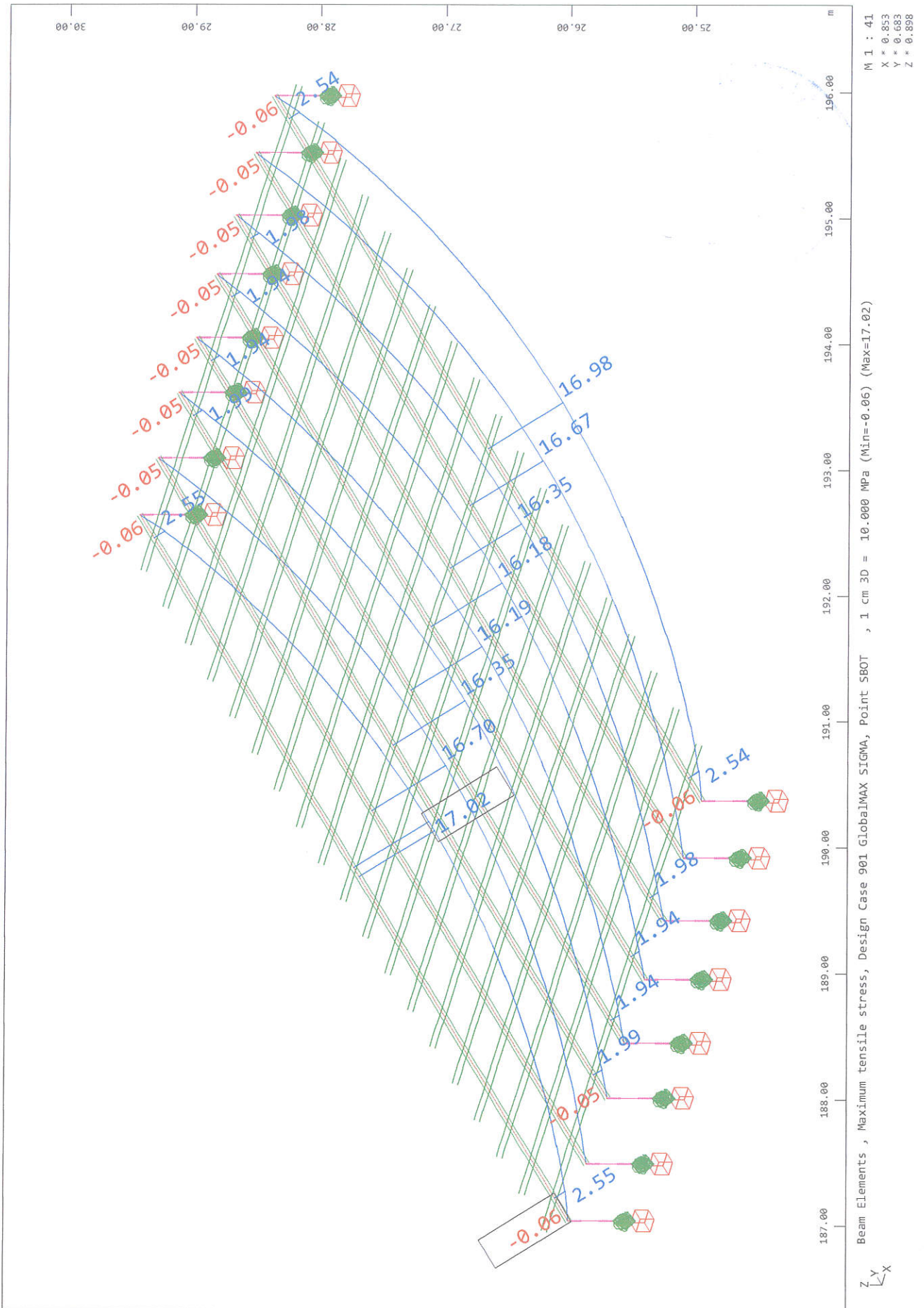
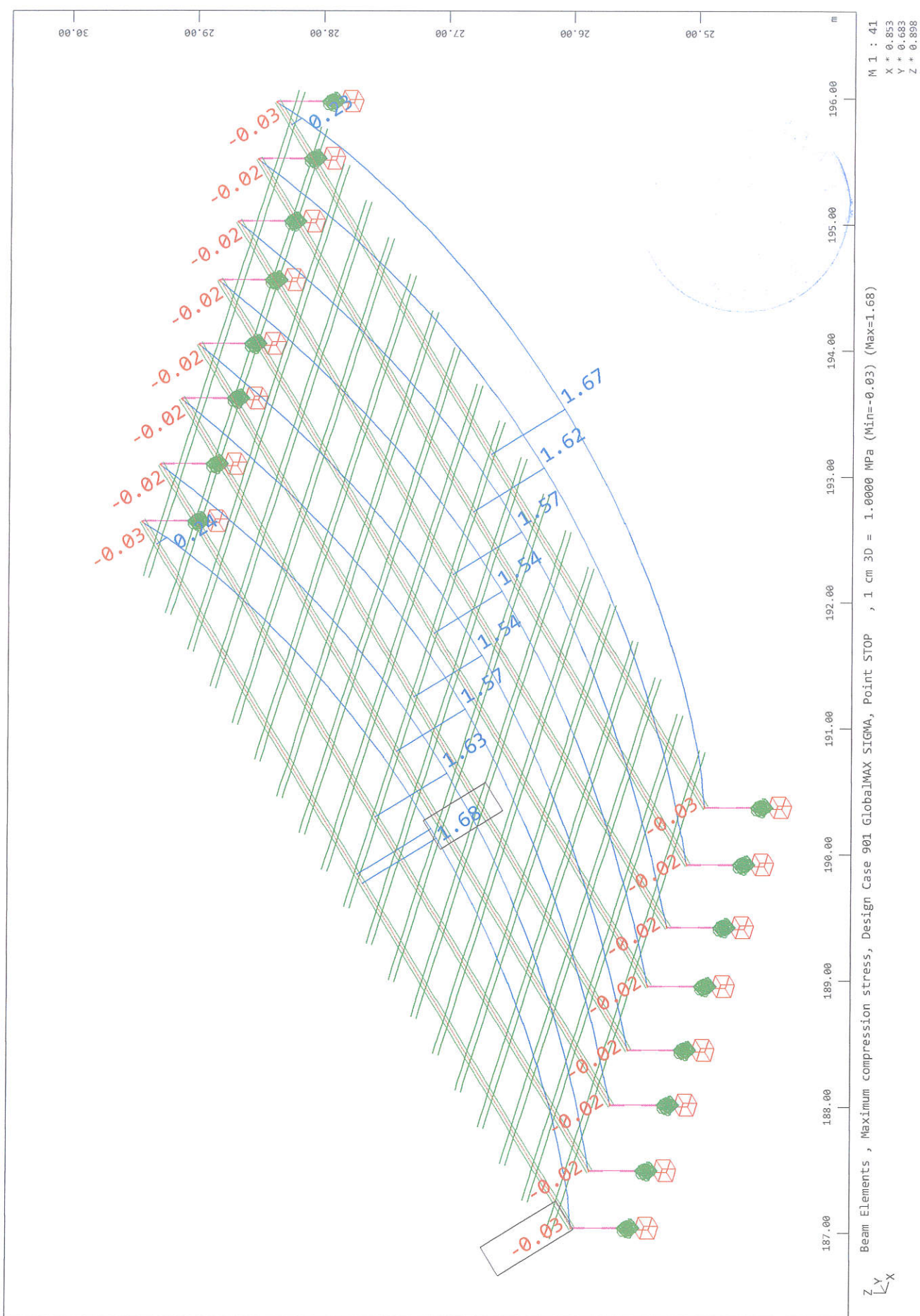


ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΚΑΤΑΣΚΕΥΗΣ
taseis

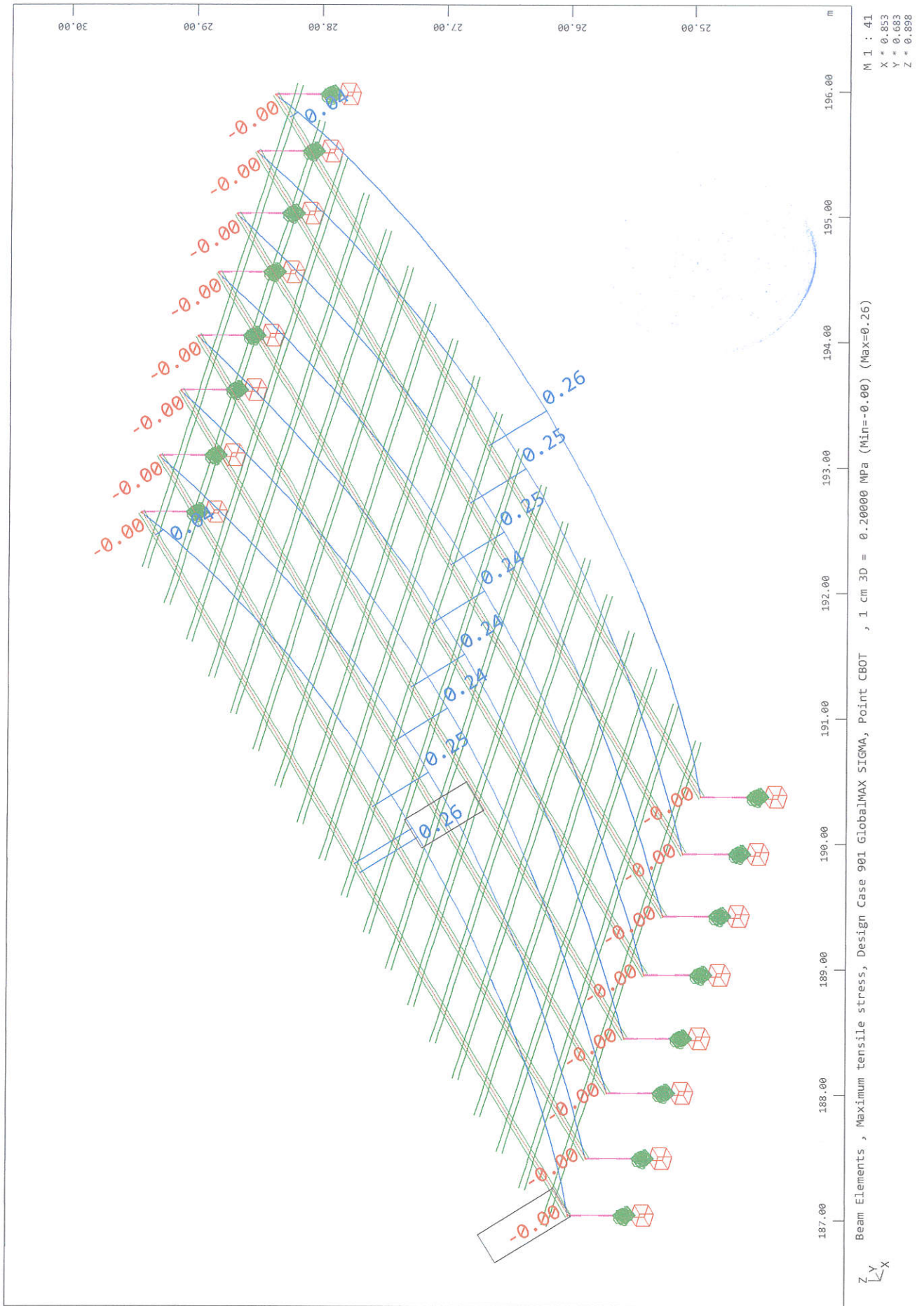
SOFISTIK AG - www.sofistik.de



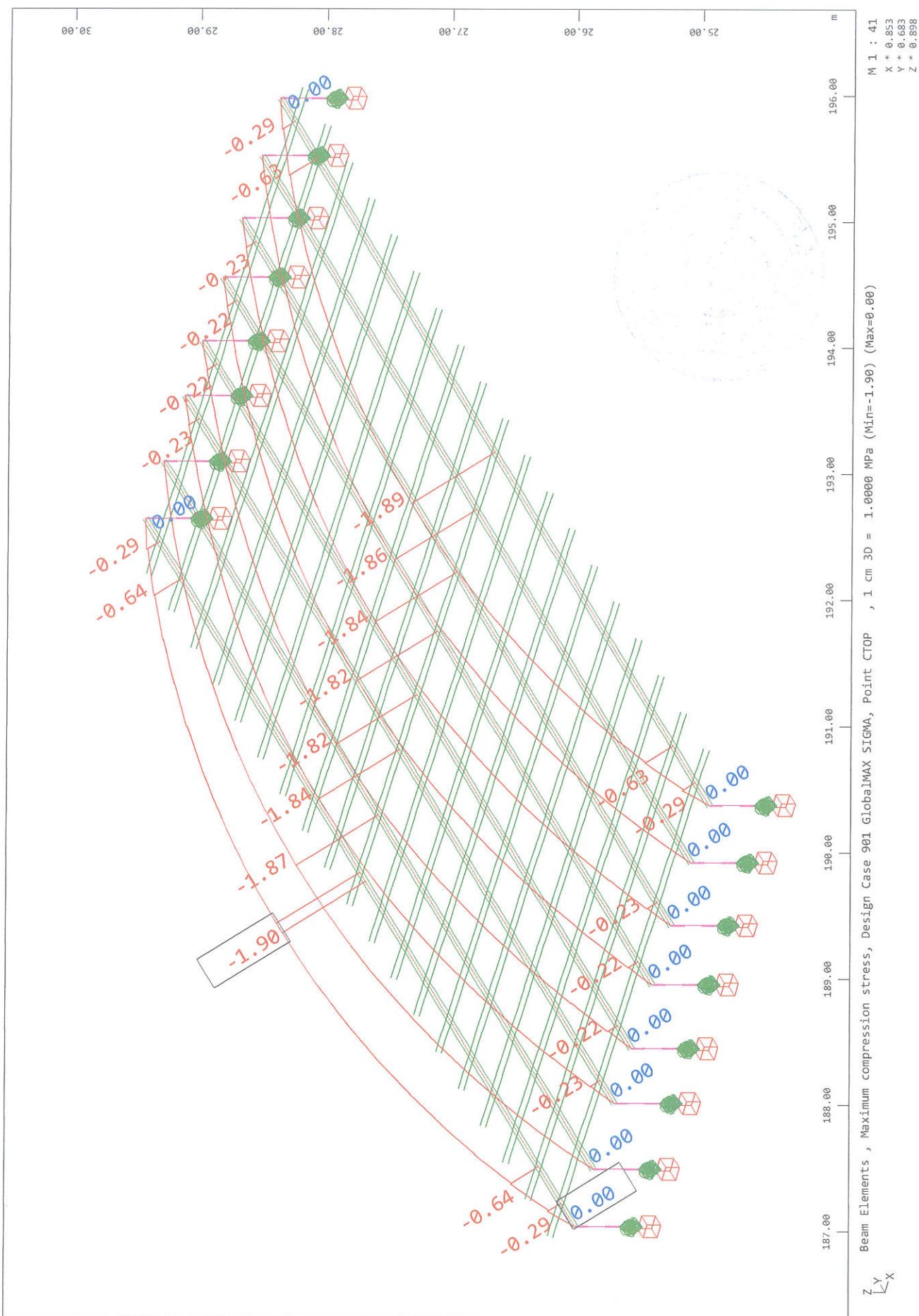


ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΚΑΤΑΣΚΕΥΗΣ
taseis

SOFISTIK AG - www.sofistik.de



SOFISTIK AG - www.sofistik.de



ΤΕΥΧΟΣ ΣΤΑΤΙΚΩΝ ΥΠΟΛΟΓΙΣΜΩΝ

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ

ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ



ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
Materials

Design Code

EuroNorm Bridges: EN 1992-2:2005 Design of concrete structures (Europe) V 2024
EuroNorm Bridges: EN 1993-2:2006 Design of steel structures
EuroNorm Bridges: EN 1994-2:2005 Design of composite steel and concrete structures
Structure: B (Road bridges)
Snow load zone : 1

National Defined Parameters

Reference of parameter in design code	Value
long term reduction concrete compressive strength α -cc EN 1992-2 3.1.6	0.850 ¹
long term reduction concrete tensile strength α -ct EN 1992-1-1 3.1.6 (2)	1.000 ¹
safety coefficient γ -c for concrete EN 1992-1-1 2.4.2.4	1.500 ¹
safety coefficient γ -CE for concrete elasticity EN 1992-1-1 5.8.6 (3)	1.200 ¹
safety coefficient γ -s for reinforcing steel EN 1992-1-1 2.4.2.4	1.150 ¹
safety coefficient γ -M0 for structural steel EN 1993-1-1 6.1	1.000 ¹
safety coefficient γ -M1 for structural steel EN 1993-2 6.1	1.100 ¹
safety coefficient γ -M2 for structural steel EN 1993-1-1 6.1	1.250 ¹

¹ national defined parameter taken from the INI-files

Materials

Mat	Classification
1	C 30/37 (EN 1992)
2	B 500 C (EN 1992)
3	S 235 (EN 1993)
4	C 30/37 (EN 1992) g=0

Mat 1 C 30/37 (EN 1992)

Young's modulus	E	14897	[N/mm ²]	Safetyfactor	1.50	[-]
Poisson's ratio	μ	0.20	[-]	Strength ¹	fc	25.50 [MPa]
Shear modulus	G	6207	[N/mm ²]	Nominal strength	fck	30.00 [MPa]
Compression modulus	K	8276	[N/mm ²]	Tensile strength	fctm	2.90 [MPa]
Nominal Weight	γ	25.0	[kN/m ³]	Tensile strength	fctk,05	2.03 [MPa]
Mean density	ρ	2400.0	[kg/m ³]	Tensile strength	fctk,95	3.77 [MPa]
Elongation coefficient	α	1.00E-05	[1/K]	Bond strength	fdb	3.04 [MPa]
				Service strength	fc	38.00 [MPa]
				Fatigue strength	fcd,fat	14.96 [MPa]
				Tensile strength	fctd	1.35 [MPa]
				Tensile failure energy	Gf	0.14 [N/mm]

¹ fc = fck * α -cc

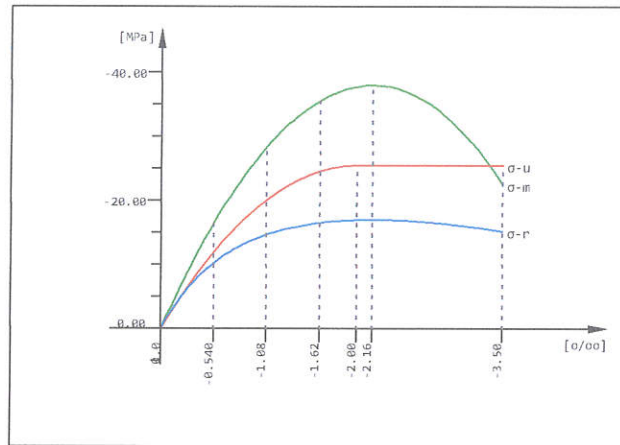
Stress-Strain for serviceability	ϵ [o/oo]	σ -m[MPa]	E-t[N/mm ²]
Is only valid within the defined stress range	0.000	0.00	34478
	-0.540	-16.42	26234
	-1.081	-28.31	17746
	-1.621	-35.55	9005
	-2.162	-38.00	0
	-3.500	-22.47	-23499
Safetyfactor			1.50

Stress-Strain for ultimate load	ϵ [o/oo]	σ -u[MPa]	E-t[N/mm ²]
Is only valid within the defined stress range	0.000	0.00	25500
	-2.000	-25.50	0
	-3.500	-25.50	0
Safetyfactor			1.50

Stress-Strain of calc. mean values	ϵ [o/oo]	σ -r[MPa]	E-t[N/mm ²]
Is only valid within the defined stress range	0.000	0.00	28732
	-0.540	-10.23	12007
	-1.081	-14.67	5278
	-1.621	-16.53	1917
	-2.162	-17.00	0

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
Materials

Stress-Strain of calc. mean values	$\epsilon [‰]$	$\sigma-r [MPa]$	E-t [N/mm ²]
	-3.500	-15.23	-2279
Safetyfactor			(1.50)



C 30/37 (EN 1992)

Mat 2 B 500 C (EN 1992)

Young's modulus	E	200000 [N/mm ²]	Safetyfactor	1.15 [-]
Poisson's ratio	μ	0.30 [-]	Yield stress	f_y 500.00 [MPa]
Shear modulus	G	76923 [N/mm ²]	Compressive yield	f_{yc} 500.00 [MPa]
Compression modulus	K	166667 [N/mm ²]	Tensile strength	f_t 575.00 [MPa]
Nominal Weight	γ	78.5 [kN/m ³]	Compressive strength	f_c 575.00 [MPa]
Mean density	ρ	7850.0 [kg/m ³]	Ultimate strain	75.00 [‰]
Elongation coefficient	α	1.20E-05 [1/K]	relative bond coeff.	1.00 [-]
max. thickness	t-max	32.00 [mm]	EN 1992 bond coeff.	k_1 0.80 [-]
			Hardening modulus	E_h 0.00 [MPa]
			Proportional limit	f_p 500.00 [MPa]
			Dynamic allowance	σ_{dyn} 152.17 [MPa]

SOFISTIK AG - www.sofistik.de

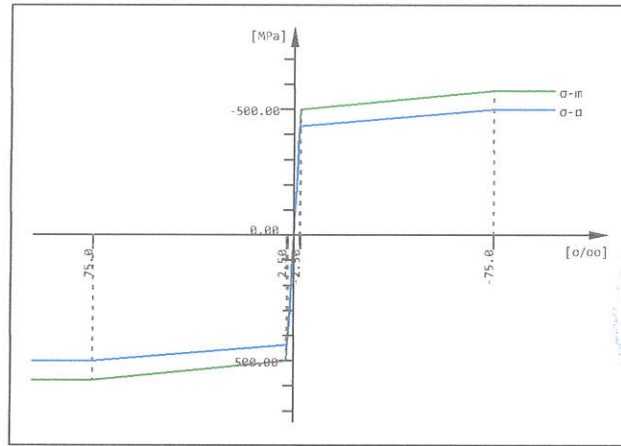
Stress-Strain for serviceability	$\epsilon [‰]$	$\sigma-m [MPa]$	E-t [N/mm ²]
Is also extended beyond the defined stress range	1000.000	575.00	0
	75.000	575.00	0
	2.500	500.00	1034
	0.000	0.00	200000
	-2.500	-500.00	1034
	-75.000	-575.00	0
	-1000.000	-575.00	0
Safetyfactor			1.15

Stress-Strain for ultimate load	$\epsilon [‰]$	$\sigma-u [MPa]$	E-t [N/mm ²]
Is also extended beyond the defined stress range	1000.000	500.00	0
	75.000	500.00	0
	2.174	434.78	896
	0.000	0.00	200000
	-2.174	-434.78	896
	-75.000	-500.00	0
	-1000.000	-500.00	0
Safetyfactor			(1.15)

Stress-Strain of calc. mean values	$\epsilon [‰]$	$\sigma-r [MPa]$	E-t [N/mm ²]
Is also extended beyond the defined stress range	1000.000	500.00	0
	75.000	500.00	0
	2.174	434.78	896
	0.000	0.00	200000
	-2.174	-434.78	896
	-75.000	-500.00	0

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
Materials

Stress-Strain of calc. mean values	ε [o/oo]	σ -r[MPa]	E-t[N/mm2]
	-1000.000	-500.00	0
Safetyfactor			(1.15)



B 500 C (EN 1992)

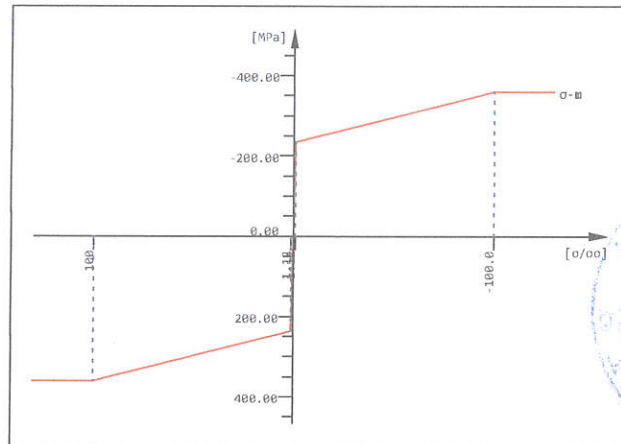
Mat 3 S 235 (EN 1993)

Young's modulus	E	210000	[N/mm2]	Safetyfactor	1.10	[-]
Poisson's ratio	μ	0.30	[-]	Yield stress	f_y	235.00 [MPa]
Shear modulus	G	80769	[N/mm2]	Compressive yield	f_{yc}	235.00 [MPa]
Compression modulus	K	175000	[N/mm2]	Tensile strength	f_t	360.00 [MPa]
Nominal Weight	γ	78.5	[kN/m3]	Compressive strength	f_c	360.00 [MPa]
Mean density	ρ	7850.0	[kg/m3]	Ultimate strain		100.00 [o/oo]
Elongation coefficient	α	1.20E-05	[1/K]	relative bond coeff.		0.00 [-]
max. thickness	t-max	40.00	[mm]	EN 1992 bond coeff.	k_1	0.00 [-]
Safety sectional design	γ -M0	1.00	[-]	Hardening modulus	E_h	0.00 [MPa]
Safety stability design	γ -M1	1.10	[-]	Proportional limit	f_p	235.00 [MPa]
Safety rupture	γ -M2	1.25	[-]	Dynamic allowance	σ -dyn	0.00 [MPa]

Stress-Strain for serviceability	ε [o/oo]	σ -m[MPa]	E-t[N/mm2]
Is also extended beyond the	1000.000	360.00	0
defined stress range	100.000	360.00	0
	1.119	235.00	1264
	0.000	0.00	210000
	-1.119	-235.00	1264
	-100.000	-360.00	0
	-1000.000	-360.00	0
Safetyfactor			1.00

Stress-Strain for ultimate load	ε [o/oo]	σ -u[MPa]	E-t[N/mm2]
Is also extended beyond the	1000.000	360.00	0
defined stress range	100.000	360.00	0
	1.119	235.00	1264
	0.000	0.00	210000
	-1.119	-235.00	1264
	-100.000	-360.00	0
	-1000.000	-360.00	0
Safetyfactor			1.10

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΘΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
Materials



S 235 (EN 1993)

Mat 4 C 30/37 (EN 1992) g=0

Young's modulus	E	14897 [N/mm ²]	Safetyfactor		1.50 [-]
Poisson's ratio	μ	0.20 [-]	Strength ¹	fc	25.50 [MPa]
Shear modulus	G	6207 [N/mm ²]	Nominal strength	fck	30.00 [MPa]
Compression modulus	K	8276 [N/mm ²]	Tensile strength	fctm	2.90 [MPa]
Nominal Weight	γ	0.0 [kN/m ³]	Tensile strength	fctk,05	2.03 [MPa]
Mean density	ρ	0.0 [kg/m ³]	Tensile strength	fctk,95	3.77 [MPa]
Elongation coefficient	α	1.00E-05 [1/K]	Bond strength	fbd	3.04 [MPa]
			Service strength	fcu	38.00 [MPa]
			Fatigue strength	fcd,fat	14.96 [MPa]
			Tensile strength	fctd	1.35 [MPa]
			Tensile failure energy	Gf	0.14 [N/mm]

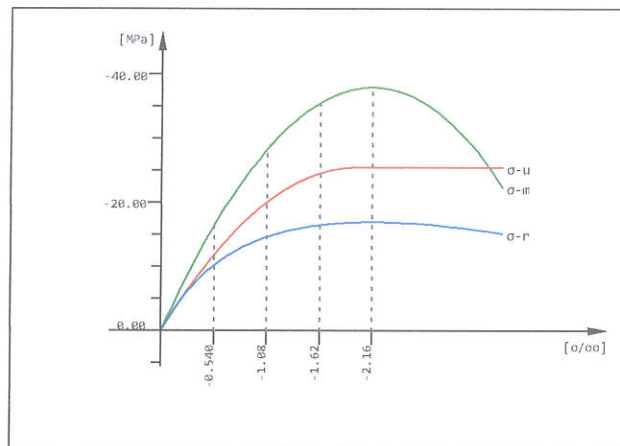
¹ fc = fck * α-cc

Stress-Strain for serviceability	ε[‰]	σ-m[MPa]	E-t[N/mm ²]
Is only valid within the defined stress range	0.000	0.00	34478
	-0.540	-16.42	26234
	-1.081	-28.31	17746
	-1.621	-35.55	9005
	-2.162	-38.00	0
	-3.500	-22.47	-23499
Safetyfactor			1.50

Stress-Strain for ultimate load	ε[‰]	σ-u[MPa]	E-t[N/mm ²]
Is only valid within the defined stress range	0.000	0.00	25500
	-2.000	-25.50	0
	-3.500	-25.50	0
Safetyfactor			1.50

Stress-Strain of calc. mean values	ε[‰]	σ-r[MPa]	E-t[N/mm ²]
Is only valid within the defined stress range	0.000	0.00	28732
	-0.540	-10.23	12007
	-1.081	-14.67	5278
	-1.621	-16.53	1917
	-2.162	-17.00	0
	-3.500	-15.23	-2279
Safetyfactor			(1.50)

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
Materials



C 30/37 (EN 1992) $g=0$

Thermal material constants

Mat	T [°C]	S [kJ/K/m ³]	Kxx [W/K/m]	Kyy [W/K/m]	Kzz [W/K/m]	
1	AUTO	2.16E+03	1.951E+00			C 30/37 (EN 1992)
2	AUTO	3.45E+03	5.333E+01			B 500 C (EN 1992)
3	AUTO	3.45E+03	5.333E+01			S 235 (EN 1993)
4	AUTO	2.16E+03	1.951E+00			C 30/37 (EN 1992) $g=0$
Mat	material number	S [kJ/K/m ³]	Heat capacity			
T [°C]	Temperature	Kxx [W/K/m], Kyy [W/K/m], Kzz [W/K/m]	Heat conductivity			

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
Sections

Design Code

EuroNorm Bridges: EN 1992-2:2005 Design of concrete structures (Europe) V 2024
EuroNorm Bridges: EN 1994-2:2005 Design of composite steel and concrete structures
Structure: B (Road bridges)
Snow load zone : 1

Materials

Mat	Classification
1	C 30/37 (EN 1992)
2	B 500 C (EN 1992)
3	S 235 (EN 1993)
4	C 30/37 (EN 1992) g=0

Cross-sections static properties

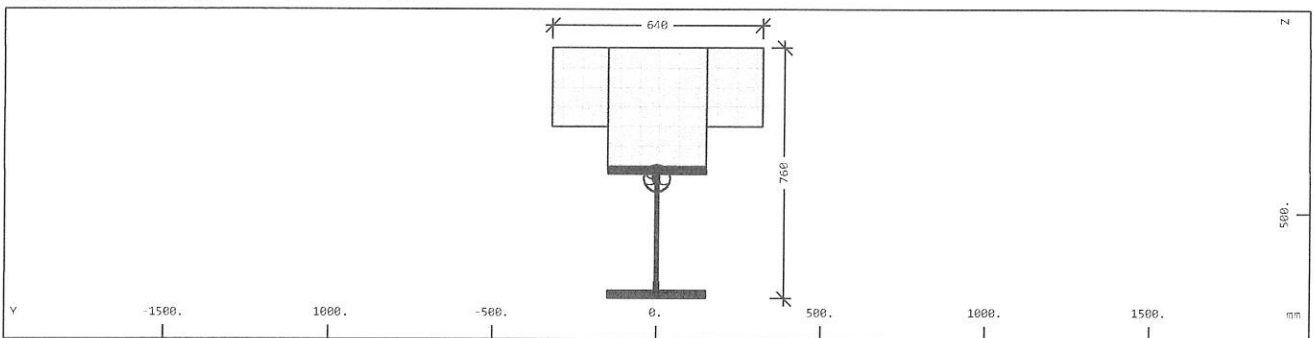
SNo	Mat MRf	A[m2] It[m4]	Ay[m2] Az[m2] Ayz[m2]	Iy[m4] Iz[m4] Iyz[m4]	yc[mm] zc[mm]	ysc[mm] zsc[mm]	E[N/mm2] G[N/mm2]	g[kg/m]	I-1[m4] I-2[m4] α[°]
1	3 2 ¹	3.3228E-02 4.821E-04	5.753E-02 2.933E-02	1.908E-03 4.991E-04 -5.679E-12	0.0 395.7	0.0 398.7	210000 80769	155.3 (BEAM)	1.908E-03 4.991E-04 0.00
= HEB AKPI									
= Composit with materials: 3 4									
2	4 2 ²	1.2000E-01 1.609E-03	1.000E-01 1.000E-01	5.760E-04 2.500E-03	0.0 -120.0	0.0 -120.0	14897 6207	0.0 (BEAM)	2.500E-03 5.760E-04
= H = 200 mm									
= H = 200 mm									

¹ No valid reinforcements are defined

² Reinforcements are not considered in the sectional values

SNo	section number	yc[mm],zc[mm]	ordinate of elastic centroid
Mat	material number	ysc[mm],zsc[mm]	ordinate of shear centre
A[m2]	sectional area	E[N/mm2]	Young's modulus
Ay[m2],Az[m2],Ayz[m2]	transverse shear deformation area	g[kg/m]	mass per length
Iy[m4],Iz[m4],Iyz[m4]	bending moment of inertia		
I-1[m4],I-2[m4],α[°]	principal moments of inertia and angle of the principal axes		
MRf	reinforcement material number		
It[m4]	torsional moment of inertia		
G[N/mm2]	Shear modulus		

Cross section No. 1 - HEB AKPI



Cross section No. 1 - HEB AKPI

Static properties of cross section

Mat MRf	A[m2] It[m4]	Ay[m2] Az[m2] Ayz[m2]	Iy[m4] Iz[m4] Iyz[m4]	yc[mm] zc[mm]	ysc[mm] zsc[mm]	E[N/mm2] G[N/mm2]	g[kg/m]	I-1[m4] I-2[m4] α[°]
3 2 ¹	3.3228E-02 4.821E-04	5.753E-02 2.933E-02	1.908E-03 4.991E-04 -5.679E-12	0.0 395.7	0.0 398.7	210000 80769	155.3 (BEAM)	1.908E-03 4.991E-04 0.00
¹ No valid reinforcements are defined								
Mat	material number			yc[mm],zc[mm]	ordinate of elastic centroid			
A[m2]	sectional area			ysc[mm],zsc[mm]	ordinate of shear centre			
Ay[m2],Az[m2],Ayz[m2]	transverse shear deformation area			E[N/mm2]	Young's modulus			
Iy[m4],Iz[m4],Iyz[m4]	bending moment of inertia			g[kg/m]	mass per length			
I-1[m4],I-2[m4],α[°]	principal moments of inertia and angle of the principal axes							

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
Sections

MRf	reinforcement material number
It[m4]	torsional moment of inertia
G[N/mm2]	Shear modulus

Additional static properties of cross section

α -T[1/K]	ymin[mm] ymax[mm]	zmin[mm] zmax[mm]	hymin[mm] hzmin[mm]	AK[m2] AB[m2]	MRs	1/WT[1/m3] 1/WT2[1/m3]	1/WVy[1/m2] 1/WVz[1/m2]
1.2E-05	-320.0 320.0	-395.7 364.3	331.1 557.1	1.089E-01 1.896E-01	2	5.739E+01 3.756E+02	2.254E+01 1.259E+02
α -T[1/K] Elongation coefficient ymin[mm],zmin[mm],ymax[mm],zmax[mm] extreme coordinates relative to centroid hymin[mm],hzmin[mm] minimum value for internal lever AK[m2] torsional equivalent area (Bredt) MRs transverse reinforcements material number 1/WT[1/m3],1/WT2[1/m3] torsional resistance 1/WVy[1/m2],1/WVz[1/m2] shear force resistance AB[m2] gross concrete area							

Section values for warping

Wmin[m2]	Wmax[m2]	CM[m6]	CMS[m4]	ASwyy[m6]	ASwzz[m6]	ry[mm]	rz[mm]
-0.0524	0.0524	1.046E-05	0.001	5.150E-14	-1.192E-13	0.0	39.7
Wmin[m2],Wmax[m2] unit warping CM[m6] warping resistance CMS[m4] warping shear resistance ASwyy[m6],ASwzz[m6] warping sectional value ry[mm],rz[mm] sectional distance							

Partial cross sections

Mat MRf	A[m2] It[m4]	Ay[m2] Az[m2] Ayz[m2]	Iy[m4] Iz[m4] Iyz[m4]	yc[mm] zc[mm]	E[N/mm2] G[N/mm2]	g[kg/m]	I-1[m4] I-2[m4] α [°]
3	1.9778E-02 3.145E-06	1.292E-02 2.933E-02	5.774E-04 1.080E-04	0.0 560.0	210000 80769	155.3	
4	1.8960E-01 6.232E-03	5.806E-01	1.673E-04 5.513E-03 -8.005E-11	0.0 154.2	14897 6207	0.0	5.513E-03 1.673E-04 90.00
Mat material number A[m2] sectional area Ay[m2],Az[m2],Ayz[m2] transverse shear deformation area Iy[m4],Iz[m4],Iyz[m4] bending moment of inertia yc[mm],zc[mm] ordinate of elastic centroid E[N/mm2] Young's modulus g[kg/m] mass per length I-1[m4],I-2[m4], α [°] principal moments of inertia and angle of the principal axes MRf reinforcement material number It[m4] torsional moment of inertia G[N/mm2] Shear modulus							

Design values of cross section

Mat MRf	A[m2] It[m4]	Ay[m2] Az[m2] Ayz[m2]	Iy[m4] Iz[m4] Iyz[m4]	yc[mm] zc[mm]	E[N/mm2] G[N/mm2]	g[kg/m]	I-1[m4] I-2[m4] α [°]
3 ¹	2.6946E-02	4.149E-02	1.518E-03	0.0	190909	155.3	1.518E-03
2 ²	3.222E-04	2.666E-02	3.589E-04 -3.786E-12	425.0	73426		3.589E-04 0.00

¹ Material safety γ -M, Structural steel = 1.10, Concrete = 1.50

² No valid reinforcements are defined

Mat	material number
A[m2]	sectional area
Ay[m2],Az[m2],Ayz[m2]	transverse shear deformation area
Iy[m4],Iz[m4],Iyz[m4]	bending moment of inertia
yc[mm],zc[mm]	ordinate of elastic centroid
E[N/mm2]	Young's modulus
g[kg/m]	mass per length
I-1[m4],I-2[m4], α [°]	principal moments of inertia and angle of the principal axes
MRf	reinforcement material number
It[m4]	torsional moment of inertia
G[N/mm2]	Shear modulus

Design forces and moments

	N[kN]	Vy[kN]	Vz[kN]	Mt[kNm]	Mt2[kNm]	Mb[kNm2]	My[kNm]	Mz[kNm]	y[mm]	z[mm]	BUCK
p123	4647.8	4039.35	1033.56	353.32	827.15	76.69	1585.77	483.54	12.1	370.1	-, c, c
p123	-2153.2						1624.67	0.00	0.0	395.7	COMB ⁴

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
Sections

Design forces and moments

	N[kN]	Vy[kN]	Vz[kN]	Mt[kNm]	Mt2[kNm]	Mb[kNm2]	My[kNm]	Mz[kNm]	y[mm]	z[mm]	BUCK
p ¹²³	-1611.6						0.00	490.22	0.0	0.0	COMB ⁴
p ¹²³	-7871.0	4039.35	1033.56	353.32	827.15	76.69	-760.27	-483.54	-12.1	560.0	
p ¹²³	-1070.0						-846.09	0.00	0.0	395.7	COMB ⁴
p ¹²³	-1611.6						0.00	-490.22	0.0	0.0	COMB ⁴
E ⁵²	4647.8						1230.71	439.71	0.0	395.7	
E ⁵²	-7808.5						-1230.71	-439.71	0.0	395.7	

¹ P = plastic design values (ultimate bearing capacity)

² Material safety γ-M0 for structural steel = 1.00, Concrete = 1.50

³ Composite section, concrete with 0.85*fck/γ-M in the compressive zone for Npl and Mpl

⁴ Maximum moment (defining point D in interaction diagram)

⁵ E = elastic design values (stress limit reached)

N[kN]	normal force	Mb[kNm2]	warping moment
Vy[kN], Vz[kN]	shear force	My[kNm], Mz[kNm]	bending moment
Mt[kNm]	primary torsional moment	y[mm], z[mm]	ordinate of plastic centre
Mt2[kNm]	secondary torsional moment	BUCK	buckling curve (LTB, y-y, z-z)

Additional design data

Mat	periphery-0/-I [m2/m]	deff [mm]	t-min [mm]	t-max [mm]	thet-p [kgm2/m]	thet-y [kgm2/m]	thet-z [kgm2/m]	thet-yz [kgm2/m]	yg [mm]	zg [mm]
	3.232		13.5	360.0	5.380	4.532	0.848		0.0	560.0
3	1.952	20.3	13.5	24.0	5.380	4.532	0.848		0.0	560.0
4	1.280	296.3	240.0	360.0	0.000				0.0	154.2

Mat	material number	t-min, t-max	thickness
periphery-0/-I	peripheral area per length	thet-p, thet-y, thet-z, thet-yz	rotational mass
deff	effective depth	yg, zg	ordinate of the mass centre

Reinforcement global values

Layer	Mref	Mat	As [cm2]	As-min [cm2]	As-max [cm2]	D [mm]	yr [mm]	zr [mm]	L-tors [mm]	N-p [kN]	My-p [kNm]	Mz-p [kNm]
M1	0	2	0.00	0.00			0.0	0.0				
M2	0	2	0.00	0.00			0.0	0.0				
M3	0	2	0.00	0.00			0.0	0.0				
M4	0	2	0.00	0.00			0.0	0.0				

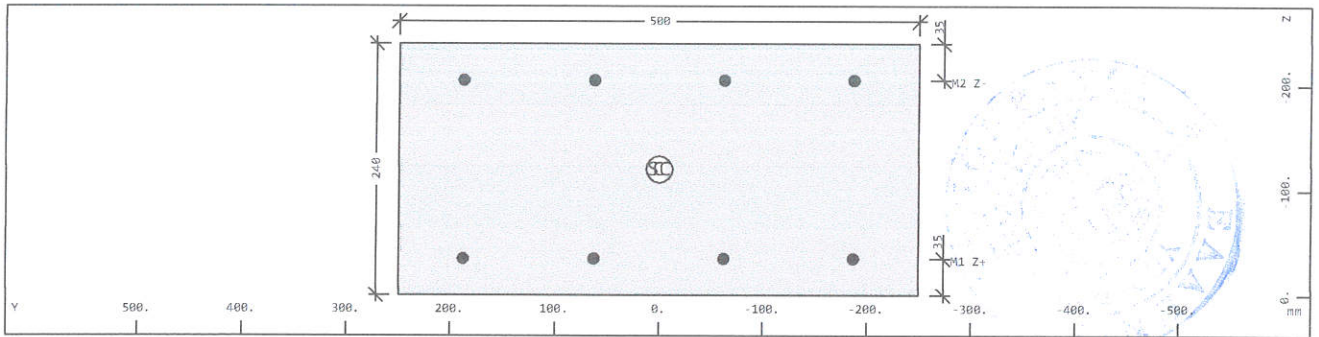
Layer	layer of reinforcement	D	bar diameter
Mref	embedding reference material	yr, zr	ordinate of elastic centroid
Mat	material number	L-tors	torsional effective length
As	reinforcement area	N-p	prestress normal force
As-min	minimum reinforcement area	My-p, Mz-p	prestress bending moment
As-max	maximum reinforcement area		

Rolled steel

Rolled steel	D[mm]	B[mm]	s[mm]	t[mm]	r[mm]	yr[mm]	zr[mm]	[grd]
HEB 400	400.0	300.0	13.5	24.0	27.0	-1.7	0.0	
D[mm]	height	t[mm]	flange thickness					
B[mm]	width	r[mm]	fillet radius					
s[mm]	web thickness	yr[mm], zr[mm]	sectional coordinate					

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
Sections

Cross section No. 2 - H = 200 mm



Cross section No. 2 - H = 200 mm

Static properties of cross section

Mat	A[m2]	Ay[m2]	Iy[m4]	yc[mm]	ysc[mm]	E[N/mm2]	g[kg/m]	I-1[m4]
MRf	It[m4]	Az[m2]	Iz[m4]	zc[mm]	zsc[mm]	G[N/mm2]		I-2[m4]
		Ayz[m2]	Iyz[m4]					α[°]
4	1.2000E-01	1.000E-01	5.760E-04	0.0	0.0	14897	0.0	2.500E-03
2 ¹	1.609E-03	1.000E-01	2.500E-03	-120.0	-120.0	6207	(BEAM)	5.760E-04

¹ Reinforcements are not considered in the sectional values

Mat	material number	yc[mm],zc[mm]	ordinate of elastic centroid
A[m2]	sectional area	ysc[mm],zsc[mm]	ordinate of shear centre
Ay[m2],Az[m2],Ayz[m2]	transverse shear deformation area	E[N/mm2]	Young's modulus
Iy[m4],Iz[m4],Iyz[m4]	bending moment of inertia	g[kg/m]	mass per length
I-1[m4],I-2[m4],α[°]	principal moments of inertia and angle of the principal axes		
MRf	reinforcement material number		
It[m4]	torsional moment of inertia		
G[N/mm2]	Shear modulus		

Additional static properties of cross section

α-T[1/K]	ymin[mm]	zmin[mm]	hymin[mm]	AK[m2]	MRs	1/WT[1/m3]	1/WVy[1/m2]
	ymax[mm]	zmax[mm]	hzmin[mm]	AB[m2]		1/WT2[1/m3]	1/WVz[1/m2]
1.0E-05	-250.0	-120.0	333.3	6.657E-02	2	9.263E+01	1.250E+01
	250.0	120.0	160.0	1.200E-01			1.250E+01

α-T[1/K]	Elongation coefficient
ymin[mm],zmin[mm],ymax[mm],zmax[mm]	extreme coordinates relative to centroid
hymin[mm],hzmin[mm]	minimum value for internal lever
AK[m2]	torsional equivalent area (Bredt)
MRs	transverse reinforcements material number
1/WT[1/m3],1/WT2[1/m3]	torsional resistance
1/WVy[1/m2],1/WVz[1/m2]	shear force resistance
AB[m2]	gross concrete area

Section values for warping

Wmin[m2]	Wmax[m2]	CM[m6]	CMS[m4]	ASwyy[m6]	ASwzz[m6]	ry[mm]	rz[mm]
-0.0144	0.0144	4.750E-06	0.000	0.000E+00	0.000E+00	0.0	0.0

Wmin[m2],Wmax[m2]	unit warping	ASwyy[m6],ASwzz[m6]	warping sectional value
CM[m6]	warping resistance	ry[mm],rz[mm]	sectional distance
CMS[m4]	warping shear resistance		

Rectangular cross-section/T-beam

H[mm]	Ho[mm]	Aso[cm2]	Do[mm]	So[mm]	a[mm]	B-eff[mm]
B[mm]	Bo[mm]	Asu[cm2]	Du[mm]	Su[mm]	a-min[mm]	incl[°]
		As-type	Ds[mm]	Ss[mm]	a-max[mm]	Ass[cm2/m]
240.0		3.16	10	35.0	150.0	81.1
500.0		3.16	10	35.0	30.0	90.0
		ASYM:F	6		300.0	

H[mm]	height	B[mm]	width
Ho[mm]	upper height of section	Bo[mm]	upper width of section
Aso[cm2],Asu[cm2]	reinforcement area	a-min[mm]	minimum distance of bars
Do[mm],Du[mm],Ds[mm]	bar diameter	incl[°]	inclination of transverse reinforcements
So[mm],Su[mm],Ss[mm]	static distance	a-max[mm]	maximum distance of bars
a[mm]	distance of bars	Ass[cm2/m]	area of transverse reinforcements
B-eff[mm]	effective width		

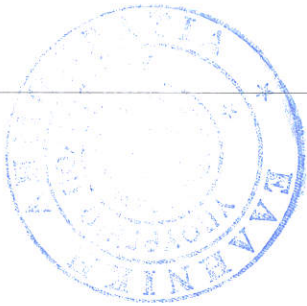
ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
Sections

Additional design data

Mat	periphery-0/-I		deff	t-min	t-max	thet-p	thet-y	thet-z	thet-yz	yg	zg
	[m2/m]	[m2/m]	[mm]	[mm]	[mm]	[kgm2/m]	[kgm2/m]	[kgm2/m]	[kgm2/m]	[mm]	[mm]
	1.480		240.0	240.0	500.0	0.000				0.0	-120.0
Mat	material number			t-min,t-max		thickness					
periphery-0/-I	peripheral area per length			thet-p,thet-y,thet-z,thet-yz		rotational mass					
deff	effective depth			yg,zg		ordinate of the mass centre					

Reinforcement global values

Layer	Mref	Mat	As [cm2]	As-min [cm2]	As-max [cm2]	D [mm]	yr [mm]	zr [mm]	L-tors [mm]	N-p [kN]	My-p [kNm]	Mz-p [kNm]
M1	Z+	4	2	3.16	3.16	10	0.0	-35.0	670.0			
M2	Z-	4	2	3.16	3.16	10	0.0	-205.0	670.0			
Layer	layer of reinforcement				D	bar diameter						
Mref	embedding reference material				yr,zr	ordinate of elastic centroid						
Mat	material number				L-tors	torsional effective length						
As	reinforcement area				N-p	prestress normal force						
As-min	minimum reinforcement area				My-p,Mz-p	prestress bending moment						
As-max	maximum reinforcement area											



ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ

Actions

type	part	sup	Designation	$\gamma-u$	$\gamma-f$	$\gamma-a$	ψ_0	ψ_1	ψ_2	ψ_{inf}
G	G	perm	DEAD LOADS	1.35	1.00	1.00	1.00	1.00	1.00	1.00
G_1	G	perm	DEAD LOADS G_1	1.35	1.00	1.00	1.00	1.00	1.00	1.00
G_2	G	perm	dead load g2	1.35	1.00	1.00	1.00	1.00	1.00	1.00
C	P	perm	creep + shrinkage	1.00	1.00	1.00	1.00	1.00	1.00	1.00
P	P	perm	prestressing	1.00	1.00	1.00	1.00	1.00	1.00	1.00
L_T	Q	cond	LT	1.35	0.00	1.00	0.75	0.75	0.00	0.80
L_U	Q	excl	Traffic load UDL of EC/DIN-FB	1.35	0.00	1.00	0.40	0.40	0.00	0.80
Q	Q	cond	Q Buildings	1.50	0.00	1.00	0.70	0.70	0.30	0.70
QX	Q	cond	EARTH PR. Q	1.50	0.00	1.00	0.70	0.70	0.30	0.70
T	Q	excl	TEMPERATURE	1.50	0.00	1.00	0.60	0.60	0.50	0.80
W	Q	cond	WATER PRESSURE	1.35	0.00	1.00	1.00	1.00	1.00	1.00
X	Q	cond	EARTH PRESSURE	1.35	0.00	1.00	1.00	1.00	1.00	1.00
			Reliability factor	Kfi	1.000					
			Reduction factor	xsi	0.850					
type	action			$\gamma-u, \gamma-f, \gamma-a$	partial safety factors for unfavourable/favourable/accidental					
part	partition of the action			$\psi_0, \psi_1, \psi_2, \psi_{inf}$	combination coefficients					
sup	superposition type									

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
ΠΕΡΙΓΡΑΦΗ ΒΑΣΙΚΩΝ ΦΟΡΤΙΣΕΩΝ

Actions

type	part	sup	Designation	γ -u	γ -f	γ -a	ψ_0	ψ_1	ψ_2	ψ_{1inf}
G	G	perm	DEAD LOADS	1.35	1.00	1.00	1.00	1.00	1.00	1.00
G_1	G	perm	DEAD LOADS G_1	1.35	1.00	1.00	1.00	1.00	1.00	1.00
G_2	G	perm	dead load g2	1.35	1.00	1.00	1.00	1.00	1.00	1.00
C	P	perm	creep + shrinkage	1.00	1.00	1.00	1.00	1.00	1.00	1.00
P	P	perm	prestressing	1.00	1.00	1.00	1.00	1.00	1.00	1.00
L_T	Q	cond	LT	1.35	0.00	1.00	0.75	0.75	0.00	0.80
L_U	Q	excl	Traffic load UDL of EC/DIN-FB	1.35	0.00	1.00	0.40	0.40	0.00	0.80
Q	Q	cond	Q Buildings	1.50	0.00	1.00	0.70	0.70	0.30	0.70
QX	Q	cond	EARTH PR. Q	1.50	0.00	1.00	0.70	0.70	0.30	0.70
T	Q	excl	TEMPERATURE	1.50	0.00	1.00	0.60	0.60	0.50	0.80
W	Q	cond	WATER PRESSURE	1.35	0.00	1.00	1.00	1.00	1.00	1.00
X	Q	cond	EARTH PRESSURE	1.35	0.00	1.00	1.00	1.00	1.00	1.00
			Reliability factor	Kfi	1.000					
			Reduction factor	xsi	0.850					
type	action		γ -u, γ -f, γ -a	partial safety factors for unfavourable/favourable/accidental						
part	partition of the action		$\psi_0,\psi_1,\psi_2,\psi_{1inf}$	combination coefficients						
sup	superposition type									

Load Case 1 (G) I.B. (G)

Factor forces and moments	1.000
Factor dead weight	DL-ZZ -1.100
unfavourable partial safety factor	1.350
favourable partial safety factor	1.000
Combination coefficient	ψ_0 1.000 (rare)
Combination coefficient	ψ_{1inf} 1.000 (infrequent)
Combination coefficient	ψ_1 1.000 (frequent)
Combination coefficient	ψ_2 1.000 (permanent)

Load Case 2 (G_1) ΠΡΟΣΘΕΤΑ ΜΟΝΙΜΑ (G1)

Factor forces and moments	1.000
unfavourable partial safety factor	1.350
favourable partial safety factor	1.000
Combination coefficient	ψ_0 1.000 (rare)
Combination coefficient	ψ_{1inf} 1.000 (infrequent)
Combination coefficient	ψ_1 1.000 (frequent)
Combination coefficient	ψ_2 1.000 (permanent)

Loads

Kind	Reference to	Projection Designation	W[m]	Coordinates			Type	Load value
				X[m]	Y[m]	Z[m]		
Area	LAR 11						PG	9.85 [kN/m2]
							activated	100.00 percent
Area	LAR 1						PG	9.25 [kN/m2]
							activated	100.00 percent
Area	LAR 2						PG	9.25 [kN/m2]
							activated	100.00 percent

Load Case 3 (L_T) ΦΟΡΤΙΟ ΚΥΚΛΟΦΟΡΙΑΣ LT1

Factor forces and moments	1.000
unfavourable partial safety factor	1.350
favourable partial safety factor	0.000
Combination coefficient	ψ_0 0.750 (rare)
Combination coefficient	ψ_{1inf} 0.800 (infrequent)
Combination coefficient	ψ_1 0.750 (frequent)
Combination coefficient	ψ_2 0.000 (permanent)

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
ΠΕΡΙΓΡΑΦΗ ΒΑΣΙΚΩΝ ΦΟΡΤΙΣΕΩΝ

Loads

Kind	Reference to	Projection Designation	W[m]	Coordinates			Type	Load value
				X[m]	Y[m]	Z[m]		
Area	LAR 4						PG	625.00 [kN/m2]
							activated	100.00 percent
Area	LAR 5						PG	625.00 [kN/m2]
							activated	100.00 percent
Area	LAR 6						PG	625.00 [kN/m2]
							activated	100.00 percent
Area	LAR 7						PG	625.00 [kN/m2]
							activated	100.00 percent
Area	LAR 8						PG	625.00 [kN/m2]
							activated	100.00 percent
Area	LAR 9						PG	625.00 [kN/m2]
							activated	100.00 percent

Load Case 4 (L_U) ΦΟΡΤΙΟ ΚΥΚΛΟΦΟΡΙΑΣ LU

Factor forces and moments		1.000
unfavourable partial safety factor		1.350
favourable partial safety factor		0.000
Combination coefficient	ψ_0	0.400 (rare)
Combination coefficient	ψ_{1inf}	0.800 (infrequent)
Combination coefficient	ψ_1	0.400 (frequent)
Combination coefficient	ψ_2	0.000 (permanent)

Loads

Kind	Reference to	Projection Designation	W[m]	Coordinates			Type	Load value
				X[m]	Y[m]	Z[m]		
Area	LAR 3						PG	5.00 [kN/m2]
							activated	100.00 percent
Area	LAR 10						PG	5.00 [kN/m2]
							activated	100.00 percent
Area	LAR 1						PG	10.88 [kN/m2]
							activated	100.00 percent
Area	LAR 2						PG	10.88 [kN/m2]
							activated	100.00 percent

Load Case 5 (L_T) ΦΟΡΤΙΟ ΚΥΚΛΟΦΟΡΙΑΣ LM2

Factor forces and moments		1.000
unfavourable partial safety factor		1.350
favourable partial safety factor		0.000
Combination coefficient	ψ_0	0.750 (rare)
Combination coefficient	ψ_{1inf}	0.800 (infrequent)
Combination coefficient	ψ_1	0.750 (frequent)
Combination coefficient	ψ_2	0.000 (permanent)

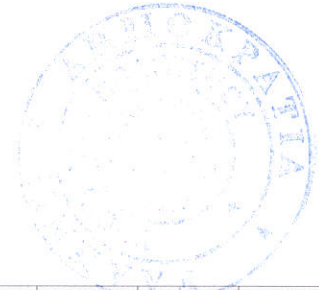
Loads

Kind	Reference to	Projection Designation	W[m]	Coordinates			Type	Load value
				X[m]	Y[m]	Z[m]		
Area	LAR 301						PG	0.01 [kN/m2]
							activated (--)	0.00 percent
Area	LAR 302						PG	0.01 [kN/m2]
							activated (--)	0.00 percent

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
ΠΕΡΙΓΡΑΦΗ ΒΑΣΙΚΩΝ ΦΟΡΤΙΣΕΩΝ

Load Case 6 (L_T) ΦΟΡΤΙΑ ΠΕΔΗΣΗΣ ΦΥΓΟΚΕΝΤΡΕΣ

Factor forces and moments		1.000
unfavourable partial safety factor		1.350
favourable partial safety factor		0.000
Combination coefficient	ψ_0	0.750 (rare)
Combination coefficient	ψ_{1inf}	0.800 (infrequent)
Combination coefficient	ψ_1	0.750 (frequent)
Combination coefficient	ψ_2	0.000 (permanent)



Loads acting on Beam elements

Number	Type	a[m]	l[m]	Load value	Load value	Unit	ya[mm]	za[mm]	ye[mm]	ze[mm]	Ref
10044	PXX	0.060		0.0		[kN]					
10044	PYY	0.060		0.0		[kN]					

Load Case 7 (L_T) ΦΟΡΤΙΟ ΑΝΘΡΩΠΟΣΥΝΟΣΤΙΣΜΟΥ

Factor forces and moments		1.000
unfavourable partial safety factor		1.350
favourable partial safety factor		0.000
Combination coefficient	ψ_0	0.750 (rare)
Combination coefficient	ψ_{1inf}	0.800 (infrequent)
Combination coefficient	ψ_1	0.750 (frequent)
Combination coefficient	ψ_2	0.000 (permanent)

Loads

Kind	Reference to	Projection Designation	W[m]	Coordinates			Type	Load value
				X[m]	Y[m]	Z[m]		
Area	LAR 11						PG	5.00 [kN/m2]
							activated	100.00 percent

Load Case 8 (L_T) ΦΟΡΤΙΟ ΠΕΖΟΔΡΟΜΙΟΥ

Factor forces and moments		1.000
unfavourable partial safety factor		1.350
favourable partial safety factor		0.000
Combination coefficient	ψ_0	0.750 (rare)
Combination coefficient	ψ_{1inf}	0.800 (infrequent)
Combination coefficient	ψ_1	0.750 (frequent)
Combination coefficient	ψ_2	0.000 (permanent)

Loads

Kind	Reference to	Projection Designation	W[m]	Coordinates			Type	Load value
				X[m]	Y[m]	Z[m]		
Area	LAR 1						PG	5.00 [kN/m2]
							activated	100.00 percent
Area	LAR 2						PG	5.00 [kN/m2]
							activated	100.00 percent

Load Case 9 (L_T) ΦΟΡΤΙΟ ΠΕΖΟΔΡΟΜΙΟΥ GR3

Factor forces and moments		1.000
unfavourable partial safety factor		1.350
favourable partial safety factor		0.000
Combination coefficient	ψ_0	0.750 (rare)
Combination coefficient	ψ_{1inf}	0.800 (infrequent)
Combination coefficient	ψ_1	0.750 (frequent)
Combination coefficient	ψ_2	0.000 (permanent)

Loads

Kind	Reference to	Projection Designation	W[m]	Coordinates			Type	Load value
				X[m]	Y[m]	Z[m]		
Area	LAR 1						PG	3.00 [kN/m2]
							activated	100.00 percent

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
ΠΕΡΙΓΡΑΦΗ ΒΑΣΙΚΩΝ ΦΟΡΤΙΣΕΩΝ

Load Case 10 (W) ΦΟΡΤΙΟ ΑΝΕΜΟΥ Wx

Factor forces and moments 1.000
unfavourable partial safety factor 1.350
favourable partial safety factor 0.000
Combination coefficient ψ_0 1.000 (rare)
Combination coefficient ψ_{1inf} 1.000 (infrequent)
Combination coefficient ψ_1 1.000 (frequent)
Combination coefficient ψ_2 1.000 (permanent)



Loads acting on Beam elements

Number	Type	a[m]	l[m]	Load value	Load value	Unit	ya[mm]	za[mm]	ye[mm]	ze[mm]	Ref
10001	PXX	0.000	0.157	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10002	PXX	0.000	0.158	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10003	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10004	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10005	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10006	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10007	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10008	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10009	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10010	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10011	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10012	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10013	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10014	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10015	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10016	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10017	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10018	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10019	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10020	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10021	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10022	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10023	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10024	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10025	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10026	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10027	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10028	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10029	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10030	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10031	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10032	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10033	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10034	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10035	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10036	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10037	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10038	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10039	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10040	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10041	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10042	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10043	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10044	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10045	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10046	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10047	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10048	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10049	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
ΠΕΡΙΓΡΑΦΗ ΒΑΣΙΚΩΝ ΦΟΡΤΙΣΕΩΝ

Loads acting on Beam elements

Number	Type	a[m]	l[m]	Load value	Load value	Unit	ya[mm]	za[mm]	ye[mm]	ze[mm]	Ref
10050	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10051	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10052	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10053	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10054	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10055	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10056	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10057	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10058	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10059	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10060	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10061	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10062	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10063	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10064	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10065	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10066	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10067	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10068	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10069	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10070	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10071	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10072	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10073	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10074	PXX	0.000	0.125	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10075	PXX	0.000	0.158	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	
10076	PXX	0.000	0.158	15.25	15.25	[kN/m]	0.0	480.0	0.0	480.0	

Load Case 11 (W) ΦΟΡΤΙΟ ΑΝΕΜΟΥ -Wx

Factor forces and moments	1.000
unfavourable partial safety factor	1.350
favourable partial safety factor	0.000
Combination coefficient ψ_0	1.000 (rare)
Combination coefficient ψ_{1inf}	1.000 (infrequent)
Combination coefficient ψ_1	1.000 (frequent)
Combination coefficient ψ_2	1.000 (permanent)

Loads acting on Beam elements

Number	Type	a[m]	l[m]	Load value	Load value	Unit	ya[mm]	za[mm]	ye[mm]	ze[mm]	Ref
10533	PXX	0.000	0.158	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10534	PXX	0.000	0.158	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10535	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10536	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10537	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10538	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10539	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10540	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10541	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10542	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10543	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10544	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10545	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10546	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10547	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10548	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10549	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10550	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10551	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
ΠΕΡΙΓΡΑΦΗ ΒΑΣΙΚΩΝ ΦΟΡΤΙΣΕΩΝ

Loads acting on Beam elements

Number	Type	a[m]	l[m]	Load value	Load value	Unit	ya[mm]	za[mm]	ye[mm]	ze[mm]	Ref
10552	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10553	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10554	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10555	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10556	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10557	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10558	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10559	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10560	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10561	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10562	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10563	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10564	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10565	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10566	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10567	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10568	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10569	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10570	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10571	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10572	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10573	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10574	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10575	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10576	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10577	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10578	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10579	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10580	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10581	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10582	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10583	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10584	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10585	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10586	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10587	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10588	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10589	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10590	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10591	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10592	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10593	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10594	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10595	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10596	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10597	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10598	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10599	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10600	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10601	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10602	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10603	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10604	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10605	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10606	PXX	0.000	0.125	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10607	PXX	0.000	0.157	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	
10608	PXX	0.000	0.158	-15.25	-15.25	[kN/m]	0.0	480.0	0.0	480.0	

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
ΠΕΡΙΓΡΑΦΗ ΒΑΣΙΚΩΝ ΦΟΡΤΙΣΕΩΝ

Load Case 12 (W) ΦΟΡΤΙΟ ΑΝΕΜΟΥ Wz

Factor forces and moments		1.000
unfavourable partial safety factor		1.350
favourable partial safety factor		0.000
Combination coefficient	ψ_0	1.000 (rare)
Combination coefficient	ψ_{1inf}	1.000 (infrequent)
Combination coefficient	ψ_1	1.000 (frequent)
Combination coefficient	ψ_2	1.000 (permanent)

Loads

Kind	Reference to	Projection Designation	W[m]	Coordinates X[m] Y[m] Z[m]			Type	Load value
Area	LAR 11						PG	1.92 [kN/m2]
							activated	100.00 percent

Load Case 13 (W) ΦΟΡΤΙΟ ΑΝΕΜΟΥ -Wz

Factor forces and moments		1.000
unfavourable partial safety factor		1.350
favourable partial safety factor		0.000
Combination coefficient	ψ_0	1.000 (rare)
Combination coefficient	ψ_{1inf}	1.000 (infrequent)
Combination coefficient	ψ_1	1.000 (frequent)
Combination coefficient	ψ_2	1.000 (permanent)

Loads

Kind	Reference to	Projection Designation	W[m]	Coordinates X[m] Y[m] Z[m]			Type	Load value
Area	LAR 111						PG	-1.92 [kN/m2]
							activated (--)	0.00 percent

Load Case 14 (T) ΘΕΡΜΟΚΡΑΣΙΑ ΔTcool

Factor forces and moments		1.000
unfavourable partial safety factor		1.500
favourable partial safety factor		0.000
Combination coefficient	ψ_0	0.600 (rare)
Combination coefficient	ψ_{1inf}	0.800 (infrequent)
Combination coefficient	ψ_1	0.600 (frequent)
Combination coefficient	ψ_2	0.500 (permanent)

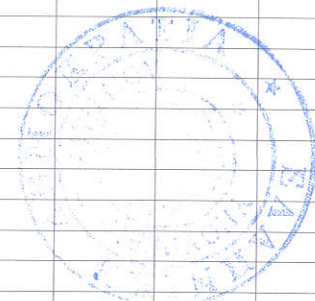
Loads acting on Beam elements

Number	Type	a[m]	l[m]	Load value	Load value	Unit	ya[mm]	za[mm]	ye[mm]	ze[mm]	Ref
10001	dTz	0.000	0.157	18.00		[°C]					
10002	dTz	0.000	0.158	18.00		[°C]					
10003	dTz	0.000	0.125	18.00		[°C]					
10004	dTz	0.000	0.125	18.00		[°C]					
10005	dTz	0.000	0.125	18.00		[°C]					
10006	dTz	0.000	0.125	18.00		[°C]					
10007	dTz	0.000	0.125	18.00		[°C]					
10008	dTz	0.000	0.125	18.00		[°C]					
10009	dTz	0.000	0.125	18.00		[°C]					
10010	dTz	0.000	0.125	18.00		[°C]					
10011	dTz	0.000	0.125	18.00		[°C]					
10012	dTz	0.000	0.125	18.00		[°C]					
10013	dTz	0.000	0.125	18.00		[°C]					
10014	dTz	0.000	0.125	18.00		[°C]					
10015	dTz	0.000	0.125	18.00		[°C]					
10016	dTz	0.000	0.125	18.00		[°C]					
10017	dTz	0.000	0.125	18.00		[°C]					
10018	dTz	0.000	0.125	18.00		[°C]					
10019	dTz	0.000	0.125	18.00		[°C]					

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
ΠΕΡΙΓΡΑΦΗ ΒΑΣΙΚΩΝ ΦΟΡΤΙΣΕΩΝ

Loads acting on Beam elements

Number	Type	a[m]	l[m]	Load value	Load value	Unit	ya[mm]	za[mm]	ye[mm]	ze[mm]	Ref
10020	dTz	0.000	0.125	18.00		[°C]					
10021	dTz	0.000	0.125	18.00		[°C]					
10022	dTz	0.000	0.125	18.00		[°C]					
10023	dTz	0.000	0.125	18.00		[°C]					
10024	dTz	0.000	0.125	18.00		[°C]					
10025	dTz	0.000	0.125	18.00		[°C]					
10026	dTz	0.000	0.125	18.00		[°C]					
10027	dTz	0.000	0.125	18.00		[°C]					
10028	dTz	0.000	0.125	18.00		[°C]					
10029	dTz	0.000	0.125	18.00		[°C]					
10030	dTz	0.000	0.125	18.00		[°C]					
10031	dTz	0.000	0.125	18.00		[°C]					
10032	dTz	0.000	0.125	18.00		[°C]					
10033	dTz	0.000	0.125	18.00		[°C]					
10034	dTz	0.000	0.125	18.00		[°C]					
10035	dTz	0.000	0.125	18.00		[°C]					
10036	dTz	0.000	0.125	18.00		[°C]					
10037	dTz	0.000	0.125	18.00		[°C]					
10038	dTz	0.000	0.125	18.00		[°C]					
10039	dTz	0.000	0.125	18.00		[°C]					
10040	dTz	0.000	0.125	18.00		[°C]					
10041	dTz	0.000	0.125	18.00		[°C]					
10042	dTz	0.000	0.125	18.00		[°C]					
10043	dTz	0.000	0.125	18.00		[°C]					
10044	dTz	0.000	0.125	18.00		[°C]					
10045	dTz	0.000	0.125	18.00		[°C]					
10046	dTz	0.000	0.125	18.00		[°C]					
10047	dTz	0.000	0.125	18.00		[°C]					
10048	dTz	0.000	0.125	18.00		[°C]					
10049	dTz	0.000	0.125	18.00		[°C]					
10050	dTz	0.000	0.125	18.00		[°C]					
10051	dTz	0.000	0.125	18.00		[°C]					
10052	dTz	0.000	0.125	18.00		[°C]					
10053	dTz	0.000	0.125	18.00		[°C]					
10054	dTz	0.000	0.125	18.00		[°C]					
10055	dTz	0.000	0.125	18.00		[°C]					
10056	dTz	0.000	0.125	18.00		[°C]					
10057	dTz	0.000	0.125	18.00		[°C]					
10058	dTz	0.000	0.125	18.00		[°C]					
10059	dTz	0.000	0.125	18.00		[°C]					
10060	dTz	0.000	0.125	18.00		[°C]					
10061	dTz	0.000	0.125	18.00		[°C]					
10062	dTz	0.000	0.125	18.00		[°C]					
10063	dTz	0.000	0.125	18.00		[°C]					
10064	dTz	0.000	0.125	18.00		[°C]					
10065	dTz	0.000	0.125	18.00		[°C]					
10066	dTz	0.000	0.125	18.00		[°C]					
10067	dTz	0.000	0.125	18.00		[°C]					
10068	dTz	0.000	0.125	18.00		[°C]					
10069	dTz	0.000	0.125	18.00		[°C]					
10070	dTz	0.000	0.125	18.00		[°C]					
10071	dTz	0.000	0.125	18.00		[°C]					
10072	dTz	0.000	0.125	18.00		[°C]					
10073	dTz	0.000	0.125	18.00		[°C]					
10074	dTz	0.000	0.125	18.00		[°C]					
10075	dTz	0.000	0.158	18.00		[°C]					
10076	dTz	0.000	0.158	18.00		[°C]					
10077	dTz	0.000	0.157	18.00		[°C]					



ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
ΠΕΡΙΓΡΑΦΗ ΒΑΣΙΚΩΝ ΦΟΡΤΙΣΕΩΝ

Loads acting on Beam elements

Number	Type	a[m]	l[m]	Load value	Load value	Unit	ya[mm]	za[mm]	ye[mm]	ze[mm]	Ref
10078	dTz	0.000	0.158	18.00		[°C]					
10079	dTz	0.000	0.125	18.00		[°C]					
10080	dTz	0.000	0.125	18.00		[°C]					
10081	dTz	0.000	0.125	18.00		[°C]					
10082	dTz	0.000	0.125	18.00		[°C]					
10083	dTz	0.000	0.125	18.00		[°C]					
10084	dTz	0.000	0.125	18.00		[°C]					
10085	dTz	0.000	0.125	18.00		[°C]					
10086	dTz	0.000	0.125	18.00		[°C]					
10087	dTz	0.000	0.125	18.00		[°C]					
10088	dTz	0.000	0.125	18.00		[°C]					
10089	dTz	0.000	0.125	18.00		[°C]					
10090	dTz	0.000	0.125	18.00		[°C]					
10091	dTz	0.000	0.125	18.00		[°C]					
10092	dTz	0.000	0.125	18.00		[°C]					
10093	dTz	0.000	0.125	18.00		[°C]					
10094	dTz	0.000	0.125	18.00		[°C]					
10095	dTz	0.000	0.125	18.00		[°C]					
10096	dTz	0.000	0.125	18.00		[°C]					
10097	dTz	0.000	0.125	18.00		[°C]					
10098	dTz	0.000	0.125	18.00		[°C]					
10099	dTz	0.000	0.125	18.00		[°C]					
10100	dTz	0.000	0.125	18.00		[°C]					
10101	dTz	0.000	0.125	18.00		[°C]					
10102	dTz	0.000	0.125	18.00		[°C]					
10103	dTz	0.000	0.125	18.00		[°C]					
10104	dTz	0.000	0.125	18.00		[°C]					
10105	dTz	0.000	0.125	18.00		[°C]					
10106	dTz	0.000	0.125	18.00		[°C]					
10107	dTz	0.000	0.125	18.00		[°C]					
10108	dTz	0.000	0.125	18.00		[°C]					
10109	dTz	0.000	0.125	18.00		[°C]					
10110	dTz	0.000	0.125	18.00		[°C]					
10111	dTz	0.000	0.125	18.00		[°C]					
10112	dTz	0.000	0.125	18.00		[°C]					
10113	dTz	0.000	0.125	18.00		[°C]					
10114	dTz	0.000	0.125	18.00		[°C]					
10115	dTz	0.000	0.125	18.00		[°C]					
10116	dTz	0.000	0.125	18.00		[°C]					
10117	dTz	0.000	0.125	18.00		[°C]					
10118	dTz	0.000	0.125	18.00		[°C]					
10119	dTz	0.000	0.125	18.00		[°C]					
10120	dTz	0.000	0.125	18.00		[°C]					
10121	dTz	0.000	0.125	18.00		[°C]					
10122	dTz	0.000	0.125	18.00		[°C]					
10123	dTz	0.000	0.125	18.00		[°C]					
10124	dTz	0.000	0.125	18.00		[°C]					
10125	dTz	0.000	0.125	18.00		[°C]					
10126	dTz	0.000	0.125	18.00		[°C]					
10127	dTz	0.000	0.125	18.00		[°C]					
10128	dTz	0.000	0.125	18.00		[°C]					
10129	dTz	0.000	0.125	18.00		[°C]					
10130	dTz	0.000	0.125	18.00		[°C]					
10131	dTz	0.000	0.125	18.00		[°C]					
10132	dTz	0.000	0.125	18.00		[°C]					
10133	dTz	0.000	0.125	18.00		[°C]					
10134	dTz	0.000	0.125	18.00		[°C]					
10135	dTz	0.000	0.125	18.00		[°C]					

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
ΠΕΡΙΓΡΑΦΗ ΒΑΣΙΚΩΝ ΦΟΡΤΙΣΕΩΝ

Loads acting on Beam elements

Number	Type	a[m]	l[m]	Load value	Load value	Unit	ya[mm]	za[mm]	ye[mm]	ze[mm]	Ref
10136	dTz	0.000	0.125	18.00		[°C]					
10137	dTz	0.000	0.125	18.00		[°C]					
10138	dTz	0.000	0.125	18.00		[°C]					
10139	dTz	0.000	0.125	18.00		[°C]					
10140	dTz	0.000	0.125	18.00		[°C]					
10141	dTz	0.000	0.125	18.00		[°C]					
10142	dTz	0.000	0.125	18.00		[°C]					
10143	dTz	0.000	0.125	18.00		[°C]					
10144	dTz	0.000	0.125	18.00		[°C]					
10145	dTz	0.000	0.125	18.00		[°C]					
10146	dTz	0.000	0.125	18.00		[°C]					
10147	dTz	0.000	0.125	18.00		[°C]					
10148	dTz	0.000	0.125	18.00		[°C]					
10149	dTz	0.000	0.125	18.00		[°C]					
10150	dTz	0.000	0.125	18.00		[°C]					
10151	dTz	0.000	0.158	18.00		[°C]					
10152	dTz	0.000	0.158	18.00		[°C]					
10153	dTz	0.000	0.157	18.00		[°C]					
10154	dTz	0.000	0.158	18.00		[°C]					
10155	dTz	0.000	0.125	18.00		[°C]					
10156	dTz	0.000	0.125	18.00		[°C]					
10157	dTz	0.000	0.125	18.00		[°C]					
10158	dTz	0.000	0.125	18.00		[°C]					
10159	dTz	0.000	0.125	18.00		[°C]					
10160	dTz	0.000	0.125	18.00		[°C]					
10161	dTz	0.000	0.125	18.00		[°C]					
10162	dTz	0.000	0.125	18.00		[°C]					
10163	dTz	0.000	0.125	18.00		[°C]					
10164	dTz	0.000	0.125	18.00		[°C]					
10165	dTz	0.000	0.125	18.00		[°C]					
10166	dTz	0.000	0.125	18.00		[°C]					
10167	dTz	0.000	0.125	18.00		[°C]					
10168	dTz	0.000	0.125	18.00		[°C]					
10169	dTz	0.000	0.125	18.00		[°C]					
10170	dTz	0.000	0.125	18.00		[°C]					
10171	dTz	0.000	0.125	18.00		[°C]					
10172	dTz	0.000	0.125	18.00		[°C]					
10173	dTz	0.000	0.125	18.00		[°C]					
10174	dTz	0.000	0.125	18.00		[°C]					
10175	dTz	0.000	0.125	18.00		[°C]					
10176	dTz	0.000	0.125	18.00		[°C]					
10177	dTz	0.000	0.125	18.00		[°C]					
10178	dTz	0.000	0.125	18.00		[°C]					
10179	dTz	0.000	0.125	18.00		[°C]					
10180	dTz	0.000	0.125	18.00		[°C]					
10181	dTz	0.000	0.125	18.00		[°C]					
10182	dTz	0.000	0.125	18.00		[°C]					
10183	dTz	0.000	0.125	18.00		[°C]					
10184	dTz	0.000	0.125	18.00		[°C]					
10185	dTz	0.000	0.125	18.00		[°C]					
10186	dTz	0.000	0.125	18.00		[°C]					
10187	dTz	0.000	0.125	18.00		[°C]					
10188	dTz	0.000	0.125	18.00		[°C]					
10189	dTz	0.000	0.125	18.00		[°C]					
10190	dTz	0.000	0.125	18.00		[°C]					
10191	dTz	0.000	0.125	18.00		[°C]					
10192	dTz	0.000	0.125	18.00		[°C]					
10193	dTz	0.000	0.125	18.00		[°C]					

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
ΠΕΡΙΓΡΑΦΗ ΒΑΣΙΚΩΝ ΦΟΡΤΙΣΕΩΝ

Loads acting on Beam elements

Number	Type	a[m]	l[m]	Load value	Load value	Unit	ya[mm]	za[mm]	ye[mm]	ze[mm]	Ref
10194	dTz	0.000	0.125	18.00		[°C]					
10195	dTz	0.000	0.125	18.00		[°C]					
10196	dTz	0.000	0.125	18.00		[°C]					
10197	dTz	0.000	0.125	18.00		[°C]					
10198	dTz	0.000	0.125	18.00		[°C]					
10199	dTz	0.000	0.125	18.00		[°C]					
10200	dTz	0.000	0.125	18.00		[°C]					
10201	dTz	0.000	0.125	18.00		[°C]					
10202	dTz	0.000	0.125	18.00		[°C]					
10203	dTz	0.000	0.125	18.00		[°C]					
10204	dTz	0.000	0.125	18.00		[°C]					
10205	dTz	0.000	0.125	18.00		[°C]					
10206	dTz	0.000	0.125	18.00		[°C]					
10207	dTz	0.000	0.125	18.00		[°C]					
10208	dTz	0.000	0.125	18.00		[°C]					
10209	dTz	0.000	0.125	18.00		[°C]					
10210	dTz	0.000	0.125	18.00		[°C]					
10211	dTz	0.000	0.125	18.00		[°C]					
10212	dTz	0.000	0.125	18.00		[°C]					
10213	dTz	0.000	0.125	18.00		[°C]					
10214	dTz	0.000	0.125	18.00		[°C]					
10215	dTz	0.000	0.125	18.00		[°C]					
10216	dTz	0.000	0.125	18.00		[°C]					
10217	dTz	0.000	0.125	18.00		[°C]					
10218	dTz	0.000	0.125	18.00		[°C]					
10219	dTz	0.000	0.125	18.00		[°C]					
10220	dTz	0.000	0.125	18.00		[°C]					
10221	dTz	0.000	0.125	18.00		[°C]					
10222	dTz	0.000	0.125	18.00		[°C]					
10223	dTz	0.000	0.125	18.00		[°C]					
10224	dTz	0.000	0.125	18.00		[°C]					
10225	dTz	0.000	0.125	18.00		[°C]					
10226	dTz	0.000	0.125	18.00		[°C]					
10227	dTz	0.000	0.158	18.00		[°C]					
10228	dTz	0.000	0.158	18.00		[°C]					
10229	dTz	0.000	0.158	18.00		[°C]					
10230	dTz	0.000	0.157	18.00		[°C]					
10231	dTz	0.000	0.125	18.00		[°C]					
10232	dTz	0.000	0.125	18.00		[°C]					
10233	dTz	0.000	0.125	18.00		[°C]					
10234	dTz	0.000	0.125	18.00		[°C]					
10235	dTz	0.000	0.125	18.00		[°C]					
10236	dTz	0.000	0.125	18.00		[°C]					
10237	dTz	0.000	0.125	18.00		[°C]					
10238	dTz	0.000	0.125	18.00		[°C]					
10239	dTz	0.000	0.125	18.00		[°C]					
10240	dTz	0.000	0.125	18.00		[°C]					
10241	dTz	0.000	0.125	18.00		[°C]					
10242	dTz	0.000	0.125	18.00		[°C]					
10243	dTz	0.000	0.125	18.00		[°C]					
10244	dTz	0.000	0.125	18.00		[°C]					
10245	dTz	0.000	0.125	18.00		[°C]					
10246	dTz	0.000	0.125	18.00		[°C]					
10247	dTz	0.000	0.125	18.00		[°C]					
10248	dTz	0.000	0.125	18.00		[°C]					
10249	dTz	0.000	0.125	18.00		[°C]					
10250	dTz	0.000	0.125	18.00		[°C]					
10251	dTz	0.000	0.125	18.00		[°C]					

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΟΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
ΠΕΡΙΓΡΑΦΗ ΒΑΣΙΚΩΝ ΦΟΡΤΙΣΕΩΝ

Loads acting on Beam elements

Number	Type	a[m]	l[m]	Load value	Load value	Unit	ya[mm]	za[mm]	ye[mm]	ze[mm]	Ref
10252	dTz	0.000	0.125	18.00		[°C]					
10253	dTz	0.000	0.125	18.00		[°C]					
10254	dTz	0.000	0.125	18.00		[°C]					
10255	dTz	0.000	0.125	18.00		[°C]					
10256	dTz	0.000	0.125	18.00		[°C]					
10257	dTz	0.000	0.125	18.00		[°C]					
10258	dTz	0.000	0.125	18.00		[°C]					
10259	dTz	0.000	0.125	18.00		[°C]					
10260	dTz	0.000	0.125	18.00		[°C]					
10261	dTz	0.000	0.125	18.00		[°C]					
10262	dTz	0.000	0.125	18.00		[°C]					
10263	dTz	0.000	0.125	18.00		[°C]					
10264	dTz	0.000	0.125	18.00		[°C]					
10265	dTz	0.000	0.125	18.00		[°C]					
10266	dTz	0.000	0.125	18.00		[°C]					
10267	dTz	0.000	0.125	18.00		[°C]					
10268	dTz	0.000	0.125	18.00		[°C]					
10269	dTz	0.000	0.125	18.00		[°C]					
10270	dTz	0.000	0.125	18.00		[°C]					
10271	dTz	0.000	0.125	18.00		[°C]					
10272	dTz	0.000	0.125	18.00		[°C]					
10273	dTz	0.000	0.125	18.00		[°C]					
10274	dTz	0.000	0.125	18.00		[°C]					
10275	dTz	0.000	0.125	18.00		[°C]					
10276	dTz	0.000	0.125	18.00		[°C]					
10277	dTz	0.000	0.125	18.00		[°C]					
10278	dTz	0.000	0.125	18.00		[°C]					
10279	dTz	0.000	0.125	18.00		[°C]					
10280	dTz	0.000	0.125	18.00		[°C]					
10281	dTz	0.000	0.125	18.00		[°C]					
10282	dTz	0.000	0.125	18.00		[°C]					
10283	dTz	0.000	0.125	18.00		[°C]					
10284	dTz	0.000	0.125	18.00		[°C]					
10285	dTz	0.000	0.125	18.00		[°C]					
10286	dTz	0.000	0.125	18.00		[°C]					
10287	dTz	0.000	0.125	18.00		[°C]					
10288	dTz	0.000	0.125	18.00		[°C]					
10289	dTz	0.000	0.125	18.00		[°C]					
10290	dTz	0.000	0.125	18.00		[°C]					
10291	dTz	0.000	0.125	18.00		[°C]					
10292	dTz	0.000	0.125	18.00		[°C]					
10293	dTz	0.000	0.125	18.00		[°C]					
10294	dTz	0.000	0.125	18.00		[°C]					
10295	dTz	0.000	0.125	18.00		[°C]					
10296	dTz	0.000	0.125	18.00		[°C]					
10297	dTz	0.000	0.125	18.00		[°C]					
10298	dTz	0.000	0.125	18.00		[°C]					
10299	dTz	0.000	0.125	18.00		[°C]					
10300	dTz	0.000	0.125	18.00		[°C]					
10301	dTz	0.000	0.125	18.00		[°C]					
10302	dTz	0.000	0.125	18.00		[°C]					
10303	dTz	0.000	0.158	18.00		[°C]					
10304	dTz	0.000	0.158	18.00		[°C]					
10305	dTz	0.000	0.157	18.00		[°C]					
10306	dTz	0.000	0.158	18.00		[°C]					
10307	dTz	0.000	0.125	18.00		[°C]					
10308	dTz	0.000	0.125	18.00		[°C]					
10309	dTz	0.000	0.125	18.00		[°C]					

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΟΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
ΠΕΡΙΓΡΑΦΗ ΒΑΣΙΚΩΝ ΦΟΡΤΙΣΕΩΝ

Loads acting on Beam elements

Number	Type	a[m]	l[m]	Load value	Load value	Unit	ya[mm]	za[mm]	ye[mm]	ze[mm]	Ref
10310	dTz	0.000	0.125	18.00		[°C]					
10311	dTz	0.000	0.125	18.00		[°C]					
10312	dTz	0.000	0.125	18.00		[°C]					
10313	dTz	0.000	0.125	18.00		[°C]					
10314	dTz	0.000	0.125	18.00		[°C]					
10315	dTz	0.000	0.125	18.00		[°C]					
10316	dTz	0.000	0.125	18.00		[°C]					
10317	dTz	0.000	0.125	18.00		[°C]					
10318	dTz	0.000	0.125	18.00		[°C]					
10319	dTz	0.000	0.125	18.00		[°C]					
10320	dTz	0.000	0.125	18.00		[°C]					
10321	dTz	0.000	0.125	18.00		[°C]					
10322	dTz	0.000	0.125	18.00		[°C]					
10323	dTz	0.000	0.125	18.00		[°C]					
10324	dTz	0.000	0.125	18.00		[°C]					
10325	dTz	0.000	0.125	18.00		[°C]					
10326	dTz	0.000	0.125	18.00		[°C]					
10327	dTz	0.000	0.125	18.00		[°C]					
10328	dTz	0.000	0.125	18.00		[°C]					
10329	dTz	0.000	0.125	18.00		[°C]					
10330	dTz	0.000	0.125	18.00		[°C]					
10331	dTz	0.000	0.125	18.00		[°C]					
10332	dTz	0.000	0.125	18.00		[°C]					
10333	dTz	0.000	0.125	18.00		[°C]					
10334	dTz	0.000	0.125	18.00		[°C]					
10335	dTz	0.000	0.125	18.00		[°C]					
10336	dTz	0.000	0.125	18.00		[°C]					
10337	dTz	0.000	0.125	18.00		[°C]					
10338	dTz	0.000	0.125	18.00		[°C]					
10339	dTz	0.000	0.125	18.00		[°C]					
10340	dTz	0.000	0.125	18.00		[°C]					
10341	dTz	0.000	0.125	18.00		[°C]					
10342	dTz	0.000	0.125	18.00		[°C]					
10343	dTz	0.000	0.125	18.00		[°C]					
10344	dTz	0.000	0.125	18.00		[°C]					
10345	dTz	0.000	0.125	18.00		[°C]					
10346	dTz	0.000	0.125	18.00		[°C]					
10347	dTz	0.000	0.125	18.00		[°C]					
10348	dTz	0.000	0.125	18.00		[°C]					
10349	dTz	0.000	0.125	18.00		[°C]					
10350	dTz	0.000	0.125	18.00		[°C]					
10351	dTz	0.000	0.125	18.00		[°C]					
10352	dTz	0.000	0.125	18.00		[°C]					
10353	dTz	0.000	0.125	18.00		[°C]					
10354	dTz	0.000	0.125	18.00		[°C]					
10355	dTz	0.000	0.125	18.00		[°C]					
10356	dTz	0.000	0.125	18.00		[°C]					
10357	dTz	0.000	0.125	18.00		[°C]					
10358	dTz	0.000	0.125	18.00		[°C]					
10359	dTz	0.000	0.125	18.00		[°C]					
10360	dTz	0.000	0.125	18.00		[°C]					
10361	dTz	0.000	0.125	18.00		[°C]					
10362	dTz	0.000	0.125	18.00		[°C]					
10363	dTz	0.000	0.125	18.00		[°C]					
10364	dTz	0.000	0.125	18.00		[°C]					
10365	dTz	0.000	0.125	18.00		[°C]					
10366	dTz	0.000	0.125	18.00		[°C]					
10367	dTz	0.000	0.125	18.00		[°C]					

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΟΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
ΠΕΡΙΓΡΑΦΗ ΒΑΣΙΚΩΝ ΦΟΡΤΙΣΕΩΝ

Loads acting on Beam elements

Number	Type	a[m]	l[m]	Load value	Load value	Unit	ya[mm]	za[mm]	ye[mm]	ze[mm]	Ref
10368	dTz	0.000	0.125	18.00		[°C]					
10369	dTz	0.000	0.125	18.00		[°C]					
10370	dTz	0.000	0.125	18.00		[°C]					
10371	dTz	0.000	0.125	18.00		[°C]					
10372	dTz	0.000	0.125	18.00		[°C]					
10373	dTz	0.000	0.125	18.00		[°C]					
10374	dTz	0.000	0.125	18.00		[°C]					
10375	dTz	0.000	0.125	18.00		[°C]					
10376	dTz	0.000	0.125	18.00		[°C]					
10377	dTz	0.000	0.125	18.00		[°C]					
10378	dTz	0.000	0.125	18.00		[°C]					
10379	dTz	0.000	0.158	18.00		[°C]					
10380	dTz	0.000	0.158	18.00		[°C]					
10381	dTz	0.000	0.157	18.00		[°C]					
10382	dTz	0.000	0.158	18.00		[°C]					
10383	dTz	0.000	0.125	18.00		[°C]					
10384	dTz	0.000	0.125	18.00		[°C]					
10385	dTz	0.000	0.125	18.00		[°C]					
10386	dTz	0.000	0.125	18.00		[°C]					
10387	dTz	0.000	0.125	18.00		[°C]					
10388	dTz	0.000	0.125	18.00		[°C]					
10389	dTz	0.000	0.125	18.00		[°C]					
10390	dTz	0.000	0.125	18.00		[°C]					
10391	dTz	0.000	0.125	18.00		[°C]					
10392	dTz	0.000	0.125	18.00		[°C]					
10393	dTz	0.000	0.125	18.00		[°C]					
10394	dTz	0.000	0.125	18.00		[°C]					
10395	dTz	0.000	0.125	18.00		[°C]					
10396	dTz	0.000	0.125	18.00		[°C]					
10397	dTz	0.000	0.125	18.00		[°C]					
10398	dTz	0.000	0.125	18.00		[°C]					
10399	dTz	0.000	0.125	18.00		[°C]					
10400	dTz	0.000	0.125	18.00		[°C]					
10401	dTz	0.000	0.125	18.00		[°C]					
10402	dTz	0.000	0.125	18.00		[°C]					
10403	dTz	0.000	0.125	18.00		[°C]					
10404	dTz	0.000	0.125	18.00		[°C]					
10405	dTz	0.000	0.125	18.00		[°C]					
10406	dTz	0.000	0.125	18.00		[°C]					
10407	dTz	0.000	0.125	18.00		[°C]					
10408	dTz	0.000	0.125	18.00		[°C]					
10409	dTz	0.000	0.125	18.00		[°C]					
10410	dTz	0.000	0.125	18.00		[°C]					
10411	dTz	0.000	0.125	18.00		[°C]					
10412	dTz	0.000	0.125	18.00		[°C]					
10413	dTz	0.000	0.125	18.00		[°C]					
10414	dTz	0.000	0.125	18.00		[°C]					
10415	dTz	0.000	0.125	18.00		[°C]					
10416	dTz	0.000	0.125	18.00		[°C]					
10417	dTz	0.000	0.125	18.00		[°C]					
10418	dTz	0.000	0.125	18.00		[°C]					
10419	dTz	0.000	0.125	18.00		[°C]					
10420	dTz	0.000	0.125	18.00		[°C]					
10421	dTz	0.000	0.125	18.00		[°C]					
10422	dTz	0.000	0.125	18.00		[°C]					
10423	dTz	0.000	0.125	18.00		[°C]					
10424	dTz	0.000	0.125	18.00		[°C]					
10425	dTz	0.000	0.125	18.00		[°C]					

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
ΠΕΡΙΓΡΑΦΗ ΒΑΣΙΚΩΝ ΦΟΡΤΙΣΕΩΝ

Loads acting on Beam elements

Number	Type	a[m]	l[m]	Load value	Load value	Unit	ya[mm]	za[mm]	ye[mm]	ze[mm]	Ref
10426	dTz	0.000	0.125	18.00		[°C]					
10427	dTz	0.000	0.125	18.00		[°C]					
10428	dTz	0.000	0.125	18.00		[°C]					
10429	dTz	0.000	0.125	18.00		[°C]					
10430	dTz	0.000	0.125	18.00		[°C]					
10431	dTz	0.000	0.125	18.00		[°C]					
10432	dTz	0.000	0.125	18.00		[°C]					
10433	dTz	0.000	0.125	18.00		[°C]					
10434	dTz	0.000	0.125	18.00		[°C]					
10435	dTz	0.000	0.125	18.00		[°C]					
10436	dTz	0.000	0.125	18.00		[°C]					
10437	dTz	0.000	0.125	18.00		[°C]					
10438	dTz	0.000	0.125	18.00		[°C]					
10439	dTz	0.000	0.125	18.00		[°C]					
10440	dTz	0.000	0.125	18.00		[°C]					
10441	dTz	0.000	0.125	18.00		[°C]					
10442	dTz	0.000	0.125	18.00		[°C]					
10443	dTz	0.000	0.125	18.00		[°C]					
10444	dTz	0.000	0.125	18.00		[°C]					
10445	dTz	0.000	0.125	18.00		[°C]					
10446	dTz	0.000	0.125	18.00		[°C]					
10447	dTz	0.000	0.125	18.00		[°C]					
10448	dTz	0.000	0.125	18.00		[°C]					
10449	dTz	0.000	0.125	18.00		[°C]					
10450	dTz	0.000	0.125	18.00		[°C]					
10451	dTz	0.000	0.125	18.00		[°C]					
10452	dTz	0.000	0.125	18.00		[°C]					
10453	dTz	0.000	0.125	18.00		[°C]					
10454	dTz	0.000	0.125	18.00		[°C]					
10455	dTz	0.000	0.158	18.00		[°C]					
10456	dTz	0.000	0.158	18.00		[°C]					
10457	dTz	0.000	0.157	18.00		[°C]					
10458	dTz	0.000	0.158	18.00		[°C]					
10459	dTz	0.000	0.125	18.00		[°C]					
10460	dTz	0.000	0.125	18.00		[°C]					
10461	dTz	0.000	0.125	18.00		[°C]					
10462	dTz	0.000	0.125	18.00		[°C]					
10463	dTz	0.000	0.125	18.00		[°C]					
10464	dTz	0.000	0.125	18.00		[°C]					
10465	dTz	0.000	0.125	18.00		[°C]					
10466	dTz	0.000	0.125	18.00		[°C]					
10467	dTz	0.000	0.125	18.00		[°C]					
10468	dTz	0.000	0.125	18.00		[°C]					
10469	dTz	0.000	0.125	18.00		[°C]					
10470	dTz	0.000	0.125	18.00		[°C]					
10471	dTz	0.000	0.125	18.00		[°C]					
10472	dTz	0.000	0.125	18.00		[°C]					
10473	dTz	0.000	0.125	18.00		[°C]					
10474	dTz	0.000	0.125	18.00		[°C]					
10475	dTz	0.000	0.125	18.00		[°C]					
10476	dTz	0.000	0.125	18.00		[°C]					
10477	dTz	0.000	0.125	18.00		[°C]					
10478	dTz	0.000	0.125	18.00		[°C]					
10479	dTz	0.000	0.125	18.00		[°C]					
10480	dTz	0.000	0.125	18.00		[°C]					
10481	dTz	0.000	0.125	18.00		[°C]					
10482	dTz	0.000	0.125	18.00		[°C]					
10483	dTz	0.000	0.125	18.00		[°C]					

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
ΠΕΡΙΓΡΑΦΗ ΒΑΣΙΚΩΝ ΦΟΡΤΙΣΕΩΝ

Loads acting on Beam elements

Number	Type	a[m]	l[m]	Load value	Load value	Unit	ya[mm]	za[mm]	ye[mm]	ze[mm]	Ref
10484	dTz	0.000	0.125	18.00		[°C]					
10485	dTz	0.000	0.125	18.00		[°C]					
10486	dTz	0.000	0.125	18.00		[°C]					
10487	dTz	0.000	0.125	18.00		[°C]					
10488	dTz	0.000	0.125	18.00		[°C]					
10489	dTz	0.000	0.125	18.00		[°C]					
10490	dTz	0.000	0.125	18.00		[°C]					
10491	dTz	0.000	0.125	18.00		[°C]					
10492	dTz	0.000	0.125	18.00		[°C]					
10493	dTz	0.000	0.125	18.00		[°C]					
10494	dTz	0.000	0.125	18.00		[°C]					
10495	dTz	0.000	0.125	18.00		[°C]					
10496	dTz	0.000	0.125	18.00		[°C]					
10497	dTz	0.000	0.125	18.00		[°C]					
10498	dTz	0.000	0.125	18.00		[°C]					
10499	dTz	0.000	0.125	18.00		[°C]					
10500	dTz	0.000	0.125	18.00		[°C]					
10501	dTz	0.000	0.125	18.00		[°C]					
10502	dTz	0.000	0.125	18.00		[°C]					
10503	dTz	0.000	0.125	18.00		[°C]					
10504	dTz	0.000	0.125	18.00		[°C]					
10505	dTz	0.000	0.125	18.00		[°C]					
10506	dTz	0.000	0.125	18.00		[°C]					
10507	dTz	0.000	0.125	18.00		[°C]					
10508	dTz	0.000	0.125	18.00		[°C]					
10509	dTz	0.000	0.125	18.00		[°C]					
10510	dTz	0.000	0.125	18.00		[°C]					
10511	dTz	0.000	0.125	18.00		[°C]					
10512	dTz	0.000	0.125	18.00		[°C]					
10513	dTz	0.000	0.125	18.00		[°C]					
10514	dTz	0.000	0.125	18.00		[°C]					
10515	dTz	0.000	0.125	18.00		[°C]					
10516	dTz	0.000	0.125	18.00		[°C]					
10517	dTz	0.000	0.125	18.00		[°C]					
10518	dTz	0.000	0.125	18.00		[°C]					
10519	dTz	0.000	0.125	18.00		[°C]					
10520	dTz	0.000	0.125	18.00		[°C]					
10521	dTz	0.000	0.125	18.00		[°C]					
10522	dTz	0.000	0.125	18.00		[°C]					
10523	dTz	0.000	0.125	18.00		[°C]					
10524	dTz	0.000	0.125	18.00		[°C]					
10525	dTz	0.000	0.125	18.00		[°C]					
10526	dTz	0.000	0.125	18.00		[°C]					
10527	dTz	0.000	0.125	18.00		[°C]					
10528	dTz	0.000	0.125	18.00		[°C]					
10529	dTz	0.000	0.125	18.00		[°C]					
10530	dTz	0.000	0.125	18.00		[°C]					
10531	dTz	0.000	0.158	18.00		[°C]					
10532	dTz	0.000	0.158	18.00		[°C]					
10533	dTz	0.000	0.158	18.00		[°C]					
10534	dTz	0.000	0.158	18.00		[°C]					
10535	dTz	0.000	0.125	18.00		[°C]					
10536	dTz	0.000	0.125	18.00		[°C]					
10537	dTz	0.000	0.125	18.00		[°C]					
10538	dTz	0.000	0.125	18.00		[°C]					
10539	dTz	0.000	0.125	18.00		[°C]					
10540	dTz	0.000	0.125	18.00		[°C]					
10541	dTz	0.000	0.125	18.00		[°C]					

ΦΟΡΕΑΣ ΚΑΤΑΣΤΡΩΜΑΤΟΣ ΦΑΣΗ ΛΕΙΤΟΥΡΓΕΙΑΣ
ΠΕΡΙΓΡΑΦΗ ΒΑΣΙΚΩΝ ΦΟΡΤΙΣΕΩΝ

Loads acting on Beam elements

Number	Type	a[m]	l[m]	Load value	Load value	Unit	ya[mm]	za[mm]	ye[mm]	ze[mm]	Ref
10542	dTz	0.000	0.125	18.00		[°C]					
10543	dTz	0.000	0.125	18.00		[°C]					
10544	dTz	0.000	0.125	18.00		[°C]					
10545	dTz	0.000	0.125	18.00		[°C]					
10546	dTz	0.000	0.125	18.00		[°C]					
10547	dTz	0.000	0.125	18.00		[°C]					
10548	dTz	0.000	0.125	18.00		[°C]					
10549	dTz	0.000	0.125	18.00		[°C]					
10550	dTz	0.000	0.125	18.00		[°C]					
10551	dTz	0.000	0.125	18.00		[°C]					
10552	dTz	0.000	0.125	18.00		[°C]					
10553	dTz	0.000	0.125	18.00		[°C]					
10554	dTz	0.000	0.125	18.00		[°C]					
10555	dTz	0.000	0.125	18.00		[°C]					
10556	dTz	0.000	0.125	18.00		[°C]					
10557	dTz	0.000	0.125	18.00		[°C]					
10558	dTz	0.000	0.125	18.00		[°C]					
10559	dTz	0.000	0.125	18.00		[°C]					
10560	dTz	0.000	0.125	18.00		[°C]					
10561	dTz	0.000	0.125	18.00		[°C]					
10562	dTz	0.000	0.125	18.00		[°C]					
10563	dTz	0.000	0.125	18.00		[°C]					
10564	dTz	0.000	0.125	18.00		[°C]					
10565	dTz	0.000	0.125	18.00		[°C]					
10566	dTz	0.000	0.125	18.00		[°C]					
10567	dTz	0.000	0.125	18.00		[°C]					
10568	dTz	0.000	0.125	18.00		[°C]					
10569	dTz	0.000	0.125	18.00		[°C]					
10570	dTz	0.000	0.125	18.00		[°C]					
10571	dTz	0.000	0.125	18.00		[°C]					
10572	dTz	0.000	0.125	18.00		[°C]					
10573	dTz	0.000	0.125	18.00		[°C]					
10574	dTz	0.000	0.125	18.00		[°C]					
10575	dTz	0.000	0.125	18.00		[°C]					
10576	dTz	0.000	0.125	18.00		[°C]					
10577	dTz	0.000	0.125	18.00		[°C]					
10578	dTz	0.000	0.125	18.00		[°C]					
10579	dTz	0.000	0.125	18.00		[°C]					
10580	dTz	0.000	0.125	18.00		[°C]					
10581	dTz	0.000	0.125	18.00		[°C]					
10582	dTz	0.000	0.125	18.00		[°C]					
10583	dTz	0.000	0.125	18.00		[°C]					
10584	dTz	0.000	0.125	18.00		[°C]					
10585	dTz	0.000	0.125	18.00		[°C]					
10586	dTz	0.000	0.125	18.00		[°C]					
10587	dTz	0.000	0.125	18.00		[°C]					
10588	dTz	0.000	0.125	18.00		[°C]					
10589	dTz	0.000	0.125	18.00		[°C]					
10590	dTz	0.000	0.125	18.00		[°C]					
10591	dTz	0.000	0.125	18.00		[°C]					
10592	dTz	0.000	0.125	18.00		[°C]					
10593	dTz	0.000	0.125	18.00		[°C]					
10594	dTz	0.000	0.125	18.00		[°C]					
10595	dTz	0.000	0.125	18.00		[°C]					
10596	dTz	0.000	0.125	18.00		[°C]					
10597	dTz	0.000	0.125	18.00		[°C]					
10598	dTz	0.000	0.125	18.00		[°C]					
10599	dTz	0.000	0.125	18.00		[°C]					