PRILOGA 1C

NASLOVNA STRAN NAČRTA

PODATKI O GRADNJI		
naziv gradnje		**MFE Dom starejših na Fari**
kratek opis gradnje		**Izvedba nadstreška za izgradnjo MFE Dom starejših na Fari na obstoječem parkirišču**
VRSTE GRADNJE	☑	**NOVOGRADNJA - NOVOZGRAJEN OBJEKT**
označiti vse ustrezne vrste gradnje	☐	**NOVOGRADNJA - PRIZIDAVA**
	☐	**REKONSTRUKCIJA**
	☐	**SPREMEMBA NAMEMBNOSTI**
	☐	**ODSTRANITEV CELOTNEGA OBJEKTA**
	☐	**LEGALIZACIJA**
	☐	**MANJŠA REKONSTRUKCIJA**
PODATKI O PROJEKTNI DOKUMENTACIJI		
vrsta dokumentacije		**PZR (Projekt za razpis)**
številka projekta		**TREO-P-082-24-E**
PODATKI O NAČRTU		
strokovno področje načrta		**2 - načrt s področja gradbeništva**
naziv načrta		**Načrt za izvedbo razpisa**
številka načrta		**24-P064-K**
datum izdelave		**sep.24**
datum spremembe		
PODATKI O PROJEKTANTU NAČRTA		
projektant načrta (naziv družbe)		**PROBIT d.o.o.**
naslov		**Partizanska cesta 3, 2000 Maribor**
odgovorna oseba projektanta načrta		**Nikola Lešič, univ. dipl. inž. grad.**
podpis odgovorne osebe projektanta načrta		PROBIT d.o.o. Projektiranje gradbenih objektov Partizanska cesta 3-5, 2000 Maribor probit.si probit@siol.net
PODATKI O IZDELOVALCU NAČRTA		
ime in priimek pooblaščenega arhitekta, pooblaščenega inženirja		**Vid Lešič, mag. inž. grad.**
identifikacijska številka		**G-4647**
podpis pooblaščenega arhitekta, pooblaščenega inženirja		VID LEŠIČ mag.inž.grad. IZS P| G-4647

probit d.o.o.
Projektiranje gradbenih objektov

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1. Table of contents

1. Table of contents 1
2. Tehnično poročilo 3
2.1. Tekstualni del 3
2.1.1. Opis objekta - splošno 3
2.1.2. Dilatacjiske enote 3
2.1.3. Zasnova - statični sistem 3
2.1.3.1. Računski pristop 3
2.1.3.2. Nosilna konstrukcija 3
2.1.3.3. Temeljenje 3
2.1.3.4. Varovanje gradbene jame 3
2.1.3.5. Potresna zasnova 3
2.1.4. Obtežbe 3
2.1.4.1. Stalne obtežbe 3
2.1.4.2. Spremenljive obtežbe 3
2.1.4.3. Koristne obtežbe 3
2.1.4.4. Druge vertikalne spremenljive obtežbe 3
2.1.4.5. Vremenski vplivi 3
2.1.4.5.1. Sneg 3
2.1.4.5.2. Veter 3
2.1.4.6. Potres 4
2.1.4.7. Ostale obtežbe 4
2.1.5. Deformacije 4
2.1.6. Požarna varnost 4
2.1.7. Konstrukcijski materiali 4
2.1.7.1. Beton 4
2.1.7.2. Jeklo 4
2.1.8. Uporabljeni standardi in predpisi 4
2.1.9. Povzetek geomehanskega pročila 4
2.1.10. Opis tehnologij 4
3. Računski del 5
3.1. Splošni pregled konstrukcije 5
3.1.1. Izometrični pogled 5
3.1.2. Izometrični pogled 5
3.1.3. Pogled v x-smeri 6
3.1.4. Pogled v y-smeri 6
3.1.5. Pogled v z-smeri 7
3.1.6. Materiali 7
3.1.7. Prečni prerezi 7
3.1.8. Računski model 10
3.1.9. Popis materiala 11
3.2. Podpore 11
3.2.1. Linijske podpore 12
3.2.2. Togosti temeljnih tal 12
3.3. 1D elementi 12
3.3.1. Členki na 1D elementih 12
3.4. Obtežbe 13
3.4.1. Setup manager 13
3.4.2. Setup manager 13
3.4.3. Stalne obtežbe 14
3.4.4. Obtežni primeri - tabelarični prikaz 14
3.4.5. Seismic spectrums 14
3.4.6. Skupine mas 15
3.4.7. Kombinacije mas 15
3.4.8. Podatki modalne analize 15
3.4.9. Obtežni primeri - grafični prikaz 16
3.4.9.1. Obtežni primeri - grafični prikaz - G1 16
3.4.9.2. Obtežni primeri - grafični prikaz - G2 16
3.4.9.3. Obtežni primeri - grafični prikaz - S1 17
3.4.9.4. Obtežni primeri - grafični prikaz - 3DWind1 17
3.4.9.5. Obtežni primeri - grafični prikaz - 3DWind2 18
3.4.9.6. Obtežni primeri - grafični prikaz - 3DWind3 18
3.4.9.7. Obtežni primeri - grafični prikaz - 3DWind4 19
3.4.9.8. Obtežni primeri - grafični prikaz - 3DWind5 19
3.4.9.9. Obtežni primeri - grafični prikaz - 3DWind6 20
3.4.9.10. Obtežni primeri - grafični prikaz - 3DWind7 20
3.4.9.11. Obtežni primeri - grafični prikaz - 3DWind8 21
3.4.9.12. Obtežni primeri - grafični prikaz - H1 21
3.4.9.13. Obtežni primeri - grafični prikaz - ERQ-x 22

Partizanska cesta 3-5, 2000 Maribor
tel: 02-2523-383, tel.: 041-513-468
e-mail: probit1@siol.net

3.4.9.14. Obtežni primeri - grafični prikaz - ERQ-y 22
3.4.10. Kategorije obtežb 23
3.4.11. Ovojnice kombinacij 26
3.5. Rezultati statične analize - vplivi obtežb 26
3.5.1. 1D elementi 26
3.5.1.1. Linearna analiza 26
3.5.1.1.1. Linearna analiza - Layer1 26
3.5.1.1.1.1. Notranje statične količine 26
3.5.1.1.1.2. NSK - N 27
3.5.1.1.1.3. NSK - V_y 28
3.5.1.1.1.4. NSK - V_z 28
3.5.1.1.1.5. NSK - M_y 29
3.5.1.1.1.6. NSK - M_z 29
3.6. Dimenzioniranje konstrukcijskih elementov 30
3.6.1. Temelji 30
3.6.1.1. Reactions; R_z 30
3.6.2. Betonski konstrukcijski elementi 31
3.6.2.1. 1D elementi 31
3.6.2.1.1. Temelji 31
3.6.2.1.2. Temelji - zagotovljena armatura 33
3.6.2.1.3. Izkoriščenost prerezov z dejansko armaturo 34
3.6.3. Jekleni konstrukcijski elementi 35
3.6.3.1. 1D elementi 35
3.6.3.1.1. Uklonske dolžine konstrukcijskih elementov 35
3.6.3.1.2. Uklonske dolžine - grafični prikaz 39
3.6.3.1.2.1. Uklonske dolžine - grafični prikaz - Layer1 39
3.6.3.1.2.1.1. Uklonske dolžine ly 39
3.6.3.1.2.1.2. Uklonske dolžine lz 40
3.6.3.1.3. Ovojnice kombinacij za dimenzioniranje (MSN) 40
3.6.3.1.3.1. Ovojnice kombinacij za dimenzioniranje (MSN) - All ULS 40
3.6.3.1.3.1.1. Dimenzioniranje jeklenih konstrukcijskih elementov v skladu z EN 1993 40
3.6.3.1.3.1.2. Izkoriščenosti jeklenih konstrukcijskih elementov 43
3.6.3.1.4. Result classes 43
3.6.3.1.4.1. Result classes - All SLS 43
3.6.3.1.4.1.1. Deformacuje u_x 47
3.6.3.1.4.1.2. Deformacuje u_y 47
3.6.3.1.4.1.3. Relativne deformacije u_y 48
3.6.3.1.4.1.4. Deformacije u_z 48
3.6.3.1.4.1.5. Relativne deformacije u_z 49
3.6.3.1.4.1.6. Pomiki vozlišč 49
3.6.3.1.4.1.7. U_x; U_y; U_z 56
3.6.3.1.4.1.8. Omejitve relativnih deformacij za posamezne elemente 56
3.6.3.1.4.1.9. Omejitev deformacij za variable load y 59
3.6.3.1.4.1.10. Omejitev deformacij za variable load z 60
3.6.3.1.4.1.11. Omejitev deformacij za total load y 60
3.6.3.1.4.1.12. Omejitev deformacij za total load z 61
3.6.3.1.4.1.13. Kontrola deformacij za jeklene konstrukcijske elemente 61
3.6.3.1.4.1.14. Izkoriščenosti omejitev relativnih deformacij 65
4. Grafični del 66
4.1. Pregled profilov - nadstrešek 1 66
4.2. Pregled profilov - nadstrešek 2 67
4.3. Prikaz dimenzij pasovnih temeljev 68
4.4. Prikaz armiranja pasovnih temeljev 69
4.5. Prikaz armiranja pasovnega temelja 60/60 cm 70
4.6. Prikaz armiranja pasovnega temelja 40/60 cm 71

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Projektiranje gradbenih objektov

Partizanska cesta 3-5, 2000 Maribor
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2. Tehnično poročilo

2.1. Tekstualni del

2.1.1. Opis objekta - splošno

Investitor Dom starejših na Fari, namerava zgraditi malo sončno elektrarno MFE na naslovu na Fari 50, 2391 Prevalje, k.o. 884- Farna vas, parc. št. 134/7. Sončna elektrarna bo nameščena na nadstrešnicah na obstoječem parkirišču. V projektu za razpis sta obravnavana dva tipa nadstrešnic.

2.1.2. Dilatacjiske enote

Predvidene so štiri ločene nadstrešnice.

2.1.3. Zasnova - statični sistem

2.1.3.1. Računski pristop

Konstrukcijo smo obravnavali kot 3D prostorsko konstrukcijo. Uporabljeni so linijski elementi. Linijske elemente smo uporabili za statični izračun ab okvirjev, ploskovne elemente pa za izračun sten in plošč. Sam statični izračun je bil izveden z metodo končnih elementov.

2.1.3.2. Nosilna konstrukcija

Nosilna konstrukcija sestoji iz več zaporednih okvirjev na rastru 6 m. Spoji med stebri, primarnimi in sekundarnimi nosilci so togi kar zagotavlja bočno stabilnost okvirjev in tvori momentni okvir v obeh smereh. Izračun spojev jeklene konstrukcije bo izveden v PZI načrtu gradbenih konstrukcij.

2.1.3.3. Temeljenje

Objekt je temeljen s plitvim temeljenjem. Izvedeni so AB pasovni temelji širine 40 in 60 cm in globine 60 cm. Kota temeljenja je 80 cm. Pred vgradnjo tamponskega nasipa mora geomehanik prevzeti temeljna tla in potrditi njihovo nosilnost.

2.1.3.4. Varovanje gradbene jame

Vsi izkopi so plitvi, zato posebni ukrepi za varovanje gradbene jame niso predvideni.

2.1.3.5. Potresna zasnova

Objekt je zasnovan kot jeklena konstrukcija iz momentnih okvirjev. V izračunu je upoštevan projektni postešek tal 0,15 g in tip tal C v skladu z napotki geomehanika.

2.1.4. Obtežbe

2.1.4.1. Stalne obtežbe

Stalne obtežbe so privzete po SIST EN 1991-1-1:2004 in nacionalnem dodatku /A101. Lastno težo konstrukcijskih elementov upošteva program avtomatsko. Ostale stalne obtežbe smo vnesli kot točkovne, linijske ali ploskovne obtežbe v skladu s projektom arhitekture.

2.1.4.2. Spremenljive obtežbe

Koristne in spremenljive obtežbe so prevzete po SIST EN 1991-1-1:2004 in nacionalnem dodatku /A101

2.1.4.3. Koristne obtežbe

Ker je streha mišljena zgolj kot varovalna konstrukcija pred naravnimi elementi je upoštevana le koristna obtežba servisiranja strehe 1 kN točkovno in 0,5 kN/m^2 površinsko.

2.1.4.4. Druge vertikalne spremenljive obtežbe

Drugih vertikalnih koristnih obtežb ni.

2.1.4.5. Vremenski vplivi

2.1.4.5.1. Sneg

Objekt se nahaja na nadmorski višini 410 m n.m. Nahaja se v področju cone A3. Objekt je običajno izpostavljen vetru, streha je klasična in ni velike toplotne prevodnosti. Karakteristična vrednost obtežbe snega Sk = 2,55 kN/m^2.

2.1.4.5.2. Veter

Objekt se nahaja v področju cone 1, v višinskem pasu do 800 m, kjer je določena projektna hitrost vetra 20 m/s (SIST EN 1991-1-4:2005/ oA101:2007). Teren je ravninski z zanemarljivim rastlinjem in brez ovir. Višina objekta je 3,4 m.

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2.1.4.6. Potres

Temeljna tla so klasificirana kot tip tal C. Kategorija stavbe je I in projektni pospešek tal je 0,15 g.

2.1.4.7. Ostale obtežbe

Ostalih obtežb ni.

2.1.5. Deformacije

Preračun deformacij in pomikov ima svojo kombinacijo obtežb - MSU. Deformacije pri karakteristični obtežni kombinaciji v skladu z dogovorom z naročnikom niso tako bistvene zaradi zasnove objekta (naklona strehe).

2.1.6. Požarna varnost

Zahteve za požarno odpornost objekta niso bile podane.

2.1.7. Konstrukcijski materiali

2.1.7.1. Beton

Predviden beton temejlev je kvalitete C25/30, XC2. Betonska dela se morajo izvajati v suhem vremenu. Izvajati se morajo skladno s predpisi. Po betonaži je potrebno izvajati nego betona skladno s standardi.

2.1.7.2. Jeklo

Uporabljeno je gradbeno jeklo, kot armatura v betonskih elementih kvalitete B 500B. Jeklo jeklene konstrukcije je S235 JR.

2.1.8. Uporabljeni standardi in predpisi

Pri izdelavi projekta smo upoštevali veljavno zakonodajo. Vsi elementi so dimenzionirani v skladu s standardi Eurocode: SIST EN 1990, SIST EN 1991, SIST EN 1992, SIST EN 1993, SIST EN 1997 in SIST EN 1998.

2.1.9. Povzetek geomehanskega pročila

Na podlagi poročila o geotehničnem prevzemu temeljnih tal na obstoječem nadstrešku na parkirišču so bile izračunane karakteristike in nosilnosti pasovnih temeljev novega nadstreška. Projektna nosilnost temeljnih tal za pasovne temelje znaša 187 kPa. Tip tal za potresno obtežbo je tip C.

2.1.10. Opis tehnologij

Pri vgrajevanju betonov je potrebno posebno pozornost posvetiti pravilni negi in vgradnji betona. Betoni morajo biti zvibrirani in nato negovan v času sušenja. Opaž mora biti na betonu vsaj 36 ur. Medetažne plošče je potrebno podpirati od temeljev navzgor 28 dni, da beton doseže svojo tlačno trdnost.

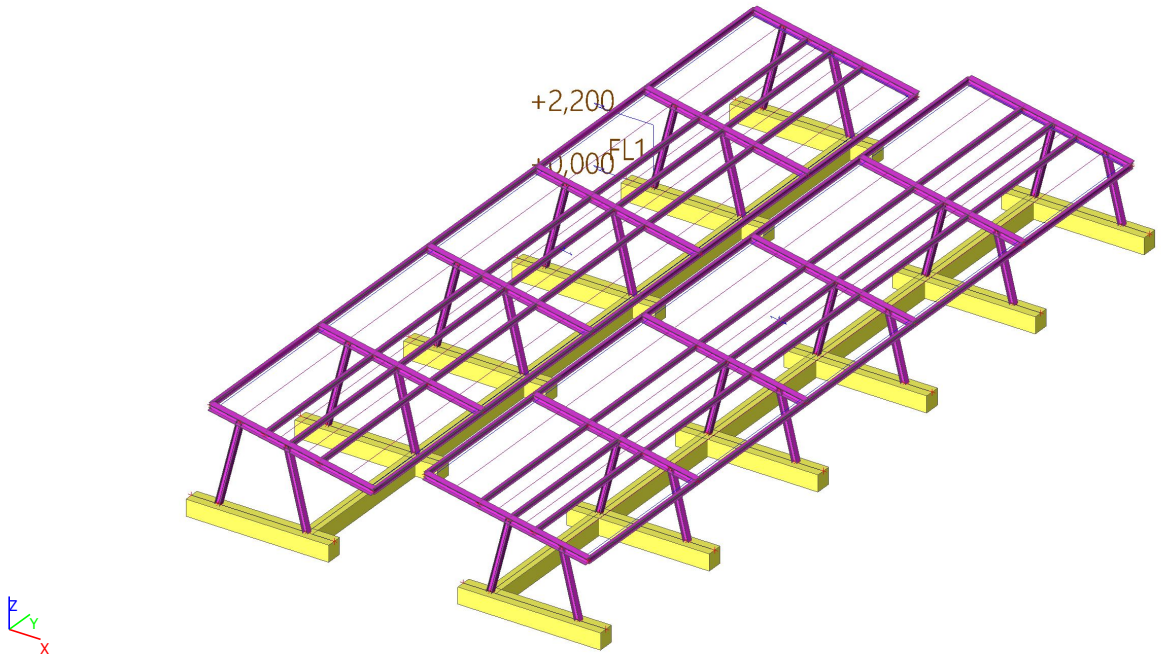
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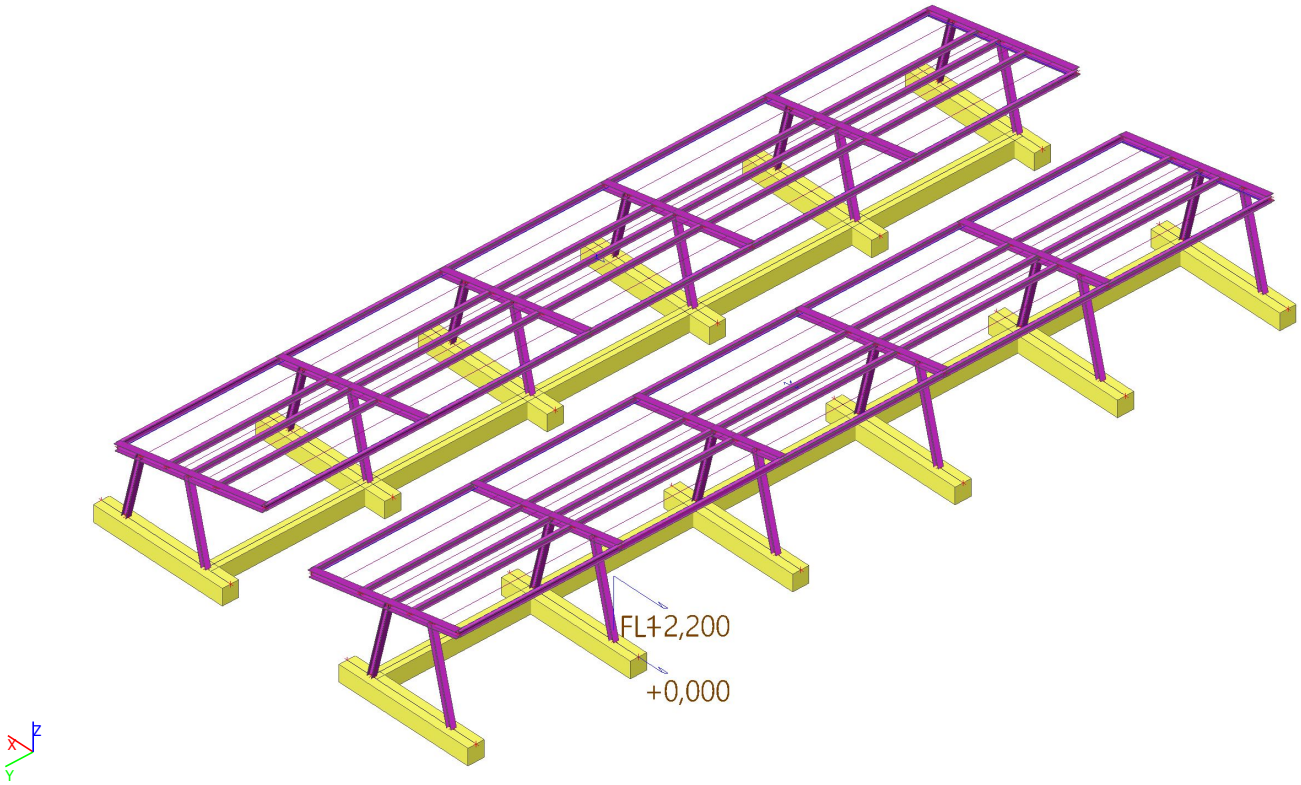
3. Računski del

3.1. Splošni pregled konstrukcije

3.1.1. Izometrični pogled



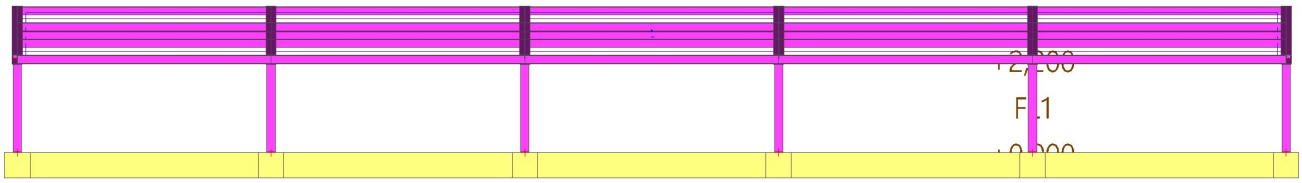
3.1.2. Izometrični pogled



probit d.o.o.
Projektiranje gradbenih objektov

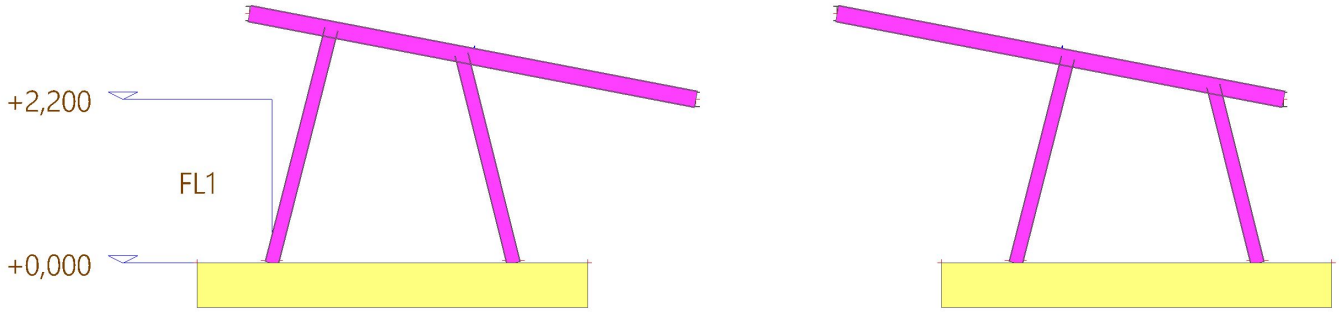
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3.1.3. Pogled v x-smeri





3.1.4. Pogled v y-smeri

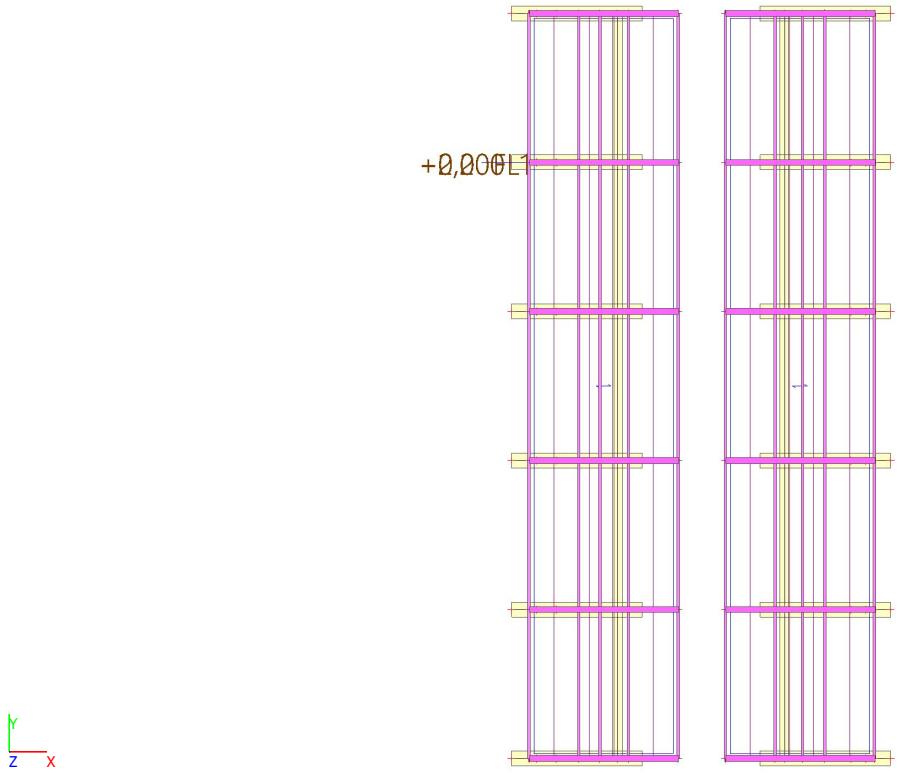




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3.1.5. Pogled v z-smeri



3.1.6. Materiali

Steel EC3

Name	Unit mass [kg/m³]	E mod [MPa]	Poisson - nu	Lower limit [mm]	Upper limit [mm]	Fy (range) [MPa]	Fu (range) [MPa]
		G mod [MPa]	Thermal exp [m/mK]				
S 235	7850,00	2,1000e+05	0.3	0,00	40,00	235,0	360,0
		8,0769e+04	0,01e-003	40,00	80,00	215,0	360,0

Concrete EC2

Name	Type	Unit mass [kg/m³]	E mod [MPa]	Poisson - nu	Thermal exp [m/mK]	Characteristic compressive cylinder strength fck(28) [MPa]
C25/30	Concrete	2500,00	3,1500e+04	0.2	0,01e-003	25,00

Reinforcement EC2

Name	Type	Unit mass [kg/m³]	E mod [MPa]	G mod [MPa]	Thermal exp [m/mK]	Characteristic yield strength fyk [MPa]
B 500B	Reinforcement steel	7850,00	2,0000e+05	8,3333e+04	0,01e-003	500,0

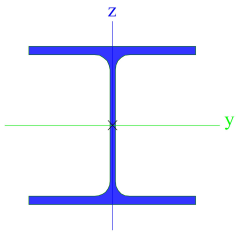
3.1.7. Prečni prerezi

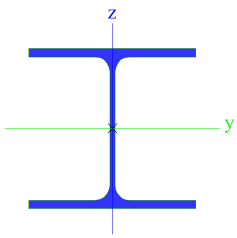
CS1		
Type	HEA200	
Formcode	1 - I section	
Shape type	Thin-walled	
Item material	S 235	
Fabrication	rolled	
Flexural buckling y-y,	b	c

Flexural buckling z-z		
A [mm²]	5,3800e+03	
A_y [mm²], A_z [mm²]	3,8781e+03	1,3287e+03
I_y [mm⁴], I_z [mm⁴]	3,6900e+07	1,3400e+07
W_{ely} [mm³], W_{elz} [mm³]	3,8900e+05	1,3400e+05
W_{ply} [mm³], W_{plz} [mm³]	4,2917e+05	2,0375e+05
I_w [mm⁶], I_t [mm⁴]	1,0800e+11	2,1000e+05

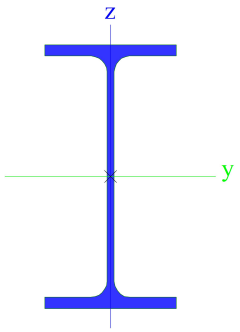
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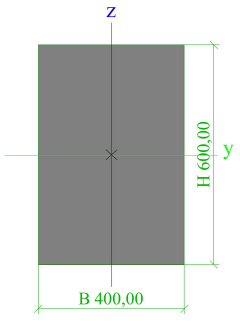
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d_y [mm], d_z [mm]	0,00	0,00
c_{YUCS} [mm], c_{ZUCS} [mm]	100,00	95,00
α [deg]	0,00	
M_{ply+} [Nmm], M_{ply-} [Nmm]	101024052,22	101024052,22
M_{plz+} [Nmm], M_{plz-} [Nmm]	47909059,64	47909059,64
AL [m^2/m], AD [m^2/m]	1,1400e+00	1,1360e+00
β y [mm], β z [mm]	0,00	0,00
Picture		

CS2		
Type	HEA240	
Formcode	1 - I section	
Shape type	Thin-walled	
Item material	S 235	
Fabrication	rolled	
Flexural buckling y-y, Flexural buckling z-z	b	c
A [mm^2]	7,6800e+03	
A_y [mm^2], A_z [mm^2]	5,5540e+03	1,8522e+03
I_y [mm^4], I_z [mm^4]	7,7600e+07	2,7700e+07
W_{ely} [mm^3], W_{elz} [mm^3]	6,7500e+05	2,3100e+05
W_{ply} [mm^3], W_{plz} [mm^3]	7,4583e+05	3,5167e+05
I_w [mm^6], I_t [mm^4]	3,2849e+11	4,1600e+05
d_y [mm], d_z [mm]	0,00	0,00
c_{YUCS} [mm], c_{ZUCS} [mm]	120,00	115,00
α [deg]	0,00	
M_{ply+} [Nmm], M_{ply-} [Nmm]	175143836,13	175143836,13
M_{plz+} [Nmm], M_{plz-} [Nmm]	82666467,47	82666467,47
AL [m^2/m], AD [m^2/m]	1,3700e+00	1,3688e+00
β y [mm], β z [mm]	0,00	0,00
Picture		

CS3		
Type	IPE200	
Formcode	1 - I section	
Shape type	Thin-walled	
Item material	S 235	
Fabrication	rolled	
Flexural buckling y-y, Flexural buckling z-z	a	b
A [mm^2]	2,8500e+03	
A_y [mm^2], A_z [mm^2]	1,7729e+03	1,1448e+03
I_y [mm^4], I_z [mm^4]	1,9430e+07	1,4230e+06
W_{ely} [mm^3], W_{elz} [mm^3]	1,9430e+05	2,8470e+04
W_{ply} [mm^3], W_{plz} [mm^3]	2,2060e+05	4,4610e+04
I_w [mm^6], I_t [mm^4]	1,2980e+10	6,9150e+04
d_y [mm], d_z [mm]	0,00	0,00
c_{YUCS} [mm], c_{ZUCS} [mm]	50,00	100,00

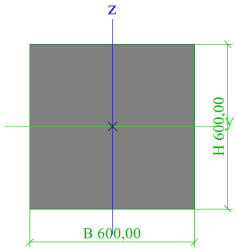
α [deg]	0,00	
M_{ply+} [Nmm], M_{ply-} [Nmm]	51897038,90	51897038,90
M_{plz+} [Nmm], M_{plz-} [Nmm]	10487720,20	10487720,20
AL [m^2/m], AD [m^2/m]	7,6810e-01	7,6810e-01
β y [mm], β z [mm]	0,00	0,00
Picture		

Pasovni temelj 40/60		
Type	Rectangle	
Detailed	600,00; 400,00	
Shape type	Thick-walled	
Item material	C25/30	
Fabrication	concrete	
A [mm^2]	2,4000e+05	
A_y [mm^2], A_z [mm^2]	2,0010e+05	2,0005e+05
I_y [mm^4], I_z [mm^4]	7,2000e+09	3,2000e+09
W_{ely} [mm^3], W_{elz} [mm^3]	2,4000e+07	1,6000e+07
W_{ply} [mm^3], W_{plz} [mm^3]	0,0000e+00	0,0000e+00
I_w [mm^6], I_t [mm^4]	1,5536e+13	7,5198e+09
d_y [mm], d_z [mm]	0,00	0,00
c_{YUCS} [mm], c_{ZUCS} [mm]	200,00	300,00
α [deg]	0,00	
M_{ply+} [Nmm], M_{ply-} [Nmm]	0,00	0,00
M_{plz+} [Nmm], M_{plz-} [Nmm]	0,00	0,00
AL [m^2/m], AD [m^2/m]	2,0000e+00	2,0000e+00
β y [mm], β z [mm]	0,00	0,00
Picture		

Pasovni temelj 60/60		
Type	Rectangle	
Detailed	600,00; 600,00	
Shape type	Thick-walled	
Item material	C25/30	
Fabrication	concrete	
A [mm^2]	3,6000e+05	
A_y [mm^2], A_z [mm^2]	3,0012e+05	3,0012e+05
I_y [mm^4], I_z [mm^4]	1,0800e+10	1,0800e+10
W_{ely} [mm^3], W_{elz} [mm^3]	3,6000e+07	3,6000e+07
W_{ply} [mm^3], W_{plz} [mm^3]	0,0000e+00	0,0000e+00
I_w [mm^6], I_t [mm^4]	6,2800e+12	1,8227e+10

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d_y [mm], d_z [mm]	0,00	0,00
c_{YUCS} [mm], c_{ZUCS} [mm]	300,00	300,00
α [deg]	0,00	
M_{ply+} [Nmm], M_{ply-} [Nmm]	0,00	0,00
M_{plz+} [Nmm], M_{plz-} [Nmm]	0,00	0,00
AL [m^2/m], AD [m^2/m]	2,4000e+00	2,4000e+00
β y [mm], β z [mm]	0,00	0,00
Picture		

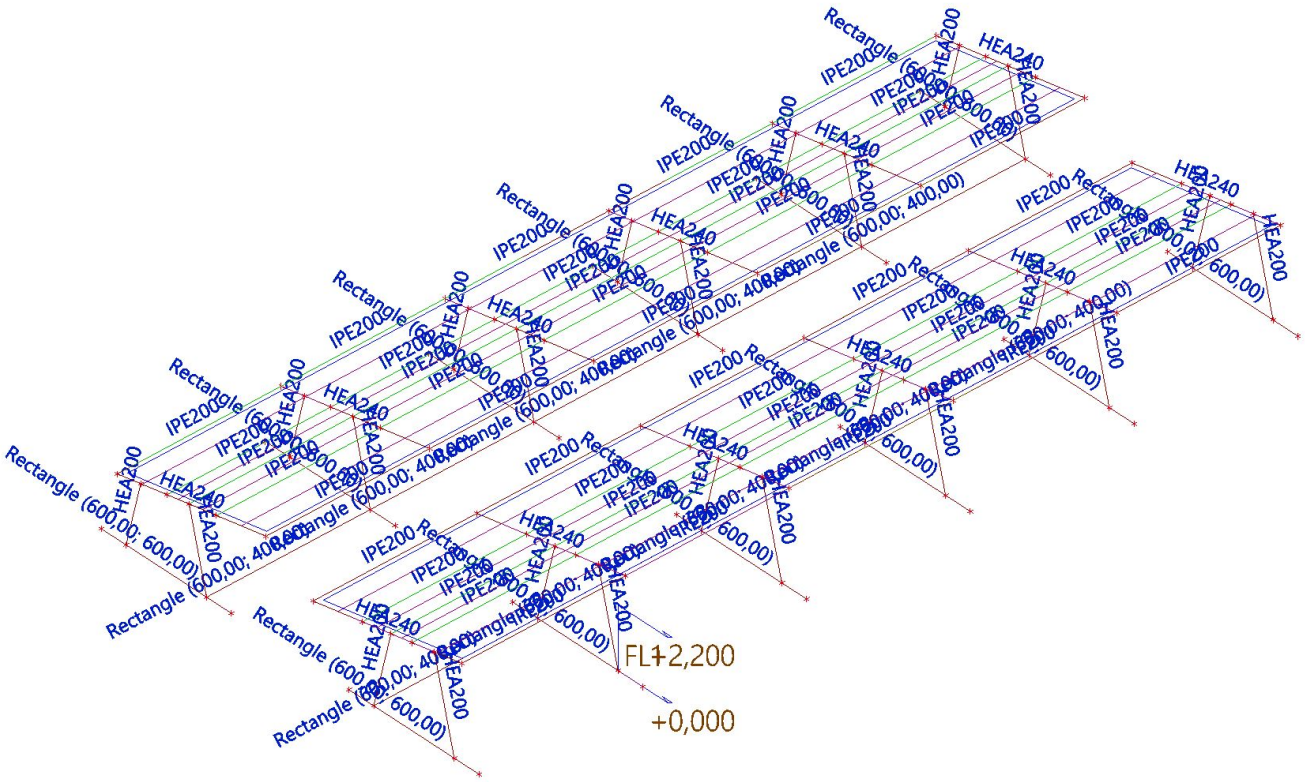
Explanations of symbols	
Formcode	h - Height b - Flange width t - Flange thickness s - Web thickness r - Radius at flange root r1 - Radius at flange toe a - Flange slope W - Internal bolt distance wm - Unit warping at flange toe
A	Area
A_y	Shear Area in principal y-direction
A_z	Shear Area in principal z-direction
I_y	Second moment of area about the principal y-axis
I_z	Second moment of area about the principal z-axis
W_{ely}	Elastic section modulus about the principal y-axis
W_{elz}	Elastic section modulus about the principal z-axis
W_{ply}	Plastic section modulus about the principal y-axis
W_{plz}	Plastic section modulus about the principal z-axis
I_w	Warping constant
I_t	Torsional constant
d_y	Shear center coordinate in principal y-direction measured from the centroid

Explanations of symbols	
d_z	Shear center coordinate in principal z-direction measured from the centroid
c_{YUCS}	Centroid coordinate in Y-direction of Input axis system
c_{ZUCS}	Centroid coordinate in Z-direction of Input axis system
α	Rotation angle of the principal axis system
I_{YZLCS}	Product moment of area in the LCS system
M_{ply+}	Plastic moment about the principal y-axis for a positive My moment
M_{ply-}	Plastic moment about the principal y-axis for a negative My moment
M_{plz+}	Plastic moment about the principal z-axis for a positive Mz moment
M_{plz-}	Plastic moment about the principal z-axis for a negative Mz moment
AL	Circumference per unit length
AD	Drying surface per unit length
β y	Mono-symmetry constant about the principal y-axis
β z	Mono-symmetry constant about the principal z-axis

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3.1.8. Računski model



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3.1.9. Popis materiala

Selection: All
Type of sorting: Material

Summary

Material	Mass [kg]	Surface [m²]	Volume [mm³]
Steel	14027,93	409,049	1,7870e+09
Reinforcement steel	2532,54		
Concrete	92700,00	271,200	3,7080e+10
Total	109260,47	680,249	3,8867e+10

Note: Value 'Surface' represents for 1D members the total exposed surface area, while for 2D members it corresponds only to the surface area of the centroidal plane.

Steel (1D)

Material	Density [kg/m³]	Mass [kg]	Surface [m²]	Volume [mm³]
S 235	7850,00	14027,93	409,049	1,7870e+09
Total		14027,93	409,049	1,7870e+09

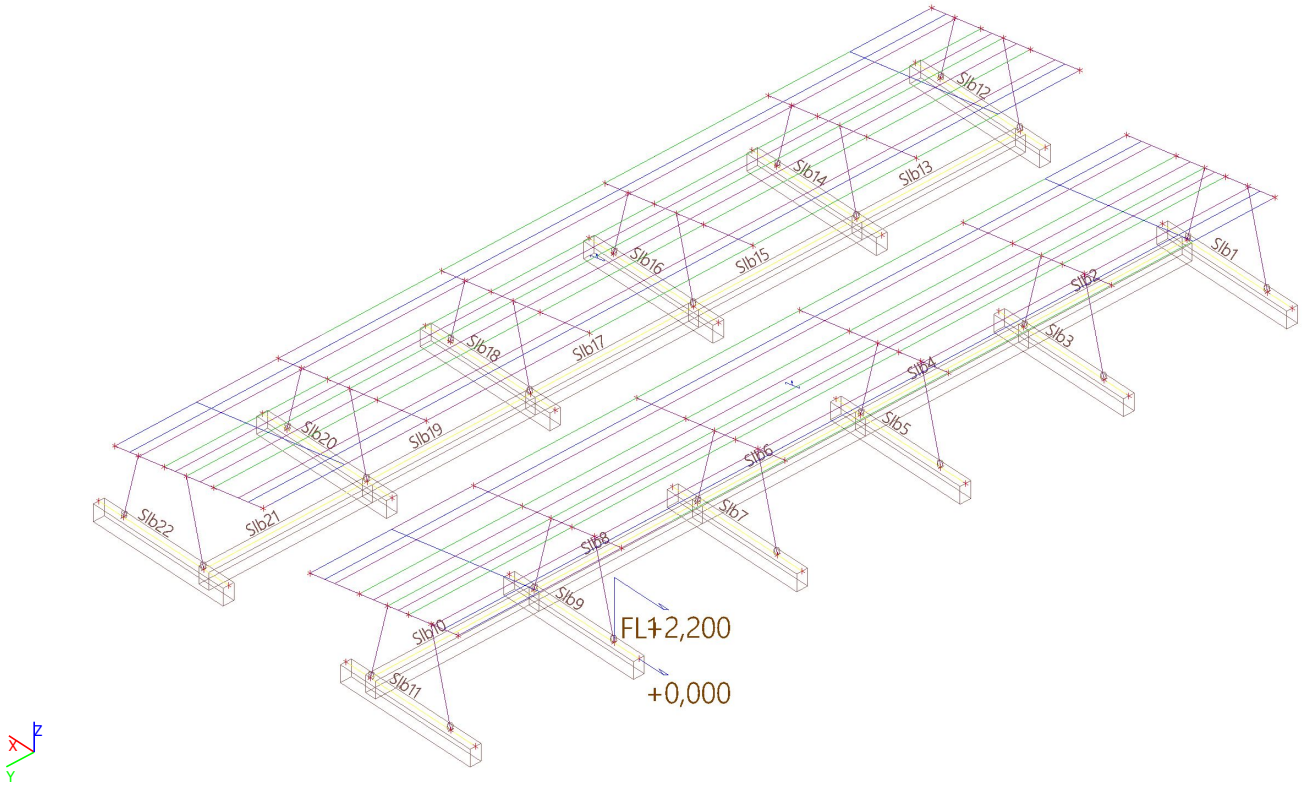
Concrete (1D)

Material	Density [kg/m³]	Mass [kg]	Surface [m²]	Volume [mm³]
C25/30	2500,00	92700,00	271,200	3,7080e+10
Total		92700,00	271,200	3,7080e+10

Reinforcement steel (1D)

Material	Unit mass [kg/m³]	Mass [kg]	Total length [m]
B 500B	7850,00	2532,54	3074,660
Total		2532,54	3074,660

3.2. Podpore



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3.2.1. Linijske podpore

Name	Type	Member System	Pos x_1 Pos x_2	Coor Orig
Slb1	Foundation strip	B88	0.000	Rela
		LCS	1.000	From start
Slb2	Foundation strip	B89	0.000	Rela
		LCS	1.000	From start
Slb3	Foundation strip	B90	0.000	Rela
		LCS	1.000	From start
Slb4	Foundation strip	B91	0.000	Rela
		LCS	1.000	From start
Slb5	Foundation strip	B92	0.000	Rela
		LCS	1.000	From start
Slb6	Foundation strip	B93	0.000	Rela
		LCS	1.000	From start
Slb7	Foundation strip	B94	0.000	Rela
		LCS	1.000	From start
Slb8	Foundation strip	B95	0.000	Rela
		LCS	1.000	From start
Slb9	Foundation strip	B96	0.000	Rela
		LCS	1.000	From start
Slb10	Foundation strip	B97	0.000	Rela
		LCS	1.000	From start
Slb11	Foundation strip	B98	0.000	Rela
		LCS	1.000	From start
Slb12	Foundation strip	B99	0.000	Rela
		LCS	1.000	From start
Slb13	Foundation strip	B100	0.000	Rela
		LCS	1.000	From start
Slb14	Foundation strip	B101	0.000	Rela
		LCS	1.000	From start
Slb15	Foundation strip	B102	0.000	Rela
		LCS	1.000	From start
Slb16	Foundation strip	B103	0.000	Rela
		LCS	1.000	From start
Slb17	Foundation strip	B104	0.000	Rela
		LCS	1.000	From start
Slb18	Foundation strip	B105	0.000	Rela
		LCS	1.000	From start
Slb19	Foundation strip	B106	0.000	Rela
		LCS	1.000	From start
Slb20	Foundation strip	B107	0.000	Rela
		LCS	1.000	From start
Slb21	Foundation strip	B108	0.000	Rela
		LCS	1.000	From start
Slb22	Foundation strip	B109	0.000	Rela
		LCS	1.000	From start

3.2.2. Togosti temeljnih tal

Name	C1x [MN/m³]	C1z	C1y [MN/m³]	Stiffness [MN/m³]	C2x [MN/m]	C2y [MN/m]
Sub1	1,8750e+01	Flexible	1,8750e+01	2,5000e+01	0,0000e+00	0,0000e+00

3.3. 1D elementi

3.3.1. Členki na 1D elementih

Name	Position	ux	uy	uz	fix	fiy	fiz
H1	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H2	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H3	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H4	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H5	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H6	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H7	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H8	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H9	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free

Name	Position	ux	uy	uz	fix	fiy	fiz
H10	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H11	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H12	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H13	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H14	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H15	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H16	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H17	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H18	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free

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Name	Position	ux	uy	uz	fix	fiy	fiz
H19	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H20	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H21	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free

Name	Position	ux	uy	uz	fix	fiy	fiz
H22	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H23	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free
H24	Begin	Rigid	Rigid	Rigid	Rigid	Free	Free

3.4. Obtežbe

3.4.1. Setup manager

(STR/GEO) alternative

Combination	Eq.6.10

Psi factors

Load	Psi0	Psi1	Psi2
CategoryA	0.7	0.5	0.3
CategoryB	0.7	0.5	0.3
CategoryC	0.7	0.7	0.6
CategoryD	0.7	0.7	0.6
CategoryE	1	0.9	0.8
CategoryF	0.7	0.7	0.6
CategoryG	0.7	0.5	0.3
CategoryH	0	0	0
Snow	0.5	0.2	0
Wind	0.6	0.2	0
Temperature	0.6	0.5	0
Construction loads	1	0	0.2

Load combination factors

Permanent action - unfavorable	1,35
Permanent action - favorable	1,00
Leading variable action	1,50
Accompanying variable action	1,50
Reduction factor ksi	0,85
Permanent action - unfavorable	1,00
Permanent action - favorable	1,00
Leading variable action	1,30
Accompanying variable action	1,30

3.4.2. Setup manager

EC code snow description

Sk - characteristic value of snow load [kN/m^2]	2,55
A - altitude above sea level [m]	410,000
Snow zone	A3
Type of combination	Snow load A <= 1000 m a.s.l.
Psi 0	0.5
Psi 1	0.2
Psi 2	0
Ce - exposure coefficient [-]	1,0
Ct - thermal coefficient [-]	1,0
Cesl - exceptional coefficient	By annex

Wind pressure according to EC1

V_b,0 - basic wind velocity [m/s]	20,000
ro - air density [kg/m^3]	1,25
c_dir - directional factor [-]	1,00
c_season - season factor [-]	1,00
1/p - life period of the building [year]	50,00
c_prob - probability factor [-]	1,00
K - shape factor [-]	0,20
n - exponent [-]	0,50
terrain category	II
z_min - minimal height [m]	2,000
Internal pressure for 2D wind	no internal pressure
Position of dominant face for 2D wind	front

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Openings dominant face for 2D wind	two times
External pressure for 3D wind	Use overall coefficients Cpe,10
Type of the structure	Vertical walls or rectangular buildings (EC1-1-4, 7.2.2)
b - width of the structure [m]	100,000
Reference level of terrain [m]	0,000

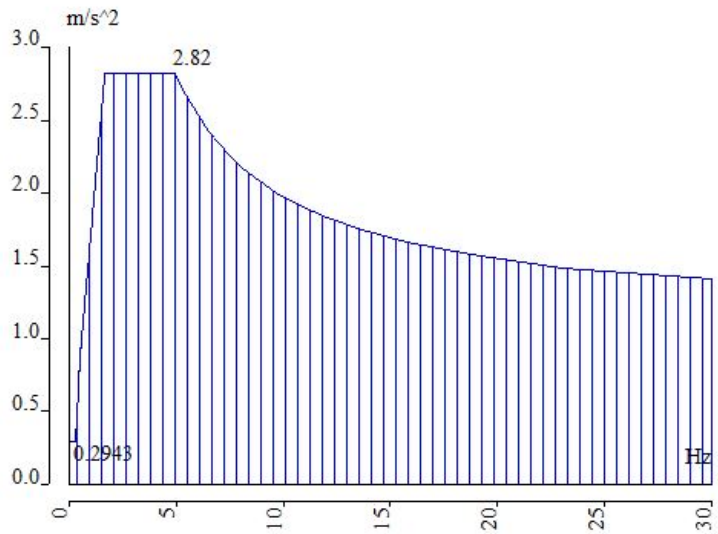
3.4.3. Stalne obtežbe

Empty table

3.4.4. Obtežni primeri - tabelarični prikaz

Name	Description	Action type	Load group	Load type	Spec	Direction	Duration	Master load case
G1	Lastna teža	Permanent	Stalne obtežbe	Self weight		-Z		
G2	Stalne obtežbe	Permanent	Stalne obtežbe	Standard				
S1	Sneg	Variable	Sneg	Static	Standard		Short	None
3DWind1	0, + CPE, + CPI	Variable	Veter	Static	Static wind			None
3DWind2	0, - CPE, - CPI	Variable	Veter	Static	Static wind			None
3DWind3	90, + CPE, + CPI	Variable	Veter	Static	Static wind			None
3DWind4	90, - CPE, - CPI	Variable	Veter	Static	Static wind			None
3DWind5	180, + CPE, + CPI	Variable	Veter	Static	Static wind			None
3DWind6	180, - CPE, - CPI	Variable	Veter	Static	Static wind			None
3DWind7	270, + CPE, + CPI	Variable	Veter	Static	Static wind			None
3DWind8	270, - CPE, - CPI	Variable	Veter	Static	Static wind			None
H1	Vzdrževanje	Variable	Vzdrževanje	Static	Standard		Short	None
ERQ-x	Potres - x smer	Variable	Potres	Static equivalent	Seismicity			None
ERQ-y	Potres - y smer	Variable	Potres	Static equivalent	Seismicity			None

3.4.5. Seismic spectrums

Name	Type drawing	Info	Drawing
UniqueID			
0.150-C	Frequency	Type code - EN 1998-1:2004 – Eurocode Subsoil type - C Direction - Horizontal Spectrum type - type 1 coeff accel. ag - 0.15 ag - design acceleration - 1.4715 beta - 0.2 q - behaviour factor - 1.5	

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3.4.6. Skupine mas

Name	Load case
MG1	G1 - Lastna teža
MG2	G2 - Stalne obtežbe

3.4.7. Kombinacije mas

Name	Mass group	Coeff. [-]
CM1	MG1	1,000
	MG2	1,000
CM1/1 - 1,52		
CM1/2 - 1,70		
CM1/3 - 5,58		
CM1/4 - 6,31		
CM1/5 - 6,65		
CM1/6 - 9,23		

3.4.8. Podatki modalne analize

Solution of Free vibration

Number of 2D elements	0
Number of 1D elements	324
Number of mesh nodes	264
Number of equations	1584
Combination of mass groups	CM1
Modification group	None
Number of frequencies	6
Method	Lanczos
Bending theory	Mindlin
Type of analysis model	Standard using improved reduced system (IRS)

Sum of masses

	Mass type	X [kg]	Y [kg]	Z [kg]
CM1	Moving mass	32711,36	32711,36	32711,36
CM1	Total mass	32711,36	32711,36	32711,36

Relative modal masses

Mode	ıega [rad/	Period [s]	Freq. [Hz]	Γ_{xi}	Γ_{yi}	Γ_{zi}	W_{xi}/W_{xtot}	W_{yi}/W_{ytot}	W_{zi}/W_{ztot}	$_{xi_R}/W_{xtot}$	$_{yi_R}/W_{ytot}$	$_{zi_R}/W_{ztot}$
1	9.56253	0,66	1,52	0,0000	174,7752	0,0000	0,0000	0,9338	0,0000	0,0002	0,0000	0,0034
2	10.6853	0,59	1,70	0,0000	21,7046	0,0000	0,0000	0,0144	0,0000	0,0000	0,0000	0,2526
3	35.0361	0,18	5,58	142,5467	0,0000	44,1283	0,6212	0,0000	0,0595	0,0000	0,0074	0,0000
4	39.6172	0,16	6,31	0,0000	0,4485	0,0000	0,0000	0,0000	0,0000	0,2212	0,0000	0,0035
5	41.7718	0,15	6,65	-78,5796	0,0000	82,1641	0,1888	0,0000	0,2064	0,0000	0,0043	0,0000
6	58.0007	0,11	9,23	57,5987	0,0000	-6,1889	0,1014	0,0000	0,0012	0,0000	0,0508	0,0000
							0,9114	0,9482	0,2671	0,2215	0,0625	0,2594

Seismicity

Number of 2D elements	0
Number of 1D elements	324
Number of mesh nodes	264
Use residual mode	×
Signed results	×
Load case	ERQ-x
Combination of mass groups	CM1
Bending theory	Mindlin
Type of analysis model	Standard using improved reduced system (IRS)

Seismicity

Number of 2D elements	0
Number of 1D elements	324

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Number of mesh nodes	264
Use residual mode	×
Signed results	×
Load case	ERQ-y
Combination of mass groups	CM1
Bending theory	Mindlin
Type of analysis model	Standard using improved reduced system (IRS)

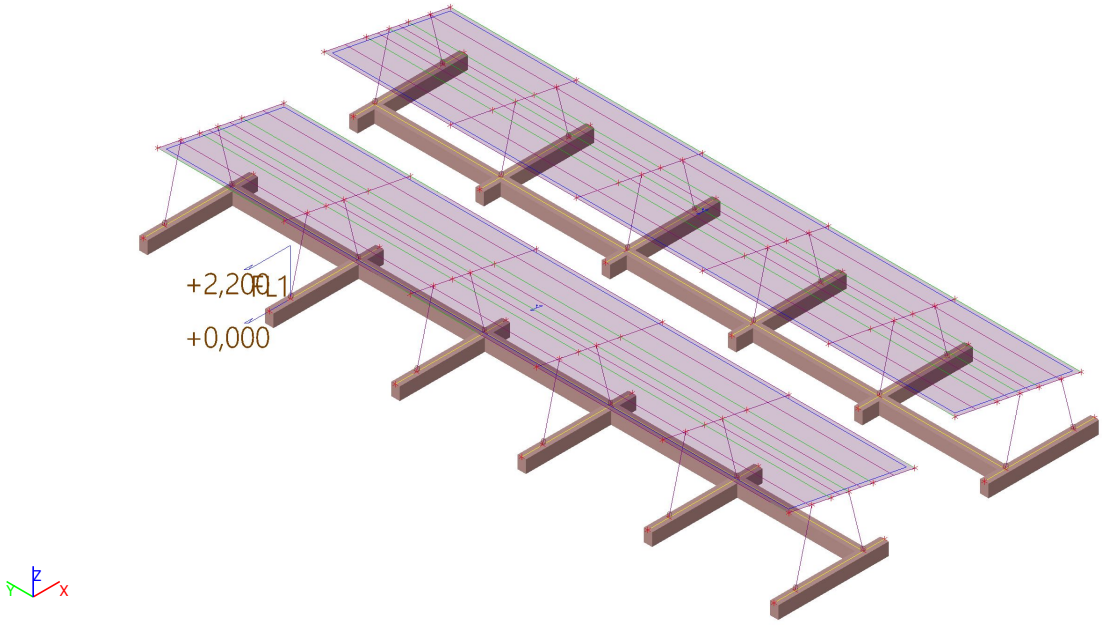
Calculation was performed with following assumptions:

Severity	Issue
Warning	Storeys "FL1" have no allocated members.

3.4.9. Obtežni primeri - grafični prikaz

3.4.9.1. Obtežni primeri - grafični prikaz - G1

Name	Description	Action type	Load group	Load type	Direction
G1	Lastna teža	Permanent	Stalne obtežbe	Self weight	-Z

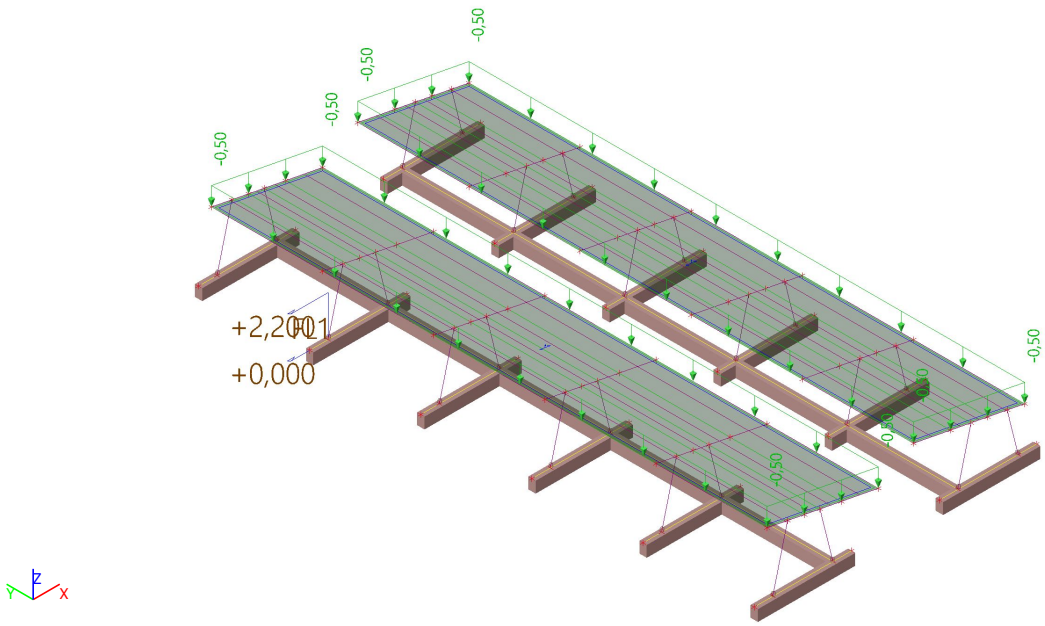


3.4.9.2. Obtežni primeri - grafični prikaz - G2

Name	Description	Action type	Load group	Load type
G2	Stalne obtežbe	Permanent	Stalne obtežbe	Standard

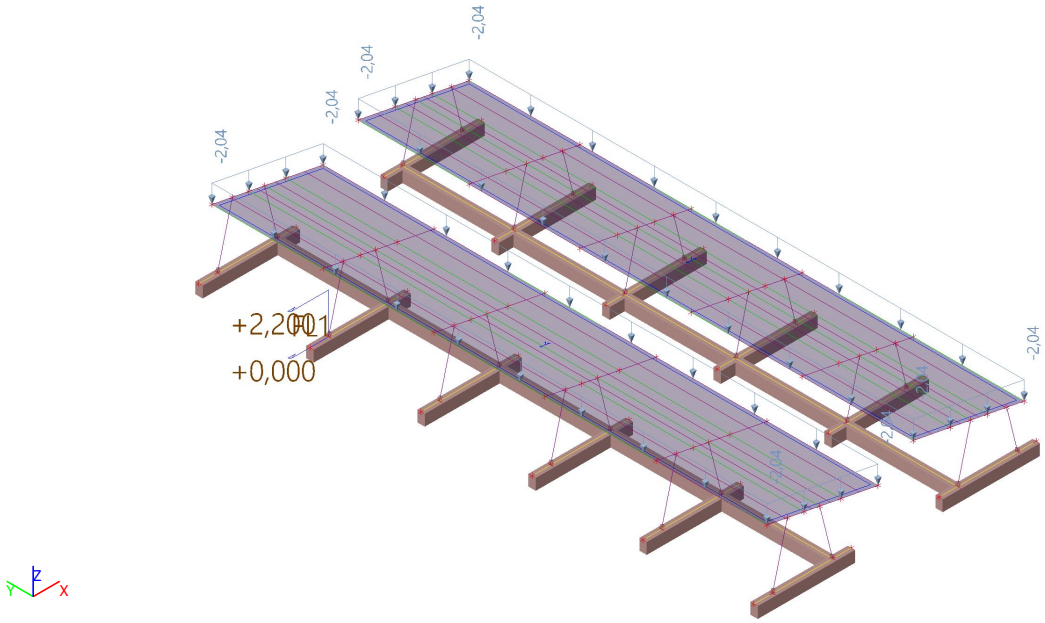
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3.4.9.3. Obtežni primeri - grafični prikaz - S1

Name	Description	Action type	Load group	Load type	Spec	Duration	Master load case
S1	Sneg	Variable	Sneg	Static	Standard	Short	None

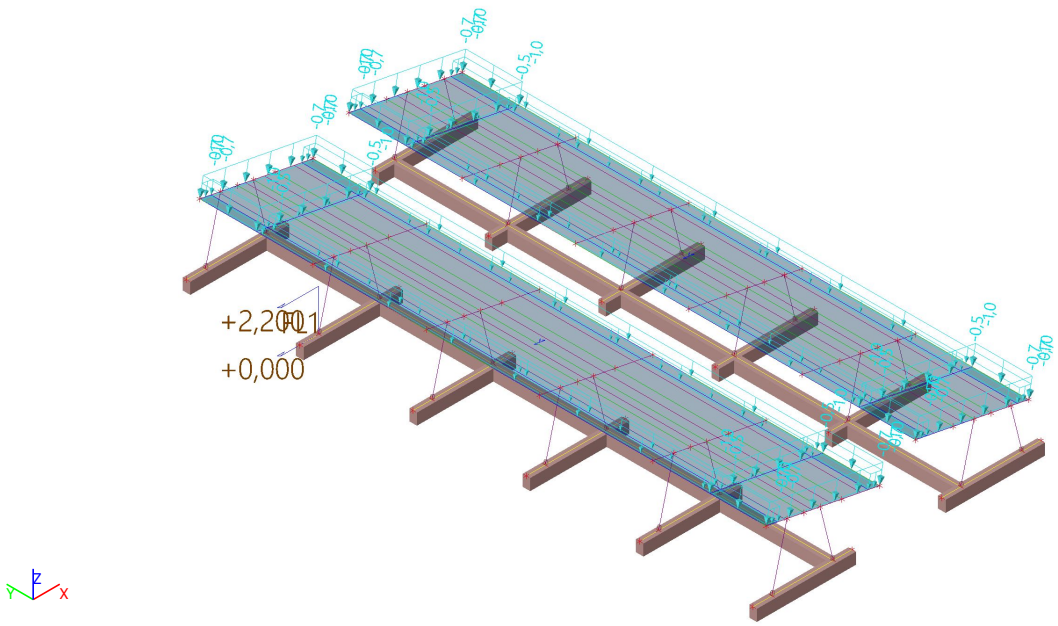


3.4.9.4. Obtežni primeri - grafični prikaz - 3DWind1

Name	Description	Action type	Load group	Load type	Spec	Master load case
3DWind1	0, + CPE, + CPI	Variable	Veter	Static	Static wind	None

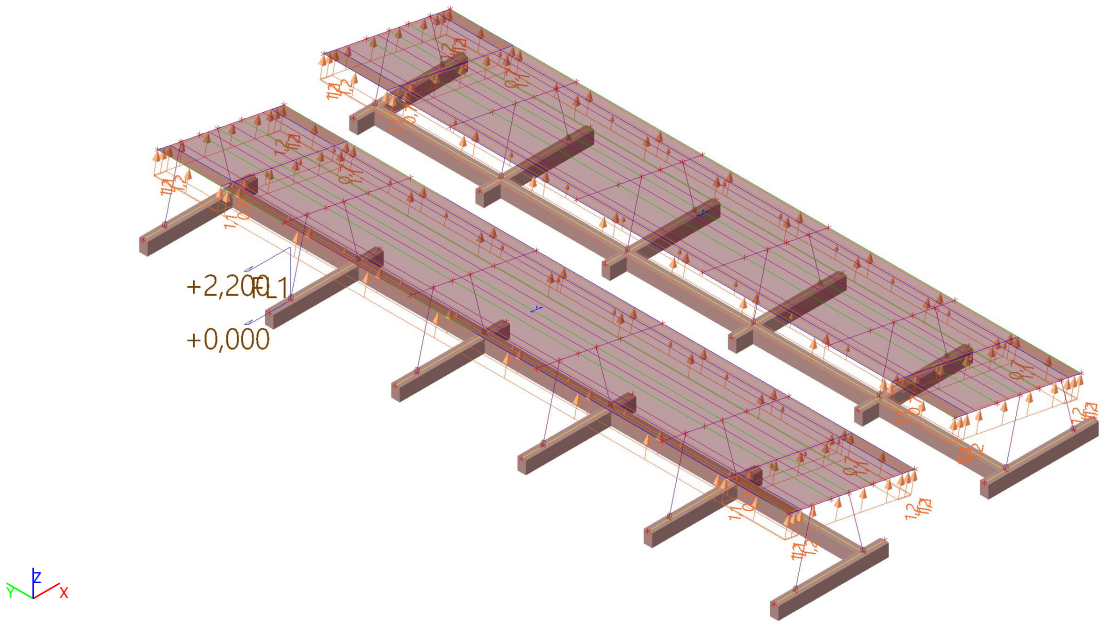
probit d.o.o.
Projektiranje gradbenih objektov

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3.4.9.5. Obtežni primeri - grafični prikaz - 3DWind2

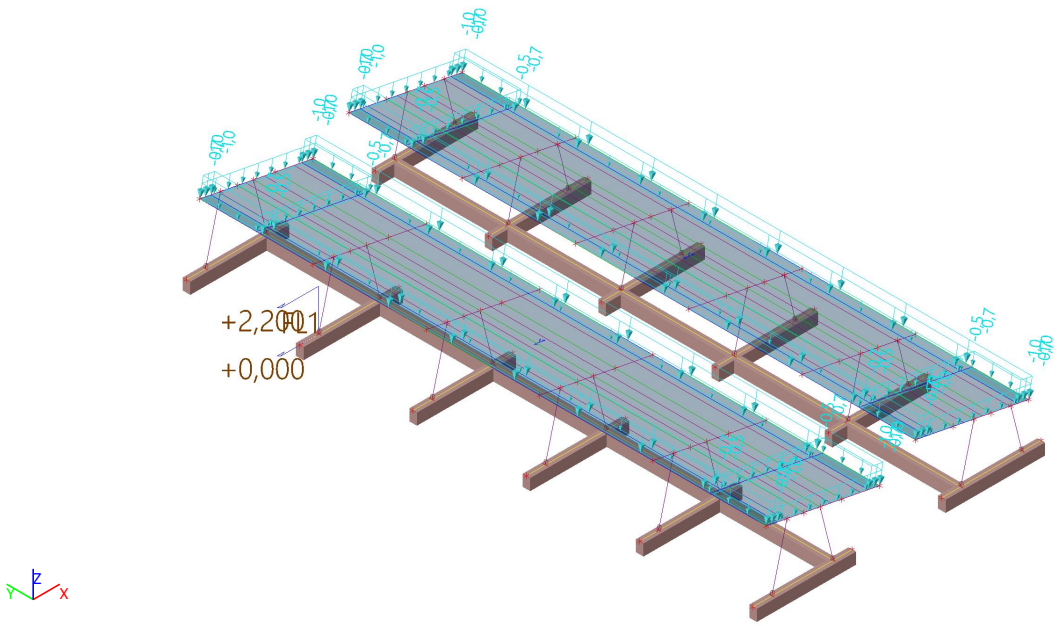
Name	Description	Action type	Load group	Load type	Spec	Master load case
3DWind2	0, - CPE, - CPI	Variable	Veter	Static	Static wind	None



3.4.9.6. Obtežni primeri - grafični prikaz - 3DWind3

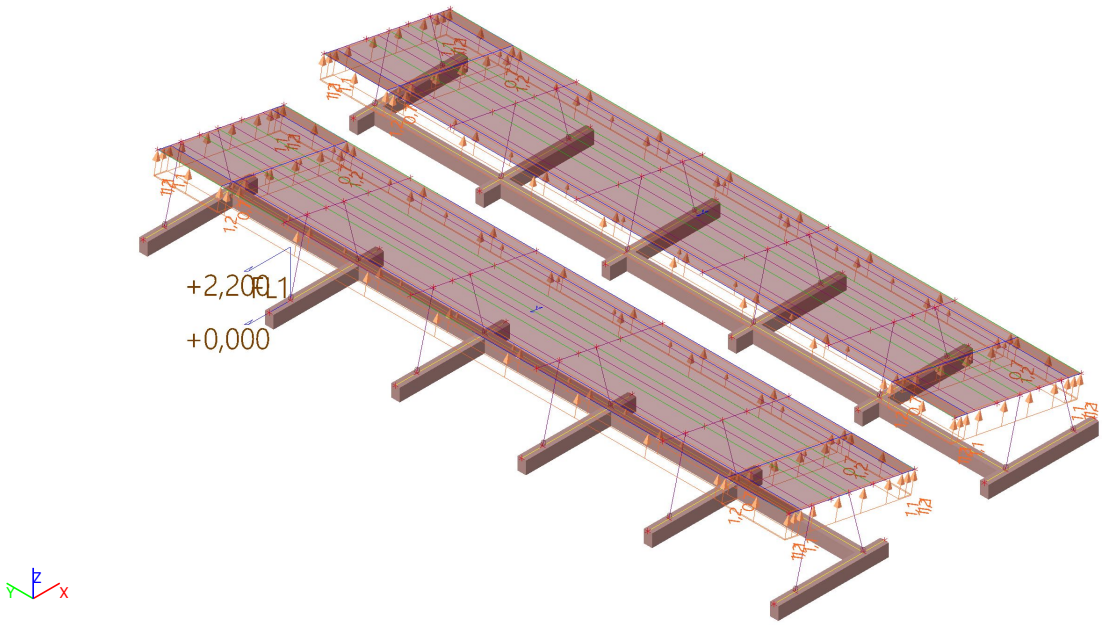
Name	Description	Action type	Load group	Load type	Spec	Master load case
3DWind3	90, + CPE, + CPI	Variable	Veter	Static	Static wind	None

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3.4.9.7. Obtežni primeri - grafični prikaz - 3DWind4

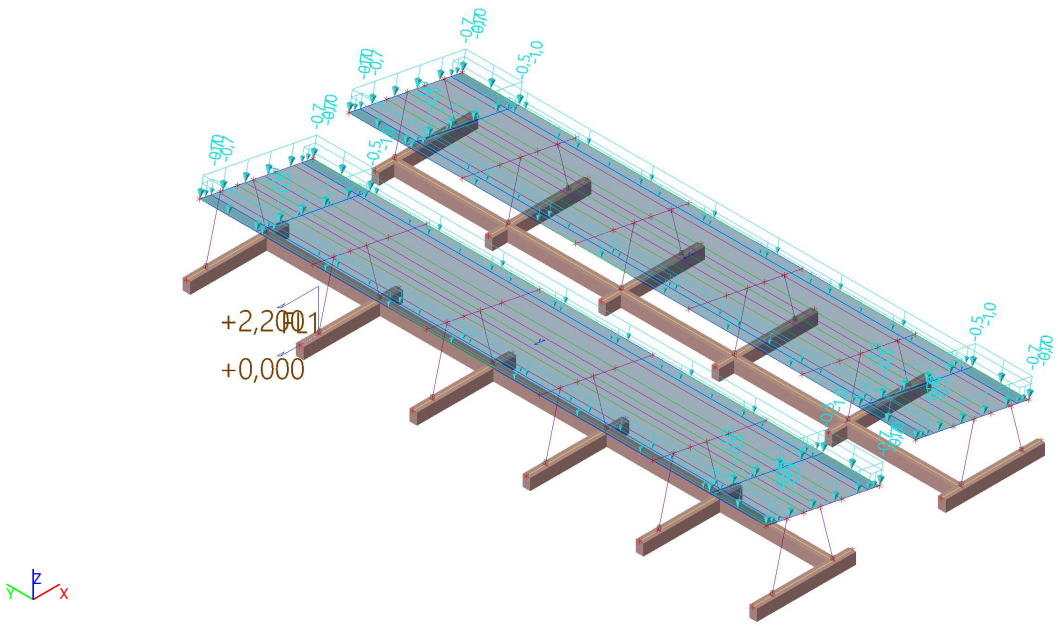
Name	Description	Action type	Load group	Load type	Spec	Master load case
3DWind4	90, - CPE, - CPI	Variable	Veter	Static	Static wind	None



3.4.9.8. Obtežni primeri - grafični prikaz - 3DWind5

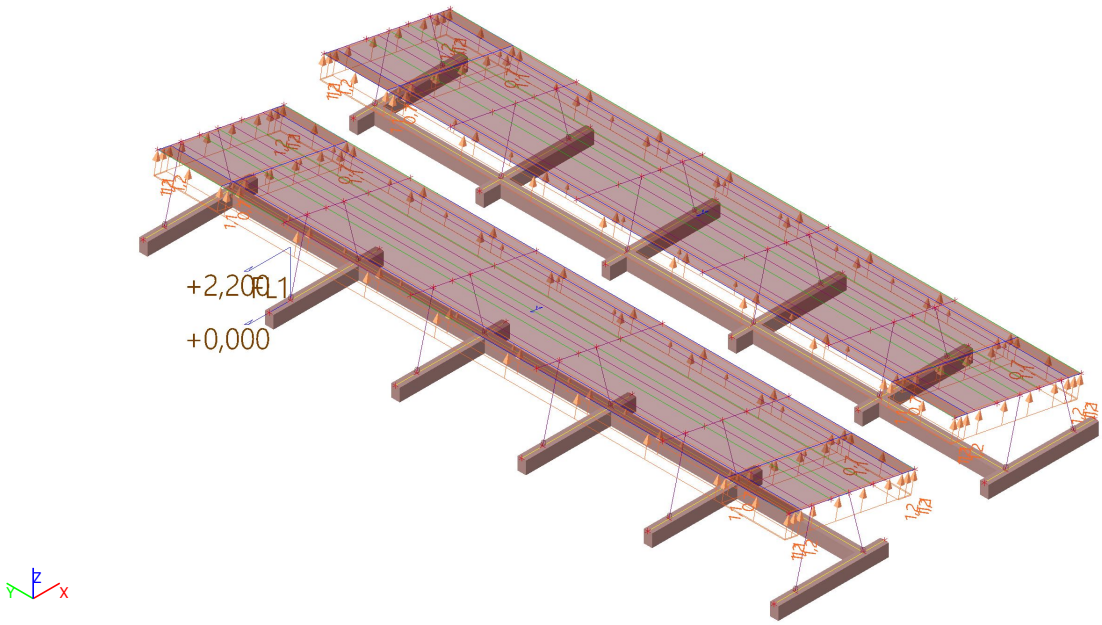
Name	Description	Action type	Load group	Load type	Spec	Master load case
3DWind5	180, + CPE, + CPI	Variable	Veter	Static	Static wind	None

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3.4.9.9. Obtežni primeri - grafični prikaz - 3DWind6

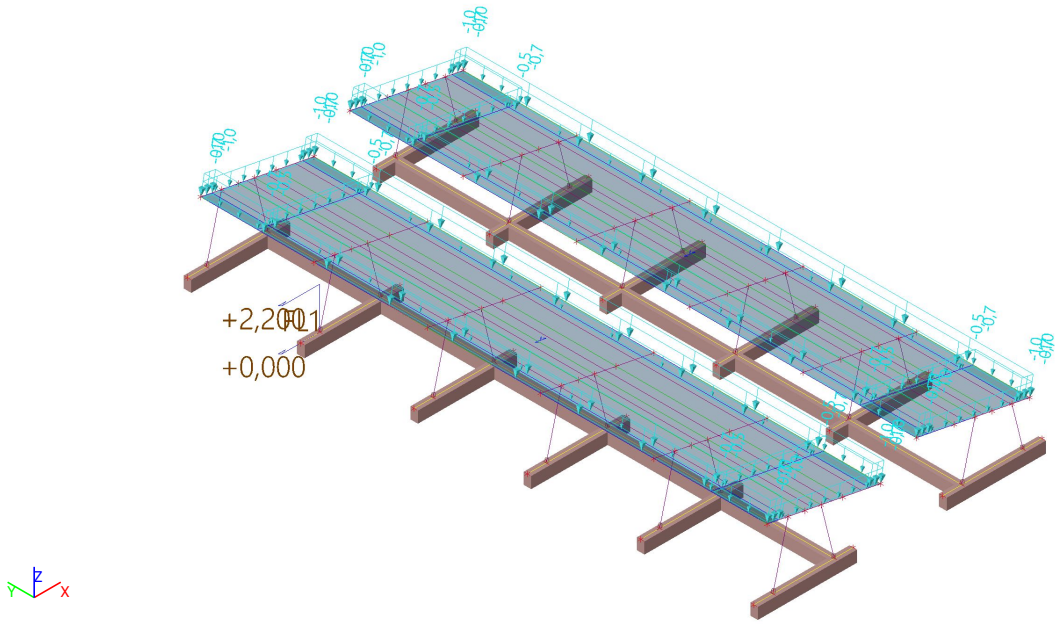
Name	Description	Action type	Load group	Load type	Spec	Master load case
3DWind6	180, - CPE, - CPI	Variable	Veter	Static	Static wind	None



3.4.9.10. Obtežni primeri - grafični prikaz - 3DWind7

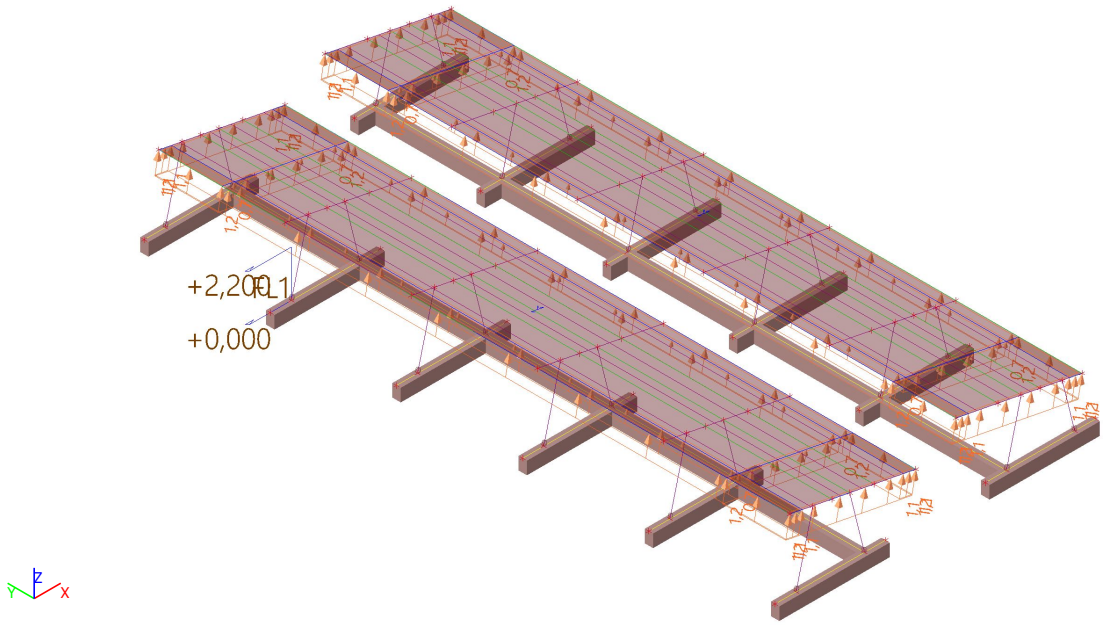
Name	Description	Action type	Load group	Load type	Spec	Master load case
3DWind7	270, + CPE, + CPI	Variable	Veter	Static	Static wind	None

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3.4.9.11. Obtežni primeri - grafični prikaz - 3DWind8

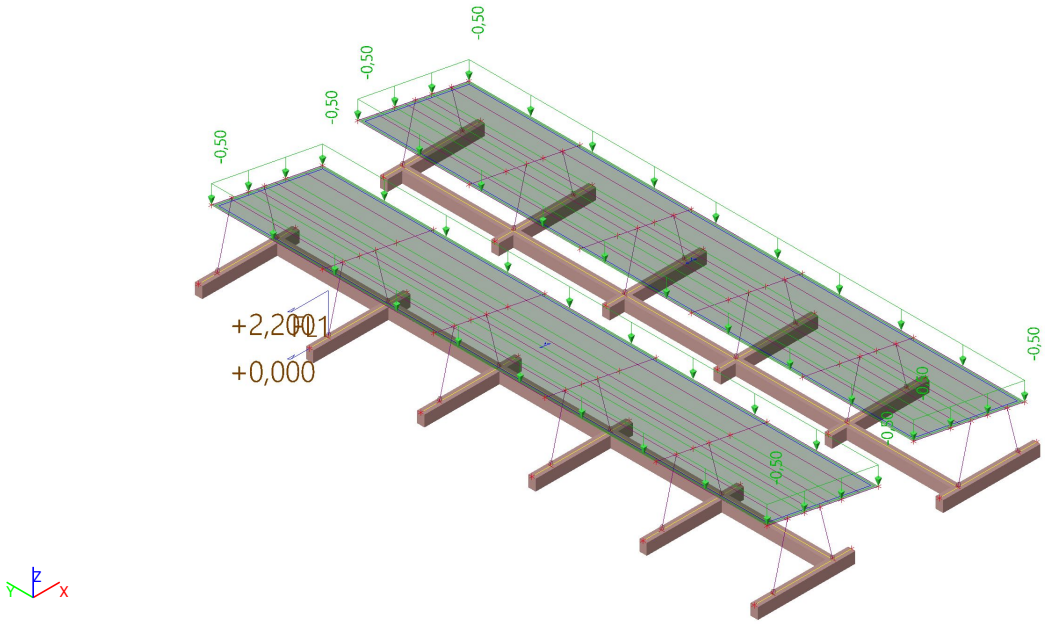
Name	Description	Action type	Load group	Load type	Spec	Master load case
3DWind8	270, - CPE, - CPI	Variable	Veter	Static	Static wind	None



3.4.9.12. Obtežni primeri - grafični prikaz - H1

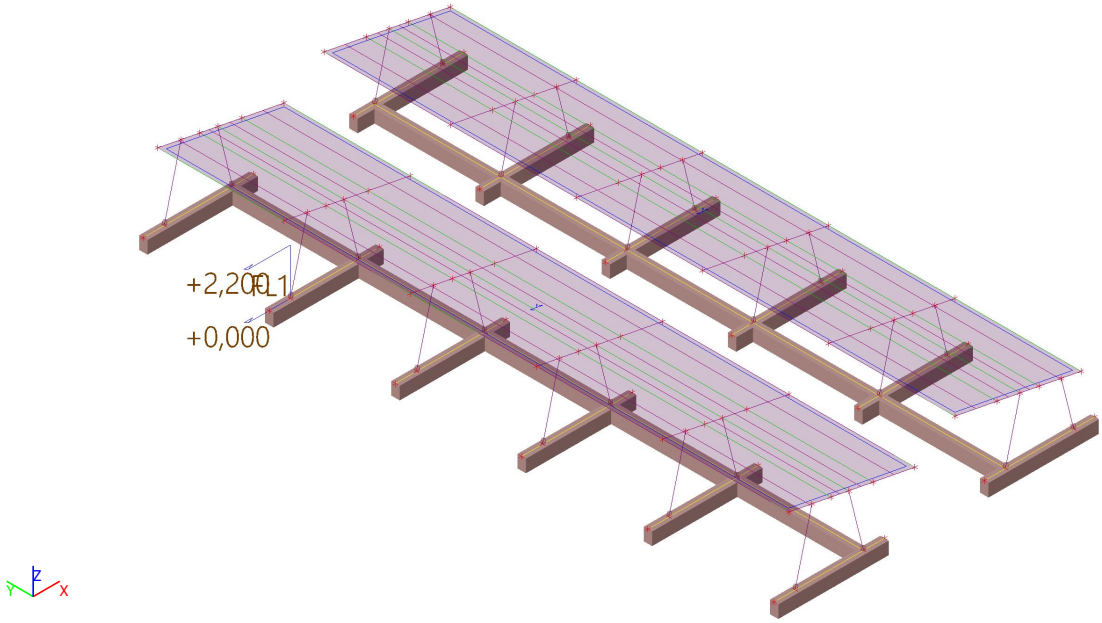
Name	Description	Action type	Load group	Load type	Spec	Duration	Master load case
H1	Vzdrževanje	Variable	Vzdrževanje	Static	Standard	Short	None

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3.4.9.13. Obtežni primeri - grafični prikaz - ERQ-x

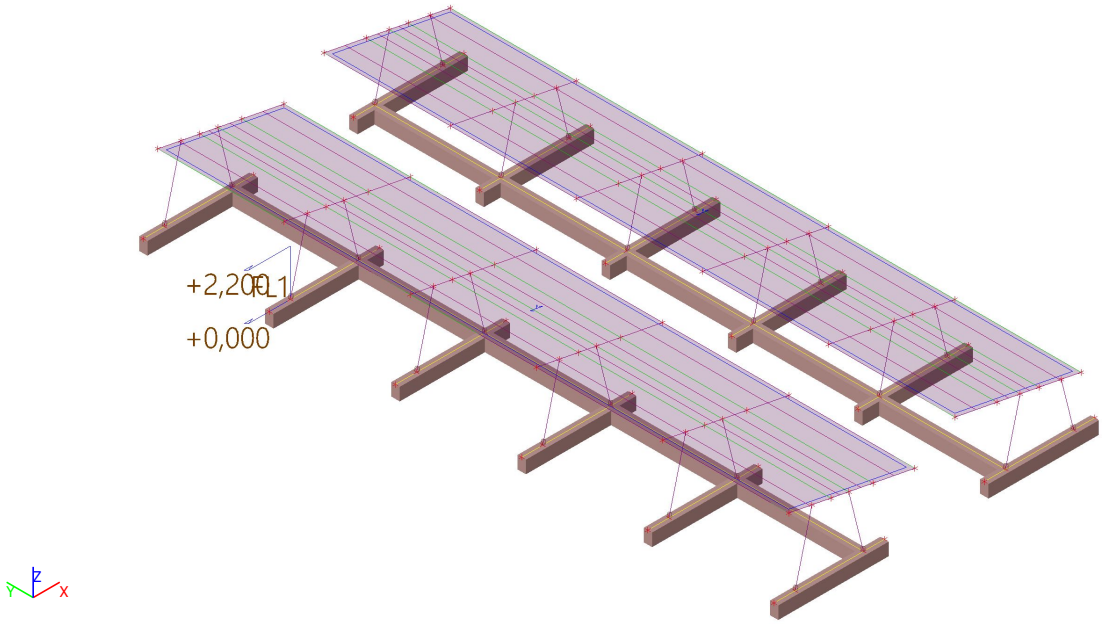
Name	Description	Action type	Load group	Load type	Spec	Master load case
ERQ-x	Potres - x smer	Variable	Potres	Static equivalent	Seismicity	None



3.4.9.14. Obtežni primeri - grafični prikaz - ERQ-y

Name	Description	Action type	Load group	Load type	Spec	Master load case
ERQ-y	Potres - y smer	Variable	Potres	Static equivalent	Seismicity	None

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3.4.10. Kategorije obtežb

Name	Load	Relation	Type
Stalne obtežbe	Permanent		
Sneg	Variable	Standard	Snow
Veter	Variable	Exclusive	Wind
Vzdrževanje	Variable	Standard	Cat H : Roofs
Potres	Seismic	Together	

Name	Type	Load cases	Coeff. [-]
ULS-Set B (auto)	EN-ULS (STR/GEO) Set B	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
		3DWind1 - 0, + CPE, + CPI	1,000
		3DWind2 - 0, - CPE, - CPI	1,000
		3DWind3 - 90, + CPE, + CPI	1,000
		3DWind4 - 90, - CPE, - CPI	1,000
		3DWind5 - 180, + CPE, + CPI	1,000
		3DWind6 - 180, - CPE, - CPI	1,000
		3DWind7 - 270, + CPE, + CPI	1,000
		3DWind8 - 270, - CPE, - CPI	1,000
		H1 - Vzdrževanje	1,000
		S1 - Sneg	1,000
SLS-Char (auto)	EN-SLS Characteristic	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
		3DWind1 - 0, + CPE, + CPI	1,000
		3DWind2 - 0, - CPE, - CPI	1,000
		3DWind3 - 90, + CPE, + CPI	1,000
		3DWind4 - 90, - CPE, - CPI	1,000
		3DWind5 - 180, + CPE, + CPI	1,000
		3DWind6 - 180, - CPE, - CPI	1,000
		3DWind7 - 270, + CPE, + CPI	1,000
		3DWind8 - 270, - CPE, - CPI	1,000
		H1 - Vzdrževanje	1,000
		S1 - Sneg	1,000
ULS-Seis (auto)	EN-Seismic	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
		3DWind1 - 0, + CPE, + CPI	1,000
		3DWind2 - 0, - CPE, - CPI	1,000
		3DWind3 - 90, + CPE, + CPI	1,000
		3DWind4 - 90, - CPE, - CPI	1,000

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Name	Type	Load cases	Coeff. [-]
		3DWind5 - 180, + CPE, + CPI	1,000
		3DWind6 - 180, - CPE, - CPI	1,000
		3DWind7 - 270, + CPE, + CPI	1,000
		3DWind8 - 270, - CPE, - CPI	1,000
		H1 - Vzdrževanje	1,000
		S1 - Sneg	1,000
		ERQ-x - Potres - x smer	1,000
		ERQ-y - Potres - y smer	1,000
SLS-Quasi (auto)	EN-SLS Quasi-permanent	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
		3DWind1 - 0, + CPE, + CPI	1,000
		3DWind2 - 0, - CPE, - CPI	1,000
		3DWind3 - 90, + CPE, + CPI	1,000
		3DWind4 - 90, - CPE, - CPI	1,000
		3DWind5 - 180, + CPE, + CPI	1,000
		3DWind6 - 180, - CPE, - CPI	1,000
		3DWind7 - 270, + CPE, + CPI	1,000
		3DWind8 - 270, - CPE, - CPI	1,000
		H1 - Vzdrževanje	1,000
		S1 - Sneg	1,000
ULS-Set B (auto).1	Envelope - ultimate	G1 - Lastna teža	1,350
		G2 - Stalne obtežbe	1,350
ULS-Set B (auto).2	Envelope - ultimate	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
ULS-Set B (auto).3	Envelope - ultimate	G1 - Lastna teža	1,350
		G2 - Stalne obtežbe	1,350
		3DWind1 - 0, + CPE, + CPI	1,500
		3DWind2 - 0, - CPE, - CPI	1,500
		3DWind3 - 90, + CPE, + CPI	1,500
		3DWind4 - 90, - CPE, - CPI	1,500
		3DWind5 - 180, + CPE, + CPI	1,500
		3DWind6 - 180, - CPE, - CPI	1,500
		3DWind7 - 270, + CPE, + CPI	1,500
		3DWind8 - 270, - CPE, - CPI	1,500
		S1 - Sneg	0,750
ULS-Set B (auto).4	Envelope - ultimate	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
		3DWind1 - 0, + CPE, + CPI	1,500
		3DWind2 - 0, - CPE, - CPI	1,500
		3DWind3 - 90, + CPE, + CPI	1,500
		3DWind4 - 90, - CPE, - CPI	1,500
		3DWind5 - 180, + CPE, + CPI	1,500
		3DWind6 - 180, - CPE, - CPI	1,500
		3DWind7 - 270, + CPE, + CPI	1,500
		3DWind8 - 270, - CPE, - CPI	1,500
		S1 - Sneg	0,750
ULS-Set B (auto).5	Envelope - ultimate	G1 - Lastna teža	1,350
		G2 - Stalne obtežbe	1,350
		3DWind1 - 0, + CPE, + CPI	0,900
		3DWind2 - 0, - CPE, - CPI	0,900
		3DWind3 - 90, + CPE, + CPI	0,900
		3DWind4 - 90, - CPE, - CPI	0,900
		3DWind5 - 180, + CPE, + CPI	0,900
		3DWind6 - 180, - CPE, - CPI	0,900
		3DWind7 - 270, + CPE, + CPI	0,900
		3DWind8 - 270, - CPE, - CPI	0,900
		S1 - Sneg	1,500
ULS-Set B (auto).6	Envelope - ultimate	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
		3DWind1 - 0, + CPE, + CPI	0,900
		3DWind2 - 0, - CPE, - CPI	0,900
		3DWind3 - 90, + CPE, + CPI	0,900
		3DWind4 - 90, - CPE, - CPI	0,900
		3DWind5 - 180, + CPE, + CPI	0,900
		3DWind6 - 180, - CPE, - CPI	0,900
		3DWind7 - 270, + CPE, + CPI	0,900

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Name	Type	Load cases	Coeff. [-]
		3DWind8 - 270, - CPE, - CPI	0,900
		S1 - Sneg	1,500
ULS-Set B (auto).7	Envelope - ultimate	G1 - Lastna teža	1,350
		G2 - Stalne obtežbe	1,350
		H1 - Vzdrževanje	1,500
ULS-Set B (auto).8	Envelope - ultimate	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
		H1 - Vzdrževanje	1,500
SLS-Char (auto).1	Envelope - serviceability	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
SLS-Char (auto).2	Envelope - serviceability	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
		3DWind1 - 0, + CPE, + CPI	1,000
		3DWind2 - 0, - CPE, - CPI	1,000
		3DWind3 - 90, + CPE, + CPI	1,000
		3DWind4 - 90, - CPE, - CPI	1,000
		3DWind5 - 180, + CPE, + CPI	1,000
		3DWind6 - 180, - CPE, - CPI	1,000
		3DWind7 - 270, + CPE, + CPI	1,000
		3DWind8 - 270, - CPE, - CPI	1,000
		S1 - Sneg	0,500
SLS-Char (auto).3	Envelope - serviceability	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
		3DWind1 - 0, + CPE, + CPI	0,600
		3DWind2 - 0, - CPE, - CPI	0,600
		3DWind3 - 90, + CPE, + CPI	0,600
		3DWind4 - 90, - CPE, - CPI	0,600
		3DWind5 - 180, + CPE, + CPI	0,600
		3DWind6 - 180, - CPE, - CPI	0,600
		3DWind7 - 270, + CPE, + CPI	0,600
		3DWind8 - 270, - CPE, - CPI	0,600
		S1 - Sneg	1,000
SLS-Char (auto).4	Envelope - serviceability	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
		H1 - Vzdrževanje	1,000
ULS-Seis (auto).1	Envelope - ultimate	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
ULS-Seis (auto).2	Envelope - ultimate	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
		3DWind1 - 0, + CPE, + CPI	0,000
		3DWind2 - 0, - CPE, - CPI	0,000
		3DWind3 - 90, + CPE, + CPI	0,000
		3DWind4 - 90, - CPE, - CPI	0,000
		3DWind5 - 180, + CPE, + CPI	0,000
		3DWind6 - 180, - CPE, - CPI	0,000
		3DWind7 - 270, + CPE, + CPI	0,000
		3DWind8 - 270, - CPE, - CPI	0,000
		S1 - Sneg	0,000
		ERQ-x - Potres - x smer	1,000
		ERQ-y - Potres - y smer	0,300
ULS-Seis (auto).3	Envelope - ultimate	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
		3DWind1 - 0, + CPE, + CPI	0,000
		3DWind2 - 0, - CPE, - CPI	0,000
		3DWind3 - 90, + CPE, + CPI	0,000
		3DWind4 - 90, - CPE, - CPI	0,000
		3DWind5 - 180, + CPE, + CPI	0,000
		3DWind6 - 180, - CPE, - CPI	0,000
		3DWind7 - 270, + CPE, + CPI	0,000
		3DWind8 - 270, - CPE, - CPI	0,000
		S1 - Sneg	0,000
		ERQ-x - Potres - x smer	0,300
		ERQ-y - Potres - y smer	1,000
ULS-Seis (auto).4	Envelope - ultimate	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
		H1 - Vzdrževanje	0,000

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Name	Type	Load cases	Coeff. [-]
		ERQ-x - Potres - x smer	1,000
		ERQ-y - Potres - y smer	0,300
ULS-Seis (auto).5	Envelope - ultimate	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
		H1 - Vzdrževanje	0,000
		ERQ-x - Potres - x smer	0,300
		ERQ-y - Potres - y smer	1,000
SLS-Quasi (auto).1	Envelope - serviceability	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
SLS-Quasi (auto).2	Envelope - serviceability	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
		3DWind1 - 0, + CPE, + CPI	0,000
		3DWind2 - 0, - CPE, - CPI	0,000
		3DWind3 - 90, + CPE, + CPI	0,000
		3DWind4 - 90, - CPE, - CPI	0,000
		3DWind5 - 180, + CPE, + CPI	0,000
		3DWind6 - 180, - CPE, - CPI	0,000
		3DWind7 - 270, + CPE, + CPI	0,000
		3DWind8 - 270, - CPE, - CPI	0,000
		S1 - Sneg	0,000
SLS-Quasi (auto).3	Envelope - serviceability	G1 - Lastna teža	1,000
		G2 - Stalne obtežbe	1,000
		H1 - Vzdrževanje	0,000

3.4.11. Ovojnice kombinacij

Name	List
All ULS	ULS-Set B (auto) - EN-ULS (STR/GEO) Set B
	ULS-Seis (auto) - EN-Seismic
All SLS	SLS-Char (auto) - EN-SLS Characteristic
	SLS-Quasi (auto) - EN-SLS Quasi-permanent
All ULS+SLS	ULS-Set B (auto) - EN-ULS (STR/GEO) Set B
	ULS-Seis (auto) - EN-Seismic
	SLS-Char (auto) - EN-SLS Characteristic
	SLS-Quasi (auto) - EN-SLS Quasi-permanent

3.5. Rezultati statične analize - vplivi obtežb

3.5.1. 1D elementi

3.5.1.1. Linearna analiza

3.5.1.1.1. Linearna analiza - Layer1

Name	Structural model only	Colour
Layer1	×	

3.5.1.1.1.1. Notranje statične količine

Linear calculation
Combination: ULS-Set B (auto)
Coordinate system: Principal
Extreme 1D: Global
Selection: All
Filter: Layer = Layer1

Name	dx [m]	Case	N [kN]	V_y [kN]	V_z [kN]	M_x [kNm]	M_y [kNm]	M_z [kNm]
B49	0,000	ULS-Set B (auto)/1	**-157,42**	-0,42	21,67	0,00	0,00	0,00
B49	2,844	ULS-Set B (auto)/2	**24,83**	0,18	-1,26	0,00	-3,18	0,52
B51	3,159-	ULS-Set B (auto)/1	-13,18	-0,09	**-79,41**	0,05	-153,34	-0,11
B100	0,000	ULS-Set B (auto)/3	-0,62	1,80	-23,70	**-2,86**	0,36	-2,05
B108	5,143+	ULS-Set B (auto)/3	-0,62	-1,80	23,70	**2,86**	-19,95	-0,51

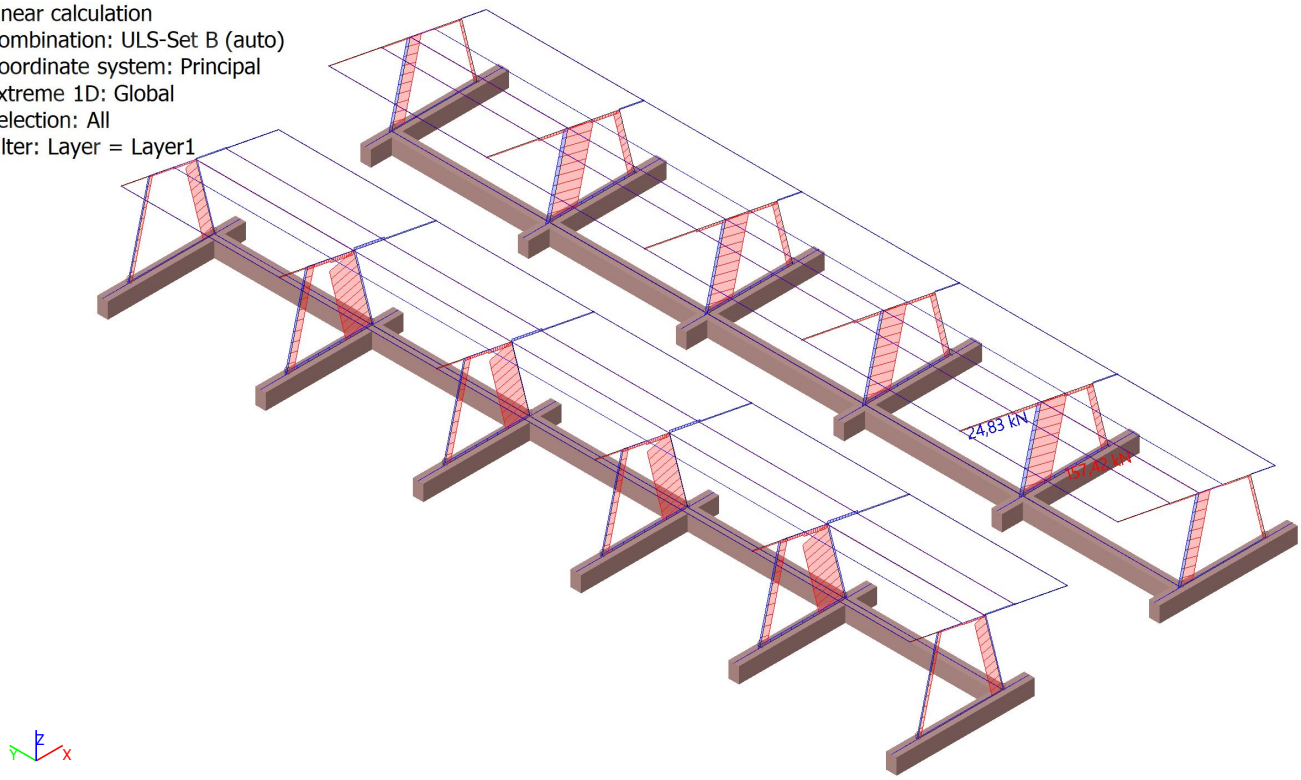
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e-mail: probit1@siol.net

Name	dx [m]	Case	N [kN]	V_y [kN]	V_z [kN]	M_x [kNm]	M_y [kNm]	M_z [kNm]
B3	2,902+	ULS-Set B (auto)/1	13,59	-0,14	**79,89**	0,04	**-157,43**	0,11
B2	2,891	ULS-Set B (auto)/1	-150,10	-0,41	25,71	0,00	**74,89**	-1,19
B14	2,891	ULS-Set B (auto)/4	-62,93	**-3,04**	11,79	-0,01	34,64	**-8,80**
B17	2,891	ULS-Set B (auto)/4	-62,93	**3,04**	11,79	0,01	34,64	**8,80**

Name	Combination key
ULS-Set B (auto)/1	1.35*G1 + 1.35*G2 + 0.90*3DWind3 + 1.50*S1
ULS-Set B (auto)/2	G1 + G2 + 1.50*3DWind2
ULS-Set B (auto)/3	1.35*G1 + 1.35*G2 + 1.50*3DWind1 + 0.75*S1
ULS-Set B (auto)/4	1.35*G1 + 1.35*G2 + 0.90*3DWind1 + 1.50*S1

3.5.1.1.1.2. NSK - N

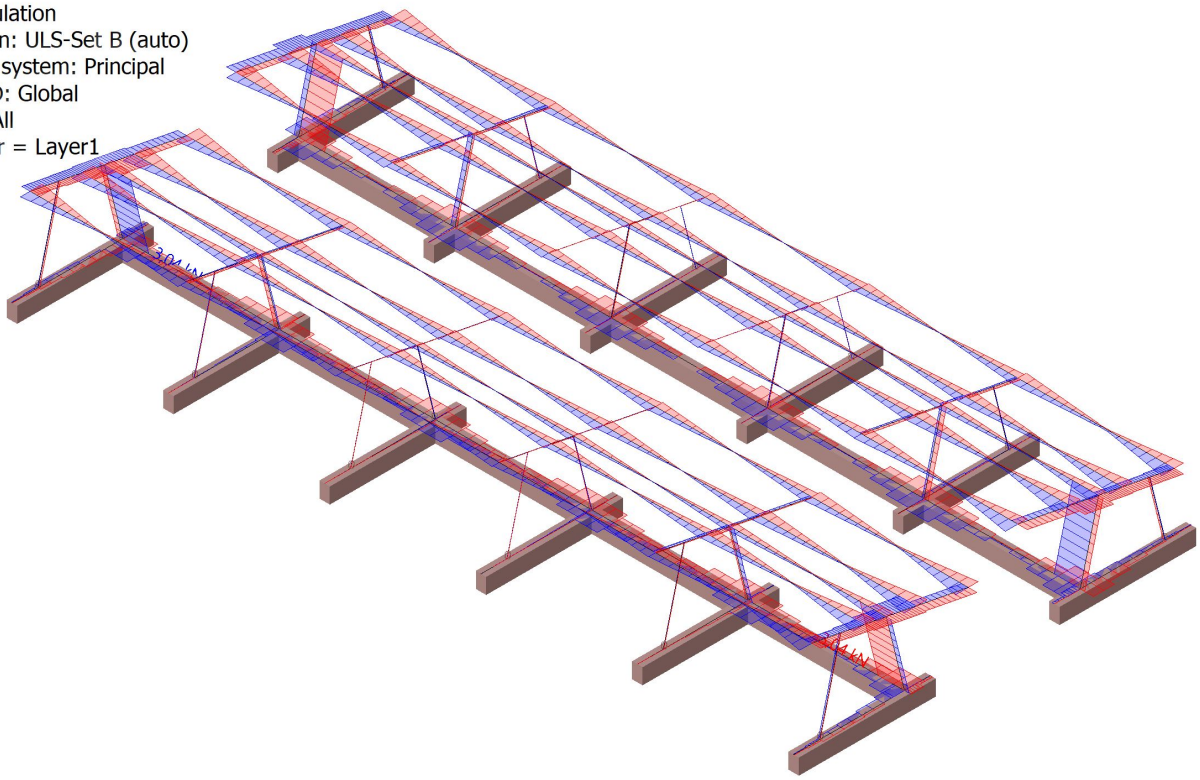
Values: **N**
Linear calculation
Combination: ULS-Set B (auto)
Coordinate system: Principal
Extreme 1D: Global
Selection: All
Filter: Layer = Layer1



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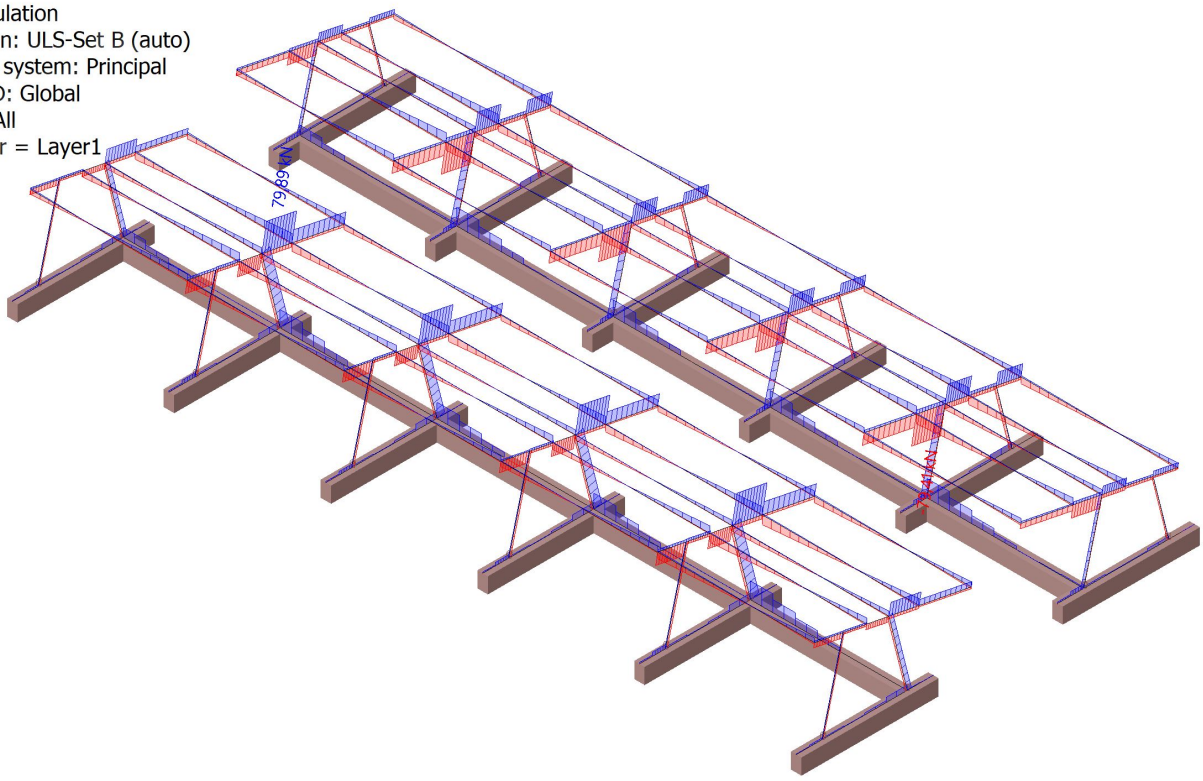
3.5.1.1.1.3. NSK - V_y

Values: V_y
Linear calculation
Combination: ULS-Set B (auto)
Coordinate system: Principal
Extreme 1D: Global
Selection: All
Filter: Layer = Layer1



3.5.1.1.1.4. NSK - V_z

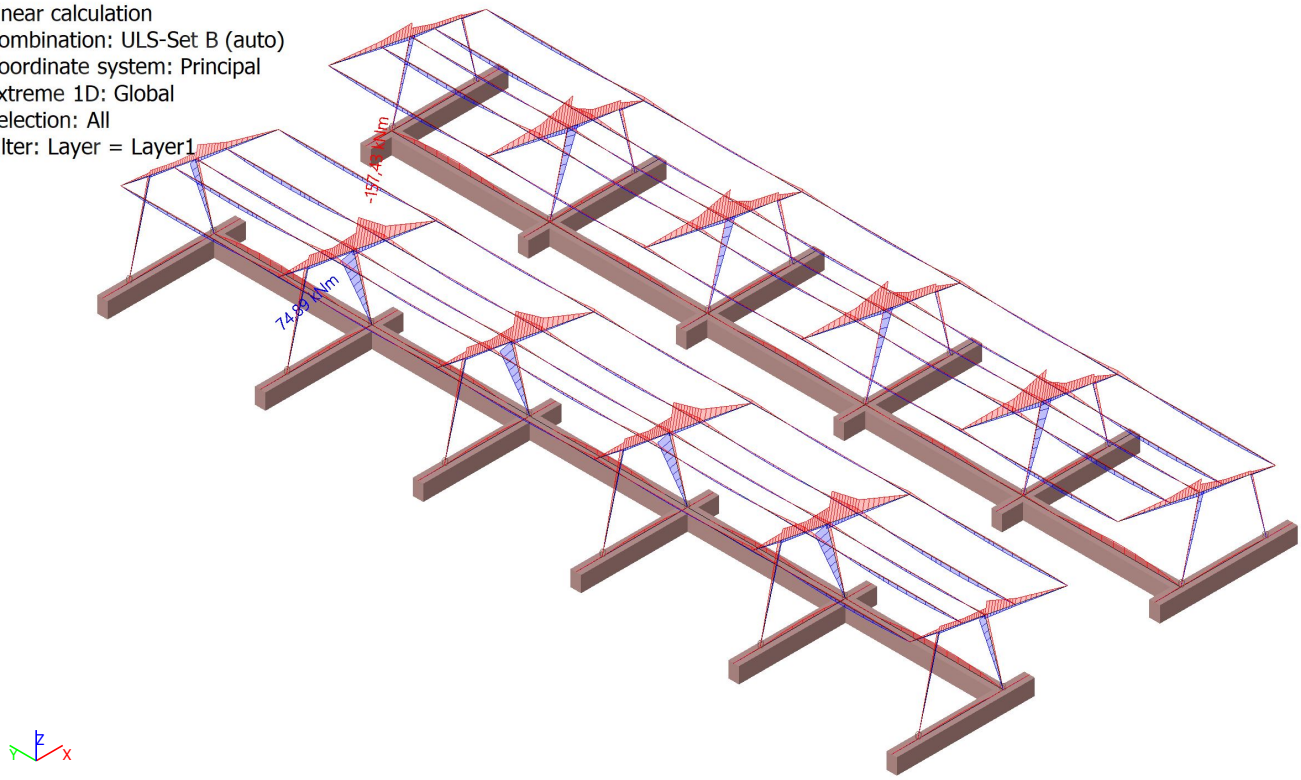
Values: V_z
Linear calculation
Combination: ULS-Set B (auto)
Coordinate system: Principal
Extreme 1D: Global
Selection: All
Filter: Layer = Layer1



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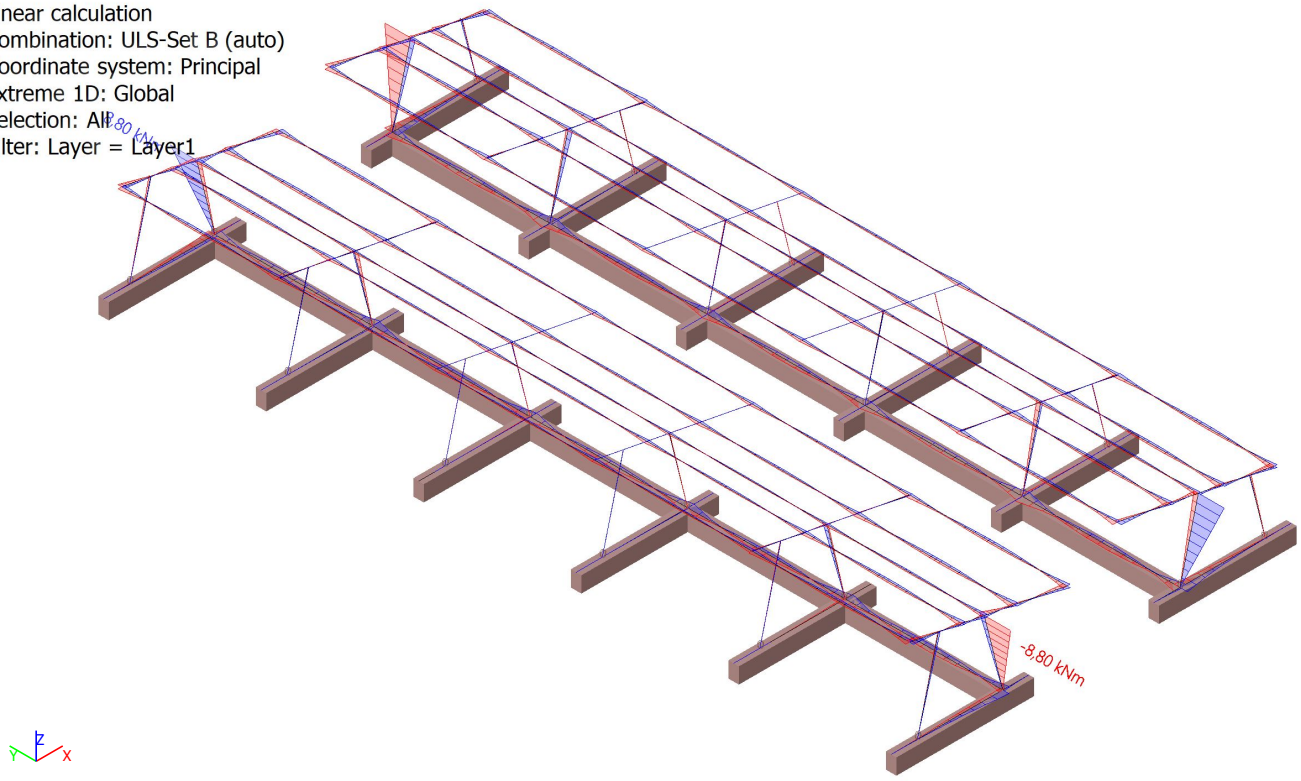
3.5.1.1.1.5. NSK - M_y

Values: M_y
Linear calculation
Combination: ULS-Set B (auto)
Coordinate system: Principal
Extreme 1D: Global
Selection: All
Filter: Layer = Layer1



3.5.1.1.1.6. NSK - M_z

Values: M_z
Linear calculation
Combination: ULS-Set B (auto)
Coordinate system: Principal
Extreme 1D: Global
Selection: All
Filter: Layer = Layer1



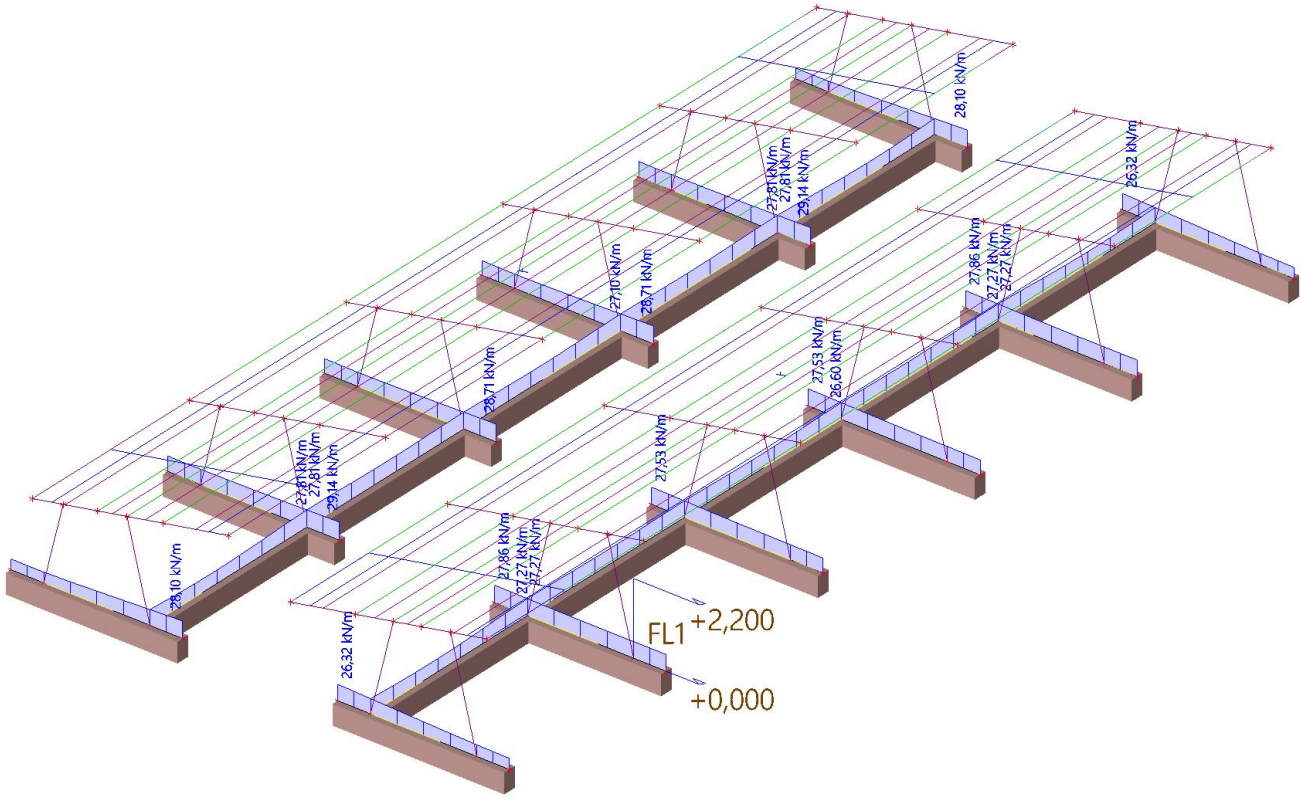
Partizanska cesta 3-5, 2000 Maribor
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3.6. Dimenzioniranje konstrukcijskih elementov

3.6.1. Temelji

3.6.1.1. Reactions; R_z

Values: R_z
Linear calculation
Combination: ULS-Set B (auto)
System: Global
Extreme: Member
Selection: All



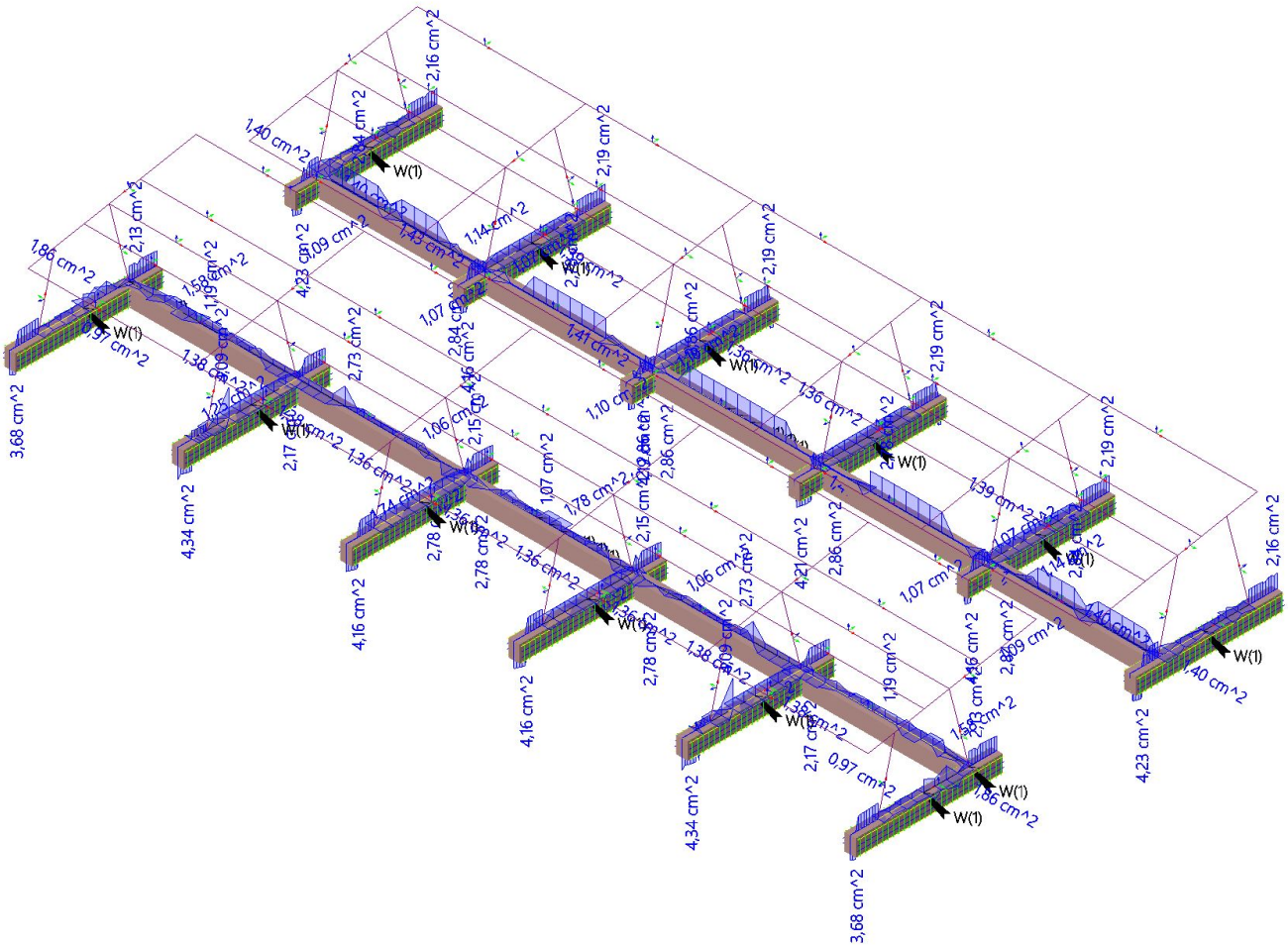
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3.6.2. Betonski konstrukcijski elementi

3.6.2.1. 1D elementi

3.6.2.1.1. Temelji

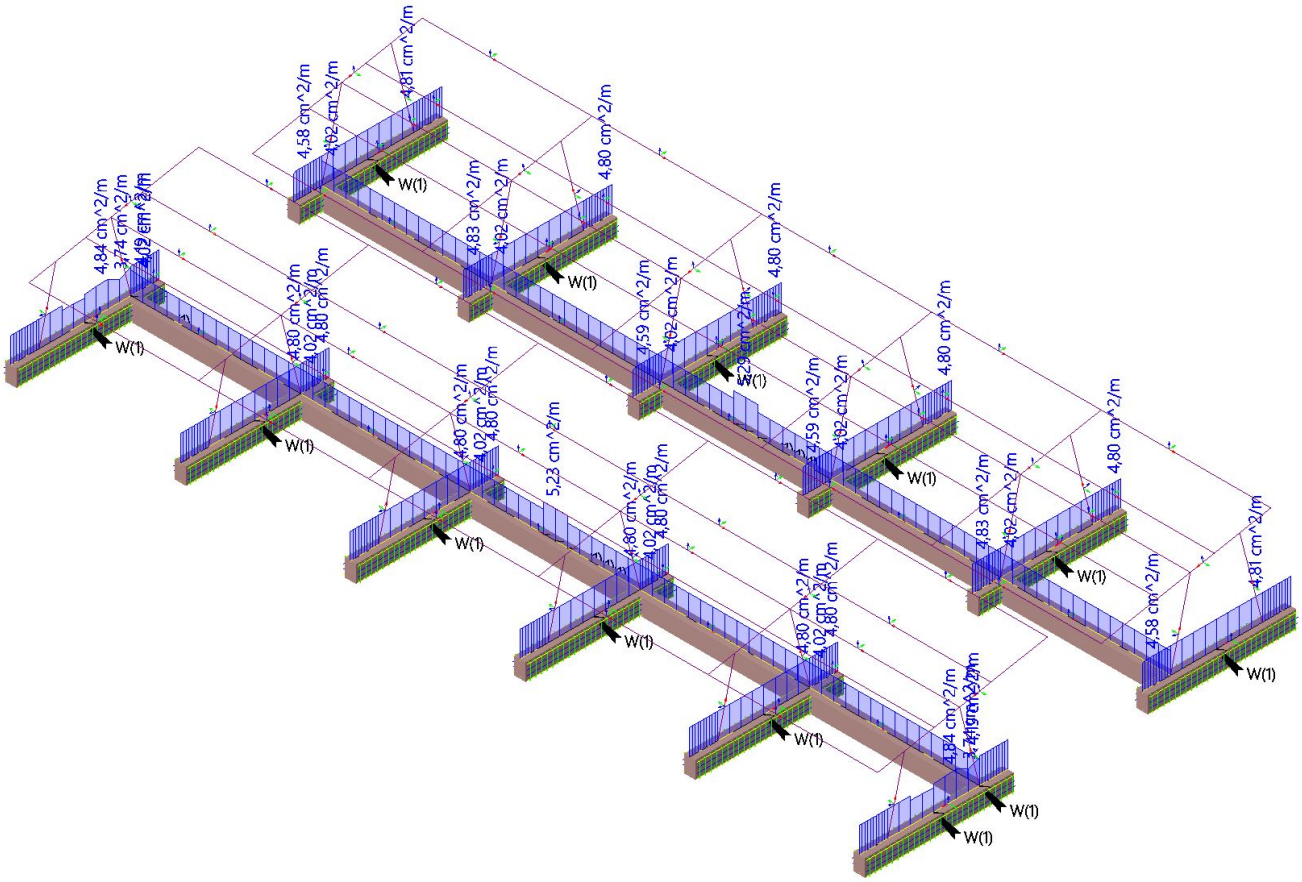
Values: **As,req**
Linear calculation
Class: All ULS
Coordinate system: Member
Extreme 1D: Member
Selection: All
Filter: Layer = Layer1
There are 1 warnings on selected members. 1 of them are shown.





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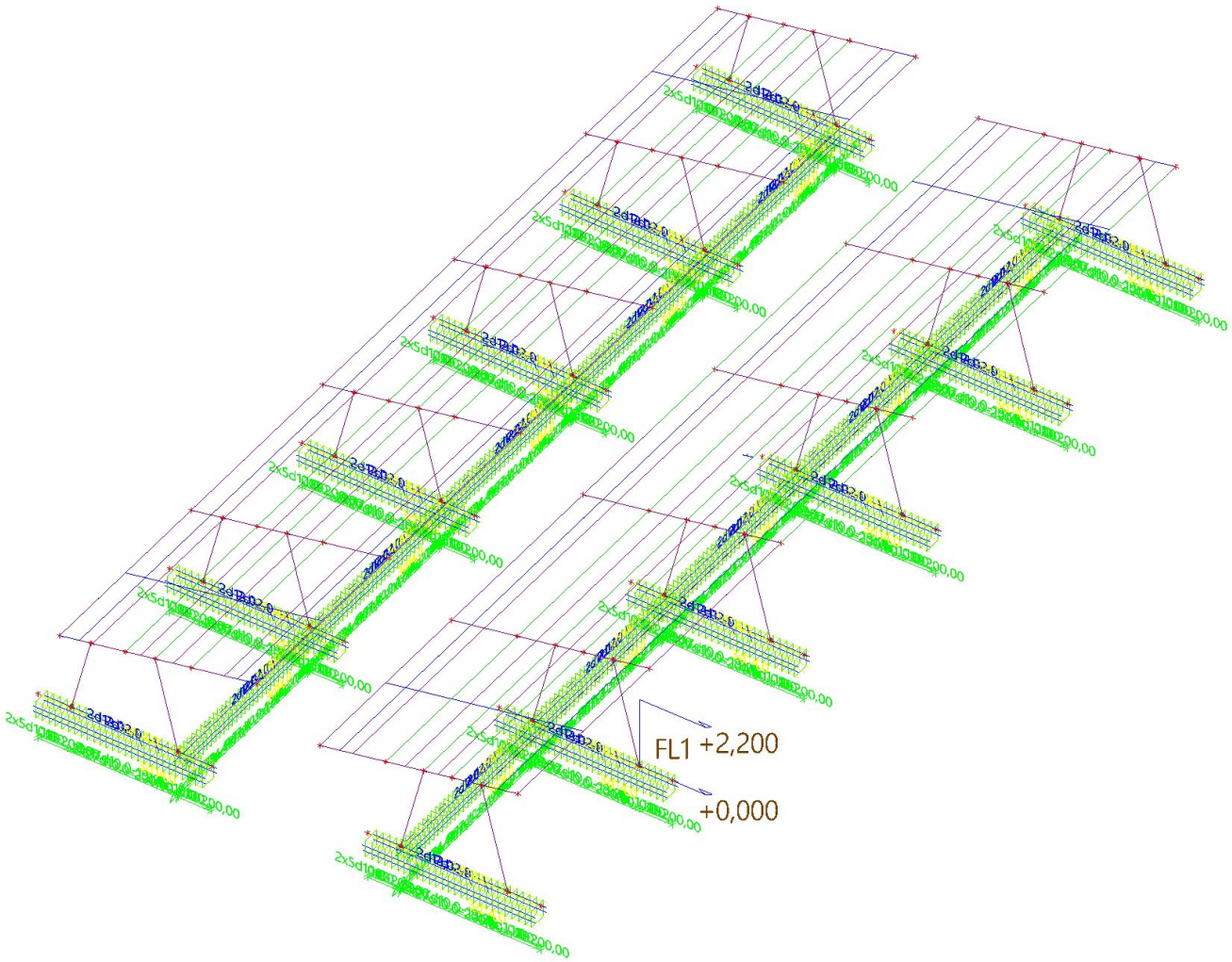
Values: $A_{swm,req}$
Linear calculation
Class: All ULS
Coordinate system: Member
Extreme 1D: Member
Selection: All
Filter: Layer = Layer1
There are 1 warnings on selected members. 1 of them are shown.



probit d.o.o.
Projektiranje gradbenih objektov

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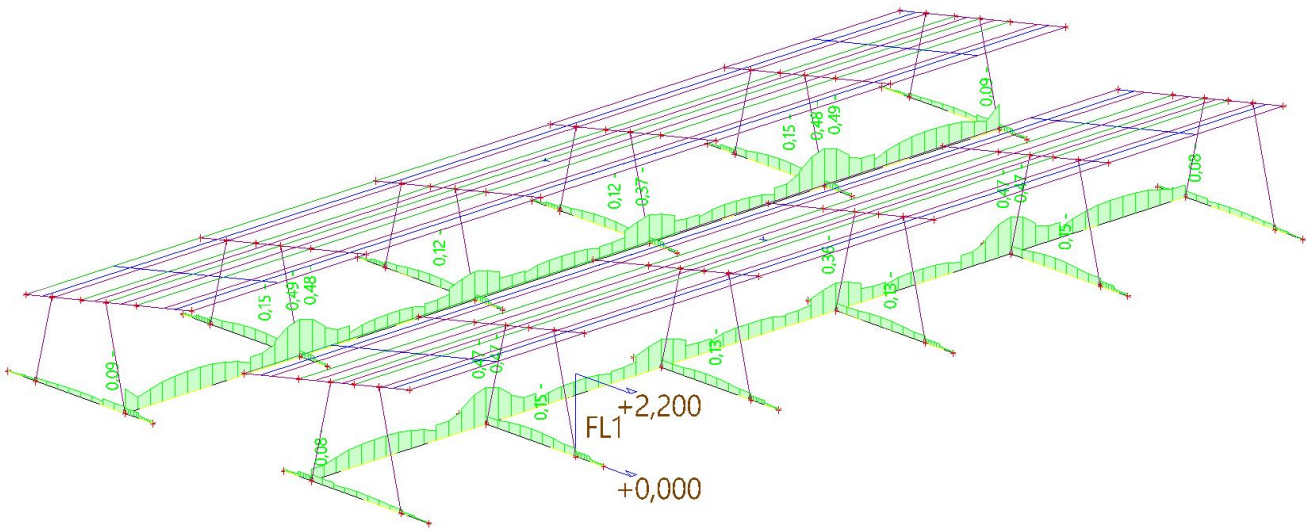
3.6.2.1.2. Temelji - zagotovljena armatura



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3.6.2.1.3. Izkoriščenost prerezov z dejansko armaturo

Values: **UC**
Linear calculation
Class: All ULS+SLS
Coordinate system: Member
Extreme 1D: Member
Selection: All



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3.6.3. Jekleni konstrukcijski elementi

3.6.3.1. 1D elementi

3.6.3.1.1. Uklonske dolžine konstrukcijskih elementov

Linear calculation

Member	CS Name	Part	Sway y / Sway z	L_y [m] / L_z [m]	k_y [-] / k_z [-]	l_y [m] / l_z [m]	λ_y [-] / λ_z [-]	l_{yz} [m]	l_{LTB} [m]
B1	CS1	1	Yes	3,241	2,408	7,803	94,223	3,241	3,241
			No	3,241	0,990	3,208	64,274		
B2	CS1	1	Yes	2,891	2,258	6,527	78,808	2,891	2,891
			No	2,891	0,792	2,288	45,843		
B3	CS2	1	Yes	1,120	10,000	11,201	111,428	2,036	2,036
			No	2,036	0,965	1,966	32,738		
B3	CS2	2	Yes	1,782	1,889	3,367	33,493	2,036	2,036
			No	2,036	0,965	1,966	32,738		
B3	CS2	3	Yes	1,782	1,889	3,367	33,493	0,866	0,866
			No	0,866	0,988	0,855	14,241		
B3	CS2	4	Yes	3,207	5,030	16,135	160,511	1,171	1,171
			No	1,171	0,959	1,123	18,692		
B3	CS2	5	Yes	3,207	5,030	16,135	160,511	2,036	2,036
			No	2,036	0,961	1,956	32,576		
B4	CS1	1	Yes	3,241	2,416	7,828	94,527	3,241	3,241
			No	3,241	0,990	3,208	64,275		
B5	CS1	1	Yes	2,891	2,263	6,541	78,984	2,891	2,891
			No	2,891	0,799	2,310	46,276		
B6	CS2	1	Yes	1,120	10,000	11,201	111,428	2,036	2,036
			No	2,036	0,965	1,966	32,739		
B6	CS2	2	Yes	1,782	1,916	3,414	33,965	2,036	2,036
			No	2,036	0,965	1,966	32,739		
B6	CS2	3	Yes	1,782	1,916	3,414	33,965	0,866	0,866
			No	0,866	0,987	0,855	14,229		
B6	CS2	4	Yes	3,207	4,742	15,209	151,304	1,171	1,171
			No	1,171	0,959	1,123	18,697		
B6	CS2	5	Yes	3,207	4,742	15,209	151,304	2,036	2,036
			No	2,036	0,960	1,956	32,565		
B7	CS1	1	Yes	3,241	2,413	7,820	94,426	3,241	3,241
			No	3,241	0,990	3,208	64,276		
B8	CS1	1	Yes	2,891	2,260	6,531	78,866	2,891	2,891
			No	2,891	0,799	2,310	46,279		
B9	CS2	1	Yes	1,120	10,000	11,201	111,428	2,036	2,036
			No	2,036	0,965	1,966	32,739		
B9	CS2	2	Yes	1,782	1,901	3,387	33,700	2,036	2,036
			No	2,036	0,965	1,966	32,739		
B9	CS2	3	Yes	1,782	1,901	3,387	33,700	0,866	0,866
			No	0,866	0,987	0,855	14,229		
B9	CS2	4	Yes	3,207	5,021	16,105	160,222	1,171	1,171
			No	1,171	0,959	1,123	18,697		
B9	CS2	5	Yes	3,207	5,021	16,105	160,222	2,036	2,036
			No	2,036	0,960	1,956	32,565		
B10	CS1	1	Yes	3,241	2,423	7,853	94,824	3,241	3,241
			No	3,241	0,990	3,208	64,274		
B11	CS1	1	Yes	2,891	2,265	6,546	79,041	2,891	2,891
			No	2,891	0,791	2,287	45,835		
B12	CS2	1	Yes	1,120	10,000	11,201	111,428	2,036	2,036
			No	2,036	0,965	1,966	32,732		
B12	CS2	2	Yes	1,782	1,925	3,430	34,121	2,036	2,036
			No	2,036	0,965	1,966	32,732		
B12	CS2	3	Yes	1,782	1,925	3,430	34,121	0,866	0,866
			No	0,866	0,988	0,855	14,240		
B12	CS2	4	Yes	3,207	4,717	15,130	150,521	1,171	1,171
			No	1,171	0,959	1,123	18,692		
B12	CS2	5	Yes	3,207	4,717	15,130	150,521	2,036	2,036
			No	2,036	0,961	1,956	32,574		
B13	CS1	1	Yes	3,241	2,469	8,000	96,601	3,241	3,241
			No	3,241	0,990	3,208	64,283		

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Member	CS Name	Part	Sway y Sway z	L_y [m] L_z [m]	k_y [-] k_z [-]	l_y [m] l_z [m]	λ_y [-] λ_z [-]	l_{yz} [m]	l_{LTB} [m]
B14	CS1	1	Yes	2,891	2,290	6,619	79,922	2,891	2,891
			No	2,891	0,840	2,429	48,662		
B15	CS2	1	Yes	1,120	10,000	11,201	111,428	2,036	2,036
			No	2,036	0,984	2,004	33,363		
B15	CS2	2	Yes	1,782	1,982	3,531	35,130	2,036	2,036
			No	2,036	0,984	2,004	33,363		
B15	CS2	3	Yes	1,782	1,982	3,531	35,130	0,866	0,866
			No	0,866	0,991	0,858	14,281		
B15	CS2	4	Yes	3,207	6,266	20,099	199,951	1,171	1,171
			No	1,171	0,962	1,126	18,750		
B15	CS2	5	Yes	3,207	6,266	20,099	199,951	2,036	2,036
			No	2,036	0,965	1,966	32,729		
B16	CS1	1	Yes	3,241	2,329	7,546	91,117	3,241	3,241
			No	3,241	0,990	3,208	64,283		
B17	CS1	1	Yes	2,891	2,196	6,348	76,652	2,891	2,891
			No	2,891	0,840	2,429	48,679		
B18	CS2	1	Yes	1,120	10,000	11,201	111,428	2,036	2,036
			No	2,036	0,984	2,004	33,370		
B18	CS2	2	Yes	1,782	1,739	3,099	30,831	2,036	2,036
			No	2,036	0,984	2,004	33,370		
B18	CS2	3	Yes	1,782	1,739	3,099	30,831	0,866	0,866
			No	0,866	0,991	0,858	14,281		
B18	CS2	4	Yes	3,207	5,955	19,100	190,015	1,171	1,171
			No	1,171	0,962	1,126	18,751		
B18	CS2	5	Yes	3,207	5,955	19,100	190,015	2,036	2,036
			No	2,036	0,965	1,966	32,732		
B19	CS3	1	No	6,000	0,632	3,792	45,924	6,000	6,000
			No	6,000	0,626	3,755	168,040		
B21	CS3	1	No	6,000	0,665	3,992	48,344	6,000	6,000
			No	6,000	0,626	3,756	168,114		
B22	CS3	1	No	6,000	0,632	3,789	45,893	6,000	6,000
			No	6,000	0,626	3,755	168,059		
B23	CS3	1	No	6,000	0,624	3,745	45,358	6,000	6,000
			No	6,000	0,626	3,754	168,020		
B24	CS3	1	No	6,000	0,630	3,779	45,765	6,000	6,000
			No	6,000	0,625	3,752	167,920		
B25	CS3	1	No	6,000	0,623	3,739	45,283	6,000	6,000
			No	6,000	0,625	3,753	167,954		
B26	CS3	1	No	6,000	0,622	3,731	45,185	6,000	6,000
			No	6,000	0,625	3,752	167,934		
B27	CS3	1	No	6,000	0,624	3,746	45,374	6,000	6,000
			No	6,000	0,625	3,752	167,915		
B28	CS3	1	No	6,000	0,628	3,767	45,625	6,000	6,000
			No	6,000	0,625	3,750	167,821		
B29	CS3	1	No	6,000	0,629	3,774	45,708	6,000	6,000
			No	6,000	0,625	3,750	167,822		
B30	CS3	1	No	6,000	0,631	3,787	45,866	6,000	6,000
			No	6,000	0,625	3,750	167,820		
B31	CS3	1	No	6,000	0,628	3,767	45,622	6,000	6,000
			No	6,000	0,625	3,750	167,823		
B32	CS3	1	No	6,000	0,629	3,772	45,683	6,000	6,000
			No	6,000	0,625	3,752	167,915		
B33	CS3	1	No	6,000	0,626	3,756	45,493	6,000	6,000
			No	6,000	0,625	3,753	167,942		
B34	CS3	1	No	6,000	0,622	3,729	45,164	6,000	6,000
			No	6,000	0,625	3,752	167,927		
B35	CS3	1	No	6,000	0,624	3,742	45,325	6,000	6,000
			No	6,000	0,625	3,752	167,910		
B36	CS3	1	No	6,000	0,631	3,789	45,889	6,000	6,000
			No	6,000	0,627	3,761	168,322		
B37	CS3	1	No	6,000	0,710	4,262	51,619	6,000	6,000
			No	6,000	0,627	3,763	168,411		
B38	CS3	1	No	6,000	0,668	4,008	48,543	6,000	6,000
			No	6,000	0,627	3,761	168,324		

Partizanska cesta 3-5, 2000 Maribor
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Member	CS Name	Part	Sway y Sway z	L_y [m] L_z [m]	k_y [-] k_z [-]	l_y [m] l_z [m]	λ_y [-] λ_z [-]	l_{yz} [m]	l_{LTB} [m]
B39	CS3	1	No	6,000	0,631	3,786	45,848	6,000	6,000
			No	6,000	0,627	3,760	168,257		
B40	CS1	1	Yes	2,844	2,339	6,654	80,344	2,844	2,844
			No	2,844	0,795	2,262	45,333		
B41	CS1	1	Yes	2,454	2,132	5,232	63,170	2,454	2,454
			No	2,454	0,991	2,432	48,721		
B42	CS2	1	Yes	3,159	4,321	13,649	135,784	2,036	2,036
			No	2,036	0,961	1,956	32,576		
B42	CS2	2	Yes	3,159	4,321	13,649	135,784	1,122	1,122
			No	1,122	0,960	1,077	17,941		
B42	CS2	3	Yes	1,989	1,563	3,109	30,929	0,914	0,914
			No	0,914	0,988	0,903	15,037		
B42	CS2	4	Yes	1,989	1,563	3,109	30,929	2,036	2,036
			No	2,036	0,968	1,972	32,841		
B42	CS2	5	Yes	0,962	10,000	9,616	95,661	2,036	2,036
			No	2,036	0,968	1,972	32,841		
B43	CS1	1	Yes	2,844	2,331	6,631	80,067	2,844	2,844
			No	2,844	0,803	2,284	45,770		
B44	CS1	1	Yes	2,454	2,127	5,221	63,040	2,454	2,454
			No	2,454	0,991	2,432	48,722		
B45	CS2	1	Yes	3,159	4,502	14,220	141,462	2,036	2,036
			No	2,036	0,960	1,956	32,568		
B45	CS2	2	Yes	3,159	4,502	14,220	141,462	1,122	1,122
			No	1,122	0,960	1,078	17,947		
B45	CS2	3	Yes	1,989	1,545	3,073	30,574	0,914	0,914
			No	0,914	0,987	0,902	15,023		
B45	CS2	4	Yes	1,989	1,545	3,073	30,574	2,036	2,036
			No	2,036	0,969	1,973	32,854		
B45	CS2	5	Yes	0,962	10,000	9,616	95,661	2,036	2,036
			No	2,036	0,969	1,973	32,854		
B46	CS1	1	Yes	2,844	2,336	6,643	80,212	2,844	2,844
			No	2,844	0,803	2,284	45,767		
B47	CS1	1	Yes	2,454	2,129	5,225	63,086	2,454	2,454
			No	2,454	0,991	2,432	48,722		
B48	CS2	1	Yes	3,159	4,359	13,770	136,992	2,036	2,036
			No	2,036	0,960	1,956	32,568		
B48	CS2	2	Yes	3,159	4,359	13,770	136,992	1,122	1,122
			No	1,122	0,960	1,078	17,947		
B48	CS2	3	Yes	1,989	1,557	3,097	30,805	0,914	0,914
			No	0,914	0,987	0,902	15,023		
B48	CS2	4	Yes	1,989	1,557	3,097	30,805	2,036	2,036
			No	2,036	0,969	1,973	32,854		
B48	CS2	5	Yes	0,962	10,000	9,616	95,661	2,036	2,036
			No	2,036	0,969	1,973	32,854		
B49	CS1	1	Yes	2,844	2,328	6,621	79,948	2,844	2,844
			No	2,844	0,796	2,263	45,342		
B50	CS1	1	Yes	2,454	2,127	5,221	63,037	2,454	2,454
			No	2,454	0,991	2,432	48,721		
B51	CS2	1	Yes	3,159	4,476	14,137	140,639	2,036	2,036
			No	2,036	0,961	1,957	32,578		
B51	CS2	2	Yes	3,159	4,476	14,137	140,639	1,122	1,122
			No	1,122	0,960	1,078	17,942		
B51	CS2	3	Yes	1,989	1,538	3,060	30,445	0,914	0,914
			No	0,914	0,988	0,903	15,037		
B51	CS2	4	Yes	1,989	1,538	3,060	30,445	2,036	2,036
			No	2,036	0,969	1,973	32,847		
B51	CS2	5	Yes	0,962	10,000	9,616	95,661	2,036	2,036
			No	2,036	0,969	1,973	32,847		
B52	CS1	1	Yes	2,844	2,245	6,386	77,106	2,844	2,844
			No	2,844	0,848	2,413	48,348		
B53	CS1	1	Yes	2,454	2,062	5,060	61,099	2,454	2,454
			No	2,454	0,991	2,432	48,727		
B54	CS2	1	Yes	3,159	5,341	16,872	167,844	2,036	2,036
			No	2,036	0,965	1,965	32,725		

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Member	CS Name	Part	Sway y Sway z	L_y [m] L_z [m]	k_y [-] k_z [-]	l_y [m] l_z [m]	λ_y [-] λ_z [-]	l_{yz} [m]	l_{LTB} [m]
B54	CS2	2	Yes	3,159	5,341	16,872	167,844	1,122	1,122
			No	1,122	0,964	1,082	18,009		
B54	CS2	3	Yes	1,989	1,379	2,743	27,292	0,914	0,914
			No	0,914	0,991	0,906	15,080		
B54	CS2	4	Yes	1,989	1,379	2,743	27,292	2,036	2,036
			No	2,036	0,988	2,011	33,490		
B54	CS2	5	Yes	0,962	10,000	9,616	95,661	2,036	2,036
			No	2,036	0,988	2,011	33,490		
B55	CS1	1	Yes	2,844	2,378	6,764	81,675	2,844	2,844
			No	2,844	0,848	2,412	48,332		
B56	CS1	1	Yes	2,454	2,151	5,280	63,750	2,454	2,454
			No	2,454	0,991	2,432	48,727		
B57	CS2	1	Yes	3,159	5,644	17,828	177,358	2,036	2,036
			No	2,036	0,965	1,965	32,722		
B57	CS2	2	Yes	3,159	5,644	17,828	177,358	1,122	1,122
			No	1,122	0,964	1,082	18,009		
B57	CS2	3	Yes	1,989	1,606	3,195	31,784	0,914	0,914
			No	0,914	0,991	0,906	15,079		
B57	CS2	4	Yes	1,989	1,606	3,195	31,784	2,036	2,036
			No	2,036	0,987	2,011	33,483		
B57	CS2	5	Yes	0,962	10,000	9,616	95,661	2,036	2,036
			No	2,036	0,987	2,011	33,483		
B58	CS3	1	No	6,000	0,640	3,840	46,502	6,000	6,000
			No	6,000	0,627	3,763	168,415		
B59	CS3	1	No	6,000	0,615	3,687	44,655	6,000	6,000
			No	6,000	0,627	3,760	168,270		
B60	CS3	1	No	6,000	0,629	3,776	45,732	6,000	6,000
			No	6,000	0,627	3,759	168,241		
B61	CS3	1	No	6,000	0,762	4,572	55,372	6,000	6,000
			No	6,000	0,627	3,761	168,321		
B62	CS3	1	No	6,000	0,657	3,942	47,743	6,000	6,000
			No	6,000	0,625	3,752	167,910		
B63	CS3	1	No	6,000	0,682	4,092	49,558	6,000	6,000
			No	6,000	0,625	3,752	167,897		
B64	CS3	1	No	6,000	0,732	4,390	53,172	6,000	6,000
			No	6,000	0,625	3,751	167,889		
B65	CS3	1	No	6,000	0,665	3,988	48,305	6,000	6,000
			No	6,000	0,625	3,752	167,896		
B66	CS3	1	No	6,000	0,649	3,893	47,146	6,000	6,000
			No	6,000	0,625	3,750	167,817		
B67	CS3	1	No	6,000	0,659	3,954	47,884	6,000	6,000
			No	6,000	0,625	3,750	167,827		
B68	CS3	1	No	6,000	0,669	4,014	48,614	6,000	6,000
			No	6,000	0,625	3,750	167,828		
B69	CS3	1	No	6,000	0,645	3,870	46,874	6,000	6,000
			No	6,000	0,625	3,750	167,825		
B70	CS3	1	No	6,000	0,664	3,981	48,215	6,000	6,000
			No	6,000	0,625	3,752	167,913		
B71	CS3	1	No	6,000	0,688	4,128	49,996	6,000	6,000
			No	6,000	0,625	3,752	167,903		
B72	CS3	1	No	6,000	0,735	4,410	53,411	6,000	6,000
			No	6,000	0,625	3,752	167,895		
B73	CS3	1	No	6,000	0,656	3,935	47,655	6,000	6,000
			No	6,000	0,625	3,752	167,901		
B74	CS3	1	No	6,000	0,648	3,886	47,065	6,000	6,000
			No	6,000	0,626	3,755	168,038		
B75	CS3	1	No	6,000	0,614	3,685	44,625	6,000	6,000
			No	6,000	0,626	3,754	168,008		
B76	CS3	1	No	6,000	0,630	3,778	45,751	6,000	6,000
			No	6,000	0,626	3,754	167,994		
B77	CS3	1	No	6,000	0,766	4,597	55,675	6,000	6,000
			No	6,000	0,626	3,754	168,014		
B78	CS3	1	No	6,000	0,623	3,735	45,239	6,000	6,000
			No	6,000	0,626	3,754	168,022		

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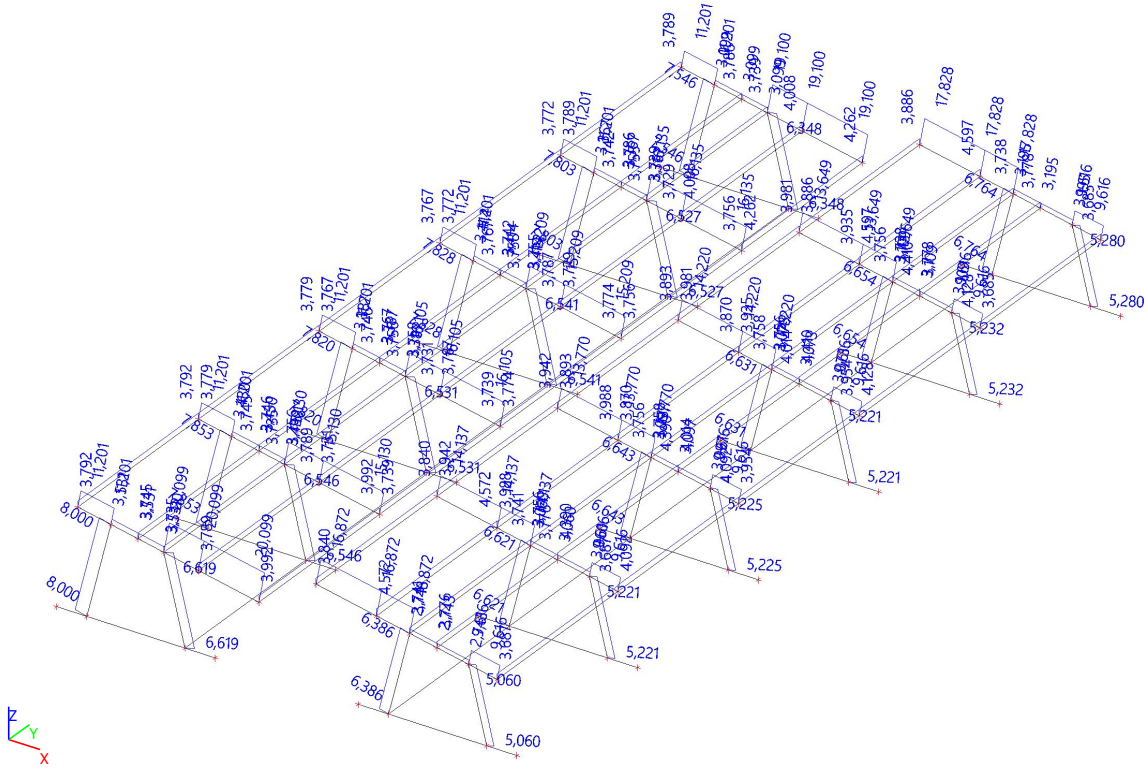
Member	CS Name	Part	Sway y Sway z	L_y [m] L_z [m]	k_y [-] k_z [-]	l_y [m] l_z [m]	λ_y [-] λ_z [-]	l_{yz} [m]	l_{LTB} [m]
B79	CS3	1	No	6,000	0,626	3,756	45,485	6,000	6,000
			No	6,000	0,625	3,752	167,923		
B80	CS3	1	No	6,000	0,626	3,758	45,520	6,000	6,000
			No	6,000	0,625	3,750	167,821		
B81	CS3	1	No	6,000	0,626	3,755	45,482	6,000	6,000
			No	6,000	0,625	3,752	167,918		
B82	CS3	1	No	6,000	0,623	3,739	45,280	6,000	6,000
			No	6,000	0,627	3,760	168,284		
B83	CS3	1	No	6,000	0,624	3,741	45,309	6,000	6,000
			No	6,000	0,626	3,758	168,179		
B84	CS3	1	No	6,000	0,626	3,756	45,491	6,000	6,000
			No	6,000	0,625	3,751	167,882		
B85	CS3	1	No	6,000	0,626	3,758	45,519	6,000	6,000
			No	6,000	0,625	3,750	167,830		
B86	CS3	1	No	6,000	0,626	3,756	45,493	6,000	6,000
			No	6,000	0,625	3,751	167,887		
B87	CS3	1	No	6,000	0,623	3,738	45,274	6,000	6,000
			No	6,000	0,626	3,753	167,959		

3.6.3.1.2. Uklonske dolžine - grafični prikaz

3.6.3.1.2.1. Uklonske dolžine - grafični prikaz - Layer1

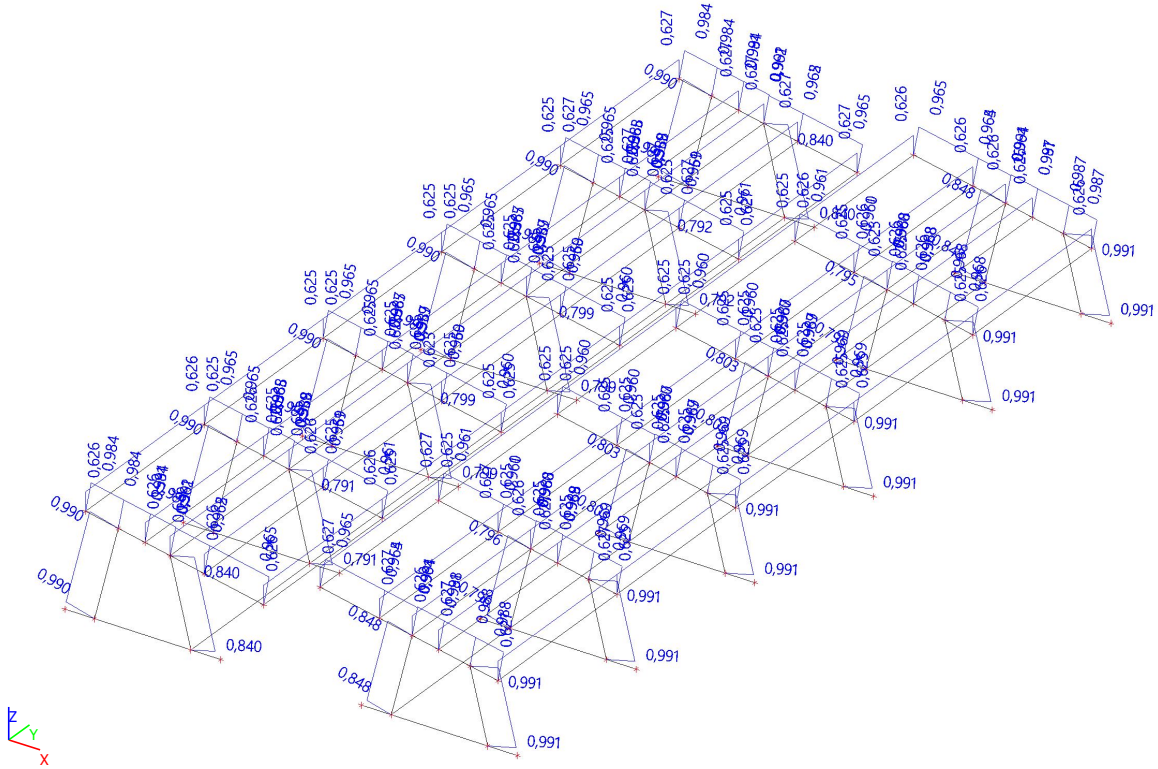
Name	Structural model only	Colour
Layer1	×	

3.6.3.1.2.1.1. Uklonske dolžine ly



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3.6.3.1.2.1.2. Uklonske dolžine lz



3.6.3.1.3. Ovojnice kombinacij za dimenzioniranje (MSN)

3.6.3.1.3.1. Ovojnice kombinacij za dimenzioniranje (MSN) - All ULS

Name	List
All ULS	ULS-Set B (auto) - EN-ULS (STR/GEO) Set B
	ULS-Seis (auto) - EN-Seismic

3.6.3.1.3.1.1. Dimenzioniranje jeklenih konstrukcijskih elementov v skladu z EN 1993

Values: **$UC_{Overall}$**
Linear calculation
Class: All ULS
Coordinate system: Principal
Extreme 1D: Member
Selection: All
Overall Unity Check

Name	dx [m]	Case	Cross-section	Material	$UC_{Overall}$ [-]	UC_{Sec} [-]	UC_{Stab} [-]
B1	0,000	ULS-Set B (auto)/1	CS1 - HEA200	S 235	**0,22**	0,03	0,22
B2	0,000	ULS-Set B (auto)/2	CS1 - HEA200	S 235	**0,93**	0,12	0,93
B3	2,902+	ULS-Set B (auto)/2	CS2 - HEA240	S 235	**0,90**	0,90	0,00
B4	0,000	ULS-Set B (auto)/2	CS1 - HEA200	S 235	**0,20**	0,03	0,20
B5	0,000	ULS-Set B (auto)/2	CS1 - HEA200	S 235	**0,85**	0,11	0,85
B6	2,902+	ULS-Set B (auto)/2	CS2 - HEA240	S 235	**0,83**	0,83	0,00
B7	0,000	ULS-Set B (auto)/2	CS1 - HEA200	S 235	**0,20**	0,03	0,20
B8	0,000	ULS-Set B (auto)/2	CS1 - HEA200	S 235	**0,85**	0,11	0,85

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Name	dx [m]	Case	Cross-section	Material	$UC_{Overall}$ [-]	UC_{Sec} [-]	UC_{Stab} [-]
B9	2,902+	ULS-Set B (auto)/2	CS2 - HEA240	S 235	**0,83**	0,83	0,00
B10	0,000	ULS-Set B (auto)/1	CS1 - HEA200	S 235	**0,22**	0,03	0,22
B11	0,000	ULS-Set B (auto)/2	CS1 - HEA200	S 235	**0,93**	0,12	0,93
B12	2,902+	ULS-Set B (auto)/2	CS2 - HEA240	S 235	**0,90**	0,90	0,00
B13	0,000	ULS-Set B (auto)/1	CS1 - HEA200	S 235	**0,12**	0,01	0,12
B14	0,000	ULS-Set B (auto)/1	CS1 - HEA200	S 235	**0,50**	0,05	0,50
B15	2,902+	ULS-Set B (auto)/1	CS2 - HEA240	S 235	**0,39**	0,39	0,00
B16	0,000	ULS-Set B (auto)/1	CS1 - HEA200	S 235	**0,12**	0,01	0,12
B17	0,000	ULS-Set B (auto)/1	CS1 - HEA200	S 235	**0,50**	0,05	0,50
B18	2,902+	ULS-Set B (auto)/1	CS2 - HEA240	S 235	**0,39**	0,39	0,00
B19	6,000	ULS-Set B (auto)/2	CS3 - IPE200	S 235	**0,61**	0,36	0,61
B21	2,471	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,76**	0,33	0,76
B22	6,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,97**	0,49	0,97
B23	6,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,79**	0,48	0,79
B24	0,000	ULS-Set B (auto)/2	CS3 - IPE200	S 235	**0,40**	0,36	0,40
B25	6,000	ULS-Set B (auto)/2	CS3 - IPE200	S 235	**0,37**	0,30	0,37
B26	0,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,54**	0,49	0,54
B27	0,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,52**	0,47	0,52
B28	0,000	ULS-Set B (auto)/2	CS3 - IPE200	S 235	**0,37**	0,27	0,37
B29	6,000	ULS-Set B (auto)/2	CS3 - IPE200	S 235	**0,34**	0,30	0,34
B30	6,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,51**	0,39	0,51
B31	0,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,47**	0,35	0,47
B32	6,000	ULS-Set B (auto)/2	CS3 - IPE200	S 235	**0,40**	0,36	0,40
B33	0,000	ULS-Set B (auto)/2	CS3 - IPE200	S 235	**0,37**	0,30	0,37
B34	6,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,54**	0,49	0,54
B35	6,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,52**	0,47	0,52
B36	0,000	ULS-Set B (auto)/2	CS3 - IPE200	S 235	**0,61**	0,36	0,61
B37	3,529	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,76**	0,33	0,76
B38	0,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,97**	0,49	0,97
B39	0,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,79**	0,48	0,79
B40	0,000	ULS-Set B (auto)/2	CS1 - HEA200	S 235	**0,80**	0,12	0,80
B41	0,000	ULS-Set B (auto)/3	CS1 - HEA200	S 235	**0,19**	0,03	0,19
B42	3,159-	ULS-Set B (auto)/2	CS2 - HEA240	S 235	**0,95**	0,87	0,95

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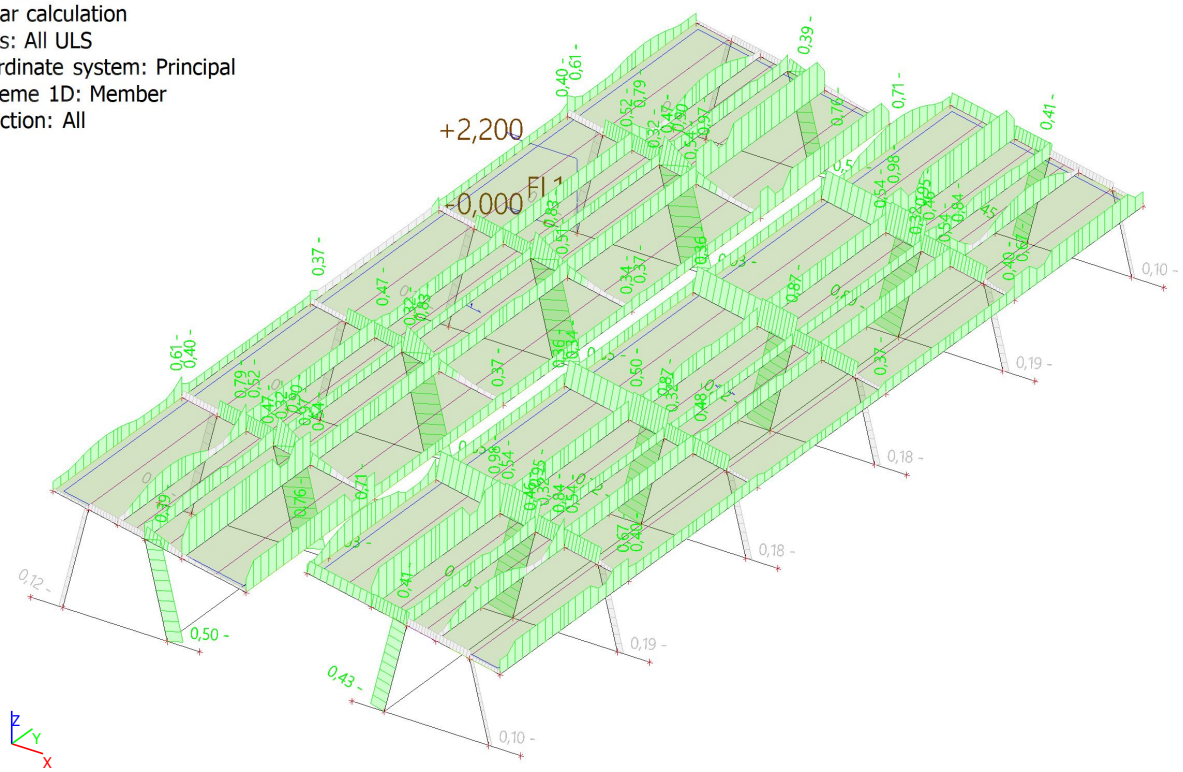
Name	dx [m]	Case	Cross-section	Material	$UC_{Overall}$ [-]	UC_{Sec} [-]	UC_{Stab} [-]
B43	0,000	ULS-Set B (auto)/2	CS1 - HEA200	S 235	**0,72**	0,11	0,72
B44	0,000	ULS-Set B (auto)/3	CS1 - HEA200	S 235	**0,18**	0,03	0,18
B45	3,159-	ULS-Set B (auto)/2	CS2 - HEA240	S 235	**0,87**	0,80	0,87
B46	0,000	ULS-Set B (auto)/2	CS1 - HEA200	S 235	**0,72**	0,11	0,72
B47	0,000	ULS-Set B (auto)/3	CS1 - HEA200	S 235	**0,18**	0,03	0,18
B48	3,159-	ULS-Set B (auto)/2	CS2 - HEA240	S 235	**0,87**	0,80	0,87
B49	0,000	ULS-Set B (auto)/2	CS1 - HEA200	S 235	**0,80**	0,12	0,80
B50	0,000	ULS-Set B (auto)/3	CS1 - HEA200	S 235	**0,19**	0,03	0,19
B51	3,159-	ULS-Set B (auto)/2	CS2 - HEA240	S 235	**0,95**	0,87	0,95
B52	0,000	ULS-Set B (auto)/1	CS1 - HEA200	S 235	**0,43**	0,05	0,43
B53	0,000	ULS-Set B (auto)/4	CS1 - HEA200	S 235	**0,10**	0,01	0,10
B54	3,159-	ULS-Set B (auto)/1	CS2 - HEA240	S 235	**0,41**	0,38	0,41
B55	0,000	ULS-Set B (auto)/1	CS1 - HEA200	S 235	**0,45**	0,05	0,45
B56	0,000	ULS-Set B (auto)/4	CS1 - HEA200	S 235	**0,10**	0,01	0,10
B57	3,159-	ULS-Set B (auto)/1	CS2 - HEA240	S 235	**0,41**	0,38	0,41
B58	2,471	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,71**	0,32	0,71
B59	6,000	ULS-Set B (auto)/2	CS3 - IPE200	S 235	**0,67**	0,36	0,67
B60	6,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,84**	0,49	0,84
B61	6,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,98**	0,49	0,98
B62	6,000	ULS-Set B (auto)/2	CS3 - IPE200	S 235	**0,36**	0,29	0,36
B63	0,000	ULS-Set B (auto)/2	CS3 - IPE200	S 235	**0,40**	0,36	0,40
B64	0,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,54**	0,48	0,54
B65	0,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,54**	0,49	0,54
B66	0,000	ULS-Set B (auto)/2	CS3 - IPE200	S 235	**0,34**	0,29	0,34
B67	6,000	ULS-Set B (auto)/2	CS3 - IPE200	S 235	**0,37**	0,27	0,37
B68	0,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,48**	0,35	0,48
B69	0,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,50**	0,39	0,50
B70	0,000	ULS-Set B (auto)/2	CS3 - IPE200	S 235	**0,36**	0,29	0,36
B71	6,000	ULS-Set B (auto)/2	CS3 - IPE200	S 235	**0,40**	0,36	0,40
B72	6,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,54**	0,48	0,54
B73	6,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,54**	0,49	0,54
B74	3,529	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,71**	0,32	0,71
B75	0,000	ULS-Set B (auto)/2	CS3 - IPE200	S 235	**0,67**	0,36	0,67

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Name	dx [m]	Case	Cross-section	Material	$UC_{Overall}$ [-]	UC_{Sec} [-]	UC_{Stab} [-]
B76	0,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,84**	0,49	0,84
B77	0,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,98**	0,49	0,98
B78	6,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,47**	0,31	0,47
B79	0,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,32**	0,29	0,32
B80	0,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,32**	0,26	0,32
B81	6,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,32**	0,29	0,32
B82	0,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,47**	0,31	0,47
B83	6,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,46**	0,31	0,46
B84	0,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,32**	0,28	0,32
B85	0,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,32**	0,26	0,32
B86	6,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,32**	0,28	0,32
B87	0,000	ULS-Set B (auto)/1	CS3 - IPE200	S 235	**0,46**	0,31	0,46

3.6.3.1.3.1.2. Izkoriščenosti jeklenih konstrukcijskih elementov

Values: **$UC_{Overall}$**
Linear calculation
Class: All ULS
Coordinate system: Principal
Extreme 1D: Member
Selection: All



3.6.3.1.4. Result classes

3.6.3.1.4.1. Result classes - All SLS

Name	List
All SLS	SLS-Char (auto) - EN-SLS Characteristic
	SLS-Quasi (auto) - EN-SLS Quasi-permanent

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Linear calculation
Class: All SLS
Coordinate system: Global
Extreme 1D: Cross-section
Selection: All

Deformations

Name	dx [m]	Case	Cross-section	u_x [mm]	u_y [mm]	u_z [mm]	φ_x [mrad]	φ_y [mrad]	φ_z [mrad]	U_{total} [mm]
B49	1,991	SLS-Char (auto)/1	CS1 - HEA200	**4,9**	0,2	-3,4	0,1	-0,1	0,0	6,0
B14	1,734	SLS-Char (auto)/2	CS1 - HEA200	-3,3	**-1,1**	-2,6	-0,3	-0,8	0,6	4,3
B17	1,734	SLS-Char (auto)/2	CS1 - HEA200	-3,3	**1,1**	-2,6	0,3	-0,8	-0,6	4,3
B2	2,312	SLS-Char (auto)/1	CS1 - HEA200	**-7,6**	-0,1	**-4,0**	-0,1	0,8	0,1	**8,6**
B2	2,312	SLS-Char (auto)/3	CS1 - HEA200	1,6	0,0	**-0,4**	0,0	0,1	0,0	1,6
B14	2,891	SLS-Char (auto)/2	CS1 - HEA200	-2,8	0,0	-2,5	**-2,3**	2,0	0,5	3,8
B17	2,891	SLS-Char (auto)/2	CS1 - HEA200	-2,8	0,0	-2,5	**2,3**	2,0	-0,5	3,8
B2	0,000	SLS-Char (auto)/1	CS1 - HEA200	0,0	0,0	-1,9	0,1	**-5,3**	0,0	1,9
B2	2,891	SLS-Char (auto)/1	CS1 - HEA200	-6,3	0,0	-3,8	-0,3	**4,3**	0,1	7,3
B17	2,023	SLS-Char (auto)/2	CS1 - HEA200	-3,4	1,1	-2,7	0,7	-0,2	**-0,6**	4,5
B14	2,023	SLS-Char (auto)/2	CS1 - HEA200	-3,4	-1,1	-2,7	-0,7	-0,2	**0,6**	4,5
B51	4,825	SLS-Char (auto)/4	CS2 - HEA240	**4,0**	0,0	-0,7	0,3	0,0	-0,1	4,1
B18	3,370	SLS-Char (auto)/2	CS2 - HEA240	-3,0	**0,0**	-3,8	4,5	3,2	-0,9	4,9
B15	3,370	SLS-Char (auto)/2	CS2 - HEA240	-3,0	**0,0**	-3,8	-4,5	3,2	0,9	4,9
B3	6,109	SLS-Char (auto)/1	CS2 - HEA240	**-12,5**	0,0	**-36,0**	0,0	**12,4**	0,0	**38,1**
B12	6,109	SLS-Char (auto)/3	CS2 - HEA240	2,0	0,0	**2,5**	-0,6	-1,2	0,1	3,3
B15	6,109	SLS-Char (auto)/1	CS2 - HEA240	-5,3	0,0	-16,8	**-8,7**	5,5	**1,7**	17,6
B51	0,000	SLS-Char (auto)/1	CS2 - HEA240	-2,3	0,0	-33,2	0,1	**-11,8**	0,0	33,3
B18	6,109	SLS-Char (auto)/1	CS2 - HEA240	-5,3	0,0	-16,8	**8,7**	5,5	**-1,7**	17,6
B64	2,824	SLS-Char (auto)/4	CS3 - IPE200	**5,3**	0,0	-3,1	-0,3	-1,1	0,0	6,2
B82	6,000	SLS-Char (auto)/2	CS3 - IPE200	-2,8	**0,0**	-2,5	2,3	2,0	-0,5	3,8
B78	0,000	SLS-Char (auto)/2	CS3 - IPE200	-2,8	**0,0**	-2,5	-2,3	2,0	0,5	3,8
B33	3,529	SLS-Char (auto)/1	CS3 - IPE200	**-13,2**	0,0	**-38,1**	0,2	12,1	-0,1	**40,3**
B21	2,824	SLS-Char (auto)/3	CS3 - IPE200	5,3	0,0	**4,5**	-0,1	-1,1	-0,1	7,0
B21	0,000	SLS-Char (auto)/1	CS3 - IPE200	-5,3	0,0	-16,8	**-8,7**	5,5	1,7	17,6
B37	6,000	SLS-Char (auto)/1	CS3 - IPE200	-5,3	0,0	-16,8	**8,7**	5,5	-1,7	17,6
B58	6,000	SLS-Char (auto)/1	CS3 - IPE200	-2,3	0,0	-33,2	0,1	**-11,8**	0,0	33,3
B33	6,000	SLS-Char (auto)/1	CS3 - IPE200	-12,5	0,0	-36,0	0,0	**12,4**	0,0	38,1
B37	4,941	SLS-Char (auto)/5	CS3 - IPE200	-7,2	0,0	-21,4	6,1	5,6	**-2,6**	22,6
B21	1,059	SLS-Char	CS3 - IPE200	-7,2	0,0	-21,4	-6,1	5,6	**2,6**	22,6

Partizanska cesta 3-5, 2000 Maribor
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Name	dx [m]	Case	Cross-section	u_x [mm]	u_y [mm]	u_z [mm]	φ_x [mrad]	φ_y [mrad]	φ_z [mrad]	U_{total} [mm]
		(auto)/5								
B88	1,000-	SLS-Char (auto)/6	Pasovni temelj 60/60 - Rectangle (600,00; 600,00)	**0,1**	0,0	-0,8	0,0	0,0	0,0	0,8
B98	0,000	SLS-Char (auto)/7	Pasovni temelj 60/60 - Rectangle (600,00; 600,00)	-0,1	**-0,1**	-1,3	-0,2	0,1	0,0	1,3
B88	0,000	SLS-Char (auto)/7	Pasovni temelj 60/60 - Rectangle (600,00; 600,00)	**-0,1**	**0,1**	-1,3	0,2	0,1	0,0	1,3
B101	0,000	SLS-Char (auto)/1	Pasovni temelj 60/60 - Rectangle (600,00; 600,00)	0,0	0,0	**-2,0**	0,0	-0,1	0,0	**2,0**
B101	0,000	SLS-Char (auto)/3	Pasovni temelj 60/60 - Rectangle (600,00; 600,00)	0,0	0,0	**-0,4**	0,0	0,1	0,0	0,4
B109	1,000-	SLS-Char (auto)/2	Pasovni temelj 60/60 - Rectangle (600,00; 600,00)	0,0	0,0	-1,8	**-0,2**	-0,2	0,0	1,8
B99	1,406	SLS-Char (auto)/2	Pasovni temelj 60/60 - Rectangle (600,00; 600,00)	0,0	0,0	-1,7	**0,2**	**-0,2**	0,0	1,7
B101	3,438-	SLS-Char (auto)/3	Pasovni temelj 60/60 - Rectangle (600,00; 600,00)	0,0	0,0	-1,0	0,0	**0,2**	0,0	1,0
B88	4,250-	SLS-Char (auto)/7	Pasovni temelj 60/60 - Rectangle (600,00; 600,00)	-0,1	0,0	-1,5	0,2	0,1	**0,0**	1,5
B98	4,250-	SLS-Char (auto)/7	Pasovni temelj 60/60 - Rectangle (600,00; 600,00)	-0,1	0,0	-1,5	-0,2	0,1	**0,0**	1,5
B89	0,000	SLS-Char (auto)/7	Pasovni temelj 40/60 - Rectangle (600,00; 400,00)	**-0,1**	0,0	-1,5	0,2	0,1	0,0	1,5
B89	0,000	SLS-Char (auto)/6	Pasovni temelj 40/60 - Rectangle (600,00; 400,00)	**0,1**	**0,0**	-0,8	0,0	0,0	0,0	0,8
B108	6,000	SLS-Char (auto)/8	Pasovni temelj 40/60 - Rectangle (600,00; 400,00)	0,0	**0,0**	-1,4	-0,2	-0,1	0,0	1,4

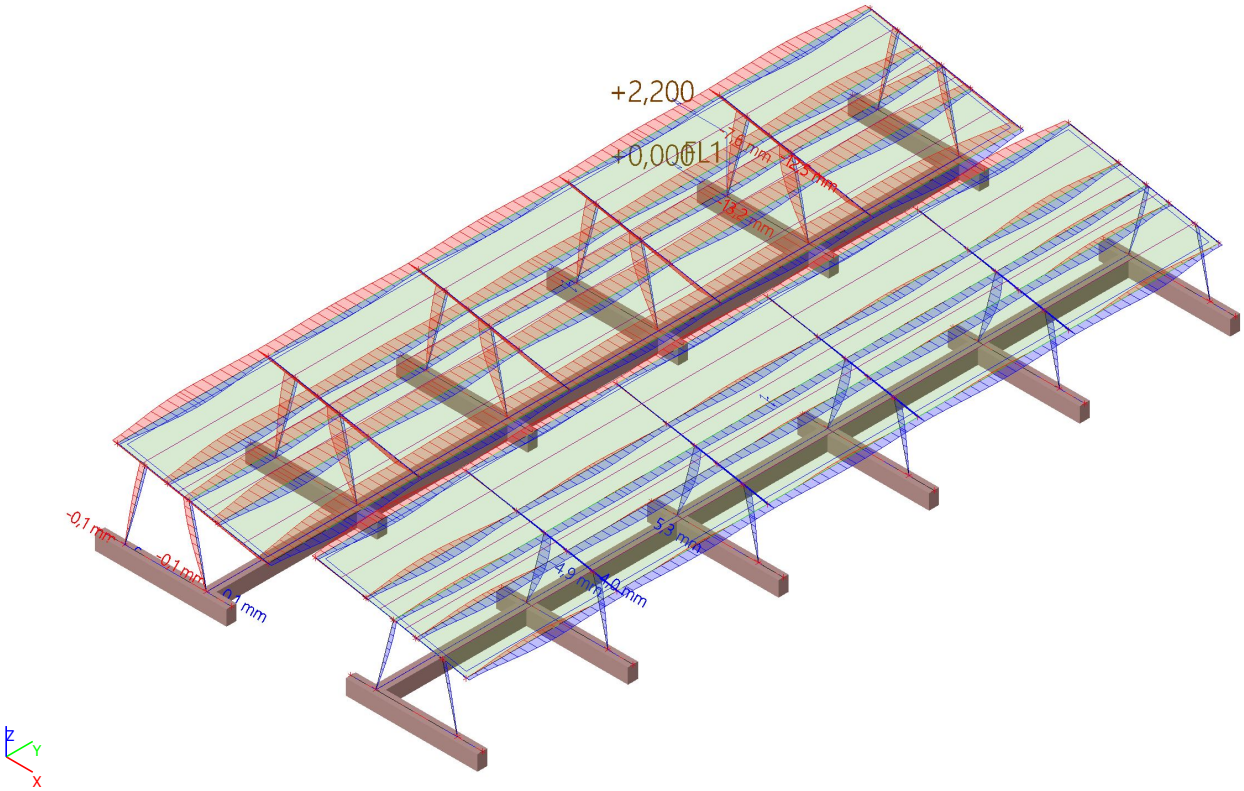
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Name	dx [m]	Case	Cross-section	u_x [mm]	u_y [mm]	u_z [mm]	φ_x [mrad]	φ_y [mrad]	φ_z [mrad]	U_{total} [mm]
B100	6,000	SLS-Char (auto)/1	Pasovni temelj 40/60 - Rectangle (600,00; 400,00)	0,0	0,0	**-2,0**	0,0	-0,1	0,0	**2,0**
B100	1,714-	SLS-Char (auto)/6	Pasovni temelj 40/60 - Rectangle (600,00; 400,00)	0,0	0,0	**-0,6**	0,0	0,1	0,0	0,6
B108	6,000	SLS-Char (auto)/2	Pasovni temelj 40/60 - Rectangle (600,00; 400,00)	0,0	0,0	-1,8	**-0,2**	-0,2	0,0	1,8
B100	0,000	SLS-Char (auto)/2	Pasovni temelj 40/60 - Rectangle (600,00; 400,00)	0,0	0,0	-1,8	**0,2**	**-0,2**	0,0	1,8
B100	6,000	SLS-Char (auto)/3	Pasovni temelj 40/60 - Rectangle (600,00; 400,00)	0,0	0,0	-0,6	0,0	**0,2**	0,0	0,6
B89	0,857-	SLS-Char (auto)/7	Pasovni temelj 40/60 - Rectangle (600,00; 400,00)	-0,1	0,0	-1,4	0,1	0,1	**0,0**	1,4
B97	5,143-	SLS-Char (auto)/7	Pasovni temelj 40/60 - Rectangle (600,00; 400,00)	-0,1	0,0	-1,4	-0,1	0,1	**0,0**	1,4

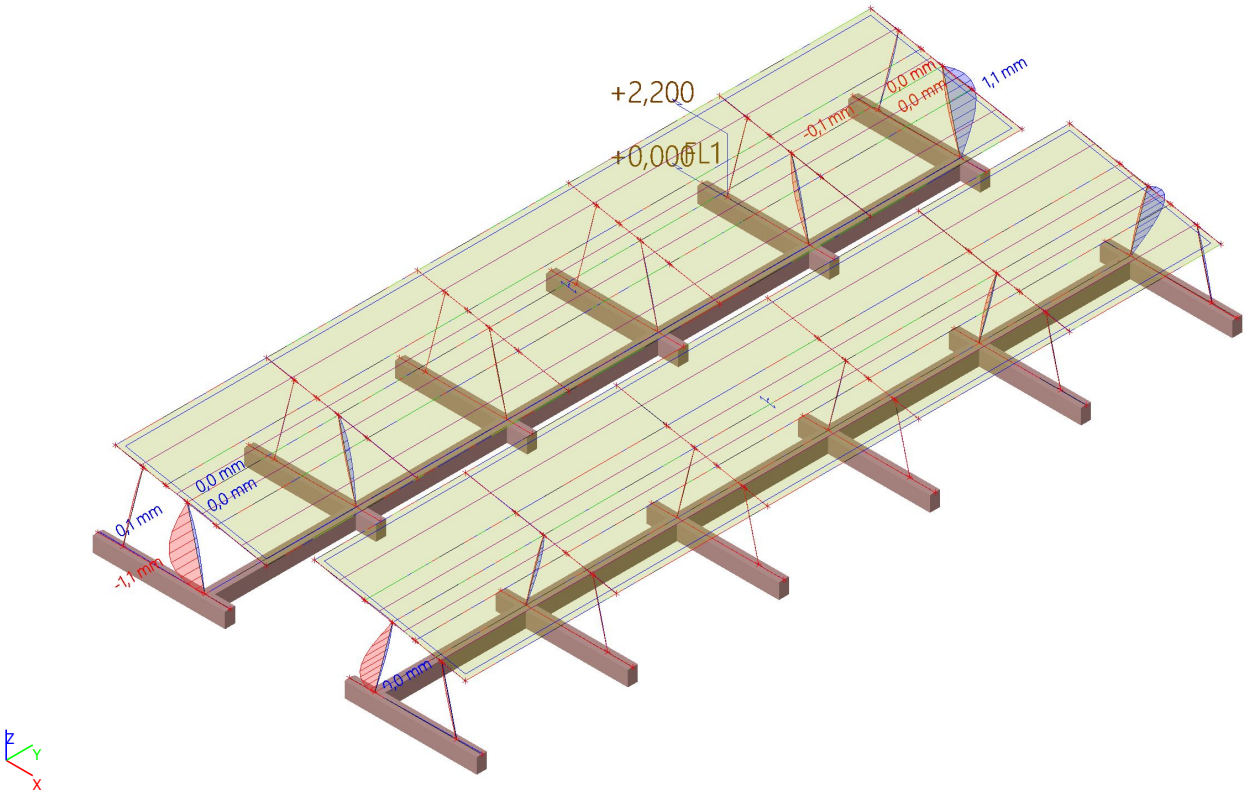
Name	Combination key
SLS-Char (auto)/1	G1 + G2 + 0.60*3DWind3 + S1
SLS-Char (auto)/2	G1 + G2 + 0.60*3DWind1 + S1
SLS-Char (auto)/3	G1 + G2 + 3DWind2
SLS-Char (auto)/4	G1 + G2 + 0.60*3DWind2 + S1
SLS-Char (auto)/5	G1 + G2 + 3DWind3 + 0.50*S1
SLS-Char (auto)/6	G1 + G2 + 3DWind4
SLS-Char (auto)/7	G1 + G2 + 3DWind1 + 0.50*S1
SLS-Char (auto)/8	G1 + G2 + 3DWind1

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3.6.3.1.4.1.1. Deformacije u_x

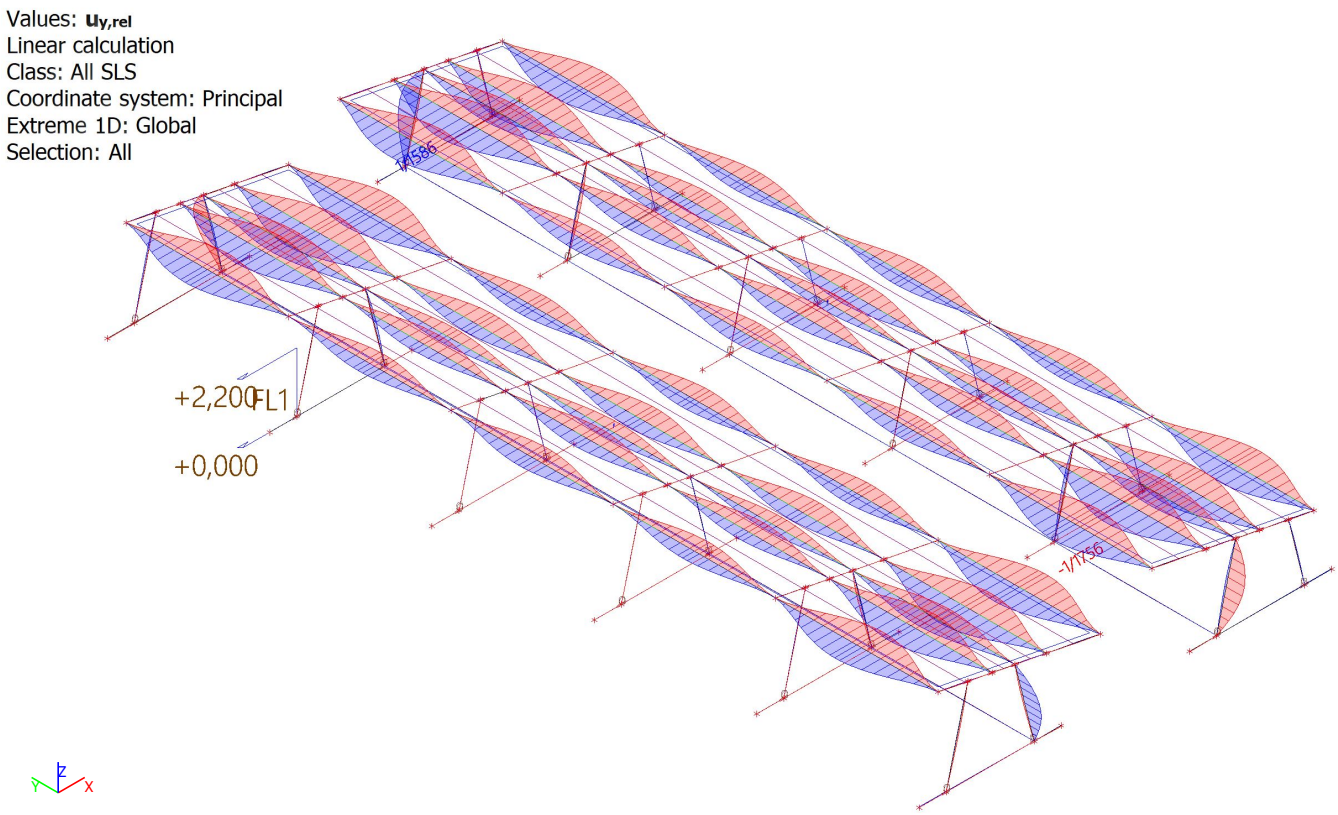


3.6.3.1.4.1.2. Deformacije u_y

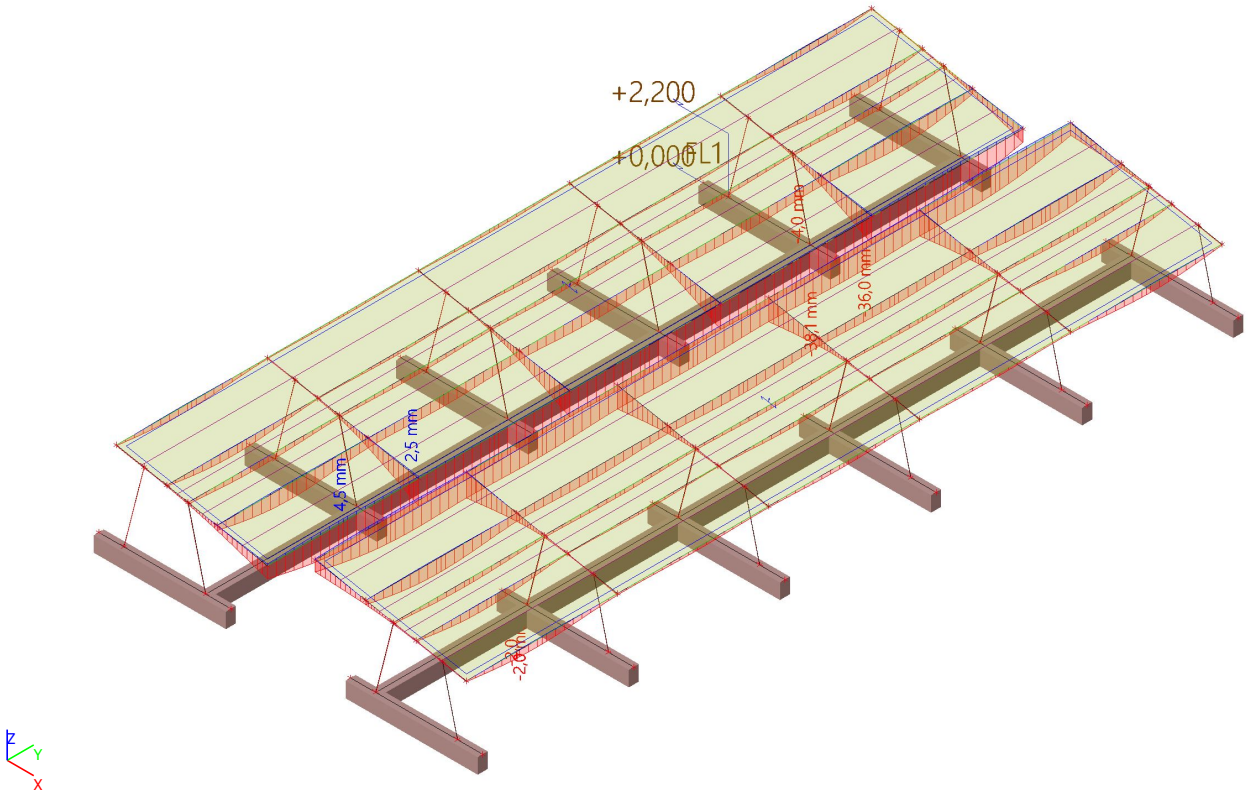


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3.6.3.1.4.1.3. Relativne deformacije u_y



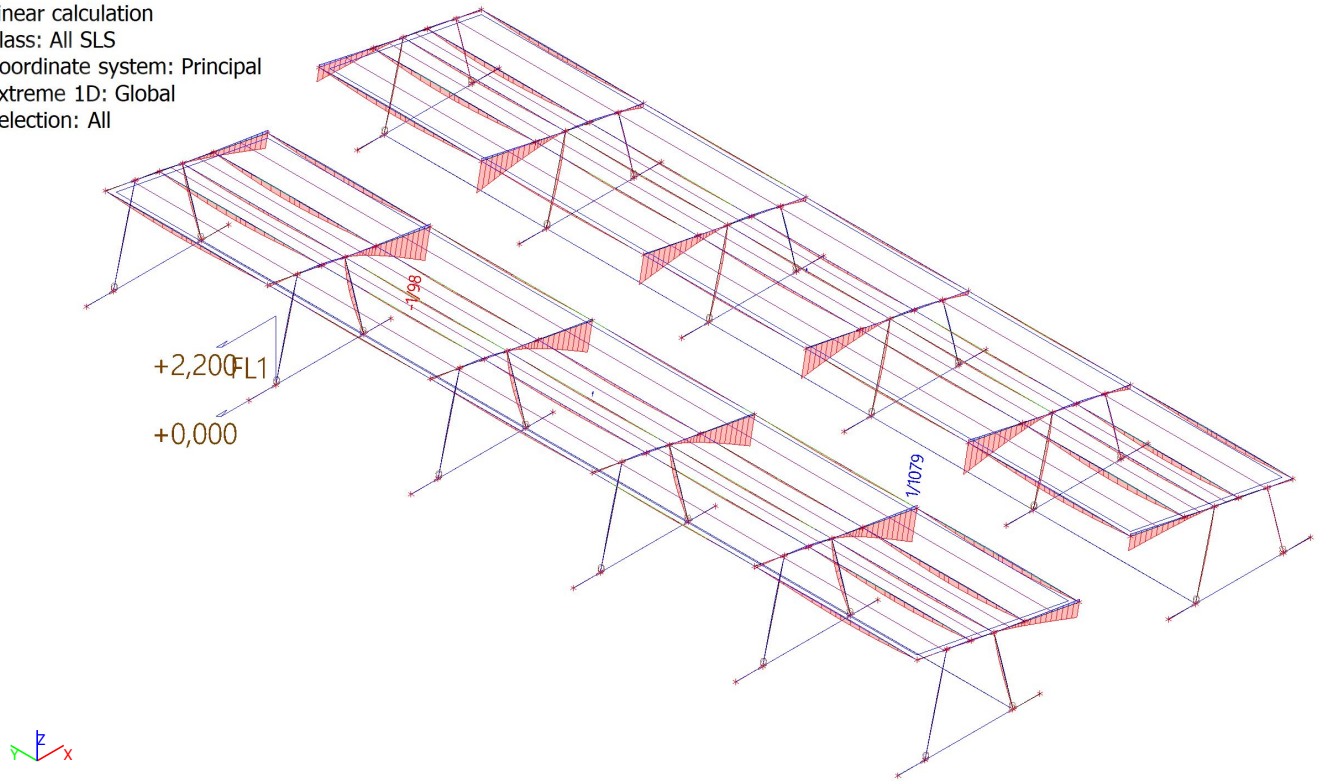
3.6.3.1.4.1.4. Deformacije u_z



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3.6.3.1.4.1.5. Relativne deformacije u_z

Values: $u_{z,rel}$
Linear calculation
Class: All SLS
Coordinate system: Principal
Extreme 1D: Global
Selection: All



3.6.3.1.4.1.6. Pomiki vozlišč

Linear calculation
Class: All SLS
Extreme: Node
Selection: All

Name	Case	U_x [mm]	U_y [mm]	U_z [mm]
N1	SLS-Char (auto)/1	**-0,1**	0,0	-1,8
N1	SLS-Char (auto)/2	0,0	**0,0**	**-1,9**
N1	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,7**
N2	SLS-Char (auto)/2	**-5,7**	0,0	-0,5
N2	SLS-Char (auto)/3	**1,3**	**0,0**	**-1,0**
N2	SLS-Char (auto)/4	-4,9	**0,0**	-0,6
N2	SLS-Char (auto)/5	-5,6	0,0	**-0,5**
N3	SLS-Char (auto)/6	**0,0**	0,0	-1,2
N3	SLS-Char (auto)/7	**0,1**	0,0	-1,1
N3	SLS-Char (auto)/2	0,0	**0,0**	**-1,9**
N3	SLS-Char (auto)/3	0,1	**0,0**	**-0,7**
N4	SLS-Char (auto)/2	**-6,3**	**0,0**	**-3,8**
N4	SLS-Char (auto)/3	**1,5**	**0,0**	**-0,4**
N6	SLS-Char (auto)/1	-10,4	**0,0**	-28,8
N6	SLS-Char (auto)/2	**-12,5**	0,0	**-36,0**
N6	SLS-Char (auto)/3	**2,0**	**0,0**	**2,5**
N7	SLS-Char (auto)/3	**1,3**	**0,0**	**-1,1**
N7	SLS-Char (auto)/1	-5,1	**0,0**	-1,3
N7	SLS-Char (auto)/2	**-5,8**	0,0	**-1,5**
N8	SLS-Char (auto)/2	**-5,3**	**0,0**	**-0,5**
N8	SLS-Char (auto)/3	**1,1**	**0,0**	**-1,0**
N9	SLS-Char (auto)/2	**-5,9**	**0,0**	**-3,6**
N9	SLS-Char (auto)/3	**1,2**	**0,0**	**-0,5**
N10	SLS-Char (auto)/2	**-11,6**	**0,0**	**-33,7**
N10	SLS-Char (auto)/3	**1,5**	**0,0**	**1,0**

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Name	Case	U_x [mm]	U_y [mm]	U_z [mm]
N11	SLS-Char (auto)/2	**-5,4**	0,0	-1,2
N11	SLS-Char (auto)/3	**1,1**	**0,0**	-1,2
N11	SLS-Char (auto)/8	-2,8	0,0	**-1,3**
N11	SLS-Char (auto)/9	-3,1	**0,0**	**-0,9**
N12	SLS-Char (auto)/1	**-0,1**	**0,0**	-1,6
N12	SLS-Char (auto)/2	0,0	0,0	**-1,7**
N12	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,8**
N13	SLS-Char (auto)/6	**0,0**	0,0	-1,2
N13	SLS-Char (auto)/7	**0,1**	0,0	-1,2
N13	SLS-Char (auto)/2	0,0	**0,0**	**-1,9**
N13	SLS-Char (auto)/3	0,1	**0,0**	**-0,8**
N14	SLS-Char (auto)/2	**-5,3**	**0,0**	**-0,5**
N14	SLS-Char (auto)/3	**1,1**	**0,0**	**-1,0**
N15	SLS-Char (auto)/2	**-5,9**	**0,0**	**-3,6**
N15	SLS-Char (auto)/3	**1,2**	**0,0**	**-0,5**
N16	SLS-Char (auto)/3	**1,5**	**0,0**	**1,0**
N16	SLS-Char (auto)/2	**-11,6**	**0,0**	**-33,7**
N17	SLS-Char (auto)/2	**-5,4**	0,0	-1,2
N17	SLS-Char (auto)/3	**1,1**	**0,0**	-1,2
N17	SLS-Char (auto)/8	-2,8	0,0	**-1,3**
N17	SLS-Char (auto)/9	-3,1	**0,0**	**-0,9**
N18	SLS-Char (auto)/1	**-0,1**	**0,0**	-1,6
N18	SLS-Char (auto)/2	0,0	0,0	**-1,7**
N18	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,8**
N19	SLS-Char (auto)/6	**0,0**	0,0	-1,2
N19	SLS-Char (auto)/7	**0,1**	0,0	-1,2
N19	SLS-Char (auto)/2	0,0	**0,0**	**-1,9**
N19	SLS-Char (auto)/3	0,1	**0,0**	**-0,8**
N20	SLS-Char (auto)/2	**-5,7**	0,0	-0,5
N20	SLS-Char (auto)/3	**1,3**	**0,0**	**-1,0**
N20	SLS-Char (auto)/4	-4,9	**0,0**	-0,6
N20	SLS-Char (auto)/5	-5,6	0,0	**-0,5**
N21	SLS-Char (auto)/2	**-6,3**	**0,0**	**-3,8**
N21	SLS-Char (auto)/3	**1,5**	**0,0**	**-0,4**
N22	SLS-Char (auto)/3	**2,0**	**0,0**	**2,5**
N22	SLS-Char (auto)/1	-10,4	**0,0**	-28,8
N22	SLS-Char (auto)/2	**-12,5**	0,0	**-36,0**
N23	SLS-Char (auto)/1	-5,1	**0,0**	-1,3
N23	SLS-Char (auto)/3	**1,3**	**0,0**	**-1,1**
N23	SLS-Char (auto)/2	**-5,8**	0,0	**-1,5**
N24	SLS-Char (auto)/1	**-0,1**	0,0	-1,8
N24	SLS-Char (auto)/2	0,0	**0,0**	**-1,9**
N24	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,7**
N25	SLS-Char (auto)/6	**0,0**	0,0	-1,2
N25	SLS-Char (auto)/7	**0,1**	0,0	-1,1
N25	SLS-Char (auto)/3	0,1	**0,0**	**-0,7**
N25	SLS-Char (auto)/2	0,0	**0,0**	**-1,9**
N26	SLS-Char (auto)/4	**-2,5**	0,0	**-0,7**
N26	SLS-Char (auto)/7	0,7	**0,0**	-1,0
N26	SLS-Char (auto)/6	-1,8	**0,0**	-0,8
N26	SLS-Char (auto)/10	**1,2**	0,0	**-1,0**
N27	SLS-Char (auto)/4	**-2,9**	0,0	-2,3
N27	SLS-Char (auto)/10	**1,3**	**0,0**	**-0,5**
N27	SLS-Char (auto)/5	-2,8	**0,0**	**-2,5**
N28	SLS-Char (auto)/1	-4,8	**0,0**	-14,2
N28	SLS-Char (auto)/5	**-5,6**	0,0	**-17,2**
N28	SLS-Char (auto)/10	**1,8**	**0,0**	**2,3**
N29	SLS-Char (auto)/4	**-2,6**	**0,0**	**-0,9**
N29	SLS-Char (auto)/10	**1,2**	**0,0**	**-1,1**
N30	SLS-Char (auto)/11	0,1	**0,0**	-0,8
N30	SLS-Char (auto)/9	-0,1	**0,0**	-1,3
N30	SLS-Char (auto)/4	**-0,1**	0,0	**-1,3**
N30	SLS-Char (auto)/10	**0,1**	0,0	**-0,8**
N31	SLS-Char (auto)/4	**-0,1**	0,0	-1,5
N31	SLS-Char (auto)/5	0,0	**-0,1**	**-1,7**
N31	SLS-Char (auto)/10	**0,1**	**0,0**	**-0,8**

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Name	Case	U_x [mm]	U_y [mm]	U_z [mm]
N32	SLS-Char (auto)/9	-0,1	**0,0**	-1,3
N32	SLS-Char (auto)/11	0,1	**0,0**	-0,8
N32	SLS-Char (auto)/4	**-0,1**	0,0	**-1,3**
N32	SLS-Char (auto)/10	**0,1**	0,0	**-0,8**
N33	SLS-Char (auto)/4	**-2,5**	0,0	**-0,7**
N33	SLS-Char (auto)/6	-1,8	**0,0**	-0,8
N33	SLS-Char (auto)/7	0,7	**0,0**	-1,0
N33	SLS-Char (auto)/10	**1,2**	0,0	**-1,0**
N34	SLS-Char (auto)/4	**-0,1**	0,0	-1,5
N34	SLS-Char (auto)/10	**0,1**	**0,0**	**-0,8**
N34	SLS-Char (auto)/5	0,0	**0,1**	**-1,7**
N35	SLS-Char (auto)/4	**-2,9**	0,0	-2,3
N35	SLS-Char (auto)/5	-2,8	**0,0**	**-2,5**
N35	SLS-Char (auto)/10	**1,3**	**0,0**	**-0,5**
N36	SLS-Char (auto)/1	-4,8	**0,0**	-14,2
N36	SLS-Char (auto)/5	**-5,6**	0,0	**-17,2**
N36	SLS-Char (auto)/10	**1,8**	**0,0**	**2,3**
N37	SLS-Char (auto)/4	**-2,6**	**0,0**	**-0,9**
N37	SLS-Char (auto)/10	**1,2**	**0,0**	**-1,1**
N38	SLS-Char (auto)/10	**1,4**	**0,0**	**0,3**
N38	SLS-Char (auto)/5	**-3,6**	**0,0**	**-6,6**
N39	SLS-Char (auto)/5	-7,9	**0,0**	-12,5
N39	SLS-Char (auto)/2	**-8,0**	0,0	**-12,6**
N39	SLS-Char (auto)/3	**1,6**	**0,0**	**0,4**
N40	SLS-Char (auto)/4	**-2,6**	**0,0**	-1,3
N40	SLS-Char (auto)/5	-2,5	0,0	**-1,3**
N40	SLS-Char (auto)/10	**1,2**	**0,0**	**-0,8**
N41	SLS-Char (auto)/2	**-5,8**	0,0	-1,4
N41	SLS-Char (auto)/3	**1,4**	**0,0**	-0,8
N41	SLS-Char (auto)/5	-5,8	0,0	**-1,4**
N41	SLS-Char (auto)/10	1,4	0,0	**-0,8**
N42	SLS-Char (auto)/2	**-7,5**	**0,0**	**-11,9**
N42	SLS-Char (auto)/3	**1,3**	**0,0**	**-0,1**
N43	SLS-Char (auto)/2	**-5,4**	0,0	-1,3
N43	SLS-Char (auto)/3	**1,2**	**0,0**	-0,8
N43	SLS-Char (auto)/5	-5,3	0,0	**-1,3**
N43	SLS-Char (auto)/10	1,1	0,0	**-0,8**
N44	SLS-Char (auto)/2	**-7,5**	**0,0**	**-11,9**
N44	SLS-Char (auto)/3	**1,3**	**0,0**	**-0,1**
N45	SLS-Char (auto)/3	**1,2**	**0,0**	-0,8
N45	SLS-Char (auto)/2	**-5,4**	**0,0**	-1,3
N45	SLS-Char (auto)/5	-5,3	0,0	**-1,3**
N45	SLS-Char (auto)/10	1,1	0,0	**-0,8**
N46	SLS-Char (auto)/5	-7,9	**0,0**	-12,5
N46	SLS-Char (auto)/2	**-8,0**	0,0	**-12,6**
N46	SLS-Char (auto)/3	**1,6**	**0,0**	**0,4**
N47	SLS-Char (auto)/2	**-5,8**	0,0	-1,4
N47	SLS-Char (auto)/3	**1,4**	**0,0**	-0,8
N47	SLS-Char (auto)/5	-5,8	0,0	**-1,4**
N47	SLS-Char (auto)/10	1,4	0,0	**-0,8**
N48	SLS-Char (auto)/5	**-3,6**	**0,0**	**-6,6**
N48	SLS-Char (auto)/10	**1,4**	**0,0**	**0,3**
N49	SLS-Char (auto)/4	**-2,6**	**0,0**	-1,3
N49	SLS-Char (auto)/10	**1,2**	**0,0**	**-0,8**
N49	SLS-Char (auto)/5	-2,5	0,0	**-1,3**
N50	SLS-Char (auto)/1	**-0,1**	0,0	-1,7
N50	SLS-Char (auto)/2	0,0	**0,0**	**-2,0**
N50	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,6**
N51	SLS-Char (auto)/6	**1,0**	0,0	-1,7
N51	SLS-Char (auto)/12	**3,7**	0,0	-2,6
N51	SLS-Char (auto)/2	3,4	**0,0**	**-3,1**
N51	SLS-Char (auto)/3	1,3	**0,0**	**-0,9**
N52	SLS-Char (auto)/6	**0,0**	0,0	-1,2
N52	SLS-Char (auto)/7	**0,1**	0,0	-1,4
N52	SLS-Char (auto)/2	0,0	**0,0**	**-1,8**
N52	SLS-Char (auto)/3	0,1	**0,0**	**-1,1**

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Name	Case	U_x [mm]	U_y [mm]	U_z [mm]
N53	SLS-Char (auto)/9	1,1	**0,0**	-0,9
N53	SLS-Char (auto)/11	2,7	**0,0**	-0,8
N53	SLS-Char (auto)/6	**1,1**	0,0	**-0,9**
N53	SLS-Char (auto)/12	**4,0**	0,0	**-0,8**
N54	SLS-Char (auto)/12	**3,9**	0,0	-1,5
N54	SLS-Char (auto)/6	**1,0**	**0,0**	-1,6
N54	SLS-Char (auto)/7	2,6	**0,0**	-1,0
N54	SLS-Char (auto)/2	3,6	0,0	**-2,1**
N54	SLS-Char (auto)/3	1,3	0,0	**-0,7**
N55	SLS-Char (auto)/1	**-2,4**	0,0	-26,2
N55	SLS-Char (auto)/7	1,2	**0,0**	-8,7
N55	SLS-Char (auto)/6	-1,8	**0,0**	-16,1
N55	SLS-Char (auto)/2	-2,3	0,0	**-33,2**
N55	SLS-Char (auto)/3	**1,7**	0,0	**1,4**
N56	SLS-Char (auto)/6	**0,8**	0,0	-1,6
N56	SLS-Char (auto)/12	**3,5**	0,0	-2,6
N56	SLS-Char (auto)/2	3,2	**0,0**	**-3,0**
N56	SLS-Char (auto)/3	1,4	**0,0**	**-1,0**
N57	SLS-Char (auto)/6	**1,0**	**0,0**	**-0,9**
N57	SLS-Char (auto)/12	**3,9**	**0,0**	**-0,7**
N58	SLS-Char (auto)/12	**3,7**	**0,0**	-1,4
N58	SLS-Char (auto)/6	**0,9**	**0,0**	-1,5
N58	SLS-Char (auto)/2	3,4	0,0	**-1,8**
N58	SLS-Char (auto)/3	1,4	0,0	**-0,8**
N59	SLS-Char (auto)/1	**-2,2**	**0,0**	-24,1
N59	SLS-Char (auto)/2	-2,2	0,0	**-31,0**
N59	SLS-Char (auto)/3	**1,5**	**0,0**	**-0,1**
N60	SLS-Char (auto)/1	**0,0**	0,0	-1,6
N60	SLS-Char (auto)/2	0,0	**0,0**	**-1,9**
N60	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,6**
N61	SLS-Char (auto)/6	**0,0**	0,0	-1,1
N61	SLS-Char (auto)/7	**0,1**	**0,0**	-1,4
N61	SLS-Char (auto)/8	0,0	**0,0**	**-1,6**
N61	SLS-Char (auto)/9	0,0	0,0	**-1,1**
N62	SLS-Char (auto)/6	**0,8**	0,0	-1,6
N62	SLS-Char (auto)/12	**3,5**	0,0	-2,6
N62	SLS-Char (auto)/2	3,2	**0,0**	**-3,0**
N62	SLS-Char (auto)/3	1,4	**0,0**	**-1,0**
N63	SLS-Char (auto)/6	**1,0**	**0,0**	**-0,9**
N63	SLS-Char (auto)/12	**3,9**	**0,0**	**-0,7**
N64	SLS-Char (auto)/6	**0,9**	**0,0**	-1,5
N64	SLS-Char (auto)/12	**3,7**	**0,0**	-1,4
N64	SLS-Char (auto)/2	3,4	0,0	**-1,8**
N64	SLS-Char (auto)/3	1,4	0,0	**-0,8**
N65	SLS-Char (auto)/1	**-2,2**	**0,0**	-24,1
N65	SLS-Char (auto)/2	-2,2	0,0	**-31,0**
N65	SLS-Char (auto)/3	**1,5**	**0,0**	**-0,1**
N66	SLS-Char (auto)/1	**0,0**	0,0	-1,6
N66	SLS-Char (auto)/2	0,0	**0,0**	**-1,9**
N66	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,6**
N67	SLS-Char (auto)/6	**0,0**	0,0	-1,1
N67	SLS-Char (auto)/7	**0,1**	**0,0**	-1,4
N67	SLS-Char (auto)/8	0,0	**0,0**	**-1,6**
N67	SLS-Char (auto)/9	0,0	0,0	**-1,1**
N68	SLS-Char (auto)/6	**1,0**	0,0	-1,7
N68	SLS-Char (auto)/12	**3,7**	0,0	-2,6
N68	SLS-Char (auto)/10	1,3	**0,0**	**-0,9**
N68	SLS-Char (auto)/2	3,4	**0,0**	**-3,1**
N69	SLS-Char (auto)/11	2,7	**0,0**	-0,8
N69	SLS-Char (auto)/9	1,1	**0,0**	-0,9
N69	SLS-Char (auto)/6	**1,1**	0,0	**-0,9**
N69	SLS-Char (auto)/12	**4,0**	0,0	**-0,8**
N70	SLS-Char (auto)/6	**1,0**	**0,0**	-1,6
N70	SLS-Char (auto)/12	**3,9**	0,0	-1,5
N70	SLS-Char (auto)/7	2,6	**0,0**	-1,0
N70	SLS-Char (auto)/2	3,6	0,0	**-2,1**

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Name	Case	U_x [mm]	U_y [mm]	U_z [mm]
N70	SLS-Char (auto)/3	1,3	0,0	**-0,7**
N71	SLS-Char (auto)/1	**-2,4**	0,0	-26,2
N71	SLS-Char (auto)/6	-1,8	**0,0**	-16,1
N71	SLS-Char (auto)/7	1,2	**0,0**	-8,7
N71	SLS-Char (auto)/2	-2,3	0,0	**-33,2**
N71	SLS-Char (auto)/3	**1,7**	0,0	**1,4**
N72	SLS-Char (auto)/1	**-0,1**	0,0	-1,7
N72	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,6**
N72	SLS-Char (auto)/2	0,0	**0,0**	**-2,0**
N73	SLS-Char (auto)/6	**0,0**	0,0	-1,2
N73	SLS-Char (auto)/7	**0,1**	0,0	-1,4
N73	SLS-Char (auto)/10	0,1	**0,0**	**-1,1**
N73	SLS-Char (auto)/2	0,0	**0,0**	**-1,8**
N74	SLS-Char (auto)/9	**0,1**	0,0	-1,5
N74	SLS-Char (auto)/8	**1,6**	0,0	-1,8
N74	SLS-Char (auto)/10	1,0	**0,0**	**-0,8**
N74	SLS-Char (auto)/5	1,0	**0,0**	**-2,2**
N75	SLS-Char (auto)/8	**1,8**	0,0	-0,8
N75	SLS-Char (auto)/1	0,7	**0,0**	-0,9
N75	SLS-Char (auto)/3	1,0	**0,0**	-0,8
N75	SLS-Char (auto)/9	**0,2**	0,0	**-1,0**
N75	SLS-Char (auto)/11	1,5	0,0	**-0,8**
N76	SLS-Char (auto)/9	**0,1**	**0,0**	-1,2
N76	SLS-Char (auto)/8	**1,7**	0,0	-1,0
N76	SLS-Char (auto)/11	1,5	**0,0**	-0,8
N76	SLS-Char (auto)/4	0,6	0,0	**-1,3**
N76	SLS-Char (auto)/10	1,0	0,0	**-0,8**
N77	SLS-Char (auto)/4	**-1,8**	0,0	-13,5
N77	SLS-Char (auto)/9	-1,4	**0,0**	-9,3
N77	SLS-Char (auto)/11	1,1	**0,0**	-2,7
N77	SLS-Char (auto)/5	-1,6	0,0	**-15,8**
N77	SLS-Char (auto)/10	**1,4**	0,0	**1,5**
N78	SLS-Char (auto)/9	**-0,1**	0,0	-1,4
N78	SLS-Char (auto)/11	**0,1**	0,0	-0,9
N78	SLS-Char (auto)/5	0,0	**-0,1**	**-1,8**
N78	SLS-Char (auto)/10	0,1	**0,0**	**-0,6**
N79	SLS-Char (auto)/9	**-0,1**	0,0	-1,0
N79	SLS-Char (auto)/11	**0,1**	0,0	-1,2
N79	SLS-Char (auto)/4	0,0	**0,0**	-1,1
N79	SLS-Char (auto)/10	0,1	**0,0**	-1,1
N79	SLS-Char (auto)/12	0,1	0,0	**-1,2**
N79	SLS-Char (auto)/6	0,0	0,0	**-1,0**
N80	SLS-Char (auto)/9	**-0,1**	0,0	-1,4
N80	SLS-Char (auto)/11	**0,1**	0,0	-0,9
N80	SLS-Char (auto)/10	0,1	**0,0**	**-0,6**
N80	SLS-Char (auto)/5	0,0	**0,1**	**-1,8**
N81	SLS-Char (auto)/9	**0,1**	0,0	-1,5
N81	SLS-Char (auto)/8	**1,6**	0,0	-1,8
N81	SLS-Char (auto)/5	1,0	**0,0**	**-2,2**
N81	SLS-Char (auto)/10	1,0	**0,0**	**-0,8**
N82	SLS-Char (auto)/9	**-0,1**	0,0	-1,0
N82	SLS-Char (auto)/11	**0,1**	0,0	-1,2
N82	SLS-Char (auto)/10	0,1	**0,0**	-1,1
N82	SLS-Char (auto)/4	0,0	**0,0**	-1,1
N82	SLS-Char (auto)/12	0,1	0,0	**-1,2**
N82	SLS-Char (auto)/6	0,0	0,0	**-1,0**
N83	SLS-Char (auto)/8	**1,8**	0,0	-0,8
N83	SLS-Char (auto)/3	1,0	**0,0**	-0,8
N83	SLS-Char (auto)/1	0,7	**0,0**	-0,9
N83	SLS-Char (auto)/9	**0,2**	0,0	**-1,0**
N83	SLS-Char (auto)/11	1,5	0,0	**-0,8**
N84	SLS-Char (auto)/8	**1,7**	0,0	-1,0
N84	SLS-Char (auto)/9	**0,1**	**0,0**	-1,2
N84	SLS-Char (auto)/11	1,5	**0,0**	-0,8
N84	SLS-Char (auto)/4	0,6	0,0	**-1,3**
N84	SLS-Char (auto)/10	1,0	0,0	**-0,8**

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Name	Case	U_x [mm]	U_y [mm]	U_z [mm]
N85	SLS-Char (auto)/4	**-1,8**	0,0	-13,5
N85	SLS-Char (auto)/11	1,1	**0,0**	-2,7
N85	SLS-Char (auto)/9	-1,4	**0,0**	-9,3
N85	SLS-Char (auto)/5	-1,6	0,0	**-15,8**
N85	SLS-Char (auto)/10	**1,4**	0,0	**1,5**
N86	SLS-Char (auto)/9	**0,2**	**0,0**	-1,0
N86	SLS-Char (auto)/8	**1,7**	**0,0**	-1,1
N86	SLS-Char (auto)/5	1,2	0,0	**-1,2**
N86	SLS-Char (auto)/10	1,0	0,0	**-0,9**
N87	SLS-Char (auto)/6	**1,1**	0,0	**-0,8**
N87	SLS-Char (auto)/10	1,3	**0,0**	-0,9
N87	SLS-Char (auto)/4	2,5	**0,0**	-1,0
N87	SLS-Char (auto)/12	**3,9**	0,0	**-1,1**
N88	SLS-Char (auto)/9	**-0,3**	0,0	-3,6
N88	SLS-Char (auto)/11	**1,3**	0,0	-1,7
N88	SLS-Char (auto)/5	0,3	**0,0**	**-5,8**
N88	SLS-Char (auto)/10	1,1	**0,0**	**-0,2**
N89	SLS-Char (auto)/6	**0,2**	0,0	-5,4
N89	SLS-Char (auto)/12	**2,6**	0,0	-8,0
N89	SLS-Char (auto)/3	1,4	**0,0**	**-0,3**
N89	SLS-Char (auto)/2	1,9	**0,0**	**-11,1**
N90	SLS-Char (auto)/6	**1,0**	**0,0**	**-0,8**
N90	SLS-Char (auto)/12	**3,8**	0,0	**-1,1**
N91	SLS-Char (auto)/6	**0,2**	0,0	-4,9
N91	SLS-Char (auto)/12	**2,5**	0,0	-7,9
N91	SLS-Char (auto)/3	1,4	**0,0**	**-0,8**
N91	SLS-Char (auto)/2	1,8	**0,0**	**-10,4**
N92	SLS-Char (auto)/6	**1,0**	**0,0**	**-0,8**
N92	SLS-Char (auto)/12	**3,8**	0,0	**-1,1**
N93	SLS-Char (auto)/6	**0,2**	0,0	-4,9
N93	SLS-Char (auto)/12	**2,5**	0,0	-7,9
N93	SLS-Char (auto)/2	1,8	**0,0**	**-10,4**
N93	SLS-Char (auto)/3	1,4	**0,0**	**-0,8**
N94	SLS-Char (auto)/6	**1,1**	0,0	**-0,8**
N94	SLS-Char (auto)/4	2,5	**0,0**	-1,0
N94	SLS-Char (auto)/10	1,3	**0,0**	-0,9
N94	SLS-Char (auto)/12	**3,9**	0,0	**-1,1**
N95	SLS-Char (auto)/6	**0,2**	0,0	-5,4
N95	SLS-Char (auto)/12	**2,6**	0,0	-8,0
N95	SLS-Char (auto)/2	1,9	**0,0**	**-11,1**
N95	SLS-Char (auto)/3	1,4	**0,0**	**-0,3**
N96	SLS-Char (auto)/8	**1,7**	**0,0**	-1,1
N96	SLS-Char (auto)/9	**0,2**	**0,0**	-1,0
N96	SLS-Char (auto)/5	1,2	0,0	**-1,2**
N96	SLS-Char (auto)/10	1,0	0,0	**-0,9**
N97	SLS-Char (auto)/9	**-0,3**	0,0	-3,6
N97	SLS-Char (auto)/11	**1,3**	0,0	-1,7
N97	SLS-Char (auto)/5	0,3	**0,0**	**-5,8**
N97	SLS-Char (auto)/10	1,1	**0,0**	**-0,2**
N98	SLS-Char (auto)/10	**0,1**	**0,0**	**-0,8**
N98	SLS-Char (auto)/4	**-0,1**	**0,0**	**-1,3**
N99	SLS-Char (auto)/4	**-0,1**	-0,1	-1,6
N99	SLS-Char (auto)/5	0,0	**-0,1**	**-1,9**
N99	SLS-Char (auto)/10	**0,1**	**0,0**	**-0,8**
N100	SLS-Char (auto)/1	**-0,1**	**0,0**	-1,8
N100	SLS-Char (auto)/2	0,0	0,0	**-1,9**
N100	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,7**
N101	SLS-Char (auto)/6	**0,0**	0,0	-1,1
N101	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,7**
N101	SLS-Char (auto)/2	0,0	**0,0**	**-2,0**
N102	SLS-Char (auto)/1	**-0,1**	0,0	-1,7
N102	SLS-Char (auto)/2	0,0	0,0	**-1,7**
N102	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,8**
N103	SLS-Char (auto)/6	**0,0**	0,0	-1,1
N103	SLS-Char (auto)/2	0,0	**0,0**	**-1,9**
N103	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,8**

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Name	Case	U_x [mm]	U_y [mm]	U_z [mm]
N104	SLS-Char (auto)/1	**-0,1**	**0,0**	-1,7
N104	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,8**
N104	SLS-Char (auto)/2	0,0	0,0	**-1,7**
N105	SLS-Char (auto)/6	**0,0**	0,0	-1,1
N105	SLS-Char (auto)/2	0,0	**0,0**	**-1,9**
N105	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,8**
N106	SLS-Char (auto)/1	**-0,1**	**0,0**	-1,8
N106	SLS-Char (auto)/2	0,0	0,0	**-1,9**
N106	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,7**
N107	SLS-Char (auto)/6	**0,0**	0,0	-1,1
N107	SLS-Char (auto)/2	0,0	**0,0**	**-2,0**
N107	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,7**
N108	SLS-Char (auto)/4	**-0,1**	**0,0**	**-1,3**
N108	SLS-Char (auto)/10	**0,1**	**0,0**	**-0,8**
N109	SLS-Char (auto)/4	**-0,1**	0,1	-1,6
N109	SLS-Char (auto)/10	**0,1**	**0,0**	**-0,8**
N109	SLS-Char (auto)/5	0,0	**0,1**	**-1,9**
N110	SLS-Char (auto)/9	**-0,1**	0,0	-1,5
N110	SLS-Char (auto)/11	**0,1**	0,0	-0,8
N110	SLS-Char (auto)/5	0,0	**-0,1**	**-2,0**
N110	SLS-Char (auto)/10	0,1	**0,0**	**-0,5**
N111	SLS-Char (auto)/9	**-0,1**	**0,0**	**-0,9**
N111	SLS-Char (auto)/11	**0,1**	**0,0**	**-1,2**
N112	SLS-Char (auto)/1	**-0,1**	0,0	-1,8
N112	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,4**
N112	SLS-Char (auto)/2	0,0	**0,0**	**-2,0**
N113	SLS-Char (auto)/6	**0,0**	**0,0**	**-1,2**
N113	SLS-Char (auto)/7	**0,1**	**0,0**	-1,5
N113	SLS-Char (auto)/12	0,0	0,0	**-1,8**
N114	SLS-Char (auto)/1	**0,0**	0,0	-1,7
N114	SLS-Char (auto)/2	0,0	**0,0**	**-2,0**
N114	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,5**
N115	SLS-Char (auto)/6	**0,0**	0,0	**-1,1**
N115	SLS-Char (auto)/7	**0,1**	**0,0**	-1,5
N115	SLS-Char (auto)/12	0,0	0,0	**-1,7**
N116	SLS-Char (auto)/1	**0,0**	0,0	-1,7
N116	SLS-Char (auto)/2	0,0	**0,0**	**-2,0**
N116	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,5**
N117	SLS-Char (auto)/6	**0,0**	0,0	**-1,1**
N117	SLS-Char (auto)/7	**0,1**	**0,0**	-1,5
N117	SLS-Char (auto)/12	0,0	0,0	**-1,7**
N118	SLS-Char (auto)/1	**-0,1**	0,0	-1,8
N118	SLS-Char (auto)/2	0,0	**0,0**	**-2,0**
N118	SLS-Char (auto)/3	**0,1**	**0,0**	**-0,4**
N119	SLS-Char (auto)/6	**0,0**	**0,0**	**-1,2**
N119	SLS-Char (auto)/7	**0,1**	**0,0**	-1,5
N119	SLS-Char (auto)/12	0,0	0,0	**-1,8**
N120	SLS-Char (auto)/9	**-0,1**	0,0	-1,5
N120	SLS-Char (auto)/11	**0,1**	0,0	-0,8
N120	SLS-Char (auto)/10	0,1	**0,0**	**-0,5**
N120	SLS-Char (auto)/5	0,0	**0,1**	**-2,0**
N121	SLS-Char (auto)/9	**-0,1**	**0,0**	**-0,9**
N121	SLS-Char (auto)/11	**0,1**	**0,0**	**-1,2**

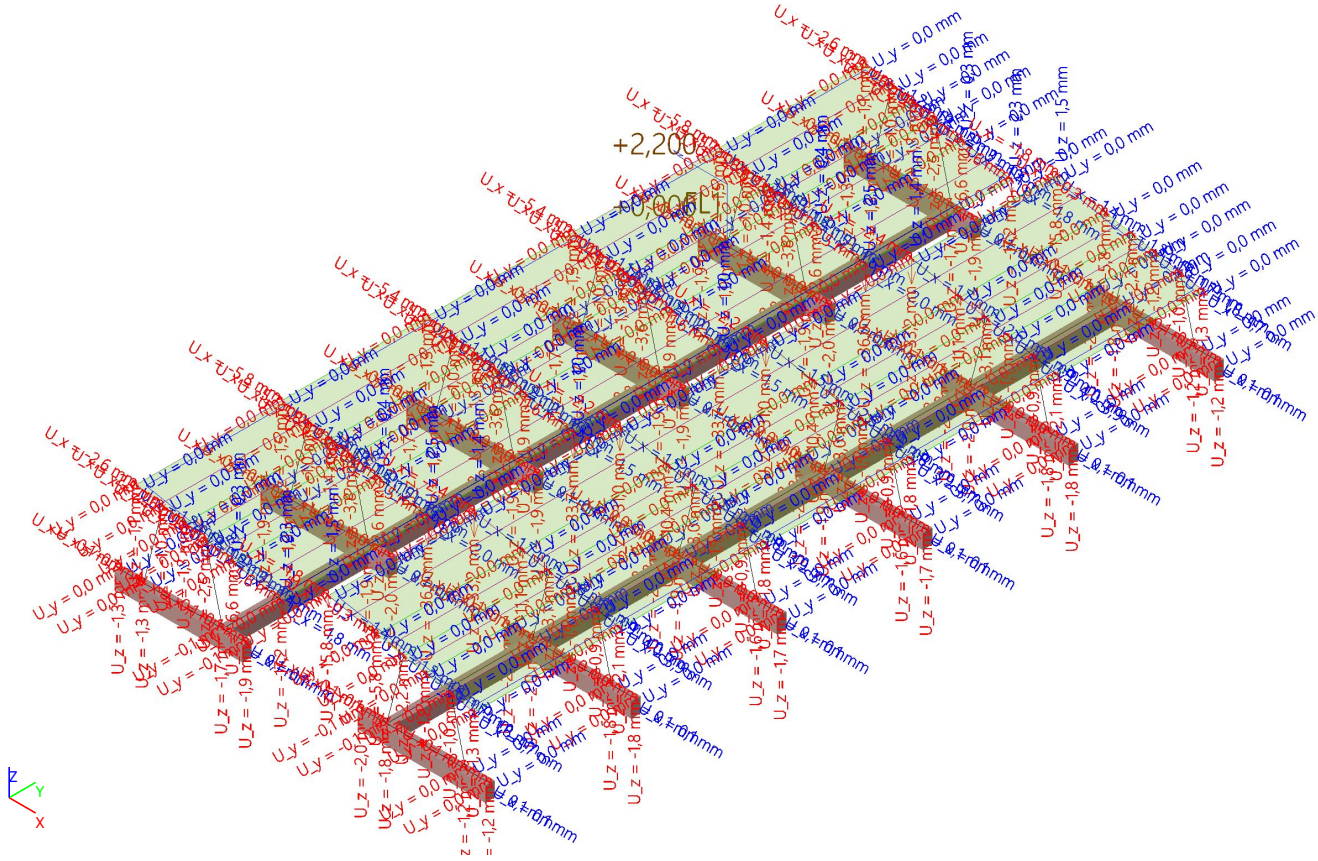
Name	Combination key
SLS-Char (auto)/1	G1 + G2 + 3DWind3 + 0.50*S1
SLS-Char (auto)/2	G1 + G2 + 0.60*3DWind3 + S1
SLS-Char (auto)/3	G1 + G2 + 3DWind2
SLS-Char (auto)/4	G1 + G2 + 3DWind1 + 0.50*S1
SLS-Char (auto)/5	G1 + G2 + 0.60*3DWind1 + S1
SLS-Char (auto)/6	G1 + G2 + 3DWind3
SLS-Char (auto)/7	G1 + G2 + 3DWind2 + 0.50*S1
SLS-Char (auto)/8	G1 + G2 + 0.60*3DWind4 + S1
SLS-Char (auto)/9	G1 + G2 + 3DWind1
SLS-Char (auto)/10	G1 + G2 + 3DWind4
SLS-Char (auto)/11	G1 + G2 + 3DWind4 + 0.50*S1

probit d.o.o.
Projektiranje gradbenih objektov

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Name	Combination key
SLS-Char (auto)/12	G1 + G2 + 0.60*3DWind2 + S1

3.6.3.1.4.1.7. U_x; U_y; U_z



3.6.3.1.4.1.8. Omejitve relativnih deformacij za posamezne elemente

Linear calculation
Class: All SLS
Coordinate system: Principal
Extreme 1D: Member
Selection: All
Limit setting

Name	dx [m]	$L_{def,y}$ [m] $L_{def,z}$ [m]	Total load y [1/xx] Total load z [1/xx]	Variable load y [1/xx] Variable load z [1/xx]	Lim. $u_{y,max}$ [mm] Lim. $u_{z,max}$ [mm]	Lim. $u_{y,max,rel}$ [1/xx] Lim. $u_{z,max,rel}$ [1/xx]	Lim. $u_{y,var}$ [mm] Lim. $u_{z,var}$ [mm]	Lim. $u_{y,var,rel}$ [1/xx] Lim. $u_{z,var,rel}$ [1/xx]
B1	0,000	**3,241** 3,241	1/200 1/200	1/250 1/250	16,2 16,2	1/200 1/200	13,0 13,0	1/250 1/250
B2	0,000	**2,891** 2,891	1/200 1/200	1/250 1/250	14,5 14,5	1/200 1/200	11,6 11,6	1/250 1/250
B3	4,073+	**2,036** 3,207	1/200 1/200	1/250 1/250	10,2 32,1	1/200 1/100	8,1 25,7	1/250 1/125
B4	0,000	**3,241** 3,241	1/200 1/200	1/250 1/250	16,2 16,2	1/200 1/200	13,0 13,0	1/250 1/250
B5	0,000	**2,891** 2,891	1/200 1/200	1/250 1/250	14,5 14,5	1/200 1/200	11,6 11,6	1/250 1/250
B6	4,073+	**2,036** 3,207	1/200 1/200	1/250 1/250	10,2 32,1	1/200 1/100	8,1 25,7	1/250 1/125
B7	0,000	**3,241** 3,241	1/200 1/200	1/250 1/250	16,2 16,2	1/200 1/200	13,0 13,0	1/250 1/250
B8	0,000	**2,891** 2,891	1/200 1/200	1/250 1/250	14,5 14,5	1/200 1/200	11,6 11,6	1/250 1/250
B9	4,073+	**2,036** 3,207	1/200 1/200	1/250 1/250	10,2 32,1	1/200 1/100	8,1 25,7	1/250 1/125

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e-mail: probit1@siol.net

Name	dx [m]	$L_{def,y}$ [m] $L_{def,z}$ [m]	Total load y [1/xx] Total load z [1/xx]	Variable load y [1/xx] Variable load z [1/xx]	Lim. $u_{y,max}$ [mm] Lim. $u_{z,max}$ [mm]	Lim. $u_{y,max,rel}$ [1/xx] Lim. $u_{z,max,rel}$ [1/xx]	Lim. $u_{y,var}$ [mm] Lim. $u_{z,var}$ [mm]	Lim. $u_{y,var,rel}$ [1/xx] Lim. $u_{z,var,rel}$ [1/xx]
B10	0,000	**3,241** 3,241	1/200 1/200	1/250 1/250	16,2 16,2	1/200 1/200	13,0 13,0	1/250 1/250
B11	0,000	**2,891** 2,891	1/200 1/200	1/250 1/250	14,5 14,5	1/200 1/200	11,6 11,6	1/250 1/250
B12	4,073+	**2,036** 3,207	1/200 1/200	1/250 1/250	10,2 32,1	1/200 1/100	8,1 25,7	1/250 1/125
B13	0,000	**3,241** 3,241	1/200 1/200	1/250 1/250	16,2 16,2	1/200 1/200	13,0 13,0	1/250 1/250
B14	0,000	**2,891** 2,891	1/200 1/200	1/250 1/250	14,5 14,5	1/200 1/200	11,6 11,6	1/250 1/250
B15	4,073+	**2,036** 3,207	1/200 1/200	1/250 1/250	10,2 32,1	1/200 1/100	8,1 25,7	1/250 1/125
B16	0,000	**3,241** 3,241	1/200 1/200	1/250 1/250	16,2 16,2	1/200 1/200	13,0 13,0	1/250 1/250
B17	0,000	**2,891** 2,891	1/200 1/200	1/250 1/250	14,5 14,5	1/200 1/200	11,6 11,6	1/250 1/250
B18	4,073+	**2,036** 3,207	1/200 1/200	1/250 1/250	10,2 32,1	1/200 1/100	8,1 25,7	1/250 1/125
B19	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B21	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B22	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B23	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B24	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B25	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B26	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B27	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B28	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B29	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B30	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B31	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B32	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B33	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B34	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B35	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B36	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B37	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B38	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B39	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B40	0,000	**2,844** 2,844	1/200 1/200	1/250 1/250	14,2 14,2	1/200 1/200	11,4 11,4	1/250 1/250
B41	0,000	**2,454** 2,454	1/200 1/200	1/250 1/250	12,3 12,3	1/200 1/200	9,8 9,8	1/250 1/250
B42	0,000	**2,036** 3,159	1/200 1/200	1/250 1/250	10,2 31,6	1/200 1/100	8,1 25,3	1/250 1/125

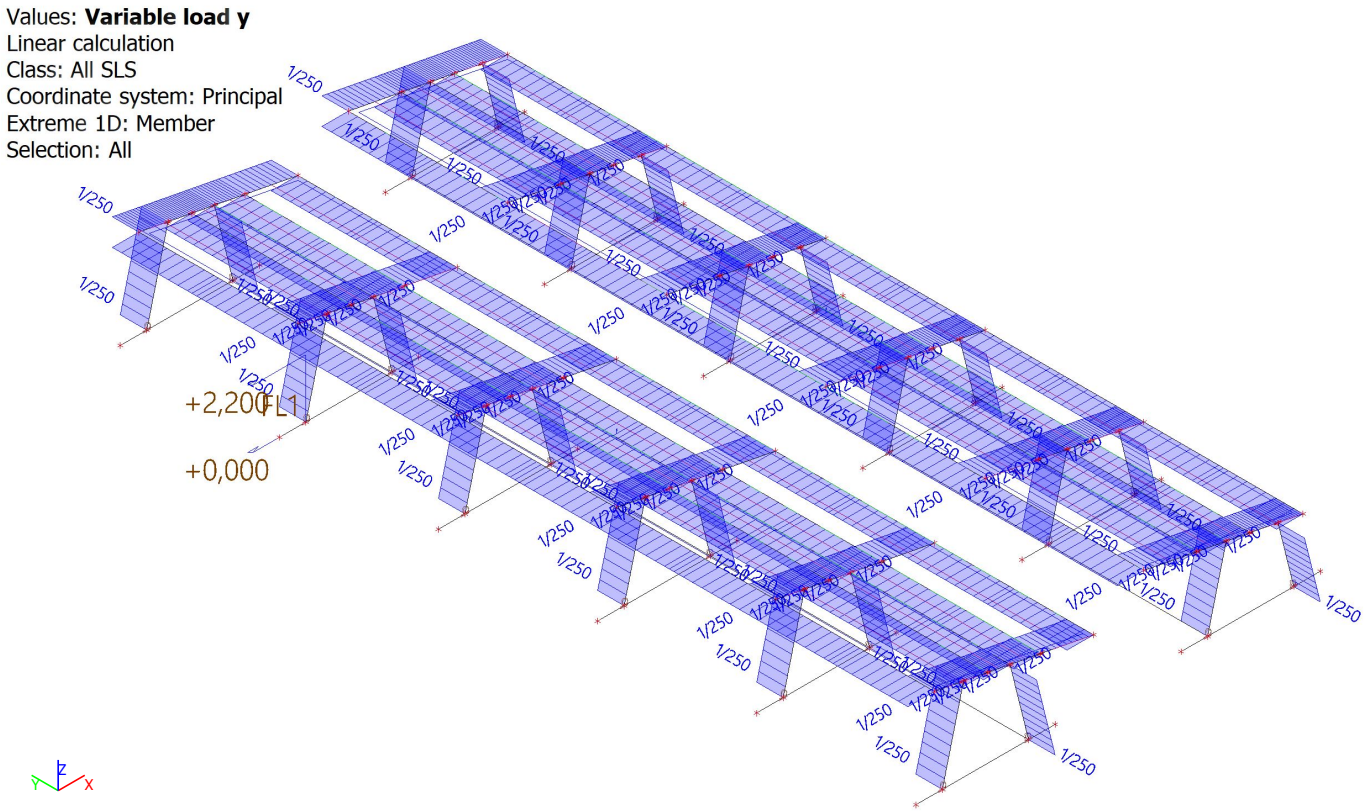
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e-mail: probit1@siol.net

Name	dx [m]	$L_{def,y}$ [m] $L_{def,z}$ [m]	Total load y [1/xx] Total load z [1/xx]	Variable load y [1/xx] Variable load z [1/xx]	Lim. $u_{y,max}$ [mm] Lim. $u_{z,max}$ [mm]	Lim. $u_{y,max,rel}$ [1/xx] Lim. $u_{z,max,rel}$ [1/xx]	Lim. $u_{y,var}$ [mm] Lim. $u_{z,var}$ [mm]	Lim. $u_{y,var,rel}$ [1/xx] Lim. $u_{z,var,rel}$ [1/xx]
B43	0,000	**2,844** 2,844	1/200 1/200	1/250 1/250	14,2 14,2	1/200 1/200	11,4 11,4	1/250 1/250
B44	0,000	**2,454** 2,454	1/200 1/200	1/250 1/250	12,3 12,3	1/200 1/200	9,8 9,8	1/250 1/250
B45	0,000	**2,036** 3,159	1/200 1/200	1/250 1/250	10,2 31,6	1/200 1/100	8,1 25,3	1/250 1/125
B46	0,000	**2,844** 2,844	1/200 1/200	1/250 1/250	14,2 14,2	1/200 1/200	11,4 11,4	1/250 1/250
B47	0,000	**2,454** 2,454	1/200 1/200	1/250 1/250	12,3 12,3	1/200 1/200	9,8 9,8	1/250 1/250
B48	0,000	**2,036** 3,159	1/200 1/200	1/250 1/250	10,2 31,6	1/200 1/100	8,1 25,3	1/250 1/125
B49	0,000	**2,844** 2,844	1/200 1/200	1/250 1/250	14,2 14,2	1/200 1/200	11,4 11,4	1/250 1/250
B50	0,000	**2,454** 2,454	1/200 1/200	1/250 1/250	12,3 12,3	1/200 1/200	9,8 9,8	1/250 1/250
B51	0,000	**2,036** 3,159	1/200 1/200	1/250 1/250	10,2 31,6	1/200 1/100	8,1 25,3	1/250 1/125
B52	0,000	**2,844** 2,844	1/200 1/200	1/250 1/250	14,2 14,2	1/200 1/200	11,4 11,4	1/250 1/250
B53	0,000	**2,454** 2,454	1/200 1/200	1/250 1/250	12,3 12,3	1/200 1/200	9,8 9,8	1/250 1/250
B54	0,000	**2,036** 3,159	1/200 1/200	1/250 1/250	10,2 31,6	1/200 1/100	8,1 25,3	1/250 1/125
B55	0,000	**2,844** 2,844	1/200 1/200	1/250 1/250	14,2 14,2	1/200 1/200	11,4 11,4	1/250 1/250
B56	0,000	**2,454** 2,454	1/200 1/200	1/250 1/250	12,3 12,3	1/200 1/200	9,8 9,8	1/250 1/250
B57	0,000	**2,036** 3,159	1/200 1/200	1/250 1/250	10,2 31,6	1/200 1/100	8,1 25,3	1/250 1/125
B58	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B59	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B60	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B61	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B62	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B63	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B64	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B65	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B66	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B67	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B68	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B69	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B70	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B71	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B72	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B73	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B74	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250

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Name	dx [m]	$L_{def,y}$ [m] $L_{def,z}$ [m]	Total load y [1/xx] Total load z [1/xx]	Variable load y [1/xx] Variable load z [1/xx]	Lim. $u_{y,max}$ [mm] Lim. $u_{z,max}$ [mm]	Lim. $u_{y,max,rel}$ [1/xx] Lim. $u_{z,max,rel}$ [1/xx]	Lim. $u_{y,var}$ [mm] Lim. $u_{z,var}$ [mm]	Lim. $u_{y,var,rel}$ [1/xx] Lim. $u_{z,var,rel}$ [1/xx]
B75	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B76	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B77	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B78	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B79	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B80	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B81	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B82	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B83	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B84	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B85	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B86	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250
B87	0,000	**6,000** 6,000	1/200 1/200	1/250 1/250	30,0 30,0	1/200 1/200	24,0 24,0	1/250 1/250

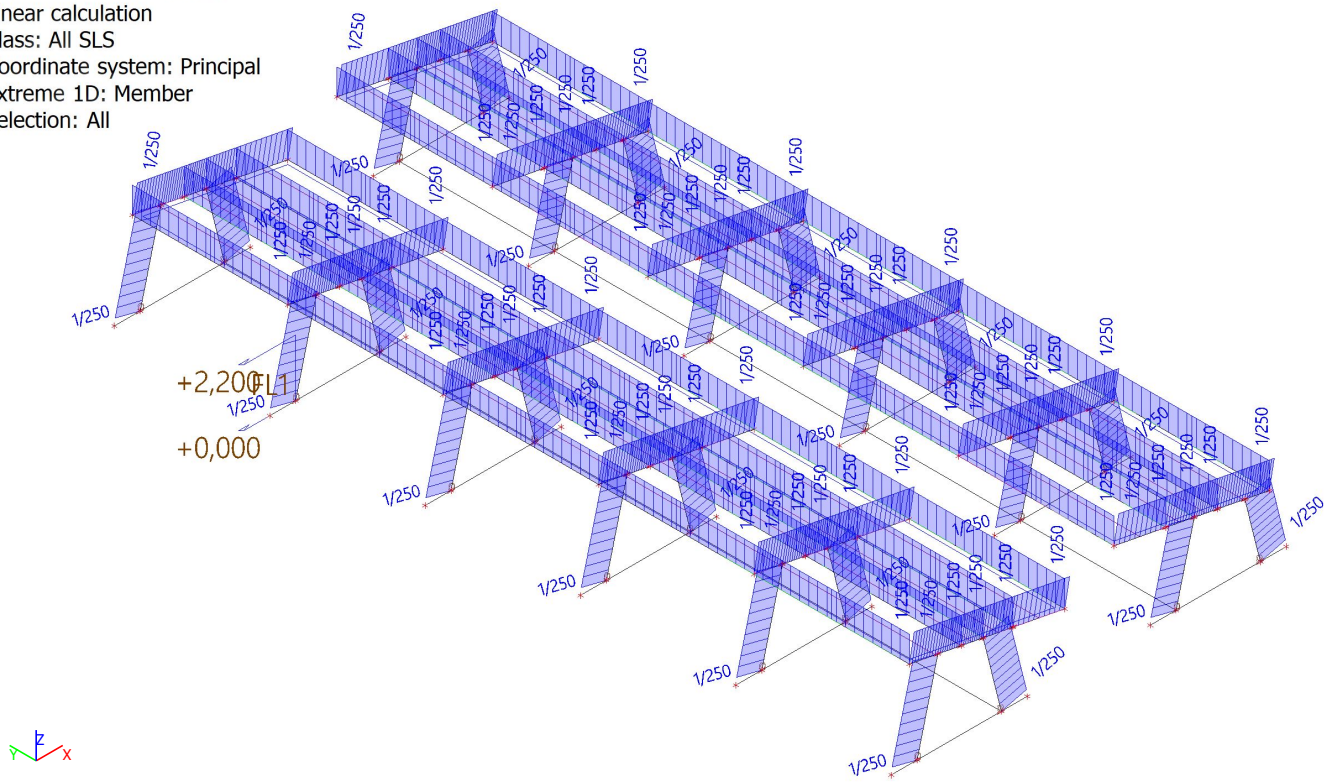
3.6.3.1.4.1.9. Omejitev deformacij za variable load y



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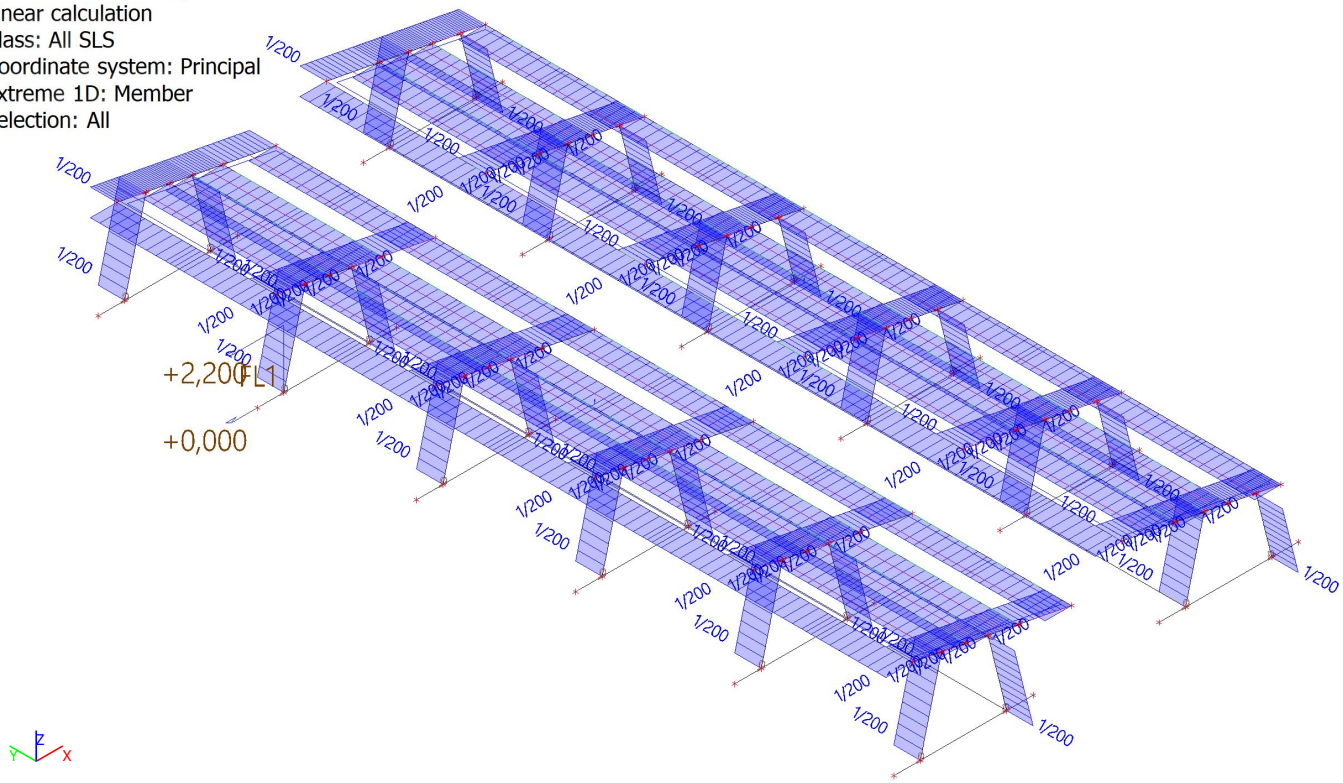
3.6.3.1.4.1.10. Omejitev deformacij za variable load z

Values: **Variable load z**
Linear calculation
Class: All SLS
Coordinate system: Principal
Extreme 1D: Member
Selection: All



3.6.3.1.4.1.11. Omejitev deformacij za total load y

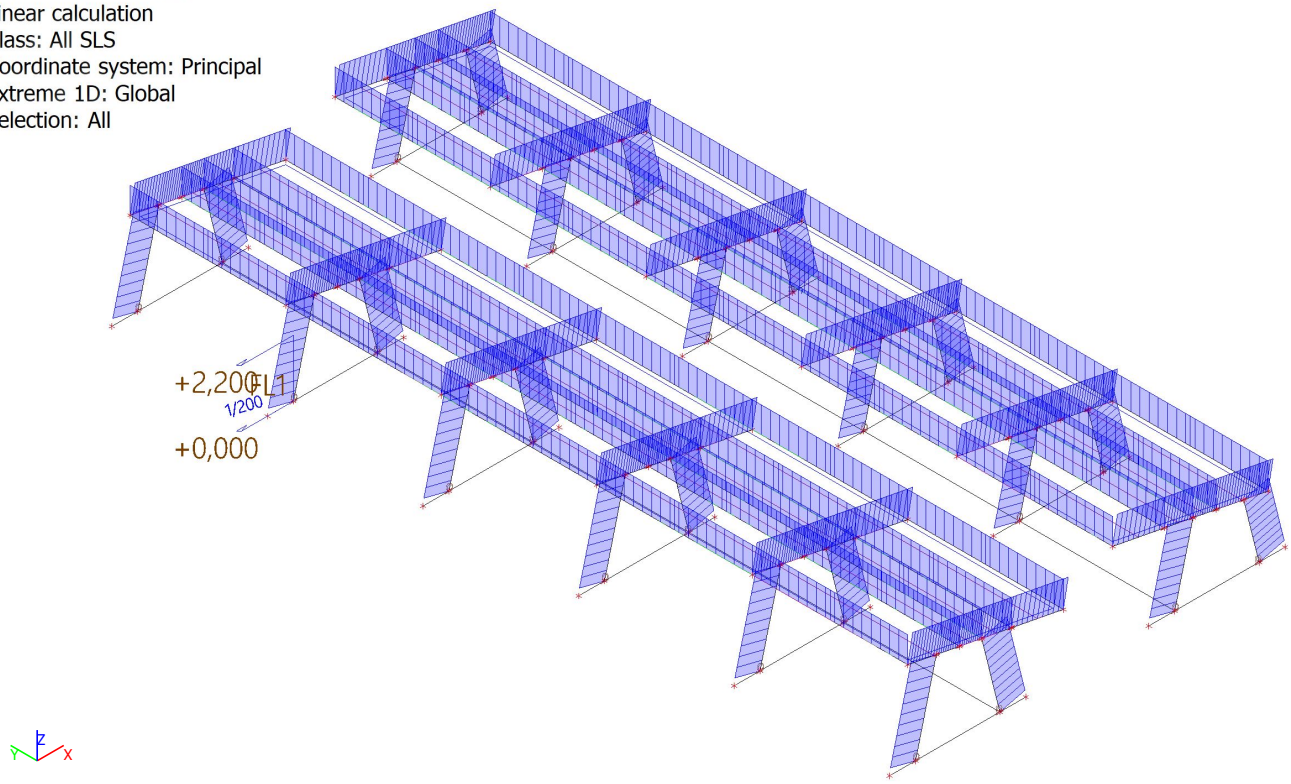
Values: **Total load y**
Linear calculation
Class: All SLS
Coordinate system: Principal
Extreme 1D: Member
Selection: All



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3.6.3.1.4.1.12. Omejitev deformacij za total load z

Values: **Total load z**
Linear calculation
Class: All SLS
Coordinate system: Principal
Extreme 1D: Global
Selection: All



3.6.3.1.4.1.13. Kontrola deformacij za jeklene konstrukcijske elemente

Linear calculation
Class: All SLS
Coordinate system: Principal
Extreme 1D: Member
Selection: All
Overall Unity Check

Name	dx [m]	Case	$u_{y,max}$ [mm] $u_{z,max}$ [mm]	$u_{y,var}$ [mm] $u_{z,var}$ [mm]	Lim. $u_{y,max}$ [mm] Lim. $u_{z,max}$ [mm]	Lim. $u_{y,var}$ [mm] Lim. $u_{z,var}$ [mm]	Check $u_{y,max}$ [-] Check $u_{z,max}$ [-]	Check $u_{y,var}$ [-] Check $u_{z,var}$ [-]	Camber dx u_z [mm] Camber [mm]	Check Overall [-]
B1	1,944	SLS-Char	0,0	0,0	16,2	13,0	0,00	0,00	-	**0,06**
		(auto)/1	1,0	0,8	16,2	13,0	0,06	0,06	-	
B2	1,734	SLS-Char	0,2	0,1	14,5	11,6	0,01	0,01	-	**0,24**
		(auto)/2	-3,5	-2,7	14,5	11,6	0,24	0,24	-	
B3	6,109	SLS-Char	0,0	0,0	10,2	8,1	0,00	0,00	-	**1,02**
		(auto)/2	-32,8	-25,3	32,1	25,7	1,02	0,99	-	
B4	1,944	SLS-Char	0,0	0,0	16,2	13,0	0,00	0,00	-	**0,06**
		(auto)/2	1,0	0,8	16,2	13,0	0,06	0,06	-	
B5	1,734	SLS-Char	0,0	0,0	14,5	11,6	0,00	0,00	-	**0,23**
		(auto)/2	-3,3	-2,5	14,5	11,6	0,23	0,22	-	
B6	6,109	SLS-Char	0,0	0,0	10,2	8,1	0,00	0,00	-	**0,96**
		(auto)/2	-30,7	-23,5	32,1	25,7	0,96	0,92	-	
B7	1,944	SLS-Char	0,0	0,0	16,2	13,0	0,00	0,00	-	**0,06**
		(auto)/2	1,0	0,8	16,2	13,0	0,06	0,06	-	
B8	1,734	SLS-Char	0,0	0,0	14,5	11,6	0,00	0,00	-	**0,23**
		(auto)/2	-3,3	-2,5	14,5	11,6	0,23	0,22	-	
B9	6,109	SLS-Char	0,0	0,0	10,2	8,1	0,00	0,00	-	**0,96**
		(auto)/2	-30,7	-23,5	32,1	25,7	0,96	0,92	-	
B10	1,944	SLS-Char	0,0	0,0	16,2	13,0	0,00	0,00	-	**0,06**

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Name	dx [m]	Case	$u_{y,max}$ [mm] $u_{z,max}$ [mm]	$u_{y,var}$ [mm] $u_{z,var}$ [mm]	Lim. $u_{y,max}$ [mm] Lim. $u_{z,max}$ [mm]	Lim. $u_{y,var}$ [mm] Lim. $u_{z,var}$ [mm]	Check $u_{y,max}$ [-] Check $u_{z,max}$ [-]	Check $u_{y,var}$ [-] Check $u_{z,var}$ [-]	Camber dx u_z [mm] Camber [mm]	Check Overall [-]
		(auto)/1	1,0	0,8	16,2	13,0	0,06	0,06	-	
B11	1,734	SLS-Char	-0,2	-0,1	14,5	11,6	0,01	0,01	-	**0,24**
		(auto)/2	-3,5	-2,7	14,5	11,6	0,24	0,24	-	
B12	6,109	SLS-Char	0,0	0,0	10,2	8,1	0,00	0,00	-	**1,02**
		(auto)/2	-32,8	-25,3	32,1	25,7	1,02	0,99	-	
B13	1,944	SLS-Char	-0,1	-0,1	16,2	13,0	0,00	0,00	-	**0,04**
		(auto)/3	0,6	0,5	16,2	13,0	0,03	0,04	-	
B14	1,734	SLS-Char	1,1	0,9	14,5	11,6	0,08	0,08	-	**0,11**
		(auto)/1	-1,6	-1,3	14,5	11,6	0,11	0,11	-	
B15	6,109	SLS-Char	0,0	0,0	10,2	8,1	0,00	0,00	-	**0,47**
		(auto)/1	-15,0	-11,4	32,1	25,7	0,47	0,44	-	
B16	1,944	SLS-Char	0,1	0,1	16,2	13,0	0,00	0,00	-	**0,04**
		(auto)/3	0,6	0,5	16,2	13,0	0,03	0,04	-	
B17	1,734	SLS-Char	-1,1	-0,9	14,5	11,6	0,08	0,08	-	**0,11**
		(auto)/1	-1,6	-1,3	14,5	11,6	0,11	0,11	-	
B18	6,109	SLS-Char	0,0	0,0	10,2	8,1	0,00	0,00	-	**0,47**
		(auto)/1	-15,0	-11,4	32,1	25,7	0,47	0,44	-	
B19	2,824	SLS-Char	2,2	2,1	30,0	24,0	0,07	0,09	-	**0,25**
		(auto)/1	-7,6	-6,0	30,0	24,0	0,25	0,25	-	
B21	2,824	SLS-Char	2,6	2,4	30,0	24,0	0,09	0,10	-	**0,32**
		(auto)/1	-9,6	-7,7	30,0	24,0	0,32	0,32	-	
B22	2,824	SLS-Char	2,9	2,7	30,0	24,0	0,10	0,11	-	**0,39**
		(auto)/1	-11,6	-9,3	30,0	24,0	0,39	0,39	-	
B23	2,824	SLS-Char	2,5	2,3	30,0	24,0	0,08	0,10	-	**0,33**
		(auto)/1	-9,8	-7,8	30,0	24,0	0,33	0,33	-	
B24	3,000-	SLS-Char	-2,1	-2,0	30,0	24,0	0,07	0,08	-	**0,08**
		(auto)/4	-0,9	-0,4	30,0	24,0	0,03	0,02	-	
B25	3,000-	SLS-Char	1,1	1,1	30,0	24,0	0,04	0,05	-	**0,11**
		(auto)/2	-3,2	-2,5	30,0	24,0	0,11	0,10	-	
B26	3,176	SLS-Char	0,8	0,9	30,0	24,0	0,03	0,04	-	**0,10**
		(auto)/2	-3,0	-2,4	30,0	24,0	0,10	0,10	-	
B27	3,000-	SLS-Char	-2,1	-2,1	30,0	24,0	0,07	0,09	-	**0,09**
		(auto)/4	-1,1	-0,6	30,0	24,0	0,04	0,02	-	
B28	3,000-	SLS-Char	1,2	1,2	30,0	24,0	0,04	0,05	-	**0,11**
		(auto)/2	-3,4	-2,7	30,0	24,0	0,11	0,11	-	
B29	3,000-	SLS-Char	-2,1	-2,1	30,0	24,0	0,07	0,09	-	**0,09**
		(auto)/4	-0,6	-0,1	30,0	24,0	0,02	0,00	-	
B30	3,000-	SLS-Char	1,2	1,2	30,0	24,0	0,04	0,05	-	**0,16**
		(auto)/1	-4,7	-3,7	30,0	24,0	0,16	0,15	-	
B31	3,000-	SLS-Char	1,1	1,1	30,0	24,0	0,04	0,05	-	**0,15**
		(auto)/1	-4,6	-3,6	30,0	24,0	0,15	0,15	-	
B32	3,000+	SLS-Char	-2,1	-2,0	30,0	24,0	0,07	0,08	-	**0,08**
		(auto)/4	-0,9	-0,4	30,0	24,0	0,03	0,02	-	
B33	3,000+	SLS-Char	1,1	1,1	30,0	24,0	0,04	0,05	-	**0,11**
		(auto)/2	-3,2	-2,5	30,0	24,0	0,11	0,10	-	
B34	2,824	SLS-Char	0,8	0,9	30,0	24,0	0,03	0,04	-	**0,10**
		(auto)/2	-3,0	-2,4	30,0	24,0	0,10	0,10	-	
B35	3,000+	SLS-Char	-2,1	-2,1	30,0	24,0	0,07	0,09	-	**0,09**
		(auto)/4	-1,1	-0,6	30,0	24,0	0,04	0,02	-	
B36	3,176	SLS-Char	2,2	2,1	30,0	24,0	0,07	0,09	-	**0,25**
		(auto)/1	-7,6	-6,0	30,0	24,0	0,25	0,25	-	
B37	3,176	SLS-Char	2,6	2,4	30,0	24,0	0,09	0,10	-	**0,32**
		(auto)/1	-9,6	-7,7	30,0	24,0	0,32	0,32	-	
B38	3,176	SLS-Char	2,9	2,7	30,0	24,0	0,10	0,11	-	**0,39**
		(auto)/1	-11,6	-9,3	30,0	24,0	0,39	0,39	-	
B39	3,176	SLS-Char	2,5	2,3	30,0	24,0	0,08	0,10	-	**0,33**
		(auto)/1	-9,8	-7,8	30,0	24,0	0,33	0,33	-	
B40	1,706	SLS-Char	-0,1	-0,1	14,2	11,4	0,01	0,01	-	**0,20**
		(auto)/2	-2,8	-2,1	14,2	11,4	0,20	0,18	-	
B41	1,473	SLS-Char	0,0	0,0	12,3	9,8	0,00	0,00	-	**0,04**
		(auto)/5	0,5	0,4	12,3	9,8	0,04	0,04	-	
B42	0,000	SLS-Char	0,0	0,0	10,2	8,1	0,00	0,00	-	**0,97**

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Name	dx [m]	Case	$u_{y,max}$ [mm] $u_{z,max}$ [mm]	$u_{y,var}$ [mm] $u_{z,var}$ [mm]	Lim. $u_{y,max}$ [mm] Lim. $u_{z,max}$ [mm]	Lim. $u_{y,var}$ [mm] Lim. $u_{z,var}$ [mm]	Check $u_{y,max}$ [-] Check $u_{z,max}$ [-]	Check $u_{y,var}$ [-] Check $u_{z,var}$ [-]	Camber dx u_z [mm] Camber [mm]	Check Overall [-]
		(auto)/2	-30,7	-23,6	31,6	25,3	0,97	0,93	-	
B43	1,706	SLS-Char	0,0	0,0	14,2	11,4	0,00	0,00	-	**0,18**
		(auto)/2	-2,6	-1,9	14,2	11,4	0,18	0,17	-	
B44	1,473	SLS-Char	0,0	0,0	12,3	9,8	0,00	0,00	-	**0,04**
		(auto)/5	0,5	0,4	12,3	9,8	0,04	0,04	-	
B45	0,000	SLS-Char	0,0	0,0	10,2	8,1	0,00	0,00	-	**0,90**
		(auto)/2	-28,5	-21,8	31,6	25,3	0,90	0,86	-	
B46	1,706	SLS-Char	0,0	0,0	14,2	11,4	0,00	0,00	-	**0,18**
		(auto)/2	-2,6	-1,9	14,2	11,4	0,18	0,17	-	
B47	1,473	SLS-Char	0,0	0,0	12,3	9,8	0,00	0,00	-	**0,04**
		(auto)/5	0,5	0,4	12,3	9,8	0,04	0,04	-	
B48	0,000	SLS-Char	0,0	0,0	10,2	8,1	0,00	0,00	-	**0,90**
		(auto)/2	-28,5	-21,8	31,6	25,3	0,90	0,86	-	
B49	1,706	SLS-Char	0,1	0,1	14,2	11,4	0,01	0,01	-	**0,20**
		(auto)/2	-2,8	-2,1	14,2	11,4	0,20	0,18	-	
B50	1,473	SLS-Char	0,0	0,0	12,3	9,8	0,00	0,00	-	**0,04**
		(auto)/5	0,5	0,4	12,3	9,8	0,04	0,04	-	
B51	0,000	SLS-Char	0,0	0,0	10,2	8,1	0,00	0,00	-	**0,97**
		(auto)/2	-30,7	-23,6	31,6	25,3	0,97	0,93	-	
B52	1,706	SLS-Char	-1,1	-0,9	14,2	11,4	0,08	0,08	-	**0,09**
		(auto)/1	-1,2	-0,9	14,2	11,4	0,09	0,08	-	
B53	1,473	SLS-Char	0,0	0,0	12,3	9,8	0,00	0,00	-	**0,02**
		(auto)/6	0,3	0,2	12,3	9,8	0,02	0,02	-	
B54	0,000	SLS-Char	0,0	0,0	10,2	8,1	0,00	0,00	-	**0,44**
		(auto)/1	-13,8	-10,5	31,6	25,3	0,44	0,42	-	
B55	1,706	SLS-Char	1,1	0,9	14,2	11,4	0,08	0,08	-	**0,09**
		(auto)/1	-1,2	-0,9	14,2	11,4	0,09	0,08	-	
B56	1,473	SLS-Char	0,0	0,0	12,3	9,8	0,00	0,00	-	**0,02**
		(auto)/6	0,3	0,2	12,3	9,8	0,02	0,02	-	
B57	0,000	SLS-Char	0,0	0,0	10,2	8,1	0,00	0,00	-	**0,44**
		(auto)/1	-13,8	-10,5	31,6	25,3	0,44	0,42	-	
B58	2,824	SLS-Char	2,7	2,4	30,0	24,0	0,09	0,10	-	**0,32**
		(auto)/1	-9,5	-7,5	30,0	24,0	0,32	0,31	-	
B59	2,824	SLS-Char	2,3	2,1	30,0	24,0	0,08	0,09	-	**0,25**
		(auto)/1	-7,6	-6,0	30,0	24,0	0,25	0,25	-	
B60	2,824	SLS-Char	2,7	2,4	30,0	24,0	0,09	0,10	-	**0,33**
		(auto)/1	-10,0	-8,0	30,0	24,0	0,33	0,33	-	
B61	2,824	SLS-Char	3,0	2,7	30,0	24,0	0,10	0,11	-	**0,38**
		(auto)/1	-11,3	-9,1	30,0	24,0	0,38	0,38	-	
B62	3,000-	SLS-Char	1,1	1,1	30,0	24,0	0,04	0,05	-	**0,10**
		(auto)/2	-3,1	-2,4	30,0	24,0	0,10	0,10	-	
B63	3,000-	SLS-Char	-2,1	-2,0	30,0	24,0	0,07	0,08	-	**0,08**
		(auto)/4	-0,8	-0,4	30,0	24,0	0,03	0,02	-	
B64	3,000+	SLS-Char	-2,2	-2,1	30,0	24,0	0,07	0,09	-	**0,09**
		(auto)/4	-1,1	-0,6	30,0	24,0	0,04	0,02	-	
B65	3,176	SLS-Char	0,8	0,9	30,0	24,0	0,03	0,04	-	**0,10**
		(auto)/2	-2,9	-2,3	30,0	24,0	0,10	0,09	-	
B66	3,000-	SLS-Char	-2,1	-2,1	30,0	24,0	0,07	0,09	-	**0,09**
		(auto)/4	-0,6	0,0	30,0	24,0	0,02	0,00	-	
B67	3,000-	SLS-Char	1,2	1,2	30,0	24,0	0,04	0,05	-	**0,11**
		(auto)/2	-3,4	-2,7	30,0	24,0	0,11	0,11	-	
B68	3,000-	SLS-Char	1,1	1,1	30,0	24,0	0,04	0,05	-	**0,16**
		(auto)/1	-4,7	-3,7	30,0	24,0	0,16	0,15	-	
B69	3,000-	SLS-Char	1,2	1,1	30,0	24,0	0,04	0,05	-	**0,16**
		(auto)/1	-4,7	-3,7	30,0	24,0	0,16	0,15	-	
B70	3,000+	SLS-Char	1,1	1,1	30,0	24,0	0,04	0,05	-	**0,10**
		(auto)/2	-3,1	-2,4	30,0	24,0	0,10	0,10	-	
B71	3,000-	SLS-Char	-2,1	-2,0	30,0	24,0	0,07	0,08	-	**0,08**
		(auto)/4	-0,8	-0,4	30,0	24,0	0,03	0,02	-	
B72	3,000-	SLS-Char	-2,2	-2,1	30,0	24,0	0,07	0,09	-	**0,09**
		(auto)/4	-1,1	-0,6	30,0	24,0	0,04	0,02	-	
B73	2,824	SLS-Char	0,8	0,9	30,0	24,0	0,03	0,04	-	**0,10**

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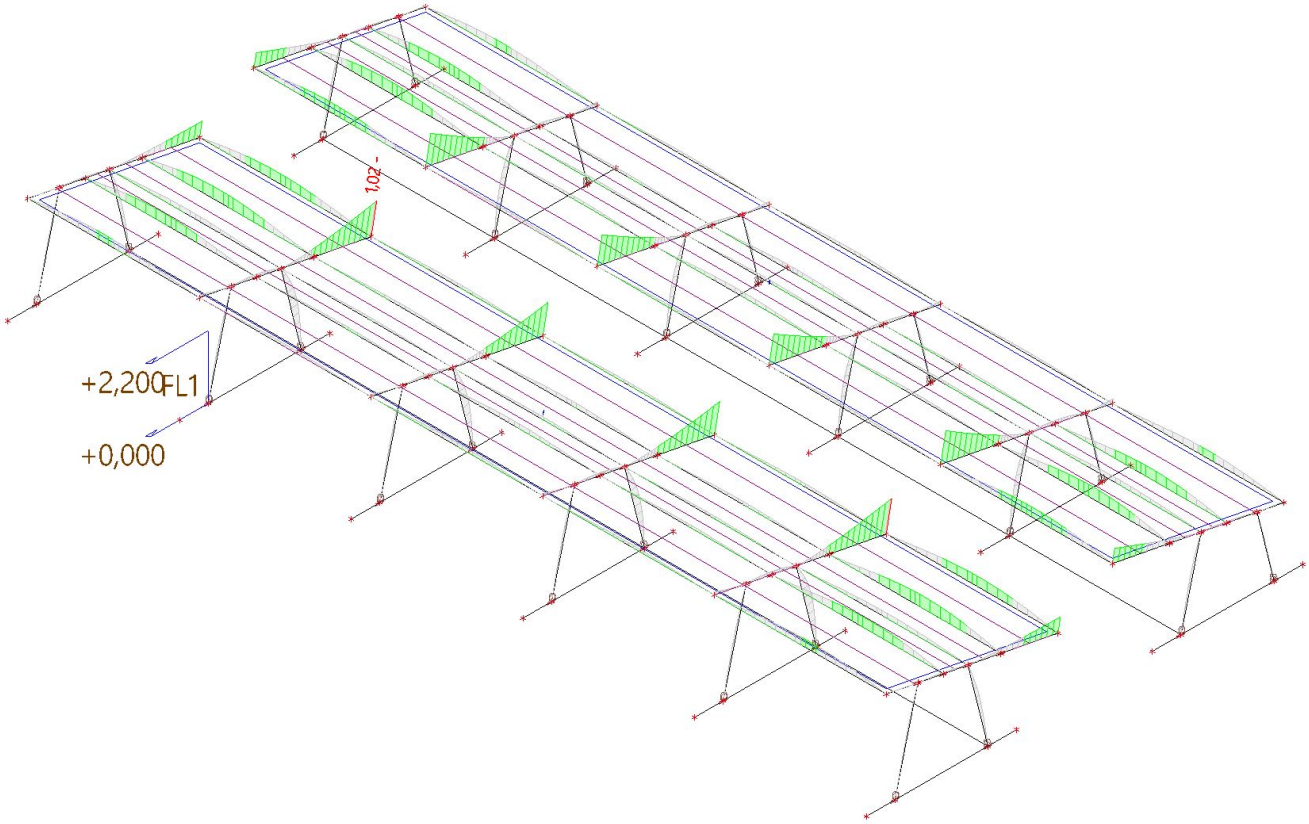
Name	dx [m]	Case	$u_{y,max}$ [mm] $u_{z,max}$ [mm]	$u_{y,var}$ [mm] $u_{z,var}$ [mm]	Lim. $u_{y,max}$ [mm] Lim. $u_{z,max}$ [mm]	Lim. $u_{y,var}$ [mm] Lim. $u_{z,var}$ [mm]	Check $u_{y,max}$ [-] Check $u_{z,max}$ [-]	Check $u_{y,var}$ [-] Check $u_{z,var}$ [-]	Camber dx u_z [mm] Camber [mm]	Check Overall [-]
		(auto)/2	-2,9	-2,3	30,0	24,0	0,10	0,09	-	
B74	3,176	SLS-Char	2,7	2,4	30,0	24,0	0,09	0,10	-	**0,32**
		(auto)/1	-9,5	-7,5	30,0	24,0	0,32	0,31	-	
B75	3,176	SLS-Char	2,3	2,1	30,0	24,0	0,08	0,09	-	**0,25**
		(auto)/1	-7,6	-6,0	30,0	24,0	0,25	0,25	-	
B76	3,176	SLS-Char	2,7	2,4	30,0	24,0	0,09	0,10	-	**0,33**
		(auto)/1	-10,0	-8,0	30,0	24,0	0,33	0,33	-	
B77	3,176	SLS-Char	3,0	2,7	30,0	24,0	0,10	0,11	-	**0,38**
		(auto)/1	-11,3	-9,1	30,0	24,0	0,38	0,38	-	
B78	2,824	SLS-Char	1,4	1,3	30,0	24,0	0,05	0,06	-	**0,16**
		(auto)/1	-4,9	-3,8	30,0	24,0	0,16	0,16	-	
B79	3,000-	SLS-Char	0,6	0,6	30,0	24,0	0,02	0,03	-	**0,08**
		(auto)/2	-2,5	-1,9	30,0	24,0	0,08	0,08	-	
B80	3,000-	SLS-Char	0,7	0,7	30,0	24,0	0,02	0,03	-	**0,09**
		(auto)/1	-2,8	-2,2	30,0	24,0	0,09	0,09	-	
B81	3,000-	SLS-Char	0,6	0,6	30,0	24,0	0,02	0,03	-	**0,08**
		(auto)/2	-2,5	-1,9	30,0	24,0	0,08	0,08	-	
B82	3,176	SLS-Char	1,4	1,3	30,0	24,0	0,05	0,06	-	**0,16**
		(auto)/1	-4,9	-3,8	30,0	24,0	0,16	0,16	-	
B83	2,824	SLS-Char	1,4	1,3	30,0	24,0	0,05	0,05	-	**0,15**
		(auto)/1	-4,6	-3,6	30,0	24,0	0,15	0,15	-	
B84	3,000-	SLS-Char	0,6	0,6	30,0	24,0	0,02	0,03	-	**0,08**
		(auto)/2	-2,5	-1,9	30,0	24,0	0,08	0,08	-	
B85	3,000-	SLS-Char	0,7	0,7	30,0	24,0	0,02	0,03	-	**0,09**
		(auto)/1	-2,8	-2,2	30,0	24,0	0,09	0,09	-	
B86	3,000-	SLS-Char	0,6	0,6	30,0	24,0	0,02	0,03	-	**0,08**
		(auto)/2	-2,5	-1,9	30,0	24,0	0,08	0,08	-	
B87	3,176	SLS-Char	1,4	1,3	30,0	24,0	0,05	0,05	-	**0,15**
		(auto)/1	-4,6	-3,6	30,0	24,0	0,15	0,15	-	

Name	Combination key
SLS-Char (auto)/1	G1 + G2 + 0.60*3DWind1 + S1
SLS-Char (auto)/2	G1 + G2 + 0.60*3DWind3 + S1
SLS-Char (auto)/3	G1 + G2 + 3DWind1 + 0.50*S1
SLS-Char (auto)/4	G1 + G2 + 3DWind2 + 0.50*S1
SLS-Char (auto)/5	G1 + G2 + 0.60*3DWind2 + S1
SLS-Char (auto)/6	G1 + G2 + 0.60*3DWind4 + S1

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3.6.3.1.4.1.14. Izkoriščenosti omejitev relativnih deformacij

Values: **Check** Overall
Linear calculation
Class: All SLS
Coordinate system: Principal
Extreme 1D: Global
Selection: All

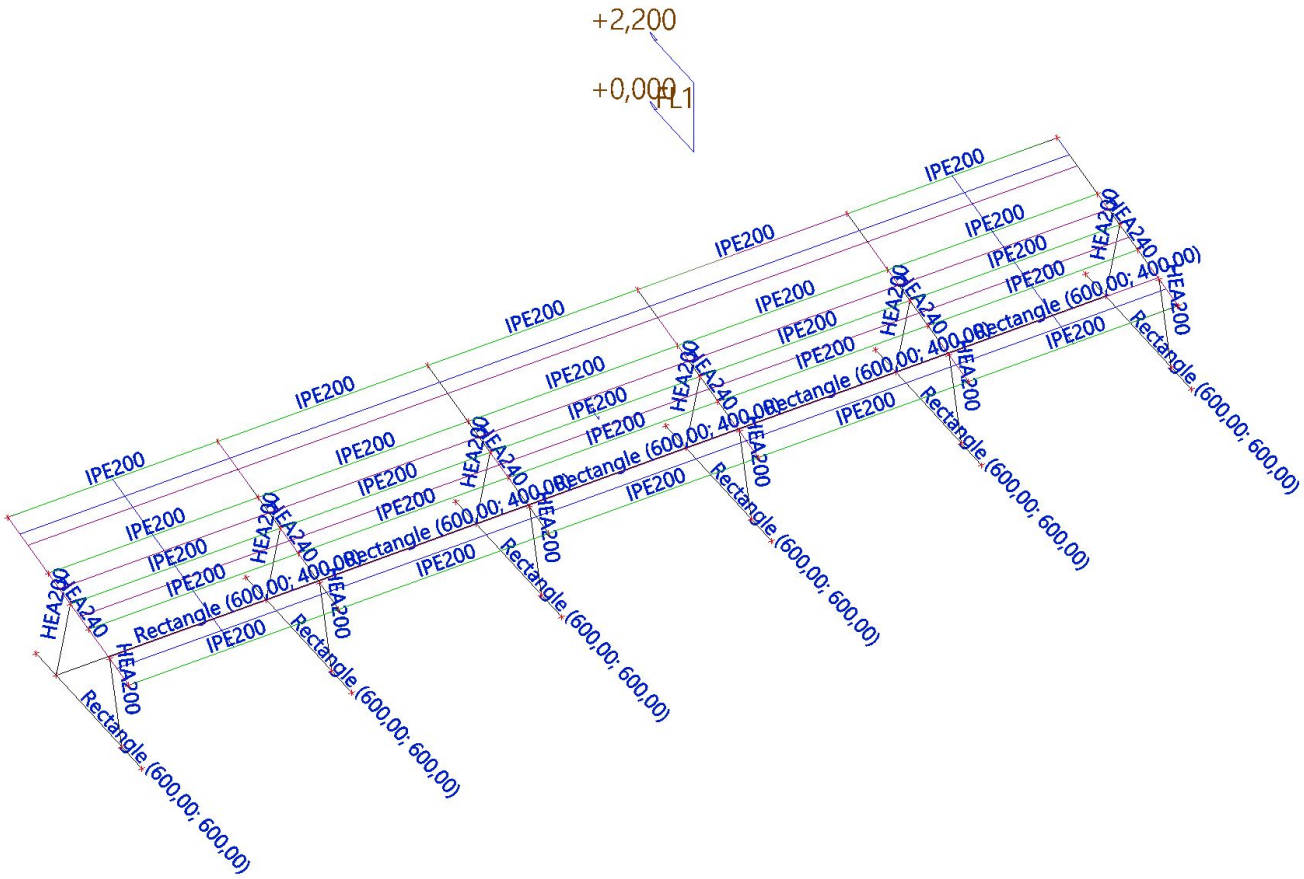


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4. Grafični del

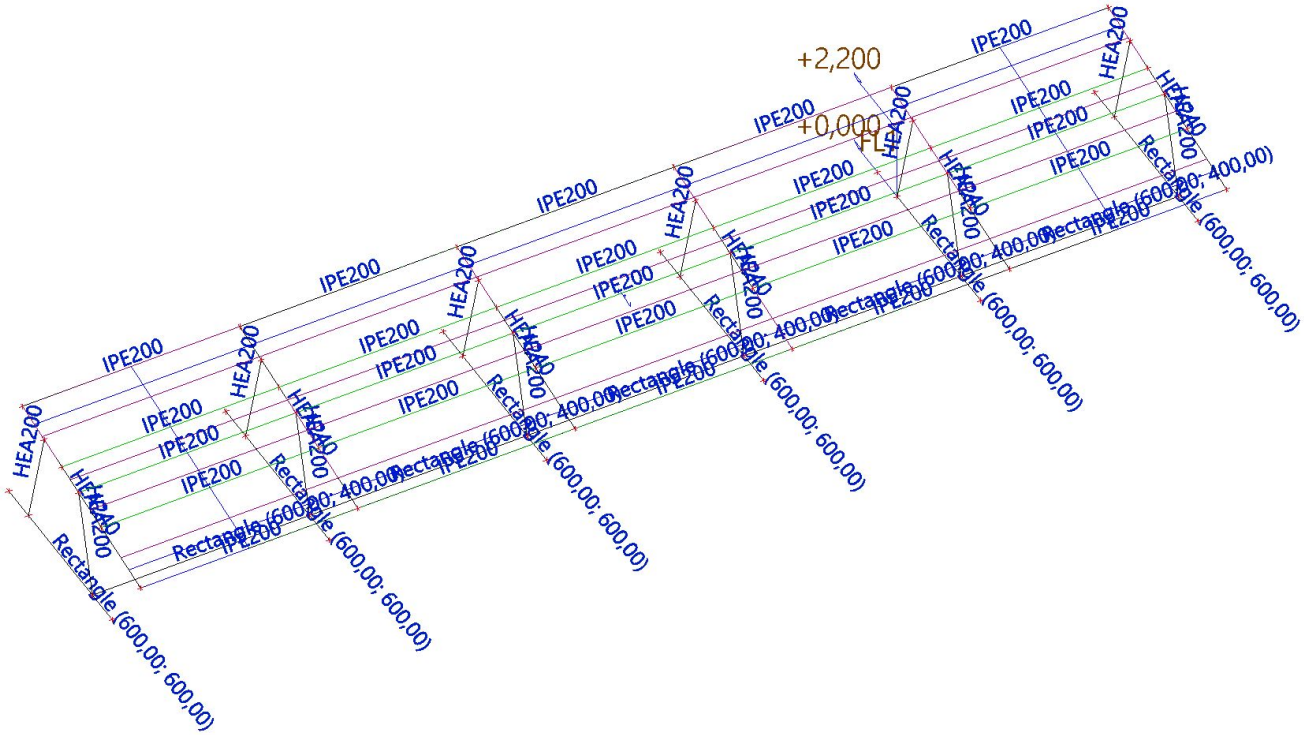
4.1. Pregled profilov - nadstrešek 1



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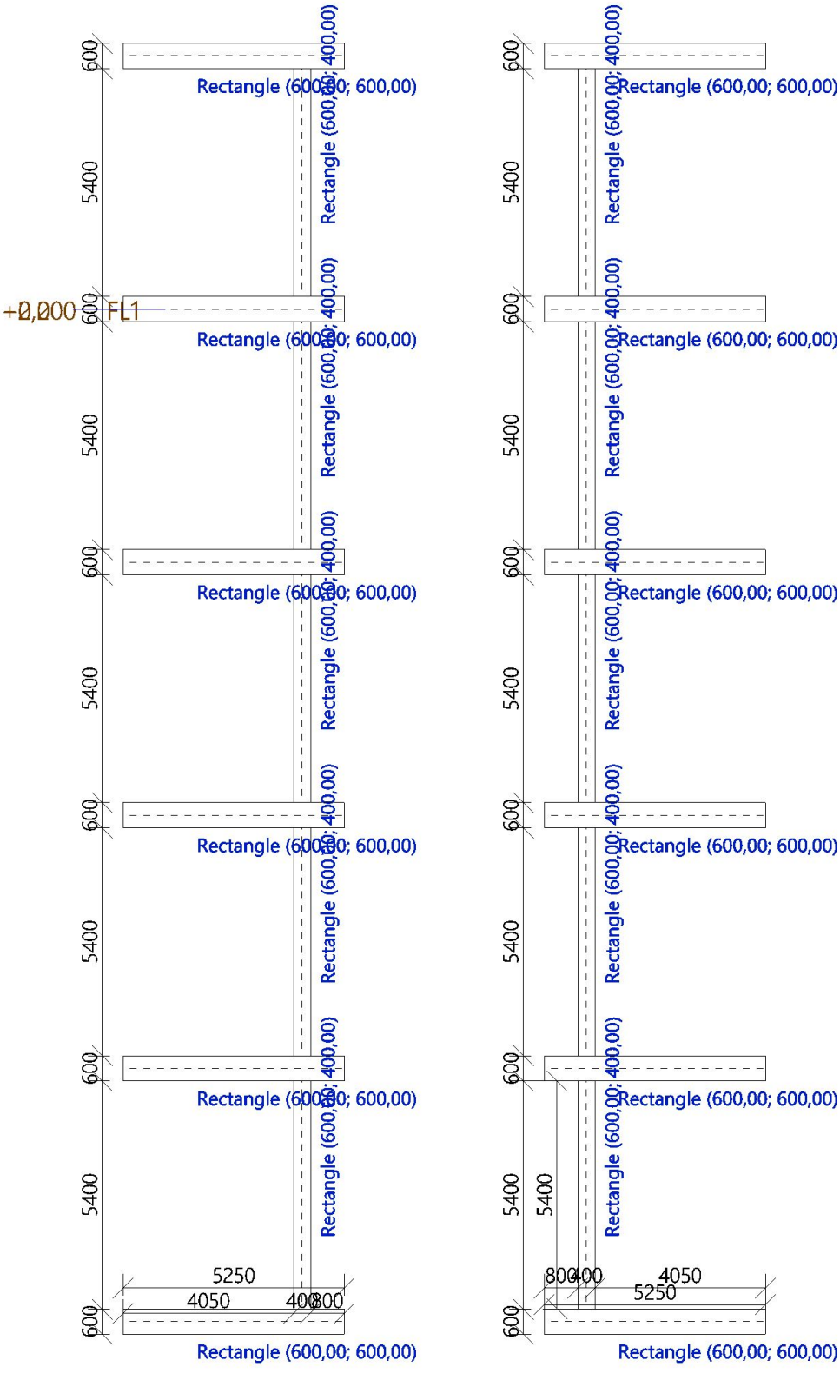
4.2. Pregled profilov - nadstrešek 2





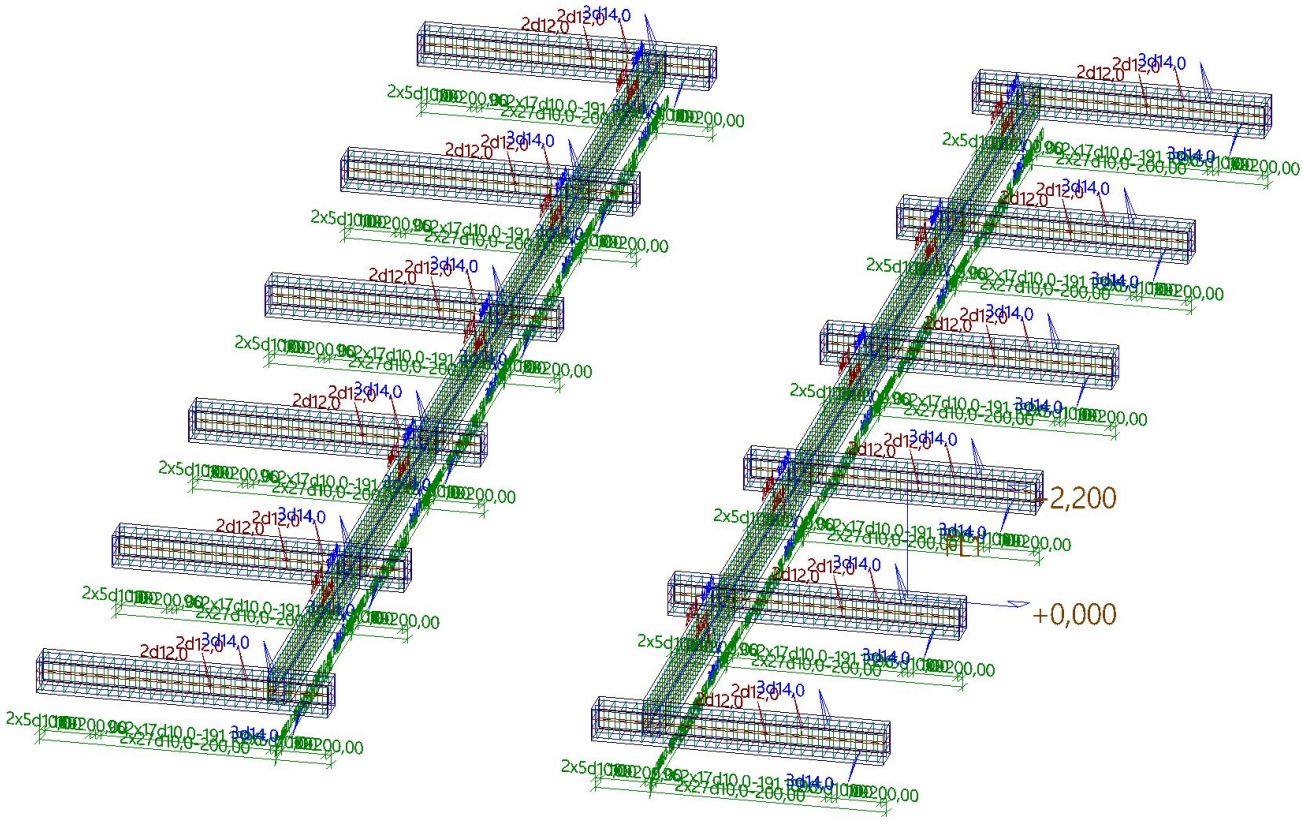
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4.3. Prikaz dimenzij pasovnih temeljev



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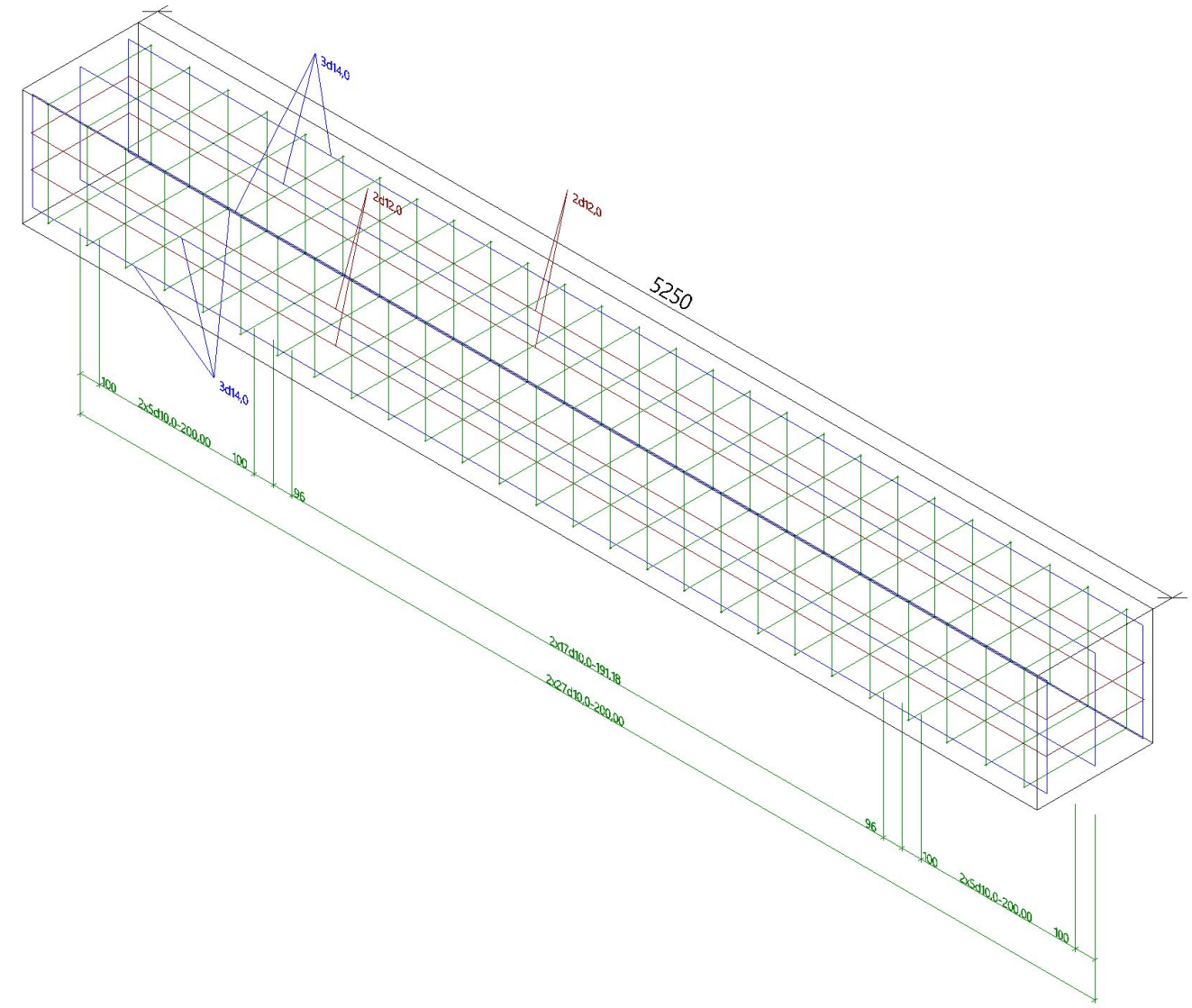
4.4. Prikaz armiranja pasovnih temeljev



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4.5. Prikaz armiranja pasovnega temelja 60/60 cm



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4.6. Prikaz armiranja pasovnega temelja 40/60 cm

