PRILOGA 1B

NASLOVNA STRAN NAČRTA

OSNOVNI PODATKI O GRADNJI	
naziv gradnje	**DOZIDAVA IN REKONSTRUKCIJA OŠ JURIJA VEGE MORAVČE**
kratek opis gradnje	Občina Moravče namerava prizidati in rekonstruirati obstoječi objekt Osnovne šole Jurija Vege Moravče. Gradnja bo obsegala: - odstranitev dela obstoječega prizidka in šolske telovadnice na severni strani; - dozidavo in nadzidavo severnega prizidka in nove športne telovadne dvorane; - delno rekonstrukcijo obstoječega objekta šole; - izvedbo novih oz. prizidavo obstoječih opornih zidov. Obstoječe zaklonišče v kleti ostane kot obstoječe, na novo bo urejen le notranji dostop do zaklonišča.
Seznam objektov, ureditev površin in komunalnih naprav z navedbo vrste gradnje.	
vrste gradnje	☐ **novogradnja - novozgrajen objekt**
Označiti vse ustrezne vrste gradnje	☑ **novogradnja - prizidava**
	☑ **rekonstrukcija**
	☐ **sprememba namembnosti**
	☑ **odstranitev**
DOKUMENTACIJA	
vrsta dokumentacije	**PZI - projekt za izvedbo**
(IZP, DGD, PZI, PID)	
številka projekta	**042/19**
	☐ **sprememba dokumentacije**
PODATKI O NAČRTU	
strokovno področje načrta	**2 Načrt s področja gradbeništva**
številka načrta	**G-042/19**
datum izdelave	**November 2020**
PODATKI O IZDELOVALCU NAČRTA	
ime in priimek pooblaščenega arhitekta, pooblaščenega inženirja	**Janko Mele, u.d.i.g.**
identifikacijska številka	**IZS G-0292**
podpis pooblaščenega arhitekta, pooblaščenega inženirja	

PODATKI O PROJEKTANTU	
projektant (naziv družbe)	**MISEL d.o.o.**
naslov	**Cankarjeva 1, 6230 POSTOJNA**
vodja projekta	**Iztok N. Čančula, u.d.i.a.**
identifikacijska številka	**ZAPS A-0251**
podpis vodje projekta	
odgovorna oseba projektanta	**Iztok N. Čančula**
podpis odgovorne osebe projektanta	

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E-mail: janko.mele@gb-mele.si

2.1 NASLOVNA STRAN Z OSNOVNIMI PODATKI O NAČRTU

ŠTEVILČNA OZNAKA NAČRTA IN VRSTA NAČRTA

2 – NAČRT S PODROČJA GRADBENIŠTVA

(načrt arhitekture; načrt krajinske arhitekture; načrt gradbenih konstrukcij in drugi gradbeni načrti; načrt električnih inštalacij in električne opreme; načrt strojnih inštalacij in strojne opreme; načrt telekomunikacij; tehnološki načrt; načrti izkopov in osnovne podgradnje)

INVESTITOR

OBČINA MORAVČE
Vegova ulica 9, 1251 Moravče

(ime, priimek in naslov investitorja oziroma njegov naziv in sedež)

OBJEKT

DOZIDAVA IN REKONSTRUKCIJAOŠ JURIJA VEGE MORAVČE

(poimenovanje objekta, na katerega se gradnja nanaša)

VRSTA PROJEKTNE DOKUMENTACIJE

Projekt za izvedbo – PZI

(idejna zasnova, idejni projekt, projekt za pridobitev gradbenega dovoljenja, projekt za izvedbo, projekt izvedenih del)

ZA GRADNJO

NOVA GRADNJA - PRIZIDAVA, REKONSTRUKCIJA, ODSTRANITEV

(nova gradnja, dozidava, nadzidava, rekonstrukcija, odstranitev objekta, sprememba namembnosti)

PROJEKTANT

Gradbeni biro Mele, Janko Mele s.p.,
Cesta gradenj 6, 1360 Vrhnika

direktor: **Janko Mele, univ.dipl.inž.gradb.,**

(naziv projektanta, sedež, ime in podpis odgovorne osebe projektanta, žig)

ODGOVORNI PROJEKTANT

Janko Mele, univ.dipl.inž.gradb.,

id.št. IZS G-0292

(ime in priimek, strokovna izobrazba, osebni žig, podpis)

ŠTEVILKA NAČRTA, KRAJ IN DATUM IZDELAVE NAČRTA

številka **G - 0 4 2 / 1 9** številka izvoda: **1 2 3 4**

Vrhnika, november 2020

(številka načrta, evidentirana pri projektantu, kraj in datum izdelave načrta)

ODGOVORNI VODJA PROJEKTA

Iztok N. Čančula, univ.dipl.inž.arh.,

id.št. ZAPS A-0251

(ime in priimek, strokovna izobrazba, osebni žig, podpis)

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2.2 KAZALO VSEBINE NAČRTA GRADBENIH KONSTR. št.: G-042/19

2.1	Naslovna stran načrta
2.2	Kazalo vsebine načrta
2.3	Tehnično poročilo Statični račun
2.4	Risbe

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2.3 TEHNIČNO POROČILO

SPLOŠNO

Tehnično poročilo se nanaša na izdelavo PZI projektne dokumentacije za gradnjo objekta: *DOZIDAVA IN REKONSTRUKCIJA OŠ JURIJA VEGE MORAVČE* v Moravčah.

Občina Moravče namerava prizidati in rekonstruirati obstoječi objekt Osnovne šole Jurija Vege Moravče. V okviru projekta je predvidena:
- odstranitev dela obstoječega prizidka in obstoječe šolske telovadnice na severni strani;
- dozidava in nadzidava severnega prizidka in nove športne telovadne dvorane;
- delna rekonstrukcija obstoječega objekta šole;
- izvedba novih oz. prizidava obstoječih opornih zidov.

Prizidava bo obsegala gradnjo nove dvorane za potrebe šolske športne vzgoje in ostalih športnih aktivnosti v občini in gradnjo povezovalnega dela s 6 učilnicami, novo centralno kuhinjo, jedilnico – večnamenskim prostorom, zbornico, upravo in drugimi spremljajočimi prostori. Na ta način bo omogočeno delovanje osnovne šole z največ 27 oddelki.
Rekonstrukcija obstoječega objekta bo zajemala navezavo novih in obstoječih delov objekta, požarno ločitev po etažah, izvedbo novih odprtin in ureditev dela prostorov v pritličju za potrebe otroškega vrtca.
Obstoječe zaklonišče v kleti ostane kot obstoječe, na novo bo urejen le notranji dostop do zaklonišča – preko centralnega stopnišča v prizidku.

S prizidavo bo vgrajeno osebno dvigalo in urejene nivojske povezave med vsemi etažami novega in obstoječega dela objekta. Tako bo zagotovljen neoviran dostop za gibalno ovirane osebe v vse etaže.

Maksimalne tlorisne dimenzije novega objekta znašajo 56,0 m x 44,2 m, po višini pa obsega pritličje (z dostopom v obstoječe zaklonišče), dve nadstropji in podstrešje.
Objekt je funkcionalno in konstrukcijsko sestavljen iz dveh delov, ki sta medsebojno povezana in sicer šolskega dela in telovadnice.

KONSTRUKCIJA

Dvorana - Nosilno konstrukcijo v območju velike telovadnice (t.j. med osmi 1 in 7 ter A in D) predstavljajo AB stebri prečnega prereza a/b = 70/80 cm v oseh A in D, ter AB stebri dimenzij a/b = 70/70 cm v oseh 1 in 7. Med stebri potekajo AB stene debeline d = 25 cm. Ostrešje enokapne strehe v naklonu 5,13º v tem delu predstavljajo primarni lepljeni leseni nosilci dimenzij 28/220 cm na medsebojnem osnem razmiku e = 7,15m, ki potekajo preko razpona l = 31,28 m (med osema A in D). Preko lesenih lepljenih nosilcev je predvidena izvedba prefabricarnih samonosilnih lesenih strešnih panelov.

Šolski del - Na preostalem delu tlorisa nosilno konstrukcijo predstavljajo armiranobetonske stene in slopi debelin d = 25 cm, ki so enakomerno razporejeni v dveh ortogonalnih smereh. Stene potekajo neprekinjeno od vrha objekta do temeljnih tal.
Medetažne konstrukcije nad pritličjem in nadstropji so polne armiranobetonske plošče debeline d = 25 cm, razen v območju strojnic klimatov in arhiva (nad malo dvorano), kjer znaša debelina plošče d = 30 cm.

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Nosilna konstrukcija strehe je tudi nad šolskim delom izvedena s prefabriciranimi lesenimi strešnimi paneli preko razponov 7,2 m. Nad podstrešjem v osi H so elementi podprti z lepljenima lesenima nosilcema dimenzij b/h = 20/90 cm

Vstop v nov objekt je omogočen preko dveh vhodov na vzhodni strani objekta (vhod v telovadnico in dostop v shrambo orodja), dveh vhodov na zahodni strani (servisni vhod kuhinje in preko jeklenega mostovža v I. nadstropje – prehod na tribuno), preko osrednjega hodnika pa se v vseh treh etažah navezuje na objekt obstoječe šole.

Vertikalna komunikacija z dostopom do vseh etaž poteka v okviru komunikacijskega jedra z osebnim dvigalom in triramnim stopniščem z vmesnimi podesti, ki poteka okoli AB dvigalnega jaška. Stopnišče je speljano tudi do vhoda v obstoječe vkopano zaklonišče, ki se ohranja.
Prostora vzdrževanja (v I. in II. nadstropju med osema 6 in 7) sta povezana z okroglim jeklenim stopniščem.

TEMELJENJE

Za potrebe nameravane gradnje je bil izdelan Geološko-geomehanski elaborat o pogojih temeljenja številka MK-0344/2020, ki ga je za nameravano gradnjo izdelalo podjetje GeoTrias d.o.o. iz Ljubljane (Marko Kočevar u.d.i.geol.). V poročilu je ocenjena nosilnost temeljnih tal oz. projektni odpor tal q_p > 404 kN/m^2. Ob upoštevanju podatkov o podajnosti temeljnih tal je bil izbran modul reakcije tal k = 4 000 kN/m^3.

Objekt bo temeljen na točkovnih AB temeljih dimenzij a/b/h = 500/300/100 cm in a/b/h = 200/200/100 cm pod stebri športne dvorane, ki so povezani s povezovalnimi gredami pod fasado dimenzij b/h = 80/100 cm. Pod AB stenami so predvideni pasovni temelji dimenzij b/h = 80/100. Vrednosti projektne obremenitve temeljnih tal ne presega 285 kN/m^2.(δ_{MSU} = 205 kN/m^2).

Vse izkope za temelje mora obvezno pregledati in prevzeti pooblaščeni inženir - geomehanik. V kolikor tla ne odgovarjajo zahtevam projekta, mora podati nov način temeljenja oziroma nove zahteve projektantu konstrukcije.

RAČUNSKI MODEL

Za dimenzioniranje so bili izdelani ravninski in prostorski računski modeli s programom za računanje konstrukcij Tower 6, kjer je bila upoštevana predvidena geometrija.

Pri izračunu so bili upoštevani naslednji obtežni primeri:

- g … lastna teža konstrukcije in stalna obtežba,
- p … koristna obt. (podstrešje = 2,0 kN/m^2
  strojnica, arhiv = 7,5 kN/m^2,
  mala telovadnica, tribune = 5,0 kN/m^2
  pisarne, učilnice B, C1 = 3,0 kN/m^2 + pred. stene 0,5 kN/m^2,
  dvorane kategorija C4 = 5,0 kN/m^2,
  sneg na strehi cona A2, 380 m n.m.v.; s_k = 1,65 kN/m^2
  veter cona 1, h=16,0 m, III. kat.;)
- q_x, ... potresna obtežba (projektni pospešek $_{ag}$ = 0,20 g; tip tal D)

in ustrezne kombinacije.

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Za dimenzioniranje je bila privzeta naslednja kvaliteta vgrajenega materiala:

Beton:	C25/30; C30/37
Armatura:	B 500
Lepljen lameliran les	GL28c
Konstrukcijsko jeklo	S 235

Zahteva se stalen strokovni nadzor. Izvajalec je pred pričetkom del dolžan pripraviti program tekoče kontrole, ki mora predpisovati vrsto in pogostost preiskav. Program potrdi tehnična služba investitorja ali nadzora.

Armiranobetonska konstrukcija se mora izvajati v skladu s standardom SIST EN 13670, medtem ko mora biti betonska mešanica v skladu s SIST EN 206-1 in SIST 1026.

Pred pričetkom del na objektu je treba pripraviti projekt betona, ki mora upoštevati veljavne standarde in tehnične normative.

V primeru kakršnih koli odstopanj, od projektnih rešitev, se je potrebno predhodno posvetovati s projektantom gradbenih konstrukcij.

Delavniško dokumentacijo lesenih strešnih panelov, vključno z izračuni in detajli izdela izvajalec/dobavitelj elementov.

Pred betoniranjem AB stebrov v oseh A in D je potrebno vgraditi jeklena ležišča po detajlu izbranega dobavitelja lesenih nosilcev.

Delavniško dokumentacijo za izvedbo jeklene konstrukcije izdela izvajalec jeklene konstrukcije in jo preda v pregled in potrditev projektantu! Geometrija in dimenzije jeklene konstrukcije so podane v PZI načrtu arhitekture.

Janko Mele, u.d.i.g.

Simon Kogoj, u.d.i.g.

Vrhnika, november 2020.

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STATIČNI RAČUN

INVESTITOR: OBČINA MORAVČE
Vegova ulica 9, 1251 Moravče

OBJEKT: DOZIDAVA IN REKONSTRUKCIJA
OŠ JURIJA VEGE MORAVČE

Vrhnika, november 2020

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- Seizmični preračun 43
- Dimenzioniranje (beton) 54

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STENASTI NOSILEC V OSI H 199

Osnovni podatki o modelu

Datoteka:	OŠ Moravče 14 pop OS potres.twp
Datum preračuna:	27.11.2020

Način preračuna: 3D model

- [X] Teorija I-ga reda
- [X] Modalna analiza
- [ ] Stabilnost
- [ ] Teorija II-ga reda
- [X] Seizmični preračun
- [ ] Faze gradnje
- [ ] Nelinearen preračun

Velikost modela

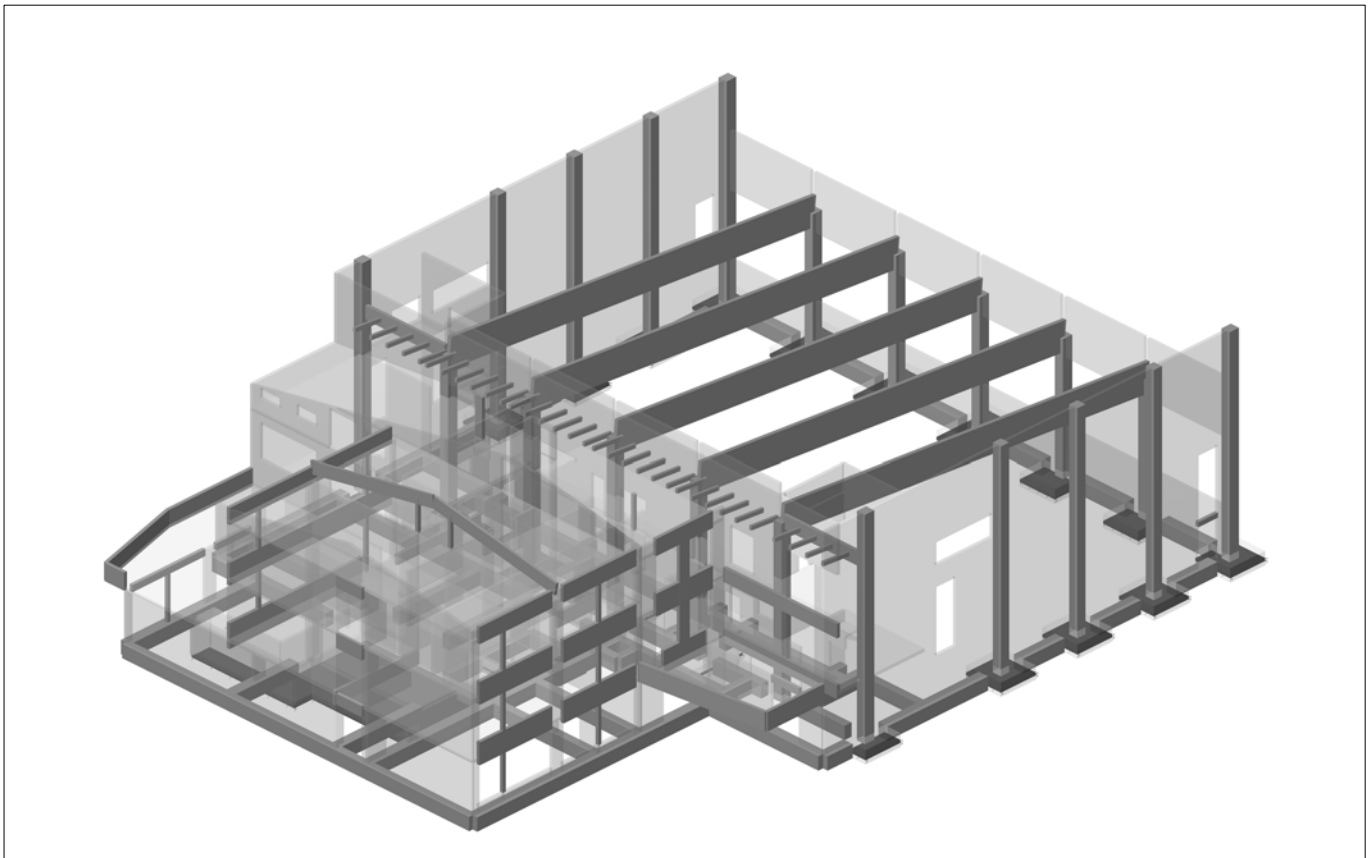
Število vozlišč:	11274
Število ploskovnih elementov:	9983
Število grednih elementov	1109
Število robnih elementov	8205
Število osnovnih obtežnih primerov:	4
Število kombinacij obtežb:	10

Enote mer

Dolžina:	m [cm,mm]
Sila:	kN
Temperatura:	Celsius

Vhodni podatki - Konstrukcija

PRIZIDEK OŠ MORAVČE



Izometrija

Tabele materialov

No	Naziv materiala	E[kN/m2]	μ	γ[kN/m3]	αt[1/C]	Em[kN/m2]	μm
1	C 25/30	3.100e+7	0.20	25.00	1.000e-5	3.100e+7	0.20
2	C 25/30	3.100e+7	0.20	0.00	1.000e-5	3.100e+7	0.20
3	Les-Iglavci-Lamelirani	1.100e+7	0.20	5.00	1.000e-5	1.100e+7	0.20

Seti plošč

No	d[m]	e[m]	Material	Tip preračuna	Ortotropija	E2[kN/m2]	G[kN/m2]	α
<1>	1.000	0.500	1	Tanka plošča	Izotropna			
<2>	0.400	0.200	1	Tanka plošča	Izotropna			
<3>	0.300	0.150	1	Tanka plošča	Izotropna			
<4>	0.250	0.125	1	Tanka plošča	Izotropna			
<5>	0.700	0.350	2	Tanka plošča	Izotropna			
<6>	0.400	0.200	1	Tanka plošča	Izotropna			
<7>	0.200	0.100	1	Tanka plošča	Izotropna			
<9>	0.250	0.125	1	Tanka plošča	Izotropna			
<10>	0.300	0.150	1	Tanka plošča	Izotropna			
<11>	0.220	0.110	1	Tanka plošča	Izotropna			

Seti površinskih podpor

Set	K,R1	K,R2	K,R3
1	1.000e+10	4.000e+3	4.000e+3

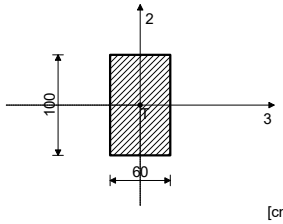
Seti linijskih podpor

Set	K,R1	K,R2	K,R3	K,M1	Tla [m]
1	1.000e+10	4.000e+3	4.000e+3		0.600
2	1.000e+10	4.000e+3	4.000e+3		0.800

Seti gred

Set: 1 Prerez: b/d=60/100, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	6.000e-1	5.000e-1	5.000e-1	4.508e-2	1.800e-2	5.000e-2

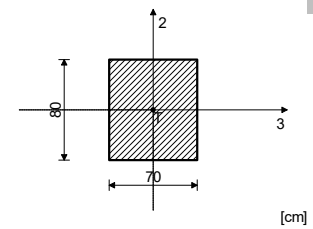


[cm]

Vhodni podatki - Konstrukcija

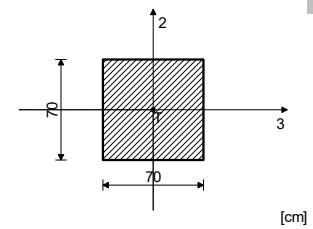
Set: 2 Prerez: b/d=70/80, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	5.600e-1	4.667e-1	4.667e-1	4.351e-2	2.287e-2	2.987e-2



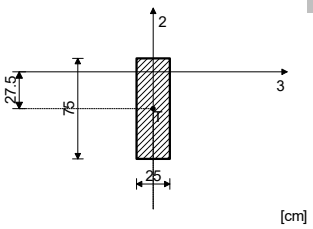
Set: 3 Prerez: b/d=70/70, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	4.900e-1	4.083e-1	4.083e-1	3.381e-2	2.001e-2	2.001e-2



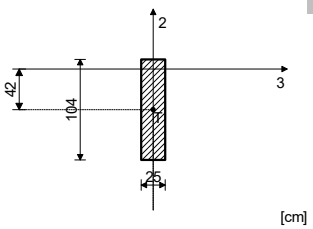
Set: 4 Prerez: b/d=25/75, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	1.875e-1	1.563e-1	1.563e-1	3.087e-3	9.766e-4	8.789e-3



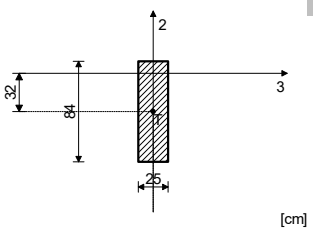
Set: 5 Prerez: b/d=25/104, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	2.600e-1	2.167e-1	2.167e-1	4.597e-3	1.354e-3	2.343e-2



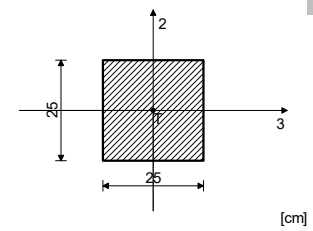
Set: 6 Prerez: b/d=25/84, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	2.100e-1	1.750e-1	1.750e-1	3.555e-3	1.094e-3	1.235e-2



Set: 7 Prerez: b/d=25/25, Fiktivna ekscentričnost

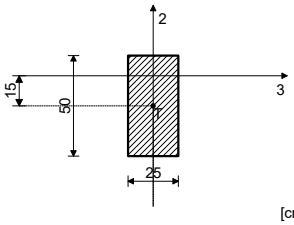
Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	6.250e-2	5.208e-2	5.208e-2	5.501e-4	3.255e-4	3.255e-4



Vhodni podatki - Konstrukcija

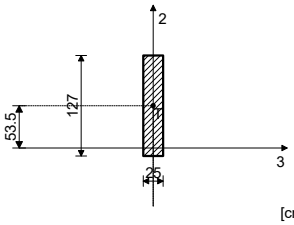
Set: 8 Prerez: b/d=25/50, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	1.250e-1	1.042e-1	1.042e-1	1.788e-3	6.510e-4	2.604e-3



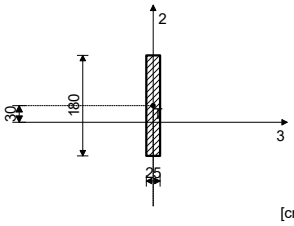
Set: 9 Prerez: b/d=25/127, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	3.175e-1	2.646e-1	2.646e-1	5.794e-3	1.654e-3	4.267e-2



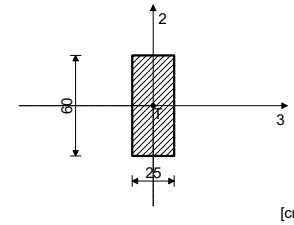
Set: 12 Prerez: b/d=25/180, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	4.500e-1	3.750e-1	3.750e-1	8.555e-3	2.344e-3	1.215e-1



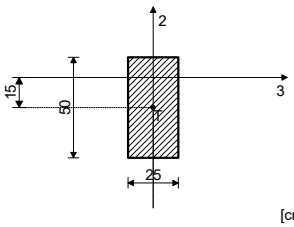
Set: 14 Prerez: b/d=25/60, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	1.500e-1	1.250e-1	1.250e-1	2.307e-3	7.812e-4	4.500e-3



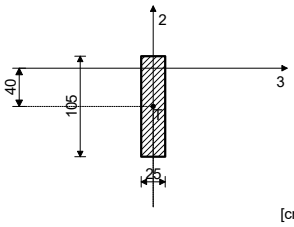
Set: 15 Prerez: b/d=25/50, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	1.250e-1	1.042e-1	1.042e-1	1.788e-3	6.510e-4	2.604e-3



Set: 16 Prerez: b/d=25/105, Fiktivna ekscentričnost

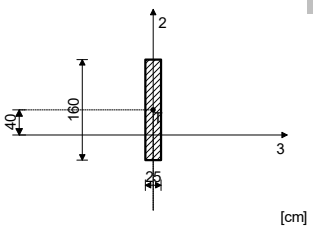
Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	2.625e-1	2.188e-1	2.188e-1	4.649e-3	1.367e-3	2.412e-2



Vhodni podatki - Konstrukcija

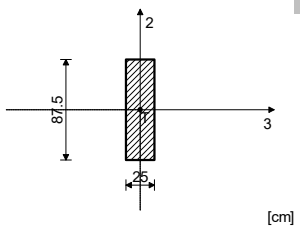
Set: 17 Prerez: b/d=25/160, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	4.000e-1	3.333e-1	3.333e-1	7.513e-3	2.083e-3	8.533e-2



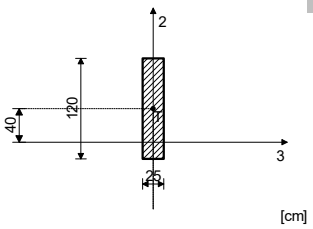
Set: 18 Prerez: b/d=25/87.5, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	2.188e-1	1.823e-1	1.823e-1	3.737e-3	1.139e-3	1.396e-2



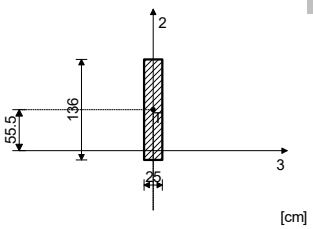
Set: 19 Prerez: b/d=25/120, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	3.000e-1	2.500e-1	2.500e-1	5.430e-3	1.562e-3	3.600e-2



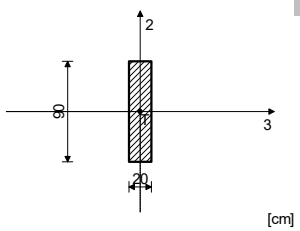
Set: 20 Prerez: b/d=25/136, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	3.400e-1	2.833e-1	2.833e-1	6.263e-3	1.771e-3	5.241e-2



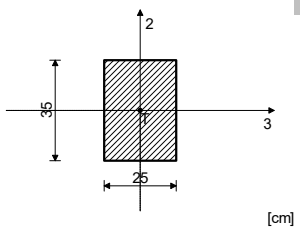
Set: 21 Prerez: b/d=20/90, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
3 - Les-Iglavci-L...	1.800e-1	1.500e-1	1.500e-1	2.064e-3	6.000e-4	1.215e-2



Set: 22 Prerez: b/d=25/35, Fiktivna ekscentričnost

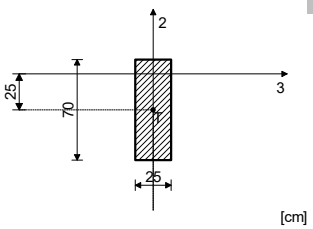
Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	8.750e-2	7.292e-2	7.292e-2	1.020e-3	4.557e-4	8.932e-4



Vhodni podatki - Konstrukcija

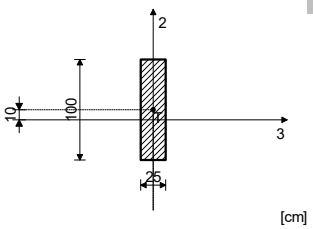
Set: 23 Prerez: b/d=25/70, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	1.750e-1	1.458e-1	1.458e-1	2.827e-3	9.115e-4	7.146e-3



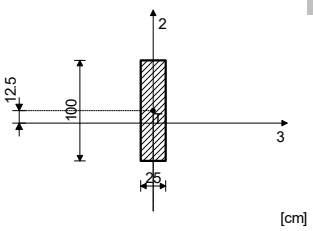
Set: 24 Prerez: b/d=25/100, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	2.500e-1	2.083e-1	2.083e-1	4.388e-3	1.302e-3	2.083e-2



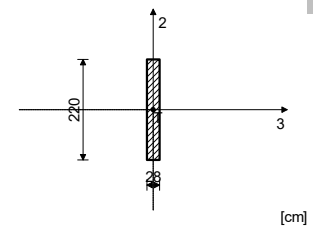
Set: 25 Prerez: b/d=25/100, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	2.500e-1	2.083e-1	2.083e-1	4.388e-3	1.302e-3	2.083e-2



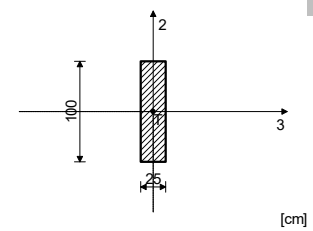
Set: 26 Prerez: b/d=28/220, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
3 - Les-Iglavci-L...	6.160e-1	5.133e-1	5.133e-1	1.481e-2	4.025e-3	2.485e-1



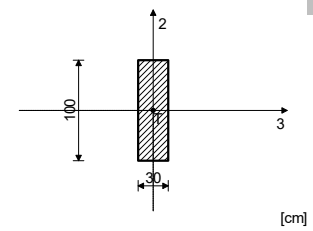
Set: 27 Prerez: b/d=25/100, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	2.500e-1	2.083e-1	2.083e-1	4.388e-3	1.302e-3	2.083e-2



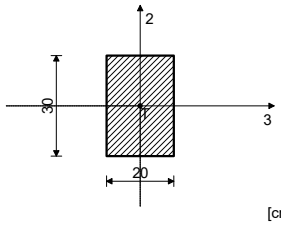
Set: 28 Prerez: b/d=30/100, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	3.000e-1	2.500e-1	2.500e-1	7.300e-3	2.250e-3	2.500e-2



Vhodni podatki - Konstrukcija

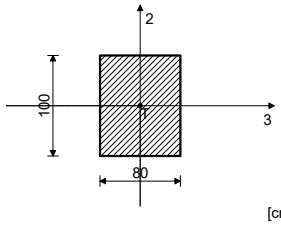
Set: 29 Prerez: b/d=20/30, Fiktivna ekscentričnost



[cm]

Mat.	A1	A2	A3	I1	I2	I3
3 - Les-Iglavci-L...	6.000e-2	5.000e-2	5.000e-2	4.695e-4	2.000e-4	4.500e-4

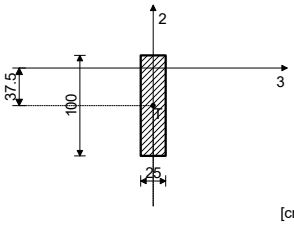
Set: 30 Prerez: b/d=80/100, Fiktivna ekscentričnost



[cm]

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	8.000e-1	6.667e-1	6.667e-1	8.759e-2	4.267e-2	6.667e-2

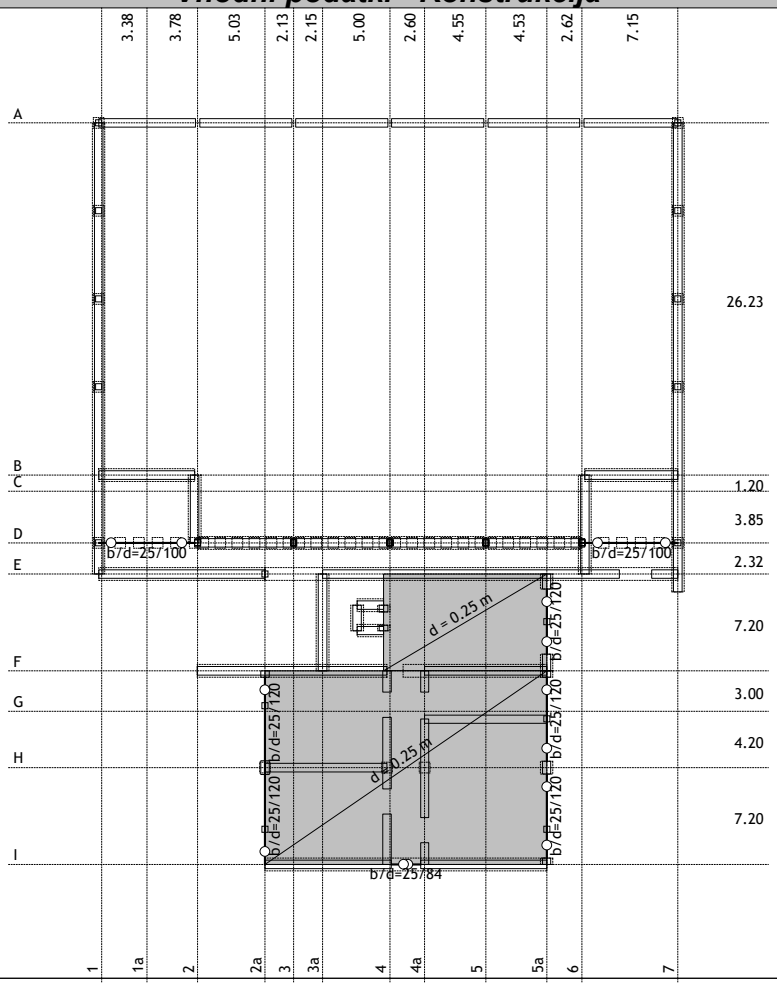
Set: 31 Prerez: b/d=25/100, Fiktivna ekscentričnost



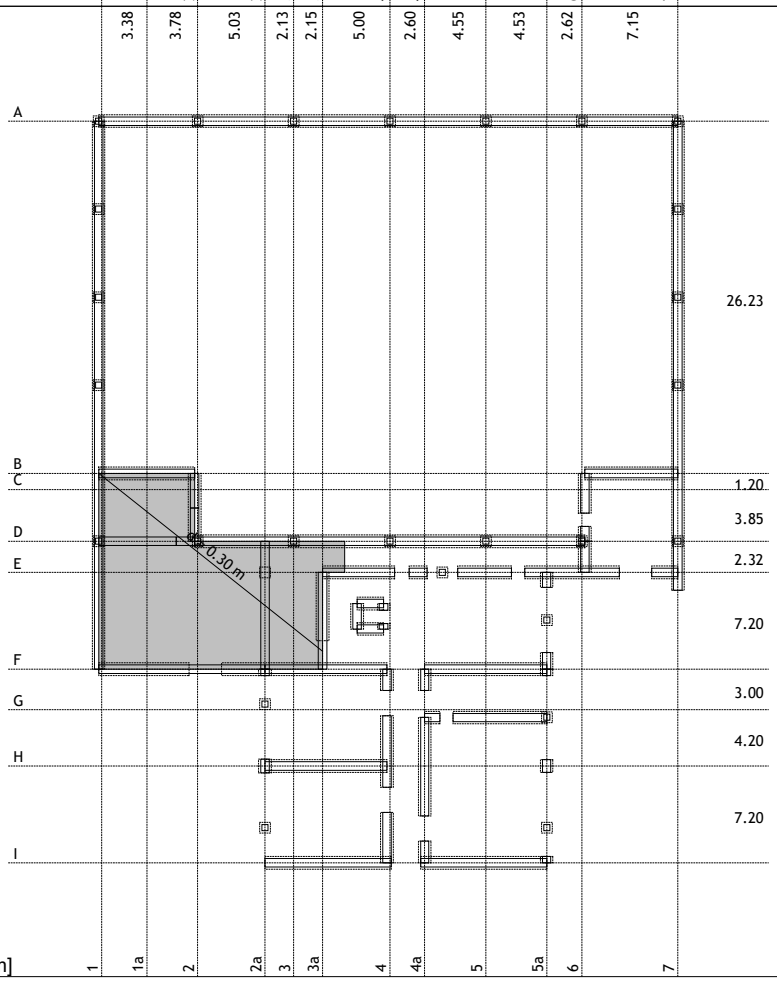
[cm]

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	2.500e-1	2.083e-1	2.083e-1	4.388e-3	1.302e-3	2.083e-2

Vhodni podatki - Konstrukcija

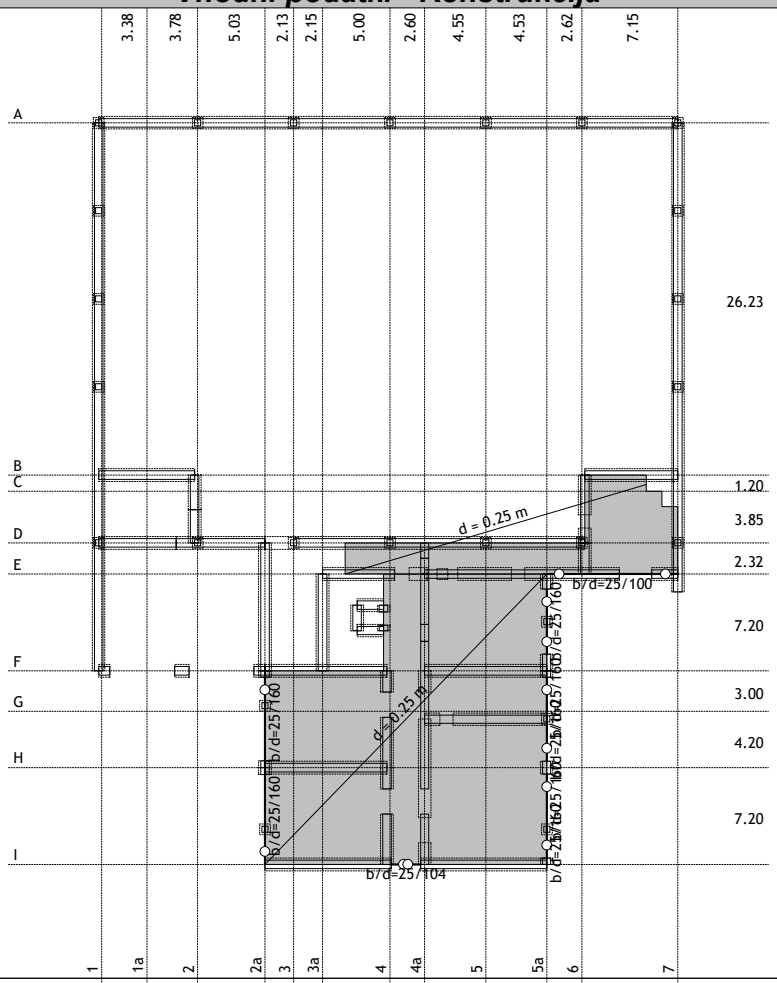


Nivo: nad II.NAD [12.35 m]

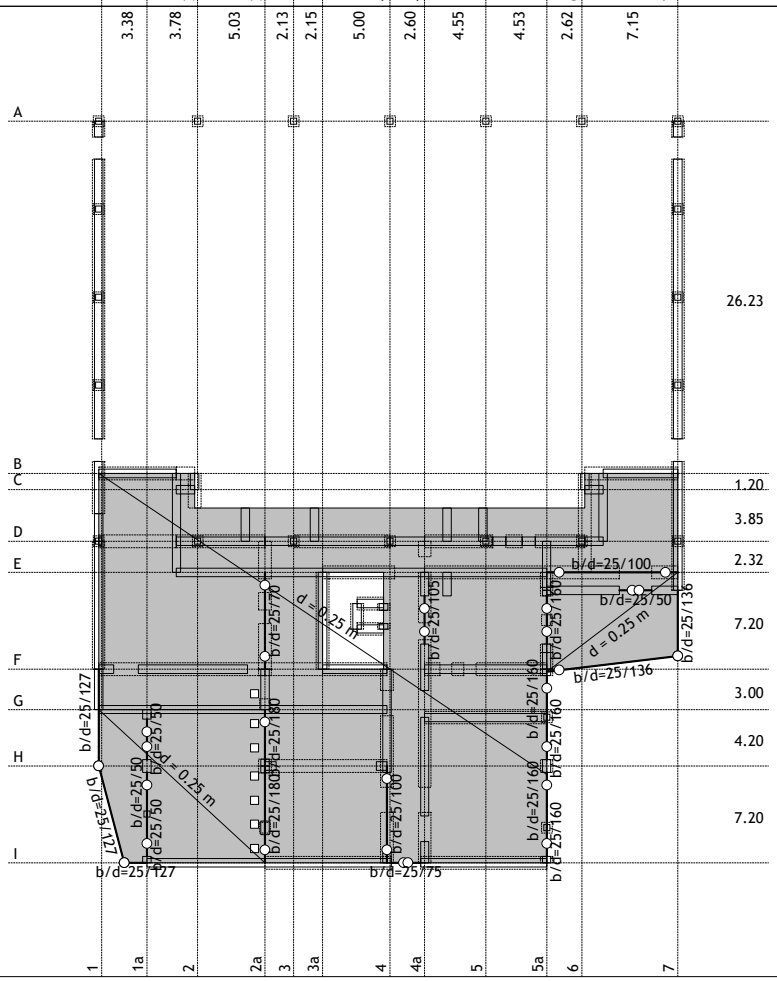


Nivo: nad I.NAD dvorana [9.30 m]

Vhodni podatki - Konstrukcija

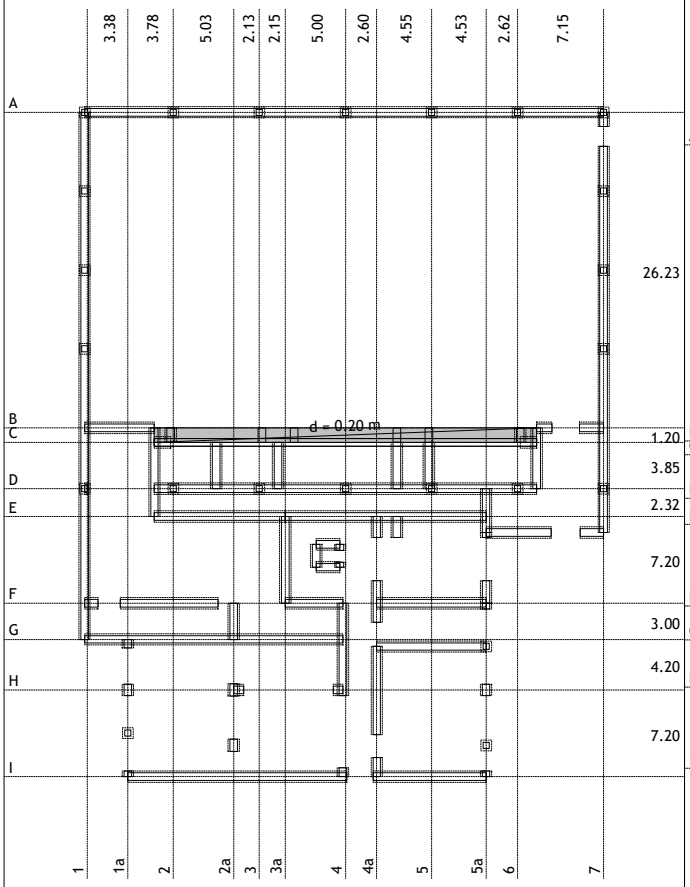


Nivo: nad I.NAD [8.30 m]

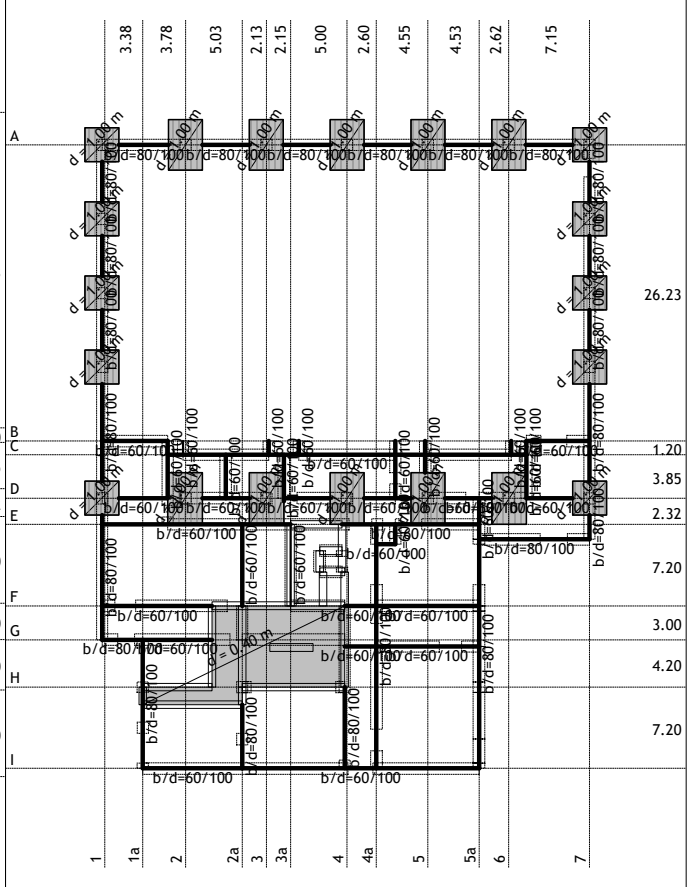


Nivo: nad PT [4.05 m]

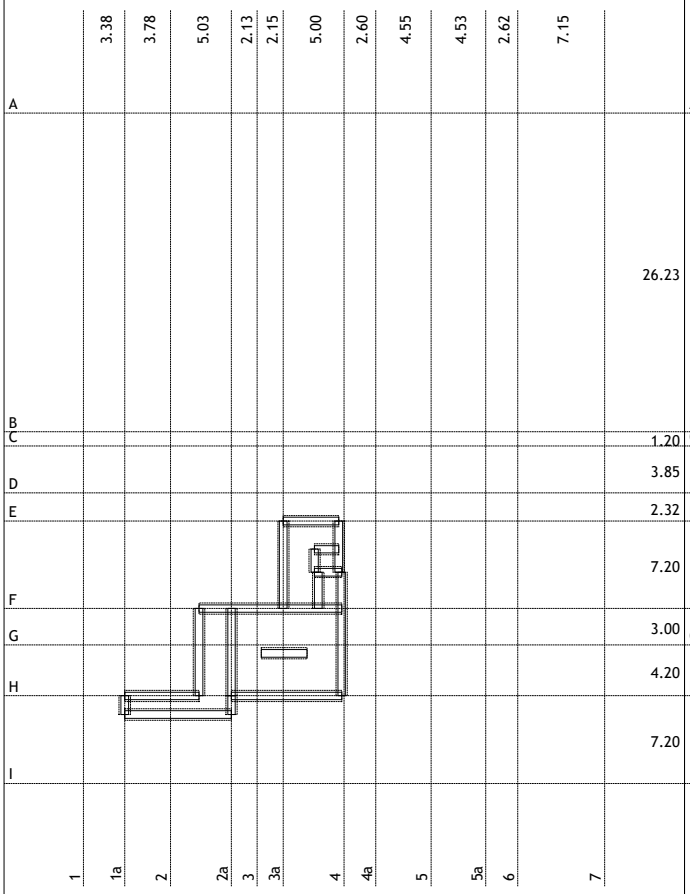
Vhodni podatki - Konstrukcija



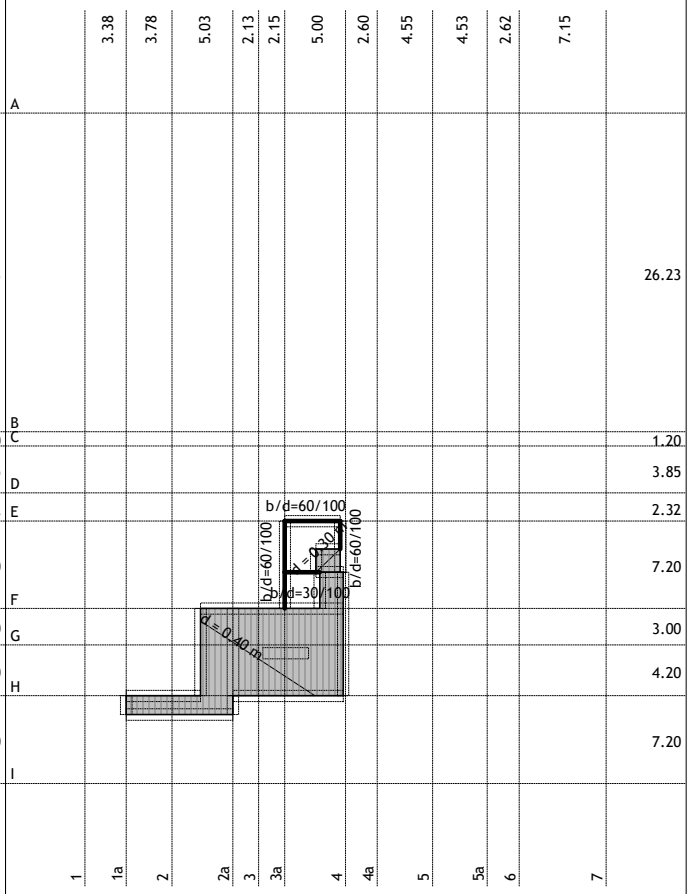
Nivo: tribune [3.20 m]



Nivo: temelji [-0.20 m]

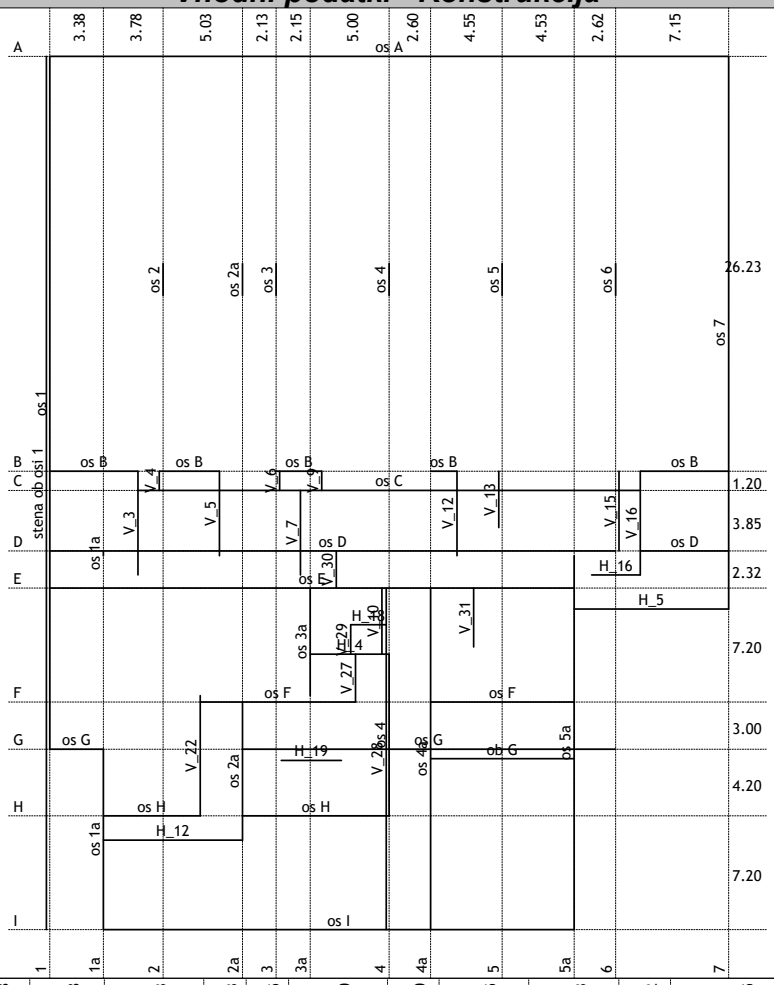


Nivo: temelji os A [-1.40 m]

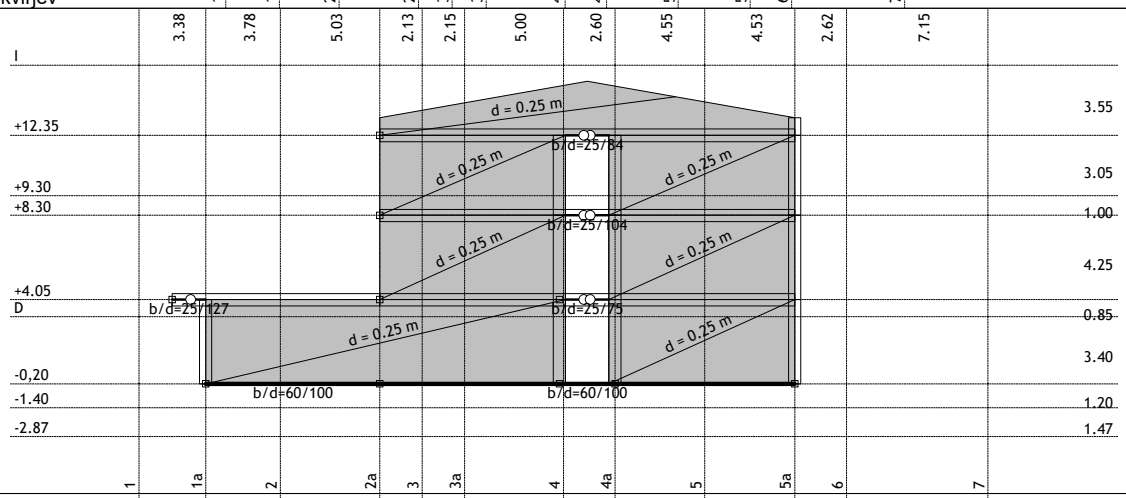


Nivo: temelji zaklonišča [-2.87 m]

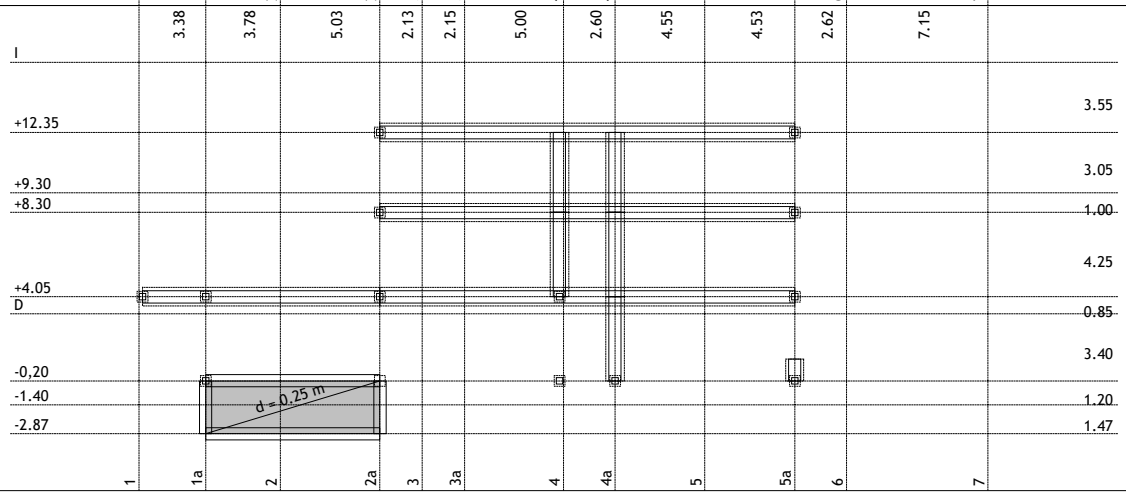
Vhodni podatki - Konstrukcija



Dispozicija okvirjev

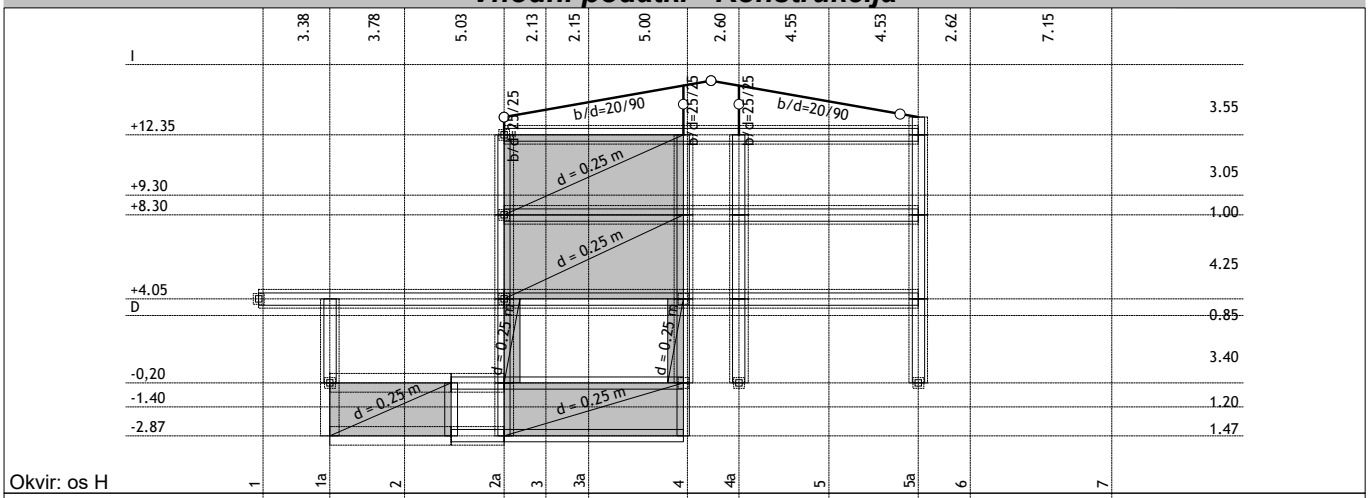


Okvir: os I

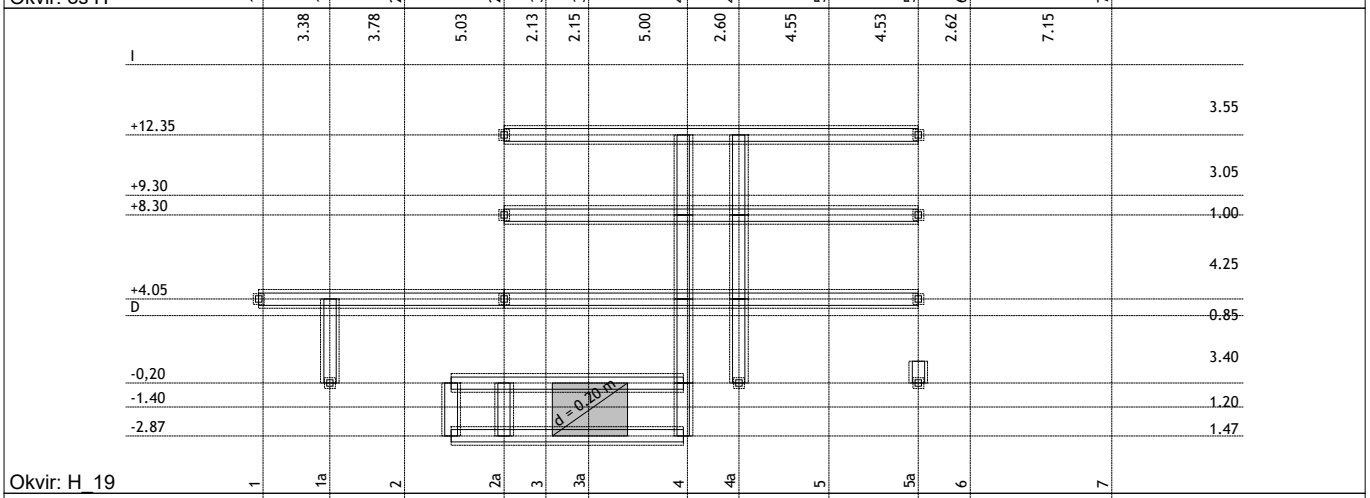


Okvir: H_12

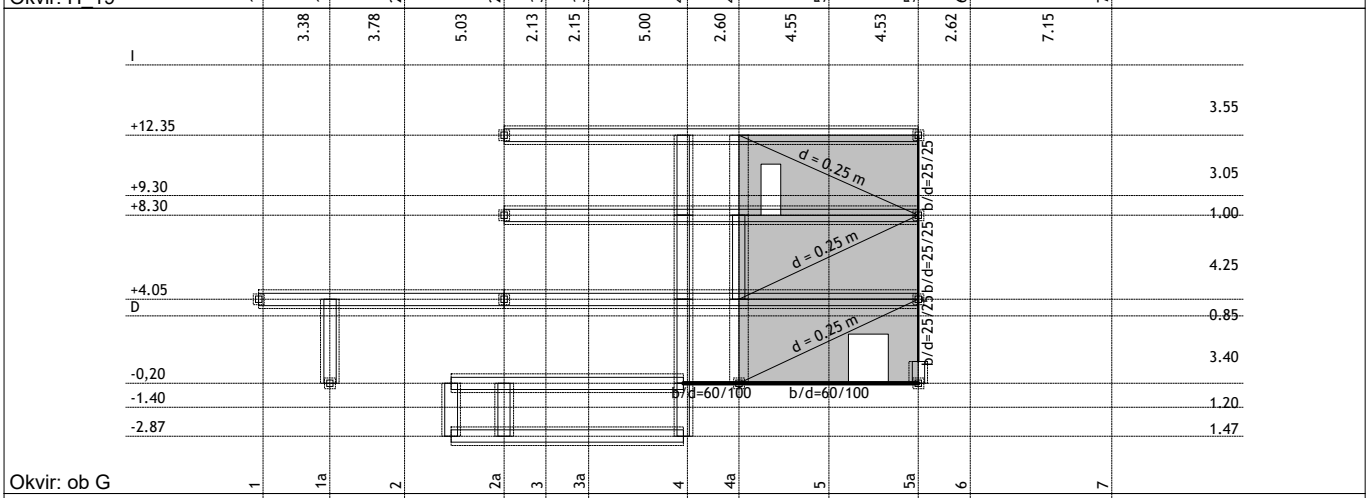
Vhodni podatki - Konstrukcija



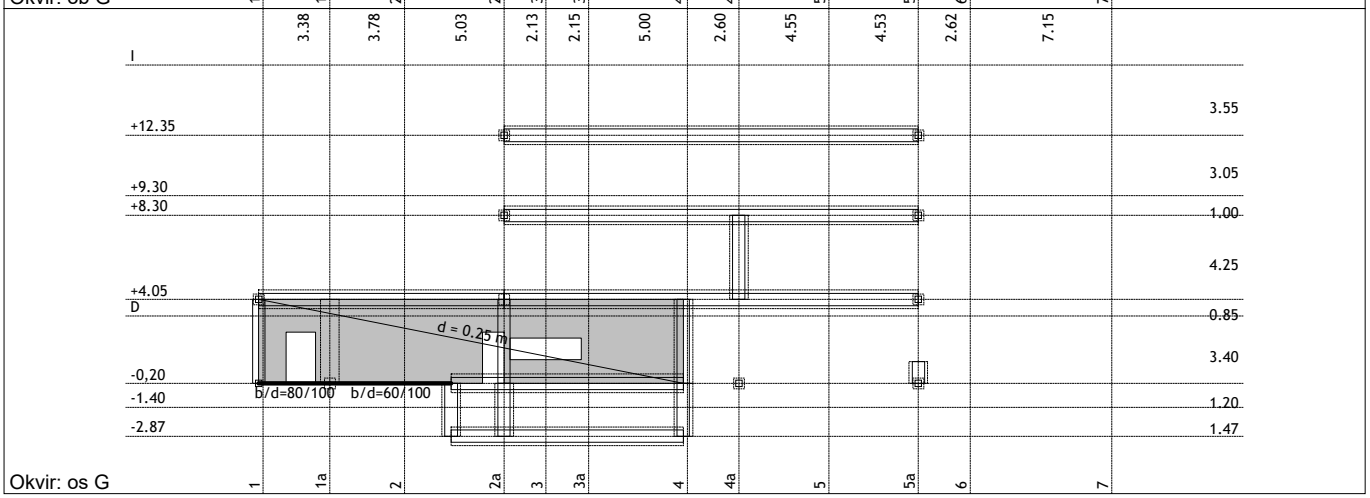
Okvir: os H



Okvir: H_19

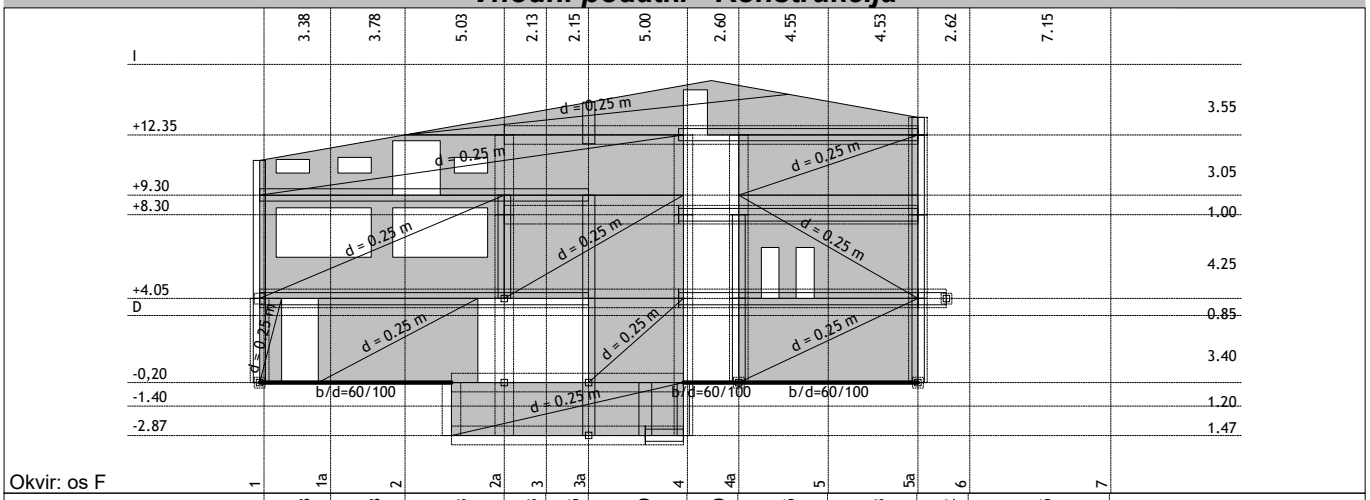


Okvir: ob G

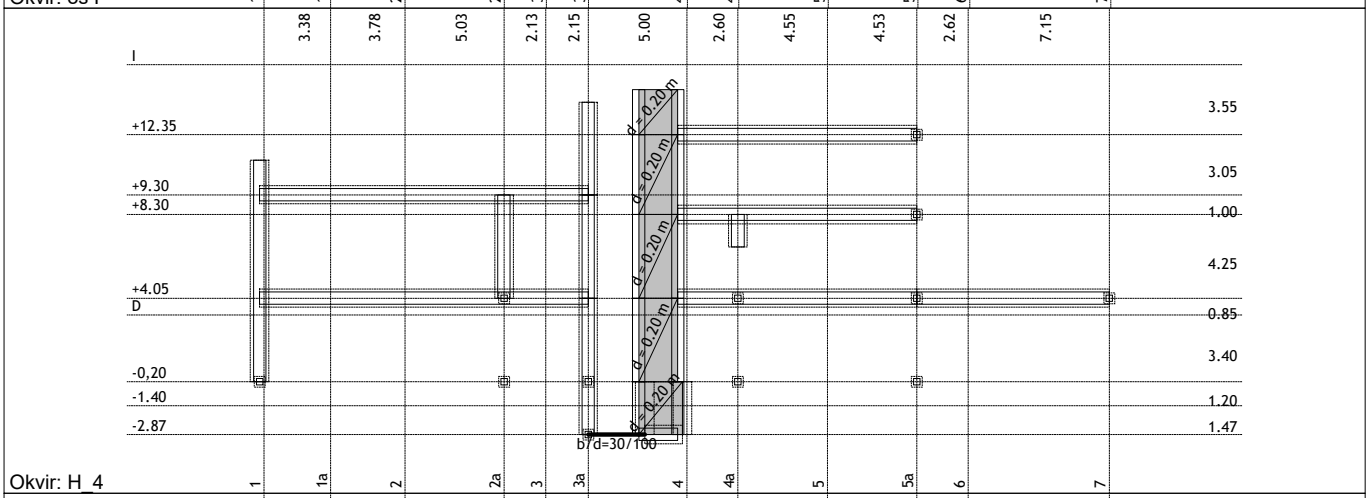


Okvir: os G

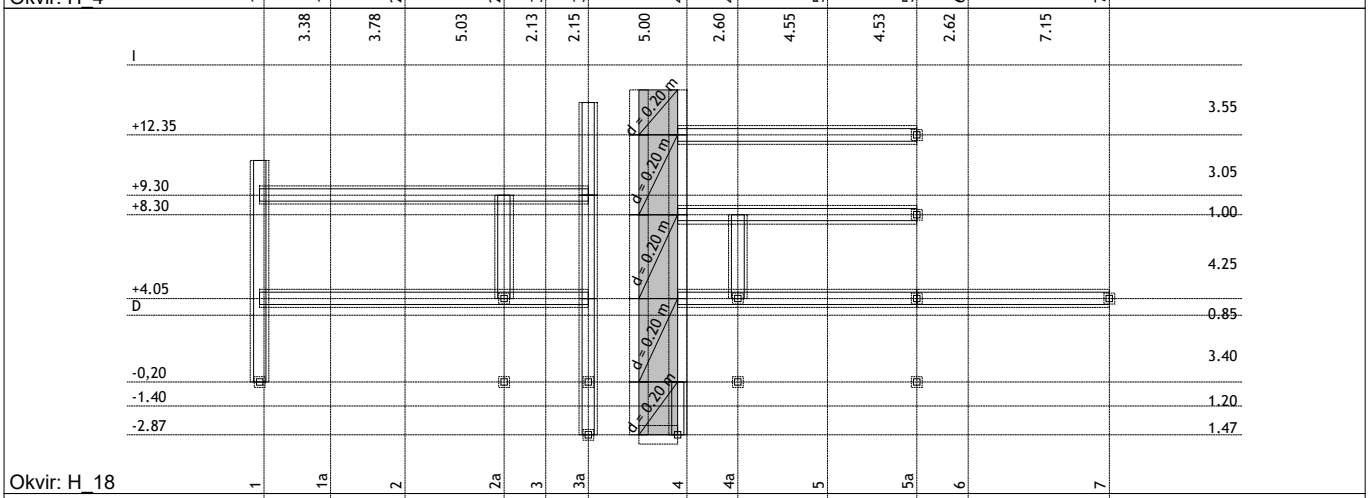
Vhodni podatki - Konstrukcija



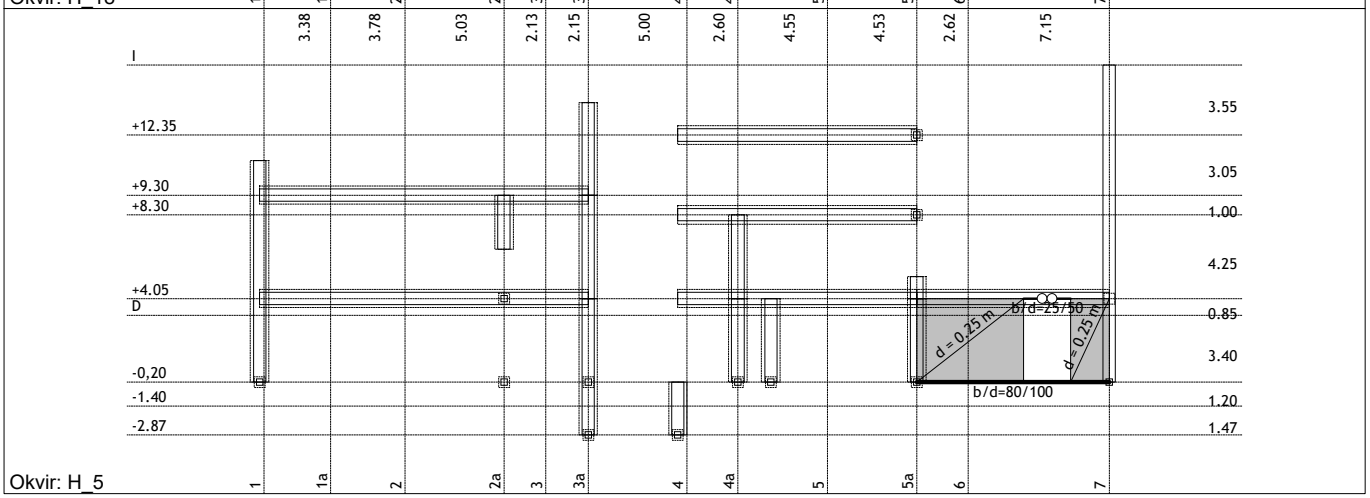
Okvir: os F



Okvir: H_4

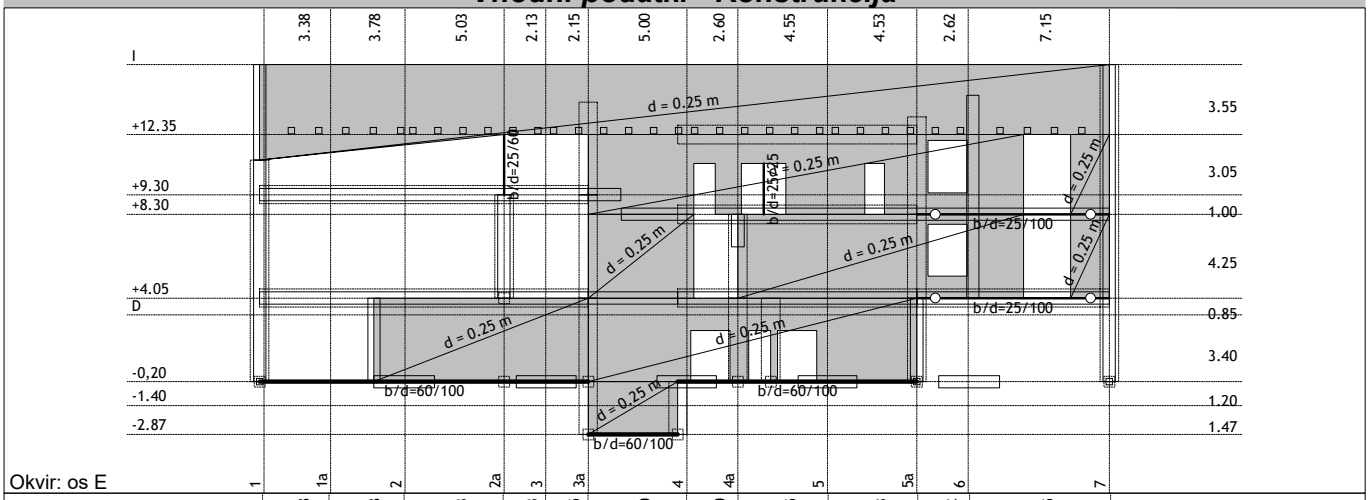


Okvir: H_18

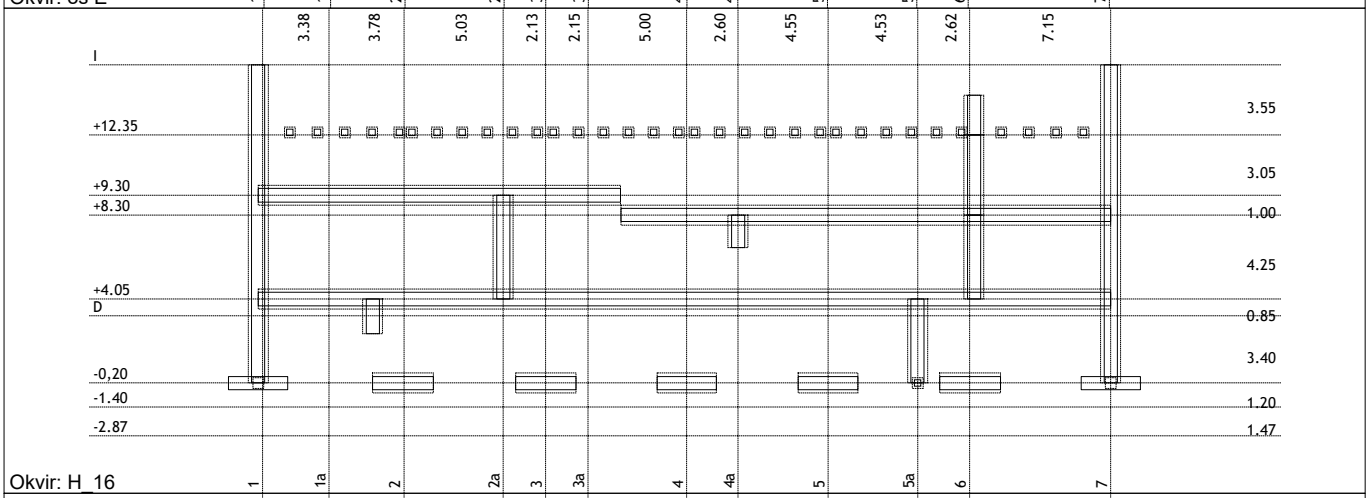


Okvir: H_5

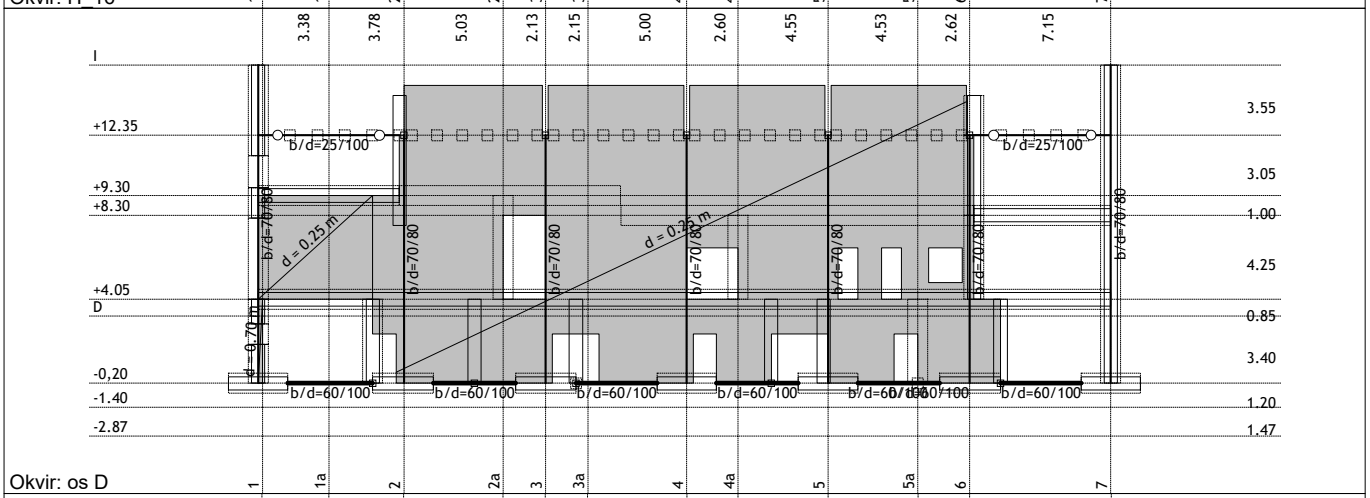
Vhodni podatki - Konstrukcija



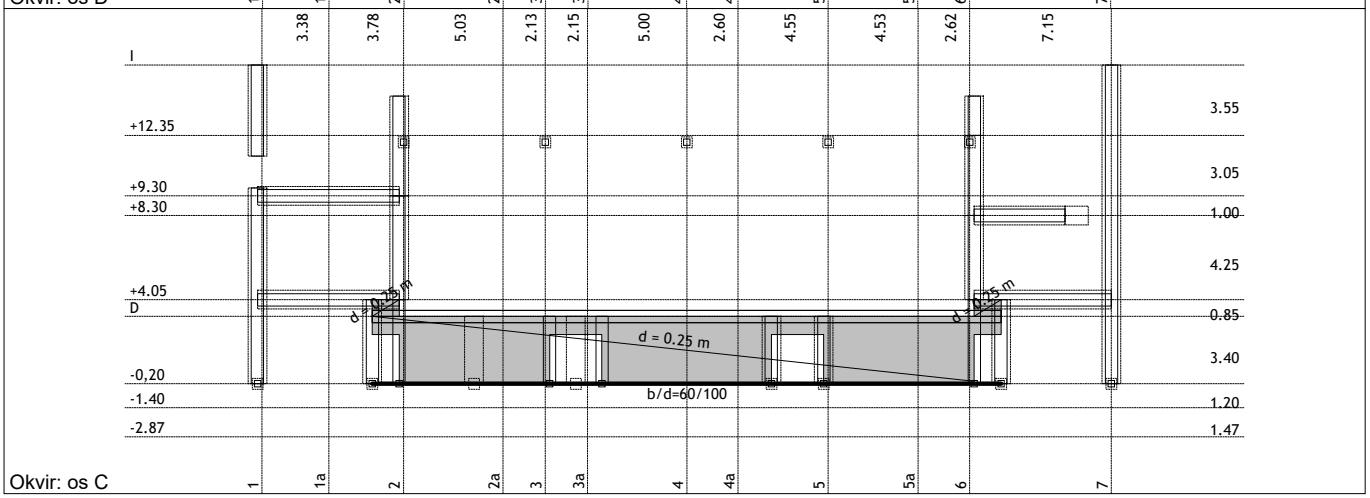
Okvir: os E



Okvir: H_16

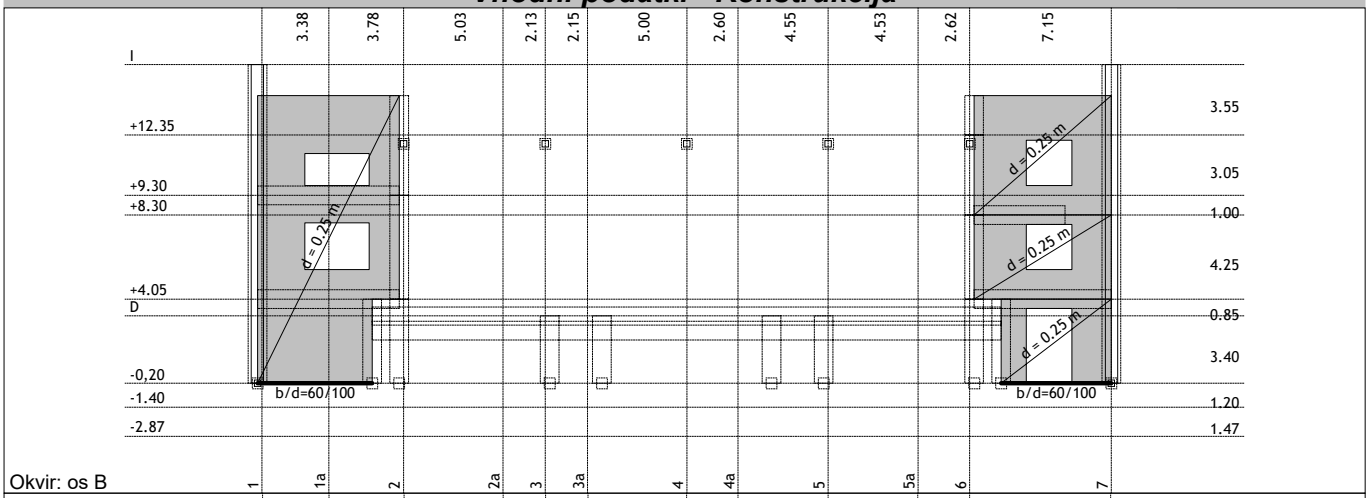


Okvir: os D

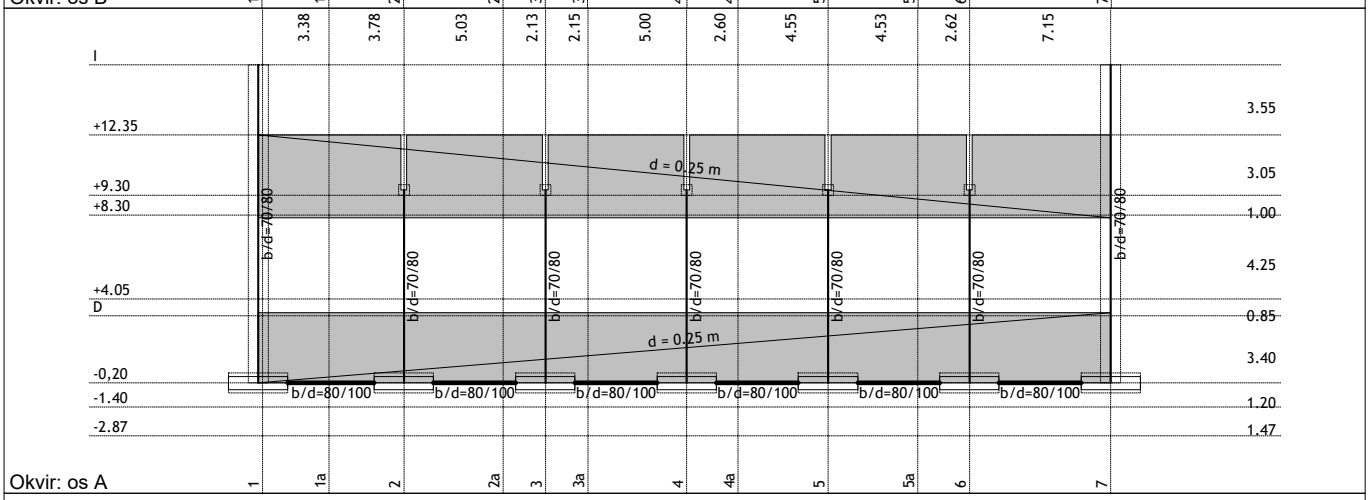


Okvir: os C

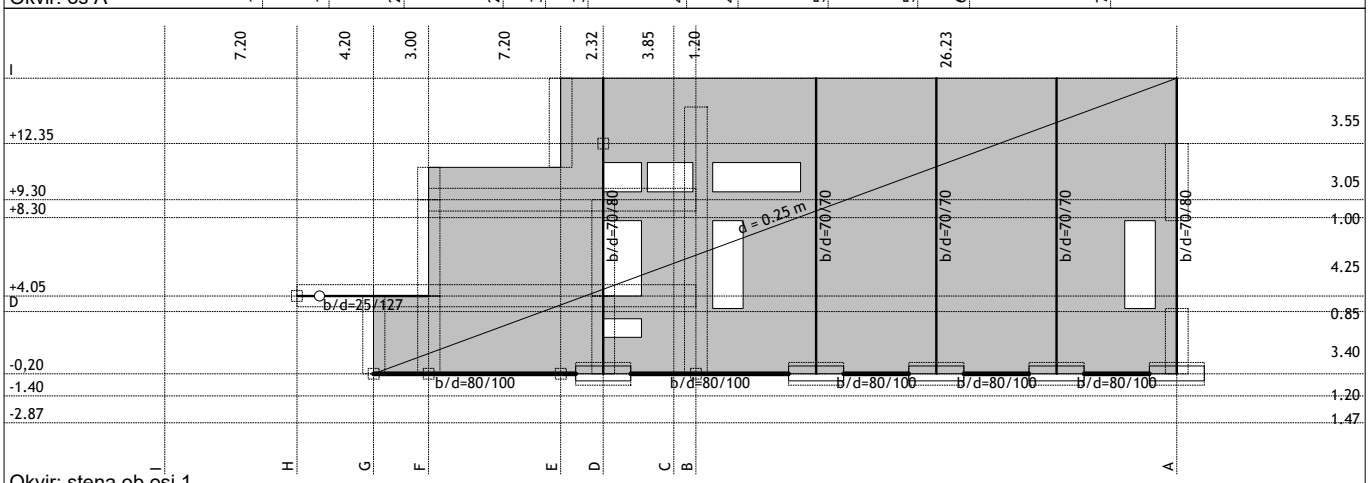
Vhodni podatki - Konstrukcija



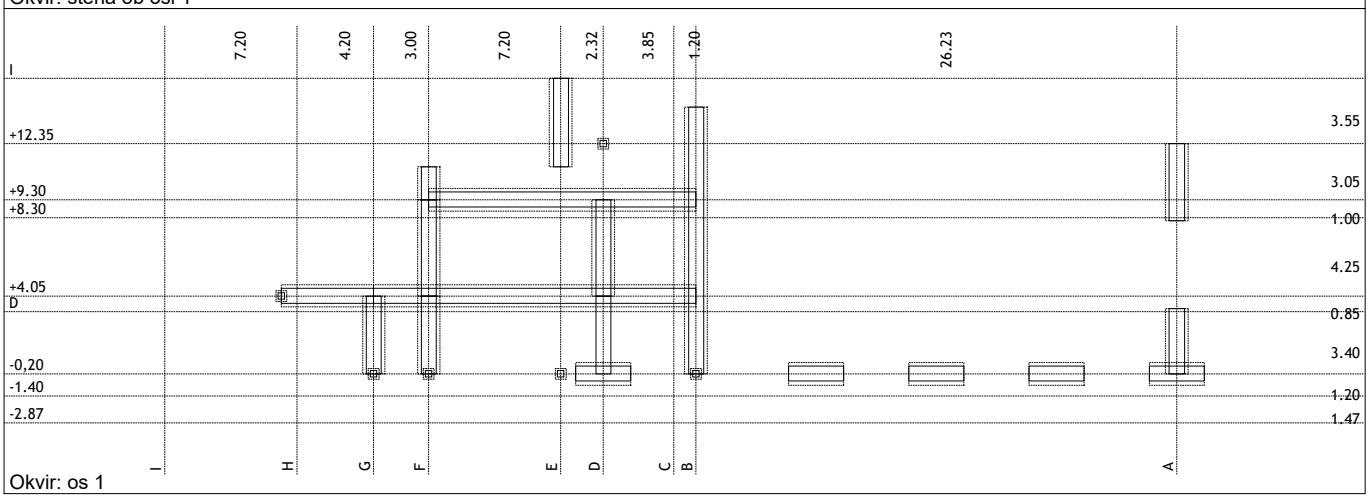
Okvir: os B



Okvir: os A

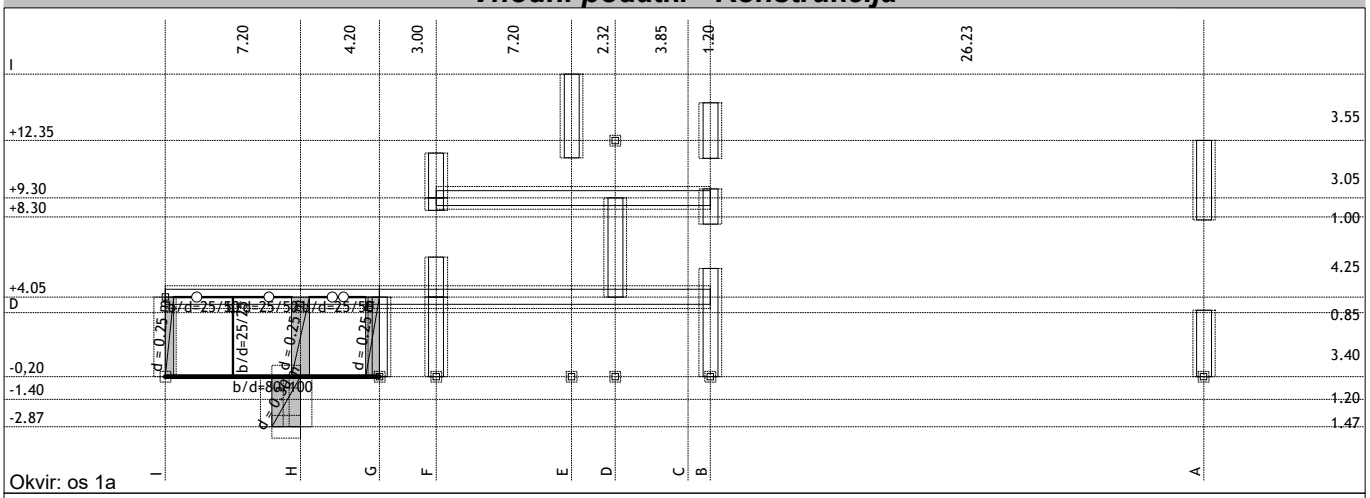


Okvir: stena ob osi 1

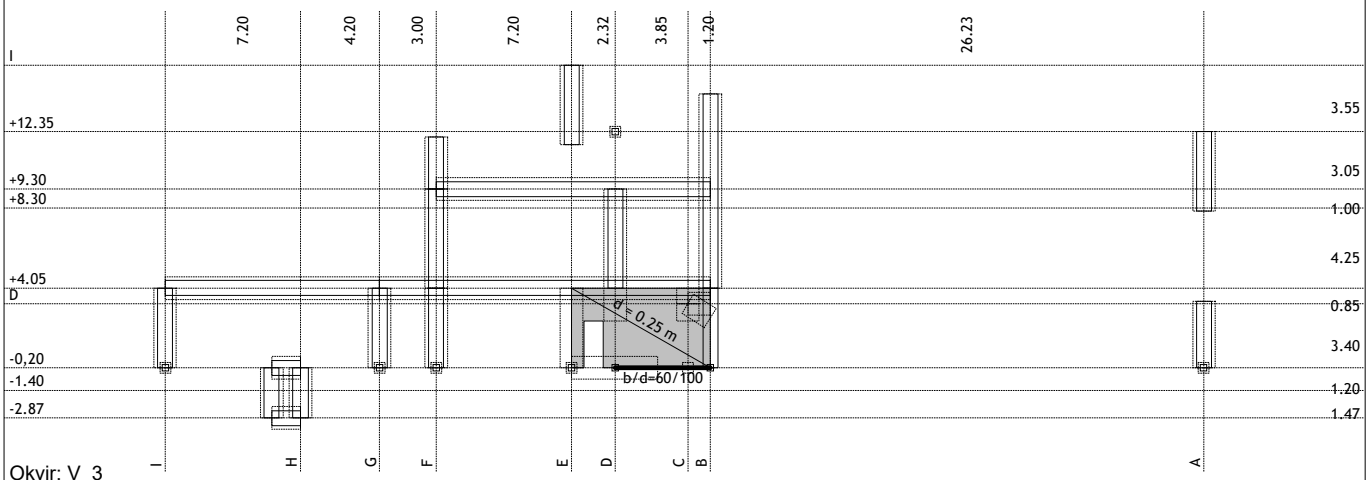


Okvir: os 1

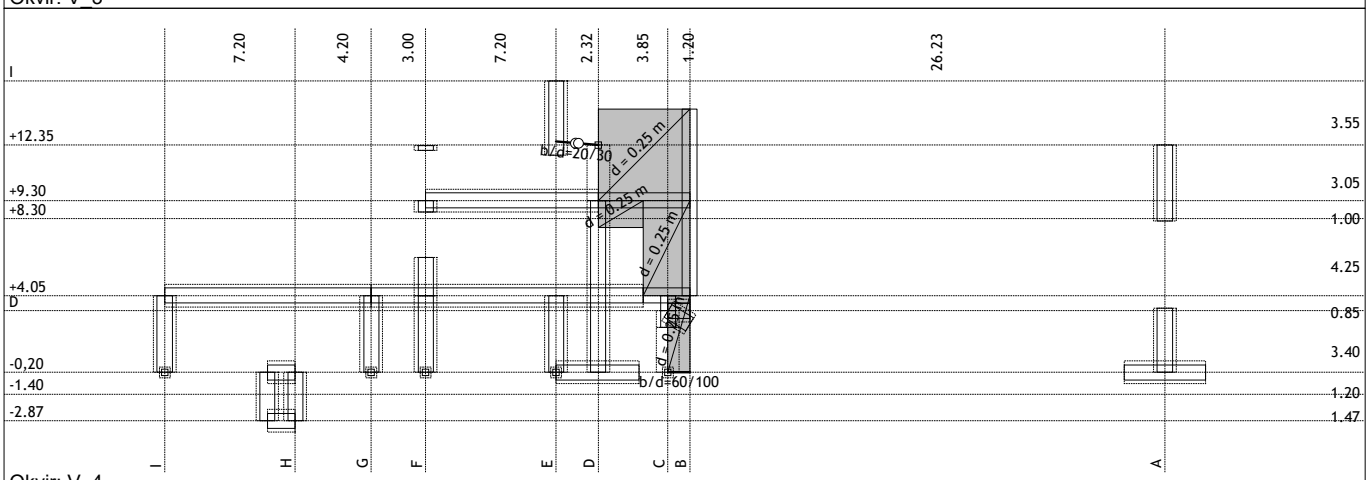
Vhodni podatki - Konstrukcija



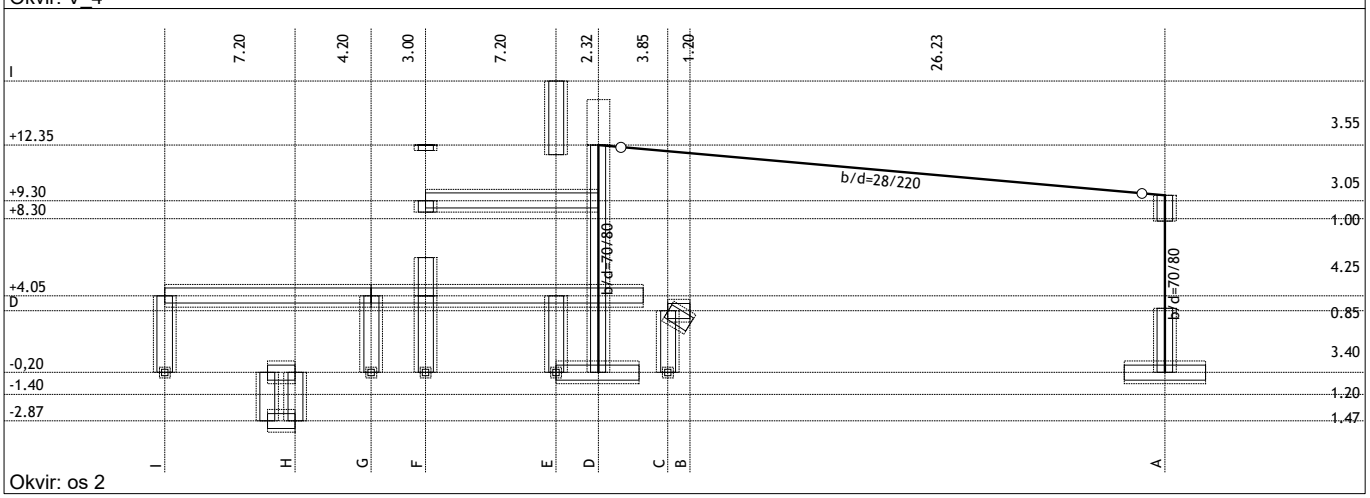
Okvir: os 1a



Okvir: V_3

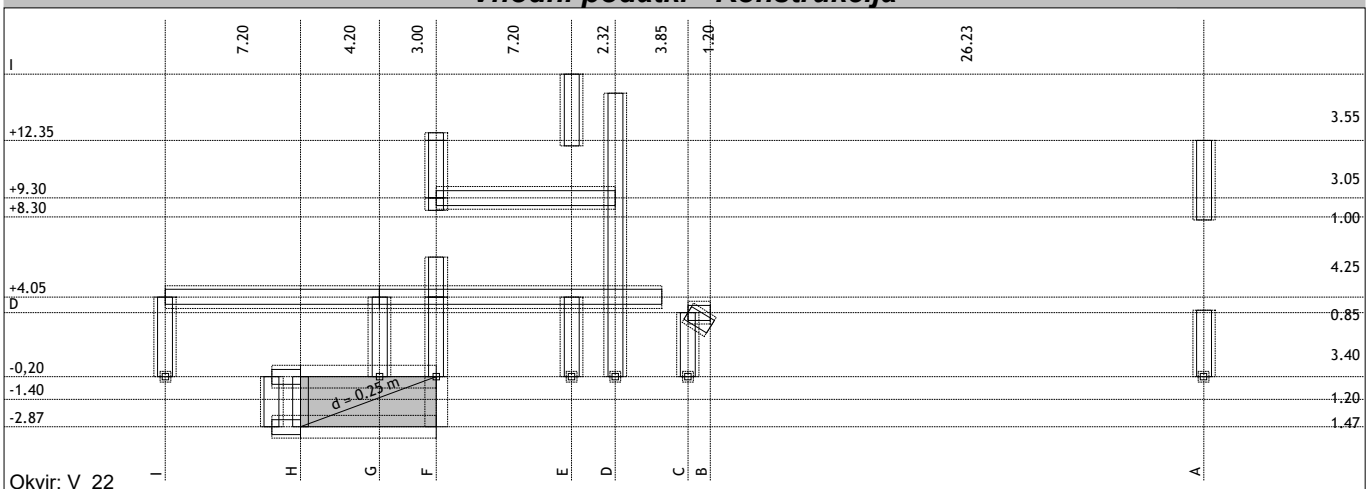


Okvir: V_4

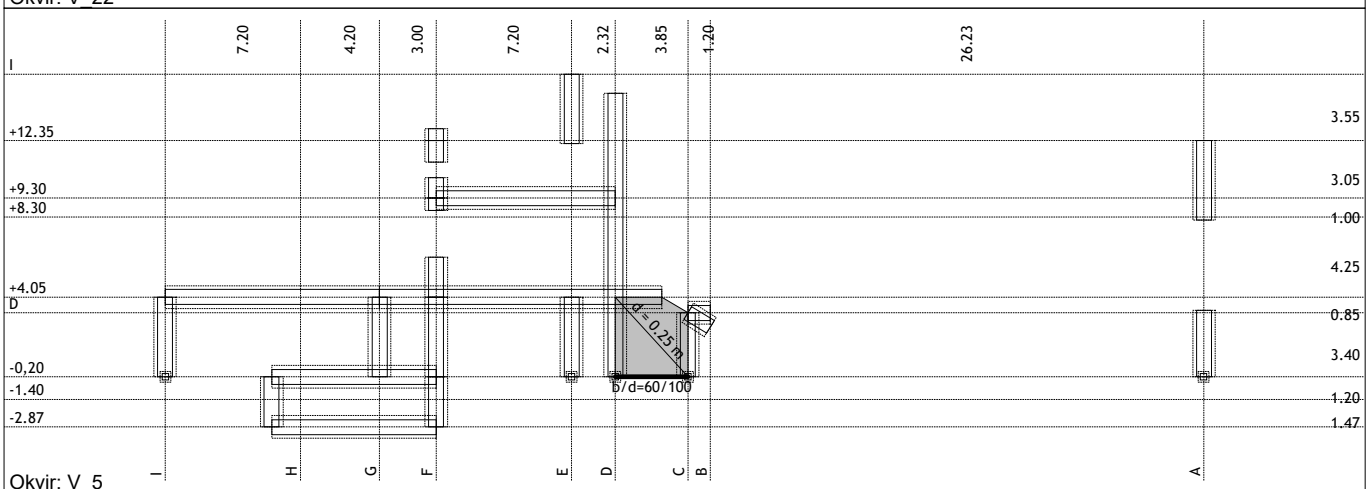


Okvir: os 2

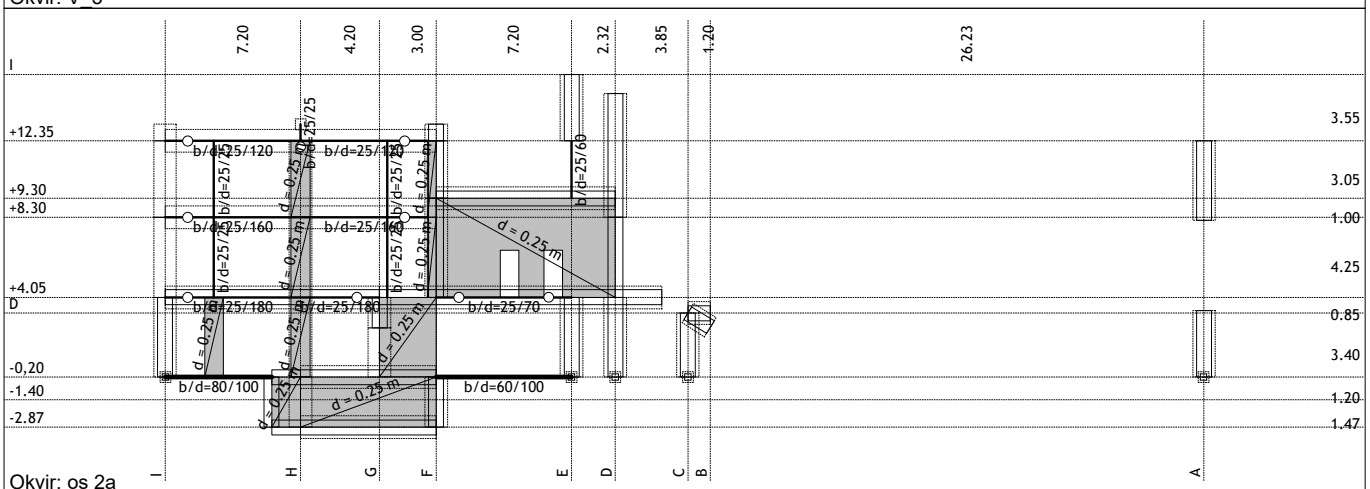
Vhodni podatki - Konstrukcija



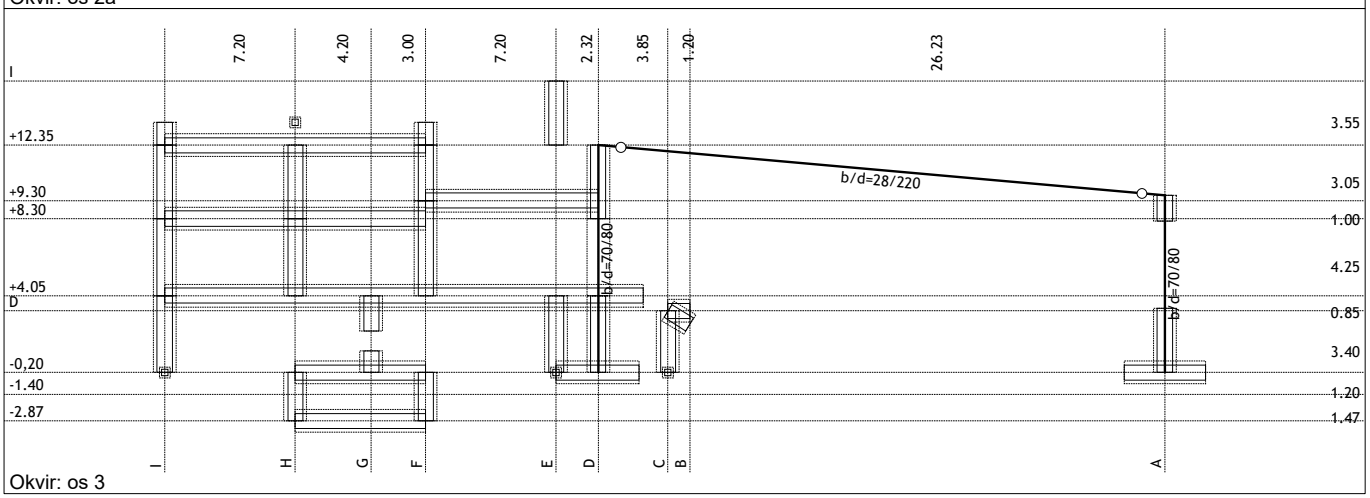
Okvir: V_22



Okvir: V_5

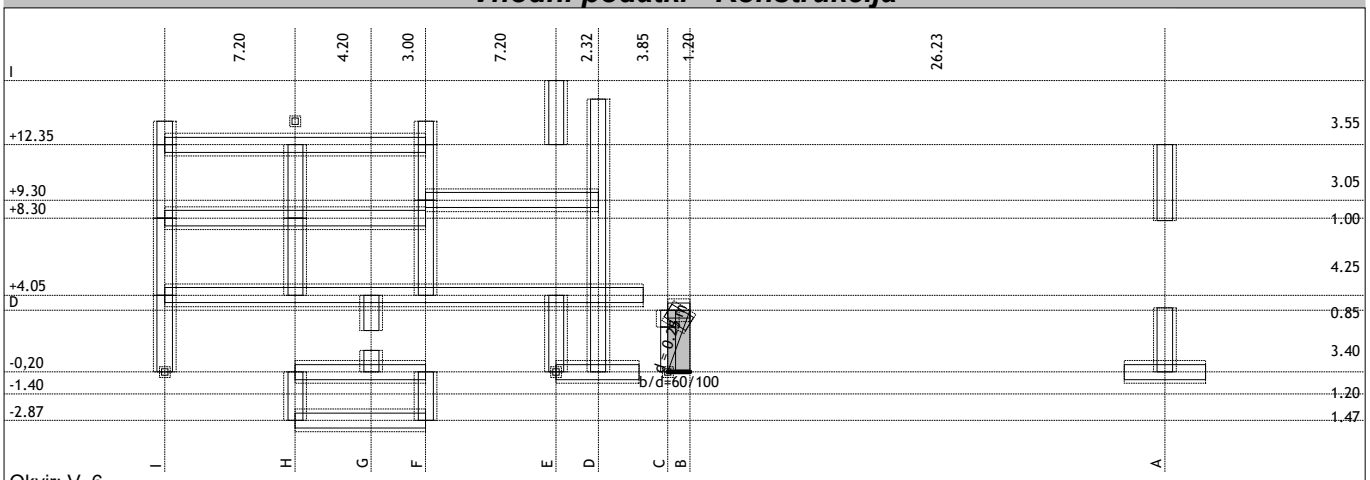


Okvir: os 2a

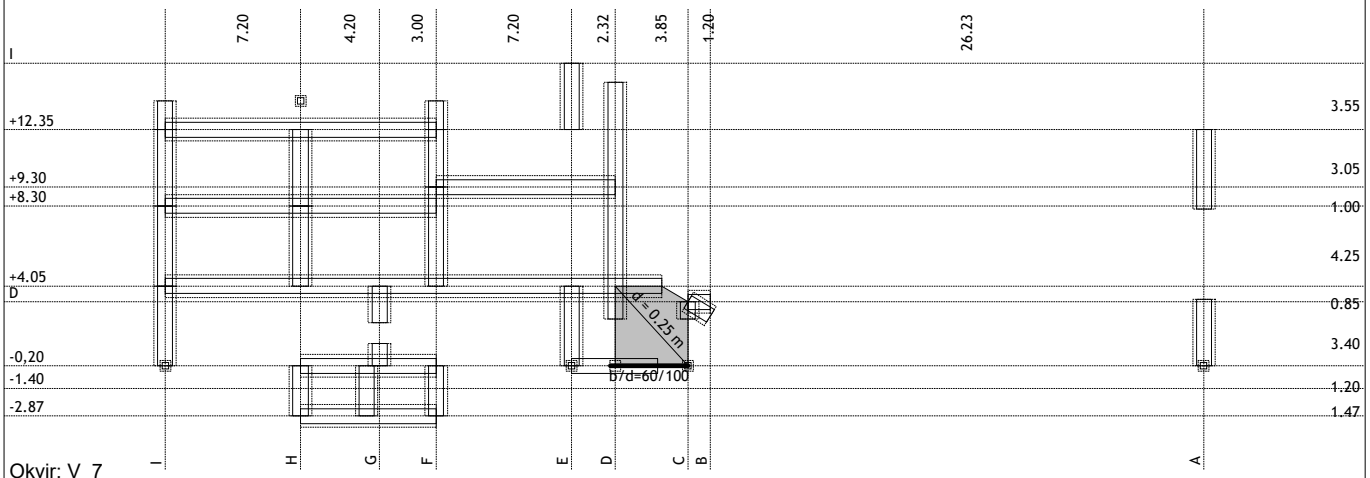


Okvir: os 3

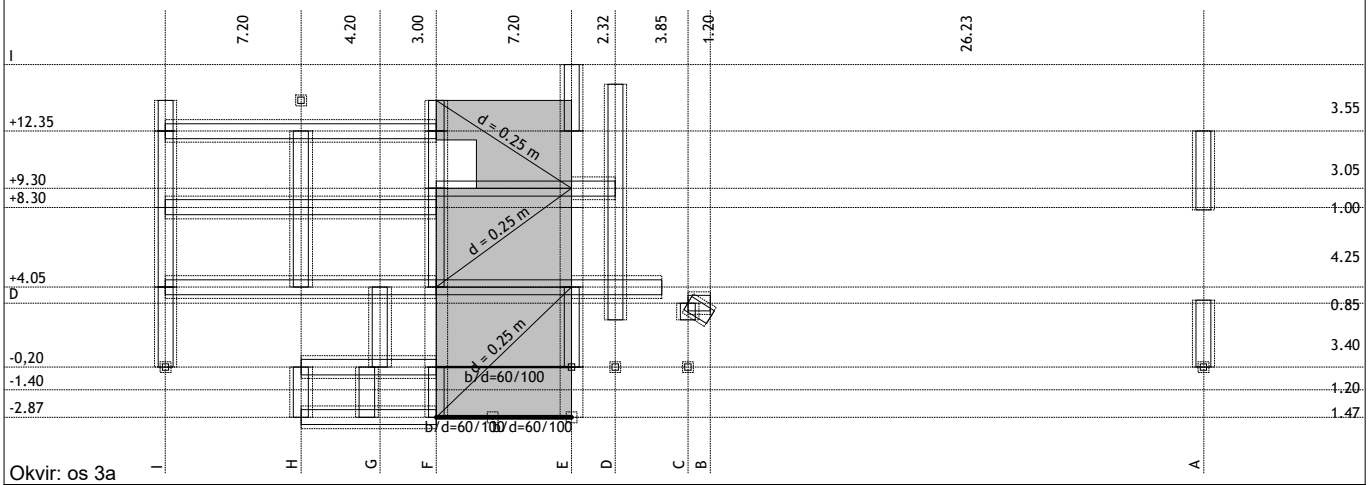
Vhodni podatki - Konstrukcija



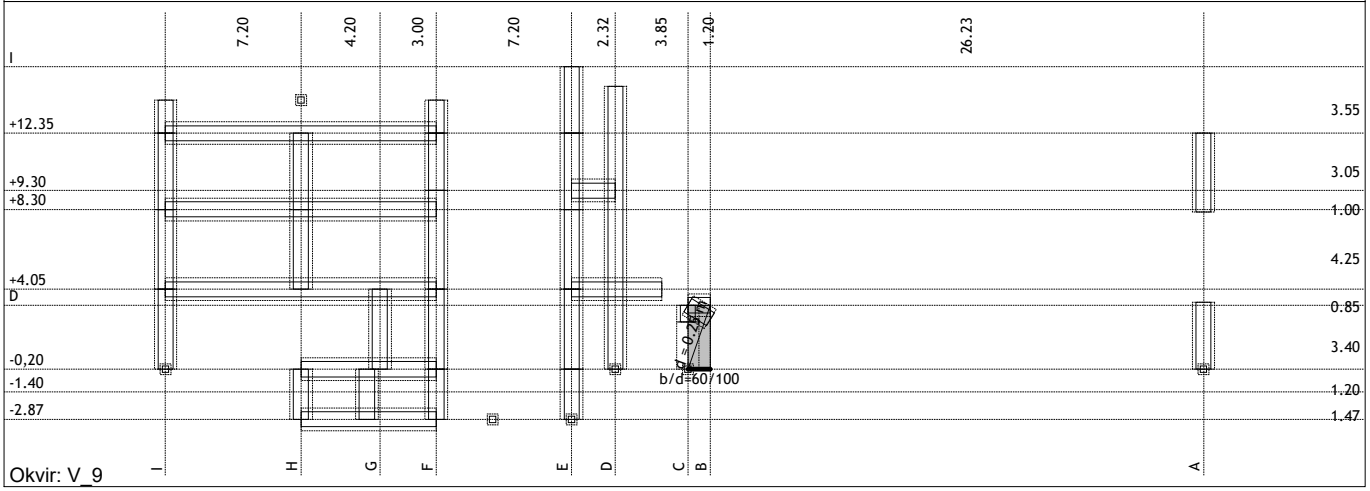
Okvir: V_6



Okvir: V_7

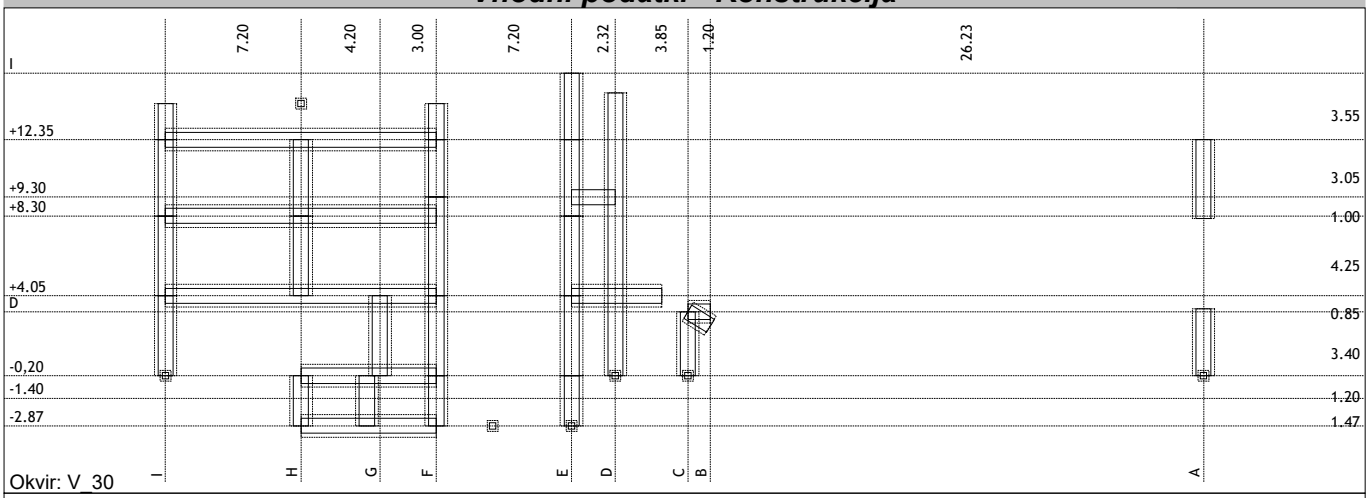


Okvir: os 3a

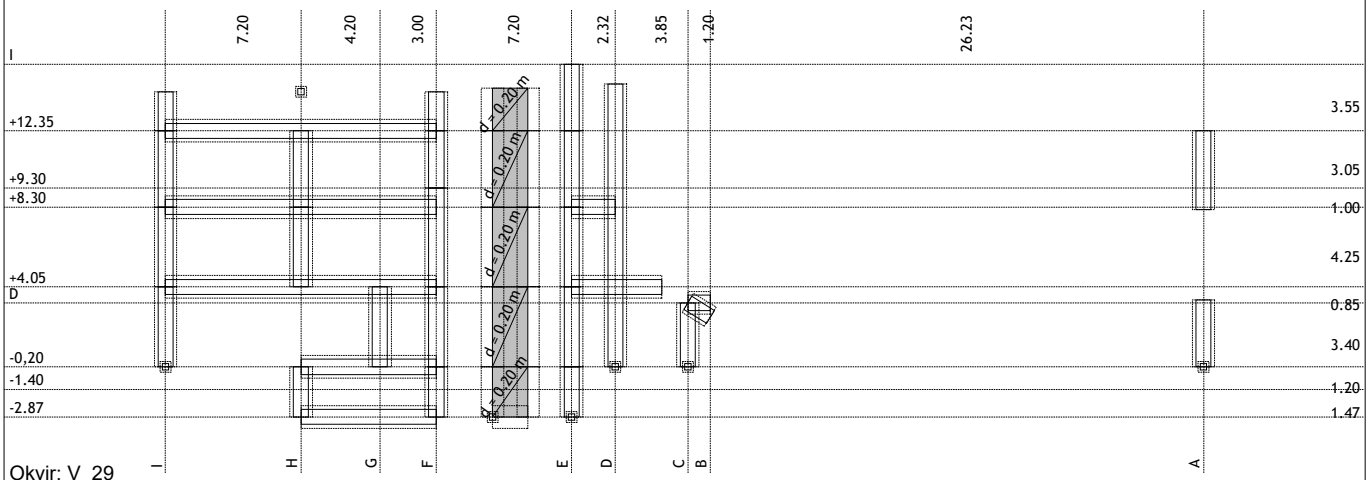


Okvir: V_9

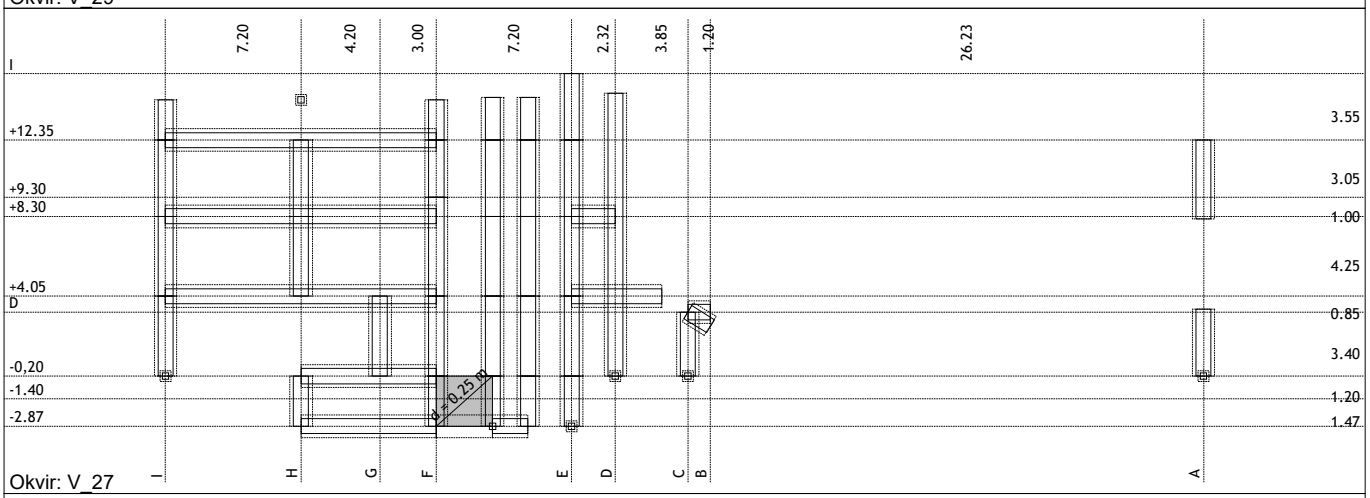
Vhodni podatki - Konstrukcija



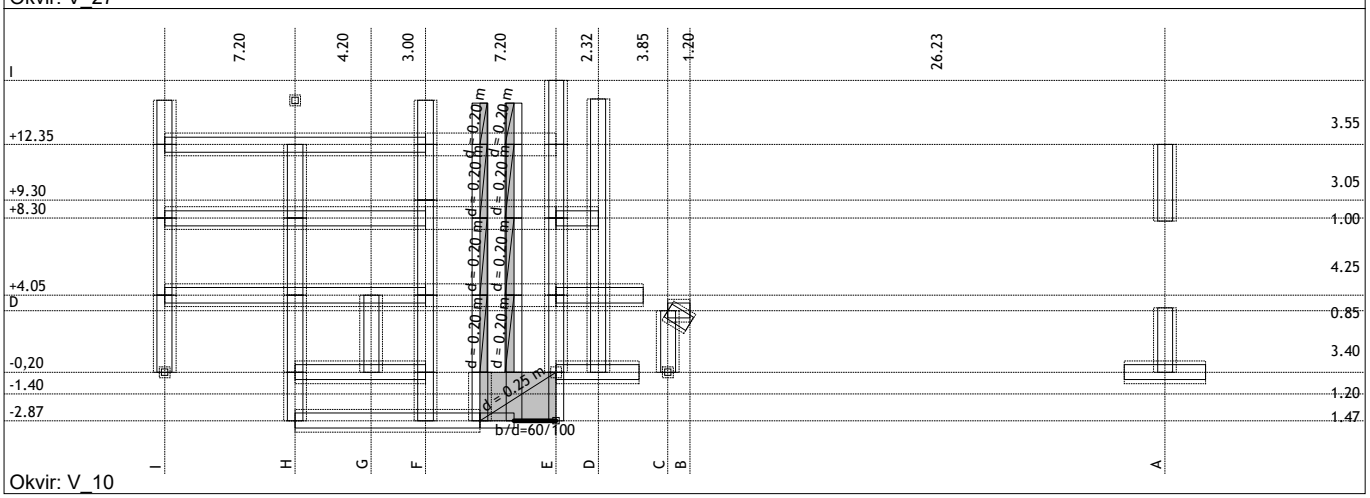
Okvir: V_30



Okvir: V_29

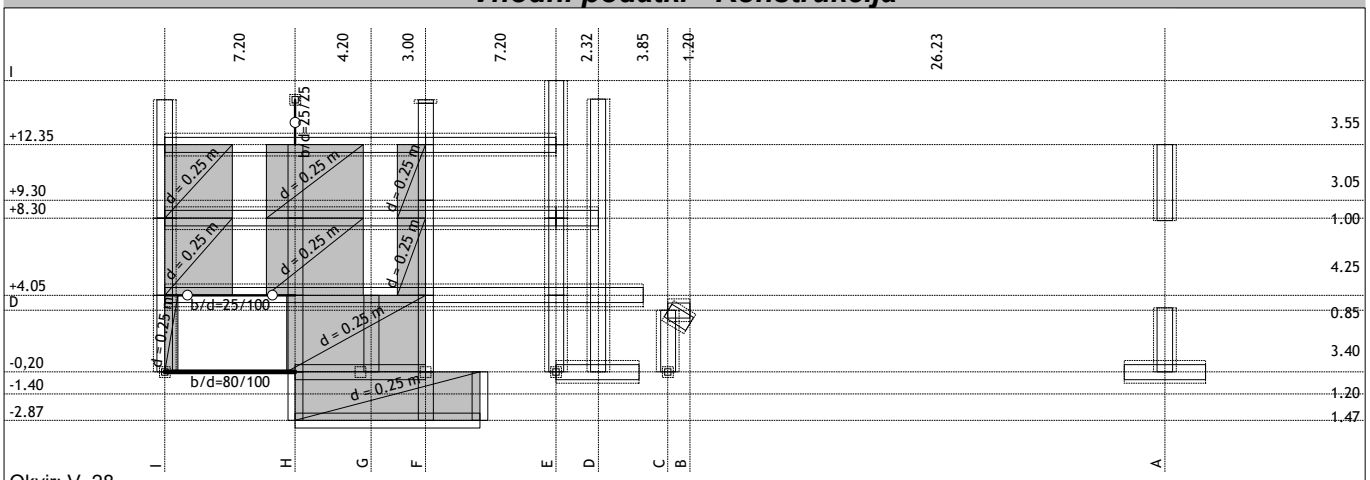


Okvir: V_27

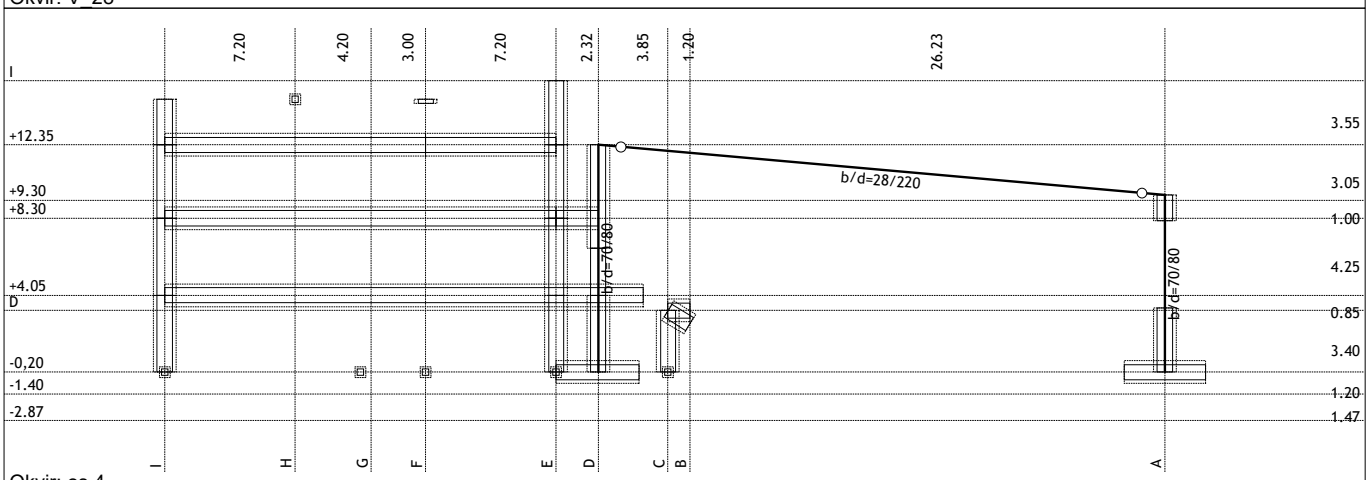


Okvir: V_10

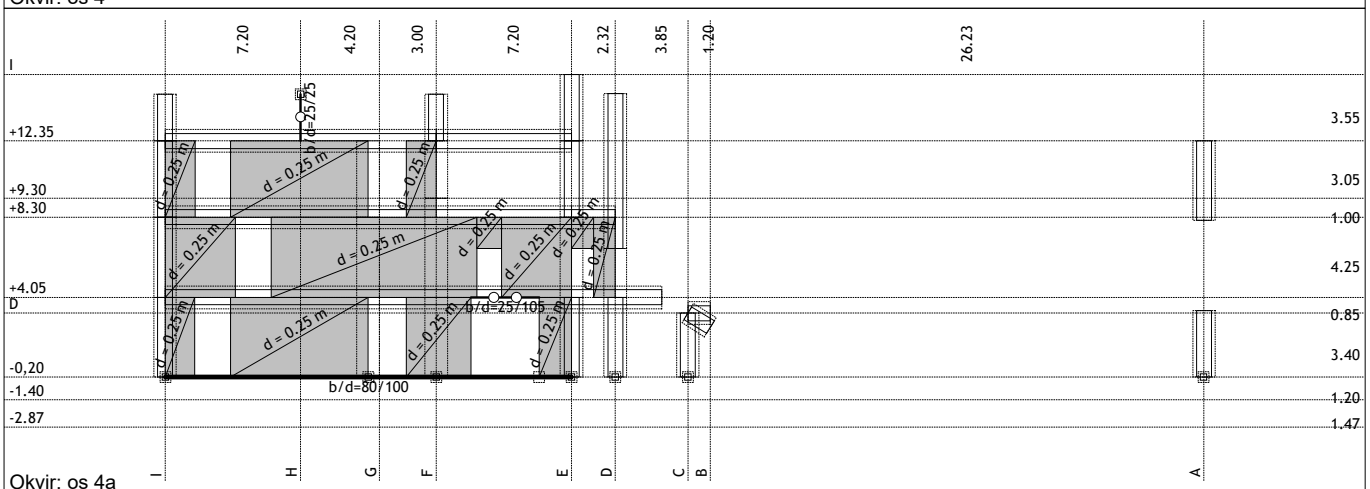
Vhodni podatki - Konstrukcija



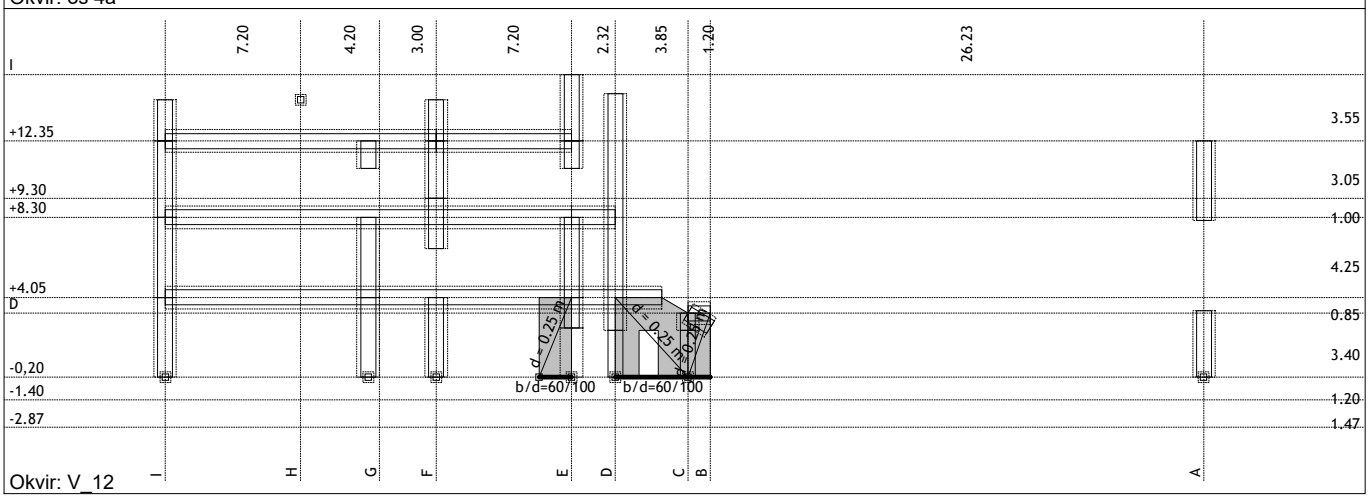
Okvir: V_28



Okvir: os 4

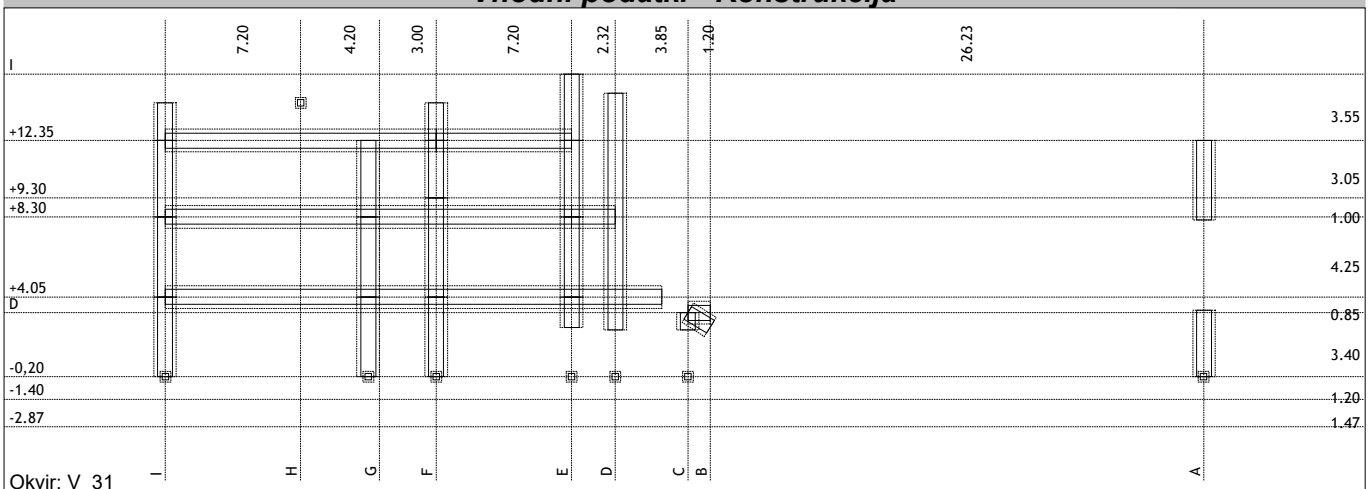


Okvir: os 4a

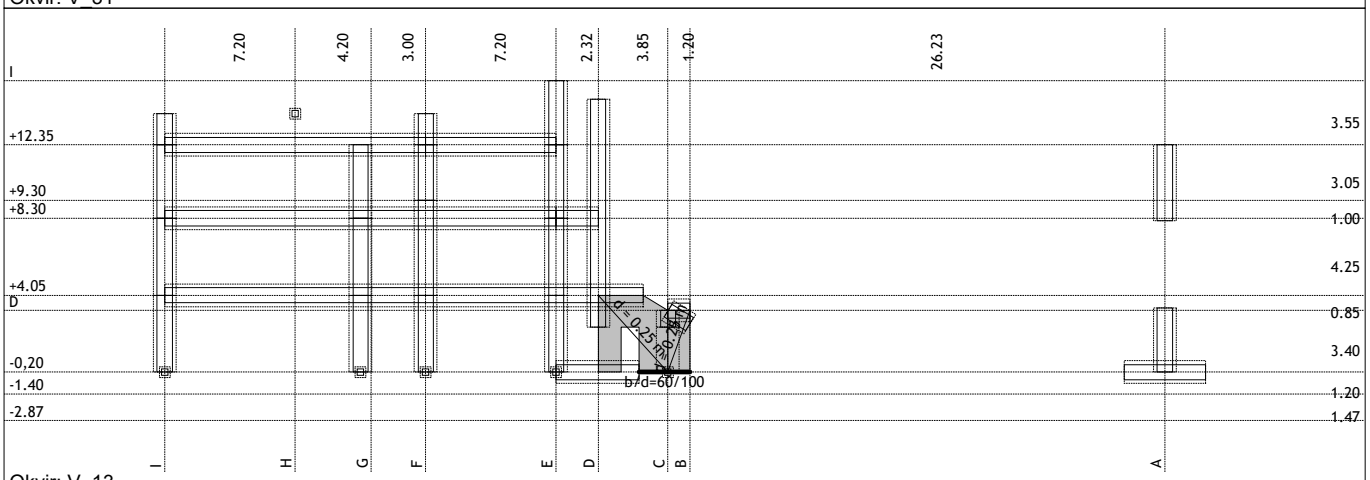


Okvir: V_12

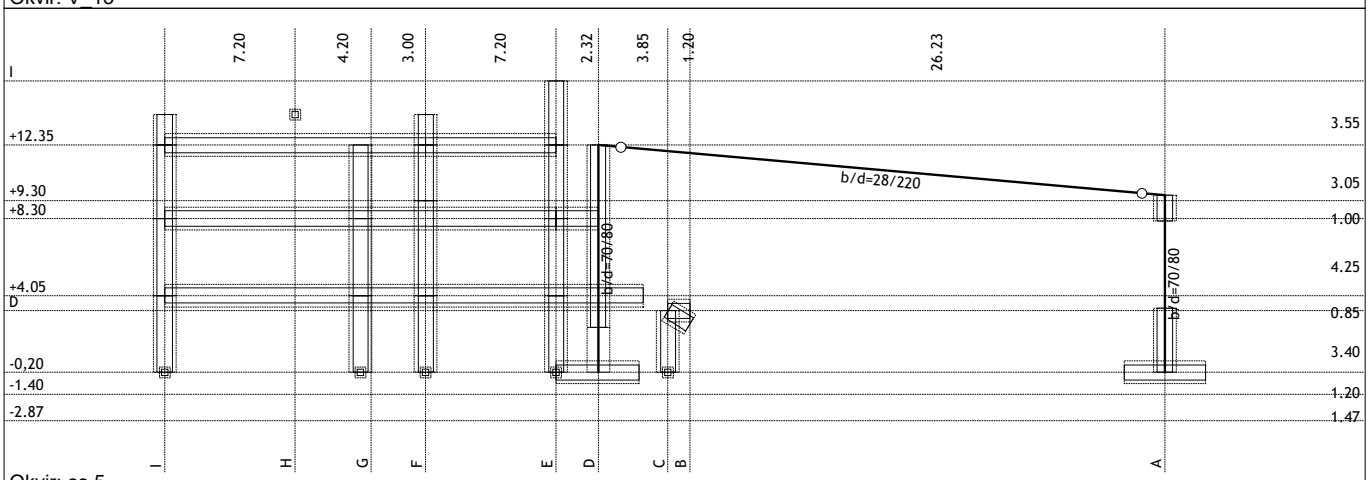
Vhodni podatki - Konstrukcija



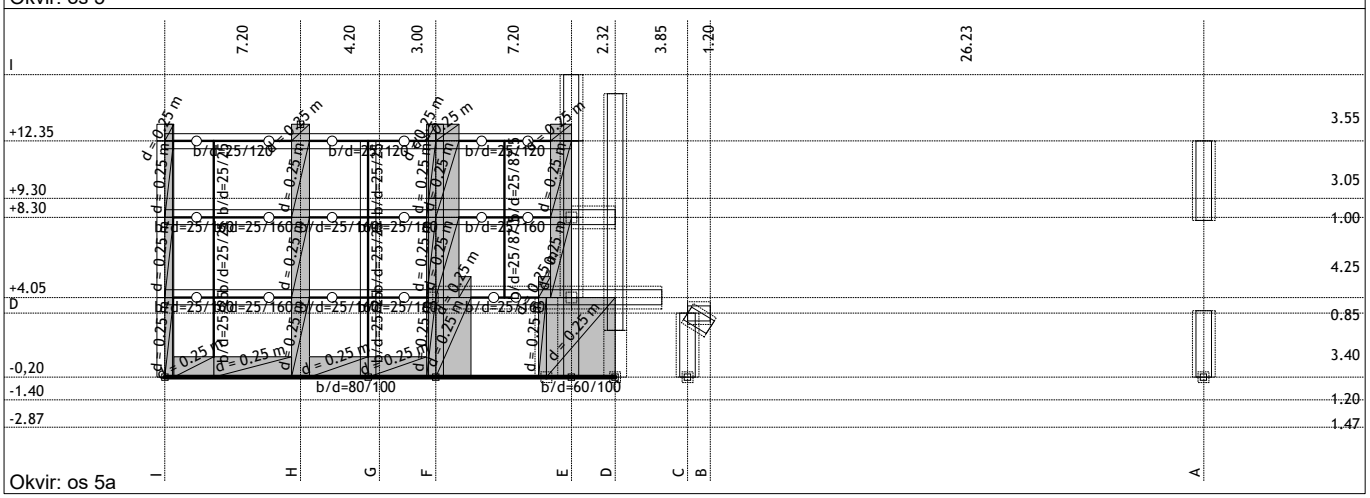
Okvir: V_31



Okvir: V_13

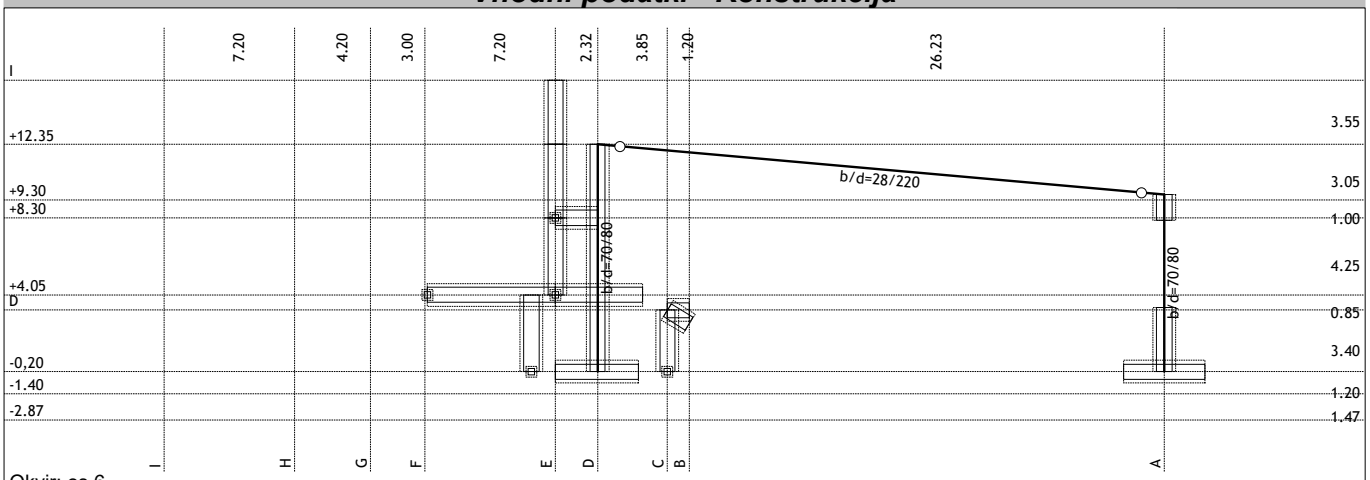


Okvir: os 5

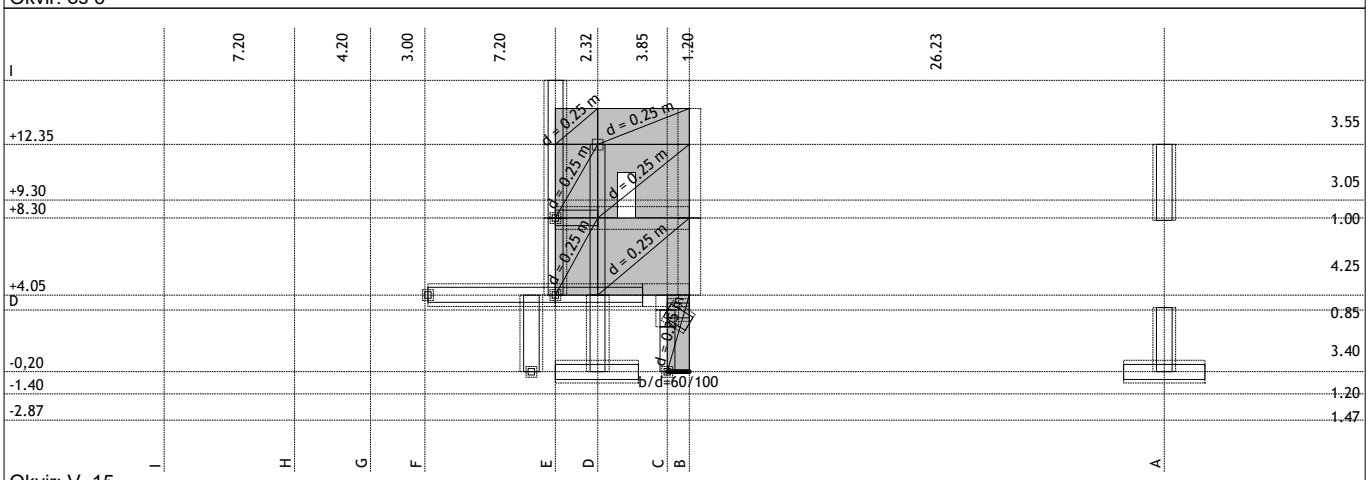


Okvir: os 5a

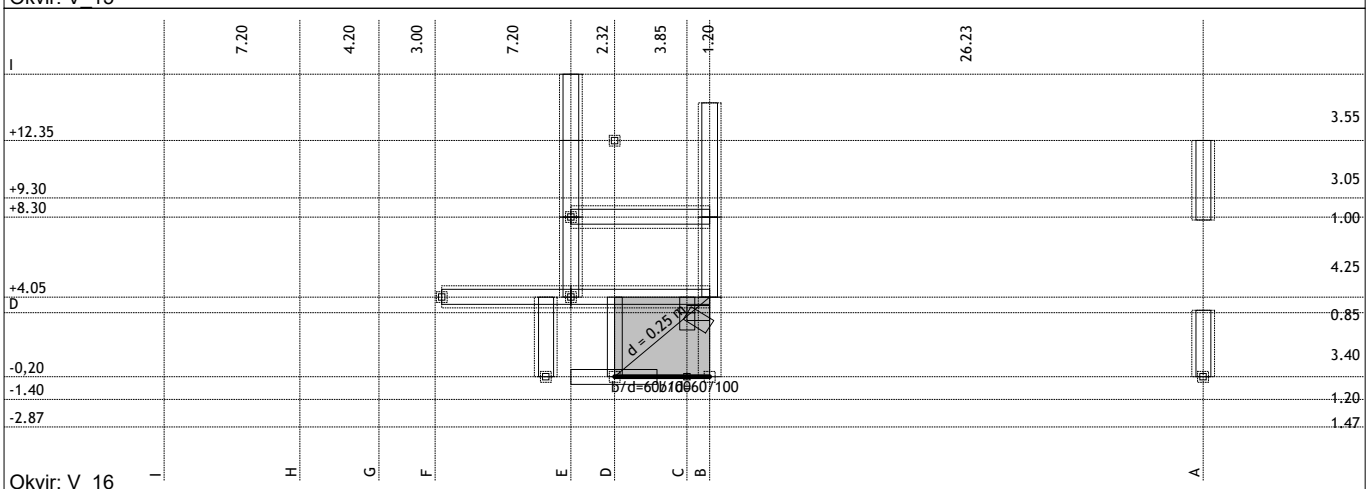
Vhodni podatki - Konstrukcija



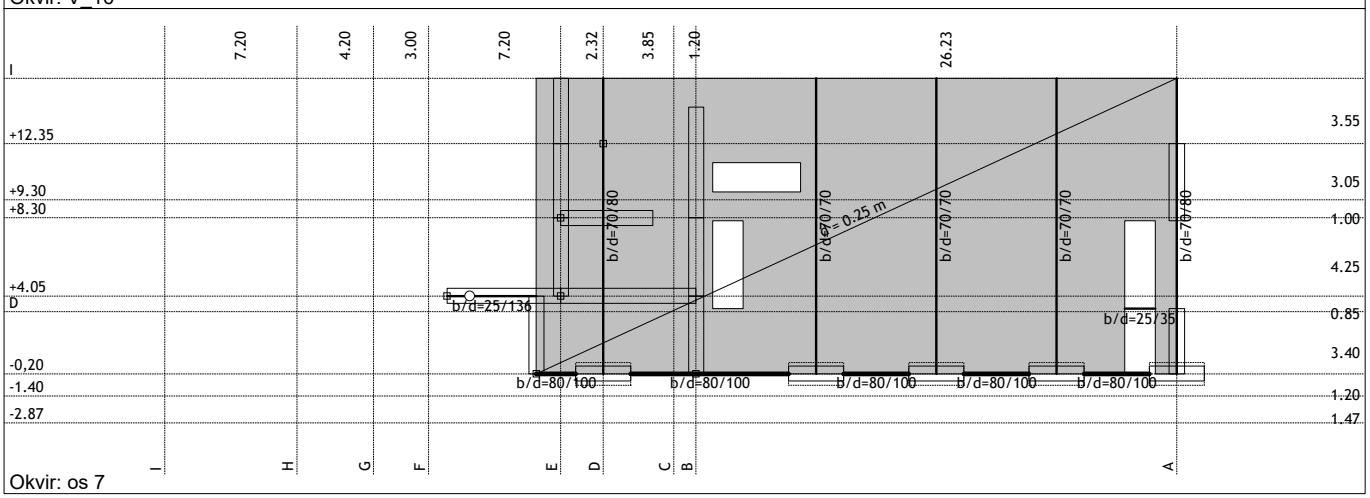
Okvir: os 6



Okvir: V_15



Okvir: V_16



Okvir: os 7

Vhodni podatki - Obtežba

Lista obtežnih primerov	
No	Naziv
1	g (g)
2	p

No	Naziv
3	Komb.: I+II
4	Komb.: 1.35xI+1.5xII

TLAK V PRITLIČJU - na zaklonišču (-0,20m)

B3 (večnamenski prostor)

LASTNA IN STALNA OBTEŽBA

Talna obloga (PVC)		= 0,04 kN/m^2
Lepilo	0,002 m x 15 kN/m^3	= 0,03 kN/m^2
Izravnalna masa	0,003 m x 15 kN/m^3	= 0,05 kN/m^2
Cementni estrih (6,3 cm)	0,064 m x 24 kN/m^3	= 1,54 kN/m^2
PE folija		
Top. izolacija	0,12 m x 0,8 kN/m^3	= 0,10 kN/m^2
AB plošča (40 cm)	0,40 m x 25,0 kN/m^3	= 10,0 kN/m^2
Hidroizolacija		= 0,11 kN/m^2
	g	**= 1,87 kN/m^2**

Lastno težo AB plošče upošteva program avtomatsko.

KORISTNA OBTEŽBA

Kategorija C1 (površine z mizami, učilnice)	**p**	**= 3,00 kN/m^2**
	p	**= 3,00 kN/m^2**

MEDETAŽNE AB PLOŠČE (+4,25m, +8,50m, +9,50m, +12,55m)

C1 (učilnice, zbornica, hodniki, kabineti, garderoba)

LASTNA IN STALNA OBTEŽBA

Talna obloga (PVC)		= 0,04 kN/m^2
Lepilo	0,002 m x 15 kN/m^3	= 0,03 kN/m^2
Izravnalna masa	0,003 m x 15 kN/m^3	= 0,05 kN/m^2
Cementni estrih (6,3 cm)	0,063 m x 24 kN/m^3	= 1,51 kN/m^2
PE folija		
Top. izolacija	0,13 m x 0,8 kN/m^3	= 0,11 kN/m^2
AB plošča (25 cm)	0,25 m x 25,0 kN/m^3	= 6,25 kN/m^2
Omet (ali obešen strop)	0,015 m x 20 kN/m^3	= 0,30 kN/m^2
	g	**= 2,04 kN/m^2**

C3 (prhe, sanitarije, čistila)

LASTNA IN STALNA OBTEŽBA

Keramika/ granitogres	0,01 m x 28 kN/m^3	= 0,28 kN/m^2
Lepilo	0,003 m x 20 kN/m^3	= 0,06 kN/m^2
HI premaz		= 0,08 kN/m^2
Cementni estrih (6,2 cm)	0,062 m x 24 kN/m^3	= 1,49 kN/m^2
PE folija		
Top. izolacija (stiropor)	0,11 m x 0,8 kN/m^3	= 0,09 kN/m^2
AB plošča (25 cm)	0,25 m x 25,0 kN/m^3	= 6,25 kN/m^2
Omet (ali obešen strop)		= 0,30 kN/m^2
	g	**= 2,30 kN/m^2**

Lastno težo AB plošče upošteva program avtomatsko.

KORISTNA OBTEŽBA

Kategorija C1 (površine z mizami, učilnice)	**p**	**= 3,00 kN/m^2**
Dodatek za lahke predelne stene	**$p^{predelne}$**	**= 0,50 kN/m^2**
	p	**= 3,50 kN/m^2**

C2 (mala dvorana)

LASTNA IN STALNA OBTEŽBA

Športni pod		= 0,30 kN/m^2
PE folija		= 0,01 kN/m^2
Cementni estrih (6,8 cm)	0,068 m x 24 kN/m^3	= 1,63 kN/m^2
PE folija		
Sistemska plošča talnega ogr.	0,048 m x 0,8 kN/m^3	= 0,04 kN/m^2
PE folija		
Top. izolacija	0,02 m x 0,8 kN/m^3	= 0,02 kN/m^2
AB plošča (30 cm)	0,30 m x 25,0 kN/m^3	= 7,50 kN/m^2
Omet (ali obešen strop)	0,015 m x 20 kN/m^3	= 0,30 kN/m^2
	g	**= 2,30 kN/m^2**

Lastno težo AB plošče upošteva program avtomatsko.

KORISTNA OBTEŽBA

Športne dvorane - kategorija C4 **p** **= 5,00 kN/m^2**

Strešna konstrukcija

S5 (strešna konst. nad večnamensko dvorano in vhodom, ravna streha)(+ 4,50)

LASTNA IN STALNA OBTEŽBA

Strešna kritina (PVC)		= 0,08 kN/m^2
TI kamena volna (2-22 cm)	0,12 m x 1,0 kN/m^3	= 0,12 kN/m^2
TI kamena volna	0,30 m x 1,0 kN/m^3	= 0,30 kN/m^2
Varjena bit. HI na premazu		= 0,06 kN/m^2
AB plošča (25cm)	0,25 m x 25,0 kN/m^3	= 6,25 kN/m^2
TI kamena volna	0,30 m x 1,0 kN/m^3	= 0,30 kN/m^2
Paroprepustna membrana		= 0,01 kN/m^2
Fasadne plošče (vlaknocem.)		= 0,15 kN/m^2
	g	**= 2,30 kN/m^2**

Lastno težo AB plošče upošteva program avtomatsko.

KORISTNA OBTEŽBA

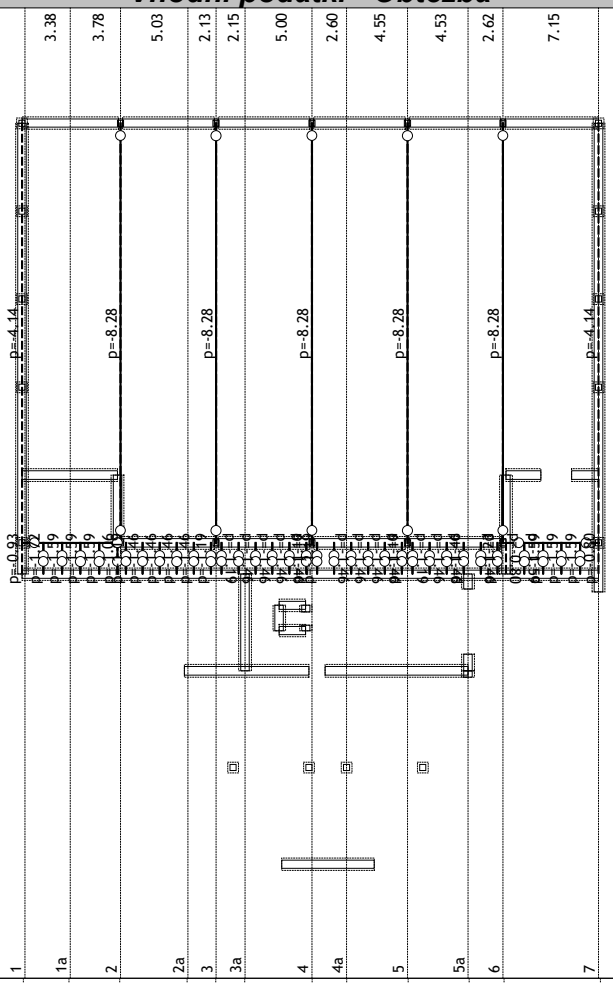
SNEG (Moravče, 380 m n.m.v., cona A2)

$s_k = 1,295 \times [1 + (380/728)^2] = 1,65$ kN/m^2

$s = \mu \times s_k = 0,8 \times 1,65$ kN/m^2 = 1,32 kN/m^2

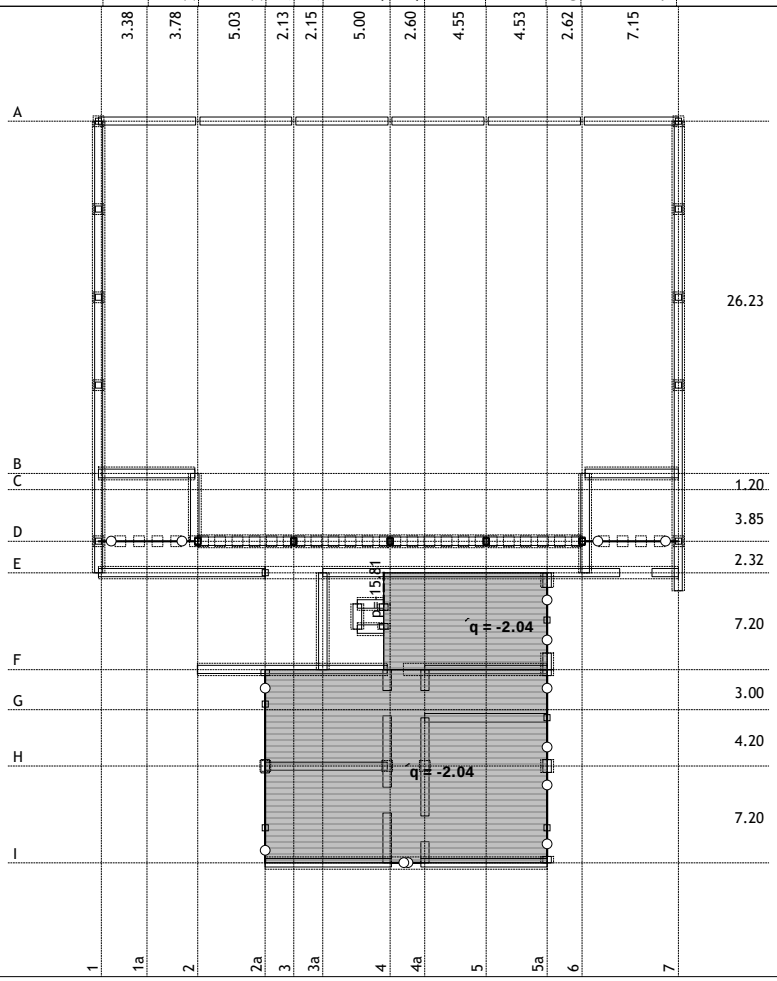
Vhodni podatki - Obtežba

Obt. 1: g (g)



Pogled: STREHA DVORANE

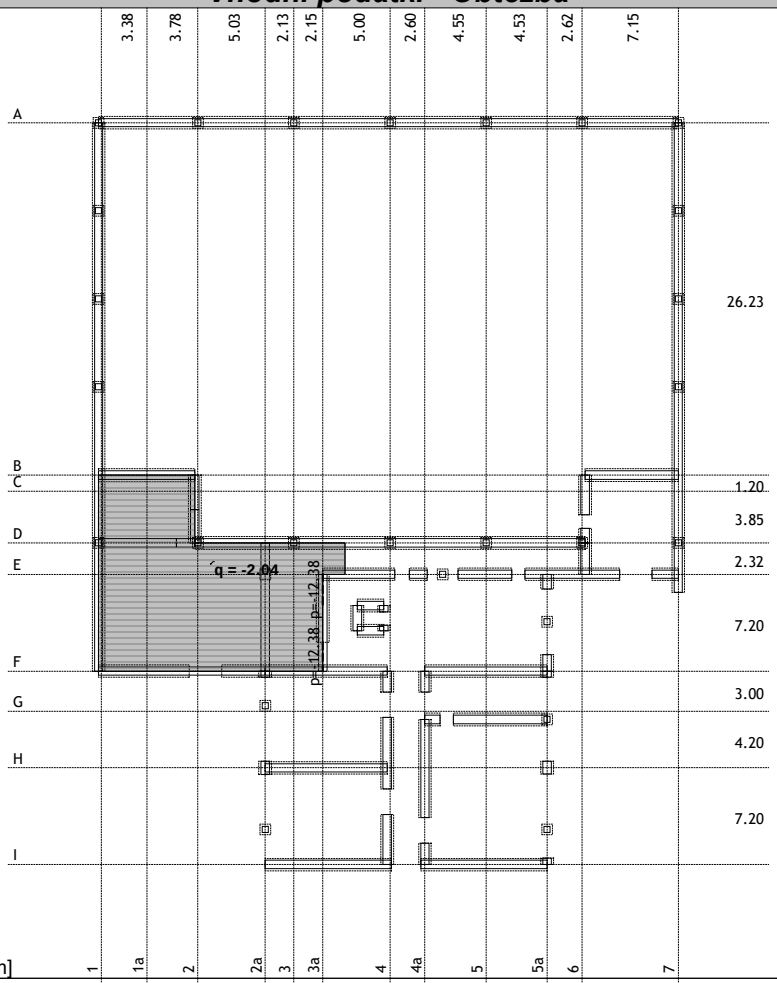
Obt. 1: g (g)



Nivo: nad II.NAD [12.35 m]

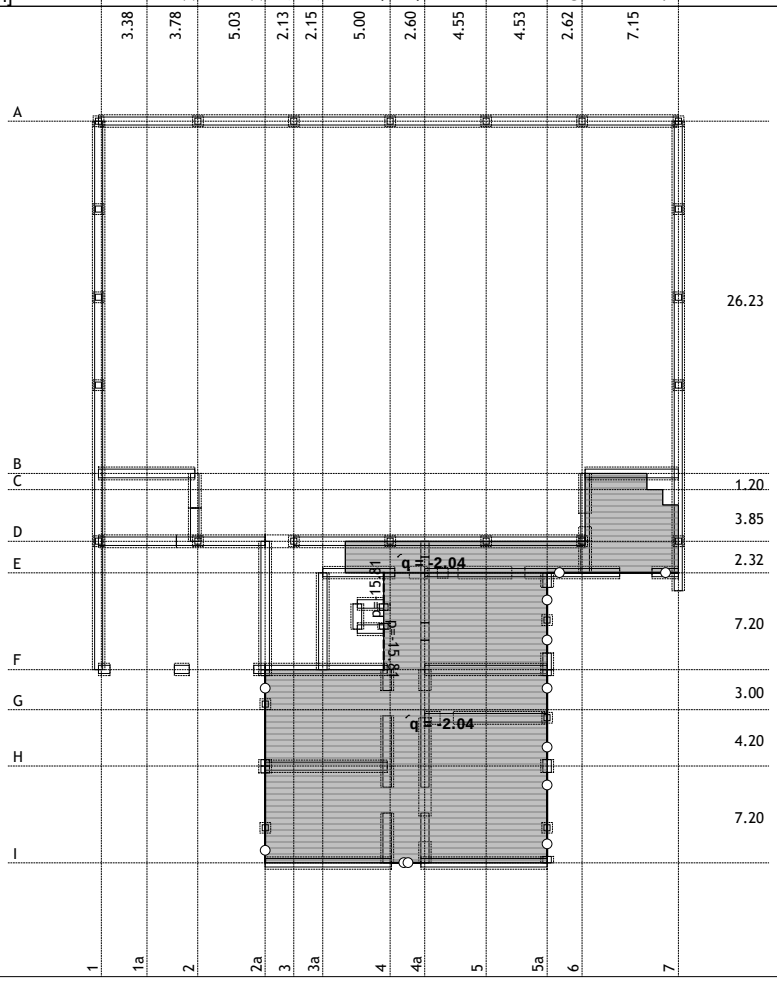
Vhodni podatki - Obtežba

Obt. 1: g (g)



Nivo: nad I.NAD dvorana [9.30 m]

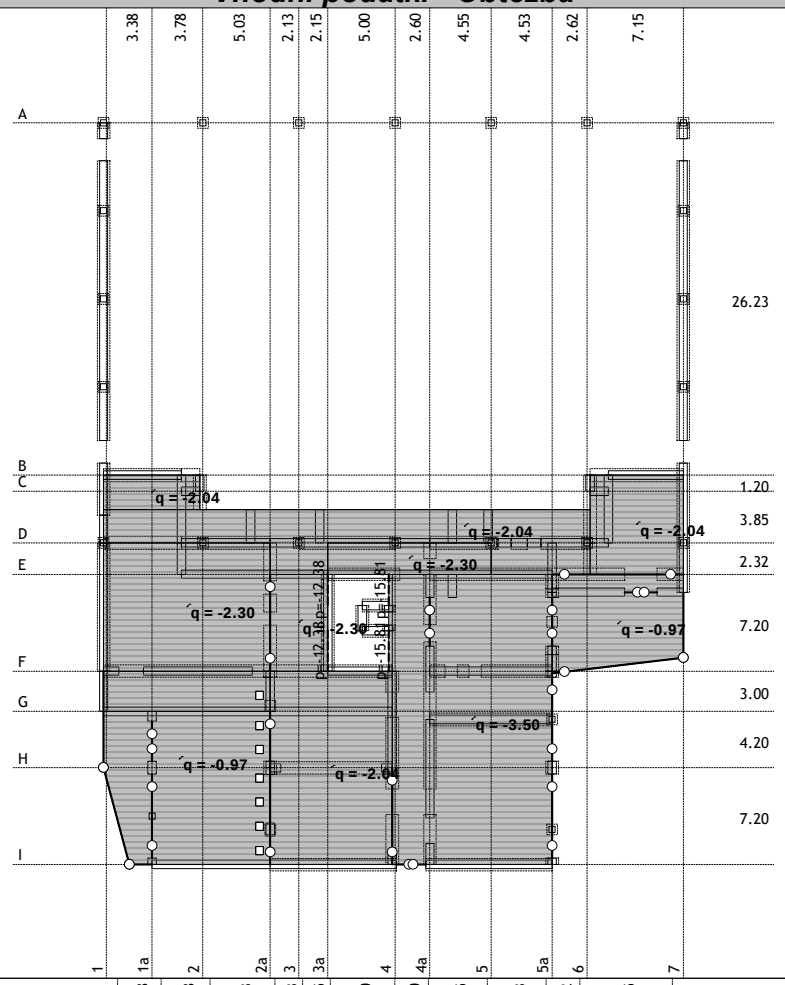
Obt. 1: g (g)



Nivo: nad I.NAD [8.30 m]

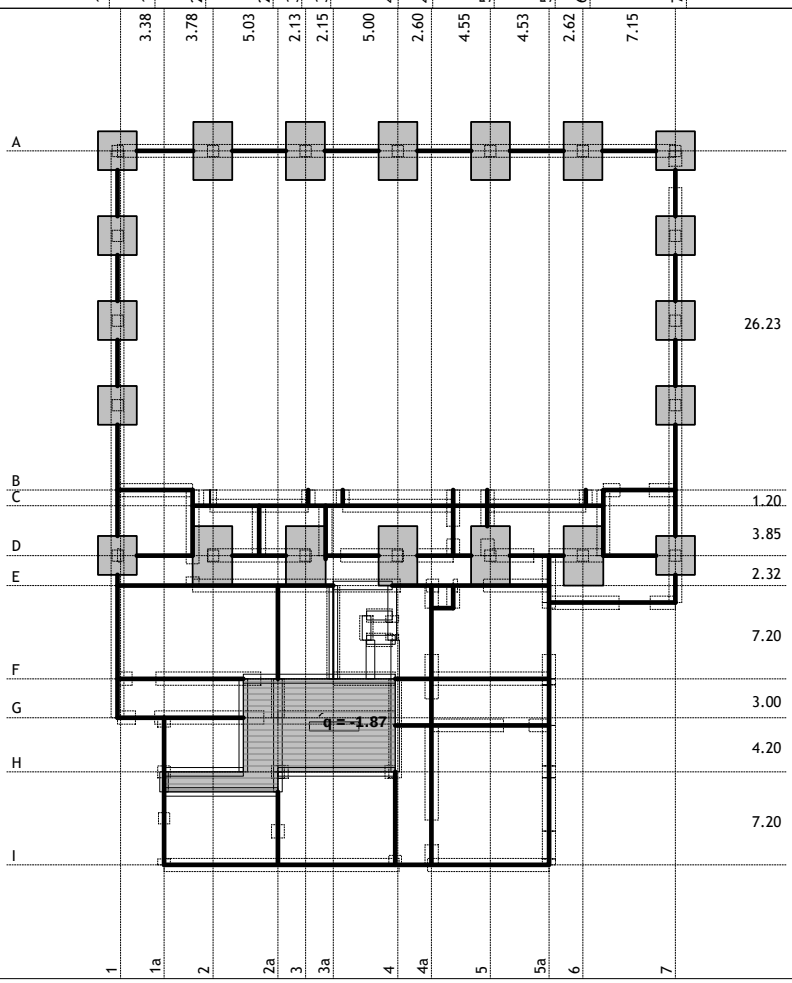
Vhodni podatki - Obtežba

Obt. 1: g (g)



Nivo: nad PT [4.05 m]

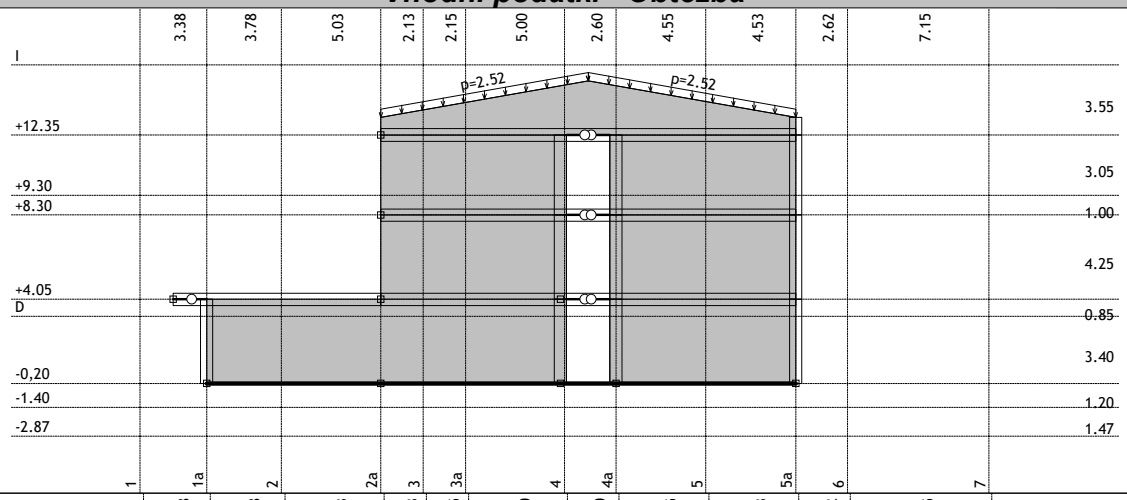
Obt. 1: g (g)



Nivo: temelji [-0.20 m]

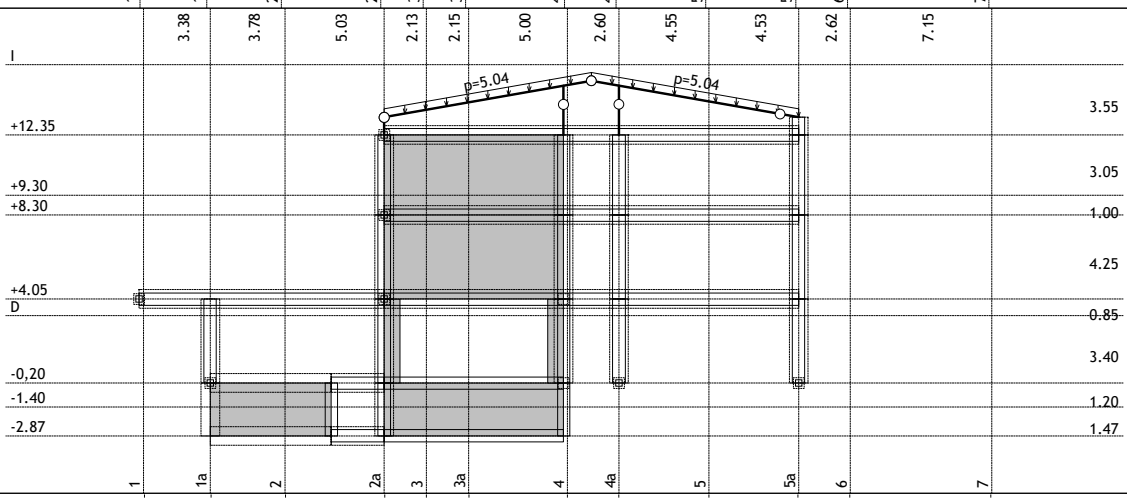
Vhodni podatki - Obtežba

Obt. 1: g (g)



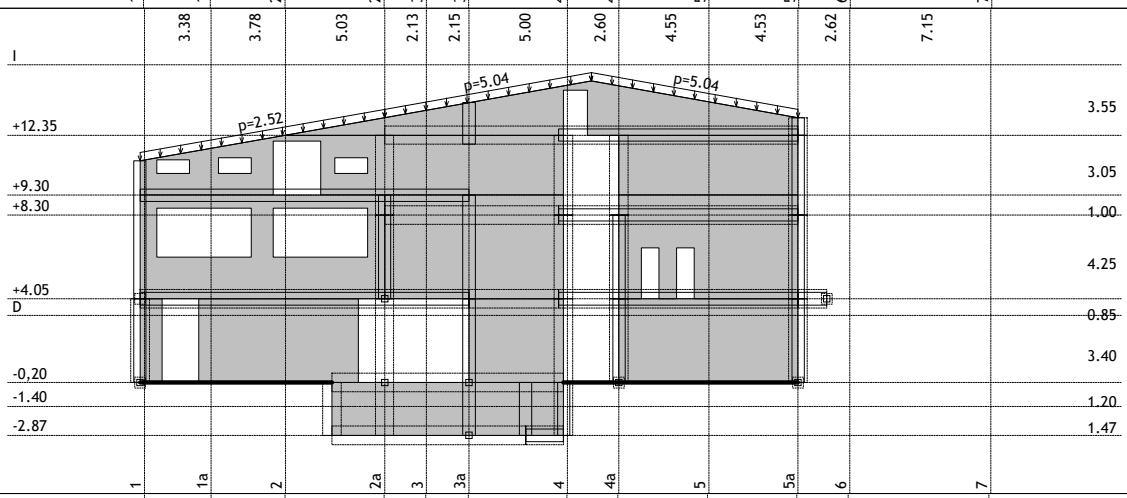
Okvir: os I

Obt. 1: g (g)



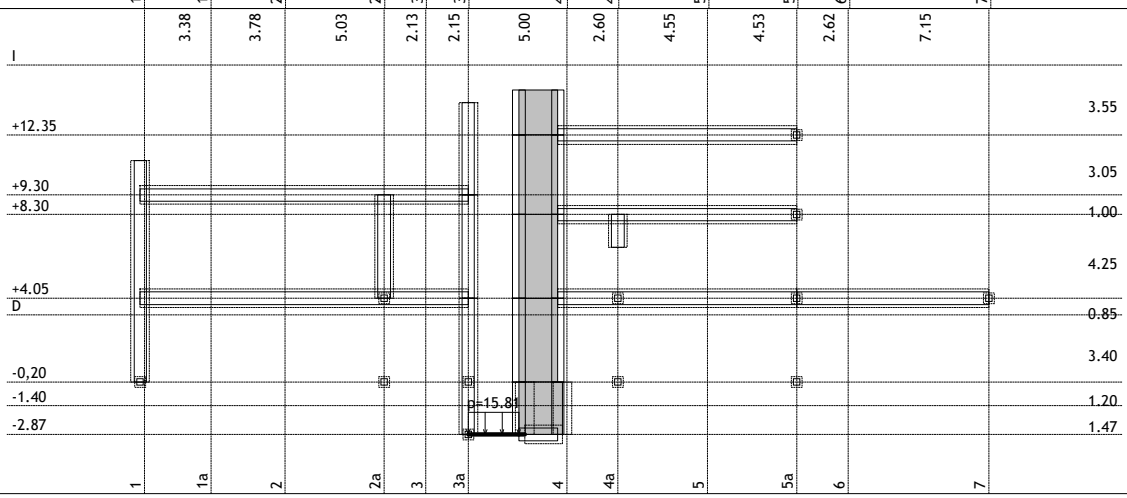
Okvir: os H

Obt. 1: g (g)



Okvir: os F

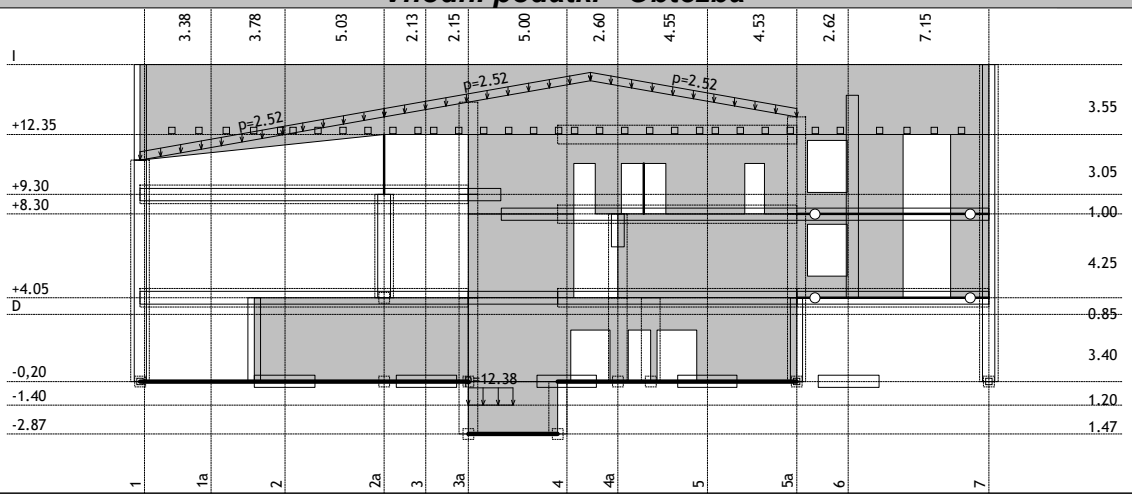
Obt. 1: g (g)



Okvir: H_4

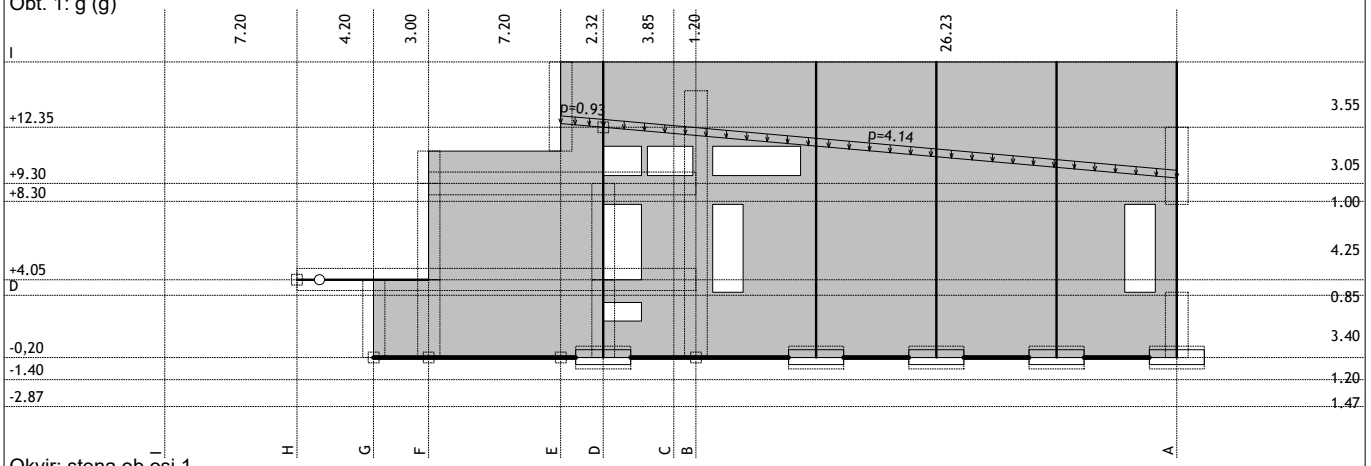
Vhodni podatki - Obtežba

Obt. 1: g (g)



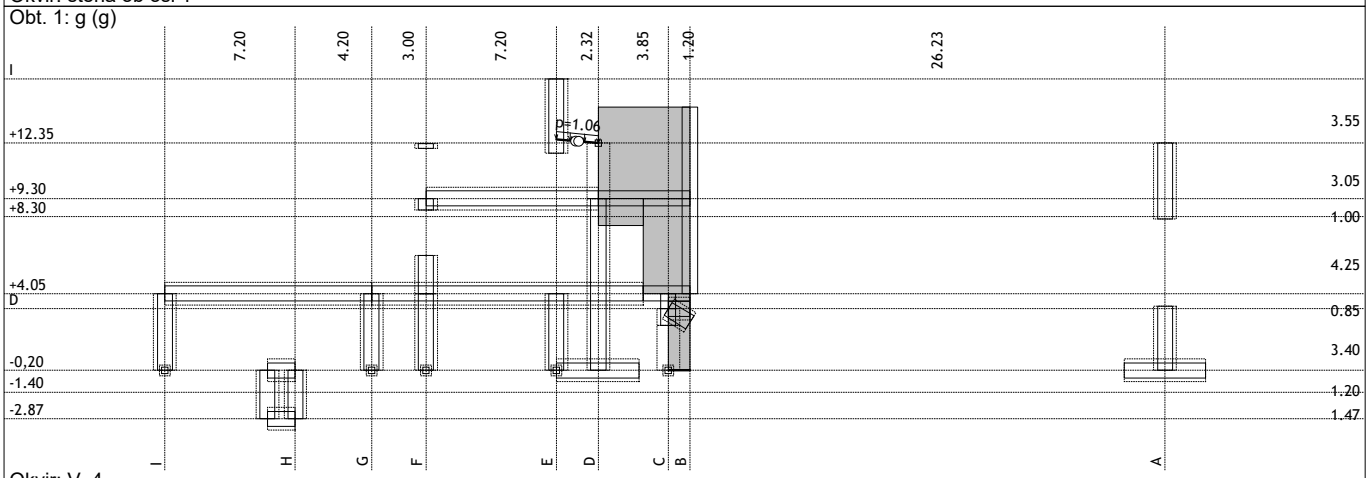
Okvir: os E

Obt. 1: g (g)



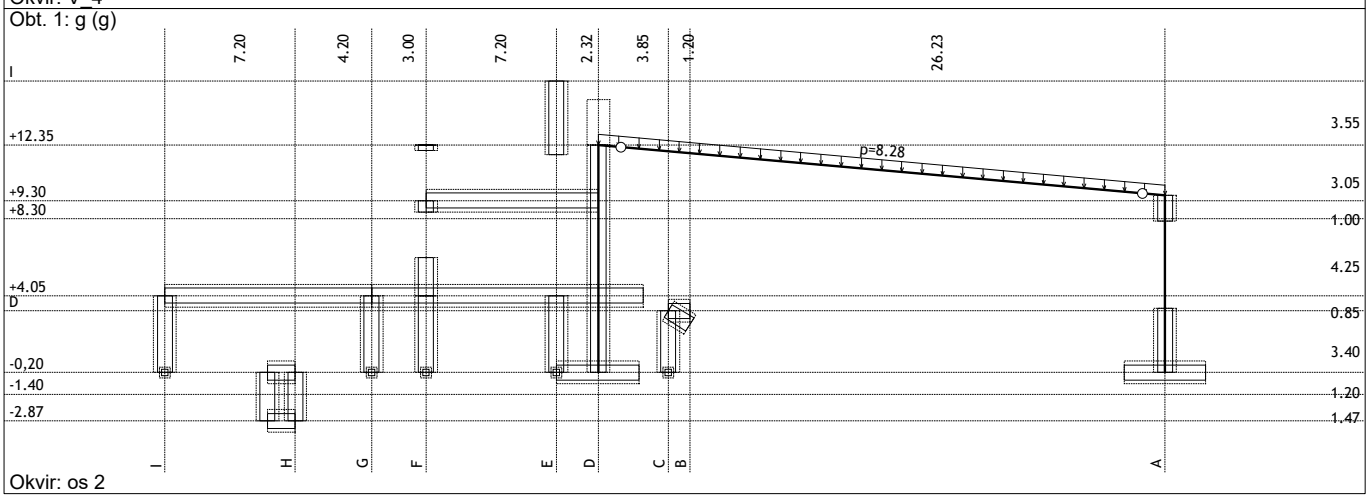
Okvir: stena ob osi 1

Obt. 1: g (g)



Okvir: V_4

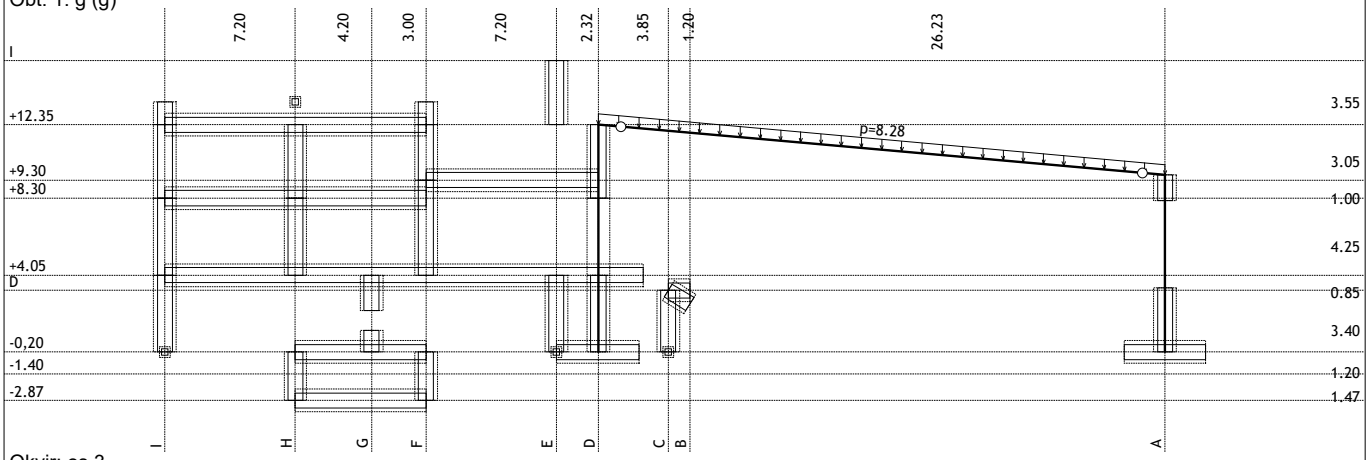
Obt. 1: g (g)



Okvir: os 2

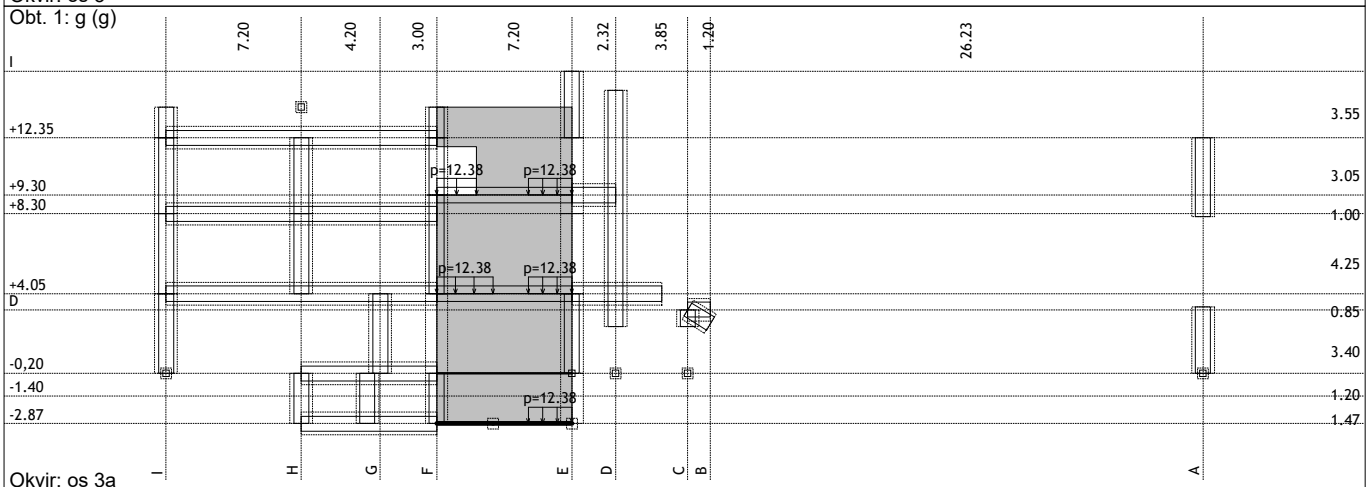
Vhodni podatki - Obtežba

Obt. 1: g (g)



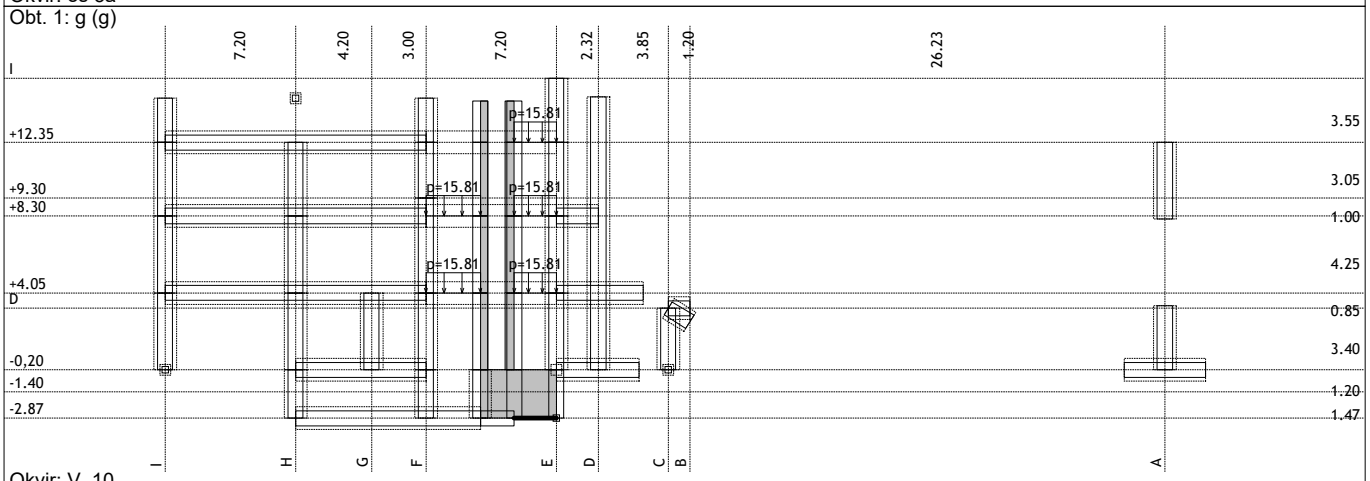
Okvir: os 3

Obt. 1: g (g)



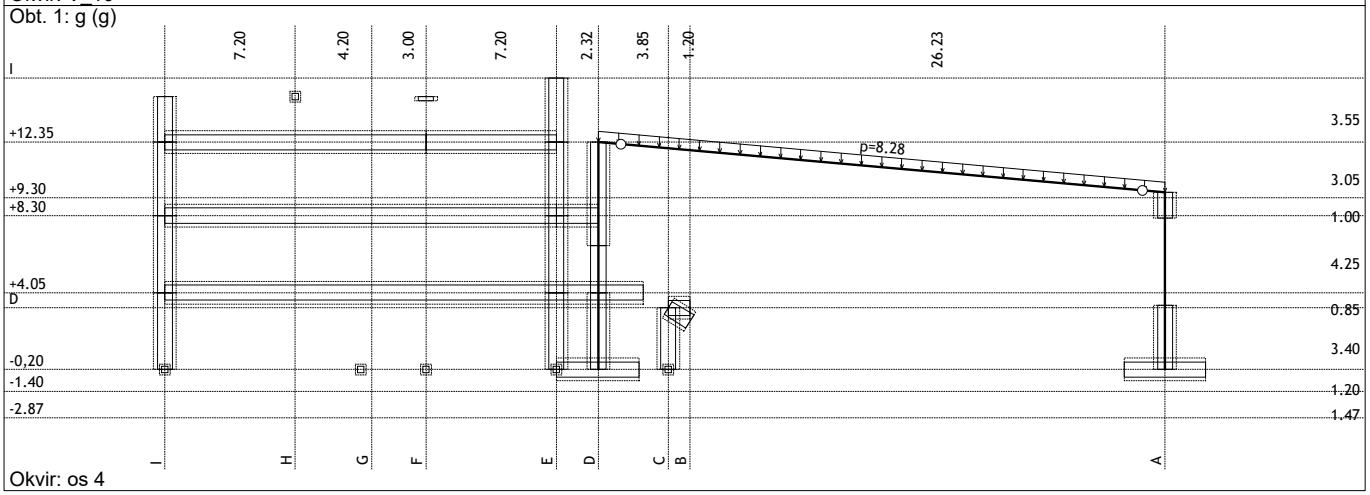
Okvir: os 3a

Obt. 1: g (g)



Okvir: V_10

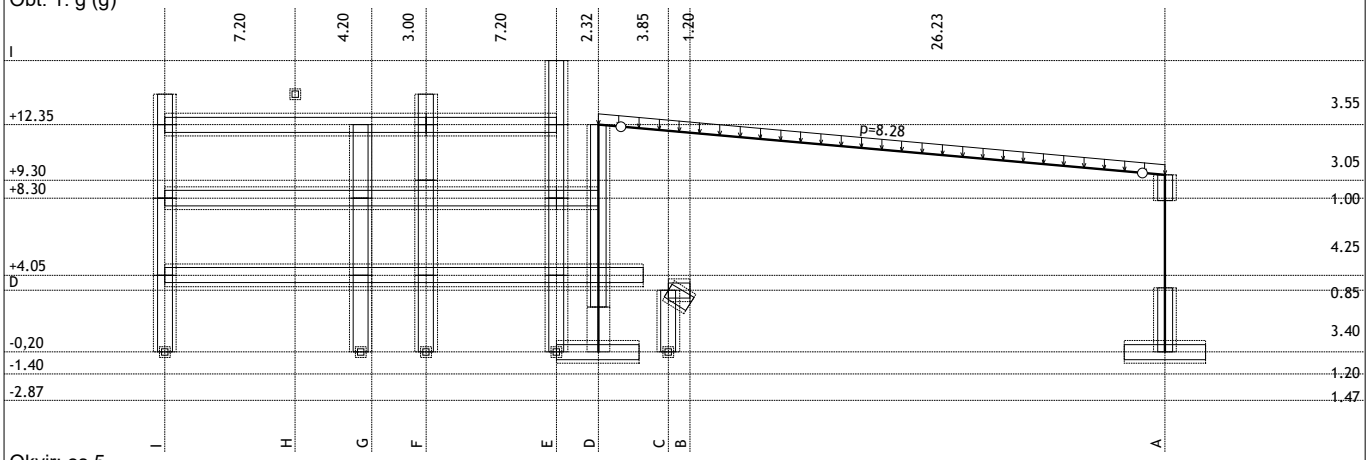
Obt. 1: g (g)



Okvir: os 4

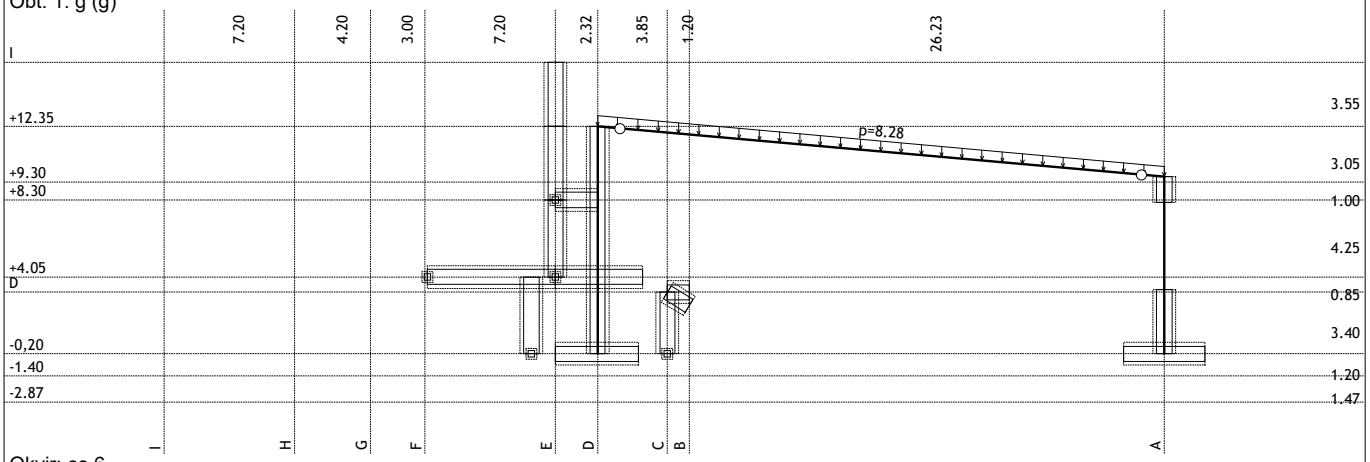
Vhodni podatki - Obtežba

Obt. 1: g (g)



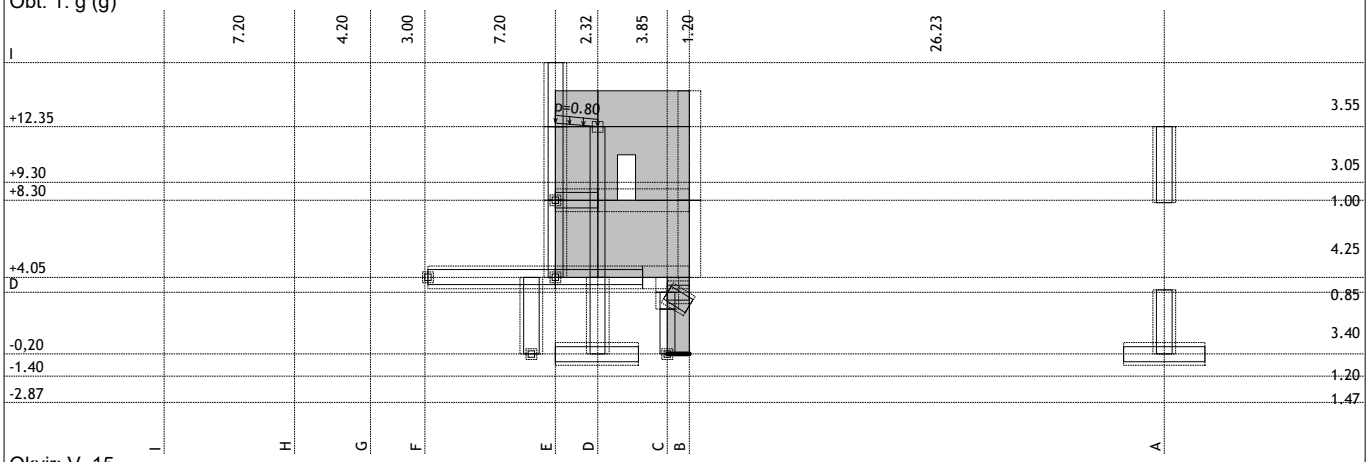
Okvir: os 5

Obt. 1: g (g)



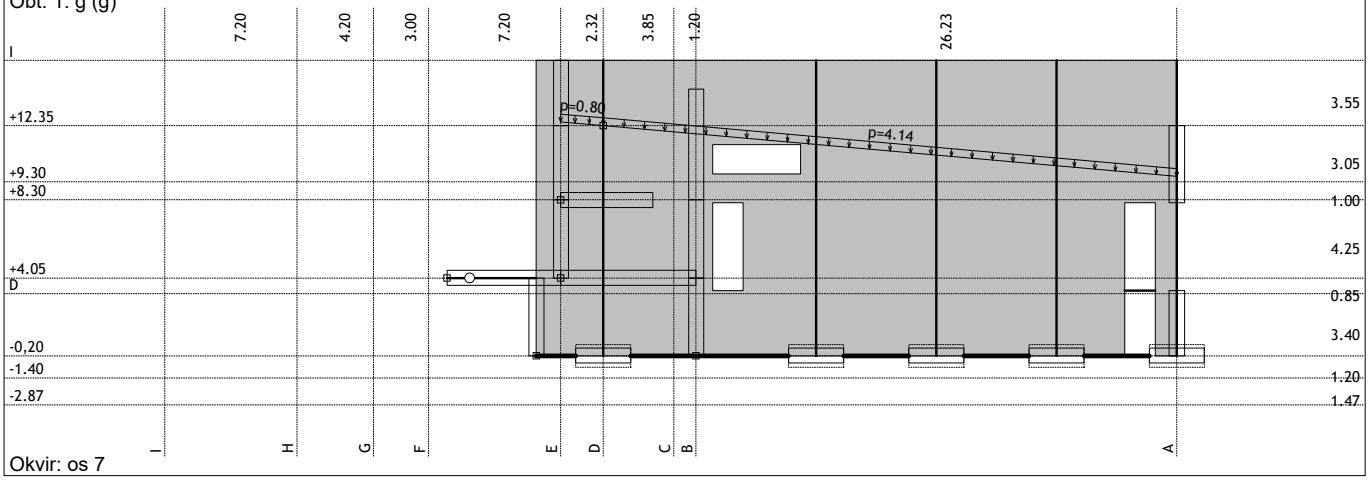
Okvir: os 6

Obt. 1: g (g)



Okvir: V_15

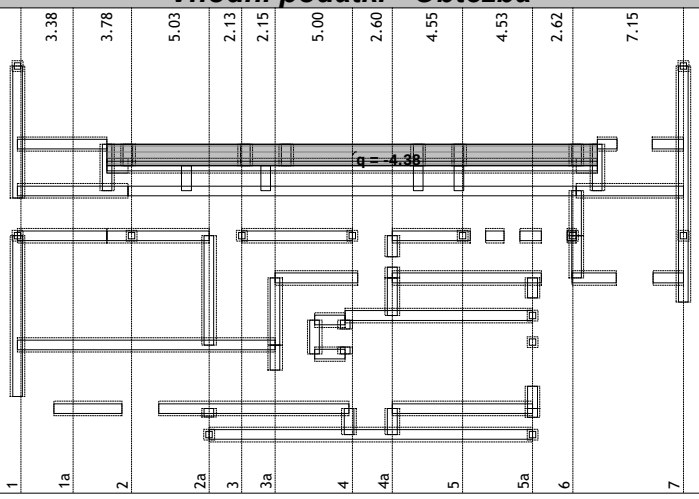
Obt. 1: g (g)



Okvir: os 7

Vhodni podatki - Obtežba

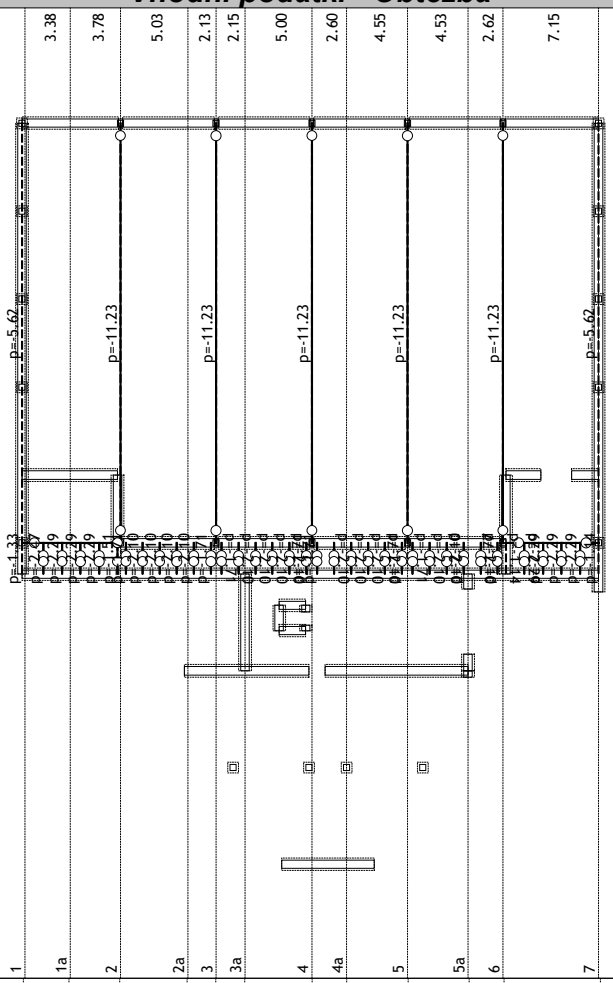
Obt. 1: g (g)



Pogled: tribune

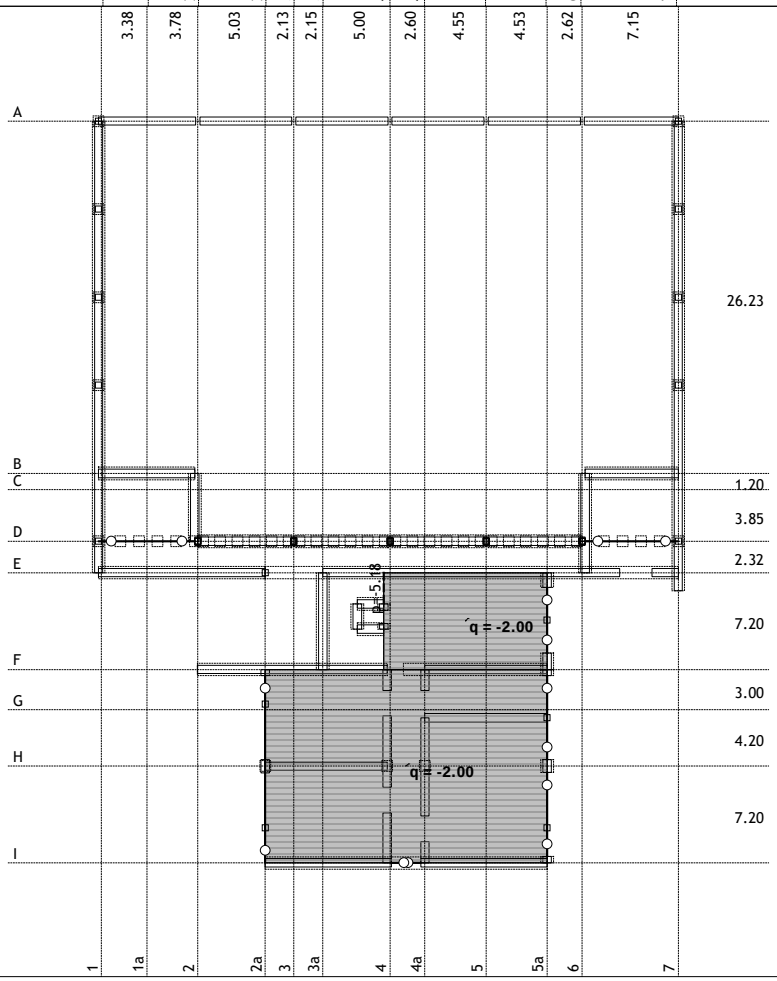
Vhodni podatki - Obtežba

Obt. 2: p



Pogled: STREHA DVORANE

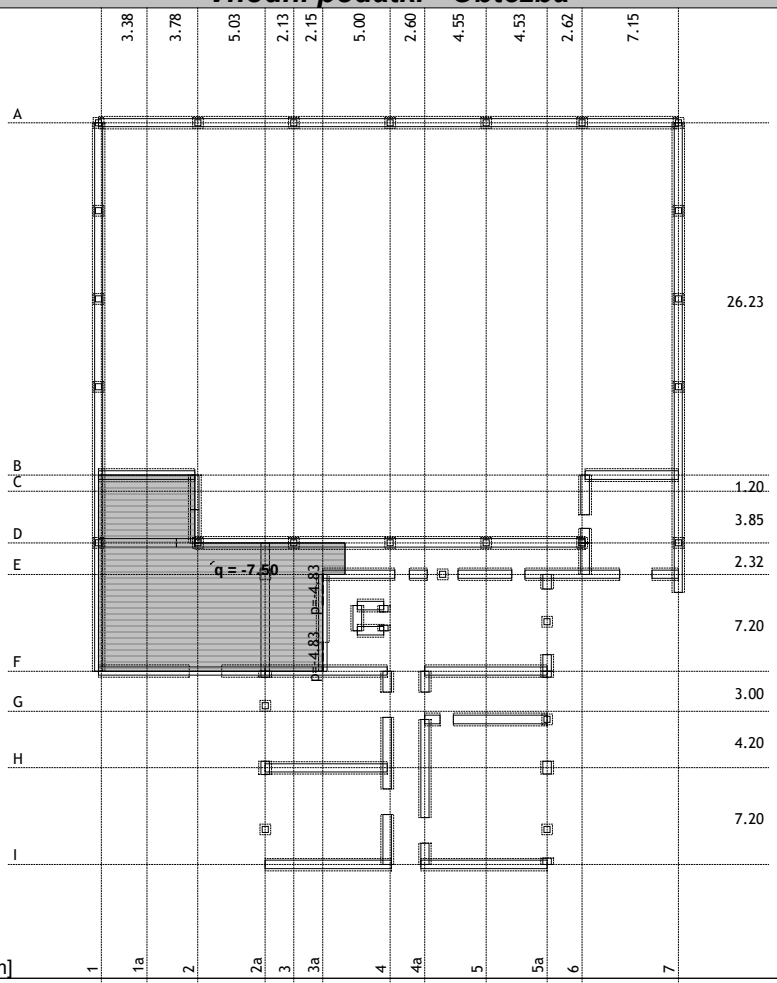
Obt. 2: p



Nivo: nad II.NAD [12.35 m]

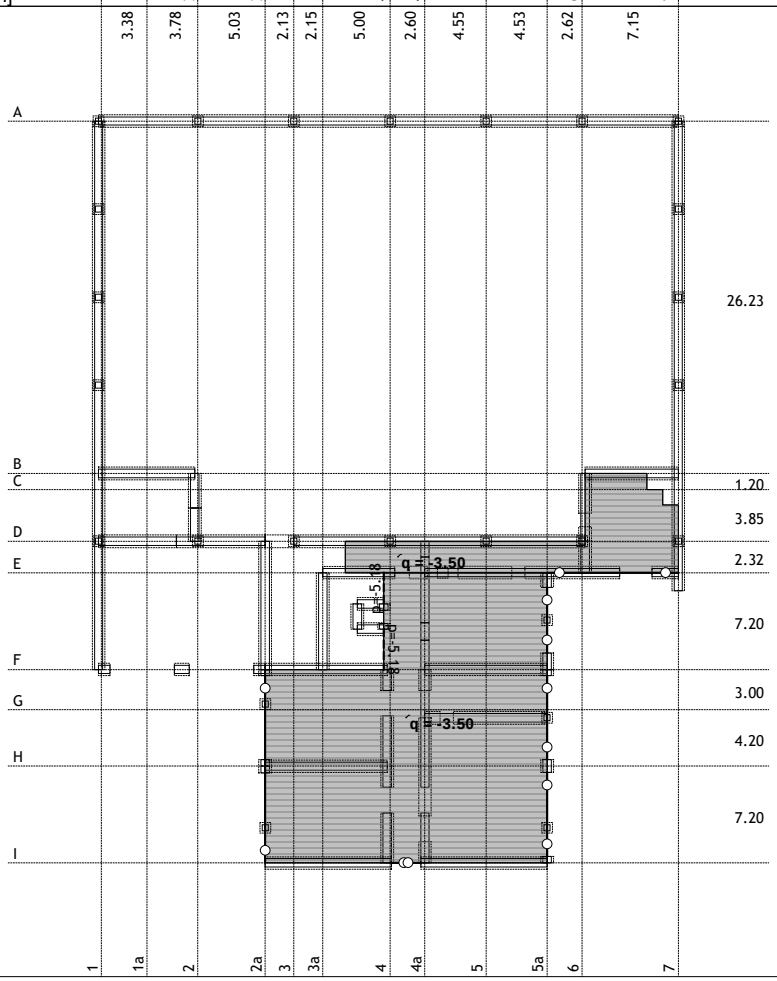
Vhodni podatki - Obtežba

Obt. 2: p



Nivo: nad I.NAD dvorana [9.30 m]

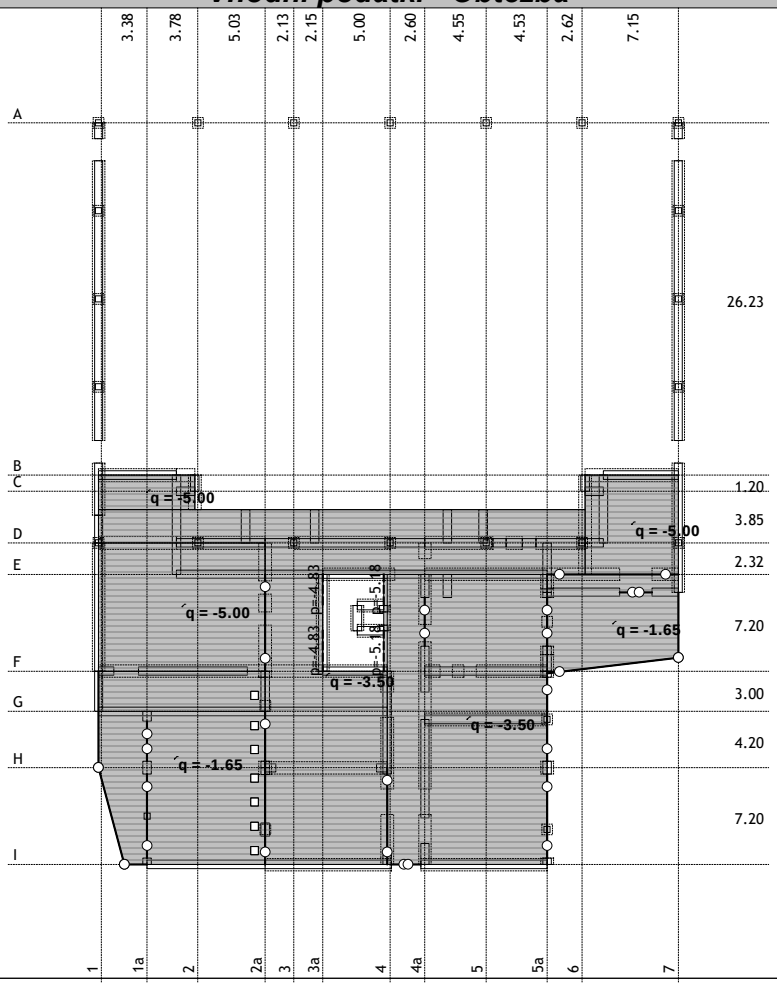
Obt. 2: p



Nivo: nad I.NAD [8.30 m]

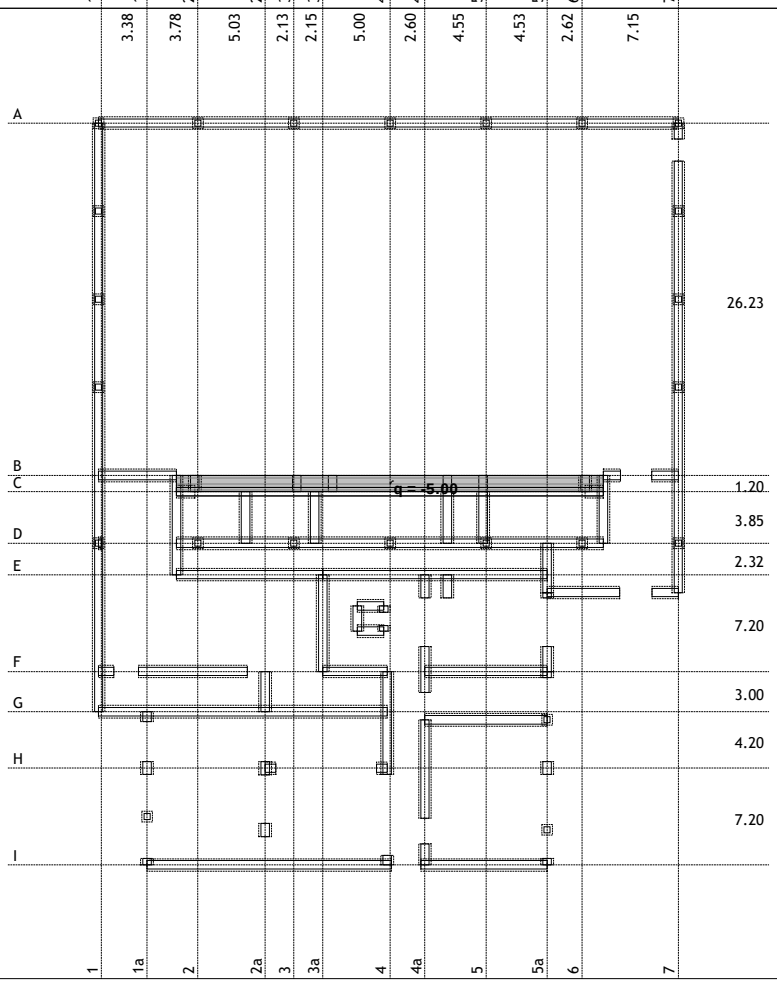
Vhodni podatki - Obtežba

Obt. 2: p



Nivo: nad PT [4.05 m]

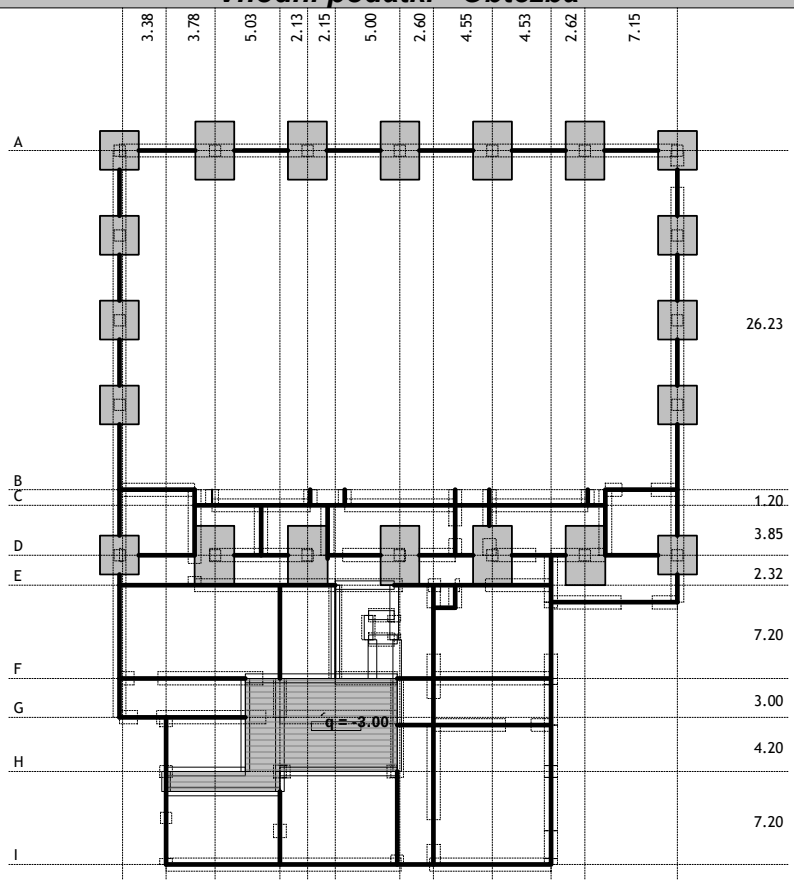
Obt. 2: p



Nivo: tribune [3.20 m]

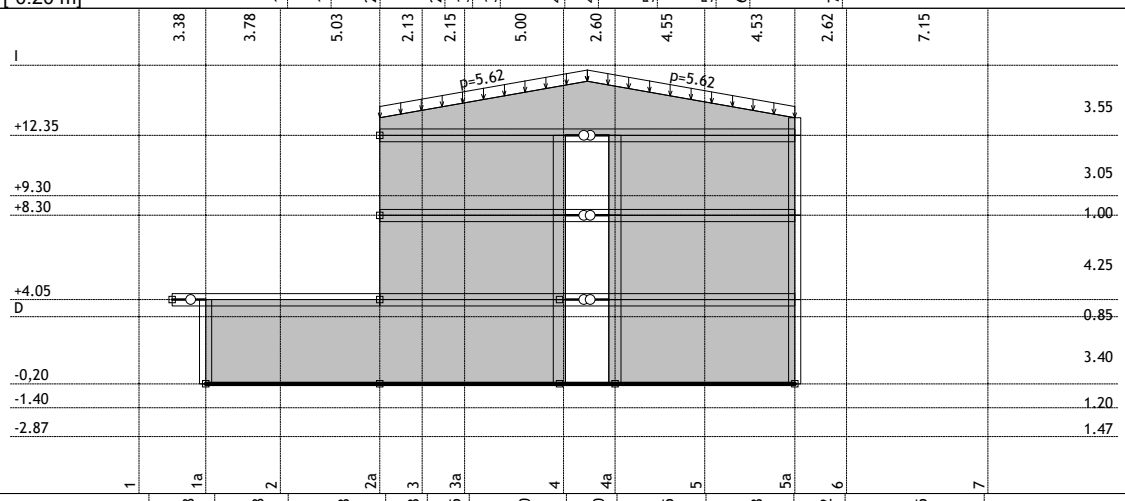
Vhodni podatki - Obtežba

Obt. 2: p



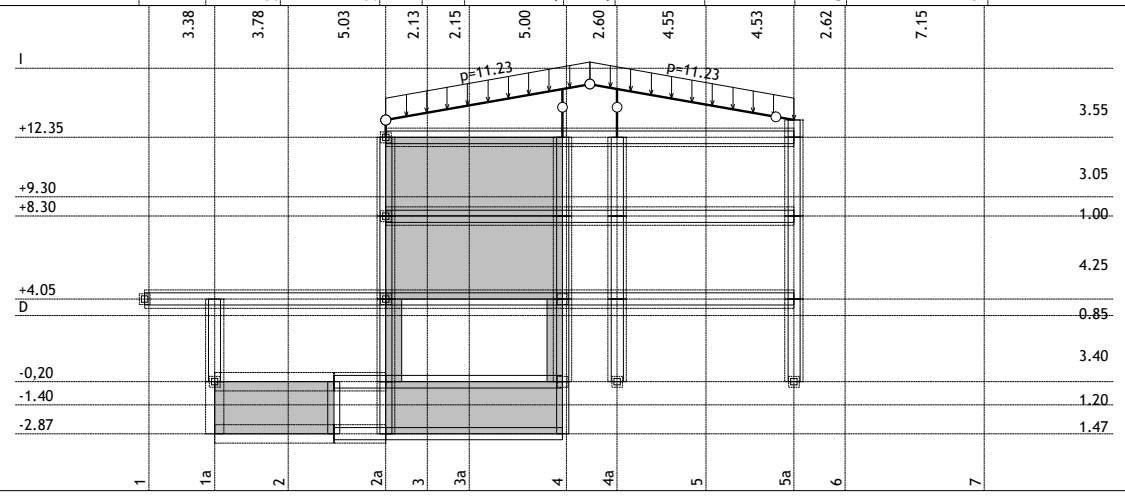
Nivo: temelji [-0.20 m]

Obt. 2: p



Okvir: os I

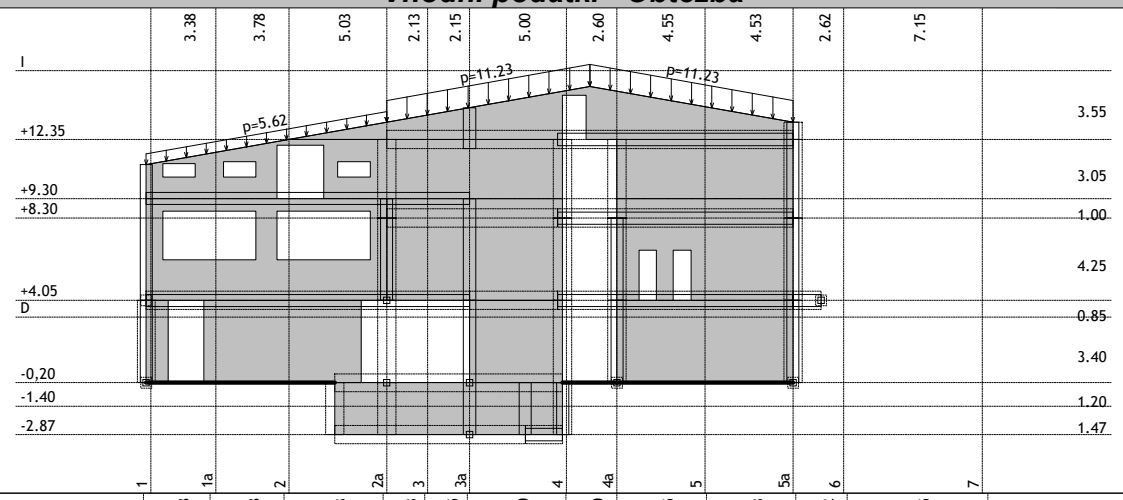
Obt. 2: p



Okvir: os H

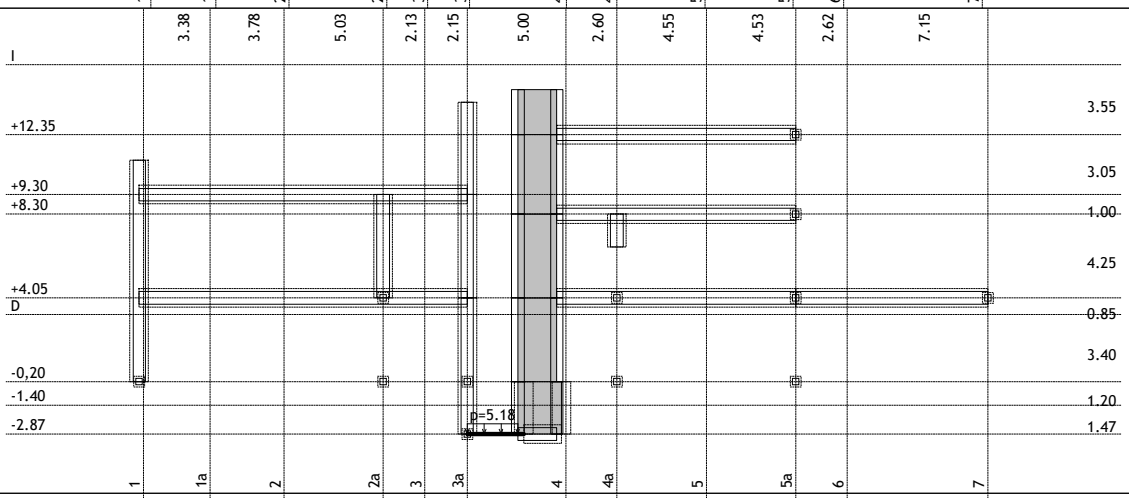
Vhodni podatki - Obtežba

Obt. 2: p



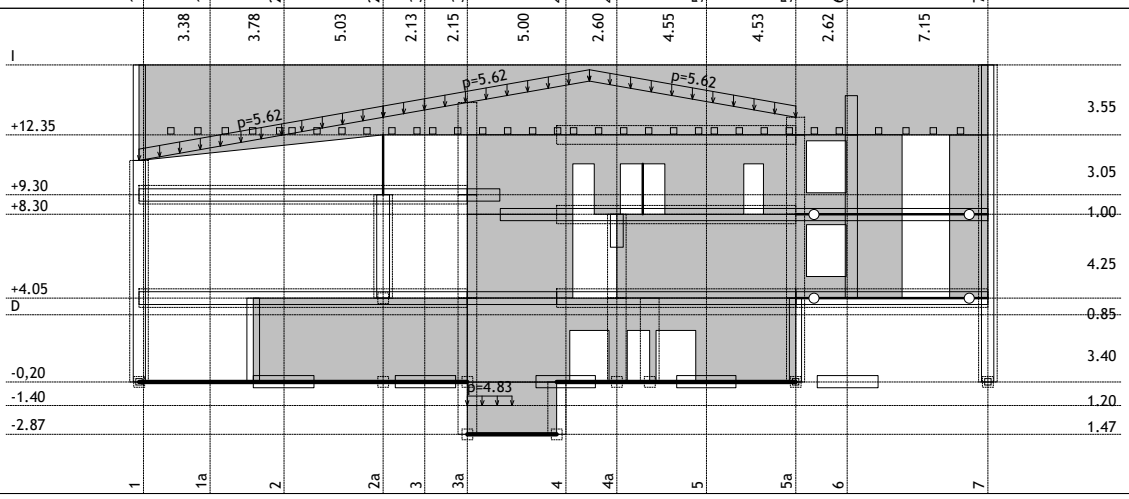
Okvir: os F

Obt. 2: p



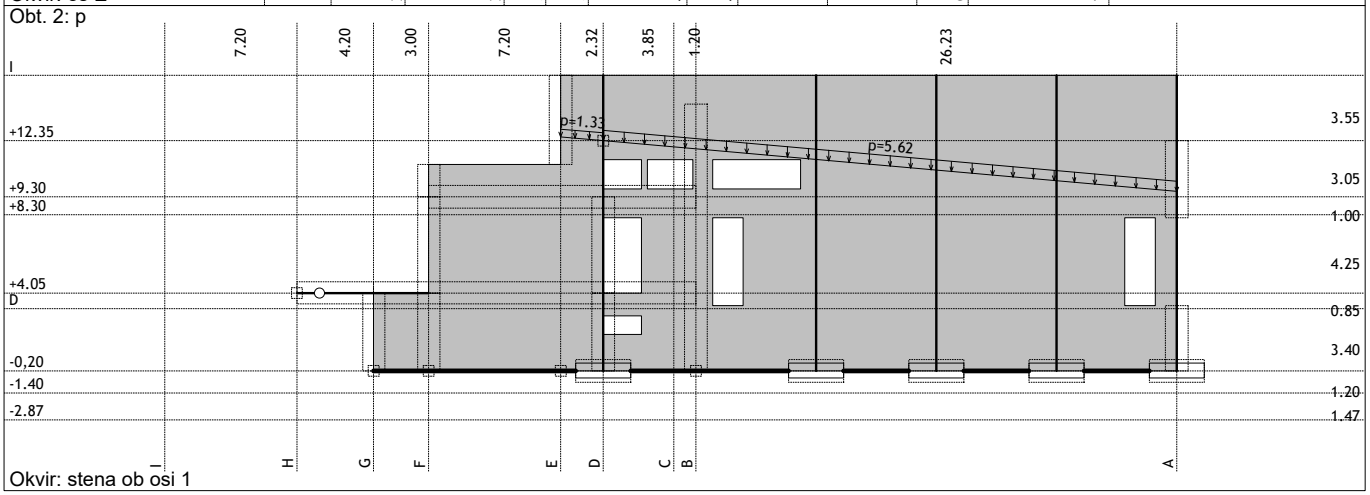
Okvir: H_4

Obt. 2: p



Okvir: os E

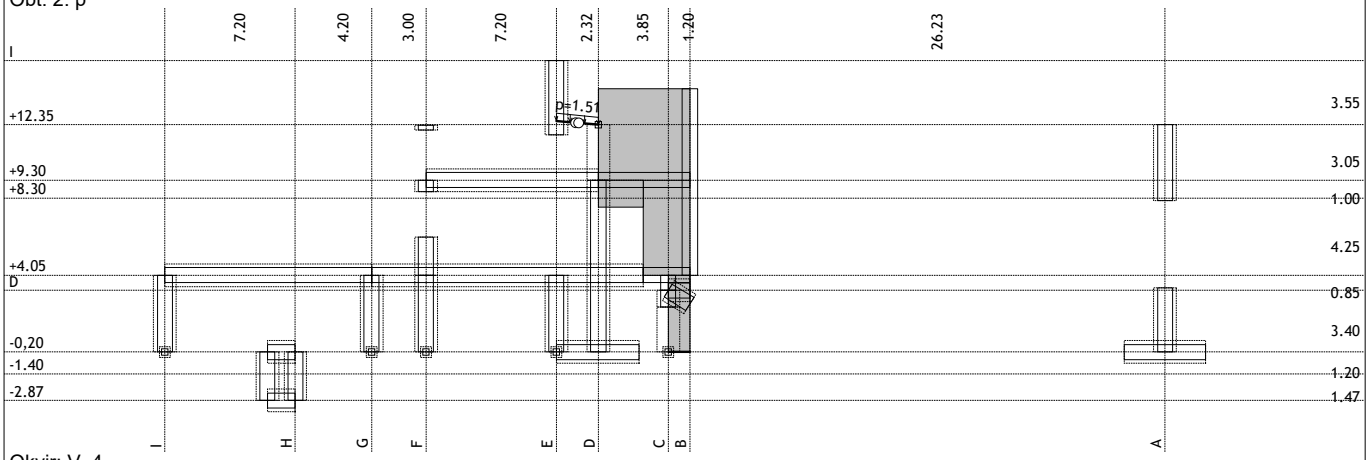
Obt. 2: p



Okvir: stena ob osi 1

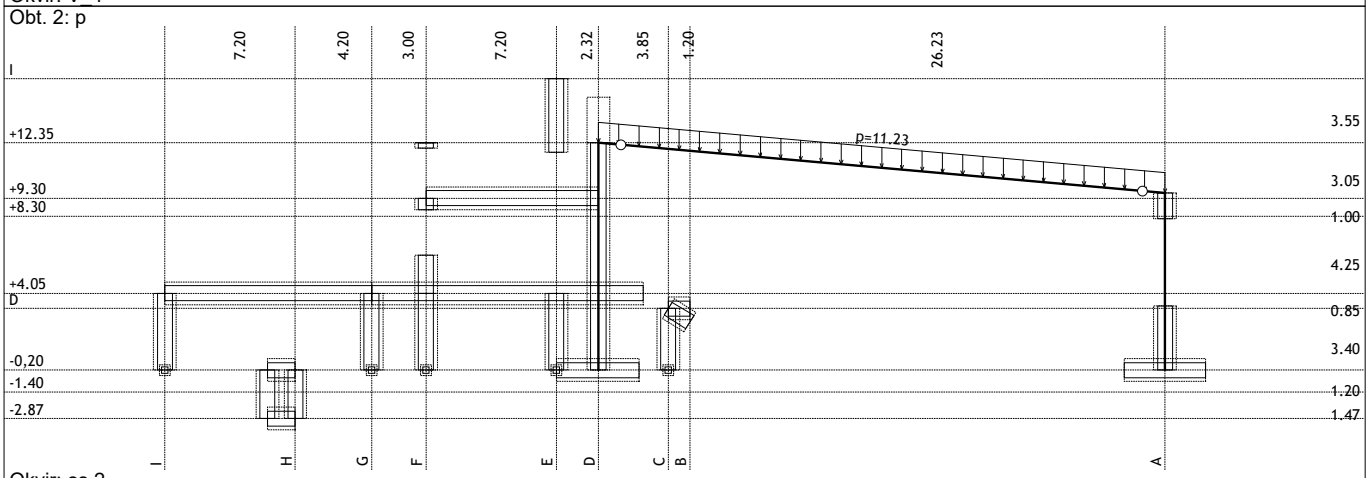
Vhodni podatki - Obtežba

Obt. 2: p



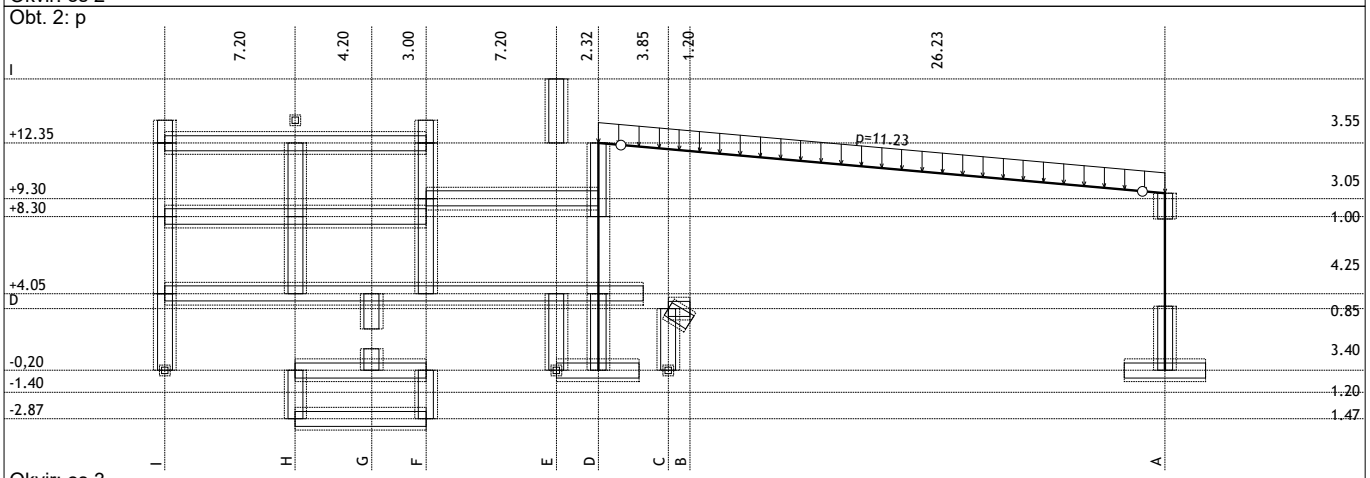
Okvir: V_4

Obt. 2: p



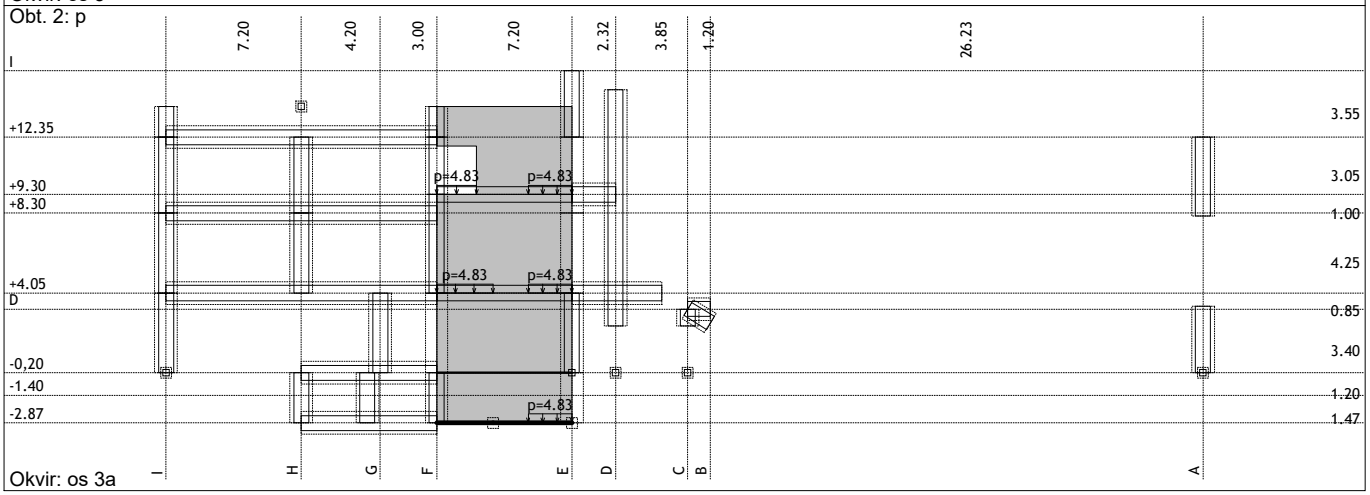
Okvir: os 2

Obt. 2: p



Okvir: os 3

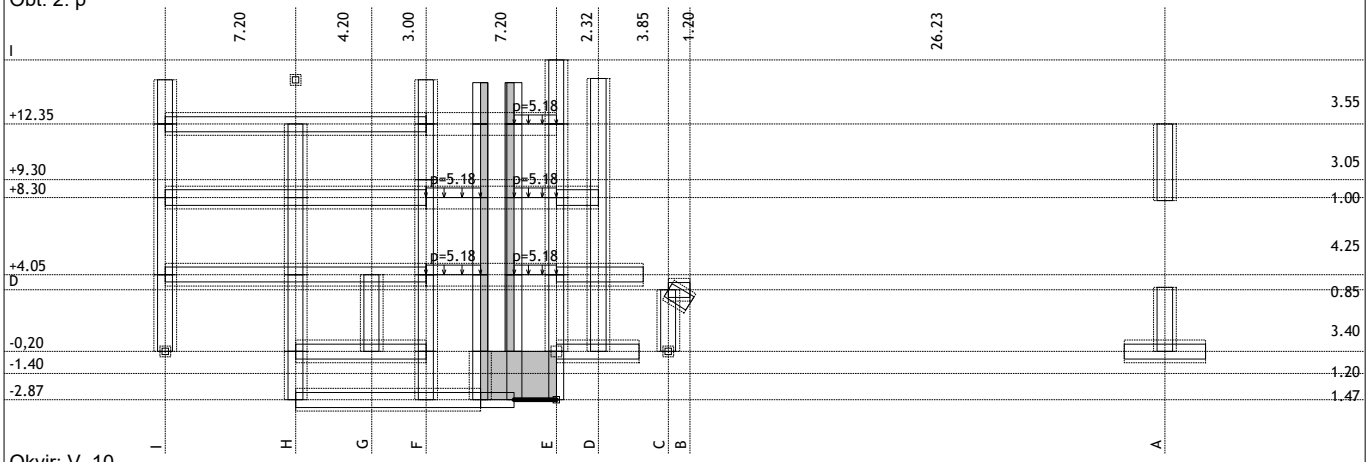
Obt. 2: p



Okvir: os 3a

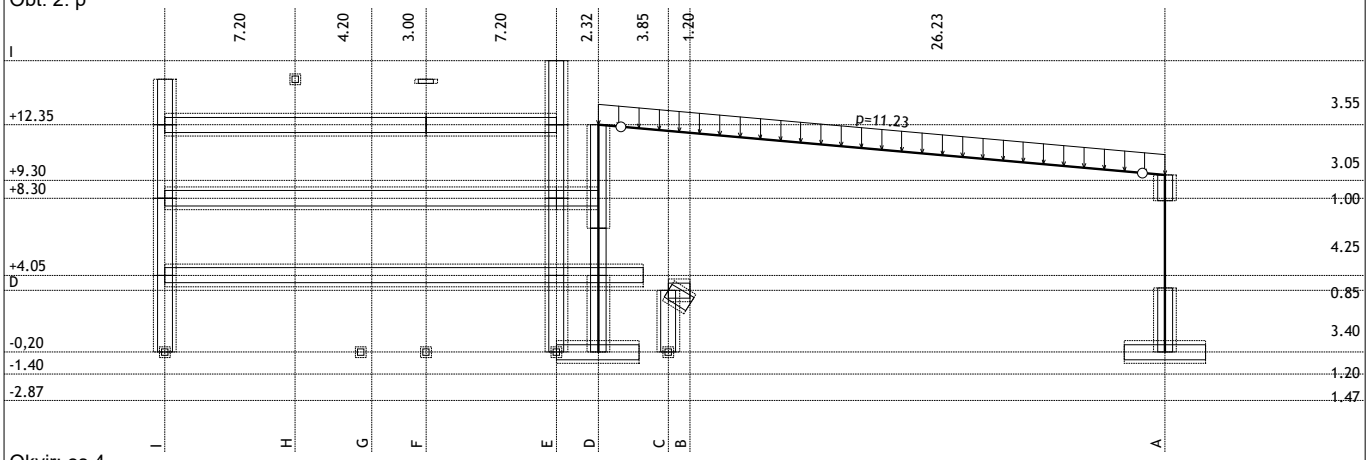
Vhodni podatki - Obtežba

Obt. 2: p



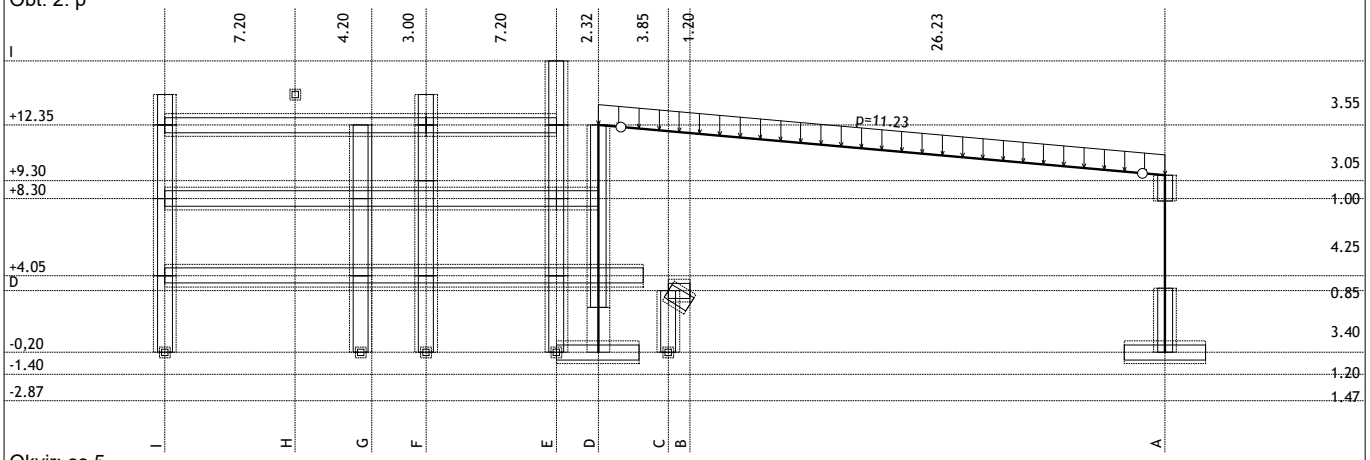
Okvir: V_10

Obt. 2: p



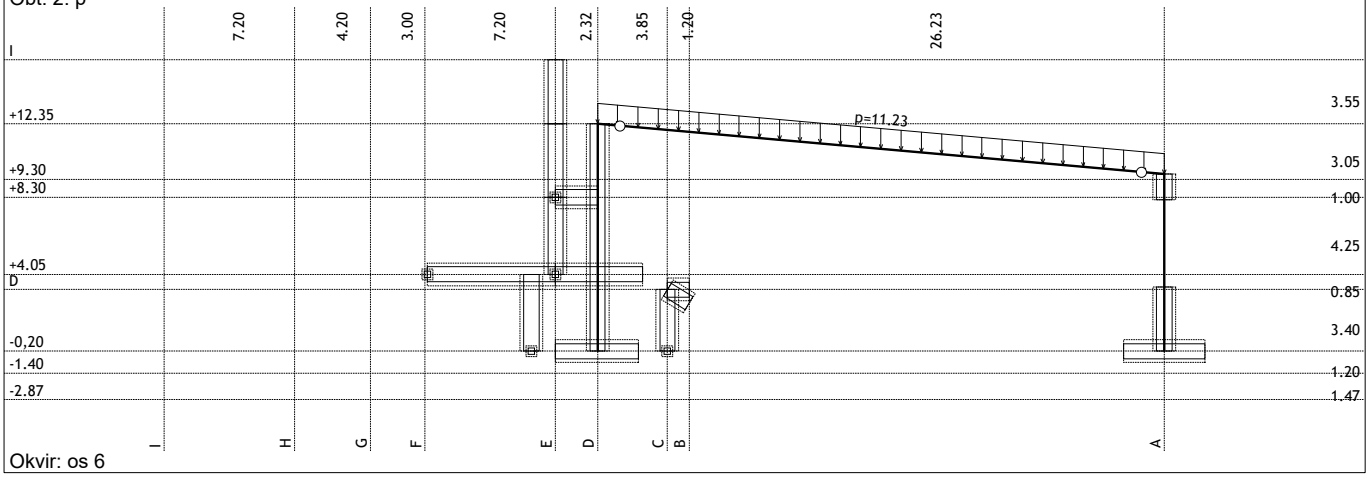
Okvir: os 4

Obt. 2: p



Okvir: os 5

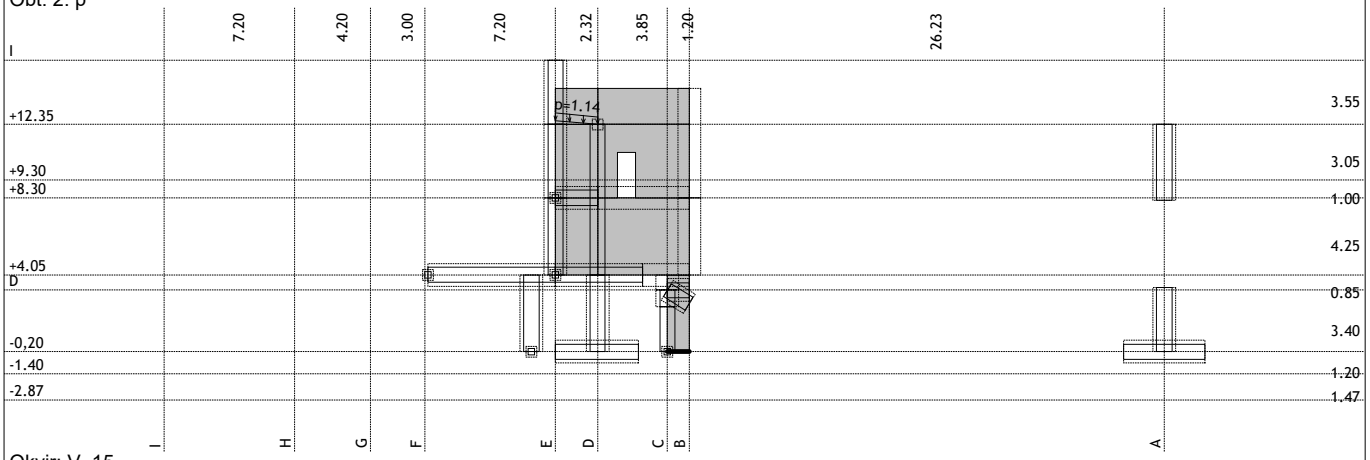
Obt. 2: p



Okvir: os 6

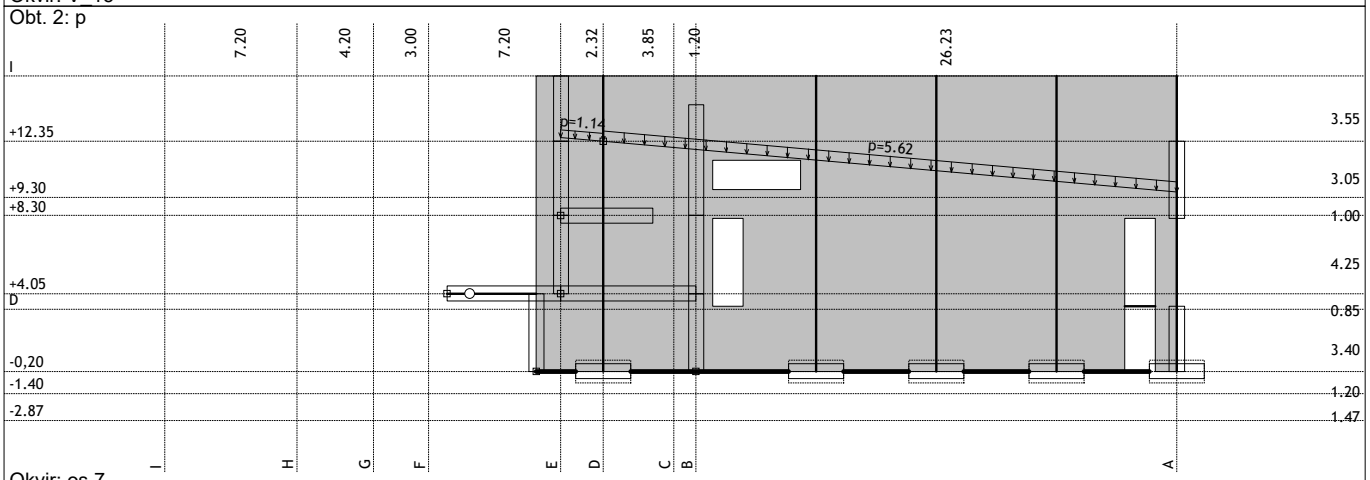
Vhodni podatki - Obtežba

Obt. 2: p



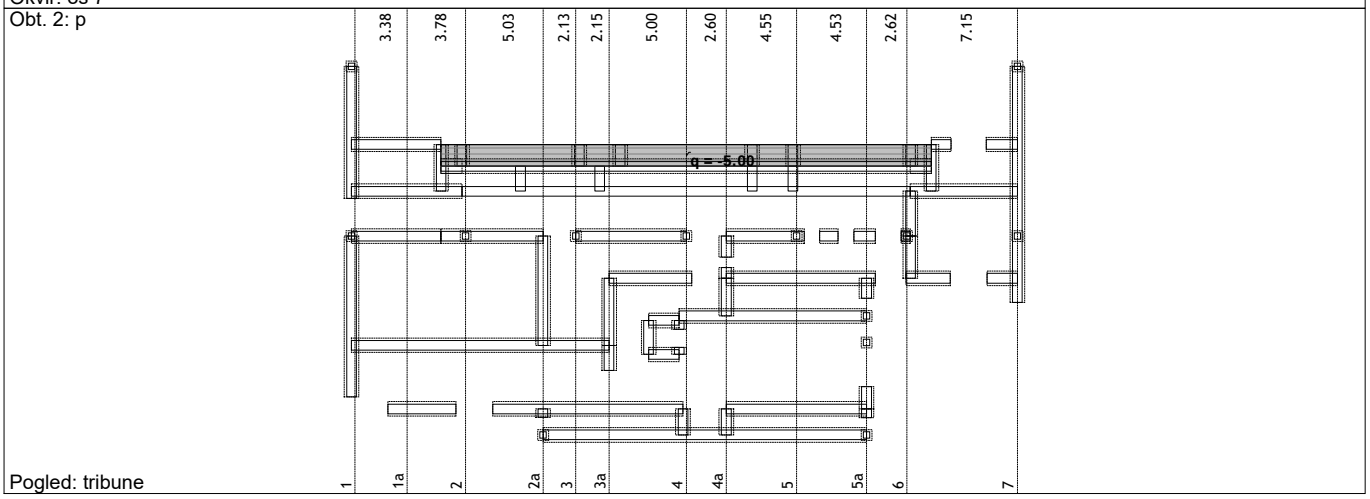
Okvir: V_15

Obt. 2: p



Okvir: os 7

Obt. 2: p



Pogled: tribune

Modalna analiza

Napredne opcije seizmičnega preračuna:

Mase grupirane v nivojih izbranih etaž
Sodelovanje zidov: 6.000 x d
Preprečeno nihanje v Z smeri

Faktorji obtežb za preračun mas		
No	Naziv	Koeficient
1	g (g)	1.00
2	p	0.15

Razporeditev mas po višini objekta					
Nivo	Z [m]	X [m]	Y [m]	Masa [T]	T/m2
nad II.NAD	12.35	22.14	21.69	1329.13	3.42
nad I.NAD dvorana	9.30	15.68	22.36	778.63	3.92
nad I.NAD	8.30	24.47	15.88	1012.73	2.12
nad PT	4.05	19.51	16.64	1467.24	1.49
tribune	3.20	19.85	28.16	2747.91	72.12
Skupno:	6.38	20.39	22.37	7335.63	

Položaj centra togosti po višini objekta			
Nivo	Z [m]	X [m]	Y [m]
nad II.NAD	12.35	22.56	18.39
nad I.NAD dvorana	9.30	16.42	45.57
nad I.NAD	8.30	16.46	48.78
nad PT	4.05	21.25	12.69
tribune	3.20	12.07	38.10

Ekscentriciteta po višini objekta			
Nivo	Z [m]	eox [m]	eoy [m]
nad II.NAD	12.35	0.42	3.30
nad I.NAD dvorana	9.30	0.75	23.20
nad I.NAD	8.30	8.02	32.90
nad PT	4.05	1.75	3.95
tribune	3.20	7.78	9.94

Nihajne dobe konstrukcije		
No	T [s]	f [Hz]
1	0.5156	1.9394
2	0.5136	1.9469
3	0.2530	3.9526
4	0.2504	3.9931
5	0.1954	5.1165
6	0.1585	6.3106
7	0.1496	6.6853
8	0.1472	6.7922
9	0.1448	6.9051
10	0.1416	7.0607
11	0.1390	7.1920
12	0.1366	7.3214
13	0.1138	8.7837
14	0.1129	8.8564
15	0.1034	9.6703
16	0.1003	9.9677
17	0.0946	10.5731
18	0.0941	10.6236
19	0.0893	11.1941
20	0.0854	11.7036
21	0.0816	12.2476
22	0.0799	12.5131
23	0.0791	12.6493
24	0.0773	12.9393
25	0.0748	13.3772
26	0.0735	13.6062
27	0.0730	13.7058
28	0.0701	14.2632
29	0.0680	14.7026
30	0.0671	14.9046
31	0.0651	15.3599
32	0.0647	15.4599
33	0.0629	15.9001
34	0.0623	16.0481
35	0.0617	16.1959
36	0.0609	16.4082
37	0.0607	16.4848
38	0.0603	16.5733
39	0.0596	16.7705
40	0.0594	16.8338
41	0.0583	17.1530
42	0.0577	17.3233
43	0.0565	17.6930
44	0.0561	17.8262
45	0.0531	18.8392
46	0.0522	19.1566
47	0.0501	19.9503
48	0.0489	20.4322
49	0.0489	20.4571
50	0.0481	20.7778
51	0.0479	20.8629
52	0.0478	20.9322
53	0.0473	21.1458
54	0.0470	21.2992
55	0.0461	21.6728
56	0.0457	21.9040
57	0.0455	21.9866
58	0.0438	22.8490
59	0.0427	23.4370
60	0.0426	23.4839
61	0.0420	23.8238
62	0.0416	24.0260
63	0.0409	24.4238
64	0.0409	24.4532
65	0.0399	25.0712
66	0.0398	25.1452
67	0.0396	25.2836
68	0.0391	25.5544
69	0.0388	25.7652
70	0.0383	26.0975
71	0.0378	26.4449
72	0.0374	26.7424
73	0.0368	27.1982
74	0.0364	27.4975
75	0.0359	27.8311
76	0.0359	27.8907
77	0.0358	27.9085
78	0.0357	28.0092
79	0.0353	28.3403
80	0.0345	28.9475
81	0.0340	29.4472
82	0.0332	30.1039
83	0.0330	30.2807
84	0.0327	30.5989
85	0.0324	30.8930
86	0.0316	31.6297
87	0.0314	31.8832
88	0.0308	32.4549
89	0.0308	32.5023
90	0.0303	33.0181
91	0.0300	33.3715
92	0.0298	33.5831
93	0.0296	33.8198
94	0.0291	34.3951
95	0.0288	34.6643
96	0.0282	35.4616
97	0.0279	35.8366
98	0.0277	36.0776
99	0.0275	36.3843
100	0.0273	36.6598

Seizmični preračun

Seizmični preračun: EC8 SLO

Kategorija tal:	D
Kategorija pomena:	I (γ=0.8)
Razmerje ag/g:	0.20
Faktor obnašanja:	2
Koeficient dušenja:	0.05
S:	1.35
Tb:	0.2
Tc:	0.8
Td:	2

Faktorji smeri potresa:

Naziv	Kx	Ky	Kz
Qx	1.000	0.000	0.000
Qy	0.000	1.000	0.000

Qx

Nivo	Z [m]	Ton 1			Ton 2			Ton 3		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	419.68	0.20	0.03	49.91	-0.57	-0.05	-0.04	-0.05	-0.00
nad I.NAD dvorana	9.30	1.51	-0.33	-0.20	-0.22	0.01	0.06	0.05	-0.02	-0.00
nad I.NAD	8.30	0.54	-0.34	-0.05	0.26	0.00	0.00	0.02	-0.01	-0.00
nad PT	4.05	29.72	-0.05	-0.01	-4.29	-0.00	-0.02	-0.00	-0.00	-0.00
tribune	3.20	0.57	0.01	-0.23	0.17	0.12	0.15	0.03	0.00	-0.00
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	452.02	-0.51	-0.46	45.82	-0.44	0.16	0.06	-0.08	-0.01

Nivo	Z [m]	Ton 4			Ton 5			Ton 6		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-0.00	0.01	0.00	-0.02	0.24	0.00	0.01	-1.65	-0.00
nad I.NAD dvorana	9.30	-0.00	0.00	0.00	-0.01	0.08	0.00	0.00	-0.16	-0.00
nad I.NAD	8.30	0.00	0.00	0.00	-0.01	0.17	-0.00	-0.00	-0.16	-0.01
nad PT	4.05	0.00	0.00	-0.00	-0.01	0.18	0.01	-0.00	-0.08	-0.00
tribune	3.20	0.00	0.00	0.00	0.90	31.42	-1.82	0.01	-0.06	0.02
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	0.00	0.02	0.00	0.84	32.09	-1.80	0.01	-2.10	0.00

Nivo	Z [m]	Ton 7			Ton 8			Ton 9		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	0.29	-4.58	-0.08	71.70	2.00	0.02	0.61	-0.17	-0.02
nad I.NAD dvorana	9.30	0.13	-0.47	-0.02	3.57	-0.63	-0.20	-0.22	0.04	0.03
nad I.NAD	8.30	0.02	-0.85	0.01	2.07	-0.49	-0.14	0.14	0.06	-0.00
nad PT	4.05	0.02	-0.31	-0.00	2.65	-0.00	-0.05	-0.08	0.02	-0.01
tribune	3.20	-0.05	-0.30	0.06	2.49	1.02	-0.32	0.09	0.17	0.09
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	0.41	-6.51	-0.03	82.48	1.88	-0.69	0.55	0.13	0.09

Nivo	Z [m]	Ton 10			Ton 11			Ton 12		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	0.01	0.05	0.00	-0.00	0.18	-0.00	0.00	-0.02	-0.00
nad I.NAD dvorana	9.30	-0.01	0.04	-0.00	0.00	0.02	-0.07	0.00	-0.01	-0.00
nad I.NAD	8.30	0.00	-0.00	0.00	-0.00	0.02	0.00	-0.00	-0.01	-0.00
nad PT	4.05	0.00	0.00	0.00	0.00	0.01	0.00	-0.00	-0.00	0.00
tribune	3.20	0.00	0.04	-0.01	-0.00	0.01	-0.00	0.00	0.00	-0.00
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	0.01	0.13	-0.01	0.00	0.24	-0.07	0.00	-0.04	-0.00

Nivo	Z [m]	Ton 13			Ton 14			Ton 15		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	0.02	3.08	0.03	0.01	0.54	-0.00	1.48	-7.05	-0.07
nad I.NAD dvorana	9.30	-0.21	1.36	0.04	0.00	0.09	0.01	0.24	-2.20	0.08
nad I.NAD	8.30	0.47	1.74	0.01	0.00	0.07	0.00	-0.15	-1.83	-0.11
nad PT	4.05	0.10	1.16	0.03	0.00	0.04	0.00	-0.12	-0.78	-0.03
tribune	3.20	0.35	21.57	-1.43	-0.01	-0.08	0.00	0.19	-1.08	0.22
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	0.73	28.91	-1.33	0.00	0.67	0.02	1.63	-12.95	0.11

Nivo	Z [m]	Ton 16			Ton 17			Ton 18		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	0.74	4.07	0.04	0.11	-64.75	-0.76	55.03	-34.10	-0.38
nad I.NAD dvorana	9.30	-0.26	0.80	0.05	3.64	-17.72	-0.55	-1.55	-8.30	-0.20
nad I.NAD	8.30	-0.04	1.02	0.01	0.10	-30.05	-0.23	-2.01	-14.38	0.05
nad PT	4.05	-0.01	0.43	0.02	-0.05	-12.64	-0.16	0.45	-6.47	0.11
tribune	3.20	0.15	-0.43	-0.11	0.57	-4.43	1.31	-2.85	-0.29	0.72
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	0.58	5.89	0.01	4.36	-129.59	-0.39	49.07	-63.53	0.30

Nivo	Z [m]	Ton 19			Ton 20			Ton 21		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	1.03	6.14	0.31	-14.55	0.23	-0.01	0.48	1.54	0.03
nad I.NAD dvorana	9.30	0.46	4.65	-0.71	-0.39	0.62	0.11	1.28	-1.69	0.03
nad I.NAD	8.30	0.60	2.43	0.22	0.14	0.57	0.04	-0.59	-1.93	-0.06
nad PT	4.05	0.35	0.81	0.09	78.97	0.04	0.00	0.29	-0.32	0.01
tribune	3.20	-0.19	3.77	-0.58	0.53	0.17	0.17	-0.19	-1.43	-0.31
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	2.25	17.80	-0.67	64.70	1.64	0.30	1.28	-3.84	-0.30

		Ton 22			Ton 23			Ton 24		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	1.49	7.96	-0.08	0.08	0.40	0.01	84.80	-9.66	-0.52
nad I.NAD dvorana	9.30	0.67	1.46	0.03	0.03	-1.81	0.21	21.07	25.41	-4.58
nad I.NAD	8.30	1.32	2.33	-0.13	-0.10	-2.39	-0.06	18.51	37.48	0.20
nad PT	4.05	0.92	-3.01	-0.16	-0.09	-0.49	-0.02	13.01	7.39	-0.07
tribune	3.20	18.64	-111.82	5.96	0.15	-1.74	0.13	19.74	24.14	-1.50
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	23.05	-103.08	5.62	0.08	-6.04	0.28	157.12	84.76	-6.47

		Ton 25			Ton 26			Ton 27		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	16.26	-30.02	-1.98	4.79	1.11	0.01	0.03	2.79	0.12
nad I.NAD dvorana	9.30	16.79	-26.68	-0.64	2.33	0.96	-0.14	0.62	0.40	0.18
nad I.NAD	8.30	9.28	-28.27	0.42	1.06	1.41	-0.02	0.01	-0.53	0.07
nad PT	4.05	4.86	-9.82	-1.38	0.47	0.32	0.02	0.31	0.66	0.05
tribune	3.20	1.11	-14.50	7.38	2.18	0.70	-0.33	8.15	17.94	0.59
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	48.30	-109.30	3.80	10.84	4.51	-0.46	9.11	21.25	1.00

		Ton 28			Ton 29			Ton 30		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	0.23	3.25	0.04	406.45	34.98	1.50	2.40	6.97	-1.74
nad I.NAD dvorana	9.30	0.51	-0.86	0.33	494.90	13.31	1.10	16.60	-1.65	-0.89
nad I.NAD	8.30	-0.13	-4.43	0.08	282.59	-11.81	4.58	1.88	13.64	-0.49
nad PT	4.05	-0.05	-0.50	-0.02	162.30	6.81	2.63	2.19	3.82	0.02
tribune	3.20	0.27	-0.59	-0.18	133.51	13.42	-9.94	10.75	-1.52	0.68
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	0.83	-3.13	0.25	1479.8	56.71	-0.14	33.82	21.27	-2.42

		Ton 31			Ton 32			Ton 33		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	77.42	22.37	-0.35	240.86	159.34	-6.52	575.60	93.13	3.07
nad I.NAD dvorana	9.30	98.11	-34.04	-6.67	202.43	-5.04	2.37	425.25	131.96	-5.99
nad I.NAD	8.30	33.60	-26.21	-3.31	137.91	-94.17	-4.11	397.74	92.50	-3.25
nad PT	4.05	26.99	-14.57	-0.95	83.48	11.25	-3.34	237.15	92.50	0.70
tribune	3.20	45.62	-17.61	-0.33	197.67	18.42	2.72	490.10	122.43	-51.91
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	281.74	-70.07	-11.61	862.35	89.80	-8.89	2125.8	532.52	-57.38

		Ton 34			Ton 35			Ton 36		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	179.56	-89.63	3.37	306.41	-30.01	9.07	26.36	-0.82	0.17
nad I.NAD dvorana	9.30	113.91	-47.74	-8.90	179.31	3.11	-7.84	6.77	8.38	0.74
nad I.NAD	8.30	159.57	17.32	-5.55	172.60	19.63	-1.36	17.31	-0.93	0.12
nad PT	4.05	81.03	-46.65	-1.11	119.33	-22.84	2.51	-5.83	4.70	0.12
tribune	3.20	180.37	-96.90	7.13	113.52	-37.13	-21.86	4.78	14.84	-0.88
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	714.44	-263.60	-5.05	891.18	-67.25	-19.48	49.41	26.18	0.26

		Ton 37			Ton 38			Ton 39		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	0.54	-0.30	-0.20	45.63	-19.32	1.15	4.75	-3.44	-0.49
nad I.NAD dvorana	9.30	0.41	1.09	0.06	31.76	-43.12	-5.48	3.72	-10.41	-0.57
nad I.NAD	8.30	1.37	1.81	-0.09	20.21	7.12	-1.26	2.80	0.49	-0.66
nad PT	4.05	1.91	1.47	0.02	3.65	-31.17	0.10	1.08	-5.26	-0.17
tribune	3.20	0.16	1.21	0.36	9.38	-87.16	4.14	0.55	-19.12	3.85
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	4.39	5.28	0.15	110.63	-173.66	-1.34	12.89	-37.75	1.95

		Ton 40			Ton 41			Ton 42		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	21.20	-19.84	-0.34	132.98	-73.50	-3.45	21.65	-44.90	0.14
nad I.NAD dvorana	9.30	-15.14	-1.80	2.16	-54.22	-59.22	-3.12	-58.03	108.08	7.66
nad I.NAD	8.30	24.82	-3.63	0.15	123.03	-15.14	-4.98	65.67	44.39	1.80
nad PT	4.05	12.16	-1.11	-0.13	53.70	-48.81	-5.22	31.97	65.82	0.74
tribune	3.20	-14.54	8.11	7.17	206.20	-173.57	36.86	202.05	196.13	-19.02
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	28.51	-18.27	9.01	461.69	-370.24	20.10	263.31	369.51	-8.68

		Ton 43			Ton 44			Ton 45		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	19.54	-7.11	1.83	61.70	-22.12	-0.41	-7.12	-2.29	0.72
nad I.NAD dvorana	9.30	59.55	55.84	-0.23	-20.30	-14.16	-0.75	-4.30	-7.76	0.02
nad I.NAD	8.30	-9.06	33.66	1.78	33.18	-32.81	0.29	-1.62	-19.48	-0.13
nad PT	4.05	7.94	54.24	2.96	20.17	-4.85	-0.19	-1.00	-8.94	-0.16
tribune	3.20	51.46	232.39	-40.38	-43.41	97.59	-3.17	22.26	28.10	-2.29
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	129.44	369.02	-34.03	51.33	23.66	-4.23	8.22	-10.37	-1.84

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Nivo	Z [m]	Ton 46			Ton 47			Ton 48		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	207.99	31.09	2.28	-3.46	2.56	0.14	-8.46	14.00	0.20
nad I.NAD dvorana	9.30	14.63	38.39	3.14	-0.44	-5.82	0.03	8.82	3.59	-0.31
nad I.NAD	8.30	110.63	30.21	5.59	-1.03	-4.78	0.03	3.56	-8.28	0.63
nad PT	4.05	62.21	8.35	5.38	0.03	-4.59	-0.27	4.94	-3.37	0.04
tribune	3.20	-233.35	-84.93	6.17	11.06	-7.38	1.25	48.91	-20.21	-0.80
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	162.11	23.11	22.56	6.16	-20.01	1.17	57.78	-14.26	-0.23

Nivo	Z [m]	Ton 49			Ton 50			Ton 51		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	1.52	-49.99	-5.78	8.44	14.59	-17.34	-3.72	40.25	6.61
nad I.NAD dvorana	9.30	-22.61	-47.25	6.34	-8.47	-132.27	12.94	21.29	-27.84	4.70
nad I.NAD	8.30	28.69	65.02	-1.53	74.50	111.99	-7.02	-20.26	-50.74	0.67
nad PT	4.05	30.17	55.08	2.02	67.34	9.10	0.12	-8.58	-47.38	0.60
tribune	3.20	510.11	275.59	0.14	626.46	-145.47	-0.69	270.25	-4.47	3.39
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	547.88	298.46	1.19	768.27	-142.06	-11.99	258.98	-90.18	15.97

Nivo	Z [m]	Ton 52			Ton 53			Ton 54		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	7.66	6.59	-0.26	-38.08	14.75	16.55	-38.27	5.25	1.47
nad I.NAD dvorana	9.30	2.33	-44.15	2.74	-57.01	194.97	15.60	-25.61	50.25	2.15
nad I.NAD	8.30	-0.50	1.61	-1.66	7.81	-93.27	11.86	-16.76	2.84	6.04
nad PT	4.05	1.70	-15.83	-0.05	26.56	-44.59	4.46	4.50	7.65	0.53
tribune	3.20	140.29	11.54	2.40	976.81	-305.25	18.07	225.26	-112.77	-6.67
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	151.49	-40.24	3.18	916.08	-233.40	66.54	149.11	-46.78	3.53

Nivo	Z [m]	Ton 55			Ton 56			Ton 57		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	8.43	10.47	3.81	1.87	-2.20	0.38	1.79	-3.23	1.80
nad I.NAD dvorana	9.30	-3.84	-25.26	0.30	-1.00	3.39	0.14	7.76	2.63	1.00
nad I.NAD	8.30	26.08	-34.21	0.33	-1.59	2.25	0.14	9.82	-0.32	-0.77
nad PT	4.05	27.02	-44.30	0.92	-1.58	0.34	0.12	8.25	6.43	0.88
tribune	3.20	22.28	-65.62	2.36	3.46	-2.70	-0.55	-13.72	40.65	-5.67
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	79.97	-158.93	7.72	1.16	1.07	0.22	13.90	46.16	-2.76

Nivo	Z [m]	Ton 58			Ton 59			Ton 60		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	19.14	-12.64	-0.60	5.66	-13.54	-1.29	4.80	8.09	0.14
nad I.NAD dvorana	9.30	-27.74	-36.78	0.87	2.49	-3.28	-2.02	-8.34	-1.36	0.80
nad I.NAD	8.30	-0.66	-1.93	-0.75	-2.96	22.22	-0.65	0.37	-8.35	0.18
nad PT	4.05	-0.95	-6.23	-0.59	-3.97	13.46	-0.34	0.10	-4.80	0.11
tribune	3.20	43.39	45.89	4.19	15.20	18.90	1.24	5.85	-2.22	0.70
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	33.18	-11.69	3.12	16.42	37.76	-3.06	2.79	-8.65	1.93

Nivo	Z [m]	Ton 61			Ton 62			Ton 63		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	0.75	11.28	-0.05	-3.64	3.73	0.13	0.11	2.18	-0.04
nad I.NAD dvorana	9.30	-0.28	-6.38	0.59	3.79	3.27	-0.57	-0.34	-1.30	0.03
nad I.NAD	8.30	1.22	-11.11	-0.01	-2.08	6.05	0.28	0.23	-1.65	0.00
nad PT	4.05	1.05	-9.54	-0.17	0.84	2.59	0.33	0.30	-1.21	0.00
tribune	3.20	-1.54	1.61	-0.16	7.97	-9.16	-1.19	-0.18	0.46	0.05
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	1.19	-14.14	0.20	6.89	6.48	-1.02	0.13	-1.53	0.05

Nivo	Z [m]	Ton 64			Ton 65			Ton 66		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	4.81	26.12	-0.56	0.40	-2.22	0.50	-2.18	0.67	-0.57
nad I.NAD dvorana	9.30	27.94	-0.46	-6.38	0.20	-1.05	-0.09	1.53	-5.43	-0.62
nad I.NAD	8.30	-2.98	-11.83	-1.18	-1.00	2.78	0.18	2.14	-1.76	-0.43
nad PT	4.05	-5.76	-0.74	0.26	0.34	-0.61	0.15	-0.04	1.02	-0.26
tribune	3.20	19.06	8.32	-6.11	0.74	-6.22	-0.51	-0.41	14.58	0.08
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	43.08	21.41	-13.97	0.68	-7.32	0.24	1.04	9.08	-1.80

Nivo	Z [m]	Ton 67			Ton 68			Ton 69		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	0.42	-0.12	0.14	2.28	-4.57	0.15	-6.93	12.41	-0.12
nad I.NAD dvorana	9.30	-0.24	1.32	0.05	-7.51	4.58	0.44	17.04	-19.12	-1.57
nad I.NAD	8.30	-0.26	0.87	0.05	3.14	1.61	-0.23	-11.31	-9.47	0.42
nad PT	4.05	1.12	0.58	0.10	0.74	9.47	0.15	-2.10	-3.17	-0.18
tribune	3.20	0.11	-2.73	-0.18	4.84	10.32	0.07	59.56	55.68	-9.59
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	1.15	-0.10	0.16	3.50	21.41	0.58	56.25	36.33	-11.04

Nivo	Z [m]	Ton 70			Ton 71			Ton 72		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-0.02	3.15	-0.04	-0.15	5.17	-0.69	-3.11	-9.25	0.21

Seizmični preračun

nad I.NAD dvorana	9.30	1.33	1.05	0.09	-1.54	4.49	-0.00	5.20	-9.74	-0.85
nad I.NAD	8.30	-0.71	0.75	0.04	-0.37	-0.15	-0.25	0.36	-4.49	0.11
nad PT	4.05	-0.32	-0.31	0.12	-0.12	6.39	0.16	0.37	-6.84	-0.56
tribune	3.20	-0.01	-4.50	-0.37	4.53	2.03	-0.18	3.30	15.12	-0.39
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	0.28	0.14	-0.16	2.34	17.93	-0.97	6.12	-15.20	-1.49

		Ton 73			Ton 74			Ton 75		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-0.01	0.20	-0.02	-20.01	15.88	0.81	-2.78	-8.38	0.29
nad I.NAD dvorana	9.30	-0.07	-0.09	0.00	-10.22	-5.67	-2.37	6.79	5.78	-0.19
nad I.NAD	8.30	-0.08	0.10	0.00	-28.37	45.35	2.31	0.65	-1.20	-0.04
nad PT	4.05	-0.01	0.06	0.00	11.02	42.12	2.82	0.30	2.87	-0.09
tribune	3.20	0.24	-0.00	-0.01	149.18	24.93	-5.25	-2.47	-1.30	-0.19
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	0.08	0.27	-0.02	101.61	122.61	-1.69	2.49	-2.23	-0.21

		Ton 76			Ton 77			Ton 78		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-0.05	-0.16	0.01	-0.32	-1.03	0.02	0.27	0.98	0.03
nad I.NAD dvorana	9.30	0.22	0.31	0.00	0.79	0.57	-0.04	-0.97	0.24	0.04
nad I.NAD	8.30	0.01	-0.24	0.00	0.06	-0.09	-0.01	-0.22	-0.85	0.02
nad PT	4.05	0.01	-0.20	-0.00	0.01	0.41	-0.02	0.26	-1.38	0.04
tribune	3.20	-0.06	-0.10	-0.00	-0.26	-0.10	-0.03	2.35	0.69	0.10
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	0.13	-0.39	0.01	0.29	-0.25	-0.08	1.69	-0.32	0.22

		Ton 79			Ton 80			Ton 81		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	20.07	-14.69	-1.32	-1.13	6.03	-0.90	-1.18	-4.72	0.24
nad I.NAD dvorana	9.30	-22.31	-16.64	0.75	1.22	3.22	-0.04	2.24	1.44	-0.18
nad I.NAD	8.30	-20.64	-33.12	1.06	1.41	-8.96	-0.34	-1.51	-2.40	0.14
nad PT	4.05	-1.38	-24.07	-1.68	0.68	-20.25	-0.29	0.01	0.45	0.00
tribune	3.20	106.25	49.55	1.07	-0.80	0.36	1.28	0.83	0.14	-0.79
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	81.98	-38.98	-0.12	1.38	-19.60	-0.29	0.39	-5.08	-0.59

		Ton 82			Ton 83			Ton 84		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-0.39	1.15	-0.06	0.03	-0.11	0.02	-2.00	-2.33	-0.36
nad I.NAD dvorana	9.30	-0.22	1.41	0.18	0.05	-0.11	0.05	-0.40	2.62	1.72
nad I.NAD	8.30	1.08	-0.62	-0.15	0.18	0.13	-0.01	1.15	4.53	0.75
nad PT	4.05	-0.22	-1.15	0.02	0.03	0.28	0.00	6.25	12.82	0.99
tribune	3.20	-0.13	-1.62	0.32	-0.29	-0.02	0.06	13.46	-27.76	6.96
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	0.13	-0.83	0.31	0.00	0.17	0.12	18.45	-10.13	10.07

		Ton 85			Ton 86			Ton 87		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-0.11	-0.01	0.00	-5.04	0.59	-0.25	-11.25	-7.34	0.85
nad I.NAD dvorana	9.30	0.08	0.01	-0.01	6.53	-1.48	-0.52	13.41	-6.18	-1.19
nad I.NAD	8.30	0.02	-0.01	-0.01	-1.36	-2.42	-0.29	-0.39	17.86	-0.62
nad PT	4.05	0.07	0.02	0.01	1.51	0.34	0.35	2.75	-11.18	-0.51
tribune	3.20	0.14	-0.09	0.01	0.38	10.85	-1.76	2.87	-18.16	2.31
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	0.20	-0.07	-0.00	2.02	7.88	-2.47	7.39	-24.99	0.83

		Ton 88			Ton 89			Ton 90		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-2.15	-1.84	0.08	-0.83	-0.42	0.04	-4.50	6.74	-0.84
nad I.NAD dvorana	9.30	2.08	0.09	-0.20	0.69	0.03	-0.07	3.78	-1.05	0.64
nad I.NAD	8.30	0.68	0.42	0.01	0.39	-0.40	0.02	2.04	-2.05	0.29
nad PT	4.05	0.43	-0.52	-0.00	0.16	-0.99	-0.01	1.73	-1.07	0.03
tribune	3.20	-0.84	-1.76	0.40	-0.35	1.28	-0.33	-1.55	4.16	0.43
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	0.20	-3.62	0.29	0.05	-0.51	-0.34	1.49	6.73	0.55

		Ton 91			Ton 92			Ton 93		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	1.34	4.33	0.36	-0.08	-0.08	-0.09	-2.43	6.53	-0.57
nad I.NAD dvorana	9.30	-0.22	-0.04	0.68	0.65	-0.52	0.18	2.96	6.56	1.70
nad I.NAD	8.30	0.02	0.51	-0.15	1.26	0.84	-0.24	6.22	-4.94	-0.26
nad PT	4.05	-0.03	2.81	0.06	-0.28	0.68	-0.11	3.82	-8.56	0.28
tribune	3.20	1.19	-1.58	0.85	-1.33	-1.87	0.94	-5.41	-3.19	1.73
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	2.31	6.03	1.80	0.23	-0.95	0.68	5.15	-3.60	2.88

		Ton 94			Ton 95			Ton 96		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	1.32	-6.46	1.20	1.01	-1.02	0.01	-26.25	8.17	-0.74
nad I.NAD dvorana	9.30	-4.40	9.96	0.29	-1.96	-4.39	-0.35	21.20	-9.11	1.99
nad I.NAD	8.30	3.26	8.81	0.79	0.21	-5.93	0.23	17.16	-21.59	-2.45
nad PT	4.05	-2.52	-26.72	-0.73	0.82	10.85	0.16	15.46	45.29	1.43

Seizmični preračun

tribune	3.20	18.83	-4.55	-4.06	1.18	-0.43	-0.89	-4.01	-10.49	2.06
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	16.49	-18.97	-2.52	1.25	-0.91	-0.84	23.56	12.27	2.30

		Ton 97			Ton 98			Ton 99		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	0.27	1.55	1.10	-2.18	0.34	0.69	-0.06	-0.01	0.01
nad I.NAD dvorana	9.30	-0.96	-2.98	-0.07	0.70	0.04	0.16	0.03	0.02	0.00
nad I.NAD	8.30	-1.54	-5.99	0.07	1.92	-1.72	0.14	0.04	0.00	0.00
nad PT	4.05	2.07	15.14	0.74	1.14	3.51	0.26	0.01	-0.01	-0.00
tribune	3.20	2.80	-2.05	-0.48	-0.66	-0.85	0.26	0.04	-0.00	-0.01
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	2.64	5.68	1.36	0.92	1.33	1.51	0.06	-0.01	-0.00

		Ton 100			Vsi toni		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-0.09	0.39	0.01	2919.6	3.54	12.00
nad I.NAD dvorana	9.30	0.09	-0.43	-0.03	1501.9	-4.08	10.16
nad I.NAD	8.30	0.01	-0.10	-0.11	1684.8	-20.17	-2.97
nad PT	4.05	-0.06	0.55	0.04	1223.8	2.03	14.76
tribune	3.20	0.09	-0.08	-0.05	4695.4	6.93	-64.93
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	0.04	0.33	-0.15	12025.6	-11.75	-30.97

Qy

		Ton 1			Ton 2			Ton 3		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-0.48	-0.00	-0.00	-0.48	0.01	0.00	0.06	0.06	0.00
nad I.NAD dvorana	9.30	-0.00	0.00	0.00	0.00	-0.00	-0.00	-0.07	0.02	0.00
nad I.NAD	8.30	-0.00	0.00	0.00	-0.00	-0.00	-0.00	-0.03	0.02	0.00
nad PT	4.05	-0.03	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
tribune	3.20	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	-0.04	-0.00	0.01
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-0.51	0.00	0.00	-0.44	0.00	-0.00	-0.08	0.11	0.02

		Ton 4			Ton 5			Ton 6		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-0.07	0.41	0.00	-0.90	9.04	0.15	-1.54	241.92	0.65
nad I.NAD dvorana	9.30	-0.11	0.08	0.02	-0.48	3.23	0.05	-0.73	23.06	0.17
nad I.NAD	8.30	0.09	0.05	0.00	-0.48	6.34	-0.08	0.45	23.15	0.74
nad PT	4.05	0.04	0.02	-0.00	-0.19	6.84	0.45	0.67	11.09	0.56
tribune	3.20	0.07	0.10	0.04	34.14	1195.3	-69.24	-0.95	8.69	-2.23
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	0.02	0.67	0.06	32.09	1220.7	-68.66	-2.10	307.90	-0.11

		Ton 7			Ton 8			Ton 9		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-4.65	72.82	1.25	1.64	0.05	0.00	0.14	-0.04	-0.01
nad I.NAD dvorana	9.30	-2.08	7.44	0.24	0.08	-0.01	-0.00	-0.05	0.01	0.01
nad I.NAD	8.30	-0.30	13.53	-0.13	0.05	-0.01	-0.00	0.03	0.01	-0.00
nad PT	4.05	-0.26	4.94	0.04	0.06	-0.00	-0.00	-0.02	0.00	-0.00
tribune	3.20	0.79	4.79	-0.98	0.06	0.02	-0.01	0.02	0.04	0.02
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-6.51	103.52	0.43	1.88	0.04	-0.02	0.13	0.03	0.02

		Ton 10			Ton 11			Ton 12		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	0.12	0.59	0.02	-0.12	36.63	-0.03	-0.03	0.59	0.03
nad I.NAD dvorana	9.30	-0.07	0.39	-0.03	0.39	4.61	-14.93	-0.00	0.19	0.00
nad I.NAD	8.30	0.04	-0.02	0.02	-0.10	4.43	0.05	0.04	0.23	0.01
nad PT	4.05	0.01	0.02	0.02	0.08	1.58	0.76	0.01	0.07	-0.01
tribune	3.20	0.02	0.44	-0.13	-0.01	1.73	-0.26	-0.06	-0.06	0.01
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	0.13	1.42	-0.10	0.24	48.98	-14.40	-0.04	1.01	0.05

		Ton 13			Ton 14			Ton 15		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	0.63	121.84	1.05	1.13	102.21	-0.38	-11.73	55.96	0.52
nad I.NAD dvorana	9.30	-8.43	53.72	1.46	0.29	16.65	2.66	-1.94	17.48	-0.65
nad I.NAD	8.30	18.76	69.04	0.40	0.05	13.97	0.63	1.21	14.52	0.84
nad PT	4.05	4.14	46.04	1.10	0.86	7.78	0.56	0.99	6.19	0.21
tribune	3.20	13.81	854.50	-56.52	-1.66	-15.01	0.08	-1.47	8.59	-1.77
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	28.91	1145.1	-52.51	0.67	125.61	3.55	-12.95	102.74	-0.86

		Ton 16			Ton 17			Ton 18		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	7.62	41.65	0.38	-3.17	1924.7	22.68	-71.25	44.14	0.49
nad I.NAD dvorana	9.30	-2.69	8.15	0.53	-108.21	526.75	16.25	2.00	10.75	0.26
nad I.NAD	8.30	-0.43	10.48	0.11	-2.85	893.14	6.98	2.61	18.62	-0.06
nad PT	4.05	-0.12	4.39	0.25	1.50	375.79	4.79	-0.58	8.38	-0.14
tribune	3.20	1.51	-4.43	-1.14	-16.85	131.71	-39.09	3.69	0.37	-0.93
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Seizmični preračun

temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	5.89	60.24	0.14	-129.59	3852.1	11.62	-63.53	82.26	-0.38

		Ton 19			Ton 20			Ton 21		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	8.16	48.60	2.47	-0.37	0.01	-0.00	-1.44	-4.62	-0.10
nad I.NAD dvorana	9.30	3.61	36.84	-5.63	-0.01	0.02	0.00	-3.85	5.07	-0.08
nad I.NAD	8.30	4.72	19.20	1.71	0.00	0.01	0.00	1.76	5.79	0.18
nad PT	4.05	2.77	6.40	0.73	2.00	0.00	0.00	-0.88	0.95	-0.04
tribune	3.20	-1.47	29.87	-4.62	0.01	0.00	0.00	0.57	4.30	0.94
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	17.80	140.92	-5.34	1.64	0.04	0.01	-3.84	11.50	0.90

		Ton 22			Ton 23			Ton 24		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-6.66	-35.59	0.34	-6.54	-31.10	-0.80	45.75	-5.21	-0.28
nad I.NAD dvorana	9.30	-3.00	-6.52	-0.11	-2.16	140.14	-16.62	11.36	13.71	-2.47
nad I.NAD	8.30	-5.91	-10.42	0.59	7.96	185.62	4.38	9.98	20.22	0.11
nad PT	4.05	-4.13	13.46	0.74	6.64	38.20	1.64	7.02	3.99	-0.04
tribune	3.20	-83.39	500.16	-26.68	-11.94	135.32	-10.09	10.65	13.02	-0.81
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-103.08	461.09	-25.13	-6.04	468.18	-21.49	84.76	45.73	-3.49

		Ton 25			Ton 26			Ton 27		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-36.80	67.93	4.49	1.99	0.46	0.01	0.06	6.51	0.28
nad I.NAD dvorana	9.30	-37.98	60.38	1.44	0.97	0.40	-0.06	1.44	0.93	0.42
nad I.NAD	8.30	-20.99	63.98	-0.94	0.44	0.59	-0.01	0.02	-1.24	0.16
nad PT	4.05	-11.00	22.22	3.11	0.20	0.13	0.01	0.72	1.54	0.11
tribune	3.20	-2.52	32.82	-16.70	0.91	0.29	-0.14	19.02	41.85	1.37
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-109.30	247.33	-8.60	4.51	1.87	-0.19	21.25	49.59	2.33

		Ton 28			Ton 29			Ton 30		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-0.86	-12.28	-0.16	15.58	1.34	0.06	1.51	4.38	-1.09
nad I.NAD dvorana	9.30	-1.93	3.26	-1.25	18.97	0.51	0.04	10.44	-1.04	-0.56
nad I.NAD	8.30	0.48	16.75	-0.30	10.83	-0.45	0.18	1.18	8.58	-0.31
nad PT	4.05	0.20	1.88	0.07	6.22	0.26	0.10	1.38	2.40	0.01
tribune	3.20	-1.03	2.24	0.68	5.12	0.51	-0.38	6.76	-0.95	0.43
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-3.13	11.85	-0.96	56.71	2.17	-0.01	21.27	13.38	-1.52

		Ton 31			Ton 32			Ton 33		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-19.25	-5.56	0.09	25.08	16.59	-0.68	144.19	23.33	0.77
nad I.NAD dvorana	9.30	-24.40	8.47	1.66	21.08	-0.52	0.25	106.53	33.06	-1.50
nad I.NAD	8.30	-8.36	6.52	0.82	14.36	-9.81	-0.43	99.63	23.17	-0.81
nad PT	4.05	-6.71	3.62	0.24	8.69	1.17	-0.35	59.41	23.17	0.18
tribune	3.20	-11.34	4.38	0.08	20.59	1.92	0.28	122.77	30.67	-13.00
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-70.07	17.42	2.89	89.80	9.35	-0.93	532.52	133.40	-14.37

		Ton 34			Ton 35			Ton 36		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-66.25	33.07	-1.24	-23.12	2.26	-0.68	13.97	-0.44	0.09
nad I.NAD dvorana	9.30	-42.03	17.61	3.29	-13.53	-0.23	0.59	3.59	4.44	0.39
nad I.NAD	8.30	-58.88	-6.39	2.05	-13.02	-1.48	0.10	9.18	-0.49	0.06
nad PT	4.05	-29.90	17.21	0.41	-9.00	1.72	-0.19	-3.09	2.49	0.06
tribune	3.20	-66.55	35.75	-2.63	-8.57	2.80	1.65	2.54	7.87	-0.47
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-263.60	97.26	1.86	-67.25	5.07	1.47	26.18	13.88	0.14

		Ton 37			Ton 38			Ton 39		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	0.65	-0.36	-0.25	-71.63	30.33	-1.81	-13.91	10.07	1.45
nad I.NAD dvorana	9.30	0.49	1.32	0.07	-49.86	67.68	8.60	-10.88	30.50	1.66
nad I.NAD	8.30	1.65	2.18	-0.11	-31.72	-11.18	1.98	-8.20	-1.44	1.94
nad PT	4.05	2.30	1.77	0.02	-5.72	48.93	-0.16	-3.16	15.41	0.50
tribune	3.20	0.20	1.45	0.43	-14.73	136.81	-6.50	-1.60	56.00	-11.26
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	5.28	6.35	0.17	-173.66	272.58	2.11	-37.75	110.54	-5.71

		Ton 40			Ton 41			Ton 42		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-13.59	12.72	0.22	-106.64	58.95	2.77	30.38	-63.02	0.19
nad I.NAD dvorana	9.30	9.71	1.16	-1.38	43.48	47.49	2.50	-81.44	151.67	10.76
nad I.NAD	8.30	-15.91	2.33	-0.10	-98.66	12.14	3.99	92.15	62.29	2.53
nad PT	4.05	-7.80	0.71	0.08	-43.06	39.15	4.19	44.86	92.37	1.03
tribune	3.20	9.32	-5.20	-4.59	-165.36	139.19	-29.56	283.55	275.24	-26.69
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-18.27	11.71	-5.77	-370.24	296.91	-16.11	369.51	518.55	-12.17

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Nivo	Z [m]	Ton 43			Ton 44			Ton 45		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	55.72	-20.27	5.22	28.44	-10.19	-0.19	8.98	2.88	-0.91
nad I.NAD dvorana	9.30	169.77	159.18	-0.65	-9.36	-6.52	-0.35	5.43	9.80	-0.02
nad I.NAD	8.30	-25.82	95.95	5.08	15.29	-15.12	0.13	2.05	24.58	0.16
nad PT	4.05	22.64	154.63	8.44	9.30	-2.24	-0.09	1.26	11.28	0.20
tribune	3.20	146.71	662.50	-115.11	-20.01	44.98	-1.46	-28.09	-35.46	2.89
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	369.02	1052.0	-97.01	23.66	10.90	-1.95	-10.37	13.09	2.32

Nivo	Z [m]	Ton 46			Ton 47			Ton 48		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	29.65	4.43	0.32	11.25	-8.31	-0.45	2.09	-3.46	-0.05
nad I.NAD dvorana	9.30	2.08	5.47	0.45	1.42	18.92	-0.08	-2.18	-0.89	0.08
nad I.NAD	8.30	15.77	4.31	0.80	3.34	15.53	-0.08	-0.88	2.04	-0.16
nad PT	4.05	8.87	1.19	0.77	-0.08	14.92	0.87	-1.22	0.83	-0.01
tribune	3.20	-33.26	-12.11	0.88	-35.95	23.96	-4.07	-12.07	4.99	0.20
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	23.11	3.29	3.22	-20.01	65.02	-3.81	-14.26	3.52	0.06

Nivo	Z [m]	Ton 49			Ton 50			Ton 51		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	0.83	-27.23	-3.15	-1.56	-2.70	3.21	1.30	-14.02	-2.30
nad I.NAD dvorana	9.30	-12.32	-25.74	3.45	1.57	24.46	-2.39	-7.41	9.69	-1.64
nad I.NAD	8.30	15.63	35.42	-0.83	-13.78	-20.71	1.30	7.05	17.67	-0.23
nad PT	4.05	16.44	30.01	1.10	-12.45	-1.68	-0.02	2.99	16.50	-0.21
tribune	3.20	277.88	150.13	0.07	-115.84	26.90	0.13	-94.10	1.56	-1.18
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	298.46	162.59	0.65	-142.06	26.27	2.22	-90.18	31.40	-5.56

Nivo	Z [m]	Ton 52			Ton 53			Ton 54		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-2.04	-1.75	0.07	9.70	-3.76	-4.22	12.01	-1.65	-0.46
nad I.NAD dvorana	9.30	-0.62	11.73	-0.73	14.53	-49.68	-3.97	8.04	-15.76	-0.67
nad I.NAD	8.30	0.13	-0.43	0.44	-1.99	23.77	-3.02	5.26	-0.89	-1.89
nad PT	4.05	-0.45	4.21	0.01	-6.77	11.36	-1.14	-1.41	-2.40	-0.17
tribune	3.20	-37.27	-3.06	-0.64	-248.88	77.77	-4.60	-70.66	35.38	2.09
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-40.24	10.69	-0.84	-233.40	59.47	-16.95	-46.78	14.67	-1.11

Nivo	Z [m]	Ton 55			Ton 56			Ton 57		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-16.75	-20.80	-7.57	1.74	-2.04	0.35	5.94	-10.72	5.97
nad I.NAD dvorana	9.30	7.62	50.20	-0.60	-0.93	3.14	0.13	25.77	8.72	3.33
nad I.NAD	8.30	-51.83	67.99	-0.65	-1.47	2.08	0.13	32.59	-1.07	-2.55
nad PT	4.05	-53.69	88.03	-1.82	-1.47	0.31	0.11	27.39	21.35	2.93
tribune	3.20	-44.28	130.39	-4.69	3.21	-2.51	-0.51	-45.53	134.93	-18.84
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-158.93	315.81	-15.34	1.07	1.00	0.21	46.16	153.21	-9.15

Nivo	Z [m]	Ton 58			Ton 59			Ton 60		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-6.74	4.45	0.21	13.03	-31.14	-2.98	-14.91	-25.10	-0.44
nad I.NAD dvorana	9.30	9.77	12.96	-0.31	5.72	-7.54	-4.65	25.89	4.23	-2.49
nad I.NAD	8.30	0.23	0.68	0.27	-6.81	51.10	-1.49	-1.15	25.92	-0.55
nad PT	4.05	0.33	2.19	0.21	-9.14	30.96	-0.78	-0.32	14.89	-0.33
tribune	3.20	-15.29	-16.17	-1.48	34.96	43.48	2.86	-18.16	6.90	-2.17
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-11.69	4.12	-1.10	37.76	86.85	-7.04	-8.65	26.84	-5.98

Nivo	Z [m]	Ton 61			Ton 62			Ton 63		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-8.86	-133.87	0.55	-3.42	3.51	0.13	-1.34	-25.97	0.42
nad I.NAD dvorana	9.30	3.34	75.66	-6.95	3.57	3.07	-0.53	4.01	15.48	-0.35
nad I.NAD	8.30	-14.43	131.86	0.17	-1.95	5.69	0.27	-2.74	19.72	-0.03
nad PT	4.05	-12.44	113.27	2.01	0.79	2.43	0.31	-3.59	14.40	-0.03
tribune	3.20	18.25	-19.13	1.88	7.49	-8.61	-1.12	2.13	-5.44	-0.59
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-14.14	167.79	-2.34	6.48	6.09	-0.96	-1.53	18.19	-0.58

Nivo	Z [m]	Ton 64			Ton 65			Ton 66		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	2.39	12.98	-0.28	-4.31	23.78	-5.37	-18.95	5.84	-4.96
nad I.NAD dvorana	9.30	13.89	-0.23	-3.17	-2.15	11.23	0.91	13.33	-47.20	-5.41
nad I.NAD	8.30	-1.48	-5.88	-0.59	10.69	-29.79	-1.95	18.61	-15.28	-3.72
nad PT	4.05	-2.86	-0.37	0.13	-3.63	6.48	-1.64	-0.38	8.87	-2.25
tribune	3.20	9.47	4.13	-3.04	-7.92	66.69	5.49	-3.53	126.74	0.66
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	21.41	10.64	-6.94	-7.32	78.40	-2.55	9.08	78.97	-15.68

Nivo	Z [m]	Ton 67			Ton 68			Ton 69		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]

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nad II.NAD	12.35	-0.04	0.01	-0.01	13.96	-28.00	0.93	-4.48	8.01	-0.08
nad I.NAD dvorana	9.30	0.02	-0.11	-0.00	-46.00	28.09	2.70	11.00	-12.35	-1.02
nad I.NAD	8.30	0.02	-0.07	-0.00	19.26	9.87	-1.40	-7.31	-6.12	0.27
nad PT	4.05	-0.09	-0.05	-0.01	4.54	58.02	0.91	-1.36	-2.05	-0.11
tribune	3.20	-0.01	0.23	0.02	29.65	63.20	0.41	38.46	35.96	-6.20
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-0.10	0.01	-0.01	21.41	131.18	3.54	36.33	23.46	-7.13

		Ton 70			Ton 71			Ton 72		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-0.01	1.60	-0.02	-1.14	39.57	-5.31	7.73	22.97	-0.52
nad I.NAD dvorana	9.30	0.68	0.54	0.05	-11.81	34.38	-0.02	-12.91	24.19	2.11
nad I.NAD	8.30	-0.36	0.38	0.02	-2.86	-1.11	-1.92	-0.90	11.15	-0.27
nad PT	4.05	-0.16	-0.16	0.06	-0.92	48.96	1.19	-0.92	16.98	1.40
tribune	3.20	-0.00	-2.29	-0.19	34.67	15.58	-1.39	-8.20	-37.56	0.97
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	0.14	0.07	-0.08	17.93	137.38	-7.44	-15.20	37.74	3.69

		Ton 73			Ton 74			Ton 75		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-0.02	0.71	-0.07	-24.14	19.16	0.97	2.48	7.49	-0.26
nad I.NAD dvorana	9.30	-0.23	-0.31	0.00	-12.33	-6.84	-2.86	-6.07	-5.17	0.17
nad I.NAD	8.30	-0.29	0.37	0.00	-34.23	54.72	2.78	-0.58	1.08	0.04
nad PT	4.05	-0.04	0.21	0.01	13.30	50.82	3.40	-0.27	-2.57	0.08
tribune	3.20	0.86	-0.01	-0.03	180.01	30.08	-6.34	2.21	1.16	0.17
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	0.27	0.97	-0.07	122.61	147.94	-2.04	-2.23	1.99	0.19

		Ton 76			Ton 77			Ton 78		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	0.16	0.46	-0.03	0.27	0.88	-0.02	-0.05	-0.18	-0.01
nad I.NAD dvorana	9.30	-0.66	-0.90	-0.01	-0.68	-0.49	0.04	0.18	-0.04	-0.01
nad I.NAD	8.30	-0.03	0.69	-0.00	-0.05	0.08	0.01	0.04	0.16	-0.00
nad PT	4.05	-0.04	0.58	0.00	-0.01	-0.35	0.01	-0.05	0.26	-0.01
tribune	3.20	0.17	0.31	0.01	0.22	0.09	0.03	-0.44	-0.13	-0.02
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-0.39	1.15	-0.03	-0.25	0.21	0.07	-0.32	0.06	-0.04

		Ton 79			Ton 80			Ton 81		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-9.54	6.99	0.63	16.01	-85.44	12.80	15.59	62.14	-3.13
nad I.NAD dvorana	9.30	10.60	7.91	-0.36	-17.32	-45.61	0.62	-29.54	-19.03	2.33
nad I.NAD	8.30	9.81	15.75	-0.50	-19.91	126.93	4.76	19.92	31.63	-1.89
nad PT	4.05	0.66	11.45	0.80	-9.64	286.93	4.17	-0.18	-5.87	-0.01
tribune	3.20	-50.51	-23.56	-0.51	11.27	-5.08	-18.19	-10.87	-1.90	10.43
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-38.98	18.53	0.06	-19.60	277.74	4.17	-5.08	66.97	7.73

		Ton 82			Ton 83			Ton 84		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	2.59	-7.58	0.43	2.25	-7.79	1.71	1.10	1.28	0.20
nad I.NAD dvorana	9.30	1.46	-9.33	-1.22	3.20	-7.33	3.29	0.22	-1.44	-0.94
nad I.NAD	8.30	-7.15	4.07	0.97	12.48	9.19	-0.52	-0.63	-2.49	-0.41
nad PT	4.05	1.42	7.58	-0.12	1.93	18.88	0.01	-3.43	-7.03	-0.55
tribune	3.20	0.85	10.74	-2.10	-19.69	-1.39	3.90	-7.39	15.24	-3.82
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-0.83	5.49	-2.03	0.17	11.56	8.39	-10.13	5.56	-5.53

		Ton 85			Ton 86			Ton 87		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	0.04	0.00	-0.00	-19.66	2.29	-0.99	38.05	24.81	-2.86
nad I.NAD dvorana	9.30	-0.03	-0.01	0.00	25.47	-5.76	-2.04	-45.35	20.90	4.03
nad I.NAD	8.30	-0.01	0.00	0.00	-5.30	-9.42	-1.13	1.32	-60.42	2.10
nad PT	4.05	-0.02	-0.01	-0.00	5.87	1.31	1.37	-9.29	37.81	1.73
tribune	3.20	-0.05	0.03	-0.00	1.50	42.32	-6.86	-9.72	61.41	-7.81
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-0.07	0.03	0.00	7.88	30.74	-9.64	-24.99	84.52	-2.81

		Ton 88			Ton 89			Ton 90		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	38.93	33.42	-1.43	8.94	4.54	-0.45	-20.28	30.37	-3.77
nad I.NAD dvorana	9.30	-37.74	-1.54	3.64	-7.38	-0.27	0.75	17.02	-4.74	2.88
nad I.NAD	8.30	-12.24	-7.60	-0.12	-4.16	4.31	-0.22	9.18	-9.23	1.29
nad PT	4.05	-7.78	9.41	0.00	-1.68	10.62	0.10	7.79	-4.82	0.13
tribune	3.20	15.22	31.92	-7.34	3.78	-13.71	3.49	-6.98	18.76	1.95
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-3.62	65.60	-5.25	-0.51	5.48	3.67	6.73	30.34	2.48

		Ton 91			Ton 92			Ton 93		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	3.51	11.31	0.93	0.32	0.32	0.37	1.70	-4.56	0.40
nad I.NAD dvorana	9.30	-0.57	-0.12	1.77	-2.66	2.14	-0.73	-2.07	-4.58	-1.19
nad I.NAD	8.30	0.06	1.33	-0.40	-5.14	-3.42	0.99	-4.34	3.45	0.18

Seizmični preračun

nad PT	4.05	-0.07	7.33	0.16	1.13	-2.77	0.44	-2.66	5.98	-0.19
tribune	3.20	3.10	-4.11	2.23	5.39	7.62	-3.84	3.78	2.22	-1.21
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	6.03	15.74	4.69	-0.95	3.88	-2.78	-3.60	2.51	-2.01

		Ton 94			Ton 95			Ton 96		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-1.52	7.44	-1.38	-0.74	0.74	-0.01	-13.67	4.26	-0.38
nad I.NAD dvorana	9.30	5.06	-11.46	-0.33	1.44	3.21	0.26	11.04	-4.74	1.04
nad I.NAD	8.30	-3.75	-10.13	-0.90	-0.15	4.34	-0.17	8.94	-11.24	-1.28
nad PT	4.05	2.90	30.75	0.85	-0.60	-7.94	-0.12	8.05	23.59	0.75
tribune	3.20	-21.66	5.23	4.67	-0.86	0.31	0.65	-2.09	-5.46	1.07
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-18.97	21.83	2.90	-0.91	0.67	0.62	12.27	6.39	1.20

		Ton 97			Ton 98			Ton 99		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	0.57	3.34	2.36	-3.14	0.50	0.99	0.01	0.00	-0.00
nad I.NAD dvorana	9.30	-2.06	-6.40	-0.15	1.00	0.05	0.23	-0.00	-0.00	-0.00
nad I.NAD	8.30	-3.31	-12.85	0.15	2.77	-2.47	0.20	-0.00	-0.00	-0.00
nad PT	4.05	4.45	32.50	1.59	1.64	5.06	0.37	-0.00	0.00	0.00
tribune	3.20	6.02	-4.40	-1.02	-0.95	-1.22	0.38	-0.00	0.00	0.00
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	5.68	12.19	2.92	1.33	1.91	2.18	-0.01	0.00	0.00

		Ton 100			Vsi toni		
Nivo	Z [m]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
nad II.NAD	12.35	-0.82	3.40	0.09	-3.67	2690.3	18.14
nad I.NAD dvorana	9.30	0.76	-3.75	-0.28	-26.99	1528.3	-3.85
nad I.NAD	8.30	0.12	-0.87	-1.01	-14.64	2031.1	19.93
nad PT	4.05	-0.55	4.85	0.36	19.17	1990.0	48.43
tribune	3.20	0.82	-0.70	-0.46	14.39	5312.9	-499.68
temelji	-0.20	0.00	0.00	0.00	0.00	0.00	0.00
temelji os A	-1.40	0.00	0.00	0.00	0.00	0.00	0.00
temelji zaklonišča	-2.87	0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	0.33	2.93	-1.30	-11.75	13552.7	-417.03

Faktorji participacije - relativno sodelovanje

Ton \ Naziv	1. Qx	2. Qy
1	0.038	0.000
2	0.004	0.000
3	0.000	0.000
4	0.000	0.000
5	0.000	0.090
6	0.000	0.023
7	0.000	0.008
8	0.007	0.000
9	0.000	0.000
10	0.000	0.000
11	0.000	0.004
12	0.000	0.000
13	0.000	0.084
14	0.000	0.009
15	0.000	0.008
16	0.000	0.004
17	0.000	0.284
18	0.004	0.006
19	0.000	0.010
20	0.005	0.000
21	0.000	0.001
22	0.002	0.034
23	0.000	0.035
24	0.013	0.003
25	0.004	0.018
26	0.001	0.000
27	0.001	0.004
28	0.000	0.001
29	0.123	0.000
30	0.003	0.001
31	0.023	0.001
32	0.072	0.001
33	0.177	0.010
34	0.059	0.007
35	0.074	0.000
36	0.004	0.001
37	0.000	0.000
38	0.009	0.020
39	0.001	0.008
40	0.002	0.001
41	0.038	0.022
42	0.022	0.038
43	0.011	0.078
44	0.004	0.001
45	0.001	0.001
46	0.013	0.000
47	0.001	0.005
48	0.005	0.000
49	0.046	0.012
50	0.064	0.002
51	0.022	0.002
52	0.013	0.001
53	0.076	0.004
54	0.012	0.001

Seizmični preračun

55	0.007	0.023
56	0.000	0.000
57	0.001	0.011
58	0.003	0.000
59	0.001	0.006
60	0.000	0.002
61	0.000	0.012
62	0.001	0.000
63	0.000	0.001
64	0.004	0.001
65	0.000	0.006
66	0.000	0.006
67	0.000	0.000
68	0.000	0.010
69	0.005	0.002
70	0.000	0.000
71	0.000	0.010
72	0.001	0.003
73	0.000	0.000
74	0.008	0.011
75	0.000	0.000
76	0.000	0.000
77	0.000	0.000
78	0.000	0.000
79	0.007	0.001
80	0.000	0.020
81	0.000	0.005
82	0.000	0.000
83	0.000	0.001
84	0.002	0.000
85	0.000	0.000
86	0.000	0.002
87	0.001	0.006
88	0.000	0.005
89	0.000	0.000
90	0.000	0.002
91	0.000	0.001
92	0.000	0.000
93	0.000	0.000
94	0.001	0.002
95	0.000	0.000
96	0.002	0.000
97	0.000	0.001
98	0.000	0.000
99	0.000	0.000
100	0.000	0.000

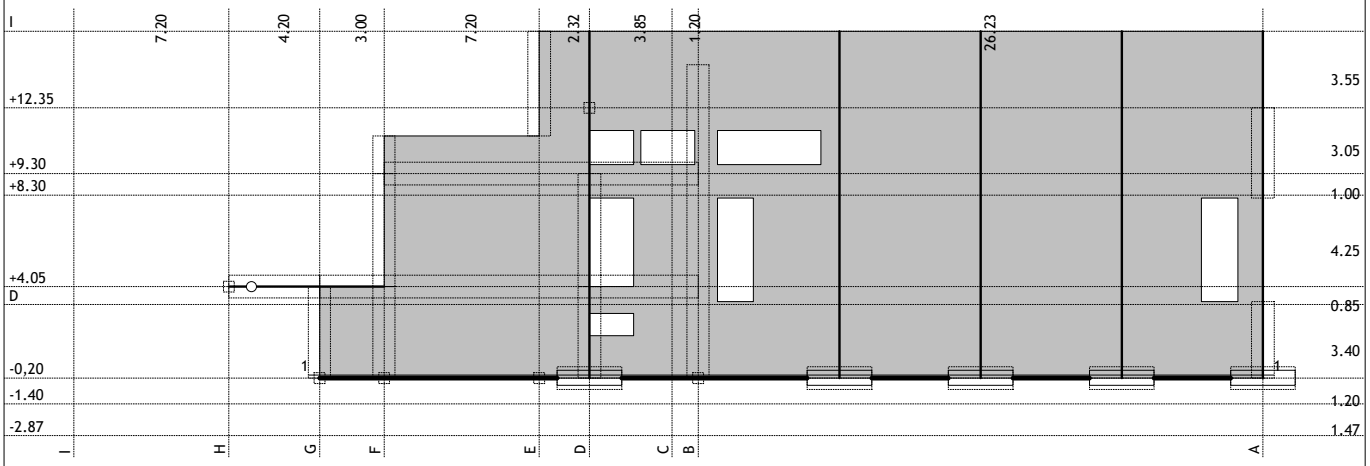
Faktorji participacije - angažiranje mase

Ton	UX (%)	UY (%)	UZ (%)	ΣUX (%)	ΣUY (%)	ΣUZ (%)
1	2.33	0.00	0.00	2.33	0.00	0.00
2	0.24	0.00	0.00	2.56	0.00	0.00
3	0.00	0.00	0.00	2.56	0.00	0.00
4	0.00	0.00	0.00	2.56	0.00	0.00
5	0.00	6.35	0.02	2.57	6.36	0.02
6	0.00	1.76	0.00	2.57	8.11	0.02
7	0.00	0.60	0.00	2.57	8.72	0.02
8	0.48	0.00	0.00	3.05	8.72	0.02
9	0.00	0.00	0.00	3.06	8.72	0.02
10	0.00	0.01	0.00	3.06	8.72	0.02
11	0.00	0.29	0.03	3.06	9.02	0.05
12	0.00	0.01	0.00	3.06	9.02	0.05
13	0.00	7.38	0.02	3.06	16.40	0.06
14	0.00	0.81	0.00	3.06	17.22	0.06
15	0.01	0.68	0.00	3.07	17.90	0.06
16	0.00	0.40	0.00	3.08	18.30	0.06
17	0.03	26.30	0.00	3.11	44.60	0.06
18	0.34	0.56	0.00	3.44	45.17	0.06
19	0.02	0.98	0.00	3.46	46.15	0.06
20	0.45	0.00	0.00	3.91	46.15	0.06
21	0.01	0.08	0.00	3.92	46.23	0.06
22	0.16	3.30	0.01	4.09	49.53	0.07
23	0.00	3.36	0.01	4.09	52.88	0.08
24	1.13	0.33	0.00	5.22	53.21	0.08
25	0.35	1.80	0.00	5.57	55.01	0.09
26	0.08	0.01	0.00	5.65	55.03	0.09
27	0.07	0.36	0.00	5.72	55.39	0.09
28	0.01	0.09	0.00	5.72	55.48	0.09
29	11.01	0.02	0.00	16.73	55.49	0.09
30	0.25	0.10	0.00	16.99	55.59	0.09
31	2.12	0.13	0.00	19.10	55.72	0.09
32	6.49	0.07	0.00	25.59	55.79	0.09
33	16.09	1.01	0.01	41.68	56.80	0.10
34	5.42	0.74	0.00	47.10	57.54	0.10
35	6.77	0.04	0.00	53.88	57.58	0.11
36	0.38	0.11	0.00	54.25	57.69	0.11
37	0.03	0.05	0.00	54.29	57.73	0.11
38	0.84	2.08	0.00	55.13	59.82	0.11
39	0.10	0.85	0.00	55.23	60.66	0.11
40	0.22	0.09	0.02	55.45	60.75	0.13
41	3.55	2.28	0.01	59.00	63.04	0.14
42	2.03	4.00	0.00	61.03	67.03	0.14
43	1.00	8.14	0.07	62.03	75.17	0.21
44	0.40	0.08	0.00	62.43	75.26	0.21
45	0.06	0.10	0.00	62.49	75.36	0.22
46	1.27	0.03	0.02	63.77	75.39	0.24
47	0.05	0.51	0.00	63.82	75.90	0.24
48	0.46	0.03	0.00	64.28	75.93	0.24
49	4.36	1.29	0.00	68.63	77.22	0.24
50	6.13	0.21	0.00	74.76	77.43	0.24

Seizmični preračun

51	2.07	0.25	0.01	76.83	77.68	0.25
52	1.21	0.09	0.00	78.03	77.77	0.25
53	7.33	0.48	0.04	85.36	78.24	0.29
54	1.19	0.12	0.00	86.56	78.36	0.29
55	0.64	2.54	0.01	87.20	80.90	0.30
56	0.01	0.01	0.00	87.21	80.91	0.30
57	0.11	1.23	0.00	87.32	82.14	0.30
58	0.27	0.03	0.00	87.59	82.17	0.30
59	0.13	0.71	0.00	87.72	82.88	0.31
60	0.02	0.22	0.01	87.75	83.10	0.32
61	0.01	1.37	0.00	87.75	84.47	0.32
62	0.06	0.05	0.00	87.81	84.52	0.32
63	0.00	0.15	0.00	87.81	84.66	0.32
64	0.35	0.09	0.04	88.16	84.75	0.36
65	0.01	0.64	0.00	88.17	85.40	0.36
66	0.01	0.65	0.03	88.18	86.05	0.39
67	0.01	0.00	0.00	88.19	86.05	0.39
68	0.03	1.08	0.00	88.22	87.13	0.39
69	0.46	0.19	0.02	88.68	87.32	0.40
70	0.00	0.00	0.00	88.68	87.32	0.40
71	0.02	1.14	0.00	88.70	88.46	0.41
72	0.05	0.31	0.00	88.75	88.77	0.41
73	0.00	0.01	0.00	88.75	88.78	0.41
74	0.85	1.23	0.00	89.60	90.01	0.41
75	0.02	0.02	0.00	89.62	90.03	0.41
76	0.00	0.01	0.00	89.62	90.04	0.41
77	0.00	0.00	0.00	89.63	90.04	0.41
78	0.01	0.00	0.00	89.64	90.04	0.41
79	0.69	0.15	0.00	90.32	90.20	0.41
80	0.01	2.33	0.00	90.34	92.52	0.41
81	0.00	0.56	0.01	90.34	93.09	0.42
82	0.00	0.05	0.01	90.34	93.13	0.43
83	0.00	0.10	0.05	90.34	93.23	0.48
84	0.16	0.05	0.05	90.50	93.28	0.52
85	0.00	0.00	0.00	90.50	93.28	0.52
86	0.02	0.26	0.03	90.52	93.54	0.55
87	0.06	0.72	0.00	90.58	94.26	0.55
88	0.00	0.56	0.00	90.58	94.81	0.55
89	0.00	0.05	0.02	90.58	94.86	0.57
90	0.01	0.26	0.00	90.59	95.12	0.58
91	0.02	0.13	0.01	90.61	95.25	0.59
92	0.00	0.03	0.02	90.61	95.29	0.61
93	0.04	0.02	0.01	90.66	95.31	0.62
94	0.14	0.19	0.00	90.80	95.50	0.62
95	0.01	0.01	0.00	90.81	95.50	0.63
96	0.20	0.05	0.00	91.01	95.56	0.63
97	0.02	0.10	0.01	91.04	95.66	0.64
98	0.01	0.02	0.02	91.04	95.68	0.66
99	0.00	0.00	0.00	91.04	95.68	0.66
100	0.00	0.03	0.01	91.04	95.70	0.66

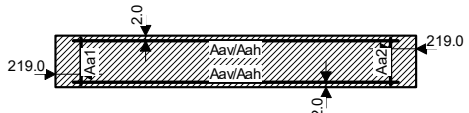
Dimenzioniranje (beton)



Okvir: stena ob osi 1
Dispozicija prerezov

Okvir: stena ob osi 1

Prerez 1 - 1
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/4380 cm Ab = 109500 cm2

No	N [kN]	T [kN]	M [kNm]
I	-4726.8	58.6	-4815.0
II	-635.5	27.3	-5817.7
III(1)	156.6	-25.9	-135.7
III(2)	-19.1	4.0	-67.6
III(3)	0.5	-0.3	13.8
III(4)	-0.0	0.0	-0.5
III(5)	-0.1	-0.1	0.6
III(6)	0.1	0.2	-2.1
III(7)	0.2	-0.2	4.3
III(8)	30.8	-5.4	-85.5
III(9)	-1.5	0.4	-5.1
III(10)	-0.0	-0.1	0.6
III(11)	-0.0	-0.0	0.4
III(12)	0.0	0.0	-0.2
III(13)	-0.2	-0.2	-0.1
III(14)	-0.0	-0.1	0.6
III(15)	0.9	3.4	-39.5
III(16)	-0.0	-0.1	-5.0
III(17)	3.3	5.2	-0.6
III(18)	9.8	4.5	-379.9
III(19)	-0.0	-8.1	82.5
III(20)	-1.3	-0.5	11.2
III(21)	2.5	0.8	9.0
III(22)	1.3	-0.5	10.9
III(23)	0.5	1.7	-15.0
III(24)	28.2	-33.1	174.9
III(25)	7.4	2.6	32.5
III(26)	3.0	-2.1	24.7
III(27)	0.3	-0.1	3.2
III(28)	0.5	-0.1	4.5
III(29)	133.0	-10.9	1384.1
III(30)	6.2	-1.5	36.7
III(31)	72.2	-22.9	476.9
III(32)	106.4	-75.2	1476.5
III(33)	292.4	-123.5	3019.2
III(34)	75.2	22.2	566.6
III(35)	156.3	-31.8	1207.4
III(36)	-2.2	-0.9	20.6
III(37)	-1.4	1.2	-15.1
III(38)	32.9	14.6	69.7
III(39)	-2.3	7.7	-79.9
III(40)	-36.8	20.4	-336.0
III(41)	-25.6	56.3	-603.9
III(42)	-32.6	-16.3	-74.4
III(43)	57.0	-45.6	605.8
III(44)	-11.1	-5.9	20.2
III(45)	-1.5	-1.0	-24.8
III(46)	-13.6	34.8	-69.6
III(47)	-0.1	1.2	-33.0
III(48)	5.6	-8.0	108.3
III(49)	-1.0	17.0	-168.8
III(50)	2.1	49.8	-399.5
III(51)	-13.3	17.2	-195.0
III(52)	-8.1	24.9	-272.8
III(53)	7.3	-46.5	569.1
III(54)	0.0	-23.0	212.4
III(55)	-1.2	25.7	-110.8
III(56)	-0.6	2.1	-15.7
III(57)	2.1	-1.1	16.6
III(58)	-16.6	22.9	-321.6
III(59)	-7.1	3.3	-67.4
III(60)	-0.6	-0.6	14.4
III(61)	0.1	1.2	-5.3
III(62)	0.6	-0.9	14.5
III(63)	-0.2	0.3	-4.1
III(64)	8.0	-10.1	127.8
III(65)	0.0	1.8	-20.4
III(66)	0.2	0.6	-5.1
III(67)	0.2	-0.5	5.6
III(68)	0.4	-4.2	48.5
III(69)	-1.4	7.3	-110.6
III(70)	-0.0	-0.9	12.0
III(71)	-0.1	-7.1	59.1
III(72)	0.8	6.9	-52.4
III(73)	-0.0	-0.0	-0.1
III(74)	1.8	3.1	-40.8
III(75)	1.4	-1.0	15.0
III(76)	0.1	-0.1	1.0
III(77)	0.2	-0.1	1.8
III(78)	-0.0	0.0	2.0
III(79)	-3.2	1.2	13.8
III(80)	0.7	0.9	18.8
III(81)	-0.0	-0.2	-0.3
III(82)	-0.0	-0.4	0.8
III(83)	0.0	0.1	-0.3
III(84)	-0.3	-2.0	-10.5
III(85)	0.0	0.1	-1.3
III(86)	0.4	2.2	-12.3
III(87)	0.8	8.8	-51.1
III(88)	0.0	1.3	-15.3
III(89)	0.0	0.6	-6.4
III(90)	0.4	-3.4	54.3
III(91)	1.6	-3.5	10.9
III(92)	-0.1	-0.1	4.0
III(93)	0.8	-2.8	45.8
III(94)	-1.1	5.8	-30.5
III(95)	-0.7	1.3	-41.6
III(96)	0.7	-7.4	67.1
III(97)	0.2	-1.8	20.4
III(98)	0.3	-0.3	-4.1
III(99)	-0.0	0.0	0.0
III(100)	0.1	-0.2	2.0
IV(1)	-0.2	0.0	0.2
IV(2)	0.2	-0.0	0.7
IV(3)	-0.7	0.4	-19.1
IV(4)	-1.6	0.5	-18.4
IV(5)	-2.5	-5.5	23.3
IV(6)	-7.4	-34.3	300.4
IV(7)	-3.6	3.5	-68.1
IV(8)	0.7	-0.1	-2.0
IV(9)	-0.4	0.1	-1.2
IV(10)	-0.2	-0.6	6.8
IV(11)	-0.5	-8.1	78.0
IV(12)	-0.1	-0.5	4.3
IV(13)	-9.1	-6.8	-2.6
IV(14)	-3.2	-14.2	114.6
IV(15)	-7.1	-27.4	313.2
IV(16)	-0.4	-0.5	-51.1
IV(17)	-99.4	-153.1	17.5

Dimenzioniranje (beton)

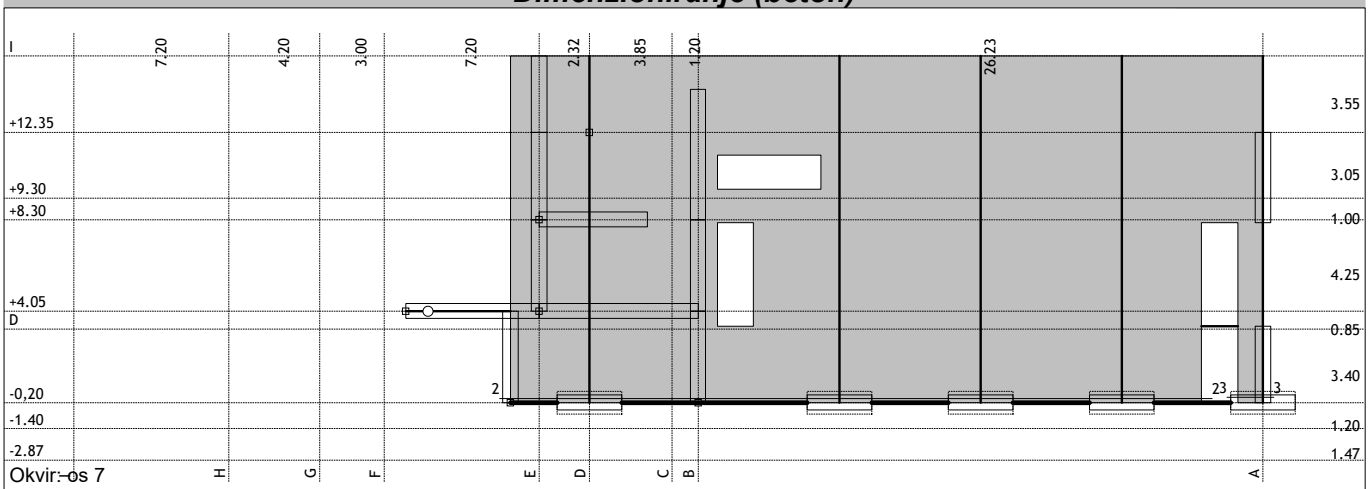
IV(18)	-12.7	-5.8	491.8
IV(19)	-0.1	-63.9	652.8
IV(20)	-0.0	-0.0	0.3
IV(21)	-7.5	-2.5	-26.9
IV(22)	-5.9	2.3	-48.9
IV(23)	-38.4	-132.1	1161.2
IV(24)	15.2	-17.8	94.3
IV(25)	-16.8	-5.9	-73.5
IV(26)	1.2	-0.9	10.3
IV(27)	0.7	-0.2	7.5
IV(28)	-2.0	0.3	-17.1
IV(29)	5.1	-0.4	53.0
IV(30)	3.9	-0.9	23.1
IV(31)	-18.0	5.7	-118.6
IV(32)	11.1	-7.8	153.8
IV(33)	73.3	-30.9	756.3
IV(34)	-27.8	-8.2	-209.0
IV(35)	-11.8	2.4	-91.1
IV(36)	-1.2	-0.5	10.9
IV(37)	-1.6	1.4	-18.1
IV(38)	-51.7	-22.8	-109.4
IV(39)	6.8	-22.4	233.9
IV(40)	23.6	-13.1	215.4
IV(41)	20.5	-45.1	484.2
IV(42)	-45.7	-22.9	-104.4
IV(43)	162.4	-130.0	1726.9
IV(44)	-5.1	-2.7	9.3
IV(45)	1.9	1.3	31.3
IV(46)	-1.9	5.0	-9.9
IV(47)	0.4	-3.8	107.1
IV(48)	-1.4	2.0	-26.7
IV(49)	-0.5	9.3	-91.9
IV(50)	-0.4	-9.2	73.9
IV(51)	4.6	-6.0	67.9
IV(52)	2.2	-6.6	72.5
IV(53)	-1.9	11.8	-145.0
IV(54)	-0.0	7.2	-66.6
IV(55)	2.4	-51.1	220.2
IV(56)	-0.6	2.0	-14.6
IV(57)	7.0	-3.8	55.1
IV(58)	5.9	-8.1	113.3
IV(59)	-16.4	7.6	-155.1
IV(60)	1.9	2.0	-44.7
IV(61)	-1.0	-13.9	62.4
IV(62)	0.6	-0.8	13.6
IV(63)	2.7	-3.3	49.3
IV(64)	4.0	-5.0	63.5
IV(65)	-0.4	-19.7	218.1
IV(66)	1.6	5.4	-44.1

IV(67)	-0.0	0.0	-0.5
IV(68)	2.4	-25.4	296.9
IV(69)	-0.9	4.7	-71.5
IV(70)	-0.0	-0.4	6.1
IV(71)	-0.4	-54.1	452.6
IV(72)	-2.1	-17.2	130.0
IV(73)	-0.1	-0.1	-0.5
IV(74)	2.2	3.8	-49.3
IV(75)	-1.3	0.9	-13.4
IV(76)	-0.2	0.2	-2.8
IV(77)	-0.1	0.1	-1.5
IV(78)	0.0	-0.0	-0.4
IV(79)	1.5	-0.6	-6.6
IV(80)	-9.9	-12.9	-266.7
IV(81)	0.3	3.3	3.6
IV(82)	0.3	2.4	-5.2
IV(83)	0.6	3.7	-17.1
IV(84)	0.2	1.1	5.7
IV(85)	-0.0	-0.0	0.5
IV(86)	1.5	8.7	-48.1
IV(87)	-2.6	-29.7	172.7
IV(88)	-0.8	-23.2	277.5
IV(89)	-0.4	-6.7	69.0
IV(90)	1.6	-15.4	244.7
IV(91)	4.1	-9.0	28.5
IV(92)	0.6	0.6	-16.2
IV(93)	-0.6	2.0	-32.0
IV(94)	1.2	-6.6	35.1
IV(95)	0.5	-1.0	30.5
IV(96)	0.4	-3.9	34.9
IV(97)	0.4	-3.8	43.7
IV(98)	0.5	-0.4	-5.9
IV(99)	0.0	-0.0	-0.0
IV(100)	0.5	-2.1	17.4

Merodajna kombinacija za upogib:
1.35xI+1.50xII
Merodajna kombinacija za strig:
I+0.30xII-0.30xIII(1)-1.00xIV(17)
Mu = -15226.78 kNm
Nu = -7334.36 kN
Tu = 227.77 kN

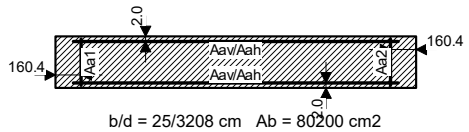
Aa1 =	0.00 cm2	(min:164.25)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:164.25)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.07 cm2/m	(min:±2.50)	(osv:±Q-503)

Dimenzioniranje (beton)



Okvir: os 7
Dispozicija prerezov

Prerez 2 - 2
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/3208 cm Ab = 80200 cm2

No	N [kN]	T [kN]	M [kNm]
I	-3742.8	-11.7	4718.9
II	-273.3	0.3	1507.5
III(1)	-68.7	13.0	280.0
III(2)	-44.2	9.2	225.3
III(3)	-0.4	0.2	7.2
III(4)	-0.1	0.0	1.0
III(5)	0.0	0.1	0.0
III(6)	0.0	0.0	0.1
III(7)	-0.1	0.5	5.6
III(8)	-20.1	5.1	83.7
III(9)	-1.8	0.6	11.4
III(10)	-0.0	-0.0	-0.4
III(11)	-0.0	-0.0	0.0
III(12)	0.0	-0.0	-0.1
III(13)	-2.0	-0.8	8.0
III(14)	0.0	-0.0	-0.1
III(15)	0.1	-0.1	-4.3
III(16)	-0.0	-1.4	-13.5
III(17)	-0.4	3.9	47.1
III(18)	0.5	-0.8	-130.8
III(19)	-0.8	0.6	14.2
III(20)	-0.2	0.2	6.3
III(21)	1.6	-1.1	-25.5
III(22)	-0.1	-0.5	-3.9
III(23)	-0.1	-0.1	-2.0
III(24)	-30.6	16.5	286.5
III(25)	-4.2	35.9	403.6
III(26)	-1.1	-0.1	2.3
III(27)	-0.0	-0.7	-6.5
III(28)	-0.5	0.2	5.7
III(29)	-80.9	5.8	804.3
III(30)	-5.1	2.2	67.2
III(31)	-7.8	19.9	336.0
III(32)	-120.8	75.2	1476.4
III(33)	-180.6	43.1	1836.3
III(34)	-77.0	17.2	663.9
III(35)	3.9	-28.8	-193.2
III(36)	-5.1	1.1	50.0
III(37)	-0.7	0.4	8.2
III(38)	7.6	-7.6	-116.3
III(39)	-2.0	3.0	37.2
III(40)	-10.8	5.1	122.6
III(41)	-106.1	77.2	1292.1
III(42)	-80.1	4.2	551.1
III(43)	24.9	-41.6	-486.7
III(44)	14.1	6.1	-26.4
III(45)	-2.1	1.1	15.3
III(46)	13.1	-61.0	-432.7
III(47)	0.2	3.5	22.2
III(48)	0.3	4.4	3.7
III(49)	7.9	7.0	19.1
III(50)	2.1	4.2	51.8
III(51)	3.3	-28.0	-229.6
III(52)	1.1	-10.9	-70.8
III(53)	10.9	-3.2	-35.4
III(54)	14.6	27.4	9.4
III(55)	9.4	14.2	19.9
III(56)	-0.6	-1.5	-6.6
III(57)	-1.8	-5.0	-17.2
III(58)	0.3	-2.8	-19.7
III(59)	-0.4	-6.4	-37.9
III(60)	0.2	0.7	-5.9
III(61)	-0.1	-0.9	-8.2
III(62)	2.6	-4.7	-70.2
III(63)	-0.1	-0.2	-1.0
III(64)	3.8	-6.0	-61.3
III(65)	1.4	0.5	-7.4
III(66)	-2.2	-0.4	16.4
III(67)	0.4	0.1	-4.1
III(68)	-1.9	2.2	31.6
III(69)	4.8	-10.7	-114.9
III(70)	0.4	-1.4	-20.3
III(71)	0.4	-0.7	0.3
III(72)	0.0	4.9	52.2
III(73)	0.0	-0.2	-1.8
III(74)	12.1	-53.8	-623.3
III(75)	0.2	3.7	36.3
III(76)	0.0	0.2	1.5
III(77)	0.0	0.5	4.5
III(78)	0.1	-0.4	-4.7
III(79)	11.2	30.6	280.5
III(80)	-0.1	0.7	5.1
III(81)	1.2	3.5	28.5
III(82)	-0.7	-0.4	-0.4
III(83)	-0.1	0.0	0.7
III(84)	-1.8	-5.8	-52.2
III(85)	-0.0	-0.0	-0.4
III(86)	0.7	-2.7	-33.5
III(87)	1.2	-2.4	-37.5
III(88)	-0.0	0.1	1.3
III(89)	-0.1	0.1	1.2
III(90)	0.3	-0.4	-14.9
III(91)	0.3	-0.8	4.0
III(92)	-0.7	0.3	5.5
III(93)	-1.1	0.9	7.2
III(94)	-3.5	1.6	26.6
III(95)	-0.0	0.1	0.8
III(96)	-1.9	0.6	7.7
III(97)	0.5	-0.2	-4.8
III(98)	-0.2	-0.1	1.2
III(99)	0.0	-0.0	0.1
III(100)	-0.0	-0.0	0.7
IV(1)	0.1	-0.0	-0.3
IV(2)	0.4	-0.1	-2.2
IV(3)	0.6	-0.3	-10.0
IV(4)	-2.6	1.1	35.5
IV(5)	0.0	2.7	1.5
IV(6)	-2.4	-4.4	-17.7
IV(7)	1.7	-8.0	-88.6
IV(8)	-0.5	0.1	1.9
IV(9)	-0.4	0.1	2.7
IV(10)	-0.0	-0.4	-4.9
IV(11)	-0.7	-0.2	6.4
IV(12)	-0.0	0.2	2.7
IV(13)	-80.8	-31.1	315.2
IV(14)	1.6	-0.1	-13.2
IV(15)	-1.1	0.5	34.3
IV(16)	-0.3	-13.8	-138.2
IV(17)	12.4	-116.1	-1399.1
IV(18)	-0.7	1.0	169.3
IV(19)	-6.1	5.0	112.0
IV(20)	-0.0	0.0	0.2
IV(21)	-4.9	3.3	76.3
IV(22)	0.2	2.1	17.3
IV(23)	4.4	10.6	156.3
IV(24)	-16.5	8.9	154.6
IV(25)	9.6	-81.2	-913.4
IV(26)	-0.5	-0.0	1.0
IV(27)	-0.1	-1.6	-15.2
IV(28)	1.9	-0.7	-21.4

Dimenzioniranje (beton)

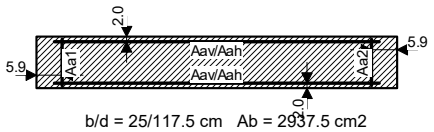
IV(29)	-3.1	0.2	30.8
IV(30)	-3.2	1.4	42.3
IV(31)	1.9	-4.9	-83.5
IV(32)	-12.6	7.8	153.8
IV(33)	-45.2	10.8	460.0
IV(34)	28.4	-6.4	-245.0
IV(35)	-0.3	2.2	14.6
IV(36)	-2.7	0.6	26.5
IV(37)	-0.9	0.4	9.8
IV(38)	-11.9	11.9	182.5
IV(39)	5.8	-8.8	-108.9
IV(40)	6.9	-3.3	-78.6
IV(41)	85.1	-61.9	-1036.2
IV(42)	-112.5	5.9	773.5
IV(43)	70.9	-118.7	-1387.4
IV(44)	6.5	2.8	-12.2
IV(45)	2.7	-1.4	-19.3
IV(46)	1.9	-8.7	-61.7
IV(47)	-0.8	-11.4	-72.3
IV(48)	-0.1	-1.1	-0.9
IV(49)	4.3	3.8	10.4
IV(50)	-0.4	-0.8	-9.6
IV(51)	-1.2	9.7	79.9
IV(52)	-0.3	2.9	18.8
IV(53)	-2.8	0.8	9.0
IV(54)	-4.6	-8.6	-2.9
IV(55)	-18.8	-28.3	-39.5
IV(56)	-0.5	-1.4	-6.1
IV(57)	-5.9	-16.7	-57.2
IV(58)	-0.1	1.0	6.9
IV(59)	-0.8	-14.6	-87.2
IV(60)	-0.5	-2.0	18.2
IV(61)	0.9	10.2	97.0
IV(62)	2.5	-4.4	-66.0
IV(63)	1.4	2.4	12.0
IV(64)	1.9	-3.0	-30.5
IV(65)	-14.8	-5.4	79.1
IV(66)	-19.0	-3.7	142.9
IV(67)	-0.0	-0.0	0.3
IV(68)	-11.4	13.3	193.6
IV(69)	3.1	-6.9	-74.2
IV(70)	0.2	-0.7	-10.3
IV(71)	2.7	-5.0	2.6

IV(72)	-0.0	-12.3	-129.5
IV(73)	0.1	-0.6	-6.3
IV(74)	14.6	-64.9	-752.1
IV(75)	-0.2	-3.3	-32.4
IV(76)	-0.1	-0.4	-4.3
IV(77)	-0.0	-0.4	-3.8
IV(78)	-0.0	0.1	0.9
IV(79)	-5.3	-14.5	-133.4
IV(80)	1.0	-9.6	-71.6
IV(81)	-15.2	-46.7	-375.8
IV(82)	4.6	2.8	2.4
IV(83)	-5.5	2.4	44.9
IV(84)	1.0	3.2	28.7
IV(85)	0.0	0.0	0.2
IV(86)	2.8	-10.6	-130.6
IV(87)	-4.1	8.3	126.7
IV(88)	0.7	-1.6	-23.8
IV(89)	0.6	-0.8	-13.3
IV(90)	1.3	-1.7	-67.1
IV(91)	0.9	-2.0	10.5
IV(92)	2.9	-1.3	-22.3
IV(93)	0.8	-0.6	-5.0
IV(94)	4.0	-1.8	-30.6
IV(95)	0.0	-0.1	-0.5
IV(96)	-1.0	0.3	4.0
IV(97)	1.1	-0.4	-10.3
IV(98)	-0.2	-0.2	1.7
IV(99)	-0.0	0.0	-0.0
IV(100)	-0.1	-0.0	5.9

Merodajna kombinacija za upogib:
1.35xI+1.50xII
Merodajna kombinacija za strig:
I+0.30xII-0.30xIII(1)+IV(17)
Mu = 8631.78 kNm
Nu = -5462.67 kN
Tu = -131.57 kN

Aa1 =	0.00 cm2	(min:120.30)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:120.30)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.05 cm2/m	(min:±2.50)	(osv:±Q-503)

Prerez 3 - 3
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/117.5 cm Ab = 2937.5 cm2

No	N [kN]	T [kN]	M [kNm]
I	-117.9	-2.0	-1.4
II	-3.3	-0.1	-0.0
III(1)	-10.7	-0.2	0.1
III(2)	-2.7	-0.3	-0.1
III(3)	0.1	0.0	0.0
III(4)	0.0	0.0	0.0
III(5)	-0.0	0.0	0.0
III(6)	0.0	0.0	0.0
III(7)	0.0	0.0	0.0
III(8)	-4.0	0.0	0.1
III(9)	-0.1	-0.0	-0.0
III(10)	-0.0	-0.0	-0.0
III(11)	0.0	0.0	-0.0
III(12)	-0.0	-0.0	0.0
III(13)	-0.0	-0.0	-0.0
III(14)	-0.0	0.0	0.0
III(15)	-0.1	0.0	0.0
III(16)	-0.2	-0.0	-0.0
III(17)	0.3	0.0	0.0
III(18)	-6.8	0.2	0.2
III(19)	0.0	0.0	0.0
III(20)	0.1	-0.0	-0.0
III(21)	-0.2	-0.0	-0.0
III(22)	-0.0	-0.0	-0.0
III(23)	-0.0	0.0	-0.0
III(24)	-4.3	0.3	0.3
III(25)	0.0	0.3	0.4
III(26)	-0.2	0.0	0.0
III(27)	0.0	-0.0	-0.0
III(28)	-0.0	0.0	0.0
III(29)	0.2	0.0	0.0
III(30)	0.2	0.0	0.0
III(31)	1.7	0.1	0.1
III(32)	-2.6	0.3	0.5
III(33)	3.3	0.1	0.2
III(34)	2.1	-0.2	-0.1
III(35)	-1.8	0.1	-0.1
III(36)	-0.2	0.0	0.0

III(37)	-0.0	0.0	0.0
III(38)	-0.4	-0.0	-0.0
III(39)	-0.2	0.0	0.0
III(40)	-0.2	0.0	0.0
III(41)	-1.0	0.4	0.5
III(42)	0.5	-0.0	-0.1
III(43)	-0.7	-0.2	-0.3
III(44)	0.1	0.0	0.1
III(45)	0.0	0.0	0.0
III(46)	0.1	-0.3	-0.5
III(47)	0.1	0.0	0.0
III(48)	-0.6	0.0	0.0
III(49)	0.2	0.1	0.1
III(50)	-0.0	0.1	0.1
III(51)	-0.1	-0.2	-0.3
III(52)	0.2	-0.1	-0.1
III(53)	0.4	0.0	0.1
III(54)	-0.0	0.1	0.2
III(55)	-0.2	0.1	0.1
III(56)	-0.0	-0.0	-0.0
III(57)	0.0	-0.0	-0.0
III(58)	0.0	-0.0	-0.0
III(59)	-0.2	-0.0	-0.1
III(60)	-0.1	0.0	-0.0
III(61)	-0.0	-0.0	-0.0
III(62)	-0.1	-0.1	-0.1
III(63)	-0.0	-0.0	-0.0
III(64)	0.3	-0.0	-0.0
III(65)	0.0	0.0	0.0
III(66)	-0.0	-0.0	-0.0
III(67)	-0.0	0.0	0.0
III(68)	-0.1	0.0	0.0
III(69)	0.2	-0.1	-0.1
III(70)	-0.1	-0.0	-0.0
III(71)	0.0	0.0	0.0
III(72)	-0.0	0.1	0.1
III(73)	-0.0	-0.0	-0.0
III(74)	-0.4	-0.5	-0.7
III(75)	0.0	0.0	0.1
III(76)	0.0	0.0	0.0
III(77)	-0.0	0.0	0.0
III(78)	-0.0	-0.0	-0.0
III(79)	0.2	0.4	0.5
III(80)	0.0	0.0	0.0
III(81)	0.0	0.0	0.1
III(82)	0.0	-0.0	-0.0
III(83)	0.0	0.0	0.0
III(84)	-0.1	-0.1	-0.1
III(85)	-0.0	-0.0	-0.0
III(86)	-0.0	-0.0	-0.0
III(87)	-0.0	-0.0	-0.0
III(88)	0.0	-0.0	-0.0
III(89)	0.0	0.0	0.0
III(90)	-0.1	-0.0	-0.0

Dimenzioniranje (beton)

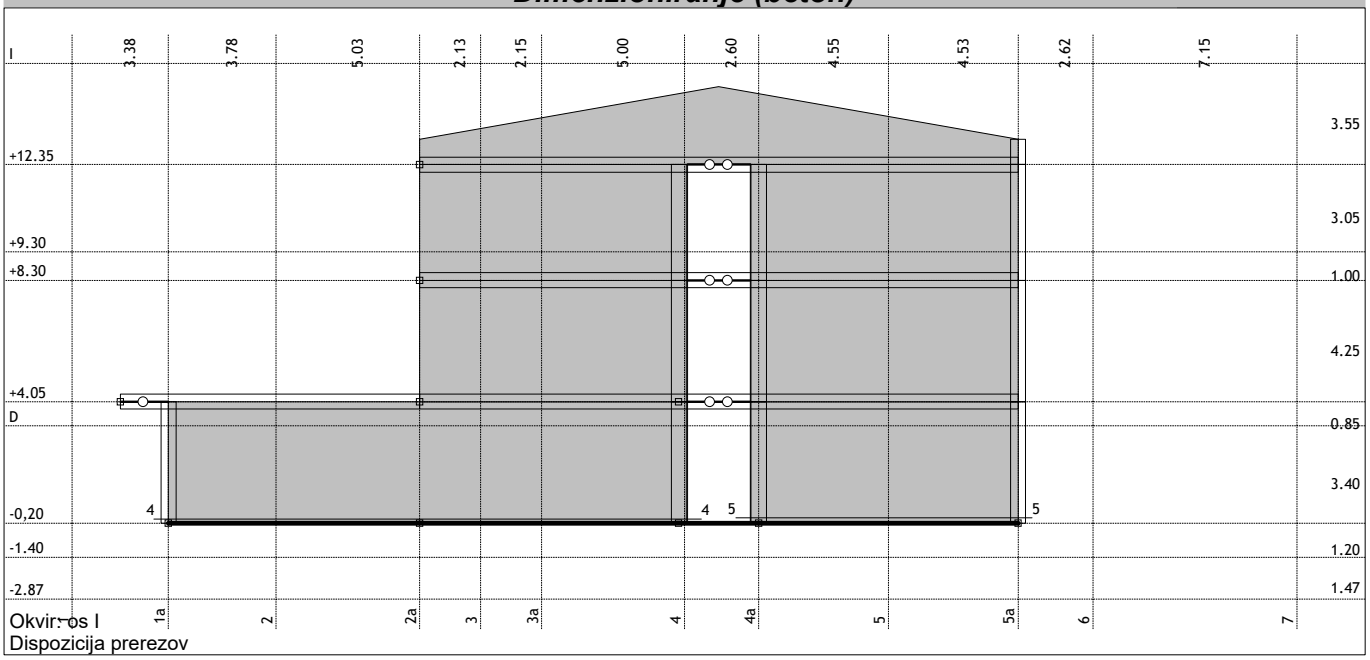
III(91)	0.4	-0.0	-0.0
III(92)	-0.0	0.0	0.0
III(93)	0.0	0.0	0.0
III(94)	-0.2	0.0	0.0
III(95)	-0.0	0.0	0.0
III(96)	-0.2	0.0	0.0
III(97)	-0.1	0.0	0.0
III(98)	0.1	-0.0	-0.0
III(99)	0.0	-0.0	-0.0
III(100)	0.0	0.0	0.0
IV(1)	0.0	0.0	-0.0
IV(2)	0.0	0.0	0.0
IV(3)	-0.2	-0.0	-0.0
IV(4)	0.2	0.0	0.0
IV(5)	-0.0	0.0	0.0
IV(6)	-0.0	-0.0	-0.0
IV(7)	-0.0	-0.1	-0.0
IV(8)	-0.1	0.0	0.0
IV(9)	-0.0	-0.0	-0.0
IV(10)	-0.0	-0.0	-0.0
IV(11)	0.0	0.0	-0.0
IV(12)	0.0	0.0	-0.0
IV(13)	-0.0	-0.2	-0.3
IV(14)	-0.1	0.0	0.0
IV(15)	1.1	-0.0	-0.0
IV(16)	-1.8	-0.0	-0.1
IV(17)	-8.5	-0.3	-0.6
IV(18)	8.9	-0.3	-0.3
IV(19)	0.0	0.0	0.0
IV(20)	0.0	-0.0	-0.0
IV(21)	0.5	0.0	0.0
IV(22)	0.0	0.0	0.0
IV(23)	1.6	-0.1	0.0
IV(24)	-2.3	0.2	0.2
IV(25)	-0.0	-0.6	-0.8
IV(26)	-0.1	0.0	0.0
IV(27)	0.0	-0.0	-0.0
IV(28)	0.0	-0.0	-0.0
IV(29)	0.0	0.0	0.0
IV(30)	0.1	0.0	0.0
IV(31)	-0.4	-0.0	-0.0
IV(32)	-0.3	0.0	0.1
IV(33)	0.8	0.0	0.0
IV(34)	-0.8	0.1	0.0
IV(35)	0.1	-0.0	0.0
IV(36)	-0.1	0.0	0.0
IV(37)	-0.0	0.0	0.0
IV(38)	0.6	0.0	0.1
IV(39)	0.6	-0.1	-0.1
IV(40)	0.1	-0.0	-0.0
IV(41)	0.8	-0.3	-0.4
IV(42)	0.7	-0.0	-0.1
IV(43)	-2.0	-0.5	-0.8
IV(44)	0.0	0.0	0.0
IV(45)	-0.0	-0.0	-0.0
IV(46)	0.0	-0.0	-0.1
IV(47)	-0.4	-0.1	-0.1
IV(48)	0.1	-0.0	-0.0
IV(49)	0.1	0.0	0.0
IV(50)	0.0	-0.0	-0.0
IV(51)	0.0	0.1	0.1

IV(52)	-0.1	0.0	0.0
IV(53)	-0.1	-0.0	-0.0
IV(54)	0.0	-0.0	-0.1
IV(55)	0.3	-0.2	-0.3
IV(56)	-0.0	-0.0	-0.0
IV(57)	0.1	-0.1	-0.1
IV(58)	-0.0	0.0	0.0
IV(59)	-0.6	-0.1	-0.1
IV(60)	0.2	-0.0	0.0
IV(61)	0.1	0.1	0.1
IV(62)	-0.1	-0.1	-0.1
IV(63)	0.1	0.0	0.0
IV(64)	0.1	-0.0	-0.0
IV(65)	-0.4	-0.0	-0.0
IV(66)	-0.3	-0.0	-0.0
IV(67)	0.0	-0.0	-0.0
IV(68)	-0.3	0.1	0.2
IV(69)	0.1	-0.1	-0.1
IV(70)	-0.0	-0.0	-0.0
IV(71)	0.3	0.0	0.0
IV(72)	0.0	-0.1	-0.2
IV(73)	-0.0	-0.0	-0.0
IV(74)	-0.5	-0.6	-0.8
IV(75)	-0.0	-0.0	-0.0
IV(76)	-0.0	-0.0	-0.0
IV(77)	0.0	-0.0	-0.0
IV(78)	0.0	0.0	0.0
IV(79)	-0.1	-0.2	-0.2
IV(80)	-0.0	-0.1	-0.1
IV(81)	-0.4	-0.5	-0.7
IV(82)	-0.0	0.0	0.1
IV(83)	0.1	0.0	0.0
IV(84)	0.0	0.0	0.1
IV(85)	0.0	0.0	0.0
IV(86)	-0.2	-0.1	-0.2
IV(87)	0.1	0.1	0.1
IV(88)	-0.5	0.0	0.0
IV(89)	-0.2	-0.0	-0.0
IV(90)	-0.5	-0.0	-0.0
IV(91)	1.0	-0.0	-0.0
IV(92)	0.2	-0.0	-0.0
IV(93)	-0.0	-0.0	-0.0
IV(94)	0.2	-0.0	-0.0
IV(95)	0.0	-0.0	-0.0
IV(96)	-0.1	0.0	0.0
IV(97)	-0.1	0.0	0.0
IV(98)	0.1	-0.0	-0.0
IV(99)	-0.0	0.0	0.0
IV(100)	0.1	0.0	0.0

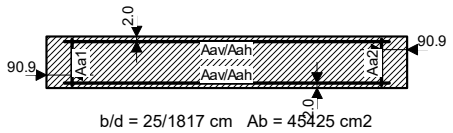
Merodajna kombinacija za upogib: 1.35xI+1.50xII
Merodajna kombinacija za strig: 1.35xI+1.50xII
Mu = -2.00 kNm
Nu = -164.15 kN
Tu = -2.84 kN

Aa1 =	0.00 cm2	(min:4.41)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:4.41)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.03 cm2/m	(min:±2.50)	(osv:±Q-503)

Dimenzioniranje (beton)



Prerez 4 - 4
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/1817 cm Ab = 45425 cm2

No	N [kN]	T [kN]	M [kNm]
I	-2288.9	98.3	6061.4
II	-381.7	29.1	1340.4
III(1)	0.7	-0.4	6.7
III(2)	-0.1	-0.0	-1.1
III(3)	0.0	-0.0	0.1
III(4)	0.0	-0.0	-0.0
III(5)	0.1	-0.1	-0.5
III(6)	-0.1	0.0	0.4
III(7)	-1.1	0.9	-0.1
III(8)	0.8	-0.7	1.8
III(9)	0.0	-0.0	-0.1
III(10)	-0.0	0.0	0.1
III(11)	-0.0	0.0	-0.1
III(12)	-0.0	0.0	-0.0
III(13)	0.7	-0.7	-0.1
III(14)	-0.0	0.0	-0.2
III(15)	-0.2	-0.1	1.2
III(16)	0.3	-0.3	-0.0
III(17)	-10.9	8.6	7.9
III(18)	-5.9	4.8	3.2
III(19)	-1.4	1.9	-2.9
III(20)	-0.1	0.2	-0.3
III(21)	0.3	-0.5	1.1
III(22)	1.6	-1.8	4.1
III(23)	0.2	-0.4	1.0
III(24)	-3.0	5.6	-14.4
III(25)	0.1	0.5	-7.0
III(26)	0.0	0.0	0.1
III(27)	-0.3	0.5	-1.7
III(28)	-0.6	0.7	-1.5
III(29)	47.4	-81.9	220.1
III(30)	-5.5	6.2	-25.1
III(31)	-13.3	15.9	-45.5
III(32)	-41.1	49.8	-173.4
III(33)	53.7	-71.8	155.6
III(34)	42.1	-60.4	208.0
III(35)	72.5	-95.7	307.6
III(36)	3.4	-4.8	10.8
III(37)	-0.3	0.1	-2.8
III(38)	16.4	-22.6	85.6
III(39)	-1.4	0.7	-3.9
III(40)	5.3	-9.0	24.7
III(41)	19.6	-25.7	77.3
III(42)	-0.1	-0.4	3.2
III(43)	-3.1	6.4	-17.3
III(44)	21.4	-24.3	84.8
III(45)	0.9	-0.3	11.4
III(46)	15.6	-32.2	82.4
III(47)	-0.5	0.8	-2.1
III(48)	1.1	-0.7	4.1
III(49)	14.8	-23.3	43.9
III(50)	16.4	-34.5	47.0
III(51)	-16.7	19.0	-40.4
III(52)	-4.9	2.8	-12.1
III(53)	-4.3	7.6	10.5
III(54)	6.7	-3.5	10.1
III(55)	-2.8	-2.8	9.9
III(56)	-0.4	0.4	-1.6
III(57)	-2.3	1.1	-1.1
III(58)	-1.1	-0.6	-0.0
III(59)	-1.1	1.9	-9.8
III(60)	0.4	-0.9	4.2
III(61)	-0.1	0.1	1.1
III(62)	-0.1	0.3	-1.3
III(63)	-0.1	0.2	-0.4
III(64)	0.3	1.1	-0.3
III(65)	-0.3	-0.1	-0.4
III(66)	0.1	-0.2	0.5
III(67)	-0.0	-0.0	0.0
III(68)	0.3	-0.6	1.3
III(69)	0.6	1.7	-2.1
III(70)	0.0	0.1	-0.1
III(71)	0.6	0.1	0.4
III(72)	-0.6	-0.3	-0.0
III(73)	0.0	0.0	-0.0
III(74)	0.6	-1.5	1.3
III(75)	0.1	0.4	-0.9
III(76)	-0.0	0.0	-0.0
III(77)	0.0	0.0	-0.1
III(78)	-0.1	0.0	0.2
III(79)	-0.2	-1.6	3.2
III(80)	-1.0	-0.1	1.6
III(81)	-0.1	0.3	-0.5
III(82)	-0.0	0.0	0.2
III(83)	-0.0	0.0	-0.1
III(84)	0.0	4.7	-9.2
III(85)	-0.0	0.0	-0.0
III(86)	-0.5	0.7	-1.3
III(87)	-0.1	-2.2	2.7
III(88)	-0.0	0.1	-0.5
III(89)	-0.0	-0.0	0.1
III(90)	-0.0	-0.1	1.3
III(91)	0.1	0.0	0.5
III(92)	-0.0	0.1	-0.4
III(93)	0.7	-0.9	4.7
III(94)	-0.6	-0.7	-1.4
III(95)	0.7	-0.0	1.9
III(96)	0.1	1.1	5.1
III(97)	-0.4	-0.0	1.6
III(98)	-0.1	-0.3	1.3
III(99)	0.0	-0.0	0.0
III(100)	-0.1	0.2	-0.4
IV(1)	-0.0	0.0	-0.0
IV(2)	0.0	0.0	0.0
IV(3)	-0.0	0.0	-0.1
IV(4)	0.0	-0.0	-0.1
IV(5)	5.7	-4.8	-18.3
IV(6)	10.8	-3.4	-58.9
IV(7)	16.9	-14.3	1.3
IV(8)	0.0	-0.0	0.0
IV(9)	0.0	-0.0	-0.0
IV(10)	-0.3	0.2	0.6
IV(11)	-1.9	2.3	-17.8
IV(12)	0.3	-0.2	0.1
IV(13)	27.5	-27.1	-4.9
IV(14)	-1.2	3.5	-30.4

Dimenzioniranje (beton)

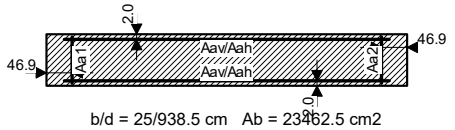
IV(15)	1.4	1.0	-9.7
IV(16)	3.1	-2.8	-0.4
IV(17)	323.9	-256.6	-235.2
IV(18)	7.7	-6.2	-4.2
IV(19)	-11.0	15.2	-23.0
IV(20)	-0.0	0.0	-0.0
IV(21)	-1.0	1.5	-3.4
IV(22)	-7.2	7.9	-18.4
IV(23)	-19.0	33.5	-80.9
IV(24)	-1.6	3.0	-7.8
IV(25)	-0.3	-1.1	15.8
IV(26)	0.0	0.0	0.0
IV(27)	-0.8	1.1	-4.0
IV(28)	2.2	-2.6	5.8
IV(29)	1.8	-3.1	8.4
IV(30)	-3.5	3.9	-15.8
IV(31)	3.3	-3.9	11.3
IV(32)	-4.3	5.2	-18.1
IV(33)	13.5	-18.0	39.0
IV(34)	-15.5	22.3	-76.7
IV(35)	-5.5	7.2	-23.2
IV(36)	1.8	-2.5	5.7
IV(37)	-0.3	0.1	-3.4
IV(38)	-25.7	35.5	-134.3
IV(39)	4.2	-2.1	11.4
IV(40)	-3.4	5.7	-15.9
IV(41)	-15.7	20.6	-62.0
IV(42)	-0.1	-0.5	4.5
IV(43)	-8.9	18.2	-49.3
IV(44)	9.9	-11.2	39.1
IV(45)	-1.1	0.4	-14.4
IV(46)	2.2	-4.6	11.8
IV(47)	1.6	-2.6	6.7
IV(48)	-0.3	0.2	-1.0
IV(49)	8.0	-12.7	23.9
IV(50)	-3.0	6.4	-8.7
IV(51)	5.8	-6.6	14.1
IV(52)	1.3	-0.7	3.2
IV(53)	1.1	-1.9	-2.7
IV(54)	-2.1	1.1	-3.2
IV(55)	5.5	5.6	-19.6
IV(56)	-0.4	0.3	-1.5
IV(57)	-7.6	3.6	-3.7
IV(58)	0.4	0.2	0.0
IV(59)	-2.6	4.3	-22.6
IV(60)	-1.4	2.8	-13.0
IV(61)	0.9	-1.3	-13.3
IV(62)	-0.1	0.3	-1.2
IV(63)	0.8	-1.9	4.2
IV(64)	0.1	0.6	-0.1

IV(65)	2.8	1.0	3.9
IV(66)	0.8	-1.9	4.8
IV(67)	0.0	0.0	-0.0
IV(68)	1.9	-3.8	7.8
IV(69)	0.4	1.1	-1.4
IV(70)	0.0	0.1	-0.1
IV(71)	4.7	0.8	3.3
IV(72)	1.4	0.8	0.0
IV(73)	0.0	0.0	-0.0
IV(74)	0.7	-1.8	1.5
IV(75)	-0.1	-0.4	0.8
IV(76)	0.0	-0.1	0.1
IV(77)	-0.0	-0.0	0.1
IV(78)	0.0	-0.0	-0.0
IV(79)	0.1	0.8	-1.5
IV(80)	14.5	1.7	-23.0
IV(81)	0.9	-4.0	6.6
IV(82)	0.2	-0.1	-1.5
IV(83)	-0.4	1.1	-5.3
IV(84)	-0.0	-2.6	5.0
IV(85)	0.0	-0.0	0.0
IV(86)	-2.0	2.7	-5.1
IV(87)	0.4	7.4	-9.1
IV(88)	0.8	-2.3	8.8
IV(89)	0.4	0.4	-0.9
IV(90)	-0.2	-0.3	5.7
IV(91)	0.3	0.1	1.4
IV(92)	0.1	-0.3	1.5
IV(93)	-0.5	0.6	-3.3
IV(94)	0.7	0.8	1.6
IV(95)	-0.5	0.0	-1.4
IV(96)	0.1	0.6	2.6
IV(97)	-0.8	-0.0	3.4
IV(98)	-0.1	-0.4	1.8
IV(99)	-0.0	0.0	-0.0
IV(100)	-0.7	1.5	-3.2

Merodajna kombinacija za upogib:
1.35xI+1.50xII
Merodajna kombinacija za strig:
I+0.30xII+0.30xIII(17)-1.00xIV(17)

Mu =	10193.43 kNm		
Nu =	-3662.56 kN		
Tu =	366.19 kN		
Aa1 =	0.00 cm2	(min:68.14)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:68.14)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.25 cm2/m	(min:±2.50)	(osv:±Q-503)

Prerez 5 - 5
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/938.5 cm Ab = 23462.5 cm2

No	N [kN]	T [kN]	M [kNm]
I	-1740.8	-77.5	-285.4
II	-324.8	-19.7	-117.3
III(1)	-1.3	-1.2	1.1
III(2)	0.3	0.1	-0.2
III(3)	-0.0	-0.0	0.0
III(4)	0.0	-0.0	0.0
III(5)	0.3	-0.0	0.7
III(6)	-0.2	-0.1	-0.3
III(7)	-1.2	0.4	-4.9
III(8)	0.3	-0.6	3.2
III(9)	0.1	0.0	0.1
III(10)	-0.1	-0.0	-0.1
III(11)	0.0	0.0	-0.0
III(12)	-0.0	0.0	-0.0
III(13)	0.9	-0.5	3.3
III(14)	0.0	0.0	-0.0
III(15)	-0.6	-0.2	-0.6
III(16)	0.4	-0.2	1.4
III(17)	-15.5	2.7	-50.7
III(18)	-8.1	1.7	-27.5
III(19)	-0.8	1.2	-7.3
III(20)	-0.0	0.1	-0.6
III(21)	0.0	-0.4	1.8
III(22)	0.5	-1.3	7.7
III(23)	-0.0	-0.3	1.4
III(24)	1.3	4.9	-17.9
III(25)	3.2	3.2	-0.2
III(26)	-0.0	-0.0	-0.1
III(27)	0.3	0.6	-1.5
III(28)	-0.0	0.6	-2.9
III(29)	-19.4	-63.4	243.5

III(30)	4.7	7.1	-25.9
III(31)	4.6	17.9	-66.5
III(32)	26.9	56.8	-201.7
III(33)	8.9	-53.5	254.9
III(34)	-31.6	-58.3	203.0
III(35)	-37.0	-90.3	345.9
III(36)	-0.0	-3.7	16.9
III(37)	1.1	0.5	-0.6
III(38)	-15.1	-23.1	76.8
III(39)	0.5	1.4	-5.5
III(40)	-3.2	-7.3	27.2
III(41)	-8.5	-22.2	92.8
III(42)	-2.9	-5.6	-0.8
III(43)	3.2	3.8	-18.2
III(44)	-11.8	-23.2	96.5
III(45)	-4.4	-1.9	1.6
III(46)	-8.7	-24.4	83.8
III(47)	0.2	0.9	-2.4
III(48)	-0.9	-0.8	4.0
III(49)	1.1	-18.0	74.1
III(50)	13.7	-20.0	97.4
III(51)	-2.3	17.1	-77.9
III(52)	1.9	4.4	-19.0
III(53)	-12.6	2.2	-23.8
III(54)	-0.1	-4.8	26.2
III(55)	-3.3	-0.0	-5.6
III(56)	0.1	0.2	-1.7
III(57)	-1.2	0.7	-9.7
III(58)	0.6	0.4	-2.4
III(59)	2.4	1.7	-6.3
III(60)	-1.0	-0.8	2.7
III(61)	0.0	0.5	-0.2
III(62)	0.2	0.2	-0.9
III(63)	0.1	0.3	-0.4
III(64)	0.2	1.4	-0.8
III(65)	0.1	0.0	-0.7
III(66)	0.0	-0.2	0.5
III(67)	-0.0	-0.0	-0.0
III(68)	-0.2	-0.5	1.4
III(69)	-0.5	1.4	-0.2
III(70)	-0.0	0.1	-0.1
III(71)	-0.1	-0.1	1.5
III(72)	0.2	-0.1	-1.2
III(73)	0.0	0.0	0.0
III(74)	-0.6	-1.8	3.7
III(75)	-0.1	0.2	-0.1
III(76)	-0.0	0.0	-0.1

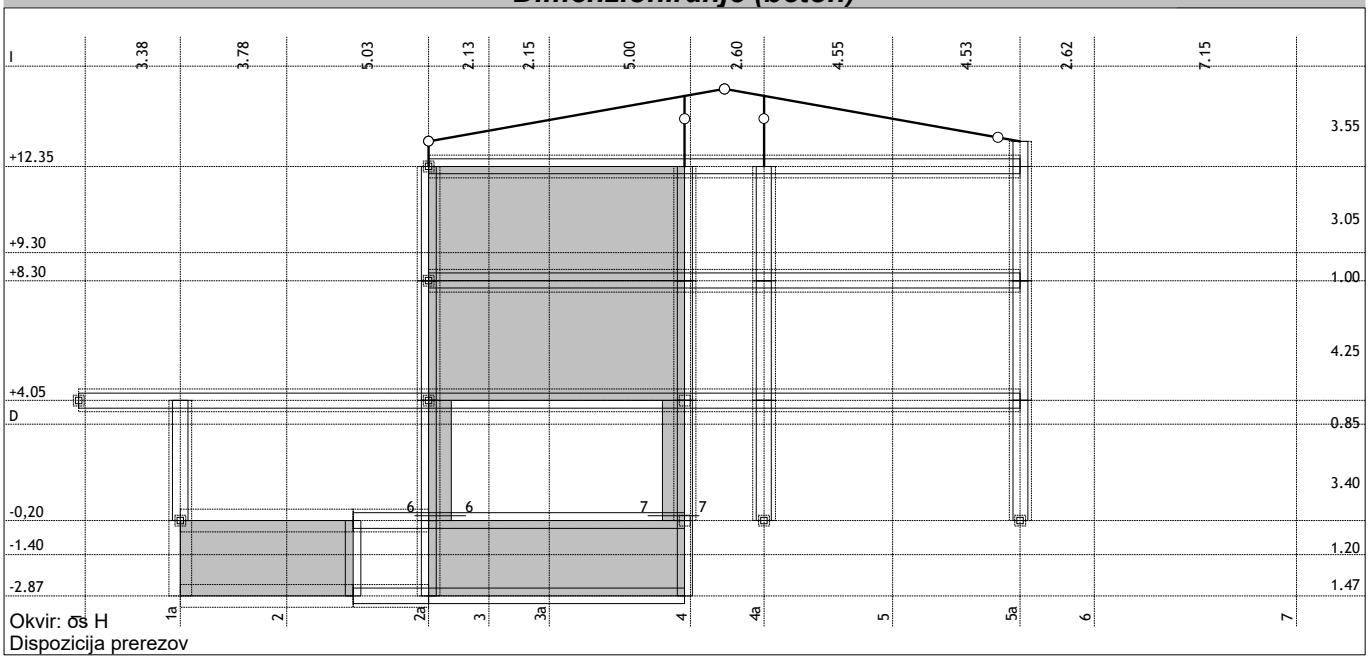
Dimenzioniranje (beton)

III(77)	0.0	0.0	0.0
III(78)	-0.1	0.0	-0.4
III(79)	1.2	-0.7	0.7
III(80)	-0.1	0.1	-2.4
III(81)	-0.2	0.2	-0.5
III(82)	-0.1	0.0	-0.1
III(83)	0.0	0.0	-0.0
III(84)	-1.8	3.9	-5.2
III(85)	-0.0	0.0	-0.0
III(86)	-0.5	0.6	-2.1
III(87)	0.4	-1.9	3.5
III(88)	-0.1	0.2	-0.3
III(89)	-0.0	0.0	-0.1
III(90)	-0.3	-0.3	0.5
III(91)	0.1	-0.3	0.6
III(92)	0.1	-0.0	-0.1
III(93)	-1.1	-0.1	2.1
III(94)	-0.5	0.3	-0.8
III(95)	0.2	-0.4	2.1
III(96)	1.1	-1.4	-0.7
III(97)	0.2	-0.7	-1.7
III(98)	-0.1	-0.4	-0.3
III(99)	-0.0	-0.0	0.0
III(100)	0.0	0.1	-0.4
IV(1)	0.0	0.0	-0.0
IV(2)	-0.0	-0.0	0.0
IV(3)	0.0	0.0	-0.1
IV(4)	0.1	-0.0	0.1
IV(5)	12.0	-0.1	24.8
IV(6)	33.3	7.4	48.0
IV(7)	19.0	-6.2	78.7
IV(8)	0.0	-0.0	0.1
IV(9)	0.0	0.0	0.0
IV(10)	-0.6	-0.1	-1.1
IV(11)	5.4	3.6	-7.1
IV(12)	0.3	-0.1	1.3
IV(13)	35.4	-17.9	131.7
IV(14)	9.2	5.9	-5.1
IV(15)	4.5	1.7	4.4
IV(16)	3.7	-1.6	14.8
IV(17)	460.2	-80.2	1506.3
IV(18)	10.5	-2.2	35.7
IV(19)	-6.0	9.7	-58.0
IV(20)	-0.0	0.0	-0.0
IV(21)	-0.1	1.1	-5.3
IV(22)	-2.3	6.0	-34.3
IV(23)	3.7	26.5	-106.0
IV(24)	0.7	2.6	-9.7
IV(25)	-7.2	-7.3	0.4
IV(26)	-0.0	-0.0	-0.0
IV(27)	0.7	1.3	-3.4
IV(28)	0.1	-2.3	11.0
IV(29)	-0.7	-2.4	9.3
IV(30)	2.9	4.5	-16.3
IV(31)	-1.2	-4.4	16.5
IV(32)	2.8	5.9	-21.0
IV(33)	2.2	-13.4	63.9
IV(34)	11.7	21.5	-74.9
IV(35)	2.8	6.8	-26.1
IV(36)	-0.0	-1.9	8.9
IV(37)	1.3	0.6	-0.8
IV(38)	23.8	36.2	-120.6
IV(39)	-1.6	-4.0	16.1
IV(40)	2.1	4.7	-17.4
IV(41)	6.8	17.8	-74.4
IV(42)	-4.1	-7.8	-1.2
IV(43)	9.2	10.9	-51.9
IV(44)	-5.4	-10.7	44.5
IV(45)	5.6	2.4	-2.1
IV(46)	-1.2	-3.5	11.9
IV(47)	-0.6	-2.9	7.7
IV(48)	0.2	0.2	-1.0
IV(49)	0.6	-9.8	40.4
IV(50)	-2.5	3.7	-18.0
IV(51)	0.8	-6.0	27.1
IV(52)	-0.5	-1.2	5.1
IV(53)	3.2	-0.6	6.1
IV(54)	0.0	1.5	-8.2
IV(55)	6.6	0.0	11.1
IV(56)	0.1	0.2	-1.6
IV(57)	-4.0	2.3	-32.1
IV(58)	-0.2	-0.1	0.8
IV(59)	5.6	4.0	-14.5
IV(60)	3.1	2.4	-8.3
IV(61)	-0.5	-5.5	2.1
IV(62)	0.1	0.2	-0.8
IV(63)	-1.1	-3.1	4.7
IV(64)	0.1	0.7	-0.4
IV(65)	-1.0	-0.3	7.4
IV(66)	0.1	-1.5	4.1
IV(67)	0.0	0.0	0.0
IV(68)	-1.4	-3.3	8.8
IV(69)	-0.3	0.9	-0.1
IV(70)	-0.0	0.0	-0.0
IV(71)	-0.9	-0.7	11.3
IV(72)	-0.5	0.1	2.9
IV(73)	0.0	0.0	0.1
IV(74)	-0.8	-2.2	4.5
IV(75)	0.1	-0.2	0.1
IV(76)	0.0	-0.1	0.2
IV(77)	-0.0	-0.0	-0.0
IV(78)	0.0	-0.0	0.1
IV(79)	-0.6	0.3	-0.3
IV(80)	0.8	-1.5	33.6
IV(81)	3.0	-2.7	6.1
IV(82)	0.5	-0.1	0.4
IV(83)	0.3	0.6	-2.8
IV(84)	1.0	-2.2	2.9
IV(85)	0.0	-0.0	0.0
IV(86)	-1.9	2.3	-8.2
IV(87)	-1.3	6.4	-12.0
IV(88)	1.6	-2.9	5.1
IV(89)	0.3	-0.0	0.7
IV(90)	-1.4	-1.2	2.0
IV(91)	0.3	-0.7	1.5
IV(92)	-0.4	0.1	0.3
IV(93)	0.7	0.1	-1.5
IV(94)	0.6	-0.4	0.9
IV(95)	-0.2	0.3	-1.5
IV(96)	0.6	-0.7	-0.4
IV(97)	0.5	-1.5	-3.6
IV(98)	-0.1	-0.5	-0.4
IV(99)	0.0	0.0	-0.0
IV(100)	0.2	0.8	-3.2

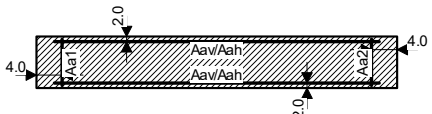
Merodajna kombinacija za upogib:
I+0.30xII+0.30xIII(17)-1.00xIV(17)
Merodajna kombinacija za strig:
I+0.30xII-0.30xIII(17)+IV(17)
Mu = -1842.08 kNm
Nu = -2303.13 kN
Tu = -164.33 kN

Aa1 =	0.00 cm2	(min:35.19)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:35.19)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.22 cm2/m	(min:±2.50)	(osv:±Q-503)

Dimenzioniranje (beton)



Prerez 6 - 6
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/80 cm Ab = 2000 cm2

No	N [kN]	T [kN]	M [kNm]
I	-344.8	-10.6	-3.3
II	-84.6	-2.2	-1.1
III(1)	0.2	-0.0	0.0
III(2)	0.0	-0.0	-0.0
III(3)	0.0	-0.0	0.0
III(4)	0.0	-0.0	0.0
III(5)	0.0	-0.0	0.0
III(6)	-0.0	0.0	-0.0
III(7)	-0.1	0.0	-0.0
III(8)	0.2	-0.0	0.0
III(9)	0.0	-0.0	0.0
III(10)	-0.0	0.0	-0.0
III(11)	-0.0	0.0	-0.0
III(12)	-0.0	0.0	-0.0
III(13)	0.1	-0.0	0.0
III(14)	0.0	-0.0	0.0
III(15)	-0.0	0.0	0.0
III(16)	0.0	-0.0	0.0
III(17)	-1.6	0.2	-0.1
III(18)	-0.9	0.1	-0.1
III(19)	-0.2	0.0	-0.0
III(20)	-0.0	0.0	-0.0
III(21)	0.1	-0.0	0.0
III(22)	0.3	-0.0	0.0
III(23)	0.0	-0.0	0.0
III(24)	-0.2	0.0	-0.0
III(25)	0.3	-0.0	0.0
III(26)	0.0	-0.0	0.0
III(27)	-0.0	-0.0	-0.0
III(28)	-0.2	0.0	-0.0
III(29)	27.1	-3.2	3.0
III(30)	-1.1	0.1	-0.1
III(31)	-1.9	0.1	-0.2
III(32)	-5.9	0.4	-0.5
III(33)	22.3	-2.6	2.4
III(34)	13.5	-1.4	1.4
III(35)	22.5	-2.3	2.3
III(36)	1.5	-0.2	0.2
III(37)	0.1	-0.0	0.0
III(38)	4.0	-0.4	0.4
III(39)	-0.1	-0.0	0.0
III(40)	2.4	-0.3	0.3
III(41)	4.1	-0.3	0.4
III(42)	0.3	-0.0	0.0
III(43)	-0.4	-0.0	-0.0
III(44)	6.1	-0.6	0.6
III(45)	-0.1	0.0	-0.0
III(46)	10.4	-1.2	1.1
III(47)	-0.2	0.0	-0.0
III(48)	0.3	-0.0	0.0
III(49)	5.4	-0.6	0.6
III(50)	8.9	-1.1	1.0
III(51)	-4.3	0.4	-0.4
III(52)	-0.7	0.0	-0.0
III(53)	0.5	0.0	-0.0
III(54)	0.3	0.0	-0.0
III(55)	2.0	-0.3	0.2
III(56)	-0.2	0.0	-0.0
III(57)	0.3	-0.0	0.0
III(58)	0.0	-0.0	0.0
III(59)	-1.0	0.1	-0.1
III(60)	0.4	-0.0	0.0
III(61)	-0.1	0.0	-0.0
III(62)	-0.1	0.0	-0.0
III(63)	-0.0	0.0	-0.0
III(64)	0.2	-0.0	0.0
III(65)	0.1	-0.0	0.0
III(66)	0.0	-0.0	0.0
III(67)	0.1	-0.0	0.0
III(68)	0.5	-0.1	0.0
III(69)	-1.2	0.1	-0.1
III(70)	-0.0	0.0	-0.0
III(71)	0.1	-0.0	0.0
III(72)	-0.1	0.0	-0.0
III(73)	-0.0	0.0	-0.0
III(74)	0.7	-0.1	0.1
III(75)	-0.1	0.0	-0.0
III(76)	-0.0	0.0	-0.0
III(77)	-0.0	0.0	-0.0
III(78)	0.0	-0.0	0.0
III(79)	-0.1	0.0	-0.0
III(80)	-0.1	0.0	-0.0
III(81)	0.0	-0.0	0.0
III(82)	0.0	-0.0	0.0
III(83)	-0.0	0.0	-0.0
III(84)	-0.4	0.0	-0.0
III(85)	0.0	-0.0	0.0
III(86)	-0.1	0.0	0.0
III(87)	-0.0	-0.0	0.0
III(88)	-0.0	-0.0	0.0
III(89)	-0.0	0.0	0.0
III(90)	-0.1	-0.0	0.0
III(91)	-0.0	0.0	-0.0
III(92)	-0.0	0.0	-0.0
III(93)	0.1	-0.0	0.0
III(94)	0.3	0.0	-0.0
III(95)	-0.2	-0.0	0.0
III(96)	-1.0	0.0	0.0
III(97)	-0.0	-0.0	0.0
III(98)	0.1	-0.0	0.0
III(99)	0.0	-0.0	0.0
III(100)	-0.0	0.0	-0.0
IV(1)	-0.0	0.0	-0.0
IV(2)	-0.0	0.0	0.0
IV(3)	-0.0	0.0	-0.0
IV(4)	0.0	-0.0	0.0
IV(5)	0.4	-0.1	0.1
IV(6)	1.8	-0.2	0.1
IV(7)	2.3	-0.2	0.2
IV(8)	0.0	-0.0	0.0
IV(9)	0.0	-0.0	0.0
IV(10)	-0.0	0.0	-0.0
IV(11)	-0.8	0.0	-0.0
IV(12)	0.0	-0.0	0.0
IV(13)	4.1	-0.5	0.4
IV(14)	0.3	-0.1	0.0

Dimenzioniranje (beton)

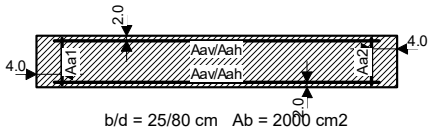
IV(15)	0.2	-0.0	-0.0
IV(16)	0.4	-0.0	0.0
IV(17)	46.5	-5.1	4.0
IV(18)	1.1	-0.1	0.1
IV(19)	-1.6	0.2	-0.2
IV(20)	-0.0	0.0	-0.0
IV(21)	-0.2	0.0	-0.0
IV(22)	-1.4	0.1	-0.1
IV(23)	-3.4	0.3	-0.4
IV(24)	-0.1	0.0	-0.0
IV(25)	-0.6	0.1	-0.0
IV(26)	0.0	-0.0	0.0
IV(27)	-0.1	-0.0	-0.0
IV(28)	0.6	-0.1	0.1
IV(29)	1.0	-0.1	0.1
IV(30)	-0.7	0.1	-0.1
IV(31)	0.5	-0.0	0.0
IV(32)	-0.6	0.0	-0.1
IV(33)	5.6	-0.7	0.6
IV(34)	-5.0	0.5	-0.5
IV(35)	-1.7	0.2	-0.2
IV(36)	0.8	-0.1	0.1
IV(37)	0.1	-0.0	0.0
IV(38)	-6.3	0.6	-0.6
IV(39)	0.2	0.0	-0.0
IV(40)	-1.6	0.2	-0.2
IV(41)	-3.3	0.3	-0.3
IV(42)	0.5	-0.1	0.1
IV(43)	-1.2	-0.0	-0.0
IV(44)	2.8	-0.3	0.3
IV(45)	0.2	-0.0	0.0
IV(46)	1.5	-0.2	0.2
IV(47)	0.7	-0.1	0.1
IV(48)	-0.1	0.0	-0.0
IV(49)	3.0	-0.3	0.3
IV(50)	-1.7	0.2	-0.2
IV(51)	1.5	-0.2	0.1
IV(52)	0.2	-0.0	0.0
IV(53)	-0.1	-0.0	0.0
IV(54)	-0.1	-0.0	0.0
IV(55)	-4.0	0.5	-0.5
IV(56)	-0.2	0.0	-0.0
IV(57)	0.9	-0.1	0.1
IV(58)	-0.0	0.0	-0.0
IV(59)	-2.2	0.2	-0.2
IV(60)	-1.3	0.1	-0.1
IV(61)	0.8	-0.1	0.0
IV(62)	-0.1	0.0	-0.0
IV(63)	0.0	-0.0	0.0

IV(64)	0.1	-0.0	0.0
IV(65)	-0.6	0.1	-0.1
IV(66)	0.3	-0.0	0.0
IV(67)	-0.0	0.0	-0.0
IV(68)	3.1	-0.3	0.3
IV(69)	-0.8	0.1	-0.1
IV(70)	-0.0	0.0	-0.0
IV(71)	0.8	-0.0	0.0
IV(72)	0.3	-0.0	0.0
IV(73)	-0.0	0.0	-0.0
IV(74)	0.8	-0.1	0.1
IV(75)	0.1	-0.0	0.0
IV(76)	0.0	-0.0	0.0
IV(77)	0.0	-0.0	0.0
IV(78)	-0.0	0.0	-0.0
IV(79)	0.1	-0.0	0.0
IV(80)	1.7	-0.2	0.1
IV(81)	-0.1	0.0	-0.0
IV(82)	-0.1	0.0	-0.0
IV(83)	-0.3	0.0	-0.0
IV(84)	0.2	-0.0	0.0
IV(85)	-0.0	0.0	-0.0
IV(86)	-0.4	0.0	0.0
IV(87)	0.1	0.0	-0.0
IV(88)	0.1	0.0	-0.0
IV(89)	0.1	-0.0	-0.0
IV(90)	-0.2	-0.0	0.0
IV(91)	-0.1	0.0	-0.0
IV(92)	0.1	-0.0	0.0
IV(93)	-0.1	0.0	-0.0
IV(94)	-0.3	-0.0	0.0
IV(95)	0.1	0.0	-0.0
IV(96)	-0.5	0.0	0.0
IV(97)	-0.0	-0.0	0.0
IV(98)	0.1	-0.0	0.0
IV(99)	-0.0	0.0	-0.0
IV(100)	-0.2	0.0	-0.0

Merodajna kombinacija za upogib: 1.35xI+1.50xII
Merodajna kombinacija za strig: 1.35xI+1.50xII

Mu =	-6.11 kNm		
Nu =	-592.40 kN		
Tu =	-17.71 kN		
Aa1 =	0.00 cm2	(min:3.00)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:3.00)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.28 cm2/m	(min:±2.50)	(osv:±Q-503)

Prerez 7 - 7
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/80 cm Ab = 2000 cm2

No	N [kN]	T [kN]	M [kNm]
I	-185.6	-28.6	6.7
II	-46.1	-7.0	1.8
III(1)	-0.6	-0.1	0.1
III(2)	0.1	0.0	-0.0
III(3)	-0.0	-0.0	0.0
III(4)	0.0	0.0	-0.0
III(5)	0.1	0.0	-0.0
III(6)	-0.1	-0.0	0.0
III(7)	-0.2	-0.0	-0.0
III(8)	-0.0	-0.0	0.0
III(9)	0.0	0.0	-0.0
III(10)	-0.0	-0.0	0.0
III(11)	0.0	0.0	-0.0
III(12)	-0.0	-0.0	-0.0
III(13)	0.2	0.0	0.0
III(14)	0.0	0.0	-0.0
III(15)	-0.2	-0.0	0.0
III(16)	0.1	0.0	0.0
III(17)	-3.7	-0.2	0.0
III(18)	-1.9	-0.1	0.0
III(19)	-0.0	0.0	-0.0
III(20)	0.0	0.0	-0.0
III(21)	-0.0	-0.0	0.0
III(22)	-0.2	-0.0	0.0
III(23)	-0.1	-0.0	0.0
III(24)	0.8	0.1	-0.1
III(25)	0.6	0.1	-0.0
III(26)	-0.0	-0.0	0.0
III(27)	0.1	0.0	-0.0
III(28)	0.0	0.0	-0.0
III(29)	-12.5	-3.7	4.3
III(30)	1.6	0.2	-0.2

III(31)	1.4	0.4	-0.3
III(32)	8.9	1.3	-1.1
III(33)	-2.7	-2.6	3.1
III(34)	-13.0	-2.4	2.3
III(35)	-16.6	-3.5	3.6
III(36)	-0.4	-0.2	0.2
III(37)	0.3	0.0	0.0
III(38)	-5.5	-0.8	0.7
III(39)	0.1	0.0	-0.0
III(40)	-1.3	-0.3	0.4
III(41)	-3.5	-0.6	0.6
III(42)	0.8	-0.2	0.0
III(43)	1.4	0.1	-0.1
III(44)	-4.3	-0.9	0.9
III(45)	-1.2	-0.1	0.0
III(46)	-4.8	-1.4	1.6
III(47)	0.0	0.0	-0.0
III(48)	-0.2	-0.0	0.0
III(49)	0.7	-0.6	0.7
III(50)	0.4	-0.8	1.2
III(51)	-0.8	0.4	-0.5
III(52)	-0.0	0.1	-0.0
III(53)	-4.2	-0.2	0.2
III(54)	0.9	0.0	-0.1
III(55)	-2.4	-0.3	0.4
III(56)	0.1	0.0	-0.0
III(57)	-0.4	-0.1	0.1
III(58)	-0.3	-0.0	0.0
III(59)	1.2	0.1	-0.2
III(60)	-0.5	-0.1	0.1
III(61)	-0.4	0.0	0.0
III(62)	0.2	0.0	-0.0
III(63)	-0.0	0.0	-0.0
III(64)	-0.3	-0.0	0.0
III(65)	0.0	-0.0	0.0
III(66)	-0.0	-0.0	0.0
III(67)	0.0	-0.0	0.0
III(68)	-0.0	-0.1	0.1
III(69)	0.2	0.1	-0.2
III(70)	0.0	0.0	-0.0
III(71)	0.1	-0.0	-0.0
III(72)	-0.1	0.0	0.0
III(73)	0.0	0.0	-0.0
III(74)	0.3	-0.1	0.1
III(75)	0.1	0.0	-0.0
III(76)	-0.0	0.0	-0.0
III(77)	0.0	0.0	-0.0
III(78)	-0.1	-0.0	0.0

Dimenzioniranje (beton)

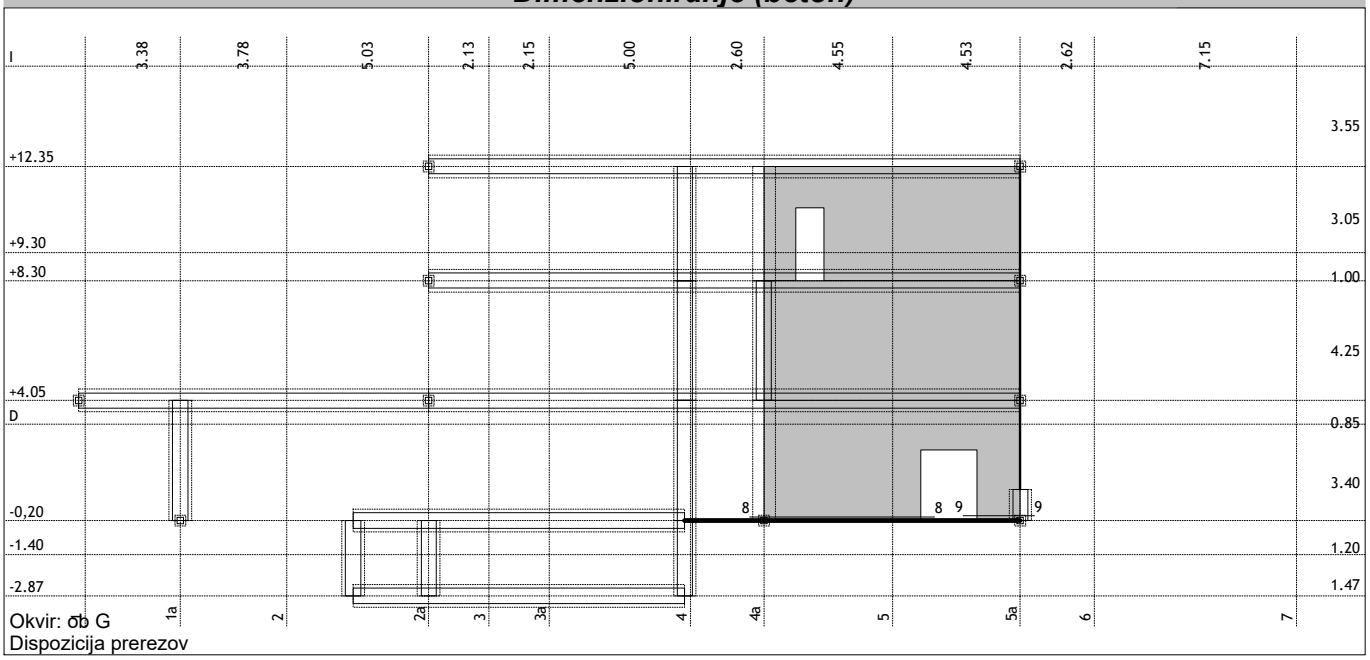
III(79)	-0.3	0.0	-0.0
III(80)	-0.5	-0.0	0.0
III(81)	-0.0	-0.0	0.0
III(82)	-0.0	-0.0	0.0
III(83)	0.0	0.0	-0.0
III(84)	0.4	0.0	-0.0
III(85)	-0.0	-0.0	0.0
III(86)	-0.1	-0.0	0.0
III(87)	-0.0	-0.0	0.0
III(88)	0.0	0.0	-0.0
III(89)	-0.0	-0.0	0.0
III(90)	-0.1	-0.0	0.0
III(91)	-0.0	-0.0	0.0
III(92)	0.0	0.0	-0.0
III(93)	-0.2	-0.0	0.1
III(94)	-0.2	0.0	-0.0
III(95)	0.1	-0.0	0.0
III(96)	0.1	-0.0	0.0
III(97)	-0.1	-0.0	0.0
III(98)	-0.0	-0.0	0.0
III(99)	-0.0	-0.0	0.0
III(100)	-0.0	0.0	-0.0
IV(1)	0.0	0.0	-0.0
IV(2)	-0.0	-0.0	0.0
IV(3)	0.0	0.0	-0.0
IV(4)	0.0	0.0	-0.0
IV(5)	5.2	0.2	-0.2
IV(6)	9.3	0.7	-0.3
IV(7)	3.9	0.2	0.0
IV(8)	-0.0	-0.0	0.0
IV(9)	0.0	0.0	-0.0
IV(10)	-0.1	-0.0	0.0
IV(11)	1.7	0.2	-0.1
IV(12)	0.1	0.0	0.0
IV(13)	9.1	0.2	0.1
IV(14)	3.1	0.2	-0.2
IV(15)	1.4	0.1	-0.1
IV(16)	0.9	0.0	0.0
IV(17)	111.3	5.5	-0.9
IV(18)	2.5	0.1	-0.0
IV(19)	-0.3	0.1	-0.2
IV(20)	0.0	0.0	-0.0
IV(21)	0.1	0.0	-0.0
IV(22)	0.8	0.1	-0.2
IV(23)	4.0	0.6	-0.7
IV(24)	0.4	0.0	-0.0
IV(25)	-1.3	-0.2	0.0
IV(26)	-0.0	-0.0	0.0
IV(27)	0.2	0.0	-0.0
IV(28)	-0.1	-0.1	0.1
IV(29)	-0.5	-0.1	0.2
IV(30)	1.0	0.1	-0.1
IV(31)	-0.3	-0.1	0.1
IV(32)	0.9	0.1	-0.1
IV(33)	-0.7	-0.6	0.8
IV(34)	4.8	0.9	-0.9
IV(35)	1.3	0.3	-0.3
IV(36)	-0.2	-0.1	0.1
IV(37)	0.3	0.0	0.0
IV(38)	8.6	1.3	-1.2
IV(39)	-0.1	-0.1	0.0
IV(40)	0.8	0.2	-0.2
IV(41)	2.8	0.5	-0.5
IV(42)	1.1	-0.2	0.1
IV(43)	3.9	0.2	-0.2
IV(44)	-2.0	-0.4	0.4
IV(45)	1.5	0.1	-0.0

IV(46)	-0.7	-0.2	0.2
IV(47)	-0.1	-0.1	0.1
IV(48)	0.1	0.0	-0.0
IV(49)	0.4	-0.3	0.4
IV(50)	-0.1	0.2	-0.2
IV(51)	0.3	-0.1	0.2
IV(52)	0.0	-0.0	0.0
IV(53)	1.1	0.1	-0.0
IV(54)	-0.3	-0.0	0.0
IV(55)	4.8	0.6	-0.8
IV(56)	0.1	0.0	-0.0
IV(57)	-1.5	-0.2	0.2
IV(58)	0.1	0.0	-0.0
IV(59)	2.7	0.3	-0.4
IV(60)	1.5	0.2	-0.2
IV(61)	4.4	-0.0	-0.2
IV(62)	0.2	0.0	-0.0
IV(63)	0.4	-0.0	0.0
IV(64)	-0.1	-0.0	0.0
IV(65)	-0.2	0.1	-0.1
IV(66)	-0.2	-0.0	0.0
IV(67)	-0.0	0.0	-0.0
IV(68)	-0.0	-0.3	0.4
IV(69)	0.1	0.1	-0.1
IV(70)	0.0	0.0	-0.0
IV(71)	0.7	-0.0	-0.0
IV(72)	0.3	-0.0	-0.0
IV(73)	0.0	0.0	-0.0
IV(74)	0.4	-0.1	0.1
IV(75)	-0.1	-0.0	0.0
IV(76)	0.0	-0.0	0.0
IV(77)	-0.0	-0.0	0.0
IV(78)	0.0	0.0	-0.0
IV(79)	0.1	-0.0	0.0
IV(80)	7.8	0.2	-0.3
IV(81)	0.0	0.0	-0.0
IV(82)	0.3	0.0	-0.0
IV(83)	0.5	0.0	-0.0
IV(84)	-0.2	-0.0	0.0
IV(85)	0.0	0.0	-0.0
IV(86)	-0.4	-0.0	0.0
IV(87)	0.1	0.0	-0.0
IV(88)	-0.4	-0.0	0.0
IV(89)	0.2	0.0	-0.0
IV(90)	-0.7	-0.1	0.1
IV(91)	-0.0	-0.0	0.0
IV(92)	-0.1	-0.0	0.0
IV(93)	0.2	0.0	-0.0
IV(94)	0.2	-0.0	0.0
IV(95)	-0.1	0.0	-0.0
IV(96)	0.0	-0.0	0.0
IV(97)	-0.1	-0.0	0.0
IV(98)	-0.1	-0.0	0.0
IV(99)	0.0	0.0	-0.0
IV(100)	-0.1	0.0	-0.0

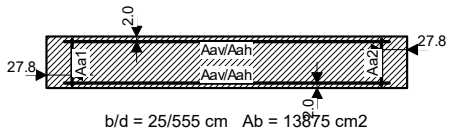
Merodajna kombinacija za upogib: 1.35xI+1.50xII
Merodajna kombinacija za strig: 1.35xI+1.50xII
Mu = 11.70 kNm
Nu = -319.72 kN
Tu = -49.02 kN

Aa1 =	0.00 cm2	(min:3.00)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:3.00)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.78 cm2/m	(min:±2.50)	(osv:±Q-503)

Dimenzioniranje (beton)



Prerez 8 - 8
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/555 cm Ab = 13875 cm2

No	N [kN]	T [kN]	M [kNm]
I	-1408.6	76.9	187.2
II	-321.6	17.2	35.4
III(1)	0.7	-0.5	2.3
III(2)	-0.1	-0.0	-0.1
III(3)	0.0	-0.0	0.0
III(4)	-0.0	-0.0	-0.0
III(5)	-0.3	0.0	-0.5
III(6)	0.1	0.0	0.1
III(7)	0.8	0.1	0.6
III(8)	-0.3	-0.3	0.4
III(9)	-0.0	-0.0	-0.1
III(10)	0.0	-0.0	0.1
III(11)	-0.0	-0.0	-0.0
III(12)	0.0	0.0	0.0
III(13)	-0.6	-0.2	-0.4
III(14)	-0.0	-0.0	-0.0
III(15)	0.3	0.0	0.3
III(16)	-0.2	-0.1	-0.2
III(17)	9.8	1.8	7.3
III(18)	5.2	1.1	3.5
III(19)	0.7	0.1	0.5
III(20)	0.0	0.0	0.0
III(21)	-0.1	-0.1	0.1
III(22)	-0.4	-0.4	0.8
III(23)	-0.0	-0.0	0.1
III(24)	0.2	-0.6	1.9
III(25)	-1.5	-0.4	1.0
III(26)	0.0	-0.1	0.3
III(27)	0.1	-0.1	0.4
III(28)	0.1	0.2	-0.6
III(29)	1.6	-57.3	169.9
III(30)	-1.3	0.6	-3.3
III(31)	0.8	0.3	2.1
III(32)	-3.3	-0.7	1.1
III(33)	-9.6	-45.5	113.5
III(34)	8.2	-19.9	65.7
III(35)	5.8	-33.5	101.3
III(36)	-0.4	-3.1	8.5
III(37)	-0.4	-0.5	0.9
III(38)	3.9	-3.4	13.7
III(39)	0.0	-0.3	1.3
III(40)	0.5	-4.5	13.7
III(41)	1.2	-1.3	1.9
III(42)	2.0	-1.0	-0.3
III(43)	-0.3	-1.1	1.1
III(44)	2.0	-6.5	20.7
III(45)	1.7	0.9	-0.7
III(46)	3.1	-19.1	57.3
III(47)	-0.0	0.4	-0.8
III(48)	0.2	-0.2	1.1
III(49)	-4.4	-7.3	13.0
III(50)	-7.8	-17.1	40.5
III(51)	4.5	4.5	-4.9
III(52)	0.3	-0.3	2.1
III(53)	8.0	-1.1	15.4
III(54)	-2.1	2.0	-9.4
III(55)	2.7	-5.0	20.9
III(56)	-0.0	0.4	-1.3
III(57)	1.1	-1.2	5.0
III(58)	-0.1	-0.7	2.4
III(59)	-0.9	1.6	-7.3
III(60)	0.4	-0.7	3.2
III(61)	-0.0	-0.2	1.4
III(62)	-0.0	0.1	-0.7
III(63)	-0.0	-0.1	0.2
III(64)	-0.2	-0.8	3.0
III(65)	0.0	-0.1	0.4
III(66)	-0.1	-0.0	0.1
III(67)	0.0	-0.1	0.3
III(68)	0.1	-0.8	2.4
III(69)	-0.4	1.9	-6.2
III(70)	0.0	0.0	-0.1
III(71)	-0.1	-0.1	0.1
III(72)	-0.0	0.2	-0.4
III(73)	-0.0	0.0	-0.0
III(74)	-0.5	-1.1	1.6
III(75)	-0.0	0.1	-0.5
III(76)	0.0	0.0	0.0
III(77)	-0.0	0.0	-0.1
III(78)	0.1	-0.1	0.3
III(79)	-0.5	0.7	-1.7
III(80)	0.4	-0.0	1.2
III(81)	0.1	-0.1	0.3
III(82)	0.0	-0.1	0.3
III(83)	-0.0	0.0	-0.0
III(84)	1.1	-0.5	1.7
III(85)	0.0	-0.0	0.0
III(86)	0.1	-0.1	0.5
III(87)	-0.1	0.6	-2.4
III(88)	0.0	-0.0	0.0
III(89)	0.0	0.0	0.0
III(90)	0.0	0.0	0.2
III(91)	-0.0	0.0	-0.1
III(92)	0.0	0.0	-0.1
III(93)	0.0	-0.2	0.6
III(94)	0.4	0.4	-0.3
III(95)	-0.3	-0.3	0.3
III(96)	-0.2	-0.4	-0.5
III(97)	0.2	-0.0	-0.1
III(98)	0.1	-0.0	0.0
III(99)	-0.0	-0.0	0.0
III(100)	0.0	0.0	0.0
IV(1)	-0.0	0.0	-0.0
IV(2)	0.0	0.0	0.0
IV(3)	-0.0	0.0	-0.0
IV(4)	-0.0	-0.0	-0.0
IV(5)	-11.6	1.0	-17.9
IV(6)	-18.7	-3.0	-14.4
IV(7)	-13.2	-2.3	-9.3
IV(8)	-0.0	-0.0	0.0
IV(9)	-0.0	-0.0	-0.0
IV(10)	0.4	-0.0	0.6
IV(11)	-2.2	-0.1	-2.3
IV(12)	-0.2	-0.0	-0.2
IV(13)	-24.4	-7.6	-15.4
IV(14)	-3.9	-1.1	-1.4

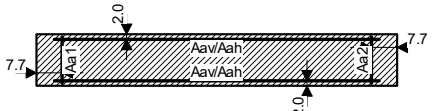
Dimenzioniranje (beton)

IV(15)	-2.4	-0.3	-2.2
IV(16)	-2.5	-0.6	-1.9
IV(17)	-292.7	-53.8	-216.6
IV(18)	-6.7	-1.4	-4.5
IV(19)	5.6	1.1	3.6
IV(20)	0.0	0.0	0.0
IV(21)	0.3	0.2	-0.2
IV(22)	1.7	1.7	-3.4
IV(23)	2.7	2.6	-4.3
IV(24)	0.1	-0.3	1.0
IV(25)	3.4	0.9	-2.2
IV(26)	0.0	-0.0	0.1
IV(27)	0.2	-0.3	1.0
IV(28)	-0.4	-0.9	2.2
IV(29)	0.1	-2.2	6.5
IV(30)	-0.8	0.4	-2.1
IV(31)	-0.2	-0.1	-0.5
IV(32)	-0.3	-0.1	0.1
IV(33)	-2.4	-11.4	28.4
IV(34)	-3.0	7.3	-24.2
IV(35)	-0.4	2.5	-7.6
IV(36)	-0.2	-1.6	4.5
IV(37)	-0.5	-0.5	1.1
IV(38)	-6.1	5.3	-21.5
IV(39)	-0.1	0.9	-3.8
IV(40)	-0.3	2.9	-8.8
IV(41)	-1.0	1.1	-1.5
IV(42)	2.8	-1.4	-0.4
IV(43)	-1.0	-3.1	3.2
IV(44)	0.9	-3.0	9.6
IV(45)	-2.1	-1.1	0.9
IV(46)	0.4	-2.7	8.2
IV(47)	0.1	-1.2	2.7
IV(48)	-0.0	0.1	-0.3
IV(49)	-2.4	-4.0	7.1
IV(50)	1.4	3.2	-7.5
IV(51)	-1.6	-1.6	1.7
IV(52)	-0.1	0.1	-0.6
IV(53)	-2.0	0.3	-3.9
IV(54)	0.7	-0.6	2.9
IV(55)	-5.4	9.9	-41.5
IV(56)	-0.0	0.3	-1.2
IV(57)	3.8	-4.0	16.5
IV(58)	0.0	0.2	-0.9
IV(59)	-2.0	3.7	-16.8
IV(60)	-1.1	2.3	-10.0
IV(61)	0.2	2.7	-16.4
IV(62)	-0.0	0.1	-0.6
IV(63)	0.5	0.6	-2.9
IV(64)	-0.1	-0.4	1.5
IV(65)	-0.5	1.2	-3.8
IV(66)	-0.5	-0.4	0.9
IV(67)	-0.0	0.0	-0.0
IV(68)	0.4	-4.8	14.7
IV(69)	-0.3	1.2	-4.0
IV(70)	0.0	0.0	-0.1
IV(71)	-0.6	-0.9	1.0
IV(72)	0.0	-0.4	1.0
IV(73)	-0.0	0.0	-0.0
IV(74)	-0.6	-1.3	2.0
IV(75)	0.0	-0.1	0.5
IV(76)	-0.0	-0.0	-0.0
IV(77)	0.0	-0.0	0.1
IV(78)	-0.0	0.0	-0.1
IV(79)	0.3	-0.3	0.8
IV(80)	-5.4	0.3	-17.2
IV(81)	-1.3	0.8	-4.2
IV(82)	-0.3	0.4	-2.1
IV(83)	-0.4	0.5	-2.6
IV(84)	-0.6	0.3	-0.9
IV(85)	-0.0	0.0	-0.0
IV(86)	0.5	-0.3	2.0
IV(87)	0.5	-2.2	8.2
IV(88)	-0.5	0.2	-0.6
IV(89)	-0.1	-0.1	-0.1
IV(90)	0.1	0.0	0.8
IV(91)	-0.1	0.0	-0.2
IV(92)	-0.0	-0.1	0.4
IV(93)	-0.0	0.1	-0.4
IV(94)	-0.4	-0.4	0.3
IV(95)	0.2	0.2	-0.2
IV(96)	-0.1	-0.2	-0.3
IV(97)	0.3	-0.1	-0.2
IV(98)	0.1	-0.0	0.1
IV(99)	0.0	0.0	-0.0
IV(100)	0.3	0.1	0.2

Merodajna kombinacija za upogib:
1.35xI+1.50xII
Merodajna kombinacija za strig:
I+0.30xII+0.30xIII(17)-1.00xIV(17)

Mu =	305.79 kNm		
Nu =	-2383.91 kN		
Tu =	136.42 kN		
Aa1 =	0.00 cm2	(min:20.81)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:20.81)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.31 cm2/m	(min:±2.50)	(osv:±Q-335)

Prerez 9 - 9
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/153 cm Ab = 3825 cm2

No	N [kN]	T [kN]	M [kNm]
I	-352.4	-46.5	-21.3
II	-71.0	-11.6	-3.9
III(1)	-0.2	-0.2	0.1
III(2)	-0.0	-0.0	0.0
III(3)	-0.0	-0.0	0.0
III(4)	-0.0	-0.0	0.0
III(5)	-0.0	0.0	-0.0
III(6)	-0.0	0.0	-0.0
III(7)	-0.0	0.0	-0.0
III(8)	-0.1	-0.1	0.0
III(9)	0.0	-0.0	0.0
III(10)	-0.0	-0.0	0.0
III(11)	0.0	0.0	-0.0
III(12)	-0.0	0.0	-0.0
III(13)	-0.0	-0.0	0.0
III(14)	-0.0	-0.0	0.0
III(15)	0.0	0.0	-0.0
III(16)	-0.0	-0.0	0.0
III(17)	0.1	0.3	-0.1
III(18)	0.1	0.2	-0.1
III(19)	-0.0	0.0	-0.0
III(20)	0.0	0.0	-0.0
III(21)	-0.0	-0.0	0.0
III(22)	-0.1	-0.1	0.1
III(23)	-0.0	-0.0	0.0
III(24)	-0.3	-0.2	0.1
III(25)	-0.2	-0.2	0.0
III(26)	-0.0	-0.0	0.0
III(27)	0.0	-0.0	0.0
III(28)	0.2	0.1	-0.0
III(29)	-27.1	-18.4	6.2
III(30)	0.5	0.2	-0.1
III(31)	0.2	-0.0	0.0
III(32)	-0.6	-0.3	0.1
III(33)	-22.8	-14.1	4.5
III(34)	-9.4	-6.4	2.2
III(35)	-16.1	-10.7	3.6
III(36)	-1.6	-1.0	0.3
III(37)	-0.3	-0.1	0.0
III(38)	-1.3	-1.1	0.4
III(39)	-0.2	-0.1	0.0
III(40)	-2.3	-1.5	0.5
III(41)	-0.4	-0.2	0.1
III(42)	-0.9	-0.2	-0.0
III(43)	-0.5	-0.3	0.1
III(44)	-3.2	-2.1	0.7
III(45)	0.9	0.3	-0.0
III(46)	-9.6	-6.1	2.0
III(47)	0.2	0.1	-0.0
III(48)	-0.2	-0.1	0.0
III(49)	-4.2	-2.0	0.5
III(50)	-9.2	-5.3	1.6
III(51)	2.3	1.2	-0.3
III(52)	-0.2	-0.2	0.1
III(53)	-0.1	-0.7	0.4
III(54)	1.0	0.8	-0.3
III(55)	-2.7	-1.8	0.6
III(56)	0.2	0.1	-0.0
III(57)	-0.8	-0.4	0.1
III(58)	-0.3	-0.2	0.1
III(59)	0.8	0.6	-0.2
III(60)	-0.4	-0.3	0.1
III(61)	0.0	-0.1	0.1
III(62)	0.0	0.0	-0.0
III(63)	0.0	-0.0	0.0
III(64)	-0.2	-0.3	0.1
III(65)	-0.1	-0.0	0.0
III(66)	-0.0	-0.0	0.0
III(67)	-0.1	-0.0	0.0
III(68)	-0.5	-0.3	0.1
III(69)	1.5	0.7	-0.2
III(70)	0.0	0.0	-0.0
III(71)	-0.0	-0.0	0.0
III(72)	0.1	0.1	-0.0
III(73)	0.0	0.0	-0.0
III(74)	-0.5	-0.3	0.1
III(75)	0.1	0.1	-0.0
III(76)	0.0	0.0	0.0

Dimenzioniranje (beton)

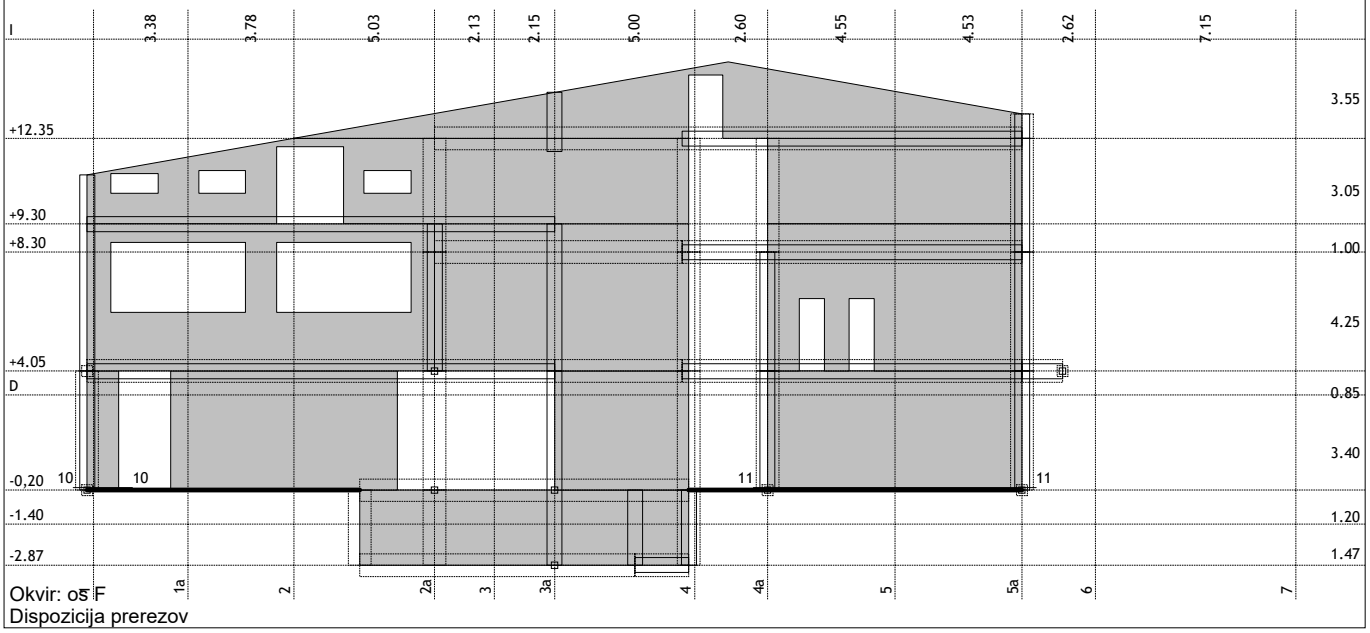
III(77)	0.0	0.0	-0.0
III(78)	-0.0	-0.0	0.0
III(79)	-0.0	0.2	-0.1
III(80)	-0.1	-0.1	0.0
III(81)	-0.0	-0.0	0.0
III(82)	-0.0	-0.0	0.0
III(83)	0.0	0.0	-0.0
III(84)	0.6	-0.1	0.1
III(85)	-0.0	-0.0	0.0
III(86)	0.0	-0.0	0.0
III(87)	0.2	0.2	-0.1
III(88)	0.0	-0.0	0.0
III(89)	0.0	0.0	-0.0
III(90)	0.0	0.0	0.0
III(91)	-0.0	0.0	-0.0
III(92)	-0.0	0.0	-0.0
III(93)	0.3	-0.0	0.1
III(94)	-0.1	0.1	-0.0
III(95)	0.1	-0.1	0.0
III(96)	0.5	-0.0	0.1
III(97)	0.0	0.0	0.0
III(98)	0.0	-0.0	0.0
III(99)	0.0	-0.0	0.0
III(100)	-0.0	0.0	-0.0
IV(1)	0.0	0.0	-0.0
IV(2)	0.0	0.0	-0.0
IV(3)	0.0	0.0	-0.0
IV(4)	-0.0	-0.0	0.0
IV(5)	-0.3	0.7	-0.5
IV(6)	0.1	-0.5	0.2
IV(7)	0.4	-0.4	0.2
IV(8)	-0.0	-0.0	0.0
IV(9)	0.0	-0.0	0.0
IV(10)	-0.1	-0.0	0.0
IV(11)	0.0	0.0	-0.0
IV(12)	0.0	-0.0	0.0
IV(13)	-1.5	-1.4	0.5
IV(14)	-0.8	-0.3	0.0
IV(15)	-0.0	-0.0	0.0
IV(16)	-0.0	-0.1	0.0
IV(17)	-2.6	-9.3	3.7
IV(18)	-0.1	-0.3	0.1
IV(19)	-0.2	0.2	-0.1
IV(20)	0.0	0.0	-0.0
IV(21)	0.0	0.0	-0.0
IV(22)	0.3	0.6	-0.2
IV(23)	0.7	0.7	-0.3
IV(24)	-0.2	-0.1	0.0
IV(25)	0.5	0.4	-0.1
IV(26)	-0.0	-0.0	0.0
IV(27)	0.0	-0.1	0.1
IV(28)	-0.6	-0.3	0.1
IV(29)	-1.0	-0.7	0.2
IV(30)	0.3	0.1	-0.0
IV(31)	-0.1	0.0	-0.0
IV(32)	-0.1	-0.0	0.0
IV(33)	-5.7	-3.5	1.1
IV(34)	3.5	2.4	-0.8
IV(35)	1.2	0.8	-0.3
IV(36)	-0.8	-0.5	0.2
IV(37)	-0.3	-0.2	0.0
IV(38)	2.1	1.7	-0.7
IV(39)	0.5	0.3	-0.1
IV(40)	1.5	0.9	-0.3
IV(41)	0.3	0.2	-0.1
IV(42)	-1.3	-0.2	-0.0
IV(43)	-1.6	-0.8	0.2
IV(44)	-1.5	-0.9	0.3

IV(45)	-1.1	-0.3	0.0
IV(46)	-1.4	-0.9	0.3
IV(47)	-0.5	-0.4	0.1
IV(48)	0.0	0.0	-0.0
IV(49)	-2.3	-1.1	0.3
IV(50)	1.7	1.0	-0.3
IV(51)	-0.8	-0.4	0.1
IV(52)	0.1	0.0	-0.0
IV(53)	0.0	0.2	-0.1
IV(54)	-0.3	-0.2	0.1
IV(55)	5.4	3.6	-1.2
IV(56)	0.2	0.1	-0.0
IV(57)	-2.5	-1.4	0.4
IV(58)	0.1	0.1	-0.0
IV(59)	1.8	1.4	-0.5
IV(60)	1.1	0.8	-0.3
IV(61)	-0.2	1.2	-0.6
IV(62)	0.0	0.0	-0.0
IV(63)	-0.0	0.2	-0.1
IV(64)	-0.1	-0.1	0.1
IV(65)	1.2	0.4	-0.1
IV(66)	-0.1	-0.1	0.1
IV(67)	0.0	0.0	-0.0
IV(68)	-3.0	-1.6	0.4
IV(69)	0.9	0.4	-0.1
IV(70)	0.0	0.0	-0.0
IV(71)	-0.2	-0.2	0.1
IV(72)	-0.1	-0.1	0.1
IV(73)	0.0	0.0	-0.0
IV(74)	-0.6	-0.3	0.1
IV(75)	-0.1	-0.0	0.0
IV(76)	-0.0	-0.0	-0.0
IV(77)	-0.0	-0.0	0.0
IV(78)	0.0	0.0	-0.0
IV(79)	0.0	-0.1	0.0
IV(80)	1.3	0.8	-0.2
IV(81)	0.2	0.3	-0.1
IV(82)	0.2	0.2	-0.1
IV(83)	0.3	0.2	-0.1
IV(84)	-0.3	0.1	-0.1
IV(85)	0.0	0.0	-0.0
IV(86)	0.1	-0.1	0.1
IV(87)	-0.7	-0.7	0.3
IV(88)	-0.4	0.0	-0.1
IV(89)	-0.1	-0.0	0.0
IV(90)	0.2	0.0	0.0
IV(91)	-0.1	0.0	-0.0
IV(92)	0.1	-0.0	0.0
IV(93)	-0.2	0.0	-0.0
IV(94)	0.1	-0.1	0.1
IV(95)	-0.0	0.0	-0.0
IV(96)	0.2	-0.0	0.0
IV(97)	0.1	0.0	0.0
IV(98)	0.0	-0.0	0.0
IV(99)	-0.0	0.0	-0.0
IV(100)	-0.2	0.0	-0.0

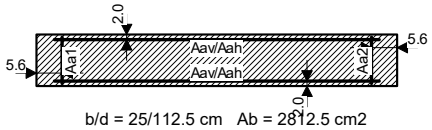
Merodajna kombinacija za upogib: 1.35xI+1.50xII
Merodajna kombinacija za strig: 1.35xI+1.50xII
Mu = -34.61 kNm
Nu = -582.19 kN
Tu = -80.25 kN

Aa1 =	0.00 cm2	(min:5.74)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:5.74)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.66 cm2/m	(min:±2.50)	(osv:±Q-335)

Dimenzioniranje (beton)



Prerez 10 - 10
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/112.5 cm Ab = 2812.5 cm2

No	N [kN]	T [kN]	M [kNm]
I	-93.4	8.0	-5.8
II	-21.5	3.9	-2.2
III(1)	4.2	0.2	0.1
III(2)	-0.7	-0.0	0.0
III(3)	0.0	0.0	-0.0
III(4)	-0.0	-0.0	0.0
III(5)	0.0	-0.0	0.0
III(6)	-0.0	0.0	-0.0
III(7)	0.1	-0.0	0.0
III(8)	0.6	0.0	0.0
III(9)	-0.1	-0.0	-0.0
III(10)	0.0	-0.0	0.0
III(11)	0.0	0.0	0.0
III(12)	-0.0	-0.0	0.0
III(13)	0.0	0.0	-0.0
III(14)	0.0	-0.0	0.0
III(15)	-0.6	-0.0	-0.0
III(16)	0.0	0.0	-0.0
III(17)	-0.8	-0.1	0.1
III(18)	-0.7	-0.1	0.0
III(19)	1.7	0.0	0.0
III(20)	0.1	0.0	0.0
III(21)	-0.2	0.0	-0.0
III(22)	0.4	0.1	-0.1
III(23)	-0.3	-0.0	-0.0
III(24)	5.3	-0.2	0.6
III(25)	-0.9	-0.3	0.3
III(26)	0.2	-0.0	0.0
III(27)	-0.2	-0.1	0.1
III(28)	0.1	0.0	-0.0
III(29)	-5.0	-8.0	11.3
III(30)	-0.5	-0.2	0.3
III(31)	1.8	-0.9	1.6
III(32)	6.9	-2.8	4.7
III(33)	12.4	-6.5	10.5
III(34)	-2.7	-1.6	2.1
III(35)	6.1	-2.4	3.8
III(36)	-0.3	-0.4	0.6
III(37)	-0.4	-0.1	0.1
III(38)	-0.2	0.2	-0.4
III(39)	-1.3	-0.1	0.1
III(40)	-3.6	-0.5	0.5
III(41)	-6.3	0.1	-0.4
III(42)	0.2	-0.4	0.6
III(43)	2.6	-1.0	1.7
III(44)	-0.8	-0.8	1.0
III(45)	-0.1	0.1	-0.2
III(46)	-4.4	-2.6	3.5
III(47)	-0.2	0.0	-0.0
III(48)	1.5	0.1	-0.1
III(49)	-6.5	-1.2	1.3
III(50)	-14.6	-2.5	2.7
III(51)	-2.9	-0.0	-0.1
III(52)	-4.9	-0.4	0.4
III(53)	13.0	0.2	0.5
III(54)	5.1	0.7	-0.7
III(55)	-3.5	-0.9	1.2
III(56)	0.1	0.1	-0.1
III(57)	-1.1	-0.4	0.5
III(58)	-4.9	-0.4	0.4
III(59)	-0.8	0.1	-0.2
III(60)	-0.0	-0.1	0.1
III(61)	-0.0	-0.0	0.0
III(62)	0.1	0.0	-0.0
III(63)	-0.1	-0.0	0.0
III(64)	2.0	0.2	-0.2
III(65)	-0.4	-0.1	0.1
III(66)	-0.1	0.0	-0.0
III(67)	0.1	-0.0	0.0
III(68)	0.4	-0.0	0.1
III(69)	-0.9	0.1	-0.2
III(70)	0.1	0.0	-0.0
III(71)	1.1	0.1	-0.2
III(72)	-1.1	-0.1	0.2
III(73)	0.0	0.0	-0.0
III(74)	-1.4	-0.3	0.3
III(75)	0.1	-0.0	0.1
III(76)	0.0	-0.0	0.0
III(77)	0.0	-0.0	0.0
III(78)	0.0	-0.0	0.0
III(79)	0.6	0.0	-0.0
III(80)	0.5	-0.0	0.1
III(81)	-0.1	-0.0	0.0
III(82)	0.1	0.0	-0.0
III(83)	-0.0	-0.0	0.0
III(84)	-1.8	-0.3	0.4
III(85)	-0.0	-0.0	0.0
III(86)	-0.4	-0.1	0.2
III(87)	-0.4	-0.2	0.2
III(88)	-0.2	-0.0	0.0
III(89)	-0.1	-0.0	0.0
III(90)	0.3	-0.0	0.0
III(91)	0.4	0.0	-0.0
III(92)	0.0	0.0	-0.0
III(93)	0.2	-0.1	0.1
III(94)	0.3	0.0	-0.0
III(95)	-0.6	0.0	-0.1
III(96)	-1.4	-0.3	0.4
III(97)	-0.3	-0.1	0.1
III(98)	-0.0	0.0	-0.0
III(99)	-0.0	0.0	-0.0
III(100)	-0.0	-0.0	0.0
IV(1)	-0.0	-0.0	-0.0
IV(2)	0.0	0.0	-0.0
IV(3)	-0.0	-0.0	0.0
IV(4)	-0.0	-0.0	0.0
IV(5)	0.4	-0.1	0.1
IV(6)	6.3	-0.1	0.6
IV(7)	-0.8	0.2	-0.4
IV(8)	0.0	0.0	0.0
IV(9)	-0.0	-0.0	-0.0
IV(10)	0.2	-0.0	0.0
IV(11)	2.6	0.0	0.1
IV(12)	0.1	0.0	-0.0
IV(13)	0.8	0.1	-0.1
IV(14)	2.1	-0.3	0.6

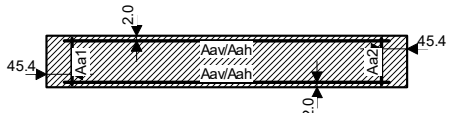
Dimenzioniranje (beton)

IV(15)	4.6	0.1	0.1
IV(16)	0.1	0.1	-0.1
IV(17)	23.3	3.0	-3.0
IV(18)	0.9	0.1	-0.1
IV(19)	13.4	0.2	0.3
IV(20)	0.0	0.0	0.0
IV(21)	0.6	-0.0	0.0
IV(22)	-2.0	-0.4	0.4
IV(23)	24.2	0.0	1.3
IV(24)	2.9	-0.1	0.3
IV(25)	2.0	0.6	-0.7
IV(26)	0.1	-0.0	0.0
IV(27)	-0.4	-0.1	0.2
IV(28)	-0.2	-0.0	0.1
IV(29)	-0.2	-0.3	0.4
IV(30)	-0.3	-0.1	0.2
IV(31)	-0.4	0.2	-0.4
IV(32)	0.7	-0.3	0.5
IV(33)	3.1	-1.6	2.6
IV(34)	1.0	0.6	-0.8
IV(35)	-0.5	0.2	-0.3
IV(36)	-0.2	-0.2	0.3
IV(37)	-0.5	-0.1	0.1
IV(38)	0.3	-0.4	0.6
IV(39)	3.8	0.3	-0.3
IV(40)	2.3	0.3	-0.3
IV(41)	5.0	-0.0	0.3
IV(42)	0.3	-0.6	0.8
IV(43)	7.3	-2.9	4.9
IV(44)	-0.4	-0.4	0.5
IV(45)	0.1	-0.2	0.2
IV(46)	-0.6	-0.4	0.5
IV(47)	0.7	-0.1	0.1
IV(48)	-0.4	-0.0	0.0
IV(49)	-3.5	-0.6	0.7
IV(50)	2.7	0.5	-0.5
IV(51)	1.0	0.0	0.0
IV(52)	1.3	0.1	-0.1
IV(53)	-3.3	-0.0	-0.1
IV(54)	-1.6	-0.2	0.2
IV(55)	6.9	1.9	-2.3
IV(56)	0.1	0.1	-0.1
IV(57)	-3.5	-1.2	1.5
IV(58)	1.7	0.1	-0.1
IV(59)	-1.9	0.3	-0.5
IV(60)	0.0	0.2	-0.3
IV(61)	0.3	0.2	-0.2
IV(62)	0.1	0.0	-0.0
IV(63)	1.0	0.1	-0.1
IV(64)	1.0	0.1	-0.1
IV(65)	4.4	0.6	-0.7
IV(66)	-1.1	0.0	-0.1
IV(67)	-0.0	0.0	-0.0
IV(68)	2.3	-0.2	0.4
IV(69)	-0.6	0.1	-0.1
IV(70)	0.1	0.0	-0.0
IV(71)	8.1	1.1	-1.3
IV(72)	2.7	0.4	-0.5
IV(73)	0.0	0.0	-0.0
IV(74)	-1.7	-0.3	0.4
IV(75)	-0.1	0.0	-0.0
IV(76)	-0.0	0.0	-0.0
IV(77)	-0.0	0.0	-0.0
IV(78)	-0.0	0.0	-0.0
IV(79)	-0.3	-0.0	0.0
IV(80)	-6.8	0.4	-0.9
IV(81)	1.5	0.2	-0.3
IV(82)	-0.4	-0.1	0.2
IV(83)	-1.1	-0.3	0.4
IV(84)	1.0	0.2	-0.2
IV(85)	0.0	0.0	-0.0
IV(86)	-1.7	-0.5	0.6
IV(87)	1.4	0.5	-0.8
IV(88)	3.3	0.4	-0.5
IV(89)	0.5	0.1	-0.1
IV(90)	1.5	-0.1	0.2
IV(91)	1.0	0.1	-0.1
IV(92)	-0.1	-0.0	0.0
IV(93)	-0.1	0.0	-0.1
IV(94)	-0.3	-0.0	0.0
IV(95)	0.4	-0.0	0.1
IV(96)	-0.8	-0.2	0.2
IV(97)	-0.7	-0.2	0.2
IV(98)	-0.0	0.0	-0.0
IV(99)	0.0	-0.0	0.0
IV(100)	-0.1	-0.1	0.1

Merodajna kombinacija za upogib: 1.35xI+1.50xII
Merodajna kombinacija za strig: 1.35xI+1.50xII

Mu =	-11.12 kNm		
Nu =	-158.29 kN		
Tu =	16.70 kN		
Aa1 =	0.00 cm2	(min:4.22)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:4.22)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.19 cm2/m	(min:±2.50)	(osv:±Q-335)

Prerez 11 - 11
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/908 cm Ab = 22700 cm2

No	N [kN]	T [kN]	M [kNm]
I	-1769.3	7.0	32.9
II	-376.1	-4.8	-62.9
III(1)	0.3	-1.2	5.7
III(2)	-0.1	-0.1	0.4
III(3)	0.0	-0.0	0.0
III(4)	0.0	-0.0	-0.0
III(5)	-0.1	0.3	-0.8
III(6)	0.0	0.0	0.2
III(7)	0.2	-0.1	2.4
III(8)	0.0	-0.5	0.7
III(9)	-0.0	0.0	-0.1
III(10)	0.0	-0.0	0.2
III(11)	-0.0	-0.0	-0.0
III(12)	0.0	-0.0	0.0
III(13)	0.1	-0.0	-1.2
III(14)	-0.0	-0.0	0.1
III(15)	0.1	0.1	0.2
III(16)	0.0	0.0	-0.7
III(17)	2.3	-0.6	21.0
III(18)	1.2	-0.1	10.2
III(19)	0.2	-0.5	3.7
III(20)	0.0	-0.0	0.2
III(21)	0.0	0.1	-0.6
III(22)	-0.0	-0.5	-0.7
III(23)	0.0	0.1	-0.5
III(24)	-0.0	-4.3	16.5
III(25)	-2.7	-1.9	8.2
III(26)	0.1	-0.3	0.9
III(27)	0.1	-0.6	1.3
III(28)	-0.2	0.2	-1.0
III(29)	30.7	-110.3	398.9
III(30)	-1.5	-1.4	1.9
III(31)	-3.4	-10.6	37.3
III(32)	-6.6	-34.3	120.2
III(33)	27.9	-93.9	334.5
III(34)	15.7	-29.3	106.8
III(35)	23.0	-46.0	164.5
III(36)	1.6	-5.9	21.3
III(37)	0.0	-1.1	3.9
III(38)	3.9	0.4	1.3
III(39)	-0.2	-1.4	5.5
III(40)	3.0	-7.6	30.6
III(41)	1.5	-0.2	-4.8
III(42)	8.5	-2.2	13.0
III(43)	2.1	-4.0	12.8
III(44)	3.2	-6.0	26.4
III(45)	-0.4	2.0	-11.2
III(46)	11.1	-38.3	141.7
III(47)	-0.5	0.5	-1.7
III(48)	-0.1	-0.2	1.8
III(49)	2.6	-4.0	30.0
III(50)	2.2	-25.0	99.5
III(51)	0.1	-2.9	4.1
III(52)	0.2	-3.7	12.1
III(53)	1.9	-6.0	18.0
III(54)	-2.0	8.7	-29.0
III(55)	0.9	-11.2	45.5
III(56)	0.1	0.6	-2.3
III(57)	1.8	-3.6	15.5
III(58)	-0.2	-1.7	5.6
III(59)	0.8	1.6	-6.7
III(60)	-0.3	-0.9	3.3
III(61)	-1.0	-0.9	0.5
III(62)	0.3	0.0	0.0
III(63)	-0.2	-0.2	0.3
III(64)	-1.3	-2.6	4.8
III(65)	0.3	-0.1	1.6
III(66)	-0.1	-0.0	-0.1
III(67)	0.1	-0.1	0.8
III(68)	0.5	-0.7	5.2
III(69)	-2.0	2.0	-16.4
III(70)	-0.0	-0.1	-0.2
III(71)	-0.0	-0.4	0.6
III(72)	-0.1	0.7	-1.3
III(73)	-0.0	-0.0	-0.0
III(74)	1.3	-1.0	-0.7
III(75)	-0.1	0.3	-1.2
III(76)	-0.0	-0.0	0.0
III(77)	-0.0	0.0	-0.1
III(78)	0.0	-0.1	0.6

Dimenzioniranje (beton)

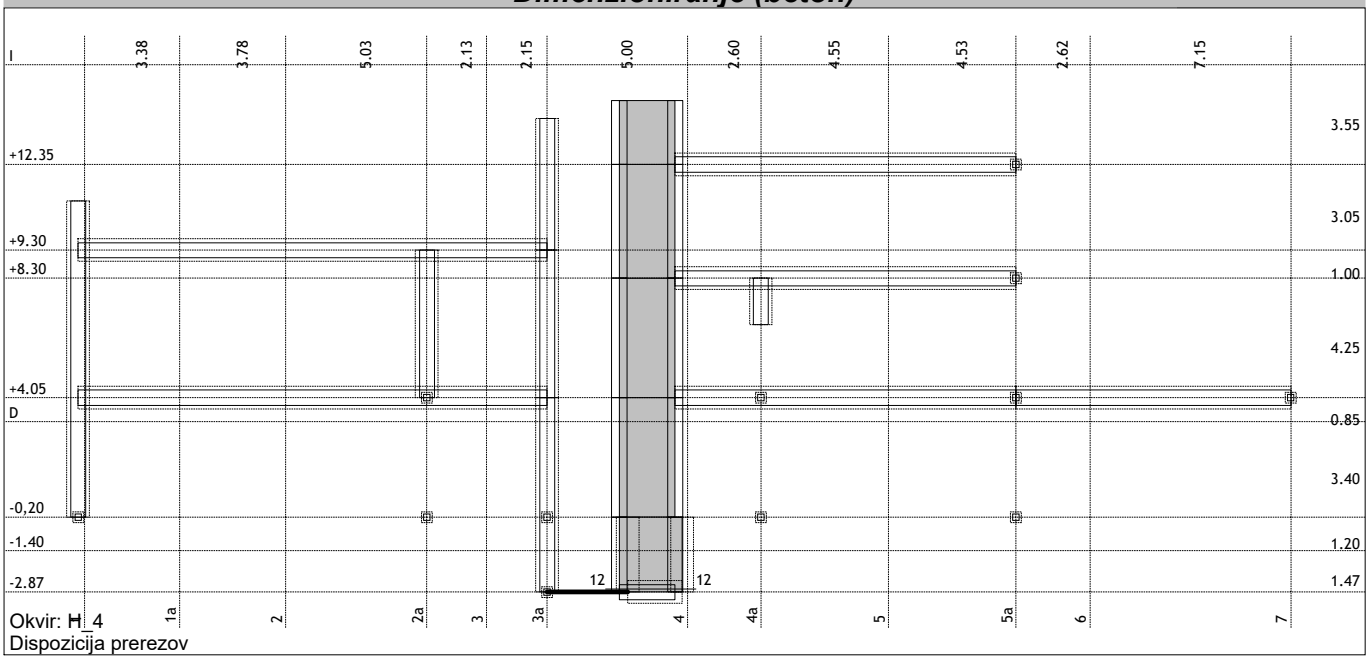
III(79)	-1.1	2.1	-1.1
III(80)	-0.1	-0.3	1.5
III(81)	0.0	-0.1	0.4
III(82)	0.0	-0.2	0.5
III(83)	0.0	0.0	-0.1
III(84)	-0.1	-2.5	2.3
III(85)	0.0	-0.0	0.0
III(86)	-0.1	-0.2	0.0
III(87)	0.4	2.1	-7.0
III(88)	0.0	-0.1	0.0
III(89)	-0.0	0.0	-0.1
III(90)	-0.1	0.3	-1.6
III(91)	-0.0	0.1	-0.5
III(92)	0.1	-0.0	0.2
III(93)	-0.5	0.5	-3.3
III(94)	0.3	0.4	0.9
III(95)	-0.4	-0.3	-1.3
III(96)	-0.1	-0.1	-3.4
III(97)	0.5	0.4	-0.2
III(98)	0.3	0.2	-0.4
III(99)	0.0	0.0	-0.0
III(100)	0.1	-0.1	0.5
IV(1)	-0.0	0.0	-0.0
IV(2)	0.0	0.0	-0.0
IV(3)	-0.0	0.0	-0.0
IV(4)	0.0	-0.0	-0.0
IV(5)	-4.2	10.0	-28.6
IV(6)	-6.0	-3.1	-25.3
IV(7)	-4.0	1.3	-38.8
IV(8)	0.0	-0.0	0.0
IV(9)	-0.0	0.0	-0.0
IV(10)	0.3	-0.1	1.8
IV(11)	-1.0	-0.8	-0.1
IV(12)	-0.1	0.0	-0.6
IV(13)	3.3	-1.2	-46.8
IV(14)	-0.6	-2.9	10.7
IV(15)	-0.6	-0.8	-1.3
IV(16)	0.1	0.2	-6.9
IV(17)	-68.8	16.6	-625.0
IV(18)	-1.5	0.1	-13.2
IV(19)	1.3	-4.1	28.9
IV(20)	0.0	-0.0	0.0
IV(21)	-0.0	-0.2	1.7
IV(22)	0.1	2.2	3.0
IV(23)	-1.5	-7.9	35.9
IV(24)	-0.0	-2.3	8.9
IV(25)	6.1	4.2	-18.6
IV(26)	0.0	-0.1	0.4
IV(27)	0.2	-1.4	3.0
IV(28)	0.7	-0.6	3.8
IV(29)	1.2	-4.2	15.3
IV(30)	-0.9	-0.9	1.2
IV(31)	0.8	2.6	-9.3
IV(32)	-0.7	-3.6	12.5
IV(33)	7.0	-23.5	83.8
IV(34)	-5.8	10.8	-39.4
IV(35)	-1.7	3.5	-12.4
IV(36)	0.9	-3.1	11.3
IV(37)	0.0	-1.3	4.6
IV(38)	-6.1	-0.6	-2.1
IV(39)	0.5	4.0	-16.2
IV(40)	-1.9	4.9	-19.6
IV(41)	-1.2	0.2	3.9
IV(42)	12.0	-3.1	18.3
IV(43)	6.1	-11.5	36.6
IV(44)	1.5	-2.7	12.2
IV(45)	0.5	-2.5	14.2
IV(46)	1.6	-5.5	20.2

IV(47)	1.5	-1.7	5.6
IV(48)	0.0	0.1	-0.4
IV(49)	1.4	-2.2	16.3
IV(50)	-0.4	4.6	-18.4
IV(51)	-0.1	1.0	-1.4
IV(52)	-0.0	1.0	-3.2
IV(53)	-0.5	1.5	-4.6
IV(54)	0.6	-2.7	9.1
IV(55)	-1.8	22.3	-90.5
IV(56)	0.1	0.6	-2.2
IV(57)	5.9	-11.8	51.4
IV(58)	0.1	0.6	-2.0
IV(59)	1.8	3.8	-15.4
IV(60)	0.8	2.7	-10.4
IV(61)	11.4	10.4	-5.6
IV(62)	0.3	0.0	0.0
IV(63)	2.6	3.0	-3.1
IV(64)	-0.7	-1.3	2.4
IV(65)	-2.8	1.5	-17.0
IV(66)	-0.5	-0.4	-1.3
IV(67)	-0.0	0.0	-0.1
IV(68)	3.0	-4.6	31.9
IV(69)	-1.3	1.3	-10.6
IV(70)	-0.0	-0.0	-0.1
IV(71)	-0.0	-3.0	5.0
IV(72)	0.3	-1.6	3.2
IV(73)	-0.0	-0.0	-0.1
IV(74)	1.6	-1.2	-0.8
IV(75)	0.1	-0.3	1.1
IV(76)	0.0	0.0	-0.0
IV(77)	0.0	-0.0	0.1
IV(78)	-0.0	0.0	-0.1
IV(79)	0.5	-1.0	0.5
IV(80)	1.5	3.8	-21.4
IV(81)	-0.4	0.9	-4.7
IV(82)	-0.1	1.1	-3.1
IV(83)	0.0	1.4	-3.7
IV(84)	0.0	1.4	-1.3
IV(85)	-0.0	0.0	-0.0
IV(86)	-0.3	-1.0	0.0
IV(87)	-1.2	-7.3	23.7
IV(88)	-0.1	1.3	-0.9
IV(89)	0.2	-0.2	0.7
IV(90)	-0.5	1.3	-7.3
IV(91)	-0.0	0.2	-1.3
IV(92)	-0.2	0.1	-0.7
IV(93)	0.3	-0.4	2.3
IV(94)	-0.3	-0.4	-1.0
IV(95)	0.3	0.2	0.9
IV(96)	-0.1	-0.1	-1.8
IV(97)	1.2	0.9	-0.5
IV(98)	0.4	0.3	-0.6
IV(99)	-0.0	-0.0	0.0
IV(100)	0.5	-0.6	4.2

Merodajna kombinacija za upogib:
1.35xI+1.50xII
Merodajna kombinacija za strig:
I+0.30xII-0.30xIII(1)+IV(17)

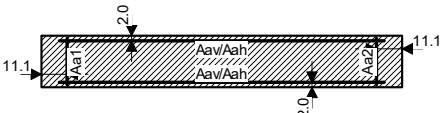
Mu =	-50.01 kNm		
Nu =	-2952.79 kN		
Tu =	22.51 kN		
Aa1 =	0.00 cm2	(min:34.05)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:34.05)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.03 cm2/m	(min:±2.50)	(osv:±Q-335)

Dimenzioniranje (beton)



Okvir: H_4

Prerez 12 - 12
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 20/222.5 cm Ab = 4450 cm2

No	N [kN]	T [kN]	M [kNm]
I	-107.6	1.2	15.0
II	-10.3	0.7	2.1
III(1)	0.0	-0.0	-0.1
III(2)	0.0	-0.0	-0.0
III(3)	-0.0	-0.0	-0.0
III(4)	0.0	-0.0	-0.0
III(5)	0.0	-0.0	-0.0
III(6)	-0.0	-0.0	-0.0
III(7)	-0.1	-0.0	-0.0
III(8)	0.1	-0.0	-0.0
III(9)	0.0	0.0	-0.0
III(10)	-0.0	-0.0	-0.0
III(11)	0.0	0.0	-0.0
III(12)	-0.0	-0.0	-0.0
III(13)	0.1	0.0	0.0
III(14)	-0.0	0.0	-0.0
III(15)	-0.0	-0.0	0.0
III(16)	0.0	0.0	0.0
III(17)	-1.4	-0.4	-0.1
III(18)	-0.8	-0.2	-0.0
III(19)	-0.1	-0.0	-0.0
III(20)	-0.0	-0.0	-0.0
III(21)	0.0	0.0	0.0
III(22)	0.2	0.0	-0.0
III(23)	0.0	0.0	0.0
III(24)	0.1	-0.1	-0.3
III(25)	0.9	0.2	-0.2
III(26)	0.0	-0.0	-0.0
III(27)	-0.0	0.0	0.0
III(28)	0.2	0.0	-0.0
III(29)	-4.9	-2.6	-3.7
III(30)	1.5	0.3	-0.2
III(31)	4.5	0.9	-0.9
III(32)	12.7	2.4	-2.7
III(33)	3.0	-0.6	-4.0
III(34)	-10.7	-3.2	-0.7
III(35)	-25.1	-7.1	-0.6
III(36)	-4.9	-1.4	-0.1
III(37)	-2.2	-0.6	0.0
III(38)	15.2	4.1	-0.3
III(39)	-0.4	-0.1	-0.0
III(40)	2.5	0.6	-0.3
III(41)	-6.9	-2.1	-0.3
III(42)	6.7	1.8	-0.3
III(43)	1.1	0.3	-0.1
III(44)	0.8	0.2	-0.2
III(45)	-0.4	-0.2	0.1
III(46)	-0.8	-0.6	-1.3
III(47)	-0.0	-0.0	0.0
III(48)	-0.0	-0.0	-0.0
III(49)	0.1	0.0	-0.0
III(50)	-0.4	-0.2	-0.5
III(51)	-0.2	-0.2	-0.3
III(52)	-0.1	-0.1	-0.2
III(53)	0.4	0.1	-0.1
III(54)	0.1	-0.0	0.2
III(55)	0.1	-0.0	-0.3
III(56)	0.0	-0.0	0.0
III(57)	0.1	-0.0	-0.2
III(58)	-0.0	-0.0	-0.0
III(59)	-0.1	-0.0	-0.0
III(60)	0.1	0.0	0.0
III(61)	-0.1	-0.0	-0.0
III(62)	-0.0	-0.0	-0.0
III(63)	-0.0	-0.0	-0.0
III(64)	-0.1	-0.1	-0.1
III(65)	0.0	0.0	-0.0
III(66)	0.0	0.0	0.0
III(67)	0.0	0.0	-0.0
III(68)	0.0	0.0	0.0
III(69)	-0.1	-0.0	0.0
III(70)	-0.0	-0.0	-0.0
III(71)	-0.0	-0.0	-0.0
III(72)	0.0	0.0	0.0
III(73)	0.0	-0.0	-0.0
III(74)	0.2	0.0	0.0
III(75)	-0.0	-0.0	0.0
III(76)	-0.0	-0.0	-0.0
III(77)	0.0	-0.0	0.0
III(78)	-0.0	-0.0	-0.0
III(79)	-0.1	0.0	0.0
III(80)	-0.0	-0.0	-0.0
III(81)	0.0	-0.0	-0.0
III(82)	-0.0	-0.0	-0.0
III(83)	0.0	0.0	0.0
III(84)	-0.1	-0.1	-0.1
III(85)	0.0	-0.0	-0.0
III(86)	0.0	-0.0	-0.0
III(87)	0.1	0.1	0.1
III(88)	-0.0	-0.0	-0.0
III(89)	0.0	-0.0	-0.0
III(90)	0.0	-0.0	-0.0
III(91)	0.0	0.0	0.0
III(92)	0.0	0.0	0.0
III(93)	-0.0	-0.0	-0.0
III(94)	0.0	0.0	0.0
III(95)	-0.0	-0.0	-0.0
III(96)	-0.0	-0.1	-0.0
III(97)	0.0	0.0	0.0
III(98)	0.0	0.0	0.0
III(99)	0.0	-0.0	0.0
III(100)	0.0	0.0	-0.0
IV(1)	-0.0	0.0	0.0
IV(2)	-0.0	0.0	0.0
IV(3)	0.0	0.0	0.0
IV(4)	0.0	-0.0	-0.0
IV(5)	1.0	-0.1	-0.1
IV(6)	1.7	0.3	0.0
IV(7)	1.5	0.4	0.2
IV(8)	0.0	-0.0	-0.0
IV(9)	0.0	0.0	-0.0
IV(10)	-0.1	-0.0	-0.0
IV(11)	0.1	0.0	-0.0
IV(12)	0.0	0.0	0.0

Dimenzioniranje (beton)

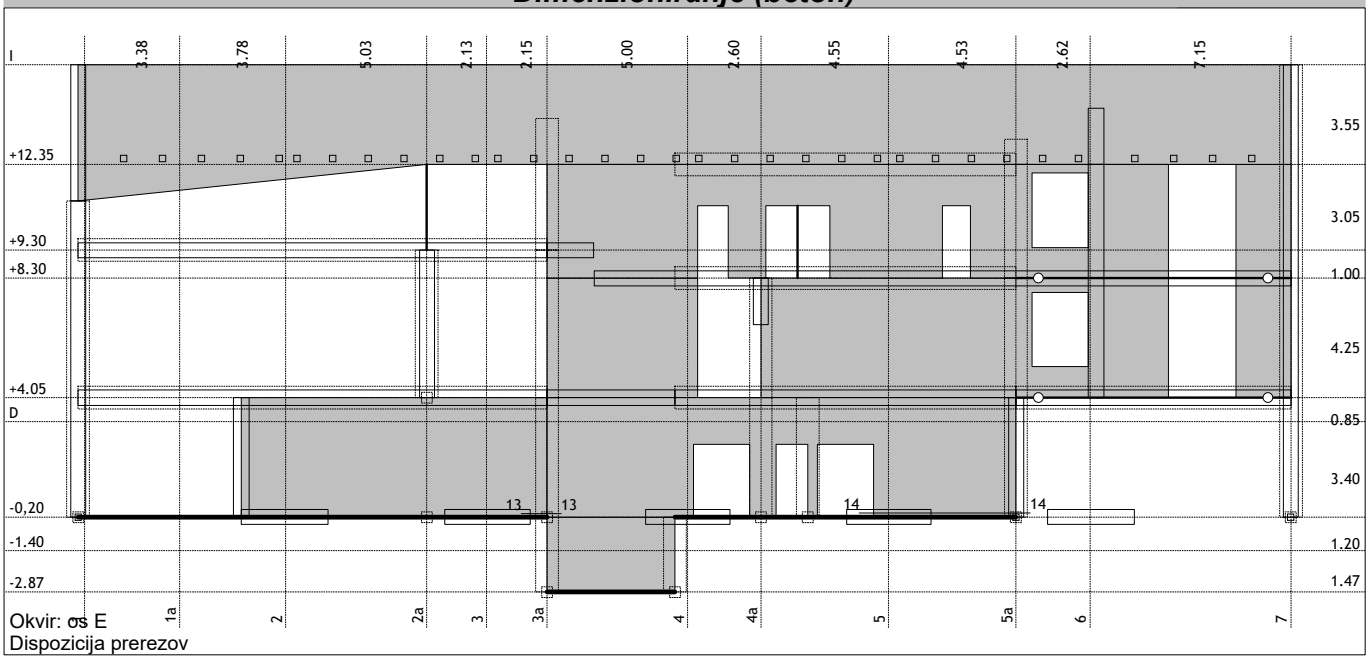
IV(13)	2.0	0.3	0.0
IV(14)	-0.0	0.0	-0.0
IV(15)	0.3	0.0	-0.0
IV(16)	0.3	0.1	0.1
IV(17)	42.6	11.0	3.4
IV(18)	1.0	0.2	0.1
IV(19)	-1.0	-0.3	-0.3
IV(20)	-0.0	-0.0	-0.0
IV(21)	-0.1	-0.0	-0.0
IV(22)	-0.7	-0.1	0.1
IV(23)	-0.3	-0.3	-0.6
IV(24)	0.1	-0.0	-0.1
IV(25)	-2.1	-0.4	0.4
IV(26)	0.0	-0.0	-0.0
IV(27)	-0.0	0.0	0.0
IV(28)	-0.6	-0.1	0.0
IV(29)	-0.2	-0.1	-0.1
IV(30)	1.0	0.2	-0.1
IV(31)	-1.1	-0.2	0.2
IV(32)	1.3	0.2	-0.3
IV(33)	0.8	-0.1	-1.0
IV(34)	3.9	1.2	0.3
IV(35)	1.9	0.5	0.0
IV(36)	-2.6	-0.7	-0.0
IV(37)	-2.6	-0.7	0.0
IV(38)	-23.9	-6.4	0.5
IV(39)	1.2	0.4	0.1
IV(40)	-1.6	-0.4	0.2
IV(41)	5.5	1.7	0.2
IV(42)	9.5	2.5	-0.5
IV(43)	3.1	0.8	-0.4
IV(44)	0.4	0.1	-0.1
IV(45)	0.5	0.2	-0.1
IV(46)	-0.1	-0.1	-0.2
IV(47)	0.0	0.0	-0.0
IV(48)	0.0	0.0	0.0
IV(49)	0.0	0.0	-0.0
IV(50)	0.1	0.0	0.1
IV(51)	0.1	0.1	0.1
IV(52)	0.0	0.0	0.0
IV(53)	-0.1	-0.0	0.0
IV(54)	-0.0	0.0	-0.1
IV(55)	-0.2	0.1	0.6
IV(56)	0.0	-0.0	0.0
IV(57)	0.2	-0.1	-0.5
IV(58)	0.0	0.0	0.0
IV(59)	-0.3	-0.1	-0.1
IV(60)	-0.2	-0.0	-0.0
IV(61)	0.7	0.3	0.1
IV(62)	-0.0	-0.0	-0.0
IV(63)	0.2	0.1	0.1

IV(64)	-0.1	-0.0	-0.0
IV(65)	-0.1	-0.1	0.1
IV(66)	0.0	0.0	0.0
IV(67)	-0.0	-0.0	0.0
IV(68)	0.2	0.2	0.1
IV(69)	-0.0	-0.0	0.0
IV(70)	-0.0	-0.0	-0.0
IV(71)	-0.1	-0.1	-0.1
IV(72)	-0.0	-0.0	-0.0
IV(73)	0.0	-0.0	-0.0
IV(74)	0.2	0.0	0.0
IV(75)	0.0	0.0	-0.0
IV(76)	0.0	0.0	0.0
IV(77)	-0.0	0.0	-0.0
IV(78)	0.0	0.0	0.0
IV(79)	0.0	-0.0	-0.0
IV(80)	0.1	0.0	0.1
IV(81)	-0.1	0.1	0.1
IV(82)	0.0	0.0	0.0
IV(83)	0.0	0.0	0.0
IV(84)	0.1	0.0	0.0
IV(85)	-0.0	0.0	0.0
IV(86)	0.0	-0.1	-0.1
IV(87)	-0.4	-0.2	-0.3
IV(88)	0.0	0.1	0.1
IV(89)	-0.0	0.0	0.0
IV(90)	0.1	-0.1	-0.0
IV(91)	0.0	0.0	0.0
IV(92)	-0.0	-0.0	-0.0
IV(93)	0.0	0.0	0.0
IV(94)	-0.0	-0.0	-0.0
IV(95)	0.0	0.0	0.0
IV(96)	-0.0	-0.0	-0.0
IV(97)	0.0	0.0	0.1
IV(98)	0.0	0.0	0.0
IV(99)	-0.0	0.0	-0.0
IV(100)	0.0	0.0	-0.0

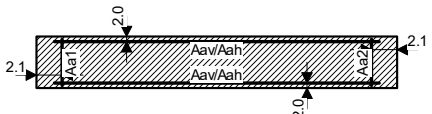
Merodajna kombinacija za upogib:
1.35xI+1.50xII
Merodajna kombinacija za strig:
I+0.30xII-0.30xIII(17)+IV(17)

Mu =	23.34 kNm		
Nu =	-160.70 kN		
Tu =	12.58 kN		
Aa1 =	0.00 cm2	(min:6.68)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:6.68)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.50)	
Aah =	±0.07 cm2/m	(min:±2.00)	(osv:±Q-335)

Dimenzioniranje (beton)



Prerez 13 - 13
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/41.2084 cm Ab = 1030.21 cm2

No	N [kN]	T [kN]	M [kNm]
I	-61.9	7.0	-1.0
II	-13.8	1.2	-0.2
III(1)	0.5	-0.1	0.0
III(2)	-0.0	0.0	-0.0
III(3)	0.0	-0.0	0.0
III(4)	-0.0	0.0	-0.0
III(5)	-0.1	-0.0	-0.0
III(6)	0.0	-0.0	0.0
III(7)	0.0	-0.0	0.0
III(8)	0.1	-0.0	0.0
III(9)	-0.0	0.0	-0.0
III(10)	0.0	-0.0	0.0
III(11)	-0.0	0.0	-0.0
III(12)	-0.0	0.0	-0.0
III(13)	-0.1	0.0	-0.0
III(14)	-0.0	0.0	-0.0
III(15)	0.1	0.0	0.0
III(16)	-0.0	0.0	-0.0
III(17)	1.1	-0.2	0.0
III(18)	0.5	-0.1	0.0
III(19)	-0.0	-0.0	-0.0
III(20)	-0.0	-0.0	-0.0
III(21)	0.0	0.0	0.0
III(22)	0.3	-0.0	0.0
III(23)	0.0	0.0	0.0
III(24)	-0.3	-0.3	-0.0
III(25)	-0.0	-0.2	0.0
III(26)	0.0	-0.0	0.0
III(27)	-0.2	0.0	-0.0
III(28)	0.1	-0.0	0.0
III(29)	0.9	-2.6	0.0
III(30)	-0.5	-0.1	-0.0
III(31)	0.2	-1.0	0.0
III(32)	-1.5	-2.5	-0.0
III(33)	0.5	-3.8	0.0
III(34)	3.6	-0.9	0.0
III(35)	3.4	-1.1	0.0
III(36)	-0.2	-0.1	-0.0
III(37)	-0.2	0.0	-0.0
III(38)	1.9	-0.2	0.0
III(39)	-0.1	-0.0	-0.0
III(40)	0.2	-0.0	0.0
III(41)	2.5	-0.6	0.0
III(42)	-0.4	-0.0	-0.0
III(43)	-0.7	-0.3	-0.0
III(44)	0.8	-0.2	0.0
III(45)	0.4	0.0	0.0
III(46)	0.1	-0.8	0.0
III(47)	0.0	-0.0	0.0
III(48)	0.0	-0.0	0.0
III(49)	-1.6	0.2	-0.0
III(50)	-1.4	0.2	-0.0
III(51)	1.3	-0.4	0.0
III(52)	0.3	-0.1	0.0
III(53)	0.4	-0.2	0.0
III(54)	-0.2	0.1	-0.0
III(55)	-0.3	-0.0	-0.0
III(56)	0.0	-0.0	0.0
III(57)	0.0	-0.1	0.0
III(58)	0.1	0.0	0.0
III(59)	0.5	-0.1	0.0
III(60)	-0.2	0.1	-0.0
III(61)	0.1	-0.0	0.0
III(62)	0.0	-0.0	0.0
III(63)	-0.0	-0.0	-0.0
III(64)	0.0	-0.0	0.0
III(65)	-0.0	0.0	-0.0
III(66)	-0.0	0.0	-0.0
III(67)	-0.0	0.0	-0.0
III(68)	-0.2	0.0	-0.0
III(69)	-0.0	-0.1	0.0
III(70)	0.0	-0.0	0.0
III(71)	0.0	0.0	0.0
III(72)	0.0	-0.0	0.0
III(73)	-0.0	0.0	-0.0
III(74)	-0.6	0.1	-0.0
III(75)	-0.0	-0.0	-0.0
III(76)	0.0	-0.0	0.0
III(77)	-0.0	-0.0	0.0
III(78)	0.0	0.0	0.0
III(79)	0.5	-0.1	0.0
III(80)	0.1	-0.0	0.0
III(81)	-0.1	0.0	-0.0
III(82)	-0.0	0.0	-0.0
III(83)	-0.0	-0.0	-0.0
III(84)	-0.2	-0.0	-0.0
III(85)	-0.0	0.0	-0.0
III(86)	-0.1	-0.0	-0.0
III(87)	-0.1	0.0	-0.0
III(88)	-0.0	-0.0	-0.0
III(89)	-0.0	0.0	-0.0
III(90)	-0.1	0.0	-0.0
III(91)	0.0	-0.0	-0.0
III(92)	0.0	-0.0	0.0
III(93)	-0.1	-0.0	-0.0
III(94)	-0.0	0.0	-0.0
III(95)	0.0	0.0	0.0
III(96)	0.1	-0.1	0.0
III(97)	0.0	-0.0	0.0
III(98)	-0.0	0.0	-0.0
III(99)	-0.0	0.0	-0.0
III(100)	0.0	-0.0	0.0
IV(1)	-0.0	0.0	-0.0
IV(2)	0.0	-0.0	0.0
IV(3)	-0.0	0.0	-0.0
IV(4)	-0.0	0.0	-0.0
IV(5)	-2.3	-0.0	-0.0
IV(6)	-4.9	0.4	-0.1
IV(7)	-0.7	0.2	-0.0
IV(8)	0.0	-0.0	0.0
IV(9)	-0.0	0.0	-0.0
IV(10)	0.0	-0.0	0.0
IV(11)	-0.5	0.0	-0.0
IV(12)	0.0	-0.0	0.0
IV(13)	-2.7	0.6	-0.0
IV(14)	-2.4	0.2	-0.0

Dimenzioniranje (beton)

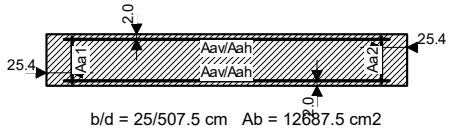
IV(15)	-0.5	-0.0	-0.0
IV(16)	-0.3	0.1	-0.0
IV(17)	-33.1	5.2	-0.4
IV(18)	-0.7	0.1	-0.0
IV(19)	-0.2	-0.3	-0.0
IV(20)	-0.0	-0.0	-0.0
IV(21)	-0.1	-0.0	-0.0
IV(22)	-1.2	0.1	-0.0
IV(23)	-1.7	-0.8	-0.0
IV(24)	-0.1	-0.2	-0.0
IV(25)	0.1	0.4	-0.0
IV(26)	0.0	-0.0	0.0
IV(27)	-0.4	0.0	-0.0
IV(28)	-0.2	0.1	-0.0
IV(29)	0.0	-0.1	0.0
IV(30)	-0.3	-0.1	-0.0
IV(31)	-0.1	0.2	-0.0
IV(32)	-0.2	-0.3	-0.0
IV(33)	0.1	-0.9	0.0
IV(34)	-1.3	0.3	-0.0
IV(35)	-0.3	0.1	-0.0
IV(36)	-0.1	-0.0	-0.0
IV(37)	-0.2	0.0	-0.0
IV(38)	-3.0	0.2	-0.0
IV(39)	0.2	0.0	0.0
IV(40)	-0.1	0.0	-0.0
IV(41)	-2.0	0.5	-0.0
IV(42)	-0.6	-0.0	-0.0
IV(43)	-1.9	-0.8	-0.0
IV(44)	0.3	-0.1	0.0
IV(45)	-0.5	-0.0	-0.0
IV(46)	0.0	-0.1	0.0
IV(47)	-0.1	0.0	-0.0
IV(48)	-0.0	0.0	-0.0
IV(49)	-0.9	0.1	-0.0
IV(50)	0.3	-0.0	0.0
IV(51)	-0.4	0.2	-0.0
IV(52)	-0.1	0.0	-0.0
IV(53)	-0.1	0.1	-0.0
IV(54)	0.1	-0.0	0.0
IV(55)	0.6	0.0	0.0
IV(56)	0.0	-0.0	0.0
IV(57)	0.0	-0.2	0.0
IV(58)	-0.0	-0.0	-0.0
IV(59)	1.1	-0.3	0.0
IV(60)	0.6	-0.2	0.0
IV(61)	-1.4	0.2	-0.0
IV(62)	0.0	-0.0	0.0
IV(63)	0.1	0.0	0.0
IV(64)	0.0	-0.0	0.0

IV(65)	0.2	-0.0	0.0
IV(66)	-0.1	0.1	-0.0
IV(67)	0.0	-0.0	0.0
IV(68)	-1.2	0.3	-0.0
IV(69)	-0.0	-0.1	0.0
IV(70)	0.0	-0.0	0.0
IV(71)	0.0	0.0	0.0
IV(72)	-0.0	0.0	-0.0
IV(73)	-0.0	0.0	-0.0
IV(74)	-0.7	0.1	-0.0
IV(75)	0.0	0.0	0.0
IV(76)	-0.0	0.0	-0.0
IV(77)	0.0	0.0	-0.0
IV(78)	-0.0	-0.0	-0.0
IV(79)	-0.2	0.0	-0.0
IV(80)	-1.6	0.1	-0.0
IV(81)	0.7	-0.0	0.0
IV(82)	0.0	-0.0	0.0
IV(83)	-0.1	-0.1	-0.0
IV(84)	0.1	0.0	0.0
IV(85)	0.0	-0.0	0.0
IV(86)	-0.3	-0.0	-0.0
IV(87)	0.5	-0.0	0.0
IV(88)	0.2	0.0	0.0
IV(89)	0.1	-0.0	0.0
IV(90)	-0.3	0.0	-0.0
IV(91)	0.0	-0.0	-0.0
IV(92)	-0.0	0.0	-0.0
IV(93)	0.1	0.0	0.0
IV(94)	0.0	-0.0	0.0
IV(95)	-0.0	-0.0	-0.0
IV(96)	0.1	-0.0	0.0
IV(97)	0.0	-0.0	0.0
IV(98)	-0.0	0.0	-0.0
IV(99)	0.0	-0.0	0.0
IV(100)	0.1	-0.0	0.0

Merodajna kombinacija za upogib:
1.35xI+1.50xII
Merodajna kombinacija za strig:
I+0.30xII-0.30xIII(17)+IV(17)
Mu = -1.75 kNm
Nu = -104.31 kN
Tu = 12.57 kN

Aa1 =	0.00 cm2	(min:1.55)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:1.55)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.39 cm2/m	(min:±2.50)	(osv:±Q-335)

Prerez 14 - 14
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/507.5 cm Ab = 12687.5 cm2

No	N [kN]	T [kN]	M [kNm]
I	-1024.7	-42.9	-174.9
II	-201.6	-10.3	-48.1
III(1)	0.8	-1.9	2.4
III(2)	0.7	-0.9	0.9
III(3)	0.0	-0.0	0.0
III(4)	0.0	-0.0	0.0
III(5)	-0.2	0.1	-0.3
III(6)	0.0	0.0	0.0
III(7)	0.0	-0.1	0.6
III(8)	0.4	-0.8	0.8
III(9)	0.0	-0.0	0.0
III(10)	0.0	0.0	-0.0
III(11)	-0.0	-0.0	0.0
III(12)	0.0	0.0	0.0
III(13)	-0.0	0.2	-0.5
III(14)	-0.0	-0.0	0.0
III(15)	0.0	0.2	-0.1
III(16)	0.3	0.1	-0.3
III(17)	1.7	-1.2	5.3
III(18)	0.6	-0.2	2.4
III(19)	0.1	-0.8	1.4
III(20)	0.0	-0.1	0.2
III(21)	-0.1	0.3	-0.4
III(22)	0.2	-0.2	0.0
III(23)	0.0	0.2	-0.3
III(24)	0.7	-6.4	9.1
III(25)	-8.3	-4.0	6.9
III(26)	0.2	-0.3	0.4
III(27)	0.5	-0.3	0.5
III(28)	0.1	-0.3	0.6
III(29)	11.0	-48.7	63.7

III(30)	1.0	-3.2	4.7
III(31)	-3.5	-18.0	27.9
III(32)	3.0	-56.4	82.0
III(33)	26.2	-68.9	84.9
III(34)	10.0	-11.7	13.3
III(35)	5.0	-6.4	4.3
III(36)	0.5	-2.2	2.6
III(37)	-0.1	-0.2	0.2
III(38)	-0.1	2.3	-3.0
III(39)	-0.2	-1.1	1.7
III(40)	0.6	-2.9	3.9
III(41)	3.9	-16.8	21.2
III(42)	17.9	-6.0	4.4
III(43)	4.0	0.4	-1.1
III(44)	-5.6	-0.5	1.1
III(45)	1.0	0.8	-0.6
III(46)	6.1	-15.7	23.1
III(47)	-0.1	-0.2	0.2
III(48)	0.0	-0.6	0.6
III(49)	-5.0	3.1	-4.9
III(50)	-0.9	-1.8	1.7
III(51)	3.4	-8.1	12.6
III(52)	0.9	-2.8	4.4
III(53)	1.6	1.6	-1.4
III(54)	1.7	2.0	-5.5
III(55)	3.3	-2.4	2.8
III(56)	0.1	-0.0	-0.0
III(57)	1.9	-1.6	1.9
III(58)	0.3	-0.3	0.4
III(59)	-0.1	-2.4	3.7
III(60)	0.0	0.9	-1.4
III(61)	0.6	-0.2	0.2
III(62)	0.2	-0.4	0.4
III(63)	0.1	-0.1	0.1
III(64)	0.9	-0.9	1.2
III(65)	0.2	0.0	-0.1
III(66)	-0.5	0.1	-0.0
III(67)	0.1	0.0	-0.1
III(68)	-0.6	0.9	-1.1
III(69)	0.9	-2.0	2.8
III(70)	0.3	-0.2	0.2
III(71)	-0.0	-0.4	0.7
III(72)	-0.8	0.5	-0.6
III(73)	0.0	-0.0	0.0
III(74)	-3.8	2.2	-3.3
III(75)	0.0	0.0	-0.1
III(76)	0.0	-0.0	0.0

Dimenzioniranje (beton)

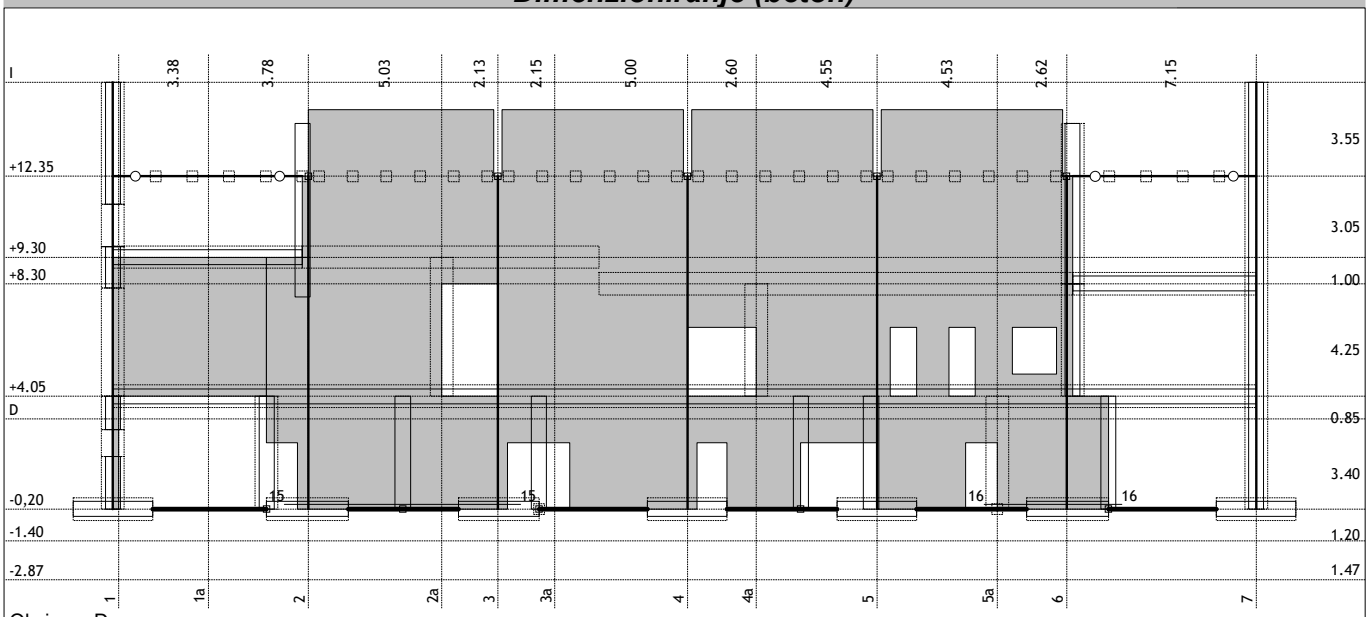
III(77)	0.0	0.0	-0.0
III(78)	-0.1	0.0	-0.1
III(79)	-1.7	0.2	0.3
III(80)	-0.3	0.2	-0.4
III(81)	0.0	0.0	-0.1
III(82)	0.2	-0.0	0.0
III(83)	0.0	0.0	-0.0
III(84)	-0.0	-0.4	0.1
III(85)	0.0	-0.0	-0.0
III(86)	-0.3	0.1	-0.4
III(87)	0.3	0.4	-0.4
III(88)	0.1	-0.0	0.0
III(89)	0.0	-0.0	0.0
III(90)	-0.0	0.1	-0.2
III(91)	0.0	0.0	-0.1
III(92)	0.1	-0.1	0.1
III(93)	1.0	0.0	-0.1
III(94)	1.0	-0.3	0.2
III(95)	-0.0	0.0	-0.0
III(96)	0.6	-0.3	0.4
III(97)	-0.2	0.3	-0.2
III(98)	0.2	-0.0	0.1
III(99)	0.0	-0.0	0.0
III(100)	0.0	-0.0	0.0
IV(1)	-0.0	0.0	-0.0
IV(2)	-0.0	0.0	-0.0
IV(3)	-0.1	0.0	-0.0
IV(4)	0.2	-0.1	0.0
IV(5)	-8.7	4.6	-11.8
IV(6)	-2.8	-3.0	-3.4
IV(7)	-0.8	2.3	-9.3
IV(8)	0.0	-0.0	0.0
IV(9)	0.0	-0.0	0.0
IV(10)	0.4	0.1	-0.1
IV(11)	-0.2	-0.8	0.6
IV(12)	-0.2	-0.0	-0.0
IV(13)	-0.5	8.4	-21.7
IV(14)	-0.6	-1.7	0.5
IV(15)	-0.3	-1.4	1.1
IV(16)	3.1	0.9	-2.9
IV(17)	-50.8	35.1	-158.8
IV(18)	-0.8	0.3	-3.1
IV(19)	0.8	-6.2	10.9
IV(20)	0.0	-0.0	0.0
IV(21)	0.2	-0.8	1.2
IV(22)	-1.0	0.9	-0.1
IV(23)	-0.3	-14.6	23.7
IV(24)	0.4	-3.4	4.9
IV(25)	18.8	9.0	-15.5
IV(26)	0.1	-0.1	0.1
IV(27)	1.1	-0.7	1.2
IV(28)	-0.5	1.2	-2.2
IV(29)	0.4	-1.9	2.4
IV(30)	0.6	-2.0	3.0
IV(31)	0.9	4.5	-6.9
IV(32)	0.3	-5.9	8.5
IV(33)	6.6	-17.3	21.3
IV(34)	-3.7	4.3	-4.9
IV(35)	-0.4	0.5	-0.3
IV(36)	0.3	-1.1	1.4
IV(37)	-0.1	-0.3	0.3
IV(38)	0.1	-3.6	4.7
IV(39)	0.6	3.3	-5.0
IV(40)	-0.4	1.8	-2.5
IV(41)	-3.1	13.5	-17.0
IV(42)	25.1	-8.4	6.2
IV(43)	11.4	1.0	-3.0
IV(44)	-2.6	-0.2	0.5
IV(45)	-1.2	-0.9	0.8

IV(46)	0.9	-2.2	3.3
IV(47)	0.4	0.7	-0.6
IV(48)	-0.0	0.1	-0.2
IV(49)	-2.7	1.7	-2.7
IV(50)	0.2	0.3	-0.3
IV(51)	-1.2	2.8	-4.4
IV(52)	-0.2	0.7	-1.2
IV(53)	-0.4	-0.4	0.4
IV(54)	-0.5	-0.6	1.7
IV(55)	-6.7	4.9	-5.5
IV(56)	0.1	-0.0	-0.0
IV(57)	6.4	-5.2	6.4
IV(58)	-0.1	0.1	-0.2
IV(59)	-0.3	-5.5	8.5
IV(60)	-0.1	-2.9	4.5
IV(61)	-6.8	2.3	-2.7
IV(62)	0.2	-0.3	0.4
IV(63)	-1.5	1.0	-1.2
IV(64)	0.4	-0.4	0.6
IV(65)	-2.4	-0.3	1.1
IV(66)	-4.4	0.9	-0.0
IV(67)	-0.0	-0.0	0.0
IV(68)	-3.4	5.6	-6.8
IV(69)	0.6	-1.3	1.8
IV(70)	0.1	-0.1	0.1
IV(71)	-0.1	-2.8	5.1
IV(72)	1.9	-1.2	1.6
IV(73)	0.0	-0.0	0.0
IV(74)	-4.6	2.6	-4.0
IV(75)	-0.0	-0.0	0.1
IV(76)	-0.0	0.0	-0.0
IV(77)	-0.0	-0.0	0.0
IV(78)	0.0	-0.0	0.0
IV(79)	0.8	-0.1	-0.1
IV(80)	4.5	-2.4	5.5
IV(81)	-0.4	-0.1	1.0
IV(82)	-1.0	0.3	-0.3
IV(83)	0.3	0.3	-1.1
IV(84)	0.0	0.2	-0.0
IV(85)	-0.0	0.0	0.0
IV(86)	-1.0	0.5	-1.4
IV(87)	-1.2	-1.5	1.2
IV(88)	-1.3	0.7	-0.9
IV(89)	-0.3	0.1	-0.1
IV(90)	-0.0	0.4	-1.0
IV(91)	0.0	0.0	-0.2
IV(92)	-0.5	0.3	-0.2
IV(93)	-0.7	-0.0	0.1
IV(94)	-1.1	0.4	-0.3
IV(95)	0.0	-0.0	0.0
IV(96)	0.3	-0.1	0.2
IV(97)	-0.3	0.6	-0.4
IV(98)	0.3	-0.0	0.1
IV(99)	-0.0	0.0	-0.0
IV(100)	0.1	-0.2	0.1

Merodajna kombinacija za upogib:
1.35xI+1.50xII
Merodajna kombinacija za strig:
I+0.30xII+0.30xIII(1)-1.00xIV(17)
Mu = -308.30 kNm
Nu = -1685.69 kN
Tu = -81.69 kN

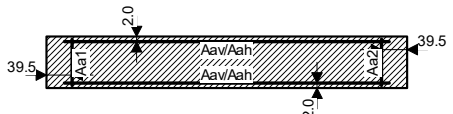
Aa1 =	0.00 cm2	(min:19.03)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:19.03)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.20 cm2/m	(min:±2.50)	(osv:±Q-335)

Dimenzioniranje (beton)



Okvir: os D
Dispozicija prerezov

Prerez 15 - 15
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/790 cm Ab = 19750 cm2

No	N [kN]	T [kN]	M [kNm]
I	-1253.1	-5.8	-241.4
II	-392.4	-5.1	-140.2
III(1)	-13.6	-10.2	-12.2
III(2)	1.7	1.7	2.1
III(3)	-0.2	-0.1	-0.2
III(4)	0.0	0.0	0.0
III(5)	-0.5	-0.0	-0.6
III(6)	-0.1	-0.0	-0.2
III(7)	0.2	-0.3	0.7
III(8)	-2.7	-2.2	-0.9
III(9)	0.1	0.1	0.0
III(10)	0.0	-0.0	0.1
III(11)	-0.0	-0.0	0.0
III(12)	-0.0	0.0	-0.0
III(13)	-0.0	0.3	-0.2
III(14)	0.0	0.0	0.1
III(15)	-1.5	0.2	-2.0
III(16)	-0.0	0.2	-0.1
III(17)	-1.7	-2.7	2.4
III(18)	0.6	-0.5	1.9
III(19)	3.0	-1.1	4.0
III(20)	0.4	-0.0	0.8
III(21)	-1.0	0.0	-1.1
III(22)	-18.2	-0.3	3.9
III(23)	-0.6	0.3	-1.0
III(24)	6.5	-9.9	16.8
III(25)	1.0	-3.9	2.5
III(26)	-0.1	-0.6	0.8
III(27)	4.1	-0.4	-1.2
III(28)	0.8	-0.2	1.2
III(29)	7.6	-57.7	79.0
III(30)	-3.8	-3.0	-2.7
III(31)	-3.7	-25.9	22.8
III(32)	27.0	-59.7	86.4
III(33)	9.3	-100.0	139.3
III(34)	-34.3	-20.6	4.4
III(35)	-27.8	-32.6	42.3
III(36)	3.6	-1.5	3.8
III(37)	-0.0	0.2	-0.9
III(38)	-21.1	-3.1	-4.3
III(39)	-3.1	0.1	-3.9
III(40)	8.3	4.4	-3.6
III(41)	-6.7	-2.0	-5.3
III(42)	22.7	1.6	5.2
III(43)	7.5	-18.4	26.5
III(44)	14.1	-4.2	9.6
III(45)	1.2	-0.2	-0.4
III(46)	3.7	-8.7	23.1
III(47)	0.0	-0.1	0.1
III(48)	-0.3	-0.6	-0.4
III(49)	3.3	0.5	-26.3
III(50)	-12.9	1.0	-36.8
III(51)	5.8	-7.8	6.0
III(52)	0.9	-2.2	-5.6
III(53)	1.4	-10.0	88.6
III(54)	-0.9	1.9	16.0
III(55)	3.2	-0.7	-2.0
III(56)	1.4	-0.1	1.1
III(57)	-2.9	-1.0	-2.1
III(58)	-3.3	2.5	-2.6
III(59)	0.9	-0.6	0.6
III(60)	-0.6	1.1	-0.9
III(61)	0.0	-0.4	1.2
III(62)	0.0	-0.2	-0.3
III(63)	-0.0	-0.1	0.1
III(64)	-0.5	0.7	-7.1
III(65)	-0.0	0.1	-0.3
III(66)	0.1	0.3	-0.8
III(67)	-0.0	0.1	-0.3
III(68)	-0.8	0.9	-2.8
III(69)	-1.2	-2.1	-1.6
III(70)	0.0	-0.0	-0.3
III(71)	0.3	0.5	-2.3
III(72)	-0.1	-0.7	2.5
III(73)	0.0	0.0	-0.0
III(74)	1.4	0.5	1.8
III(75)	-0.2	-0.8	0.9
III(76)	-0.0	-0.0	0.0
III(77)	-0.0	-0.1	0.1
III(78)	-0.1	0.0	0.1
III(79)	-0.4	-1.2	5.6
III(80)	-1.5	-0.5	1.2
III(81)	0.3	0.0	-0.3
III(82)	0.1	0.2	-0.4
III(83)	-0.0	-0.0	0.1
III(84)	3.2	-1.4	2.8
III(85)	-0.0	0.0	-0.0
III(86)	-0.4	-0.5	-0.1
III(87)	-1.3	-1.2	1.4
III(88)	-0.5	-0.1	-0.2
III(89)	0.1	-0.0	-0.1
III(90)	0.4	-0.2	1.2
III(91)	0.1	-0.0	0.7
III(92)	-0.3	-0.0	-0.1
III(93)	-1.1	-0.4	0.5
III(94)	3.4	1.6	0.5
III(95)	1.3	0.0	0.8
III(96)	1.1	-2.9	1.3
III(97)	0.6	-0.2	0.2
III(98)	0.3	0.2	0.3
III(99)	0.0	0.0	0.0
III(100)	0.0	-0.0	-0.0
IV(1)	0.0	0.0	0.0
IV(2)	-0.0	-0.0	-0.0
IV(3)	0.3	0.1	0.3
IV(4)	0.4	0.2	0.4
IV(5)	-20.3	-0.1	-23.7
IV(6)	9.0	2.9	23.3
IV(7)	-2.9	4.0	-10.5
IV(8)	-0.1	-0.0	-0.0
IV(9)	0.0	0.0	0.0
IV(10)	0.5	-0.0	0.9
IV(11)	-0.3	-0.9	1.9
IV(12)	0.5	-0.1	0.5
IV(13)	-0.9	10.2	-9.8
IV(14)	2.7	0.9	10.6

Dimenzioniranje (beton)

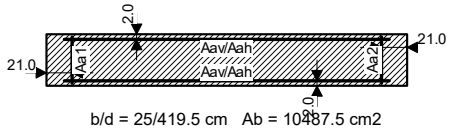
IV(15)	11.9	-1.3	16.1
IV(16)	-0.1	1.7	-1.5
IV(17)	52.0	79.9	-71.3
IV(18)	-0.7	0.7	-2.4
IV(19)	23.6	-8.4	32.0
IV(20)	0.0	-0.0	0.0
IV(21)	3.0	-0.1	3.2
IV(22)	81.2	1.4	-17.3
IV(23)	49.5	-24.2	76.6
IV(24)	3.5	-5.3	9.1
IV(25)	-2.2	8.9	-5.7
IV(26)	-0.0	-0.3	0.3
IV(27)	9.5	-1.0	-2.8
IV(28)	-3.0	0.8	-4.5
IV(29)	0.3	-2.2	3.0
IV(30)	-2.4	-1.9	-1.7
IV(31)	0.9	6.4	-5.7
IV(32)	2.8	-6.2	9.0
IV(33)	2.3	-25.0	34.9
IV(34)	12.7	7.6	-1.6
IV(35)	2.1	2.5	-3.2
IV(36)	1.9	-0.8	2.0
IV(37)	-0.0	0.2	-1.1
IV(38)	33.0	4.9	6.8
IV(39)	9.2	-0.3	11.4
IV(40)	-5.3	-2.8	2.3
IV(41)	5.3	1.6	4.2
IV(42)	31.8	2.3	7.3
IV(43)	21.4	-52.4	75.5
IV(44)	6.5	-1.9	4.4
IV(45)	-1.6	0.2	0.5
IV(46)	0.5	-1.2	3.3
IV(47)	-0.1	0.2	-0.4
IV(48)	0.1	0.1	0.1
IV(49)	1.8	0.3	-14.3
IV(50)	2.4	-0.2	6.8
IV(51)	-2.0	2.7	-2.1
IV(52)	-0.2	0.6	1.5
IV(53)	-0.4	2.5	-22.6
IV(54)	0.3	-0.6	-5.0
IV(55)	-6.4	1.3	3.9
IV(56)	1.3	-0.1	1.1
IV(57)	-9.5	-3.4	-6.9
IV(58)	1.2	-0.9	0.9
IV(59)	2.1	-1.4	1.4
IV(60)	1.7	-3.4	2.9
IV(61)	-0.5	4.7	-14.5
IV(62)	0.0	-0.2	-0.3
IV(63)	0.2	0.9	-1.6
IV(64)	-0.2	0.4	-3.5

IV(65)	0.3	-0.8	3.2
IV(66)	0.8	2.2	-7.3
IV(67)	0.0	-0.0	0.0
IV(68)	-4.6	5.4	-17.4
IV(69)	-0.8	-1.3	-1.0
IV(70)	0.0	-0.0	-0.1
IV(71)	2.0	3.5	-17.3
IV(72)	0.4	1.7	-6.2
IV(73)	0.0	0.0	-0.0
IV(74)	1.7	0.5	2.2
IV(75)	0.2	0.7	-0.8
IV(76)	0.1	0.1	-0.1
IV(77)	0.0	0.1	-0.1
IV(78)	0.0	-0.0	-0.0
IV(79)	0.2	0.6	-2.7
IV(80)	21.4	7.2	-17.3
IV(81)	-4.4	-0.1	4.5
IV(82)	-0.7	-1.4	2.3
IV(83)	-0.2	-2.3	4.6
IV(84)	-1.8	0.8	-1.5
IV(85)	0.0	-0.0	0.0
IV(86)	-1.8	-1.8	-0.3
IV(87)	4.5	3.9	-4.6
IV(88)	8.6	1.2	4.0
IV(89)	-1.5	0.3	1.0
IV(90)	1.8	-0.8	5.2
IV(91)	0.2	-0.1	1.9
IV(92)	1.3	0.2	0.4
IV(93)	0.7	0.3	-0.4
IV(94)	-4.0	-1.8	-0.6
IV(95)	-0.9	-0.0	-0.6
IV(96)	0.6	-1.5	0.7
IV(97)	1.2	-0.5	0.5
IV(98)	0.5	0.2	0.4
IV(99)	-0.0	-0.0	-0.0
IV(100)	0.4	-0.1	-0.4

Merodajna kombinacija za upogib:
1.35xI+1.50xII
Merodajna kombinacija za strig:
I+0.30xII+0.30xIII(1)-1.00xIV(17)
Mu = -536.16 kNm
Nu = -2280.35 kN
Tu = -90.27 kN

Aa1 =	0.00 cm2	(min:29.62)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:29.62)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.14 cm2/m	(min:±2.50)	(osv:±Q-503)

Prerez 16 - 16
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/419.5 cm Ab = 10487.5 cm2

No	N [kN]	T [kN]	M [kNm]
I	-715.8	-16.8	-19.1
II	-141.3	0.6	-0.3
III(1)	6.1	-2.3	-1.0
III(2)	4.3	-1.5	-0.9
III(3)	0.1	-0.0	-0.1
III(4)	0.0	-0.0	-0.0
III(5)	-0.1	-0.0	-0.0
III(6)	0.0	0.0	0.0
III(7)	-0.2	0.0	0.8
III(8)	1.4	-0.9	-0.5
III(9)	0.1	-0.1	-0.0
III(10)	0.0	0.0	-0.0
III(11)	-0.0	-0.0	0.0
III(12)	0.0	0.0	-0.0
III(13)	0.3	-0.1	-3.0
III(14)	-0.0	-0.0	0.0
III(15)	0.1	0.1	-0.0
III(16)	0.5	-0.0	-0.7
III(17)	-0.7	0.3	6.8
III(18)	-0.8	0.6	3.4
III(19)	-0.5	-0.3	1.3
III(20)	-0.0	-0.1	0.1
III(21)	0.1	0.2	-0.4
III(22)	0.2	-0.0	-0.4
III(23)	0.2	0.1	-0.3
III(24)	-3.2	-3.5	8.7
III(25)	-15.1	-0.7	22.2
III(26)	0.1	-0.2	-0.0
III(27)	0.3	-0.1	0.2
III(28)	-0.2	-0.1	0.5
III(29)	-22.4	-23.4	28.6

III(30)	-1.5	-1.5	3.0
III(31)	-22.2	-6.1	38.5
III(32)	-46.8	-26.3	89.5
III(33)	-22.5	-42.1	21.0
III(34)	4.6	-9.7	-5.1
III(35)	2.5	-4.2	-20.3
III(36)	-1.1	-1.3	0.8
III(37)	-0.2	-0.1	0.2
III(38)	2.1	1.3	-5.2
III(39)	-1.5	-0.4	3.1
III(40)	-2.0	-1.7	2.7
III(41)	-16.7	-13.9	29.0
III(42)	19.5	-10.9	-34.0
III(43)	10.0	0.6	-21.3
III(44)	-9.1	1.5	13.1
III(45)	1.6	0.3	-0.7
III(46)	1.7	-5.6	-13.1
III(47)	-1.2	0.0	3.6
III(48)	-2.2	-0.1	5.9
III(49)	-5.7	0.2	-0.4
III(50)	-4.4	-0.9	1.0
III(51)	-0.3	-1.8	4.7
III(52)	-0.0	-0.7	-0.3
III(53)	9.7	1.5	-12.0
III(54)	-7.9	0.1	20.2
III(55)	-2.4	-0.2	12.9
III(56)	0.4	-0.2	-1.1
III(57)	1.8	-1.1	-2.3
III(58)	0.5	-0.0	-0.5
III(59)	-2.5	-1.9	-0.9
III(60)	1.1	0.7	0.1
III(61)	0.7	0.1	0.3
III(62)	-0.9	-0.2	1.5
III(63)	0.1	-0.0	0.1
III(64)	0.5	-0.1	0.5
III(65)	-0.2	0.1	0.9
III(66)	0.3	-0.2	-1.7
III(67)	-0.0	0.1	0.3
III(68)	0.9	0.4	-1.4
III(69)	-1.8	-1.3	1.6
III(70)	-0.1	-0.0	0.6
III(71)	-0.4	-0.3	-0.2
III(72)	0.0	0.0	-1.3
III(73)	-0.0	-0.0	0.0
III(74)	-3.2	-0.4	-3.6
III(75)	0.1	0.0	-0.1
III(76)	0.0	0.0	0.0

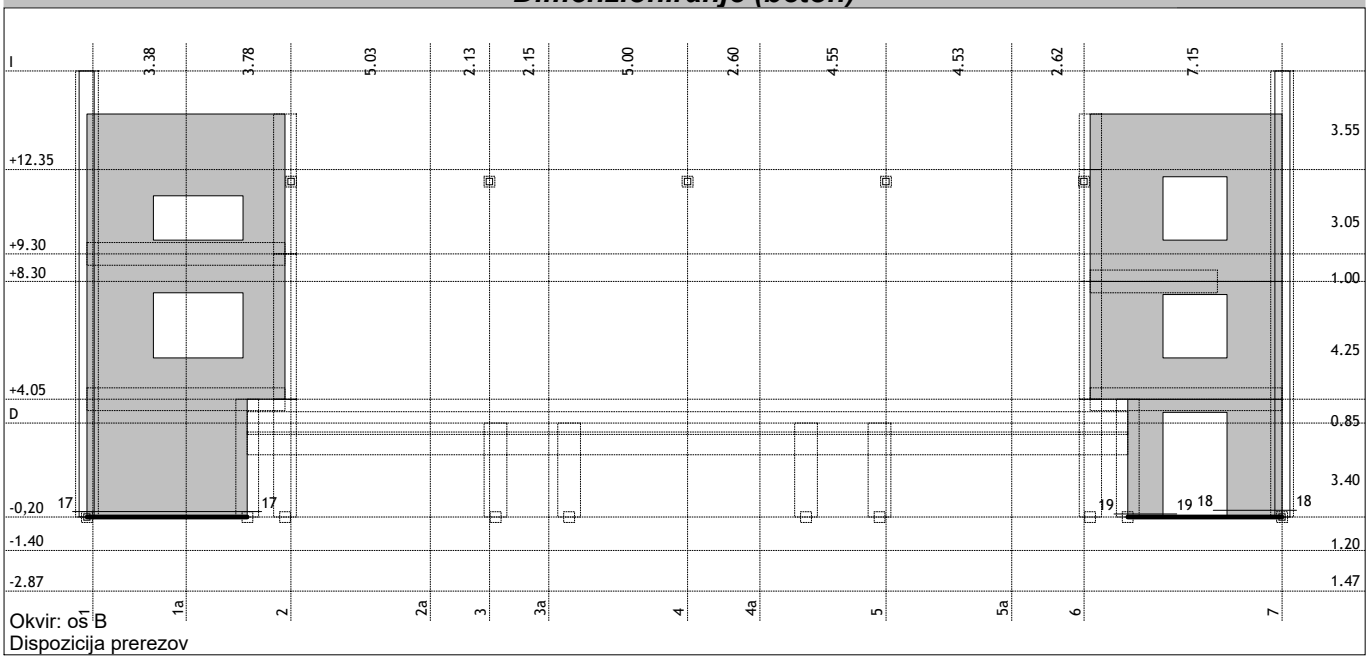
Dimenzioniranje (beton)

III(77)	0.0	0.0	-0.0
III(78)	0.0	0.0	-0.1
III(79)	-2.3	-0.3	-2.0
III(80)	0.2	0.1	-0.1
III(81)	-0.2	0.0	0.1
III(82)	0.2	0.0	0.1
III(83)	0.0	0.0	-0.0
III(84)	2.3	0.1	1.3
III(85)	0.0	-0.0	0.0
III(86)	-0.4	-0.0	0.1
III(87)	-0.2	-0.1	0.0
III(88)	0.1	-0.0	0.1
III(89)	0.0	-0.0	0.0
III(90)	-0.1	-0.0	0.1
III(91)	0.1	-0.0	0.0
III(92)	0.2	-0.1	0.1
III(93)	1.3	0.0	0.6
III(94)	1.5	-0.3	0.8
III(95)	0.0	0.0	-0.0
III(96)	0.2	-0.3	-0.3
III(97)	-0.5	0.1	-0.4
III(98)	0.1	-0.1	0.0
III(99)	0.0	-0.0	0.0
III(100)	0.0	-0.0	0.0
IV(1)	-0.0	0.0	0.0
IV(2)	-0.0	0.0	0.0
IV(3)	-0.1	0.0	0.1
IV(4)	0.5	-0.1	-0.3
IV(5)	-1.9	-0.6	-0.3
IV(6)	-0.6	-2.3	-7.0
IV(7)	3.9	-0.0	-12.6
IV(8)	0.0	-0.0	-0.0
IV(9)	0.0	-0.0	-0.0
IV(10)	0.5	0.0	-0.5
IV(11)	-0.4	-0.5	0.0
IV(12)	-0.2	-0.0	0.2
IV(13)	10.1	-5.5	-120.5
IV(14)	-0.8	-0.8	2.1
IV(15)	-0.9	-0.8	0.3
IV(16)	5.2	-0.2	-7.6
IV(17)	22.2	-9.6	-202.0
IV(18)	1.1	-0.7	-4.4
IV(19)	-4.0	-2.1	9.9
IV(20)	-0.0	-0.0	0.0
IV(21)	-0.2	-0.5	1.2
IV(22)	-1.0	0.2	1.8
IV(23)	-15.1	-5.0	25.6
IV(24)	-1.7	-1.9	4.7
IV(25)	34.3	1.6	-50.3
IV(26)	0.0	-0.1	-0.0
IV(27)	0.7	-0.2	0.5
IV(28)	0.7	0.5	-1.8
IV(29)	-0.9	-0.9	1.1
IV(30)	-0.9	-0.9	1.9
IV(31)	5.5	1.5	-9.6
IV(32)	-4.9	-2.7	9.3
IV(33)	-5.6	-10.5	5.3
IV(34)	-1.7	3.6	1.9
IV(35)	-0.2	0.3	1.5
IV(36)	-0.6	-0.7	0.4
IV(37)	-0.3	-0.2	0.3
IV(38)	-3.3	-2.0	8.1
IV(39)	4.5	1.1	-9.0
IV(40)	1.3	1.1	-1.8
IV(41)	13.4	11.1	-23.2
IV(42)	27.4	-15.4	-47.7
IV(43)	28.5	1.8	-60.7
IV(44)	-4.2	0.7	6.0
IV(45)	-2.0	-0.3	0.9
IV(46)	0.2	-0.8	-1.9
IV(47)	3.9	-0.1	-11.8
IV(48)	0.6	0.0	-1.5
IV(49)	-3.1	0.1	-0.2
IV(50)	0.8	0.2	-0.2
IV(51)	0.1	0.6	-1.6
IV(52)	0.0	0.2	0.1
IV(53)	-2.5	-0.4	3.1
IV(54)	2.5	-0.0	-6.3
IV(55)	4.7	0.4	-25.6
IV(56)	0.4	-0.2	-1.0
IV(57)	5.9	-3.5	-7.6
IV(58)	-0.2	0.0	0.2
IV(59)	-5.9	-4.3	-2.1
IV(60)	-3.4	-2.2	-0.3
IV(61)	-7.8	-1.0	-4.0
IV(62)	-0.9	-0.2	1.4
IV(63)	-1.8	0.0	-0.6
IV(64)	0.3	-0.0	0.2
IV(65)	2.7	-1.6	-10.1
IV(66)	3.0	-1.6	-14.5
IV(67)	0.0	-0.0	-0.0
IV(68)	5.5	2.3	-8.9
IV(69)	-1.2	-0.8	1.0
IV(70)	-0.1	-0.0	0.3
IV(71)	-3.1	-2.1	-1.5
IV(72)	-0.0	-0.1	3.3
IV(73)	-0.1	-0.0	0.0
IV(74)	-3.9	-0.5	-4.4
IV(75)	-0.1	-0.0	0.1
IV(76)	-0.0	-0.0	-0.0
IV(77)	-0.0	-0.0	0.0
IV(78)	-0.0	-0.0	0.0
IV(79)	1.1	0.1	0.9
IV(80)	-3.1	-2.0	0.9
IV(81)	2.7	-0.5	-1.8
IV(82)	-1.2	-0.1	-0.9
IV(83)	1.4	0.4	-0.7
IV(84)	-1.3	-0.1	-0.7
IV(85)	-0.0	0.0	-0.0
IV(86)	-1.4	-0.0	0.3
IV(87)	0.8	0.3	-0.1
IV(88)	-1.1	0.3	-1.3
IV(89)	-0.2	0.1	-0.2
IV(90)	-0.6	-0.2	0.5
IV(91)	0.2	-0.1	0.1
IV(92)	-0.8	0.2	-0.3
IV(93)	-0.9	-0.0	-0.4
IV(94)	-1.7	0.3	-0.9
IV(95)	-0.0	-0.0	0.0
IV(96)	0.1	-0.2	-0.1
IV(97)	-1.1	0.1	-0.8
IV(98)	0.2	-0.1	0.0
IV(99)	-0.0	0.0	-0.0
IV(100)	0.0	-0.1	0.1

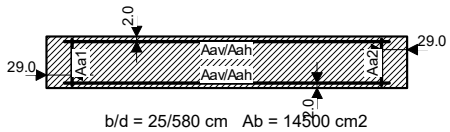
Merodajna kombinacija za upogib:
1.35xI+1.50xII
Merodajna kombinacija za strig:
I+0.30xII+0.30xIII(1)+IV(17)
Mu = -26.18 kNm
Nu = -1178.22 kN
Tu = -26.94 kN

Aa1 =	0.00 cm2	(min:15.73)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:15.73)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.08 cm2/m	(min:±2.50)	(osv:±Q-503)

Dimenzioniranje (beton)



Prerez 17 - 17
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/580 cm Ab = 14500 cm2

No	N [kN]	T [kN]	M [kNm]
I	-603.5	25.2	10.0
II	-98.5	10.8	-6.3
III(1)	-3.1	-28.5	-139.9
III(2)	0.5	4.3	20.9
III(3)	0.1	-0.4	-1.1
III(4)	-0.0	0.0	0.1
III(5)	-0.1	0.1	-0.0
III(6)	0.2	-0.2	0.0
III(7)	-0.4	0.1	-0.3
III(8)	0.1	-8.7	-26.0
III(9)	0.1	0.5	1.7
III(10)	-0.1	0.1	-0.0
III(11)	-0.0	0.0	-0.0
III(12)	0.0	-0.0	0.0
III(13)	-0.2	0.2	0.2
III(14)	-0.1	0.1	0.0
III(15)	2.6	-1.7	0.1
III(16)	-0.1	0.1	0.2
III(17)	3.6	-4.2	-3.3
III(18)	1.0	1.9	8.2
III(19)	-5.9	3.0	-2.4
III(20)	-0.5	-1.5	-0.2
III(21)	1.3	-2.1	-3.1
III(22)	-2.0	-2.8	-7.7
III(23)	1.4	-1.0	0.2
III(24)	-21.1	2.9	-36.2
III(25)	3.0	-5.8	-7.6
III(26)	-0.6	-2.6	-4.8
III(27)	0.4	-0.2	0.4
III(28)	-0.7	-0.1	-1.0
III(29)	-14.2	-57.3	-151.5
III(30)	4.2	-5.8	-7.2
III(31)	-3.2	-42.2	-102.3
III(32)	-41.0	-51.4	-180.9
III(33)	-64.6	-156.6	-454.3
III(34)	44.3	-75.3	-79.5
III(35)	14.7	-106.1	-185.3
III(36)	-4.7	7.9	2.9
III(37)	0.1	0.9	2.0
III(38)	30.7	-35.9	-16.9
III(39)	7.5	-1.5	10.6
III(40)	-0.4	27.8	57.7
III(41)	43.4	-1.4	86.7
III(42)	-38.2	39.3	4.5
III(43)	-46.4	-33.2	-159.2
III(44)	-26.6	17.7	-18.3
III(45)	-4.5	0.0	-9.4
III(46)	21.4	29.4	100.6
III(47)	0.5	-0.4	0.3
III(48)	-2.9	-6.9	-13.7
III(49)	25.2	-57.2	-21.7
III(50)	49.6	-96.5	-42.0
III(51)	21.4	-42.3	2.5
III(52)	20.9	-13.8	15.8
III(53)	-11.8	-89.4	-44.7
III(54)	-13.3	-9.7	-18.4
III(55)	20.8	21.0	55.3
III(56)	3.7	1.1	8.8
III(57)	-5.6	-3.8	-17.1
III(58)	-6.4	9.5	0.9
III(59)	0.2	8.3	9.8
III(60)	-0.6	2.8	2.5
III(61)	-0.2	-0.4	-0.6
III(62)	-0.1	0.2	-0.6
III(63)	0.2	-0.5	-0.1
III(64)	-6.9	32.7	13.5
III(65)	-0.2	-0.2	-0.9
III(66)	-0.6	0.4	-1.2
III(67)	-0.1	-0.0	-0.1
III(68)	0.3	-0.2	0.6
III(69)	0.6	-0.9	-0.4
III(70)	-0.0	-0.0	-0.2
III(71)	0.5	-1.0	0.6
III(72)	-0.8	0.1	-2.6
III(73)	0.0	-0.0	0.0
III(74)	0.8	-15.5	-13.0
III(75)	0.1	-0.3	-0.7
III(76)	0.0	-0.0	-0.0
III(77)	0.0	-0.0	-0.1
III(78)	0.0	-0.2	-0.1
III(79)	3.0	-15.3	-5.8
III(80)	-0.2	0.7	0.5
III(81)	0.1	-0.1	0.0
III(82)	-0.2	-0.5	-0.6
III(83)	0.0	-0.0	0.0
III(84)	2.9	-3.8	0.7
III(85)	0.0	0.1	0.1
III(86)	0.2	1.9	1.6
III(87)	-0.1	0.5	-0.1
III(88)	-0.1	0.5	0.1
III(89)	-0.1	-0.1	-0.2
III(90)	0.8	-1.6	-0.0
III(91)	0.6	-0.3	0.7
III(92)	0.2	1.3	1.2
III(93)	1.3	3.0	4.0
III(94)	-3.1	-13.6	-13.9
III(95)	-0.5	-0.4	-1.1
III(96)	0.8	-2.3	-0.4
III(97)	-0.2	-0.5	-0.5
III(98)	-0.1	0.0	-0.1
III(99)	0.0	0.0	-0.0
III(100)	-0.0	-0.1	-0.1
IV(1)	0.0	0.0	0.2
IV(2)	-0.0	-0.0	-0.2
IV(3)	-0.2	0.6	1.5
IV(4)	-0.3	0.9	2.3
IV(5)	-4.7	3.6	-1.2
IV(6)	-35.4	22.8	-3.0
IV(7)	6.0	-1.7	5.0
IV(8)	0.0	-0.2	-0.6
IV(9)	0.0	0.1	0.4
IV(10)	-1.0	0.6	-0.1
IV(11)	-4.6	2.6	-0.7
IV(12)	-0.6	0.3	-0.2
IV(13)	-6.2	9.1	9.2
IV(14)	-15.2	11.0	0.5

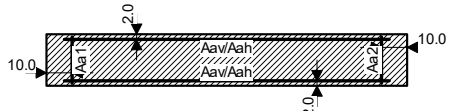
Dimenzioniranje (beton)

IV(15)	-20.6	13.6	-0.7
IV(16)	-0.6	1.5	2.5
IV(17)	-106.2	123.6	96.9
IV(18)	-1.3	-2.4	-10.7
IV(19)	-47.0	24.0	-19.1
IV(20)	-0.0	-0.0	-0.0
IV(21)	-3.9	6.2	9.1
IV(22)	9.0	12.6	34.2
IV(23)	-105.3	74.4	-13.2
IV(24)	-11.4	1.5	-19.5
IV(25)	-6.8	13.1	17.1
IV(26)	-0.2	-1.1	-2.0
IV(27)	1.0	-0.5	0.9
IV(28)	2.5	0.3	4.0
IV(29)	-0.5	-2.2	-5.8
IV(30)	2.6	-3.6	-4.5
IV(31)	0.8	10.5	25.4
IV(32)	-4.3	-5.4	-18.8
IV(33)	-16.2	-39.2	-113.8
IV(34)	-16.4	27.8	29.3
IV(35)	-1.1	8.0	14.0
IV(36)	-2.5	4.2	1.5
IV(37)	0.2	1.0	2.4
IV(38)	-48.2	56.3	26.5
IV(39)	-22.1	4.5	-31.1
IV(40)	0.2	-17.8	-37.0
IV(41)	-34.8	1.1	-69.5
IV(42)	-53.7	55.2	6.3
IV(43)	-132.3	-94.6	-453.9
IV(44)	-12.3	8.2	-8.4
IV(45)	5.6	-0.1	11.8
IV(46)	3.1	4.2	14.3
IV(47)	-1.5	1.1	-1.1
IV(48)	0.7	1.7	3.4
IV(49)	13.7	-31.2	-11.8
IV(50)	-9.2	17.9	7.8
IV(51)	-7.5	14.7	-0.9
IV(52)	-5.6	3.7	-4.2
IV(53)	3.0	22.8	11.4
IV(54)	4.2	3.0	5.8
IV(55)	-41.3	-41.7	-110.0
IV(56)	3.4	1.0	8.2
IV(57)	-18.4	-12.8	-56.8
IV(58)	2.2	-3.3	-0.3
IV(59)	0.4	19.1	22.4
IV(60)	1.8	-8.7	-7.7
IV(61)	2.2	5.0	6.9
IV(62)	-0.1	0.2	-0.5
IV(63)	-1.9	5.9	1.4
IV(64)	-3.4	16.3	6.7
IV(65)	2.1	1.9	9.8
IV(66)	-5.5	3.7	-10.6
IV(67)	0.0	0.0	0.0
IV(68)	1.9	-1.0	3.6
IV(69)	0.4	-0.6	-0.2
IV(70)	-0.0	-0.0	-0.1
IV(71)	3.8	-8.0	4.8
IV(72)	1.9	-0.2	6.4
IV(73)	0.0	-0.1	0.1
IV(74)	0.9	-18.7	-15.7
IV(75)	-0.1	0.2	0.6
IV(76)	-0.0	0.0	0.0
IV(77)	-0.0	0.0	0.1
IV(78)	-0.0	0.0	0.0
IV(79)	-1.4	7.3	2.8
IV(80)	3.4	-9.8	-7.3
IV(81)	-1.3	1.5	-0.1
IV(82)	1.2	3.4	4.2
IV(83)	2.6	-2.1	1.8
IV(84)	-1.6	2.1	-0.4
IV(85)	-0.0	-0.0	-0.0
IV(86)	0.7	7.4	6.1
IV(87)	0.5	-1.9	0.3
IV(88)	2.1	-8.5	-2.4
IV(89)	1.3	0.9	2.6
IV(90)	3.8	-7.4	-0.0
IV(91)	1.5	-0.7	1.9
IV(92)	-0.7	-5.1	-4.7
IV(93)	-0.9	-2.1	-2.8
IV(94)	3.6	15.6	16.0
IV(95)	0.4	0.3	0.8
IV(96)	0.4	-1.2	-0.2
IV(97)	-0.3	-1.0	-1.1
IV(98)	-0.2	0.0	-0.2
IV(99)	-0.0	-0.0	0.0
IV(100)	-0.4	-0.5	-0.7

Merodajna kombinacija za upogib:
1.35xI+1.50xII
Merodajna kombinacija za strig:
I+0.30xII-0.30xIII(1)+IV(17)
Mu = 4.05 kNm
Nu = -962.46 kN
Tu = 160.65 kN

Aa1 =	0.00 cm2	(min:21.75)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:21.75)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.35 cm2/m	(min:±2.50)	(osv:±Q-335)

Prerez 18 - 18
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/200 cm Ab = 5000 cm2

No	N [kN]	T [kN]	M [kNm]
I	-227.0	-18.4	-8.1
II	-23.1	-5.4	-2.5
III(1)	-5.1	-7.5	-15.4
III(2)	-3.3	-5.2	-10.6
III(3)	-0.0	-0.1	-0.2
III(4)	-0.0	-0.0	-0.0
III(5)	0.1	-0.1	-0.1
III(6)	-0.0	0.0	0.0
III(7)	-0.0	0.2	0.2
III(8)	0.0	-3.9	-6.1
III(9)	0.0	-0.4	-0.6
III(10)	-0.0	-0.0	-0.0
III(11)	0.0	-0.0	-0.0
III(12)	-0.0	-0.0	-0.0
III(13)	1.4	-1.5	-2.3
III(14)	-0.0	0.0	0.0
III(15)	-0.0	0.1	0.1
III(16)	-0.1	-0.2	-0.3
III(17)	0.1	1.0	1.1
III(18)	-0.4	2.2	3.2
III(19)	0.1	-0.0	-0.1
III(20)	0.0	-0.1	-0.1
III(21)	-0.2	0.5	0.8
III(22)	-0.0	-0.1	-0.1
III(23)	-0.0	-0.1	-0.1
III(24)	3.4	-6.9	-11.3
III(25)	5.7	3.0	2.4
III(26)	0.0	-0.3	-0.5
III(27)	-0.2	-0.0	0.0
III(28)	0.0	-0.1	-0.2
III(29)	13.1	-24.1	-36.8
III(30)	1.1	-1.7	-2.5
III(31)	1.7	3.4	3.1
III(32)	24.8	-30.8	-50.6
III(33)	51.8	-79.5	-116.7
III(34)	20.1	-34.1	-50.6
III(35)	-0.2	-2.2	-1.5
III(36)	1.6	-2.1	-3.2
III(37)	0.2	-0.2	-0.4
III(38)	-2.9	3.1	4.9
III(39)	0.7	-0.4	-0.7
III(40)	3.6	-4.4	-6.7
III(41)	45.8	-52.1	-77.9
III(42)	36.0	-52.3	-74.3
III(43)	-13.8	11.1	17.7
III(44)	-7.2	11.5	15.9
III(45)	1.8	-2.1	-2.9
III(46)	-25.0	17.1	25.6
III(47)	1.5	-0.6	-1.0
III(48)	2.8	-1.2	-1.7
III(49)	4.4	0.7	1.0
III(50)	5.4	-1.4	-2.0
III(51)	-15.8	9.7	14.3
III(52)	-6.2	3.9	5.7
III(53)	12.9	-5.4	-7.2
III(54)	19.5	-9.2	-11.7
III(55)	18.7	-9.0	-12.0
III(56)	-0.9	0.2	0.3
III(57)	0.2	-1.4	-1.7
III(58)	-1.1	0.6	0.9
III(59)	0.1	-0.0	0.0
III(60)	-0.4	0.2	0.3
III(61)	0.0	-0.2	-0.2
III(62)	1.2	-0.4	-0.3
III(63)	-0.0	-0.1	-0.1
III(64)	-1.5	1.4	2.3
III(65)	0.1	0.2	0.3
III(66)	-0.2	-0.2	-0.5
III(67)	-0.0	0.1	0.2
III(68)	-0.3	0.0	-0.2
III(69)	0.6	-0.0	0.5
III(70)	-0.3	0.1	0.3
III(71)	0.6	-0.3	-0.3
III(72)	1.1	-0.3	-0.4
III(73)	-0.0	-0.0	-0.0
III(74)	1.4	0.3	0.7
III(75)	0.2	0.0	0.1
III(76)	0.0	0.0	0.0

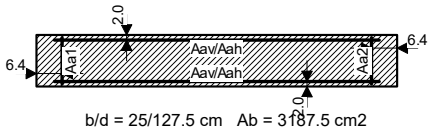
Dimenzioniranje (beton)

III(77)	0.0	0.0	0.0
III(78)	0.0	0.0	0.0
III(79)	5.0	1.5	3.5
III(80)	0.1	-0.0	-0.1
III(81)	0.8	-0.1	-0.0
III(82)	-0.5	0.1	0.1
III(83)	-0.1	0.0	0.0
III(84)	-1.2	0.0	-0.1
III(85)	-0.0	0.0	0.0
III(86)	-0.1	0.2	0.3
III(87)	0.0	-0.0	0.1
III(88)	0.0	-0.0	-0.1
III(89)	-0.0	-0.0	-0.0
III(90)	0.3	-0.1	-0.2
III(91)	-0.5	0.2	0.2
III(92)	-0.5	0.1	0.1
III(93)	-1.3	0.1	0.2
III(94)	-2.6	0.4	0.5
III(95)	-0.1	0.0	0.0
III(96)	-0.8	0.0	-0.1
III(97)	0.2	0.1	0.2
III(98)	-0.1	-0.0	-0.1
III(99)	-0.0	-0.0	-0.0
III(100)	-0.0	-0.0	-0.0
IV(1)	0.0	0.0	0.0
IV(2)	0.0	0.1	0.1
IV(3)	0.0	0.2	0.3
IV(4)	-0.0	-0.7	-1.2
IV(5)	2.7	-2.8	-3.4
IV(6)	0.6	-2.5	-3.2
IV(7)	0.2	-3.1	-3.5
IV(8)	0.0	-0.1	-0.1
IV(9)	0.0	-0.1	-0.1
IV(10)	-0.0	-0.2	-0.3
IV(11)	0.1	-0.2	-0.3
IV(12)	0.0	0.1	0.1
IV(13)	54.2	-60.3	-89.8
IV(14)	-1.1	1.0	1.7
IV(15)	0.2	-0.5	-0.7
IV(16)	-1.4	-2.4	-2.7
IV(17)	-3.0	-29.6	-32.1
IV(18)	0.5	-2.9	-4.2
IV(19)	0.6	-0.1	-0.6
IV(20)	0.0	-0.0	-0.0
IV(21)	0.5	-1.4	-2.3
IV(22)	0.1	0.6	0.7
IV(23)	1.9	4.8	6.2
IV(24)	1.8	-3.7	-6.1
IV(25)	-12.9	-6.8	-5.5
IV(26)	0.0	-0.1	-0.2
IV(27)	-0.4	-0.1	0.0
IV(28)	-0.1	0.4	0.6
IV(29)	0.5	-0.9	-1.4
IV(30)	0.7	-1.1	-1.6
IV(31)	-0.4	-0.8	-0.8
IV(32)	2.6	-3.2	-5.3
IV(33)	13.0	-19.9	-29.2
IV(34)	-7.4	12.6	18.7
IV(35)	0.0	0.2	0.1
IV(36)	0.9	-1.1	-1.7
IV(37)	0.3	-0.3	-0.5
IV(38)	4.6	-4.9	-7.6
IV(39)	-2.0	1.1	2.0
IV(40)	-2.3	2.8	4.3
IV(41)	-36.8	41.8	62.5
IV(42)	50.5	-73.3	-104.3
IV(43)	-39.5	31.7	50.5
IV(44)	-3.3	5.3	7.3
IV(45)	-2.3	2.6	3.7
IV(46)	-3.6	2.4	3.6
IV(47)	-4.8	2.1	3.2
IV(48)	-0.7	0.3	0.4
IV(49)	2.4	0.4	0.5
IV(50)	-1.0	0.3	0.4
IV(51)	5.5	-3.4	-5.0
IV(52)	1.7	-1.0	-1.5
IV(53)	-3.3	1.4	1.8
IV(54)	-6.1	2.9	3.7
IV(55)	-37.2	17.9	23.8
IV(56)	-0.8	0.2	0.3
IV(57)	0.8	-4.6	-5.8
IV(58)	0.4	-0.2	-0.3
IV(59)	0.2	-0.1	0.1
IV(60)	1.4	-0.8	-1.0
IV(61)	-0.1	2.2	2.6
IV(62)	1.1	-0.3	-0.3
IV(63)	0.0	0.7	0.9
IV(64)	-0.7	0.7	1.1
IV(65)	-1.5	-1.9	-3.7
IV(66)	-2.1	-1.8	-3.9
IV(67)	0.0	-0.0	-0.0
IV(68)	-1.7	0.0	-1.1
IV(69)	0.4	-0.0	0.3
IV(70)	-0.1	0.1	0.1
IV(71)	4.8	-2.1	-2.5
IV(72)	-2.7	0.7	0.9
IV(73)	-0.0	-0.0	-0.0
IV(74)	1.7	0.3	0.8
IV(75)	-0.2	-0.0	-0.1
IV(76)	-0.0	-0.0	-0.0
IV(77)	-0.0	-0.0	-0.0
IV(78)	-0.0	-0.0	-0.0
IV(79)	-2.4	-0.7	-1.7
IV(80)	-0.9	0.4	0.8
IV(81)	-10.2	1.6	0.3
IV(82)	3.6	-0.7	-0.6
IV(83)	-3.4	0.6	0.3
IV(84)	0.7	-0.0	0.1
IV(85)	0.0	-0.0	-0.0
IV(86)	-0.5	0.7	1.0
IV(87)	-0.1	0.1	-0.2
IV(88)	-0.3	0.6	1.0
IV(89)	0.3	0.0	0.1
IV(90)	1.5	-0.7	-1.0
IV(91)	-1.3	0.4	0.6
IV(92)	1.9	-0.3	-0.3
IV(93)	0.9	-0.1	-0.1
IV(94)	3.0	-0.4	-0.6
IV(95)	0.1	-0.0	-0.0
IV(96)	-0.4	0.0	-0.0
IV(97)	0.5	0.2	0.3
IV(98)	-0.2	-0.1	-0.1
IV(99)	0.0	0.0	0.0
IV(100)	-0.0	-0.0	-0.1

Merodajna kombinacija za upogib:
I+0.30xII-0.30xIII(1)-1.00xIV(13)
Merodajna kombinacija za strig:
I+0.30xII+0.30xIII(1)+IV(13)

Mu =	85.53 kNm		
Nu =	-286.57 kN		
Tu =	-82.55 kN		
Aa1 =	0.00 cm2	(min:7.50)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:7.50)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.52 cm2/m	(min:±2.50)	(osv:±Q-335)

Prerez 19 - 19
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/127.5 cm Ab = 3187.5 cm2

No	N [kN]	T [kN]	M [kNm]
I	-176.0	-6.8	-3.6
II	-33.2	-2.7	-0.7
III(1)	3.6	-3.8	-5.8
III(2)	2.4	-2.6	-4.0
III(3)	-0.1	-0.1	-0.1
III(4)	-0.0	-0.0	-0.0
III(5)	-0.1	-0.0	-0.0
III(6)	0.1	0.0	0.0
III(7)	1.2	0.2	0.1
III(8)	-1.1	-1.8	-2.4
III(9)	-0.0	-0.2	-0.2
III(10)	-0.1	-0.0	-0.0
III(11)	-0.0	-0.0	-0.0
III(12)	-0.0	-0.0	-0.0
III(13)	-4.7	-2.3	-2.0
III(14)	0.0	0.0	0.0
III(15)	0.1	0.0	0.0
III(16)	-1.4	-0.2	-0.1
III(17)	7.4	1.0	0.2
III(18)	4.5	1.3	1.2
III(19)	1.0	0.1	-0.1
III(20)	0.1	-0.0	-0.1
III(21)	-0.2	0.2	0.3
III(22)	-0.8	-0.1	-0.0
III(23)	-0.3	-0.1	-0.0
III(24)	4.5	-3.0	-5.3
III(25)	37.8	4.4	0.8
III(26)	-0.5	-0.2	-0.2
III(27)	-0.4	0.0	0.0
III(28)	0.2	-0.0	-0.1
III(29)	-17.6	-14.2	-19.3
III(30)	-0.5	-0.9	-1.4
III(31)	41.8	5.6	0.2
III(32)	49.4	-12.3	-29.8
III(33)	-110.8	-54.1	-64.0
III(34)	-49.8	-23.9	-27.2
III(35)	-35.3	-4.6	0.0
III(36)	-2.6	-1.5	-1.8
III(37)	0.2	-0.1	-0.2
III(38)	-1.8	1.6	3.0
III(39)	2.9	0.1	-0.5

Dimenzioniranje (beton)

III(40)	-2.7	-2.9	-3.9
III(41)	-33.4	-34.5	-47.2
III(42)	-118.9	-42.9	-42.5
III(43)	-18.3	5.2	12.0
III(44)	35.2	10.5	9.1
III(45)	-4.4	-1.8	-1.9
III(46)	-8.2	11.3	19.3
III(47)	3.4	-0.1	-1.1
III(48)	4.5	-0.4	-2.2
III(49)	7.9	-0.2	-1.3
III(50)	4.7	-1.1	-2.8
III(51)	4.6	7.9	10.6
III(52)	1.3	3.0	4.4
III(53)	-29.7	-11.7	-8.2
III(54)	6.1	-5.6	-13.7
III(55)	-7.8	-9.1	-13.5
III(56)	-0.9	0.3	0.6
III(57)	-7.2	-1.2	-0.6
III(58)	-0.5	0.4	0.7
III(59)	-3.5	-0.7	0.0
III(60)	1.2	0.3	0.2
III(61)	-1.0	-0.2	-0.2
III(62)	-0.5	-0.7	-1.2
III(63)	-0.3	-0.1	-0.0
III(64)	-1.8	0.3	1.0
III(65)	1.1	0.2	-0.2
III(66)	-1.4	-0.3	0.3
III(67)	0.5	0.1	-0.0
III(68)	0.6	0.1	0.4
III(69)	-6.3	-1.4	-0.8
III(70)	0.4	0.1	-0.0
III(71)	-1.8	-0.5	-0.3
III(72)	-1.1	-0.4	0.1
III(73)	-0.0	-0.0	-0.0
III(74)	-12.8	-6.7	-5.0
III(75)	0.2	0.2	0.3
III(76)	-0.0	0.0	0.0
III(77)	0.0	0.0	0.0
III(78)	-0.1	-0.1	-0.0
III(79)	-3.9	0.1	2.1
III(80)	0.1	-0.0	0.0
III(81)	-0.8	-0.1	-0.1
III(82)	0.6	0.3	0.2
III(83)	0.1	0.0	0.0
III(84)	-0.0	-0.0	0.2
III(85)	0.0	0.0	0.0
III(86)	-0.2	-0.2	-0.1
III(87)	-1.0	-0.2	-0.1
III(88)	0.0	0.0	0.0
III(89)	0.1	0.0	0.0
III(90)	-0.2	-0.2	-0.2
III(91)	0.4	0.2	0.2
III(92)	0.6	0.3	0.3
III(93)	0.8	0.7	0.7
III(94)	2.7	1.7	1.7
III(95)	0.1	0.1	0.1
III(96)	1.6	0.7	0.7
III(97)	-0.3	-0.2	-0.2
III(98)	0.3	0.1	0.1
III(99)	0.0	0.0	0.0
III(100)	-0.0	0.0	0.0
IV(1)	-0.0	0.0	0.0
IV(2)	-0.0	0.0	0.0
IV(3)	0.1	0.1	0.1
IV(4)	-0.6	-0.4	-0.4
IV(5)	-2.8	-0.9	-1.6
IV(6)	-11.1	-2.2	-1.4
IV(7)	-19.3	-3.1	-1.7
IV(8)	-0.0	-0.0	-0.1
IV(9)	-0.0	-0.0	-0.1
IV(10)	-1.2	-0.2	-0.1
IV(11)	-0.4	-0.1	-0.1
IV(12)	0.6	0.1	0.1
IV(13)	-185.6	-89.7	-79.3
IV(14)	3.0	1.9	1.8
IV(15)	-0.4	-0.2	-0.3
IV(16)	-14.3	-1.7	-0.8
IV(17)	-220.1	-29.1	-5.9
IV(18)	-5.8	-1.6	-1.5
IV(19)	8.1	0.6	-0.5
IV(20)	0.0	-0.0	-0.0
IV(21)	0.6	-0.6	-1.0
IV(22)	3.5	0.5	0.2
IV(23)	25.8	4.4	2.1
IV(24)	2.4	-1.6	-2.9
IV(25)	-85.6	-10.1	-1.8
IV(26)	-0.2	-0.1	-0.1
IV(27)	-0.9	0.0	0.1
IV(28)	-0.7	0.1	0.4
IV(29)	-0.7	-0.5	-0.7
IV(30)	-0.3	-0.6	-0.9
IV(31)	-10.4	-1.4	-0.1
IV(32)	5.1	-1.3	-3.1
IV(33)	-27.8	-13.6	-16.0
IV(34)	18.4	8.8	10.0
IV(35)	2.7	0.3	-0.0
IV(36)	-1.4	-0.8	-0.9
IV(37)	0.2	-0.2	-0.3
IV(38)	2.8	-2.5	-4.7

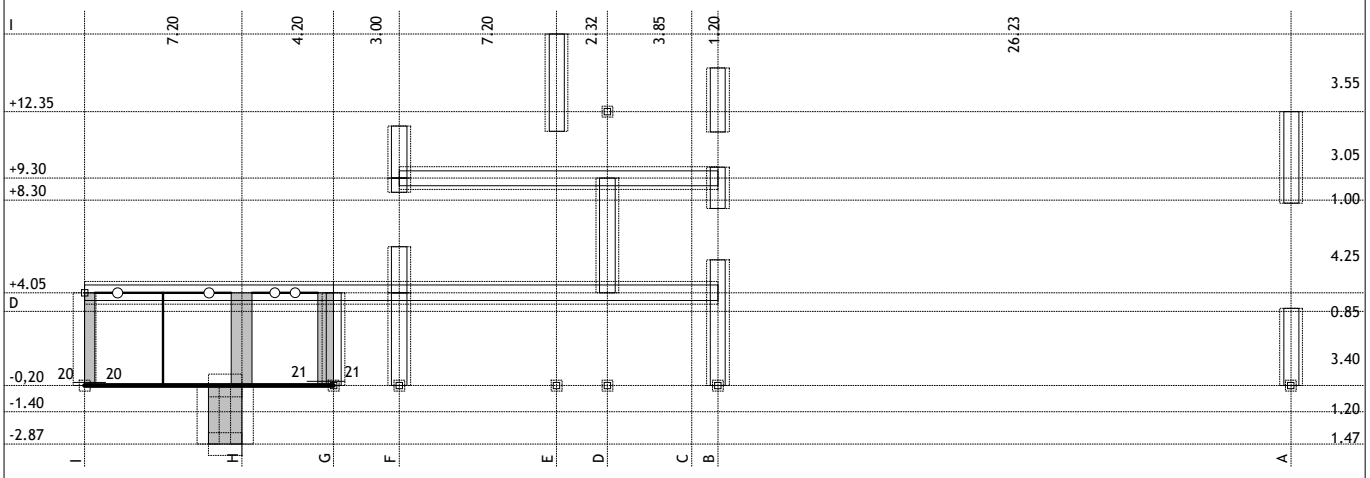
IV(39)	-8.4	-0.2	1.6
IV(40)	1.8	1.8	2.5
IV(41)	26.8	27.6	37.8
IV(42)	-166.8	-60.2	-59.6
IV(43)	-52.2	14.8	34.1
IV(44)	16.2	4.8	4.2
IV(45)	5.6	2.3	2.4
IV(46)	-1.2	1.6	2.8
IV(47)	-11.0	0.4	3.7
IV(48)	-1.1	0.1	0.5
IV(49)	4.3	-0.1	-0.7
IV(50)	-0.9	0.2	0.5
IV(51)	-1.6	-2.8	-3.7
IV(52)	-0.3	-0.8	-1.2
IV(53)	7.6	3.0	2.1
IV(54)	-1.9	1.8	4.3
IV(55)	15.5	18.0	26.8
IV(56)	-0.8	0.2	0.5
IV(57)	-24.0	-3.8	-1.9
IV(58)	0.2	-0.1	-0.3
IV(59)	-8.1	-1.6	0.0
IV(60)	-3.9	-1.1	-0.6
IV(61)	11.4	2.4	2.1
IV(62)	-0.4	-0.6	-1.1
IV(63)	3.2	0.7	0.4
IV(64)	-0.9	0.2	0.5
IV(65)	-11.9	-2.5	1.7
IV(66)	-11.9	-2.6	2.8
IV(67)	-0.0	-0.0	0.0
IV(68)	3.7	0.8	2.5
IV(69)	-4.1	-0.9	-0.5
IV(70)	0.2	0.1	-0.0
IV(71)	-13.6	-4.2	-2.2
IV(72)	2.8	1.0	-0.2
IV(73)	-0.1	-0.0	-0.0
IV(74)	-15.5	-8.1	-6.1
IV(75)	-0.2	-0.2	-0.3
IV(76)	0.0	-0.0	-0.0
IV(77)	-0.0	-0.0	-0.0
IV(78)	0.0	0.0	0.0
IV(79)	1.9	-0.0	-1.0
IV(80)	-1.0	0.3	-0.0
IV(81)	10.5	1.6	0.8
IV(82)	-4.3	-1.9	-1.6
IV(83)	6.2	2.2	1.6
IV(84)	0.0	0.0	-0.1
IV(85)	-0.0	-0.0	-0.0
IV(86)	-0.6	-0.7	-0.4
IV(87)	3.3	0.7	0.5
IV(88)	-0.1	-0.2	-0.1
IV(89)	-0.8	-0.3	-0.3
IV(90)	-1.0	-0.7	-0.8
IV(91)	1.1	0.6	0.6
IV(92)	-2.6	-1.3	-1.3
IV(93)	-0.5	-0.5	-0.5
IV(94)	-3.1	-2.0	-2.0
IV(95)	-0.1	-0.0	-0.0
IV(96)	0.8	0.4	0.4
IV(97)	-0.6	-0.4	-0.3
IV(98)	0.4	0.2	0.2
IV(99)	-0.0	-0.0	-0.0
IV(100)	-0.1	0.0	0.1

Merodajna kombinacija za upogib:
I+0.30xII-0.30xIII(13)-1.00xIV(13)
Merodajna kombinacija za strig:
I+0.30xII+0.30xIII(1)+IV(13)
Mu = 76.06 kNm
Nu = 1.03 kN
Tu = -98.50 kN

εb/εa = -1.236/25.000 ‰

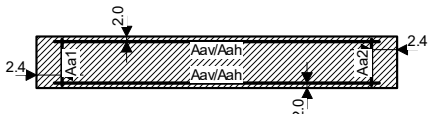
Aa1 =	0.00 cm2	(min:4.78)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:4.78)	(osv:4Ø16)
Aav =	±1.25 cm2/m	(min:±1.88)	
Aah =	±0.98 cm2/m	(min:±2.50)	(osv:±Q-335)

Dimenzioniranje (beton)



Okvir: os 1a
Dispozicija prerezov

Prerez 20 - 20
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/47.5 cm Ab = 1187.5 cm2

No	N [kN]	T [kN]	M [kNm]
I	-17.3	17.0	4.1
II	1.0	3.5	0.9
III(1)	-0.3	-0.1	-0.0
III(2)	0.1	0.0	0.0
III(3)	0.0	0.0	0.0
III(4)	0.0	-0.0	-0.0
III(5)	0.0	-0.0	-0.0
III(6)	-0.0	0.0	0.0
III(7)	-0.1	-0.0	0.0
III(8)	0.0	-0.0	-0.0
III(9)	0.0	0.0	-0.0
III(10)	-0.0	-0.0	-0.0
III(11)	-0.0	-0.0	-0.0
III(12)	-0.0	0.0	0.0
III(13)	0.1	-0.0	-0.0
III(14)	-0.0	-0.0	-0.0
III(15)	0.1	0.1	0.0
III(16)	0.0	-0.0	-0.0
III(17)	-0.6	0.2	0.1
III(18)	-0.3	0.1	0.1
III(19)	-0.3	-0.1	-0.0
III(20)	-0.0	-0.0	-0.0
III(21)	0.1	0.0	0.0
III(22)	0.1	0.1	0.0
III(23)	0.1	0.0	0.0
III(24)	-0.9	-0.6	-0.2
III(25)	0.1	-0.0	-0.0
III(26)	-0.0	-0.0	-0.0
III(27)	-0.0	-0.0	-0.0
III(28)	-0.1	0.0	0.0
III(29)	8.9	-0.7	-0.4
III(30)	-0.5	-0.1	-0.0
III(31)	-1.5	-0.4	-0.1
III(32)	-4.7	-2.0	-0.7
III(33)	5.5	-2.1	-0.9
III(34)	5.8	1.4	0.4
III(35)	8.3	0.9	0.2
III(36)	0.5	-0.1	-0.1
III(37)	0.0	-0.0	-0.0
III(38)	2.1	1.0	0.3
III(39)	0.1	0.1	0.0
III(40)	1.2	0.1	0.0
III(41)	2.9	1.2	0.4
III(42)	-0.4	-0.7	-0.3
III(43)	-1.4	-1.0	-0.4
III(44)	1.9	-0.1	-0.1
III(45)	-0.1	0.1	0.0
III(46)	4.4	0.2	-0.0
III(47)	-0.1	0.0	0.0
III(48)	-0.0	-0.1	-0.0
III(49)	2.9	-0.1	-0.1
III(50)	5.0	0.5	0.1
III(51)	-1.5	0.5	0.2
III(52)	0.2	0.4	0.1
III(53)	-1.3	-0.3	-0.1
III(54)	-0.2	-0.3	-0.1
III(55)	1.1	0.3	0.1
III(56)	-0.0	0.0	0.0
III(57)	-0.0	-0.1	-0.0
III(58)	0.3	0.2	0.1
III(59)	-0.2	0.0	0.0
III(60)	0.1	-0.0	-0.0
III(61)	-0.0	0.1	0.0
III(62)	-0.0	-0.0	-0.0
III(63)	-0.0	0.0	0.0
III(64)	-0.3	-0.2	-0.1
III(65)	0.1	0.0	0.0
III(66)	0.0	0.0	0.0
III(67)	0.0	-0.0	-0.0
III(68)	0.1	-0.1	-0.1
III(69)	-0.2	0.1	0.1
III(70)	-0.0	-0.0	-0.0
III(71)	-0.1	-0.1	-0.0
III(72)	0.1	0.1	0.1
III(73)	-0.0	-0.0	-0.0
III(74)	0.3	-0.3	-0.1
III(75)	-0.1	-0.1	-0.0
III(76)	-0.0	-0.0	0.0
III(77)	-0.0	-0.0	-0.0
III(78)	0.0	0.0	0.0
III(79)	0.2	0.4	0.2
III(80)	0.1	0.2	0.1
III(81)	-0.0	-0.1	-0.0
III(82)	-0.0	0.0	0.0
III(83)	-0.0	-0.0	-0.0
III(84)	-0.6	-0.7	-0.3
III(85)	-0.0	-0.0	-0.0
III(86)	-0.0	-0.0	-0.0
III(87)	0.4	0.3	0.1
III(88)	0.0	-0.0	-0.0
III(89)	0.0	0.0	0.0
III(90)	-0.0	-0.0	-0.0
III(91)	-0.1	-0.0	-0.0
III(92)	-0.0	-0.0	-0.0
III(93)	0.1	-0.0	-0.0
III(94)	0.4	0.4	0.2
III(95)	-0.1	-0.2	-0.1
III(96)	-0.7	-0.8	-0.3
III(97)	-0.1	-0.2	-0.1
III(98)	0.0	-0.0	-0.0
III(99)	0.0	0.0	0.0
III(100)	-0.0	-0.0	-0.0
IV(1)	0.0	0.0	0.0
IV(2)	-0.0	-0.0	-0.0
IV(3)	-0.0	-0.0	-0.0
IV(4)	0.0	-0.0	-0.0
IV(5)	0.4	-0.3	-0.1
IV(6)	0.0	-1.1	-0.4
IV(7)	1.1	0.0	-0.0
IV(8)	0.0	-0.0	-0.0
IV(9)	0.0	0.0	-0.0
IV(10)	-0.0	-0.0	-0.0
IV(11)	-0.2	-0.1	-0.0
IV(12)	0.0	-0.0	-0.0
IV(13)	2.1	-0.5	-0.2
IV(14)	-0.3	-0.6	-0.2

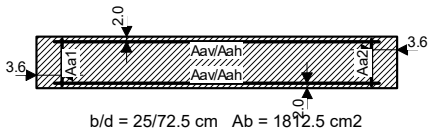
Dimenzioniranje (beton)

IV(15)	-0.4	-0.4	-0.1
IV(16)	0.2	-0.0	-0.0
IV(17)	18.0	-6.8	-3.0
IV(18)	0.4	-0.2	-0.1
IV(19)	-2.1	-1.0	-0.3
IV(20)	-0.0	-0.0	-0.0
IV(21)	-0.2	-0.1	-0.0
IV(22)	-0.5	-0.5	-0.2
IV(23)	-4.9	-2.7	-1.0
IV(24)	-0.5	-0.3	-0.1
IV(25)	-0.1	0.0	0.0
IV(26)	-0.0	-0.0	-0.0
IV(27)	-0.0	-0.1	-0.0
IV(28)	0.2	-0.0	-0.0
IV(29)	0.3	-0.0	-0.0
IV(30)	-0.3	-0.1	-0.0
IV(31)	0.4	0.1	0.0
IV(32)	-0.5	-0.2	-0.1
IV(33)	1.4	-0.5	-0.2
IV(34)	-2.1	-0.5	-0.2
IV(35)	-0.6	-0.1	-0.0
IV(36)	0.3	-0.1	-0.0
IV(37)	0.0	-0.0	-0.0
IV(38)	-3.4	-1.5	-0.5
IV(39)	-0.3	-0.3	-0.1
IV(40)	-0.8	-0.1	-0.0
IV(41)	-2.3	-1.0	-0.3
IV(42)	-0.5	-1.0	-0.4
IV(43)	-4.1	-3.0	-1.1
IV(44)	0.9	-0.1	-0.0
IV(45)	0.1	-0.1	-0.0
IV(46)	0.6	0.0	-0.0
IV(47)	0.2	-0.1	-0.0
IV(48)	0.0	0.0	0.0
IV(49)	1.6	-0.1	-0.1
IV(50)	-0.9	-0.1	-0.0
IV(51)	0.5	-0.2	-0.1
IV(52)	-0.1	-0.1	-0.0
IV(53)	0.3	0.1	0.0
IV(54)	0.1	0.1	0.0
IV(55)	-2.2	-0.6	-0.2
IV(56)	-0.0	0.0	0.0
IV(57)	-0.1	-0.3	-0.1
IV(58)	-0.1	-0.1	-0.0
IV(59)	-0.6	0.1	0.1
IV(60)	-0.4	0.0	0.0
IV(61)	0.0	-0.9	-0.3
IV(62)	-0.0	-0.0	-0.0
IV(63)	0.1	-0.0	-0.0
IV(64)	-0.1	-0.1	-0.0
IV(65)	-0.6	-0.1	-0.0
IV(66)	0.3	0.1	0.0
IV(67)	-0.0	0.0	0.0
IV(68)	0.5	-0.9	-0.4
IV(69)	-0.1	0.1	0.0
IV(70)	-0.0	-0.0	-0.0
IV(71)	-0.9	-0.9	-0.3
IV(72)	-0.4	-0.4	-0.1
IV(73)	-0.0	-0.0	-0.0
IV(74)	0.3	-0.3	-0.1
IV(75)	0.1	0.1	0.0
IV(76)	0.0	0.0	-0.0
IV(77)	0.0	0.0	0.0
IV(78)	-0.0	-0.0	-0.0
IV(79)	-0.1	-0.2	-0.1
IV(80)	-0.9	-3.4	-1.3
IV(81)	0.4	0.7	0.2
IV(82)	0.0	-0.0	-0.0
IV(83)	-0.1	-0.1	-0.0
IV(84)	0.4	0.4	0.1
IV(85)	0.0	0.0	0.0
IV(86)	-0.1	-0.1	-0.0
IV(87)	-1.5	-1.1	-0.4
IV(88)	-0.1	0.1	0.0
IV(89)	-0.2	-0.2	-0.1
IV(90)	-0.1	-0.1	-0.0
IV(91)	-0.2	-0.1	-0.0
IV(92)	0.1	0.0	0.0
IV(93)	-0.1	0.0	0.0
IV(94)	-0.5	-0.5	-0.2
IV(95)	0.1	0.2	0.1
IV(96)	-0.4	-0.4	-0.2
IV(97)	-0.2	-0.4	-0.1
IV(98)	0.0	-0.1	-0.0
IV(99)	-0.0	-0.0	-0.0
IV(100)	-0.3	-0.1	-0.0

Merodajna kombinacija za upogib: 1.35xI+1.50xII
Merodajna kombinacija za strig: 1.35xI+1.50xII
Mu = 6.86 kNm
Nu = -21.99 kN
Tu = 28.21 kN

εb/εa = -0.976/25.000 ‰
Aa1 = 0.00 cm2 (min:1.78) (osv:4Ø16)
Aa2 = 0.00 cm2 (min:1.78) (osv:4Ø16)
Aav = ±0.21 cm2/m (min:±1.88)
Aah = ±0.75 cm2/m (min:±2.50) (osv:±Q-335)

Prerez 21 - 21
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/72.5 cm Ab = 1812.5 cm2

No	N [kN]	T [kN]	M [kNm]
I	-28.5	-12.6	-3.9
II	1.5	-4.5	-1.4
III(1)	0.5	-0.1	-0.1
III(2)	-0.1	0.0	0.0
III(3)	-0.0	0.0	0.0
III(4)	0.0	-0.0	-0.0
III(5)	0.0	-0.0	-0.0
III(6)	-0.0	0.0	0.0
III(7)	0.0	-0.0	-0.0
III(8)	0.1	-0.0	-0.0
III(9)	-0.0	0.0	0.0
III(10)	0.0	-0.0	-0.0
III(11)	-0.0	0.0	0.0
III(12)	-0.0	0.0	0.0
III(13)	0.1	-0.0	-0.0
III(14)	0.0	-0.0	-0.0
III(15)	-0.2	0.1	0.1
III(16)	0.0	-0.0	-0.0
III(17)	-1.0	0.4	0.3
III(18)	-0.5	0.2	0.2
III(19)	0.6	-0.2	-0.2
III(20)	0.0	-0.0	-0.0
III(21)	-0.1	0.1	0.0
III(22)	-0.5	0.2	0.2
III(23)	-0.2	0.1	0.1
III(24)	3.0	-1.1	-0.9
III(25)	0.2	-0.0	0.0
III(26)	0.1	-0.0	-0.0
III(27)	0.2	-0.1	-0.1
III(28)	-0.0	0.0	0.0
III(29)	12.6	-1.5	-0.2
III(30)	0.6	-0.2	-0.2
III(31)	2.5	-0.8	-0.6
III(32)	10.6	-3.7	-2.9
III(33)	17.5	-4.1	-2.5
III(34)	-2.9	2.4	2.2
III(35)	1.2	1.4	1.7
III(36)	1.0	-0.2	-0.1
III(37)	0.2	-0.1	-0.0
III(38)	-3.8	1.7	1.5
III(39)	-0.4	0.2	0.2
III(40)	0.1	0.2	0.2
III(41)	-5.3	2.3	1.9
III(42)	3.4	-1.3	-1.1
III(43)	5.3	-2.0	-1.6
III(44)	1.8	-0.4	-0.2
III(45)	-0.5	0.1	0.1
III(46)	2.5	0.3	0.6
III(47)	-0.1	0.0	0.0
III(48)	0.3	-0.1	-0.1
III(49)	1.7	-0.2	-0.0
III(50)	0.2	0.9	1.0
III(51)	-2.7	0.9	0.7
III(52)	-1.5	0.6	0.5
III(53)	1.8	-0.5	-0.4
III(54)	0.8	-0.5	-0.4
III(55)	-0.2	0.5	0.5
III(56)	-0.3	0.1	0.1
III(57)	0.6	-0.2	-0.1
III(58)	-0.6	0.3	0.2
III(59)	-0.5	0.1	0.1
III(60)	0.2	-0.0	-0.0
III(61)	-0.3	0.1	0.1
III(62)	0.1	-0.0	-0.0
III(63)	-0.0	0.0	0.0
III(64)	0.7	-0.3	-0.2
III(65)	-0.0	0.0	0.0
III(66)	-0.1	0.0	0.0
III(67)	0.1	-0.0	-0.0
III(68)	0.7	-0.2	-0.2
III(69)	-0.9	0.2	0.2
III(70)	0.0	-0.0	-0.0
III(71)	0.4	-0.2	-0.2
III(72)	-0.5	0.2	0.2
III(73)	-0.0	-0.0	-0.0
III(74)	1.2	-0.4	-0.3
III(75)	0.3	-0.1	-0.1
III(76)	0.0	-0.0	-0.0
III(77)	0.0	-0.0	-0.0
III(78)	-0.0	0.0	0.0

Dimenzioniranje (beton)

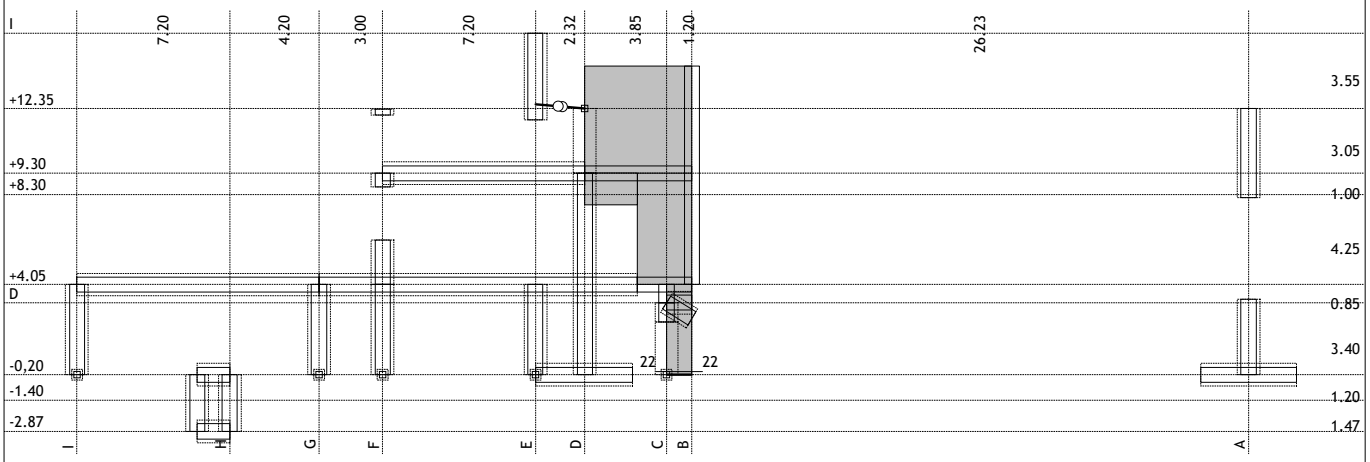
III(79)	-1.7	0.7	0.6
III(80)	-0.8	0.4	0.3
III(81)	0.2	-0.1	-0.1
III(82)	-0.0	0.0	-0.0
III(83)	0.0	-0.0	-0.0
III(84)	2.6	-1.0	-0.9
III(85)	0.0	-0.0	-0.0
III(86)	0.2	-0.0	-0.0
III(87)	-1.1	0.5	0.4
III(88)	0.0	-0.0	-0.0
III(89)	-0.0	0.0	0.0
III(90)	0.1	-0.0	-0.0
III(91)	0.1	-0.1	-0.1
III(92)	0.0	-0.0	-0.0
III(93)	0.2	-0.1	-0.0
III(94)	-1.5	0.6	0.5
III(95)	0.8	-0.3	-0.3
III(96)	3.0	-1.2	-1.0
III(97)	0.7	-0.3	-0.2
III(98)	0.1	-0.1	-0.0
III(99)	-0.0	0.0	0.0
III(100)	0.0	-0.0	-0.0
IV(1)	-0.0	0.0	0.0
IV(2)	0.0	-0.0	-0.0
IV(3)	0.0	-0.0	-0.0
IV(4)	0.0	-0.0	-0.0
IV(5)	1.5	-0.6	-0.5
IV(6)	5.4	-2.0	-1.6
IV(7)	-0.2	0.1	0.0
IV(8)	0.0	-0.0	-0.0
IV(9)	-0.0	0.0	0.0
IV(10)	0.1	-0.0	-0.0
IV(11)	-0.7	0.5	0.2
IV(12)	0.0	-0.0	-0.0
IV(13)	2.2	-0.8	-0.6
IV(14)	3.0	-1.1	-0.9
IV(15)	2.0	-0.8	-0.6
IV(16)	0.1	-0.1	-0.1
IV(17)	29.6	-11.7	-9.5
IV(18)	0.7	-0.3	-0.2
IV(19)	4.7	-1.9	-1.6
IV(20)	0.0	-0.0	-0.0
IV(21)	0.4	-0.2	-0.1
IV(22)	2.1	-0.8	-0.7
IV(23)	13.0	-5.3	-4.3
IV(24)	1.6	-0.6	-0.5
IV(25)	-0.4	0.0	-0.0
IV(26)	0.0	-0.0	-0.0
IV(27)	0.6	-0.2	-0.2
IV(28)	0.1	-0.0	-0.0
IV(29)	0.5	-0.1	-0.0
IV(30)	0.4	-0.2	-0.1
IV(31)	-0.6	0.2	0.1
IV(32)	1.1	-0.4	-0.3
IV(33)	4.4	-1.0	-0.6
IV(34)	1.1	-0.9	-0.8
IV(35)	-0.1	-0.1	-0.1
IV(36)	0.5	-0.1	-0.1
IV(37)	0.3	-0.1	-0.1
IV(38)	5.9	-2.7	-2.3
IV(39)	1.1	-0.5	-0.4
IV(40)	-0.1	-0.1	-0.1
IV(41)	4.2	-1.8	-1.5
IV(42)	4.7	-1.9	-1.5
IV(43)	15.1	-5.6	-4.5
IV(44)	0.8	-0.2	-0.1
IV(45)	0.6	-0.2	-0.1
IV(46)	0.4	0.0	0.1
IV(47)	0.5	-0.1	-0.1
IV(48)	-0.1	0.0	0.0
IV(49)	0.9	-0.1	-0.0
IV(50)	-0.0	-0.2	-0.2
IV(51)	0.9	-0.3	-0.2
IV(52)	0.4	-0.2	-0.1
IV(53)	-0.5	0.1	0.1
IV(54)	-0.2	0.1	0.1
IV(55)	0.4	-1.0	-1.0
IV(56)	-0.2	0.1	0.1
IV(57)	2.1	-0.5	-0.3
IV(58)	0.2	-0.1	-0.1
IV(59)	-1.2	0.2	0.1
IV(60)	-0.6	0.1	0.0
IV(61)	3.2	-1.4	-1.2
IV(62)	0.1	-0.0	-0.0
IV(63)	0.2	-0.1	-0.1
IV(64)	0.3	-0.1	-0.1
IV(65)	0.1	-0.2	-0.2
IV(66)	-0.5	0.2	0.2
IV(67)	-0.0	0.0	0.0
IV(68)	4.2	-1.5	-1.2
IV(69)	-0.6	0.2	0.1
IV(70)	0.0	-0.0	-0.0
IV(71)	2.8	-1.4	-1.2
IV(72)	1.2	-0.6	-0.5
IV(73)	-0.0	-0.0	-0.0
IV(74)	1.5	-0.5	-0.4
IV(75)	-0.3	0.1	0.1
IV(76)	-0.0	0.0	0.0
IV(77)	-0.0	0.0	0.0
IV(78)	0.0	-0.0	-0.0
IV(79)	0.8	-0.3	-0.3
IV(80)	11.4	-5.0	-4.3
IV(81)	-2.6	1.0	0.8
IV(82)	0.1	-0.0	0.0
IV(83)	0.6	-0.2	-0.1
IV(84)	-1.4	0.6	0.5
IV(85)	-0.0	0.0	0.0
IV(86)	0.7	-0.2	-0.1
IV(87)	3.7	-1.7	-1.5
IV(88)	-0.6	0.2	0.1
IV(89)	0.5	-0.2	-0.2
IV(90)	0.5	-0.1	-0.1
IV(91)	0.4	-0.2	-0.2
IV(92)	-0.0	0.0	0.0
IV(93)	-0.2	0.0	0.0
IV(94)	1.7	-0.7	-0.6
IV(95)	-0.6	0.2	0.2
IV(96)	1.6	-0.6	-0.5
IV(97)	1.5	-0.5	-0.5
IV(98)	0.2	-0.1	-0.1
IV(99)	0.0	-0.0	-0.0
IV(100)	0.3	-0.1	-0.1

Merodajna kombinacija za upogib:
I+0.30xII-0.30xIII(17)+IV(17)
Merodajna kombinacija za strig:
I+0.30xII-0.30xIII(17)+IV(17)
Mu = -13.86 kNm
Nu = 1.85 kN
Tu = -25.79 kN

εb/εa = -0.890/25.000 ‰

Aa1 =	0.00 cm2	(min:2.72)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:2.72)	(osv:4Ø16)
Aav =	±0.73 cm2/m	(min:±1.88)	
Aah =	±0.45 cm2/m	(min:±2.50)	(osv:±Q-335)

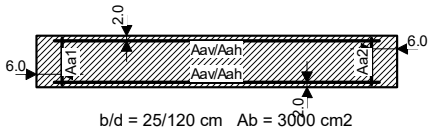
Dimenzioniranje (beton)



Okvir: V_4
Dispozicija prerezov

Okvir: V_4

Prerez 22 - 22
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/120 cm Ab = 3000 cm2

No	N [kN]	T [kN]	M [kNm]
I	-70.5	37.6	-40.8
II	-17.4	7.8	-7.6
III(1)	-32.2	9.7	-15.1
III(2)	4.8	-1.4	2.2
III(3)	-0.2	0.1	-0.1
III(4)	0.0	-0.0	0.0
III(5)	0.1	-0.1	0.0
III(6)	0.0	-0.0	0.0
III(7)	-0.1	0.0	-0.1
III(8)	-4.9	1.5	-2.3
III(9)	0.3	-0.1	0.2
III(10)	-0.0	0.0	-0.0
III(11)	-0.0	0.0	0.0
III(12)	0.0	-0.0	0.0
III(13)	-0.0	-0.0	-0.0
III(14)	-0.0	0.0	-0.0
III(15)	0.3	-0.1	0.1
III(16)	0.0	-0.0	0.0
III(17)	-0.2	0.1	-0.1
III(18)	1.5	-0.5	0.7
III(19)	-0.6	0.2	-0.2
III(20)	0.6	-0.1	0.3
III(21)	-0.7	0.2	-0.3
III(22)	4.6	-1.9	1.9
III(23)	-0.1	0.0	-0.1
III(24)	-2.7	0.9	-1.2
III(25)	-0.9	0.4	-0.4
III(26)	-0.3	0.2	-0.1
III(27)	-0.4	0.3	-0.1
III(28)	-0.5	0.2	-0.2
III(29)	-12.1	4.7	-5.6
III(30)	1.6	-0.4	0.7
III(31)	-7.2	3.0	-3.3
III(32)	-6.2	0.8	-3.5
III(33)	-34.5	12.5	-16.4
III(34)	-9.7	8.0	-3.5
III(35)	-22.1	12.2	-9.3
III(36)	1.0	-0.9	0.3
III(37)	0.6	-0.3	0.3
III(38)	-8.0	6.2	-2.9
III(39)	1.1	0.1	0.6
III(40)	6.9	-3.3	3.0
III(41)	2.4	3.2	2.2
III(42)	13.1	-9.4	4.8
III(43)	6.8	-6.6	1.7
III(44)	9.2	-7.0	3.2
III(45)	2.8	-1.8	1.0
III(46)	-9.2	6.0	-3.2
III(47)	0.9	-0.3	0.4
III(48)	-1.1	1.5	-0.3
III(49)	40.5	-6.6	19.5
III(50)	66.3	-16.1	30.8
III(51)	32.6	-4.7	15.9
III(52)	20.7	-5.4	9.6
III(53)	41.5	12.7	24.2
III(54)	0.9	4.2	1.3
III(55)	-2.6	-1.4	-1.6
III(56)	0.8	-0.0	0.4
III(57)	-0.5	-0.4	-0.4
III(58)	5.4	-2.5	2.2
III(59)	0.7	-0.7	0.2
III(60)	-0.3	0.1	-0.1
III(61)	0.1	-0.1	0.1
III(62)	-0.8	0.2	-0.4
III(63)	0.3	-0.1	0.2
III(64)	-18.1	3.4	-8.8
III(65)	-0.1	-0.1	-0.1
III(66)	-0.7	0.1	-0.4
III(67)	-0.2	0.0	-0.1
III(68)	0.3	0.0	0.1
III(69)	0.6	-0.7	0.1
III(70)	-0.1	0.0	-0.1
III(71)	0.6	-0.1	0.3
III(72)	-1.1	0.1	-0.5
III(73)	0.0	-0.0	0.0
III(74)	1.1	-0.2	0.6
III(75)	-0.9	0.3	-0.4
III(76)	-0.0	0.0	-0.0
III(77)	-0.1	0.0	-0.0
III(78)	0.1	-0.0	0.0
III(79)	4.0	-1.8	1.8
III(80)	-0.1	-0.0	-0.1
III(81)	0.1	-0.0	0.0
III(82)	-0.1	0.0	-0.0
III(83)	0.0	-0.0	0.0
III(84)	0.9	-0.2	0.4
III(85)	0.0	-0.0	0.0
III(86)	0.2	-0.0	0.1
III(87)	-0.3	-0.0	-0.2
III(88)	-0.0	-0.0	-0.0
III(89)	-0.1	0.0	-0.0
III(90)	0.3	-0.1	0.1
III(91)	0.3	-0.1	0.2
III(92)	0.3	-0.1	0.1
III(93)	1.2	-0.5	0.5
III(94)	-3.1	2.1	-1.1
III(95)	-0.4	0.2	-0.1
III(96)	-0.4	0.3	-0.1
III(97)	-0.2	0.1	-0.1
III(98)	-0.0	0.0	0.0
III(99)	-0.0	0.0	-0.0
III(100)	-0.0	0.0	-0.0
IV(1)	0.0	-0.0	0.0
IV(2)	-0.0	0.0	-0.0
IV(3)	0.2	-0.1	0.1
IV(4)	0.4	-0.1	0.2
IV(5)	2.2	-3.0	0.5
IV(6)	-6.1	2.6	-2.6
IV(7)	1.8	-0.8	0.8
IV(8)	-0.1	0.0	-0.1
IV(9)	0.1	-0.0	0.0
IV(10)	-0.2	0.1	-0.1
IV(11)	-0.1	0.2	0.0
IV(12)	-0.1	0.1	-0.1

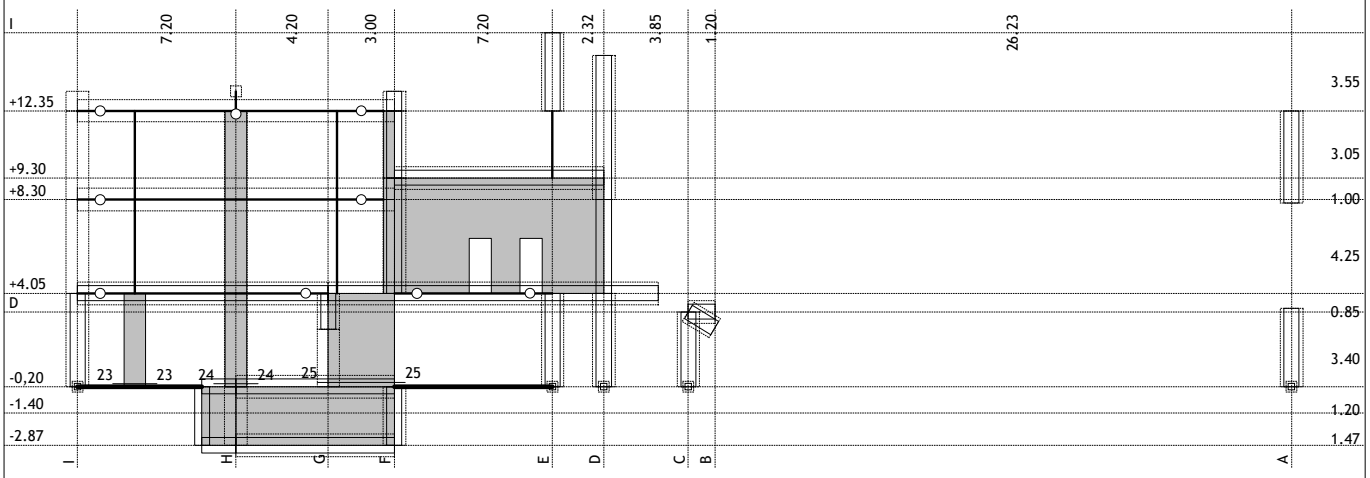
Dimenzioniranje (beton)

IV(13)	-0.6	-0.1	-0.3
IV(14)	-1.6	0.7	-0.7
IV(15)	-2.2	1.0	-0.9
IV(16)	0.2	-0.1	0.1
IV(17)	6.5	-3.0	3.2
IV(18)	-2.0	0.6	-0.9
IV(19)	-4.4	1.8	-1.9
IV(20)	0.0	-0.0	0.0
IV(21)	2.0	-0.7	0.9
IV(22)	-20.7	8.7	-8.7
IV(23)	11.3	-3.6	5.4
IV(24)	-1.4	0.5	-0.7
IV(25)	2.1	-0.8	1.0
IV(26)	-0.1	0.1	-0.1
IV(27)	-0.8	0.7	-0.3
IV(28)	1.9	-0.6	0.9
IV(29)	-0.5	0.2	-0.2
IV(30)	1.0	-0.3	0.5
IV(31)	1.8	-0.7	0.8
IV(32)	-0.6	0.1	-0.4
IV(33)	-8.6	3.1	-4.1
IV(34)	3.6	-3.0	1.3
IV(35)	1.7	-0.9	0.7
IV(36)	0.5	-0.5	0.2
IV(37)	0.7	-0.3	0.3
IV(38)	12.5	-9.7	4.5
IV(39)	-3.1	-0.3	-1.8
IV(40)	-4.4	2.1	-1.9
IV(41)	-1.9	-2.6	-1.7
IV(42)	18.4	-13.3	6.7
IV(43)	19.3	-18.7	4.9
IV(44)	4.2	-3.2	1.5
IV(45)	-3.5	2.3	-1.3
IV(46)	-1.3	0.9	-0.5
IV(47)	-2.8	1.1	-1.2
IV(48)	0.3	-0.4	0.1
IV(49)	22.0	-3.6	10.6
IV(50)	-12.3	3.0	-5.7
IV(51)	-11.3	1.6	-5.5
IV(52)	-5.5	1.4	-2.6
IV(53)	-10.6	-3.2	-6.2
IV(54)	-0.3	-1.3	-0.4
IV(55)	5.2	2.8	3.1
IV(56)	0.7	-0.0	0.4
IV(57)	-1.8	-1.2	-1.3
IV(58)	-1.9	0.9	-0.8
IV(59)	1.6	-1.7	0.5
IV(60)	0.9	-0.3	0.4
IV(61)	-1.7	0.6	-0.7
IV(62)	-0.8	0.1	-0.4
IV(63)	-3.8	0.8	-1.8
IV(64)	-9.0	1.7	-4.4
IV(65)	1.0	0.5	0.7
IV(66)	-6.5	0.8	-3.2
IV(67)	0.0	-0.0	0.0
IV(68)	1.6	0.2	0.9
IV(69)	0.4	-0.5	0.1
IV(70)	-0.1	0.0	-0.0
IV(71)	4.3	-0.5	2.2
IV(72)	2.7	-0.3	1.4
IV(73)	0.1	-0.0	0.0
IV(74)	1.4	-0.2	0.7
IV(75)	0.8	-0.3	0.4
IV(76)	0.1	-0.0	0.0
IV(77)	0.1	-0.0	0.0
IV(78)	-0.0	0.0	-0.0
IV(79)	-1.9	0.9	-0.8
IV(80)	2.1	0.4	1.2
IV(81)	-0.8	0.0	-0.4
IV(82)	0.5	-0.1	0.2
IV(83)	0.8	-0.4	0.3
IV(84)	-0.5	0.1	-0.2
IV(85)	-0.0	0.0	-0.0
IV(86)	0.8	-0.0	0.4
IV(87)	1.1	0.1	0.6
IV(88)	0.9	0.2	0.6
IV(89)	1.0	-0.4	0.4
IV(90)	1.1	-0.3	0.6
IV(91)	0.9	-0.1	0.4
IV(92)	-1.2	0.5	-0.5
IV(93)	-0.8	0.3	-0.4
IV(94)	3.6	-2.4	1.3
IV(95)	0.3	-0.2	0.1
IV(96)	-0.2	0.2	-0.1
IV(97)	-0.4	0.2	-0.1
IV(98)	-0.0	0.0	0.0
IV(99)	0.0	-0.0	0.0
IV(100)	-0.2	0.1	-0.1

Merodajna kombinacija za upogib:
I+0.30xII-1.00xIII(1)-0.30xIV(6)
Merodajna kombinacija za strig:
1.35xI+1.50xII
Mu = -27.17 kNm
Nu = -41.75 kN
Tu = 62.43 kN

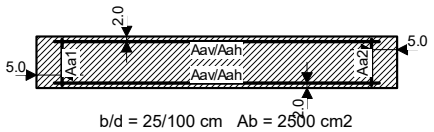
εb/εa = -0.748/25.000 ‰
Aa1 = 0.00 cm2 (min:4.50) (osv:4Ø16)
Aa2 = 0.00 cm2 (min:4.50) (osv:4Ø16)
Aav = ±0.05 cm2/m (min:±1.88)
Aah = ±0.66 cm2/m (min:±2.50) (osv:±Q-335)

Dimenzioniranje (beton)



Okvir: os 2a
Dispozicija prerezov

Prerez 23 - 23
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/100 cm Ab = 2500 cm2

No	N [kN]	T [kN]	M [kNm]
I	-421.4	19.6	19.4
II	-100.9	5.2	5.1
III(1)	0.0	0.1	0.1
III(2)	-0.0	-0.0	-0.0
III(3)	0.0	0.0	0.0
III(4)	0.0	-0.0	-0.0
III(5)	0.0	-0.0	-0.0
III(6)	-0.0	0.0	0.0
III(7)	-0.1	0.0	0.0
III(8)	0.1	0.0	0.0
III(9)	0.0	-0.0	-0.0
III(10)	-0.0	-0.0	-0.0
III(11)	-0.0	-0.0	-0.0
III(12)	-0.0	0.0	0.0
III(13)	0.0	-0.0	-0.0
III(14)	-0.0	-0.0	-0.0
III(15)	-0.0	0.0	0.0
III(16)	0.0	-0.0	-0.0
III(17)	-0.8	0.3	0.3
III(18)	-0.4	0.1	0.2
III(19)	-0.1	-0.1	-0.1
III(20)	-0.0	-0.0	-0.0
III(21)	0.0	0.0	0.0
III(22)	0.2	0.1	0.1
III(23)	0.0	0.0	0.0
III(24)	-0.3	-0.3	-0.4
III(25)	0.1	-0.0	-0.1
III(26)	0.0	-0.0	-0.0
III(27)	-0.0	-0.0	-0.1
III(28)	-0.1	0.0	0.0
III(29)	8.7	-0.5	-0.6
III(30)	-0.5	-0.2	-0.2
III(31)	-1.1	-0.3	-0.3
III(32)	-3.5	-1.7	-2.0
III(33)	7.6	-1.3	-1.5
III(34)	5.5	1.4	1.6
III(35)	9.0	1.3	1.5
III(36)	0.5	-0.1	-0.1
III(37)	0.0	-0.1	-0.1
III(38)	1.9	0.9	1.1
III(39)	-0.1	0.0	0.0
III(40)	0.9	-0.0	-0.0
III(41)	2.1	0.9	1.0
III(42)	-0.1	-0.5	-0.6
III(43)	-0.4	-0.6	-0.7
III(44)	2.5	0.1	0.1
III(45)	0.0	0.2	0.2
III(46)	3.5	-0.1	-0.2
III(47)	-0.1	0.0	0.0
III(48)	0.1	-0.0	-0.0
III(49)	2.1	-0.4	-0.5
III(50)	3.3	-0.2	-0.2
III(51)	-1.8	0.4	0.5
III(52)	-0.4	0.1	0.2
III(53)	-0.0	0.1	0.1
III(54)	0.3	-0.1	-0.1
III(55)	0.5	0.1	0.1
III(56)	-0.1	0.0	0.0
III(57)	-0.1	-0.1	-0.1
III(58)	0.0	0.1	0.1
III(59)	-0.4	0.0	0.0
III(60)	0.2	-0.0	-0.0
III(61)	0.0	0.1	0.1
III(62)	-0.0	-0.0	-0.0
III(63)	-0.0	0.0	0.0
III(64)	0.1	-0.1	-0.1
III(65)	0.0	-0.0	-0.0
III(66)	0.0	0.0	0.0
III(67)	0.0	-0.0	-0.0
III(68)	0.1	-0.1	-0.1
III(69)	-0.3	0.1	0.1
III(70)	-0.0	0.0	0.0
III(71)	0.0	-0.1	-0.1
III(72)	-0.0	0.1	0.1
III(73)	-0.0	-0.0	-0.0
III(74)	0.1	-0.3	-0.3
III(75)	-0.0	-0.0	-0.1
III(76)	-0.0	0.0	0.0
III(77)	-0.0	-0.0	-0.0
III(78)	0.0	0.0	0.0
III(79)	0.1	0.3	0.4
III(80)	0.0	0.2	0.2
III(81)	-0.0	-0.0	-0.0
III(82)	0.0	0.0	0.0
III(83)	-0.0	-0.0	-0.0
III(84)	-0.4	-0.5	-0.6
III(85)	-0.0	-0.0	-0.0
III(86)	-0.1	-0.0	-0.0
III(87)	0.1	0.2	0.2
III(88)	-0.0	-0.0	-0.0
III(89)	0.0	0.0	0.0
III(90)	-0.0	0.0	0.0
III(91)	-0.0	-0.0	-0.0
III(92)	-0.0	-0.0	-0.0
III(93)	0.1	0.0	0.0
III(94)	0.2	0.2	0.3
III(95)	-0.1	-0.1	-0.2
III(96)	-0.6	-0.3	-0.4
III(97)	-0.1	-0.1	-0.1
III(98)	-0.0	-0.0	-0.0
III(99)	0.0	0.0	0.0
III(100)	-0.0	-0.0	-0.0
IV(1)	-0.0	-0.0	-0.0
IV(2)	0.0	0.0	0.0
IV(3)	-0.0	-0.0	-0.0
IV(4)	0.0	-0.0	-0.0
IV(5)	0.2	-0.5	-0.6
IV(6)	0.8	-1.2	-1.4
IV(7)	1.2	-0.1	-0.1
IV(8)	0.0	0.0	0.0
IV(9)	0.0	-0.0	-0.0
IV(10)	-0.0	-0.0	-0.0
IV(11)	-0.2	-0.1	-0.1
IV(12)	0.0	-0.0	-0.0
IV(13)	2.0	-0.6	-0.8
IV(14)	-0.0	-0.6	-0.7

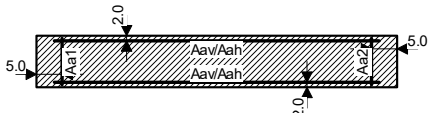
Dimenzioniranje (beton)

IV(15)	0.1	-0.3	-0.3
IV(16)	0.2	-0.1	-0.1
IV(17)	23.3	-8.3	-10.1
IV(18)	0.6	-0.2	-0.2
IV(19)	-0.9	-0.5	-0.6
IV(20)	-0.0	-0.0	-0.0
IV(21)	-0.1	-0.1	-0.1
IV(22)	-0.7	-0.5	-0.6
IV(23)	-2.0	-1.7	-2.0
IV(24)	-0.1	-0.2	-0.2
IV(25)	-0.2	0.1	0.1
IV(26)	0.0	-0.0	-0.0
IV(27)	-0.1	-0.1	-0.1
IV(28)	0.2	-0.0	-0.0
IV(29)	0.3	-0.0	-0.0
IV(30)	-0.3	-0.1	-0.1
IV(31)	0.3	0.1	0.1
IV(32)	-0.4	-0.2	-0.2
IV(33)	1.9	-0.3	-0.4
IV(34)	-2.0	-0.5	-0.6
IV(35)	-0.7	-0.1	-0.1
IV(36)	0.3	-0.1	-0.1
IV(37)	0.0	-0.1	-0.1
IV(38)	-3.0	-1.4	-1.7
IV(39)	0.2	-0.0	-0.1
IV(40)	-0.5	0.0	0.0
IV(41)	-1.7	-0.7	-0.8
IV(42)	-0.2	-0.7	-0.8
IV(43)	-1.2	-1.6	-1.9
IV(44)	1.2	0.1	0.1
IV(45)	-0.0	-0.2	-0.2
IV(46)	0.5	-0.0	-0.0
IV(47)	0.2	-0.1	-0.1
IV(48)	-0.0	0.0	0.0
IV(49)	1.1	-0.2	-0.3
IV(50)	-0.6	0.0	0.0
IV(51)	0.6	-0.1	-0.2
IV(52)	0.1	-0.0	-0.0
IV(53)	0.0	-0.0	-0.0
IV(54)	-0.1	0.0	0.0
IV(55)	-1.0	-0.2	-0.2
IV(56)	-0.1	0.0	0.0
IV(57)	-0.2	-0.2	-0.2
IV(58)	-0.0	-0.0	-0.0
IV(59)	-0.8	0.0	0.0
IV(60)	-0.5	0.0	0.0
IV(61)	-0.2	-0.9	-1.1
IV(62)	-0.0	-0.0	-0.0
IV(63)	0.0	-0.0	-0.0
IV(64)	0.0	-0.0	-0.0
IV(65)	-0.0	0.1	0.1
IV(66)	0.2	0.1	0.1
IV(67)	-0.0	0.0	0.0
IV(68)	0.7	-0.8	-0.9
IV(69)	-0.2	0.1	0.1
IV(70)	-0.0	0.0	0.0
IV(71)	0.2	-0.5	-0.6
IV(72)	0.0	-0.2	-0.3
IV(73)	-0.0	-0.0	-0.0
IV(74)	0.2	-0.3	-0.4
IV(75)	0.0	0.0	0.0
IV(76)	0.0	-0.0	-0.0
IV(77)	0.0	0.0	0.0
IV(78)	-0.0	-0.0	-0.0
IV(79)	-0.0	-0.2	-0.2
IV(80)	-0.2	-2.7	-3.3
IV(81)	0.2	0.5	0.6
IV(82)	-0.0	-0.0	-0.0
IV(83)	-0.2	-0.1	-0.1
IV(84)	0.2	0.3	0.3
IV(85)	0.0	0.0	0.0
IV(86)	-0.2	-0.1	-0.1
IV(87)	-0.5	-0.6	-0.8
IV(88)	0.2	0.2	0.2
IV(89)	-0.0	-0.1	-0.1
IV(90)	-0.0	0.1	0.1
IV(91)	-0.0	-0.0	-0.0
IV(92)	0.1	0.0	0.0
IV(93)	-0.1	-0.0	-0.0
IV(94)	-0.3	-0.2	-0.3
IV(95)	0.1	0.1	0.1
IV(96)	-0.3	-0.2	-0.2
IV(97)	-0.3	-0.2	-0.2
IV(98)	-0.0	-0.0	-0.0
IV(99)	-0.0	-0.0	-0.0
IV(100)	-0.2	-0.0	-0.0

Merodajna kombinacija za upogib: 1.35xI+1.50xII
Merodajna kombinacija za strig: 1.35xI+1.50xII

Mu =	33.81 kNm		
Nu =	-720.22 kN		
Tu =	34.17 kN		
Aa1 =	0.00 cm2	(min:3.75)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:3.75)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.43 cm2/m	(min:±2.50)	(osv:±Q-335)

Prerez 24 - 24
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/100 cm Ab = 2500 cm2

No	N [kN]	T [kN]	M [kNm]
I	-450.1	10.7	-3.8
II	-111.9	2.5	-0.9
III(1)	0.2	0.0	0.1
III(2)	0.0	-0.0	-0.0
III(3)	0.0	0.0	0.0
III(4)	0.0	-0.0	-0.0
III(5)	0.0	-0.0	-0.0
III(6)	-0.0	0.0	0.0
III(7)	-0.1	0.0	0.0
III(8)	0.2	0.0	0.0
III(9)	0.0	-0.0	-0.0
III(10)	-0.0	-0.0	-0.0
III(11)	-0.0	-0.0	-0.0
III(12)	-0.0	0.0	0.0
III(13)	0.1	-0.0	-0.0
III(14)	0.0	-0.0	-0.0
III(15)	-0.0	0.0	0.0
III(16)	0.0	-0.0	-0.0
III(17)	-1.5	0.2	0.2
III(18)	-0.9	0.1	0.1
III(19)	-0.2	-0.0	-0.0
III(20)	-0.0	-0.0	-0.0
III(21)	0.1	0.0	0.0
III(22)	0.3	0.0	0.1
III(23)	0.0	0.0	0.0
III(24)	-0.2	-0.2	-0.3
III(25)	0.3	-0.0	-0.0
III(26)	0.0	-0.0	-0.0
III(27)	-0.0	-0.0	-0.0
III(28)	-0.2	0.0	0.0
III(29)	28.3	-1.7	-0.2
III(30)	-1.0	-0.0	-0.1
III(31)	-1.8	-0.0	-0.2
III(32)	-5.3	-0.5	-1.1
III(33)	23.2	-1.8	-0.8
III(34)	13.5	-0.1	1.0
III(35)	22.5	-0.6	0.9
III(36)	1.6	-0.1	-0.1
III(37)	0.1	-0.0	-0.0
III(38)	3.9	0.2	0.6
III(39)	-0.1	0.0	0.0
III(40)	2.5	-0.1	-0.0
III(41)	3.8	0.2	0.6
III(42)	0.4	-0.3	-0.4
III(43)	-0.3	-0.3	-0.4
III(44)	5.9	-0.3	0.1
III(45)	-0.2	0.1	0.1
III(46)	10.7	-0.6	-0.0
III(47)	-0.2	0.0	0.0
III(48)	0.3	-0.0	-0.0
III(49)	5.7	-0.5	-0.3
III(50)	9.4	-0.5	0.0
III(51)	-4.3	0.4	0.3
III(52)	-0.6	0.1	0.1
III(53)	0.3	0.0	0.1
III(54)	0.1	-0.1	-0.1
III(55)	2.1	-0.1	0.1
III(56)	-0.2	0.0	0.0
III(57)	0.3	-0.0	-0.0
III(58)	0.1	0.0	0.1
III(59)	-1.0	0.1	0.0
III(60)	0.4	-0.0	-0.0
III(61)	-0.1	0.0	0.1
III(62)	-0.1	-0.0	-0.0
III(63)	-0.0	0.0	0.0
III(64)	0.2	-0.0	-0.0
III(65)	0.1	-0.0	-0.0
III(66)	0.0	0.0	0.0
III(67)	0.1	-0.0	-0.0
III(68)	0.5	-0.1	-0.1
III(69)	-1.2	0.1	0.1
III(70)	-0.0	0.0	0.0
III(71)	0.1	-0.0	-0.0
III(72)	-0.1	0.1	0.1
III(73)	-0.0	0.0	-0.0
III(74)	0.8	-0.2	-0.2
III(75)	-0.1	-0.0	-0.0
III(76)	-0.0	0.0	0.0
III(77)	-0.0	-0.0	-0.0
III(78)	0.0	0.0	0.0

Dimenzioniranje (beton)

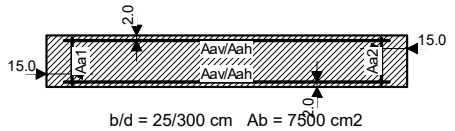
III(79)	-0.2	0.2	0.2
III(80)	-0.1	0.1	0.1
III(81)	0.0	-0.0	-0.0
III(82)	0.0	0.0	0.0
III(83)	-0.0	-0.0	-0.0
III(84)	-0.3	-0.2	-0.4
III(85)	0.0	-0.0	-0.0
III(86)	-0.1	-0.0	-0.0
III(87)	-0.0	0.1	0.1
III(88)	-0.0	-0.0	-0.0
III(89)	-0.0	0.0	0.0
III(90)	-0.0	0.0	0.0
III(91)	-0.0	-0.0	-0.0
III(92)	-0.0	-0.0	-0.0
III(93)	0.2	-0.0	0.0
III(94)	0.1	0.1	0.2
III(95)	-0.1	-0.1	-0.1
III(96)	-0.6	-0.2	-0.3
III(97)	0.1	-0.0	-0.1
III(98)	0.1	-0.0	-0.0
III(99)	0.0	0.0	0.0
III(100)	-0.0	-0.0	-0.0
IV(1)	-0.0	-0.0	-0.0
IV(2)	-0.0	0.0	0.0
IV(3)	-0.0	-0.0	-0.0
IV(4)	0.0	-0.0	-0.0
IV(5)	0.6	-0.3	-0.4
IV(6)	1.8	-0.7	-0.9
IV(7)	2.2	-0.2	-0.1
IV(8)	0.0	0.0	0.0
IV(9)	0.0	-0.0	-0.0
IV(10)	-0.0	-0.0	-0.0
IV(11)	-0.6	-0.0	-0.1
IV(12)	0.0	-0.0	-0.0
IV(13)	4.3	-0.6	-0.5
IV(14)	0.3	-0.3	-0.5
IV(15)	0.2	-0.2	-0.2
IV(16)	0.4	-0.1	-0.0
IV(17)	45.6	-6.7	-6.2
IV(18)	1.1	-0.1	-0.1
IV(19)	-1.6	-0.2	-0.4
IV(20)	-0.0	-0.0	-0.0
IV(21)	-0.2	-0.0	-0.0
IV(22)	-1.3	-0.2	-0.4
IV(23)	-3.4	-0.7	-1.3
IV(24)	-0.1	-0.1	-0.1
IV(25)	-0.6	0.1	0.1
IV(26)	0.0	-0.0	-0.0
IV(27)	-0.0	-0.1	-0.1
IV(28)	0.6	-0.0	-0.0
IV(29)	1.1	-0.1	-0.0
IV(30)	-0.6	-0.0	-0.1
IV(31)	0.4	0.0	0.0
IV(32)	-0.6	-0.0	-0.1
IV(33)	5.8	-0.5	-0.2
IV(34)	-5.0	0.0	-0.4
IV(35)	-1.7	0.0	-0.1
IV(36)	0.8	-0.1	-0.0
IV(37)	0.1	-0.0	-0.0
IV(38)	-6.1	-0.4	-1.0
IV(39)	0.2	-0.1	-0.1
IV(40)	-1.6	0.1	0.0
IV(41)	-3.1	-0.2	-0.5
IV(42)	0.6	-0.4	-0.5
IV(43)	-0.7	-0.8	-1.2
IV(44)	2.7	-0.1	0.0
IV(45)	0.3	-0.1	-0.1
IV(46)	1.5	-0.1	-0.0

IV(47)	0.7	-0.1	-0.0
IV(48)	-0.1	0.0	0.0
IV(49)	3.1	-0.3	-0.2
IV(50)	-1.7	0.1	-0.0
IV(51)	1.5	-0.2	-0.1
IV(52)	0.2	-0.0	-0.0
IV(53)	-0.1	-0.0	-0.0
IV(54)	-0.0	0.0	0.0
IV(55)	-4.2	0.1	-0.2
IV(56)	-0.2	0.0	0.0
IV(57)	1.1	-0.1	-0.1
IV(58)	-0.0	-0.0	-0.0
IV(59)	-2.3	0.1	0.0
IV(60)	-1.3	0.1	0.0
IV(61)	0.8	-0.5	-0.7
IV(62)	-0.1	-0.0	-0.0
IV(63)	0.1	-0.0	-0.0
IV(64)	0.1	-0.0	-0.0
IV(65)	-0.7	0.0	0.0
IV(66)	0.3	0.0	0.1
IV(67)	-0.0	0.0	0.0
IV(68)	3.2	-0.5	-0.5
IV(69)	-0.8	0.1	0.0
IV(70)	-0.0	0.0	0.0
IV(71)	0.7	-0.3	-0.4
IV(72)	0.3	-0.1	-0.2
IV(73)	-0.0	0.0	-0.0
IV(74)	0.9	-0.2	-0.2
IV(75)	0.0	0.0	0.0
IV(76)	0.0	-0.0	-0.0
IV(77)	0.0	0.0	0.0
IV(78)	-0.0	-0.0	-0.0
IV(79)	0.1	-0.1	-0.1
IV(80)	1.8	-1.5	-2.0
IV(81)	-0.2	0.3	0.4
IV(82)	-0.1	-0.0	-0.0
IV(83)	-0.3	-0.0	-0.1
IV(84)	0.2	0.1	0.2
IV(85)	-0.0	0.0	0.0
IV(86)	-0.3	-0.0	-0.1
IV(87)	0.1	-0.3	-0.5
IV(88)	0.1	0.1	0.1
IV(89)	0.0	-0.0	-0.1
IV(90)	-0.1	0.0	0.0
IV(91)	-0.1	-0.0	-0.0
IV(92)	0.1	0.0	0.0
IV(93)	-0.1	0.0	-0.0
IV(94)	-0.2	-0.1	-0.2
IV(95)	0.0	0.0	0.1
IV(96)	-0.3	-0.1	-0.1
IV(97)	0.1	-0.1	-0.1
IV(98)	0.1	-0.0	-0.0
IV(99)	-0.0	-0.0	-0.0
IV(100)	-0.2	-0.0	-0.0

Merodajna kombinacija za upogib:
1.35xI+1.50xII
Merodajna kombinacija za strig:
I+0.30xII+0.30xIII(17)-1.00xIV(17)

Mu =	-6.54 kNm		
Nu =	-775.47 kN		
Tu =	18.25 kN		
Aa1 =	0.00 cm2	(min:3.75)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:3.75)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.23 cm2/m	(min:±2.50)	(osv:±Q-335)

Prerez 25 - 25
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/300 cm Ab = 7500 cm2

No	N [kN]	T [kN]	M [kNm]
I	-517.6	-14.3	38.0
II	-146.2	7.0	8.8
III(1)	-1.9	1.1	1.5
III(2)	0.4	-0.2	-0.2
III(3)	-0.0	0.0	0.0
III(4)	0.0	-0.0	-0.0
III(5)	0.0	-0.1	-0.2
III(6)	-0.2	0.1	0.1
III(7)	0.1	0.0	0.1
III(8)	-0.4	0.3	0.3
III(9)	0.0	-0.0	-0.0
III(10)	0.0	-0.0	-0.0
III(11)	0.0	-0.0	-0.0

III(12)	0.0	0.0	0.0
III(13)	0.2	-0.1	-0.2
III(14)	0.1	-0.0	-0.0
III(15)	-0.4	0.3	0.5
III(16)	0.0	-0.0	-0.1
III(17)	-2.3	2.0	3.3
III(18)	-1.1	0.9	1.5
III(19)	0.8	-0.6	-0.8
III(20)	0.1	-0.1	-0.1
III(21)	-0.2	0.2	0.3
III(22)	0.4	0.8	1.7
III(23)	-0.2	0.2	0.3
III(24)	3.7	-2.7	-4.2
III(25)	1.2	-0.4	-0.4
III(26)	0.1	-0.0	-0.1
III(27)	0.1	-0.4	-0.7
III(28)	-0.1	0.0	0.0
III(29)	31.5	-4.9	-2.1
III(30)	2.5	-1.3	-1.5
III(31)	4.7	-2.1	-2.2
III(32)	23.2	-12.7	-16.0
III(33)	26.1	-8.3	-10.7
III(34)	-7.7	10.2	15.6
III(35)	-4.3	9.8	14.6
III(36)	2.2	-0.8	-1.1
III(37)	1.0	-0.4	-0.5
III(38)	-8.1	6.7	9.9
III(39)	0.8	0.0	0.4
III(40)	1.6	-0.2	-0.3
III(41)	-8.0	6.3	9.3

Dimenzioniranje (beton)

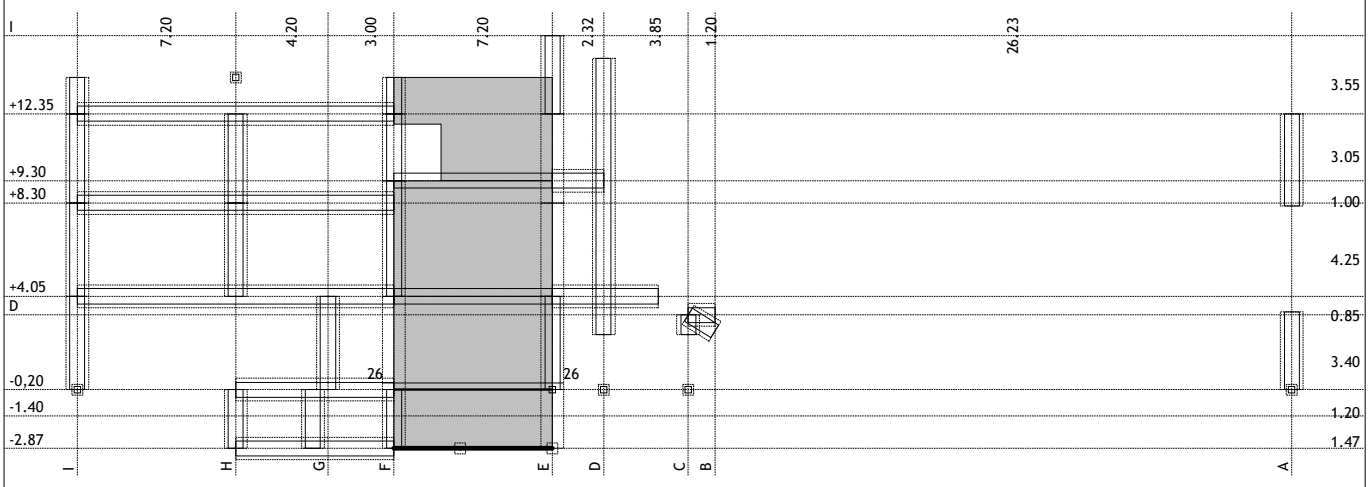
III(42)	1.7	-3.0	-6.0
III(43)	2.4	-3.4	-6.2
III(44)	-2.2	1.0	0.1
III(45)	-2.7	1.2	1.3
III(46)	15.7	-2.4	-0.4
III(47)	-0.3	0.1	0.2
III(48)	0.2	-0.1	-0.2
III(49)	3.0	-2.3	-4.5
III(50)	13.1	-1.4	1.3
III(51)	-2.9	2.2	4.2
III(52)	-0.1	0.9	2.1
III(53)	9.0	-1.2	1.0
III(54)	-0.8	-0.5	-1.5
III(55)	5.2	-0.3	1.2
III(56)	-0.2	0.1	0.2
III(57)	1.3	-0.3	-0.3
III(58)	-0.1	0.5	1.1
III(59)	-2.3	0.5	0.2
III(60)	0.9	-0.2	-0.1
III(61)	-0.2	0.4	0.7
III(62)	-0.1	-0.1	-0.2
III(63)	0.0	-0.0	0.0
III(64)	0.1	-0.3	-0.7
III(65)	0.1	-0.0	-0.0
III(66)	-0.0	0.1	0.1
III(67)	0.1	-0.1	-0.1
III(68)	0.7	-0.6	-1.2
III(69)	-2.8	0.6	0.4
III(70)	-0.1	0.0	0.0
III(71)	-0.1	-0.2	-0.6
III(72)	0.1	0.4	0.9
III(73)	-0.0	0.0	-0.0
III(74)	1.5	-1.3	-2.3
III(75)	-0.1	-0.2	-0.5
III(76)	-0.0	0.0	0.0
III(77)	-0.0	-0.0	-0.1
III(78)	0.1	0.0	0.1
III(79)	-0.2	1.5	3.3
III(80)	0.4	0.7	1.8
III(81)	0.0	-0.2	-0.4
III(82)	0.0	0.0	0.0
III(83)	-0.0	-0.0	-0.0
III(84)	-1.0	-1.9	-4.5
III(85)	0.0	-0.0	-0.0
III(86)	0.2	-0.2	-0.2
III(87)	0.7	0.5	1.5
III(88)	0.1	-0.1	-0.1
III(89)	0.0	0.0	0.1
III(90)	0.1	0.0	0.1
III(91)	-0.1	-0.0	-0.0
III(92)	-0.0	-0.0	-0.0
III(93)	-0.0	-0.0	-0.1
III(94)	1.3	0.4	1.4
III(95)	-0.9	-0.3	-1.0
III(96)	-2.5	-0.7	-2.5
III(97)	-0.4	-0.1	-0.5
III(98)	-0.0	-0.0	-0.1
III(99)	0.0	0.0	0.0
III(100)	-0.0	-0.0	-0.0
IV(1)	0.0	-0.0	-0.0
IV(2)	-0.0	0.0	0.0
IV(3)	0.0	-0.0	-0.0
IV(4)	0.1	-0.0	-0.1
IV(5)	1.2	-3.3	-6.4
IV(6)	23.5	-11.8	-14.5
IV(7)	-1.9	-0.1	-1.1
IV(8)	-0.0	0.0	0.0
IV(9)	0.0	-0.0	-0.0
IV(10)	0.2	-0.0	-0.0
IV(11)	3.1	-1.3	-1.2
IV(12)	-0.1	-0.0	-0.0
IV(13)	6.8	-4.7	-7.4
IV(14)	14.6	-6.7	-7.7
IV(15)	3.2	-2.4	-3.7
IV(16)	0.4	-0.4	-0.7
IV(17)	69.2	-59.7	-97.7
IV(18)	1.4	-1.2	-2.0
IV(19)	6.7	-4.6	-6.7
IV(20)	0.0	-0.0	-0.0
IV(21)	0.6	-0.5	-0.8
IV(22)	-1.6	-3.5	-7.8
IV(23)	15.9	-13.4	-21.3
IV(24)	2.0	-1.5	-2.3
IV(25)	-2.8	1.0	0.8
IV(26)	0.0	-0.0	-0.0
IV(27)	0.2	-0.9	-1.7
IV(28)	0.4	-0.0	-0.1

IV(29)	1.2	-0.2	-0.1
IV(30)	1.6	-0.8	-0.9
IV(31)	-1.2	0.5	0.5
IV(32)	2.4	-1.3	-1.7
IV(33)	6.5	-2.1	-2.7
IV(34)	2.8	-3.8	-5.8
IV(35)	0.3	-0.7	-1.1
IV(36)	1.1	-0.4	-0.6
IV(37)	1.2	-0.5	-0.6
IV(38)	12.7	-10.5	-15.6
IV(39)	-2.3	-0.1	-1.2
IV(40)	-1.0	0.1	0.2
IV(41)	6.4	-5.0	-7.5
IV(42)	2.4	-4.3	-8.4
IV(43)	6.9	-9.7	-17.6
IV(44)	-1.0	0.5	0.1
IV(45)	3.4	-1.5	-1.7
IV(46)	2.2	-0.3	-0.1
IV(47)	1.0	-0.4	-0.5
IV(48)	-0.1	0.0	0.1
IV(49)	1.6	-1.3	-2.5
IV(50)	-2.4	0.3	-0.2
IV(51)	1.0	-0.8	-1.4
IV(52)	0.0	-0.2	-0.5
IV(53)	-2.3	0.3	-0.3
IV(54)	0.3	0.2	0.5
IV(55)	-10.4	0.6	-2.4
IV(56)	-0.2	0.1	0.2
IV(57)	4.2	-1.1	-0.9
IV(58)	0.1	-0.2	-0.4
IV(59)	-5.2	1.1	0.5
IV(60)	-2.9	0.6	0.2
IV(61)	2.7	-4.5	-8.8
IV(62)	-0.1	-0.1	-0.2
IV(63)	-0.3	0.0	-0.2
IV(64)	0.0	-0.2	-0.3
IV(65)	-1.5	0.3	0.0
IV(66)	-0.0	0.4	0.9
IV(67)	-0.0	0.0	0.0
IV(68)	4.1	-3.9	-7.2
IV(69)	-1.8	0.4	0.3
IV(70)	-0.0	0.0	0.0
IV(71)	-0.7	-1.9	-4.7
IV(72)	-0.1	-0.9	-2.2
IV(73)	-0.0	0.0	-0.0
IV(74)	1.8	-1.6	-2.8
IV(75)	0.1	0.2	0.4
IV(76)	0.0	-0.0	-0.0
IV(77)	0.0	0.0	0.0
IV(78)	-0.0	-0.0	-0.0
IV(79)	0.1	-0.7	-1.6
IV(80)	-5.6	-10.5	-25.8
IV(81)	-0.6	2.2	4.7
IV(82)	-0.3	-0.0	-0.2
IV(83)	-0.3	-0.4	-1.0
IV(84)	0.5	1.0	2.5
IV(85)	-0.0	0.0	0.0
IV(86)	0.8	-0.6	-1.0
IV(87)	-2.5	-1.7	-5.1
IV(88)	-1.1	0.9	1.6
IV(89)	-0.2	-0.2	-0.6
IV(90)	0.5	0.0	0.3
IV(91)	-0.3	-0.0	-0.1
IV(92)	0.1	0.0	0.1
IV(93)	0.0	0.0	0.0
IV(94)	-1.5	-0.4	-1.6
IV(95)	0.6	0.2	0.8
IV(96)	-1.3	-0.3	-1.3
IV(97)	-0.8	-0.3	-1.1
IV(98)	-0.1	-0.0	-0.2
IV(99)	-0.0	-0.0	-0.0
IV(100)	-0.1	-0.0	-0.1

Merodajna kombinacija za upogib:
1.35xI+1.50xII
Merodajna kombinacija za strig:
I+0.30xII-0.30xIII(17)+IV(17)

Mu =	64.58 kNm		
Nu =	-918.16 kN		
Tu =	-72.44 kN		
Aa1 =	0.00 cm2	(min:11.25)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:11.25)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.31 cm2/m	(min:±2.50)	(osv:±Q-335)

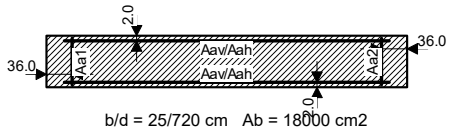
Dimenzioniranje (beton)



Okvir: os 3a
Dispozicija prerezov

Okvir: os 3a

Prerez 26 - 26
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/720 cm Ab = 18000 cm2

No	N [kN]	T [kN]	M [kNm]
I	-1009.5	-55.3	-419.6
II	-244.1	-17.1	-114.6
III(1)	1.8	2.8	-8.2
III(2)	0.2	-0.5	1.1
III(3)	-0.0	0.0	-0.1
III(4)	0.0	-0.0	0.0
III(5)	0.1	-0.8	0.8
III(6)	-0.1	0.2	-0.8
III(7)	0.3	0.3	-0.3
III(8)	0.2	0.5	-1.6
III(9)	0.0	-0.1	0.1
III(10)	0.0	0.0	0.0
III(11)	0.0	-0.0	0.1
III(12)	0.0	0.0	0.0
III(13)	-0.1	-0.5	1.2
III(14)	0.0	-0.1	0.3
III(15)	-0.2	0.8	-1.5
III(16)	-0.1	-0.2	0.4
III(17)	1.6	8.3	-18.7
III(18)	0.8	4.0	-9.2
III(19)	1.3	-1.1	2.0
III(20)	0.1	-0.1	0.2
III(21)	-0.2	0.4	-0.6
III(22)	-0.8	4.8	-3.5
III(23)	-0.2	0.4	-0.6
III(24)	5.2	-6.5	10.4
III(25)	3.2	-2.1	4.3
III(26)	0.2	-0.1	0.1
III(27)	0.6	-2.5	2.8
III(28)	0.3	0.1	-0.9
III(29)	48.6	-9.4	52.1
III(30)	3.4	-4.1	13.9
III(31)	12.9	-5.1	10.8
III(32)	39.7	-33.8	75.8
III(33)	41.9	-22.6	42.1
III(34)	1.5	29.7	-63.7
III(35)	0.3	30.3	-59.9
III(36)	2.1	-2.3	6.1
III(37)	0.5	-1.3	4.6
III(38)	-4.5	18.9	-41.6
III(39)	1.0	-0.1	3.3
III(40)	3.1	-1.1	0.5
III(41)	-1.0	14.6	-50.3
III(42)	0.9	-7.6	8.6
III(43)	2.3	-7.6	14.3
III(44)	-0.3	3.8	-14.7
III(45)	-1.1	4.0	-9.3
III(46)	22.0	-7.0	27.3
III(47)	-0.4	0.4	-1.0
III(48)	0.4	-0.3	0.3
III(49)	4.7	-19.9	28.2
III(50)	6.6	-2.8	44.1
III(51)	2.8	7.5	-20.8
III(52)	1.4	2.1	-2.8
III(53)	5.4	8.6	3.8
III(54)	-4.4	0.1	-0.5
III(55)	5.0	-1.0	12.9
III(56)	-0.2	0.2	-1.0
III(57)	2.3	-0.7	2.8
III(58)	-0.2	1.6	-1.2
III(59)	0.0	0.6	-9.7
III(60)	-0.0	-0.2	3.9
III(61)	-0.3	1.4	-2.4
III(62)	0.1	-0.4	-0.1
III(63)	0.1	0.0	0.2
III(64)	0.5	0.0	0.3
III(65)	0.0	-0.2	0.4
III(66)	-0.1	0.2	0.2
III(67)	0.1	-0.2	0.3
III(68)	0.4	-2.5	3.5
III(69)	0.4	-2.8	-3.4
III(70)	0.0	0.0	-0.2
III(71)	0.2	-0.6	0.2
III(72)	-0.3	0.9	-0.6
III(73)	-0.0	0.0	0.0
III(74)	-2.5	-2.6	9.0
III(75)	0.1	-0.5	0.2
III(76)	0.0	0.0	-0.0
III(77)	0.0	-0.1	0.0
III(78)	0.0	0.2	-0.1
III(79)	1.2	4.3	-7.3
III(80)	-0.1	2.3	-2.0
III(81)	-0.2	-0.4	0.9
III(82)	-0.1	0.1	0.1
III(83)	0.0	-0.0	0.0
III(84)	1.0	-4.5	5.1
III(85)	-0.0	-0.0	0.0
III(86)	-0.3	-0.3	1.4
III(87)	-1.4	0.8	1.4
III(88)	-0.0	-0.1	0.3
III(89)	-0.0	-0.0	0.1
III(90)	-0.7	0.2	0.9
III(91)	-0.2	0.2	-0.3
III(92)	-0.0	0.0	-0.1
III(93)	-0.6	-0.1	1.5
III(94)	0.6	-0.2	1.6
III(95)	-0.4	-0.1	-0.9
III(96)	-1.3	0.9	-4.2
III(97)	-0.3	0.2	-0.8
III(98)	-0.2	0.0	0.1
III(99)	-0.0	-0.0	0.0
III(100)	0.0	0.0	-0.1
IV(1)	-0.0	-0.0	0.0
IV(2)	-0.0	0.0	-0.0
IV(3)	0.0	-0.1	0.1
IV(4)	0.0	-0.1	0.2
IV(5)	2.8	-30.1	29.2
IV(6)	8.9	-30.2	110.0
IV(7)	-5.5	-5.0	5.2
IV(8)	0.0	0.0	-0.0
IV(9)	0.0	-0.0	0.0
IV(10)	0.0	0.1	0.1
IV(11)	1.0	-4.4	11.5
IV(12)	-0.1	-0.1	-0.3

Dimenzioniranje (beton)

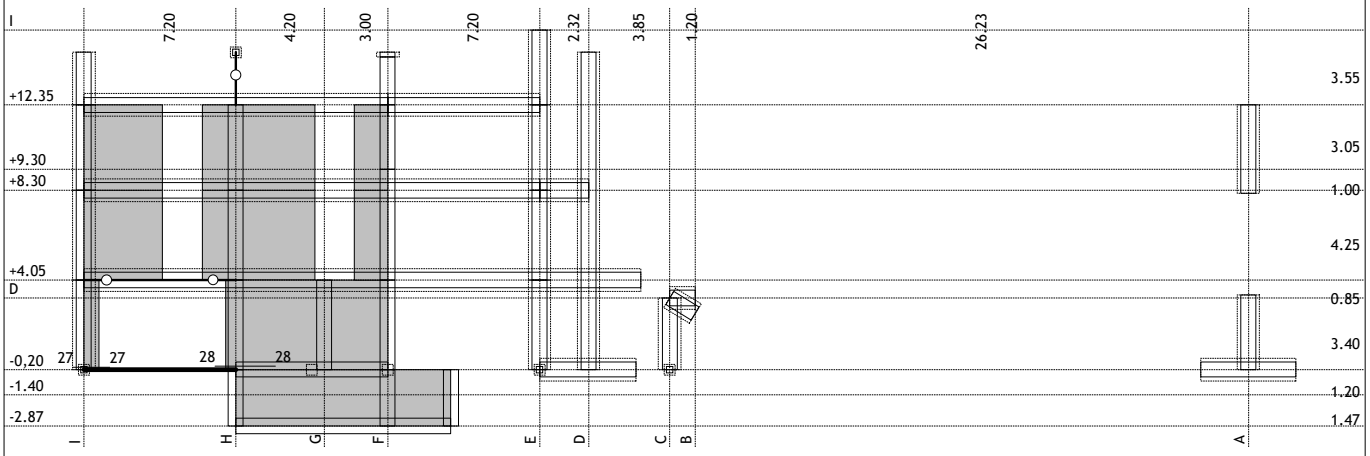
IV(13)	-4.3	-18.6	46.1
IV(14)	6.8	-14.5	57.9
IV(15)	1.9	-6.2	11.6
IV(16)	-1.1	-1.8	4.3
IV(17)	-47.9	-248.2	556.0
IV(18)	-1.0	-5.2	12.0
IV(19)	10.1	-8.8	15.8
IV(20)	0.0	-0.0	0.0
IV(21)	0.7	-1.3	1.8
IV(22)	3.7	-21.5	15.8
IV(23)	16.8	-31.4	49.2
IV(24)	2.8	-3.5	5.6
IV(25)	-7.1	4.7	-9.7
IV(26)	0.1	-0.0	0.1
IV(27)	1.5	-5.9	6.6
IV(28)	-1.0	-0.3	3.3
IV(29)	1.9	-0.4	2.0
IV(30)	2.1	-2.6	8.7
IV(31)	-3.2	1.3	-2.7
IV(32)	4.1	-3.5	7.9
IV(33)	10.5	-5.7	10.5
IV(34)	-0.5	-10.9	23.5
IV(35)	-0.0	-2.3	4.5
IV(36)	1.1	-1.2	3.2
IV(37)	0.6	-1.6	5.5
IV(38)	7.0	-29.7	65.2
IV(39)	-3.0	0.3	-9.5
IV(40)	-2.0	0.7	-0.3
IV(41)	0.8	-11.7	40.3
IV(42)	1.3	-10.6	12.1
IV(43)	6.5	-21.8	40.6
IV(44)	-0.1	1.7	-6.8
IV(45)	1.3	-5.0	11.8
IV(46)	3.1	-1.0	3.9
IV(47)	1.2	-1.2	3.3
IV(48)	-0.1	0.1	-0.1
IV(49)	2.6	-10.9	15.4
IV(50)	-1.2	0.5	-8.1
IV(51)	-1.0	-2.6	7.2
IV(52)	-0.4	-0.6	0.7
IV(53)	-1.4	-2.2	-1.0
IV(54)	1.4	-0.0	0.2
IV(55)	-9.9	1.9	-25.5
IV(56)	-0.1	0.2	-0.9
IV(57)	7.5	-2.3	9.2
IV(58)	0.1	-0.5	0.4
IV(59)	0.1	1.4	-22.2
IV(60)	0.1	0.5	-12.1
IV(61)	3.1	-16.2	28.2
IV(62)	0.1	-0.3	-0.1
IV(63)	-0.7	-0.2	-2.4

IV(64)	0.2	0.0	0.1
IV(65)	-0.5	1.7	-4.6
IV(66)	-0.5	1.3	1.8
IV(67)	-0.0	0.0	-0.0
IV(68)	2.2	-15.1	21.6
IV(69)	0.3	-1.8	-2.2
IV(70)	0.0	0.0	-0.1
IV(71)	1.8	-4.4	1.9
IV(72)	0.7	-2.3	1.5
IV(73)	-0.0	0.0	0.0
IV(74)	-3.1	-3.1	10.9
IV(75)	-0.0	0.4	-0.2
IV(76)	-0.0	-0.0	0.1
IV(77)	-0.0	0.1	-0.0
IV(78)	-0.0	-0.0	0.0
IV(79)	-0.6	-2.1	3.5
IV(80)	1.0	-32.0	28.5
IV(81)	2.0	5.1	-11.5
IV(82)	0.5	-0.4	-0.7
IV(83)	0.3	-1.3	0.9
IV(84)	-0.5	2.5	-2.8
IV(85)	0.0	0.0	-0.0
IV(86)	-1.2	-1.2	5.6
IV(87)	4.6	-2.8	-4.8
IV(88)	0.5	1.0	-6.1
IV(89)	0.0	0.2	-0.7
IV(90)	-3.2	1.0	3.9
IV(91)	-0.7	0.6	-0.7
IV(92)	0.1	-0.1	0.5
IV(93)	0.4	0.0	-1.1
IV(94)	-0.7	0.2	-1.8
IV(95)	0.3	0.1	0.6
IV(96)	-0.7	0.5	-2.2
IV(97)	-0.7	0.3	-1.6
IV(98)	-0.4	0.0	0.1
IV(99)	0.0	0.0	-0.0
IV(100)	0.0	0.3	-1.0

Merodajna kombinacija za upogib:
1.35xI+1.50xII
Merodajna kombinacija za strig:
I+0.30xII-0.30xIII(17)+IV(17)

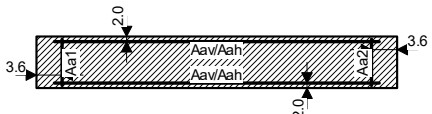
Mu =	-738.41 kNm		
Nu =	-1728.93 kN		
Tu =	-311.13 kN		
Aa1 =	0.00 cm2	(min:27.00)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:27.00)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.55 cm2/m	(min:±2.50)	(osv:±Q-335)

Dimenzioniranje (beton)



Okvir: V_28
Dispozicija prerezov

Prerez 27 - 27
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/72.5 cm Ab = 1812.5 cm2

No	N [kN]	T [kN]	M [kNm]
I	-141.3	20.8	10.1
II	-23.8	5.6	2.6
III(1)	-0.7	0.1	0.1
III(2)	0.1	-0.0	-0.0
III(3)	-0.0	0.0	0.0
III(4)	-0.0	-0.0	-0.0
III(5)	-0.1	-0.1	-0.0
III(6)	-0.0	0.0	0.0
III(7)	0.5	0.1	0.0
III(8)	-0.5	-0.0	0.0
III(9)	-0.0	-0.0	-0.0
III(10)	0.0	0.0	0.0
III(11)	0.0	-0.0	-0.0
III(12)	0.0	0.0	0.0
III(13)	-0.4	-0.1	-0.1
III(14)	0.0	-0.0	-0.0
III(15)	-0.1	0.1	0.0
III(16)	-0.1	-0.0	-0.0
III(17)	4.4	1.1	0.8
III(18)	2.5	0.6	0.4
III(19)	1.0	0.0	-0.0
III(20)	0.1	-0.0	-0.0
III(21)	-0.3	0.0	0.0
III(22)	-1.0	0.1	0.1
III(23)	-0.2	0.0	0.0
III(24)	3.1	-0.2	-0.2
III(25)	1.0	0.1	-0.0
III(26)	0.0	-0.0	-0.0
III(27)	0.4	-0.0	-0.0
III(28)	0.4	0.0	0.0
III(29)	-41.5	-1.2	0.4
III(30)	4.8	-0.1	-0.2
III(31)	11.4	0.6	0.0
III(32)	36.5	-0.1	-1.2
III(33)	-39.2	-3.8	-1.7
III(34)	-38.4	0.6	1.7
III(35)	-61.0	-0.3	1.6
III(36)	-2.6	-0.2	-0.1
III(37)	0.4	-0.1	-0.1
III(38)	-15.4	0.6	0.9
III(39)	1.0	0.1	0.0
III(40)	-5.0	-0.2	0.0
III(41)	-16.8	0.1	0.5
III(42)	-1.7	-1.3	-0.7
III(43)	3.3	-0.6	-0.5
III(44)	-17.0	-0.2	0.4
III(45)	-1.1	0.3	0.3
III(46)	-15.3	-0.4	0.2
III(47)	0.5	0.1	0.0
III(48)	-0.7	0.0	0.0
III(49)	-12.7	-1.8	-0.9
III(50)	-13.3	-1.0	-0.4
III(51)	12.2	1.5	0.7
III(52)	3.3	0.4	0.2
III(53)	3.3	1.5	1.0
III(54)	-4.2	-0.6	-0.3
III(55)	1.0	0.9	0.6
III(56)	0.2	-0.0	-0.0
III(57)	1.1	0.1	0.0
III(58)	0.5	0.2	0.1
III(59)	0.8	-0.4	-0.3
III(60)	-0.3	0.2	0.1
III(61)	0.3	0.3	0.2
III(62)	0.1	-0.1	-0.1
III(63)	0.1	0.0	0.0
III(64)	0.5	0.2	0.1
III(65)	0.1	-0.0	-0.0
III(66)	-0.1	0.0	0.0
III(67)	-0.0	-0.0	-0.0
III(68)	-0.3	-0.1	-0.1
III(69)	0.2	0.2	0.1
III(70)	0.0	0.0	0.0
III(71)	-0.3	-0.1	-0.1
III(72)	0.2	0.1	0.1
III(73)	-0.0	-0.0	-0.0
III(74)	-0.8	-0.5	-0.3
III(75)	0.0	-0.1	-0.0
III(76)	0.0	0.0	0.0
III(77)	0.0	-0.0	-0.0
III(78)	0.1	0.0	0.0
III(79)	-0.3	0.3	0.2
III(80)	0.5	0.4	0.3
III(81)	0.1	-0.0	-0.0
III(82)	0.0	0.0	0.0
III(83)	0.0	-0.0	-0.0
III(84)	1.5	-0.3	-0.3
III(85)	0.0	0.0	-0.0
III(86)	0.5	0.1	0.0
III(87)	-0.6	0.0	0.1
III(88)	0.1	-0.0	-0.0
III(89)	0.0	0.0	0.0
III(90)	0.0	0.1	0.1
III(91)	-0.1	0.0	0.0
III(92)	0.0	-0.0	-0.0
III(93)	-0.4	0.2	0.1
III(94)	0.2	0.1	0.1
III(95)	-0.4	-0.1	-0.0
III(96)	-0.2	-0.2	-0.1
III(97)	-0.0	-0.1	-0.0
III(98)	-0.1	-0.0	-0.0
III(99)	-0.0	0.0	0.0
III(100)	0.1	-0.0	-0.0
IV(1)	0.0	-0.0	-0.0
IV(2)	-0.0	0.0	0.0
IV(3)	0.0	-0.0	-0.0
IV(4)	-0.0	-0.0	-0.0
IV(5)	-2.6	-1.9	-1.3
IV(6)	0.8	-2.3	-1.9
IV(7)	-7.7	-1.2	-0.7
IV(8)	-0.0	-0.0	0.0
IV(9)	-0.0	-0.0	-0.0
IV(10)	0.1	0.0	0.0
IV(11)	2.6	-0.1	-0.2
IV(12)	-0.1	-0.0	-0.0
IV(13)	-14.6	-3.7	-2.4
IV(14)	3.3	-0.8	-0.7

Dimenzioniranje (beton)

IV(15)	0.4	-0.4	-0.3
IV(16)	-1.5	-0.3	-0.2
IV(17)	-130.3	-33.4	-23.3
IV(18)	-3.2	-0.8	-0.5
IV(19)	7.9	0.2	-0.1
IV(20)	0.0	-0.0	-0.0
IV(21)	0.8	-0.0	-0.0
IV(22)	4.5	-0.3	-0.3
IV(23)	17.9	-0.7	-1.1
IV(24)	1.7	-0.1	-0.1
IV(25)	-2.3	-0.2	0.0
IV(26)	0.0	-0.0	-0.0
IV(27)	0.8	-0.0	-0.0
IV(28)	-1.6	-0.1	-0.0
IV(29)	-1.6	-0.0	0.0
IV(30)	3.0	-0.0	-0.1
IV(31)	-2.8	-0.1	-0.0
IV(32)	3.8	-0.0	-0.1
IV(33)	-9.8	-1.0	-0.4
IV(34)	14.2	-0.2	-0.6
IV(35)	4.6	0.0	-0.1
IV(36)	-1.4	-0.1	-0.0
IV(37)	0.4	-0.1	-0.1
IV(38)	24.1	-0.9	-1.5
IV(39)	-2.9	-0.3	-0.1
IV(40)	3.2	0.1	-0.0
IV(41)	13.5	-0.1	-0.4
IV(42)	-2.4	-1.8	-1.0
IV(43)	9.4	-1.6	-1.4
IV(44)	-7.8	-0.1	0.2
IV(45)	1.4	-0.4	-0.4
IV(46)	-2.2	-0.1	0.0
IV(47)	-1.6	-0.2	-0.1
IV(48)	0.2	-0.0	-0.0
IV(49)	-6.9	-1.0	-0.5
IV(50)	2.5	0.2	0.1
IV(51)	-4.3	-0.5	-0.2
IV(52)	-0.9	-0.1	-0.1
IV(53)	-0.8	-0.4	-0.2
IV(54)	1.3	0.2	0.1
IV(55)	-2.1	-1.8	-1.2
IV(56)	0.2	-0.0	-0.0
IV(57)	3.8	0.2	0.1
IV(58)	-0.2	-0.1	-0.0
IV(59)	1.8	-0.9	-0.6
IV(60)	1.1	-0.5	-0.4
IV(61)	-3.1	-3.3	-2.1
IV(62)	0.1	-0.1	-0.1
IV(63)	-1.5	-0.5	-0.2
IV(64)	0.2	0.1	0.1
IV(65)	-0.8	0.3	0.2

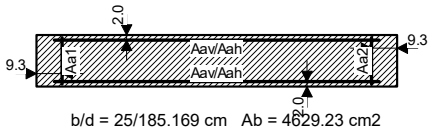
IV(66)	-0.8	0.1	0.1
IV(67)	0.0	0.0	0.0
IV(68)	-1.9	-0.9	-0.6
IV(69)	0.1	0.1	0.1
IV(70)	0.0	0.0	0.0
IV(71)	-2.0	-0.6	-0.4
IV(72)	-0.5	-0.2	-0.2
IV(73)	-0.0	-0.0	-0.0
IV(74)	-0.9	-0.5	-0.3
IV(75)	-0.0	0.1	0.0
IV(76)	-0.0	-0.0	-0.0
IV(77)	-0.0	0.0	0.0
IV(78)	-0.0	-0.0	-0.0
IV(79)	0.1	-0.1	-0.1
IV(80)	-6.9	-5.4	-3.6
IV(81)	-1.6	0.2	0.2
IV(82)	-0.2	-0.2	-0.1
IV(83)	0.4	-0.3	-0.2
IV(84)	-0.8	0.1	0.1
IV(85)	-0.0	-0.0	0.0
IV(86)	1.8	0.2	0.1
IV(87)	2.2	-0.1	-0.2
IV(88)	-1.3	0.2	0.2
IV(89)	-0.1	-0.2	-0.1
IV(90)	0.1	0.4	0.3
IV(91)	-0.2	0.0	0.0
IV(92)	-0.1	0.1	0.1
IV(93)	0.3	-0.1	-0.1
IV(94)	-0.3	-0.2	-0.1
IV(95)	0.3	0.1	0.0
IV(96)	-0.1	-0.1	-0.1
IV(97)	-0.1	-0.2	-0.1
IV(98)	-0.2	-0.0	-0.0
IV(99)	0.0	-0.0	-0.0
IV(100)	0.7	-0.0	-0.0

Merodajna kombinacija za upogib:
I+0.30xII+0.30xIII(17)-1.00xIV(17)
Merodajna kombinacija za strig:
I+0.30xII+0.30xIII(17)-1.00xIV(17)
Mu = 34.44 kNm
Nu = -16.84 kN
Tu = 56.28 kN

εb/εa = -1.522/25.000 ‰

Aa1 =	0.00 cm2	(min:2.72)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:2.72)	(osv:4Ø16)
Aav =	±1.46 cm2/m	(min:±1.88)	
Aah =	±0.98 cm2/m	(min:±2.50)	(osv:±Q-335)

Prerez 28 - 28
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/185.169 cm Ab = 4629.23 cm2

No	N [kN]	T [kN]	M [kNm]
I	-595.8	74.1	91.3
II	-147.7	17.5	22.6
III(1)	-0.6	0.3	0.2
III(2)	0.1	-0.0	-0.0
III(3)	-0.0	0.0	0.0
III(4)	0.0	-0.0	-0.0
III(5)	0.1	-0.1	-0.0
III(6)	-0.0	0.0	0.0
III(7)	-0.1	0.1	0.1
III(8)	-0.1	-0.0	0.0
III(9)	0.0	-0.0	-0.0
III(10)	-0.0	0.0	0.0
III(11)	0.0	-0.0	-0.0
III(12)	-0.0	0.0	0.0
III(13)	0.1	-0.1	-0.1
III(14)	0.0	-0.0	-0.0
III(15)	-0.1	0.1	0.1
III(16)	0.1	-0.0	-0.0
III(17)	-2.5	1.7	1.1
III(18)	-1.2	0.9	0.6
III(19)	0.1	0.0	0.0
III(20)	0.0	-0.0	-0.0
III(21)	-0.1	0.0	0.0
III(22)	-0.3	0.1	0.1
III(23)	-0.1	0.0	0.0
III(24)	0.7	-0.3	-0.2
III(25)	0.3	-0.0	-0.1
III(26)	-0.0	-0.0	-0.0
III(27)	0.1	0.0	-0.0
III(28)	0.1	0.0	-0.0
III(29)	-21.3	1.7	3.1

III(30)	1.5	-0.3	-0.4
III(31)	1.5	0.3	-0.3
III(32)	8.5	-1.7	-2.3
III(33)	-10.9	-3.2	-0.0
III(34)	-15.3	2.9	3.4
III(35)	-21.4	2.7	4.1
III(36)	-0.9	-0.1	0.0
III(37)	0.1	-0.1	-0.1
III(38)	-5.7	1.5	1.5
III(39)	0.0	0.1	0.0
III(40)	-1.9	0.1	0.3
III(41)	-3.8	0.4	0.8
III(42)	0.8	-1.4	-0.4
III(43)	1.2	-0.7	-0.4
III(44)	-5.2	0.6	1.0
III(45)	-0.9	0.6	0.4
III(46)	-7.8	0.5	1.1
III(47)	0.1	0.1	-0.0
III(48)	-0.3	0.0	0.1
III(49)	-1.2	-1.9	-0.4
III(50)	-3.7	-0.9	-0.2
III(51)	0.7	1.5	0.4
III(52)	0.0	0.4	0.1
III(53)	-3.4	2.3	1.3
III(54)	0.9	-0.8	-0.3
III(55)	-3.0	1.3	0.7
III(56)	0.2	-0.1	-0.0
III(57)	-0.5	0.2	0.1
III(58)	-0.4	0.3	0.1
III(59)	1.4	-0.6	-0.4
III(60)	-0.6	0.2	0.1
III(61)	-0.4	0.3	0.1
III(62)	0.2	-0.1	-0.1
III(63)	-0.0	0.0	0.0
III(64)	-0.3	0.3	0.1
III(65)	-0.0	-0.0	-0.0
III(66)	-0.0	0.0	0.0
III(67)	-0.0	-0.0	-0.0
III(68)	-0.2	-0.1	-0.0
III(69)	0.6	0.1	-0.0
III(70)	0.0	0.0	-0.0
III(71)	0.1	-0.1	-0.0
III(72)	-0.1	0.1	0.0
III(73)	0.0	-0.0	-0.0
III(74)	0.0	-0.4	-0.1
III(75)	0.1	-0.1	-0.0
III(76)	-0.0	0.0	0.0

Dimenzioniranje (beton)

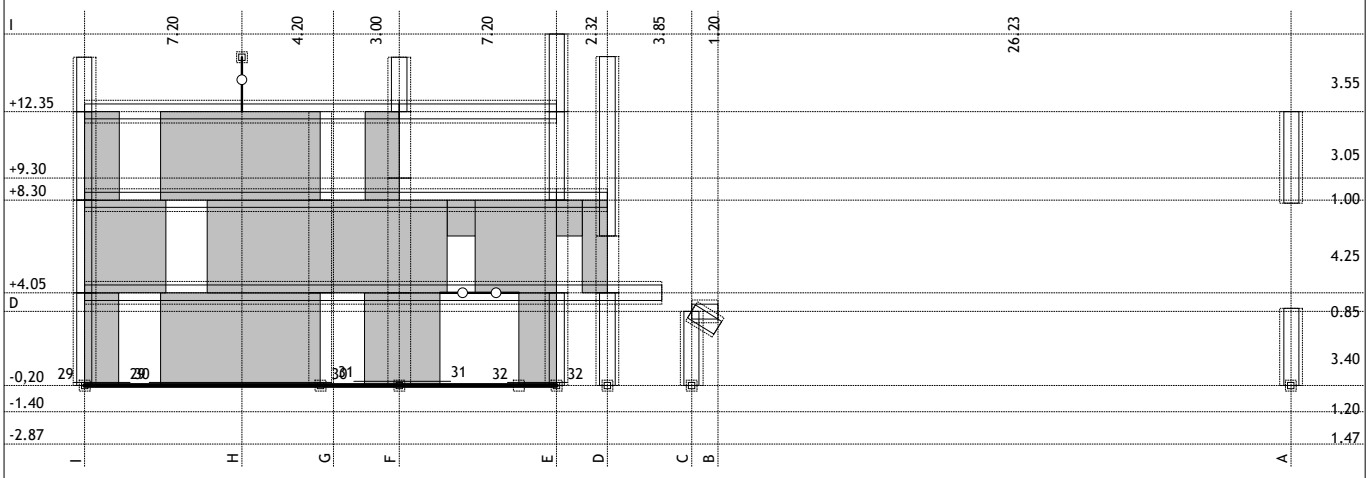
III(77)	0.0	-0.0	-0.0
III(78)	-0.1	0.0	0.0
III(79)	-0.2	0.2	0.1
III(80)	-0.5	0.4	0.2
III(81)	-0.0	-0.0	0.0
III(82)	-0.0	0.0	0.0
III(83)	0.0	-0.0	-0.0
III(84)	0.4	-0.2	-0.1
III(85)	-0.0	0.0	0.0
III(86)	-0.1	0.1	0.0
III(87)	-0.0	0.0	0.0
III(88)	0.0	-0.0	-0.0
III(89)	-0.0	0.0	0.0
III(90)	-0.1	0.1	0.1
III(91)	-0.0	0.0	0.0
III(92)	0.0	-0.0	-0.0
III(93)	-0.3	0.1	0.1
III(94)	-0.1	0.1	0.0
III(95)	0.0	-0.0	-0.0
III(96)	-0.1	-0.0	0.0
III(97)	-0.1	-0.0	0.0
III(98)	-0.1	-0.0	0.0
III(99)	-0.0	0.0	0.0
III(100)	0.0	-0.0	-0.0
IV(1)	0.0	-0.0	-0.0
IV(2)	-0.0	0.0	0.0
IV(3)	0.0	-0.0	-0.0
IV(4)	0.0	-0.0	-0.0
IV(5)	4.5	-3.6	-1.7
IV(6)	6.9	-3.9	-2.7
IV(7)	2.3	-1.7	-1.2
IV(8)	-0.0	-0.0	0.0
IV(9)	0.0	-0.0	-0.0
IV(10)	-0.1	0.0	0.0
IV(11)	1.3	-0.4	-0.4
IV(12)	0.0	-0.0	-0.0
IV(13)	5.8	-5.2	-2.8
IV(14)	2.5	-1.4	-0.9
IV(15)	1.2	-0.7	-0.4
IV(16)	0.6	-0.5	-0.3
IV(17)	73.7	-51.2	-33.6
IV(18)	1.6	-1.2	-0.8
IV(19)	0.5	0.2	0.1
IV(20)	0.0	-0.0	-0.0
IV(21)	0.2	-0.0	-0.0
IV(22)	1.3	-0.6	-0.3
IV(23)	4.8	-1.4	-1.2
IV(24)	0.4	-0.2	-0.1
IV(25)	-0.7	0.0	0.3
IV(26)	-0.0	-0.0	-0.0
IV(27)	0.1	0.0	-0.0
IV(28)	-0.3	-0.1	0.0
IV(29)	-0.8	0.1	0.1
IV(30)	1.0	-0.2	-0.2
IV(31)	-0.4	-0.1	0.1
IV(32)	0.9	-0.2	-0.2
IV(33)	-2.7	-0.8	-0.0
IV(34)	5.6	-1.1	-1.2
IV(35)	1.6	-0.2	-0.3
IV(36)	-0.5	-0.1	0.0
IV(37)	0.2	-0.1	-0.1
IV(38)	8.9	-2.3	-2.3
IV(39)	-0.0	-0.2	-0.0
IV(40)	1.2	-0.1	-0.2
IV(41)	3.1	-0.3	-0.7
IV(42)	1.1	-2.0	-0.5
IV(43)	3.3	-1.9	-1.2
IV(44)	-2.4	0.3	0.5
IV(45)	1.1	-0.7	-0.5

IV(46)	-1.1	0.1	0.2
IV(47)	-0.3	-0.2	0.0
IV(48)	0.1	-0.0	-0.0
IV(49)	-0.7	-1.1	-0.2
IV(50)	0.7	0.2	0.0
IV(51)	-0.2	-0.5	-0.1
IV(52)	-0.0	-0.1	-0.0
IV(53)	0.9	-0.6	-0.3
IV(54)	-0.3	0.3	0.1
IV(55)	6.0	-2.6	-1.4
IV(56)	0.2	-0.1	-0.0
IV(57)	-1.7	0.5	0.4
IV(58)	0.1	-0.1	-0.0
IV(59)	3.1	-1.4	-0.8
IV(60)	1.8	-0.8	-0.5
IV(61)	4.3	-3.9	-1.5
IV(62)	0.2	-0.1	-0.0
IV(63)	0.3	-0.5	-0.1
IV(64)	-0.2	0.1	0.0
IV(65)	0.1	0.3	0.1
IV(66)	-0.3	0.1	0.1
IV(67)	0.0	0.0	0.0
IV(68)	-1.0	-0.7	-0.1
IV(69)	0.4	0.0	-0.0
IV(70)	0.0	0.0	-0.0
IV(71)	0.6	-0.6	-0.3
IV(72)	0.2	-0.2	-0.1
IV(73)	0.0	-0.0	-0.0
IV(74)	0.0	-0.5	-0.1
IV(75)	-0.1	0.1	0.0
IV(76)	0.0	-0.0	-0.0
IV(77)	-0.0	0.0	0.0
IV(78)	0.0	-0.0	-0.0
IV(79)	0.1	-0.1	-0.0
IV(80)	6.9	-5.6	-2.5
IV(81)	0.0	0.1	-0.0
IV(82)	0.3	-0.2	-0.1
IV(83)	0.6	-0.3	-0.2
IV(84)	-0.2	0.1	0.1
IV(85)	0.0	-0.0	-0.0
IV(86)	-0.3	0.2	0.1
IV(87)	0.1	-0.0	-0.0
IV(88)	-0.4	0.2	0.1
IV(89)	0.2	-0.1	-0.1
IV(90)	-0.7	0.4	0.2
IV(91)	-0.0	0.0	0.0
IV(92)	-0.2	0.1	0.0
IV(93)	0.2	-0.1	-0.1
IV(94)	0.1	-0.1	-0.0
IV(95)	-0.0	0.0	0.0
IV(96)	-0.0	-0.0	0.0
IV(97)	-0.2	-0.0	0.0
IV(98)	-0.1	-0.0	0.0
IV(99)	0.0	-0.0	-0.0
IV(100)	0.1	-0.0	-0.0

Merodajna kombinacija za upogib:
1.35xI+1.50xII
Merodajna kombinacija za strig:
I+0.30xII+0.30xIII(17)-1.00xIV(17)
Mu = 157.07 kNm
Nu = -1025.91 kN
Tu = 131.03 kN

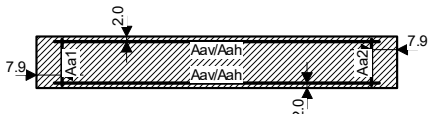
Aa1 =	0.00 cm2	(min:6.94)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:6.94)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.90 cm2/m	(min:±2.50)	(osv:±Q-335)

Dimenzioniranje (beton)



Okvir: os 4a
Dispozicija prerezov

Prerez 29 - 29
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/157.5 cm Ab = 3937.5 cm2

No	N [kN]	T [kN]	M [kNm]
I	-269.1	46.6	-37.2
II	-50.8	14.2	-10.8
III(1)	0.5	0.3	-0.3
III(2)	-0.1	-0.1	0.1
III(3)	0.0	0.0	-0.0
III(4)	0.0	-0.0	0.0
III(5)	0.0	-0.1	0.1
III(6)	-0.0	0.0	-0.1
III(7)	-0.9	0.2	-0.4
III(8)	0.7	-0.1	0.2
III(9)	0.0	-0.0	0.0
III(10)	-0.0	0.0	-0.0
III(11)	-0.0	-0.0	0.0
III(12)	-0.0	0.0	-0.0
III(13)	0.5	-0.2	0.4
III(14)	-0.0	-0.0	0.0
III(15)	-0.0	0.1	-0.2
III(16)	0.2	-0.1	0.1
III(17)	-8.4	3.4	-5.4
III(18)	-4.6	1.8	-2.9
III(19)	-1.5	0.1	-0.4
III(20)	-0.1	0.0	-0.0
III(21)	0.4	0.0	0.0
III(22)	1.8	0.0	0.2
III(23)	0.3	0.0	0.0
III(24)	-3.9	-0.4	-0.1
III(25)	0.5	-0.4	0.3
III(26)	-0.0	-0.0	0.0
III(27)	-0.3	-0.0	-0.0
III(28)	-0.5	0.0	-0.1
III(29)	48.8	3.2	2.6
III(30)	-5.4	-0.9	0.4
III(31)	-11.9	-0.3	-1.5
III(32)	-40.2	-4.7	0.2
III(33)	44.7	-4.2	12.1
III(34)	42.7	6.1	-2.0
III(35)	70.1	6.6	1.1
III(36)	3.1	-0.1	0.6
III(37)	-0.2	-0.2	0.3
III(38)	16.8	3.0	-1.7
III(39)	-0.9	-0.0	-0.1
III(40)	5.3	0.5	0.1
III(41)	18.9	1.4	0.7
III(42)	-3.6	-0.8	1.4
III(43)	-4.9	-1.0	0.9
III(44)	19.6	2.0	-0.2
III(45)	1.1	1.0	-1.3
III(46)	16.5	1.3	0.7
III(47)	-0.3	0.0	-0.1
III(48)	0.9	0.2	-0.2
III(49)	11.0	-1.7	4.4
III(50)	17.8	-2.7	6.4
III(51)	-12.5	1.5	-4.1
III(52)	-2.9	0.0	-0.5
III(53)	-1.2	3.6	-5.3
III(54)	3.7	-0.6	1.4
III(55)	1.2	1.6	-2.1
III(56)	-0.5	-0.1	0.1
III(57)	-1.8	0.2	-0.5
III(58)	0.1	0.1	-0.2
III(59)	-2.3	-0.9	1.0
III(60)	1.0	0.4	-0.4
III(61)	0.7	0.3	-0.4
III(62)	-0.4	-0.1	0.1
III(63)	0.0	0.0	-0.1
III(64)	0.6	0.2	-0.4
III(65)	-0.2	-0.0	0.0
III(66)	0.1	0.0	0.0
III(67)	-0.0	-0.0	0.0
III(68)	0.0	-0.1	0.1
III(69)	0.4	0.2	-0.4
III(70)	0.0	0.0	-0.0
III(71)	0.2	-0.1	0.1
III(72)	-0.1	0.0	-0.0
III(73)	0.0	-0.0	0.0
III(74)	-0.3	-0.3	0.6
III(75)	-0.1	-0.0	0.0
III(76)	-0.0	0.0	-0.0
III(77)	-0.0	-0.0	0.0
III(78)	-0.0	0.0	-0.1
III(79)	0.6	-0.0	0.2
III(80)	0.3	0.4	-0.5
III(81)	-0.1	0.0	-0.1
III(82)	0.1	0.0	-0.1
III(83)	-0.0	-0.0	0.0
III(84)	-1.0	0.3	-0.9
III(85)	-0.0	0.0	-0.0
III(86)	-0.3	0.2	-0.3
III(87)	0.4	-0.1	0.4
III(88)	-0.1	0.0	-0.0
III(89)	0.0	0.0	-0.0
III(90)	0.3	0.2	-0.2
III(91)	0.1	-0.0	0.0
III(92)	-0.1	-0.0	0.1
III(93)	0.9	0.4	-0.5
III(94)	-0.1	0.1	-0.2
III(95)	0.4	-0.0	0.1
III(96)	-0.1	-0.1	0.3
III(97)	-0.4	-0.1	0.2
III(98)	-0.1	-0.0	0.0
III(99)	0.0	0.0	-0.0
III(100)	-0.1	-0.0	-0.0
IV(1)	-0.0	-0.0	0.0
IV(2)	0.0	0.0	-0.0
IV(3)	-0.0	-0.0	0.0
IV(4)	0.0	-0.0	0.0
IV(5)	0.6	-4.0	5.6
IV(6)	6.0	-7.3	9.9
IV(7)	14.5	-3.9	6.7
IV(8)	0.0	-0.0	0.0
IV(9)	0.0	-0.0	0.0
IV(10)	-0.2	0.1	-0.2
IV(11)	-1.7	-1.0	1.0
IV(12)	0.3	-0.1	0.1
IV(13)	19.1	-9.2	15.2
IV(14)	-2.6	-2.1	2.4

Dimenzioniranje (beton)

IV(15)	0.1	-1.1	1.4
IV(16)	2.4	-0.9	1.5
IV(17)	250.3	-101.4	160.9
IV(18)	6.0	-2.3	3.7
IV(19)	-11.7	1.0	-2.8
IV(20)	-0.0	0.0	-0.0
IV(21)	-1.1	-0.0	-0.1
IV(22)	-7.9	-0.0	-0.9
IV(23)	-23.0	-1.4	-1.4
IV(24)	-2.1	-0.2	-0.0
IV(25)	-1.1	0.9	-0.7
IV(26)	-0.0	-0.0	0.0
IV(27)	-0.6	-0.1	-0.0
IV(28)	2.0	-0.1	0.4
IV(29)	1.9	0.1	0.1
IV(30)	-3.4	-0.6	0.3
IV(31)	3.0	0.1	0.4
IV(32)	-4.2	-0.5	0.0
IV(33)	11.2	-1.0	3.0
IV(34)	-15.7	-2.2	0.8
IV(35)	-5.3	-0.5	-0.1
IV(36)	1.6	-0.1	0.3
IV(37)	-0.3	-0.3	0.3
IV(38)	-26.3	-4.8	2.7
IV(39)	2.6	0.0	0.4
IV(40)	-3.4	-0.3	-0.1
IV(41)	-15.1	-1.1	-0.5
IV(42)	-5.1	-1.2	1.9
IV(43)	-14.1	-2.9	2.5
IV(44)	9.0	0.9	-0.1
IV(45)	-1.4	-1.3	1.6
IV(46)	2.3	0.2	0.1
IV(47)	1.0	-0.1	0.4
IV(48)	-0.2	-0.0	0.0
IV(49)	6.0	-0.9	2.4
IV(50)	-3.3	0.5	-1.2
IV(51)	4.3	-0.5	1.4
IV(52)	0.8	-0.0	0.1
IV(53)	0.3	-0.9	1.4
IV(54)	-1.2	0.2	-0.4
IV(55)	-2.4	-3.1	4.2
IV(56)	-0.4	-0.1	0.1
IV(57)	-6.0	0.8	-1.7
IV(58)	-0.0	-0.0	0.1
IV(59)	-5.3	-2.0	2.3
IV(60)	-3.0	-1.1	1.3
IV(61)	-8.1	-3.3	4.6
IV(62)	-0.4	-0.1	0.1
IV(63)	-0.4	-0.3	0.7
IV(64)	0.3	0.1	-0.2
IV(65)	2.2	0.4	-0.4

IV(66)	1.0	0.0	0.1
IV(67)	0.0	0.0	-0.0
IV(68)	0.1	-0.4	0.8
IV(69)	0.3	0.1	-0.3
IV(70)	0.0	0.0	-0.0
IV(71)	1.3	-0.4	0.6
IV(72)	0.2	-0.1	0.1
IV(73)	0.0	-0.0	0.0
IV(74)	-0.4	-0.4	0.7
IV(75)	0.1	0.0	-0.0
IV(76)	0.0	-0.0	0.0
IV(77)	0.0	0.0	-0.0
IV(78)	0.0	-0.0	0.0
IV(79)	-0.3	0.0	-0.1
IV(80)	-4.2	-5.4	6.7
IV(81)	1.2	-0.6	1.1
IV(82)	-0.4	-0.3	0.4
IV(83)	-1.3	-0.4	0.5
IV(84)	0.6	-0.2	0.5
IV(85)	0.0	-0.0	0.0
IV(86)	-1.0	0.6	-1.1
IV(87)	-1.5	0.3	-1.2
IV(88)	1.2	-0.2	0.6
IV(89)	-0.2	-0.2	0.3
IV(90)	1.2	0.7	-0.8
IV(91)	0.3	-0.0	0.1
IV(92)	0.3	0.2	-0.2
IV(93)	-0.7	-0.3	0.4
IV(94)	0.1	-0.2	0.2
IV(95)	-0.3	0.0	-0.1
IV(96)	-0.1	-0.1	0.1
IV(97)	-0.9	-0.3	0.4
IV(98)	-0.1	-0.0	0.0
IV(99)	-0.0	-0.0	0.0
IV(100)	-0.6	-0.0	-0.0

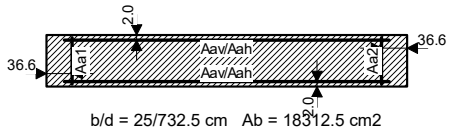
Merodajna kombinacija za upogib:
I+0.30xII-0.30xIII(17)+IV(17)
Merodajna kombinacija za strig:
I+0.30xII+0.30xIII(17)-1.00xIV(17)

Mu =	122.03 kNm		
Nu =	-31.47 kN		
Tu =	153.30 kN		

εb/εa = -1.279/25.000 ‰

Aa1 =	0.00 cm2	(min:5.91)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:5.91)	(osv:4Ø16)
Aav =	±1.05 cm2/m	(min:±1.88)	
Aah =	±1.23 cm2/m	(min:±2.50)	(osv:±Q-335)

Prerez 30 - 30
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/732.5 cm Ab = 18312.5 cm2

No	N [kN]	T [kN]	M [kNm]
I	-1693.7	68.0	-122.8
II	-415.7	15.7	-49.6
III(1)	0.4	1.0	-3.5
III(2)	0.2	-0.3	0.7
III(3)	0.0	0.0	-0.0
III(4)	0.0	-0.0	0.0
III(5)	0.2	-0.6	1.5
III(6)	-0.1	0.2	-0.5
III(7)	-0.8	1.1	-3.3
III(8)	0.7	-0.4	1.0
III(9)	0.0	-0.1	0.2
III(10)	-0.0	0.0	-0.1
III(11)	0.0	-0.0	0.0
III(12)	-0.0	0.0	-0.0
III(13)	0.7	-1.2	2.8
III(14)	0.0	-0.0	0.1
III(15)	-0.3	0.5	-1.3
III(16)	0.3	-0.4	1.1
III(17)	-10.2	15.4	-41.1
III(18)	-5.6	8.1	-21.5
III(19)	-0.8	0.9	-2.8
III(20)	-0.1	0.0	-0.1
III(21)	0.2	-0.1	0.3
III(22)	1.0	-0.2	0.8
III(23)	0.1	-0.0	0.1
III(24)	0.2	-0.5	-1.9
III(25)	1.6	-0.5	2.0
III(26)	0.1	-0.0	-0.1
III(27)	-0.0	0.2	-0.7
III(28)	-0.5	0.3	-0.3
III(29)	84.7	-11.9	-83.2

III(30)	-1.4	-1.8	4.3
III(31)	-3.1	3.7	-11.3
III(32)	-2.4	-5.7	-1.1
III(33)	85.3	-42.3	12.4
III(34)	30.8	8.1	-49.7
III(35)	56.0	-0.1	-50.0
III(36)	5.2	-1.9	-1.5
III(37)	0.8	-0.8	0.9
III(38)	5.5	6.5	-17.0
III(39)	0.1	0.3	-1.8
III(40)	6.9	-0.7	-6.9
III(41)	8.2	-0.9	6.3
III(42)	3.1	-7.2	7.9
III(43)	1.3	-3.8	3.6
III(44)	12.1	2.0	-11.8
III(45)	-3.0	4.5	-7.3
III(46)	29.0	-3.6	-30.4
III(47)	-0.6	0.5	-0.2
III(48)	0.4	0.6	-1.4
III(49)	16.7	-15.0	21.2
III(50)	31.0	-19.4	13.4
III(51)	-11.2	12.0	-22.7
III(52)	-0.4	1.2	-4.6
III(53)	-5.7	18.0	-44.9
III(54)	-0.5	-4.0	15.5
III(55)	4.0	6.8	-26.8
III(56)	-0.4	-0.3	1.2
III(57)	1.1	0.9	-6.3
III(58)	0.5	0.6	-2.7
III(59)	-0.4	-3.9	11.0
III(60)	0.3	1.6	-4.6
III(61)	-0.5	1.7	-3.3
III(62)	0.1	-0.6	1.2
III(63)	-0.1	0.3	-0.5
III(64)	-0.1	2.1	-4.4
III(65)	0.3	-0.3	0.0
III(66)	0.0	0.0	0.0
III(67)	0.2	-0.1	-0.1
III(68)	1.2	-0.5	-0.9
III(69)	-3.6	2.0	2.1
III(70)	-0.1	0.1	-0.0
III(71)	0.2	-0.1	0.4
III(72)	-0.2	0.1	-0.0
III(73)	-0.0	-0.0	0.0
III(74)	1.1	-2.0	2.2
III(75)	-0.2	-0.1	0.5
III(76)	-0.0	0.0	-0.1

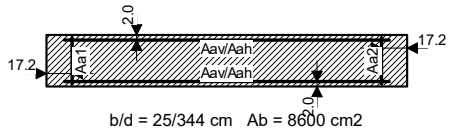
Dimenzioniranje (beton)

III(77)	-0.0	-0.0	0.1
III(78)	0.0	0.2	-0.5
III(79)	0.2	-0.6	2.5
III(80)	-0.3	1.4	-3.6
III(81)	-0.1	0.2	-0.7
III(82)	0.0	0.2	-0.5
III(83)	-0.0	-0.0	0.1
III(84)	-0.9	2.7	-6.1
III(85)	-0.0	0.0	-0.0
III(86)	-0.3	0.7	-1.7
III(87)	-0.4	-1.2	3.1
III(88)	-0.0	0.1	-0.2
III(89)	-0.0	0.1	-0.1
III(90)	-0.4	0.5	-1.0
III(91)	-0.1	-0.1	0.1
III(92)	0.0	-0.2	0.3
III(93)	-0.3	1.5	-2.5
III(94)	0.1	0.2	-0.7
III(95)	-0.2	0.1	0.0
III(96)	-0.5	-0.3	1.0
III(97)	0.3	-0.5	0.8
III(98)	0.1	-0.1	0.1
III(99)	-0.0	0.0	-0.0
III(100)	0.0	-0.0	-0.0
IV(1)	-0.0	-0.0	0.0
IV(2)	-0.0	0.0	-0.0
IV(3)	-0.0	-0.0	0.0
IV(4)	0.1	-0.1	0.2
IV(5)	8.4	-21.7	55.5
IV(6)	16.5	-28.9	74.8
IV(7)	13.3	-17.9	52.1
IV(8)	0.0	-0.0	0.0
IV(9)	0.0	-0.0	0.0
IV(10)	-0.1	0.4	-1.4
IV(11)	0.9	-3.3	7.9
IV(12)	0.2	-0.2	0.8
IV(13)	29.6	-46.7	112.1
IV(14)	4.3	-8.1	16.1
IV(15)	2.2	-4.2	10.5
IV(16)	2.8	-4.3	11.1
IV(17)	304.0	-457.8	1221.5
IV(18)	7.3	-10.5	27.8
IV(19)	-6.4	6.9	-22.2
IV(20)	-0.0	0.0	-0.0
IV(21)	-0.6	0.3	-1.0
IV(22)	-4.3	1.0	-3.6
IV(23)	-8.4	1.7	-9.3
IV(24)	0.1	-0.2	-1.0
IV(25)	-3.6	1.1	-4.5
IV(26)	0.1	-0.0	-0.1
IV(27)	-0.1	0.5	-1.6
IV(28)	2.1	-1.2	1.2
IV(29)	3.2	-0.5	-3.2
IV(30)	-0.9	-1.1	2.7
IV(31)	0.8	-0.9	2.8
IV(32)	-0.2	-0.6	-0.1
IV(33)	21.4	-10.6	3.1
IV(34)	-11.4	-3.0	18.3
IV(35)	-4.2	0.0	3.8
IV(36)	2.7	-1.0	-0.8
IV(37)	0.9	-1.0	1.1
IV(38)	-8.7	-10.3	26.7
IV(39)	-0.3	-1.0	5.1
IV(40)	-4.4	0.4	4.4
IV(41)	-6.6	0.7	-5.0
IV(42)	4.3	-10.1	11.0
IV(43)	3.8	-10.9	10.3
IV(44)	5.6	0.9	-5.4
IV(45)	3.8	-5.7	9.2
IV(46)	4.1	-0.5	-4.3
IV(47)	2.1	-1.5	0.8
IV(48)	-0.1	-0.1	0.4
IV(49)	9.1	-8.2	11.5
IV(50)	-5.7	3.6	-2.5
IV(51)	3.9	-4.2	7.9
IV(52)	0.1	-0.3	1.2
IV(53)	1.5	-4.6	11.4
IV(54)	0.2	1.3	-4.9
IV(55)	-8.0	-13.6	53.4
IV(56)	-0.4	-0.3	1.1
IV(57)	3.5	2.9	-21.0
IV(58)	-0.2	-0.2	0.9
IV(59)	-0.9	-8.9	25.3
IV(60)	-0.8	-4.9	14.4
IV(61)	6.0	-20.6	38.7
IV(62)	0.1	-0.5	1.1
IV(63)	1.1	-3.3	6.0
IV(64)	-0.1	1.0	-2.2
IV(65)	-3.3	3.0	-0.1
IV(66)	0.2	0.2	0.1
IV(67)	-0.0	0.0	0.0
IV(68)	7.3	-3.1	-5.4
IV(69)	-2.3	1.3	1.4
IV(70)	-0.0	0.0	-0.0
IV(71)	1.3	-1.0	3.1
IV(72)	0.5	-0.1	0.1
IV(73)	-0.0	-0.0	0.1
IV(74)	1.3	-2.4	2.7
IV(75)	0.2	0.1	-0.5
IV(76)	0.0	-0.1	0.2
IV(77)	0.0	0.0	-0.1
IV(78)	-0.0	-0.0	0.1
IV(79)	-0.1	0.3	-1.2
IV(80)	3.8	-19.7	50.8
IV(81)	0.8	-3.2	9.2
IV(82)	-0.0	-1.2	3.6
IV(83)	-0.3	-1.5	4.3
IV(84)	0.5	-1.5	3.4
IV(85)	0.0	-0.0	0.0
IV(86)	-1.3	2.9	-6.5
IV(87)	1.5	3.9	-10.4
IV(88)	0.4	-1.2	2.7
IV(89)	0.3	-0.7	1.3
IV(90)	-1.6	2.3	-4.6
IV(91)	-0.3	-0.2	0.3
IV(92)	-0.1	0.6	-1.1
IV(93)	0.2	-1.0	1.7
IV(94)	-0.2	-0.2	0.7
IV(95)	0.2	-0.1	-0.0
IV(96)	-0.3	-0.1	0.5
IV(97)	0.7	-1.0	1.6
IV(98)	0.2	-0.1	0.2
IV(99)	0.0	-0.0	0.0
IV(100)	0.3	-0.2	-0.4

Merodajna kombinacija za upogib:
I+0.30xII+0.30xIII(17)-1.00xIV(17)
Merodajna kombinacija za strig:
I+0.30xII+0.30xIII(17)-1.00xIV(17)
Mu = -1371.47 kNm
Nu = -2125.52 kN
Tu = 535.17 kN

Aa1 =	0.00 cm2	(min:27.47)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:27.47)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.92 cm2/m	(min:±2.50)	(osv:±Q-335)

Prerez 31 - 31
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/344 cm Ab = 8600 cm2

No	N [kN]	T [kN]	M [kNm]
I	-732.2	7.0	-19.6
II	-170.4	1.9	-4.1
III(1)	1.0	0.3	-0.7
III(2)	0.1	-0.1	0.2
III(3)	0.0	0.0	-0.0
III(4)	-0.0	-0.0	0.0
III(5)	-0.2	-0.3	0.7
III(6)	0.0	0.1	-0.1
III(7)	0.5	0.3	-0.9
III(8)	0.1	-0.1	0.4
III(9)	-0.0	-0.0	0.1
III(10)	0.0	0.0	-0.0
III(11)	-0.0	-0.0	0.0
III(12)	0.0	0.0	-0.0
III(13)	-0.2	-0.3	0.9
III(14)	0.0	-0.0	0.0
III(15)	0.1	0.1	-0.4
III(16)	-0.1	-0.1	0.3
III(17)	4.7	4.1	-11.6
III(18)	2.3	2.2	-6.1
III(19)	0.6	0.3	-0.7
III(20)	0.0	0.0	-0.0
III(21)	-0.1	-0.0	0.1
III(22)	-0.1	0.1	-0.1
III(23)	-0.1	-0.0	0.0
III(24)	2.2	0.0	-0.0
III(25)	0.2	-0.1	0.4
III(26)	0.1	-0.0	0.0
III(27)	0.2	0.2	-0.5
III(28)	-0.2	0.1	-0.2
III(29)	61.0	1.5	1.2
III(30)	-0.2	-0.5	1.3
III(31)	4.1	1.0	-2.6
III(32)	13.3	-1.4	3.5
III(33)	48.6	-8.4	26.2
III(34)	19.1	3.1	-6.9
III(35)	28.2	2.2	-3.1
III(36)	3.2	-0.2	0.7
III(37)	0.5	-0.1	0.4
III(38)	1.4	1.4	-3.6
III(39)	0.7	0.1	-0.4

Dimenzioniranje (beton)

III(40)	4.8	0.1	-0.1
III(41)	-0.6	-1.1	3.2
III(42)	3.9	-2.2	5.5
III(43)	2.3	-0.7	2.0
III(44)	4.4	0.8	-1.6
III(45)	-1.3	1.1	-3.0
III(46)	21.7	0.8	-0.5
III(47)	-0.3	0.1	-0.3
III(48)	0.2	0.1	-0.3
III(49)	3.9	-4.3	12.1
III(50)	12.7	-2.6	8.9
III(51)	1.0	2.7	-7.7
III(52)	1.6	0.4	-1.0
III(53)	4.2	5.8	-15.4
III(54)	-4.5	-1.6	4.1
III(55)	6.8	2.7	-6.6
III(56)	-0.3	-0.2	0.4
III(57)	2.7	0.3	-0.7
III(58)	0.7	0.3	-0.6
III(59)	-1.0	-1.4	3.5
III(60)	0.5	0.6	-1.4
III(61)	-0.1	0.5	-1.4
III(62)	0.0	-0.2	0.5
III(63)	-0.0	0.1	-0.2
III(64)	0.3	0.7	-1.8
III(65)	0.3	-0.1	0.2
III(66)	-0.0	0.0	-0.0
III(67)	0.1	-0.0	0.0
III(68)	0.9	-0.0	0.1
III(69)	-2.8	0.1	-0.5
III(70)	-0.0	0.0	-0.0
III(71)	0.0	-0.0	0.0
III(72)	-0.2	-0.0	0.1
III(73)	-0.0	-0.0	0.0
III(74)	0.3	-0.5	1.4
III(75)	-0.2	-0.0	0.1
III(76)	0.0	0.0	-0.0
III(77)	-0.0	-0.0	0.0
III(78)	0.1	0.0	-0.1
III(79)	-0.5	-0.4	1.1
III(80)	0.2	0.3	-0.9
III(81)	0.1	0.1	-0.2
III(82)	0.1	0.1	-0.1
III(83)	-0.0	-0.0	0.0
III(84)	0.5	0.9	-2.4
III(85)	0.0	0.0	-0.0
III(86)	0.1	0.1	-0.3
III(87)	-0.9	-0.3	0.7
III(88)	0.0	0.0	-0.0
III(89)	-0.0	0.0	-0.0
III(90)	-0.2	0.1	-0.2
III(91)	-0.1	0.0	-0.1
III(92)	0.0	-0.0	0.0
III(93)	-0.4	0.1	-0.3
III(94)	0.2	-0.0	0.1
III(95)	-0.3	0.1	-0.3
III(96)	-0.3	-0.0	-0.0
III(97)	0.2	-0.1	0.3
III(98)	0.0	-0.0	0.1
III(99)	-0.0	0.0	-0.0
III(100)	0.1	-0.0	0.0
IV(1)	-0.0	-0.0	0.0
IV(2)	-0.0	0.0	-0.0
IV(3)	-0.0	-0.0	0.0
IV(4)	-0.0	-0.0	0.1
IV(5)	-7.3	-10.2	26.8
IV(6)	-7.2	-7.3	20.9
IV(7)	-7.8	-4.8	13.8
IV(8)	0.0	-0.0	0.0
IV(9)	-0.0	-0.0	0.0
IV(10)	0.4	0.1	-0.3
IV(11)	-0.5	-0.8	2.3
IV(12)	-0.1	-0.1	0.2
IV(13)	-7.5	-13.5	37.1
IV(14)	0.7	-1.8	5.1
IV(15)	-0.7	-1.1	3.0
IV(16)	-1.2	-1.1	3.2
IV(17)	-140.3	-121.4	343.5
IV(18)	-3.0	-2.8	7.9
IV(19)	4.8	2.0	-5.9
IV(20)	0.0	0.0	-0.0
IV(21)	0.3	0.1	-0.3
IV(22)	0.6	-0.4	0.6
IV(23)	4.7	0.8	-2.7
IV(24)	1.2	0.0	-0.0
IV(25)	-0.4	0.2	-0.8
IV(26)	0.1	-0.0	0.0
IV(27)	0.5	0.5	-1.3
IV(28)	0.6	-0.2	0.7
IV(29)	2.3	0.1	0.0
IV(30)	-0.1	-0.3	0.8
IV(31)	-1.0	-0.2	0.7
IV(32)	1.4	-0.1	0.4
IV(33)	12.2	-2.1	6.6
IV(34)	-7.0	-1.2	2.5
IV(35)	-2.1	-0.2	0.2
IV(36)	1.7	-0.1	0.4
IV(37)	0.6	-0.1	0.5
IV(38)	-2.3	-2.2	5.6

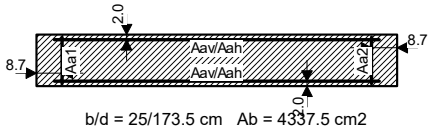
IV(39)	-2.1	-0.4	1.0
IV(40)	-3.1	-0.1	0.0
IV(41)	0.5	0.9	-2.5
IV(42)	5.5	-3.0	7.7
IV(43)	6.5	-2.1	5.8
IV(44)	2.0	0.4	-0.7
IV(45)	1.6	-1.3	3.7
IV(46)	3.1	0.1	-0.1
IV(47)	1.1	-0.3	0.9
IV(48)	-0.1	-0.0	0.1
IV(49)	2.1	-2.4	6.6
IV(50)	-2.4	0.5	-1.6
IV(51)	-0.3	-0.9	2.7
IV(52)	-0.4	-0.1	0.3
IV(53)	-1.1	-1.5	3.9
IV(54)	1.4	0.5	-1.3
IV(55)	-13.5	-5.3	13.1
IV(56)	-0.3	-0.1	0.4
IV(57)	9.0	0.9	-2.4
IV(58)	-0.2	-0.1	0.2
IV(59)	-2.3	-3.2	8.1
IV(60)	-1.6	-1.8	4.5
IV(61)	1.8	-6.3	16.4
IV(62)	0.0	-0.2	0.4
IV(63)	0.2	-1.1	2.9
IV(64)	0.1	0.4	-0.9
IV(65)	-3.0	0.7	-2.0
IV(66)	-0.3	0.0	-0.1
IV(67)	-0.0	0.0	-0.0
IV(68)	5.3	-0.1	0.6
IV(69)	-1.8	0.1	-0.3
IV(70)	-0.0	0.0	-0.0
IV(71)	0.4	-0.1	0.3
IV(72)	0.4	0.1	-0.2
IV(73)	-0.0	-0.0	0.0
IV(74)	0.3	-0.6	1.7
IV(75)	0.1	0.0	-0.1
IV(76)	-0.0	-0.0	0.1
IV(77)	0.0	0.0	-0.0
IV(78)	-0.0	-0.0	0.0
IV(79)	0.2	0.2	-0.5
IV(80)	-3.4	-5.0	12.9
IV(81)	-1.1	-0.9	2.5
IV(82)	-0.5	-0.4	1.0
IV(83)	-0.5	-0.5	1.4
IV(84)	-0.3	-0.5	1.3
IV(85)	-0.0	-0.0	0.0
IV(86)	0.3	0.3	-1.0
IV(87)	3.0	0.9	-2.4
IV(88)	-0.4	-0.2	0.4
IV(89)	0.1	-0.0	0.2
IV(90)	-0.8	0.3	-1.0
IV(91)	-0.2	0.1	-0.1
IV(92)	-0.1	0.0	-0.1
IV(93)	0.3	-0.1	0.2
IV(94)	-0.2	0.0	-0.1
IV(95)	0.2	-0.1	0.2
IV(96)	-0.2	-0.0	-0.0
IV(97)	0.4	-0.2	0.6
IV(98)	0.1	-0.1	0.2
IV(99)	0.0	-0.0	0.0
IV(100)	0.6	-0.0	0.1

Merodajna kombinacija za upogib:
1.35xI+1.50xII
Merodajna kombinacija za strig:
I+0.30xII+0.30xIII(17)-1.00xIV(17)

Mu =	-32.56 kNm		
Nu =	-1244.05 kN		
Tu =	130.20 kN		
Aa1 =	0.00 cm2	(min:12.90)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:12.90)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.48 cm2/m	(min:±2.50)	(osv:±Q-335)

Dimenzioniranje (beton)

Prerez 32 - 32
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/173.5 cm Ab = 4337.5 cm2

No	N [kN]	T [kN]	M [kNm]
I	-370.5	-5.5	8.2
II	-79.8	-2.2	2.5
III(1)	0.1	0.3	-0.4
III(2)	-0.0	-0.0	0.0
III(3)	0.0	0.0	-0.0
III(4)	0.0	-0.0	0.0
III(5)	0.3	-0.6	0.8
III(6)	-0.0	0.0	-0.1
III(7)	-0.1	0.3	-0.4
III(8)	0.2	-0.1	0.2
III(9)	0.0	-0.0	0.0
III(10)	-0.0	0.0	-0.0
III(11)	0.0	-0.0	0.0
III(12)	-0.0	0.0	-0.0
III(13)	0.2	-0.3	0.5
III(14)	0.0	-0.0	0.0
III(15)	-0.1	0.1	-0.2
III(16)	0.0	-0.1	0.2
III(17)	-1.5	3.6	-5.7
III(18)	-0.9	1.9	-3.0
III(19)	0.1	0.2	-0.4
III(20)	0.0	0.0	-0.0
III(21)	-0.1	-0.0	0.1
III(22)	-0.5	0.6	-0.6
III(23)	-0.0	-0.0	0.0
III(24)	1.7	0.1	-0.2
III(25)	0.5	-0.0	0.1
III(26)	0.1	0.0	-0.0
III(27)	-0.2	0.7	-0.9
III(28)	0.1	0.1	-0.1
III(29)	19.4	1.4	-1.3
III(30)	0.8	-0.4	0.6
III(31)	4.2	0.9	-1.5
III(32)	16.4	-1.3	1.0
III(33)	32.9	-7.2	11.1
III(34)	4.2	3.0	-4.2
III(35)	4.5	2.7	-2.9
III(36)	1.0	-0.1	0.2
III(37)	0.1	-0.1	0.1
III(38)	-0.7	1.2	-1.6
III(39)	0.1	0.1	-0.2
III(40)	1.7	0.0	-0.1
III(41)	7.4	-1.7	2.0
III(42)	5.3	-2.2	2.9
III(43)	0.6	-0.3	0.7
III(44)	0.4	0.7	-0.8
III(45)	-1.3	1.0	-1.5
III(46)	7.1	1.1	-1.3
III(47)	-0.2	0.1	-0.1
III(48)	-0.0	-0.0	-0.0
III(49)	4.8	-7.0	9.5
III(50)	0.9	-0.6	1.7
III(51)	2.3	2.3	-3.7
III(52)	1.2	0.4	-0.7
III(53)	-8.8	7.2	-9.8
III(54)	-0.9	-2.0	2.8
III(55)	-2.8	2.7	-4.0
III(56)	0.2	-0.2	0.3
III(57)	0.7	0.1	-0.2
III(58)	-0.2	0.2	-0.4
III(59)	2.9	-1.3	1.9
III(60)	-1.2	0.5	-0.8
III(61)	-0.7	0.5	-0.8
III(62)	0.4	-0.2	0.3
III(63)	-0.1	0.1	-0.2
III(64)	-0.8	0.5	-1.0
III(65)	0.2	-0.0	0.1
III(66)	-0.1	-0.0	0.0
III(67)	0.0	-0.0	0.0
III(68)	-0.0	-0.0	0.1
III(69)	0.5	-0.4	0.2
III(70)	0.1	0.0	-0.0
III(71)	0.2	-0.0	0.0
III(72)	-0.2	-0.0	0.1
III(73)	-0.0	-0.0	0.0
III(74)	-1.1	-0.8	1.2
III(75)	0.0	-0.0	0.1
III(76)	-0.0	0.0	-0.0
III(77)	0.0	-0.0	0.0
III(78)	-0.0	0.0	-0.1
III(79)	0.5	-0.8	1.1
III(80)	-0.4	0.4	-0.5
III(81)	-0.0	0.1	-0.1
III(82)	-0.0	0.0	-0.1
III(83)	0.0	-0.0	0.0
III(84)	-1.1	1.6	-1.9
III(85)	-0.0	0.0	-0.0
III(86)	-0.1	-0.1	0.1
III(87)	-0.1	-0.0	0.1
III(88)	0.0	0.0	-0.0
III(89)	0.0	-0.0	0.0
III(90)	-0.2	0.0	-0.0
III(91)	-0.2	0.0	-0.1
III(92)	-0.0	0.0	-0.0
III(93)	0.4	0.1	0.0
III(94)	0.3	-0.0	0.1
III(95)	-0.3	0.1	-0.2
III(96)	-0.3	0.1	-0.2
III(97)	0.2	-0.1	0.2
III(98)	0.1	-0.1	0.1
III(99)	0.0	-0.0	0.0
III(100)	0.0	-0.0	0.0
IV(1)	-0.0	-0.0	0.0
IV(2)	0.0	0.0	-0.0
IV(3)	-0.0	-0.0	0.0
IV(4)	0.0	-0.0	0.0
IV(5)	12.6	-24.3	31.6
IV(6)	0.5	-6.0	10.0
IV(7)	1.0	-4.2	6.7
IV(8)	0.0	-0.0	0.0
IV(9)	0.0	-0.0	0.0
IV(10)	-0.0	0.1	-0.1
IV(11)	0.4	-0.7	1.1
IV(12)	0.0	-0.1	0.1
IV(13)	8.2	-13.0	19.6
IV(14)	0.0	-1.5	2.5
IV(15)	0.8	-0.9	1.4
IV(16)	0.5	-1.0	1.6
IV(17)	44.2	-106.7	170.5
IV(18)	1.1	-2.5	3.9
IV(19)	0.5	1.9	-3.1
IV(20)	0.0	0.0	-0.0
IV(21)	0.2	0.1	-0.2
IV(22)	2.3	-2.6	2.8
IV(23)	3.6	1.0	-1.9
IV(24)	0.9	0.0	-0.1
IV(25)	-1.0	0.0	-0.2
IV(26)	0.0	0.0	-0.0
IV(27)	-0.4	1.5	-2.0
IV(28)	-0.2	-0.2	0.4
IV(29)	0.7	0.1	-0.1
IV(30)	0.5	-0.3	0.4
IV(31)	-1.1	-0.2	0.4
IV(32)	1.7	-0.1	0.1
IV(33)	8.2	-1.8	2.8
IV(34)	-1.5	-1.1	1.6
IV(35)	-0.3	-0.2	0.2
IV(36)	0.5	-0.0	0.1
IV(37)	0.1	-0.1	0.2
IV(38)	1.0	-1.8	2.5
IV(39)	-0.4	-0.4	0.6
IV(40)	-1.1	-0.0	0.1
IV(41)	-6.0	1.4	-1.6
IV(42)	7.5	-3.1	4.1
IV(43)	1.7	-0.8	2.0
IV(44)	0.2	0.3	-0.4
IV(45)	1.7	-1.3	1.9
IV(46)	1.0	0.2	-0.2
IV(47)	0.6	-0.2	0.4
IV(48)	0.0	0.0	0.0
IV(49)	2.6	-3.8	5.2
IV(50)	-0.2	0.1	-0.3
IV(51)	-0.8	-0.8	1.3
IV(52)	-0.3	-0.1	0.2
IV(53)	2.2	-1.8	2.5
IV(54)	0.3	0.6	-0.9
IV(55)	5.5	-5.5	7.9
IV(56)	0.2	-0.2	0.3
IV(57)	2.4	0.4	-0.8
IV(58)	0.1	-0.1	0.1
IV(59)	6.7	-3.0	4.5
IV(60)	3.6	-1.6	2.4
IV(61)	8.1	-5.8	9.6
IV(62)	0.3	-0.2	0.2
IV(63)	1.7	-1.1	1.8
IV(64)	-0.4	0.3	-0.5
IV(65)	-1.8	0.5	-1.0
IV(66)	-0.7	-0.1	0.1
IV(67)	-0.0	0.0	-0.0
IV(68)	-0.2	-0.2	0.3
IV(69)	0.3	-0.3	0.1
IV(70)	0.0	0.0	-0.0
IV(71)	1.4	-0.3	0.0
IV(72)	0.6	0.1	-0.3
IV(73)	-0.0	-0.0	0.0
IV(74)	-1.3	-1.0	1.4
IV(75)	-0.0	0.0	-0.0
IV(76)	0.0	-0.0	0.0
IV(77)	-0.0	0.0	-0.0
IV(78)	0.0	-0.0	0.0
IV(79)	-0.2	0.4	-0.5
IV(80)	6.0	-5.8	7.0

Dimenzioniranje (beton)

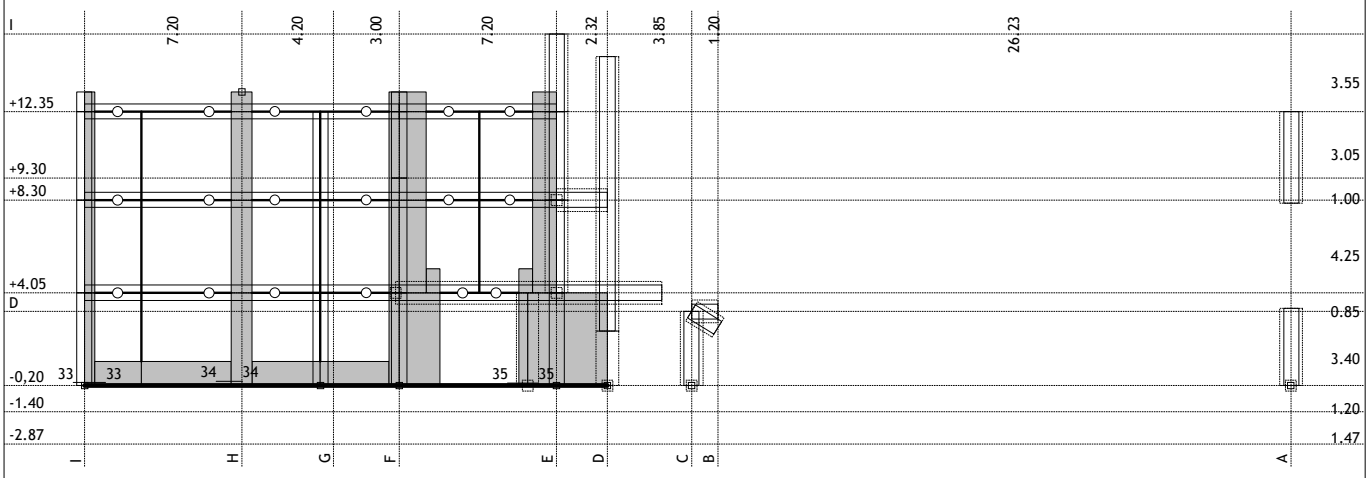
IV(81)	0.5	-0.8	1.2
IV(82)	0.0	-0.3	0.5
IV(83)	0.0	-0.8	1.0
IV(84)	0.6	-0.9	1.1
IV(85)	0.0	-0.0	0.0
IV(86)	-0.5	-0.3	0.4
IV(87)	0.5	0.1	-0.5
IV(88)	-0.4	-0.1	0.1
IV(89)	-0.2	0.1	-0.1
IV(90)	-1.0	0.1	-0.1
IV(91)	-0.5	0.1	-0.2
IV(92)	0.2	-0.0	0.1
IV(93)	-0.2	-0.1	-0.0
IV(94)	-0.4	0.0	-0.1
IV(95)	0.2	-0.1	0.2
IV(96)	-0.1	0.0	-0.1
IV(97)	0.5	-0.2	0.4

IV(98)	0.2	-0.1	0.1
IV(99)	-0.0	0.0	-0.0
IV(100)	0.2	-0.0	0.1

Merodajna kombinacija za upogib:
1.35xI+1.50xII
Merodajna kombinacija za strig:
I+0.30xII-0.30xIII(17)+IV(17)

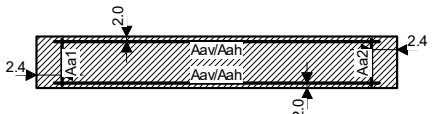
Mu =	14.84 kNm		
Nu =	-619.76 kN		
Tu =	-114.02 kN		
Aa1 =	0.00 cm2	(min:6.51)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:6.51)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.83 cm2/m	(min:±2.50)	(osv:±Q-335)

Dimenzioniranje (beton)



Okvir: os 5a
Dispozicija prerezov

Prerez 33 - 33
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/47.5 cm Ab = 1187.5 cm2

No	N [kN]	T [kN]	M [kNm]
I	-81.1	1.7	-1.9
II	-13.7	0.4	-0.4
III(1)	-0.5	-0.0	-0.0
III(2)	0.1	-0.0	0.0
III(3)	-0.0	-0.0	-0.0
III(4)	0.0	-0.0	0.0
III(5)	-0.0	-0.0	0.0
III(6)	-0.0	0.0	-0.0
III(7)	0.4	0.0	0.0
III(8)	-0.4	-0.0	-0.0
III(9)	0.0	-0.0	0.0
III(10)	-0.0	0.0	-0.0
III(11)	0.0	-0.0	0.0
III(12)	0.0	0.0	0.0
III(13)	-0.2	-0.0	0.0
III(14)	0.0	-0.0	0.0
III(15)	-0.1	0.0	-0.0
III(16)	-0.1	-0.0	-0.0
III(17)	3.0	0.2	0.0
III(18)	1.7	0.1	0.0
III(19)	0.9	0.0	0.0
III(20)	0.1	0.0	0.0
III(21)	-0.2	-0.0	-0.0
III(22)	-1.0	0.0	-0.0
III(23)	-0.2	-0.0	-0.0
III(24)	3.0	0.0	0.1
III(25)	1.1	0.2	0.0
III(26)	0.0	-0.0	0.0
III(27)	0.3	0.0	0.0
III(28)	0.4	0.0	0.0
III(29)	-38.4	0.5	-1.5
III(30)	5.0	-0.0	0.2
III(31)	11.1	0.3	0.3
III(32)	36.9	0.5	1.2
III(33)	-32.5	-0.4	-1.1
III(34)	-37.2	0.1	-1.3
III(35)	-58.7	0.1	-2.1
III(36)	-2.3	0.0	-0.1
III(37)	0.4	-0.0	0.0
III(38)	-15.0	0.0	-0.5
III(39)	0.9	0.0	0.0
III(40)	-4.6	0.0	-0.2
III(41)	-15.4	-0.0	-0.5
III(42)	-0.9	-0.5	0.1
III(43)	3.4	-0.1	0.2
III(44)	-16.6	0.2	-0.6
III(45)	-1.4	0.1	-0.1
III(46)	-13.7	0.1	-0.5
III(47)	0.4	0.0	0.0
III(48)	-0.8	0.0	-0.0
III(49)	-10.0	-0.4	-0.3
III(50)	-10.0	-0.2	-0.3
III(51)	10.4	0.3	0.3
III(52)	3.2	0.1	0.1
III(53)	-0.0	0.5	-0.1
III(54)	-3.8	-0.1	-0.1
III(55)	0.0	0.3	-0.1
III(56)	0.3	-0.0	0.0
III(57)	1.1	-0.0	0.0
III(58)	0.5	0.0	0.0
III(59)	1.5	-0.2	0.1
III(60)	-0.6	0.1	-0.0
III(61)	0.0	0.1	-0.0
III(62)	0.2	-0.0	0.0
III(63)	0.1	0.0	-0.0
III(64)	0.3	0.1	-0.0
III(65)	0.1	-0.0	0.0
III(66)	-0.1	-0.0	-0.0
III(67)	0.0	0.0	-0.0
III(68)	-0.2	-0.0	-0.0
III(69)	-0.1	0.0	-0.0
III(70)	0.0	0.0	-0.0
III(71)	-0.2	-0.0	-0.0
III(72)	0.2	-0.0	0.0
III(73)	-0.0	-0.0	-0.0
III(74)	-0.6	-0.1	0.0
III(75)	0.0	0.0	0.0
III(76)	0.0	0.0	-0.0
III(77)	0.0	-0.0	0.0
III(78)	0.0	0.0	-0.0
III(79)	0.2	-0.1	0.0
III(80)	0.2	0.1	-0.0
III(81)	0.0	0.0	-0.0
III(82)	-0.0	0.0	-0.0
III(83)	0.0	-0.0	0.0
III(84)	0.4	0.3	-0.1
III(85)	-0.0	0.0	-0.0
III(86)	0.2	0.0	-0.0
III(87)	-0.5	-0.1	0.0
III(88)	0.0	0.0	-0.0
III(89)	-0.0	0.0	-0.0
III(90)	-0.2	0.0	-0.0
III(91)	-0.1	-0.0	-0.0
III(92)	0.0	-0.0	0.0
III(93)	-0.5	0.1	-0.0
III(94)	-0.0	0.0	-0.0
III(95)	-0.2	0.0	-0.0
III(96)	0.2	-0.1	0.0
III(97)	0.3	-0.1	0.0
III(98)	0.0	-0.0	0.0
III(99)	-0.0	0.0	-0.0
III(100)	0.1	0.0	0.0
IV(1)	0.0	0.0	0.0
IV(2)	-0.0	0.0	-0.0
IV(3)	0.0	0.0	0.0
IV(4)	0.0	-0.0	0.0
IV(5)	-0.0	-0.5	0.1
IV(6)	2.4	-0.3	0.2
IV(7)	-6.0	-0.2	-0.1
IV(8)	-0.0	-0.0	-0.0
IV(9)	0.0	-0.0	0.0
IV(10)	-0.0	0.0	-0.0
IV(11)	2.4	-0.0	0.1
IV(12)	-0.1	-0.0	-0.0
IV(13)	-9.5	-1.5	0.1
IV(14)	3.3	-0.0	0.1

Dimenzioniranje (beton)

IV(15)	0.6	-0.0	0.0
IV(16)	-1.1	-0.1	-0.0
IV(17)	-87.9	-6.4	-0.9
IV(18)	-2.2	-0.1	-0.0
IV(19)	6.7	0.2	0.2
IV(20)	0.0	0.0	0.0
IV(21)	0.7	0.0	0.0
IV(22)	4.3	-0.0	0.2
IV(23)	16.5	0.2	0.5
IV(24)	1.6	0.0	0.0
IV(25)	-2.5	-0.4	-0.0
IV(26)	0.0	-0.0	0.0
IV(27)	0.7	0.0	0.0
IV(28)	-1.6	-0.0	-0.0
IV(29)	-1.5	0.0	-0.1
IV(30)	3.1	-0.0	0.1
IV(31)	-2.8	-0.1	-0.1
IV(32)	3.8	0.1	0.1
IV(33)	-8.1	-0.1	-0.3
IV(34)	13.7	-0.0	0.5
IV(35)	4.4	-0.0	0.2
IV(36)	-1.2	0.0	-0.0
IV(37)	0.5	-0.0	0.0
IV(38)	23.5	-0.1	0.9
IV(39)	-2.8	-0.1	-0.1
IV(40)	2.9	-0.0	0.1
IV(41)	12.3	0.0	0.4
IV(42)	-1.3	-0.7	0.1
IV(43)	9.7	-0.4	0.4
IV(44)	-7.7	0.1	-0.3
IV(45)	1.8	-0.1	0.1
IV(46)	-2.0	0.0	-0.1
IV(47)	-1.3	-0.1	-0.0
IV(48)	0.2	-0.0	0.0
IV(49)	-5.4	-0.2	-0.1
IV(50)	1.8	0.0	0.1
IV(51)	-3.6	-0.1	-0.1
IV(52)	-0.8	-0.0	-0.0
IV(53)	0.0	-0.1	0.0
IV(54)	1.2	0.0	0.0
IV(55)	-0.0	-0.7	0.2
IV(56)	0.2	-0.0	0.0
IV(57)	3.5	-0.0	0.1
IV(58)	-0.2	-0.0	-0.0
IV(59)	3.5	-0.4	0.2
IV(60)	2.0	-0.2	0.1
IV(61)	-0.4	-0.8	0.2
IV(62)	0.2	-0.0	0.0
IV(63)	-1.1	-0.2	0.0
IV(64)	0.1	0.1	-0.0
IV(65)	-1.3	0.0	-0.1

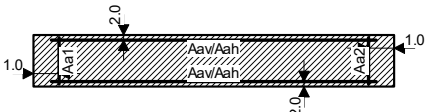
IV(66)	-0.6	-0.1	-0.0
IV(67)	-0.0	-0.0	0.0
IV(68)	-1.4	-0.0	-0.0
IV(69)	-0.1	0.0	-0.0
IV(70)	0.0	0.0	-0.0
IV(71)	-1.5	-0.0	-0.1
IV(72)	-0.4	0.0	-0.0
IV(73)	-0.0	-0.0	-0.0
IV(74)	-0.8	-0.2	0.0
IV(75)	-0.0	-0.0	-0.0
IV(76)	-0.0	-0.0	0.0
IV(77)	-0.0	0.0	-0.0
IV(78)	-0.0	-0.0	0.0
IV(79)	-0.1	0.0	-0.0
IV(80)	-3.3	-0.8	0.1
IV(81)	-0.1	-0.3	0.1
IV(82)	0.1	-0.1	0.0
IV(83)	0.5	-0.1	0.0
IV(84)	-0.2	-0.2	0.0
IV(85)	0.0	-0.0	0.0
IV(86)	0.6	0.1	-0.0
IV(87)	1.7	0.3	-0.0
IV(88)	-0.4	-0.2	0.0
IV(89)	0.0	-0.0	0.0
IV(90)	-0.8	0.1	-0.1
IV(91)	-0.2	-0.0	-0.0
IV(92)	-0.1	0.0	-0.0
IV(93)	0.4	-0.1	0.0
IV(94)	0.0	-0.0	0.0
IV(95)	0.2	-0.0	0.0
IV(96)	0.1	-0.1	0.0
IV(97)	0.6	-0.2	0.1
IV(98)	0.0	-0.0	0.0
IV(99)	0.0	-0.0	0.0
IV(100)	0.5	0.0	0.0

Merodajna kombinacija za upogib:
I+0.30xII+0.30xIII(17)-1.00xIV(17)
Merodajna kombinacija za strig:
I+0.30xII+0.30xIII(17)-1.00xIV(17)
Mu = -1.02 kNm
Nu = 3.57 kN
Tu = 8.29 kN

εb/εa = -0.345/25.000 ‰

Aa1 =	0.00 cm2	(min:1.78)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:1.78)	(osv:4Ø16)
Aav =	±0.21 cm2/m	(min:±1.88)	
Aah =	±0.22 cm2/m	(min:±2.50)	(osv:±Q-335)

Prerez 34 - 34
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/20.4595 cm Ab = 511.486 cm2

No	N [kN]	T [kN]	M [kNm]
I	-42.2	5.5	0.2
II	-11.5	1.5	0.0
III(1)	-0.0	-0.0	0.0
III(2)	0.0	-0.0	-0.0
III(3)	0.0	-0.0	-0.0
III(4)	0.0	-0.0	-0.0
III(5)	0.0	-0.0	-0.0
III(6)	-0.0	0.0	0.0
III(7)	-0.0	0.0	0.0
III(8)	0.0	-0.0	-0.0
III(9)	0.0	-0.0	-0.0
III(10)	-0.0	0.0	0.0
III(11)	0.0	-0.0	-0.0
III(12)	-0.0	0.0	0.0
III(13)	0.0	-0.0	-0.0
III(14)	-0.0	0.0	-0.0
III(15)	-0.0	0.0	0.0
III(16)	0.0	-0.0	-0.0
III(17)	-0.1	0.0	0.0
III(18)	-0.0	0.0	0.0
III(19)	-0.0	0.0	0.0
III(20)	-0.0	0.0	0.0
III(21)	0.0	-0.0	-0.0
III(22)	0.0	0.0	-0.0
III(23)	0.0	-0.0	-0.0
III(24)	-0.0	0.0	0.0
III(25)	-0.0	0.0	0.0
III(26)	-0.0	0.0	0.0
III(27)	-0.0	0.0	0.0
III(28)	0.0	-0.0	0.0
III(29)	-0.6	0.1	0.0

III(30)	0.0	-0.0	0.0
III(31)	-0.1	0.0	0.0
III(32)	-0.2	0.0	0.0
III(33)	-0.3	0.1	0.0
III(34)	-0.2	0.0	0.0
III(35)	-0.3	0.1	0.0
III(36)	-0.0	0.0	0.0
III(37)	-0.0	0.0	0.0
III(38)	-0.0	0.0	0.0
III(39)	-0.0	0.0	0.0
III(40)	-0.1	0.0	0.0
III(41)	0.0	-0.0	-0.0
III(42)	0.1	-0.0	-0.0
III(43)	0.0	-0.0	-0.0
III(44)	-0.1	0.0	0.0
III(45)	0.0	-0.0	0.0
III(46)	-0.2	0.0	0.0
III(47)	-0.0	0.0	0.0
III(48)	-0.0	0.0	0.0
III(49)	0.0	-0.0	-0.0
III(50)	-0.1	0.0	0.0
III(51)	-0.1	0.0	0.0
III(52)	-0.0	0.0	0.0
III(53)	-0.2	0.0	0.0
III(54)	0.1	-0.0	-0.0
III(55)	-0.2	0.0	0.0
III(56)	0.0	-0.0	-0.0
III(57)	-0.0	0.0	0.0
III(58)	-0.0	0.0	0.0
III(59)	0.1	-0.0	-0.0
III(60)	-0.0	0.0	0.0
III(61)	-0.0	0.0	0.0
III(62)	0.0	-0.0	-0.0
III(63)	-0.0	0.0	0.0
III(64)	-0.0	0.0	0.0
III(65)	-0.0	0.0	0.0
III(66)	0.0	-0.0	-0.0
III(67)	-0.0	0.0	0.0
III(68)	-0.0	0.0	0.0
III(69)	0.0	-0.0	-0.0
III(70)	-0.0	0.0	0.0
III(71)	-0.0	-0.0	0.0
III(72)	0.0	-0.0	-0.0
III(73)	0.0	-0.0	-0.0
III(74)	0.0	-0.0	-0.0
III(75)	0.0	-0.0	-0.0
III(76)	-0.0	0.0	0.0

Dimenzioniranje (beton)

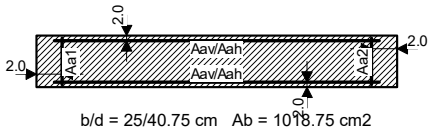
III(77)	0.0	-0.0	-0.0
III(78)	-0.0	0.0	0.0
III(79)	0.0	-0.0	-0.0
III(80)	-0.0	0.0	0.0
III(81)	-0.0	0.0	0.0
III(82)	-0.0	0.0	0.0
III(83)	0.0	-0.0	-0.0
III(84)	-0.1	0.0	0.0
III(85)	-0.0	0.0	0.0
III(86)	-0.0	0.0	0.0
III(87)	0.0	-0.0	-0.0
III(88)	-0.0	0.0	0.0
III(89)	-0.0	0.0	0.0
III(90)	-0.0	0.0	0.0
III(91)	0.0	-0.0	-0.0
III(92)	0.0	-0.0	-0.0
III(93)	-0.0	0.0	0.0
III(94)	-0.0	0.0	0.0
III(95)	0.0	0.0	0.0
III(96)	0.0	-0.0	-0.0
III(97)	0.0	-0.0	-0.0
III(98)	0.0	-0.0	-0.0
III(99)	0.0	-0.0	-0.0
III(100)	-0.0	0.0	0.0
IV(1)	0.0	0.0	-0.0
IV(2)	-0.0	0.0	0.0
IV(3)	-0.0	0.0	0.0
IV(4)	0.0	-0.0	-0.0
IV(5)	0.1	-0.0	-0.0
IV(6)	0.1	-0.0	-0.0
IV(7)	0.1	-0.0	-0.0
IV(8)	0.0	-0.0	-0.0
IV(9)	0.0	-0.0	-0.0
IV(10)	-0.0	0.0	0.0
IV(11)	0.0	-0.0	-0.0
IV(12)	0.0	-0.0	-0.0
IV(13)	0.5	-0.1	-0.0
IV(14)	-0.0	0.0	-0.0
IV(15)	0.0	-0.0	-0.0
IV(16)	0.0	-0.0	-0.0
IV(17)	2.6	-0.3	-0.0
IV(18)	0.1	-0.0	-0.0
IV(19)	-0.1	0.0	0.0
IV(20)	-0.0	0.0	0.0
IV(21)	-0.0	0.0	0.0
IV(22)	-0.0	-0.0	0.0
IV(23)	-0.1	0.0	0.0
IV(24)	-0.0	0.0	0.0
IV(25)	0.1	-0.0	-0.0
IV(26)	-0.0	0.0	0.0
IV(27)	-0.0	0.0	0.0
IV(28)	-0.0	0.0	-0.0
IV(29)	-0.0	0.0	0.0
IV(30)	0.0	-0.0	0.0
IV(31)	0.0	-0.0	-0.0
IV(32)	-0.0	0.0	0.0
IV(33)	-0.1	0.0	0.0
IV(34)	0.1	-0.0	-0.0
IV(35)	0.0	-0.0	-0.0
IV(36)	-0.0	0.0	0.0
IV(37)	-0.0	0.0	0.0
IV(38)	0.0	-0.0	-0.0
IV(39)	0.0	-0.0	-0.0
IV(40)	0.0	-0.0	-0.0
IV(41)	-0.0	0.0	0.0
IV(42)	0.2	-0.0	-0.0
IV(43)	0.1	-0.0	-0.0
IV(44)	-0.0	0.0	0.0

IV(45)	-0.0	0.0	-0.0
IV(46)	-0.0	0.0	0.0
IV(47)	0.0	-0.0	-0.0
IV(48)	0.0	-0.0	-0.0
IV(49)	0.0	-0.0	-0.0
IV(50)	0.0	-0.0	-0.0
IV(51)	0.0	-0.0	-0.0
IV(52)	0.0	-0.0	-0.0
IV(53)	0.0	-0.0	-0.0
IV(54)	-0.0	0.0	0.0
IV(55)	0.3	-0.0	-0.0
IV(56)	0.0	-0.0	-0.0
IV(57)	-0.1	0.0	0.0
IV(58)	0.0	-0.0	-0.0
IV(59)	0.1	-0.0	-0.0
IV(60)	0.1	-0.0	-0.0
IV(61)	0.2	-0.0	-0.0
IV(62)	0.0	-0.0	-0.0
IV(63)	0.0	-0.0	-0.0
IV(64)	-0.0	0.0	0.0
IV(65)	0.0	-0.0	-0.0
IV(66)	0.0	-0.0	-0.0
IV(67)	0.0	-0.0	-0.0
IV(68)	-0.1	0.0	0.0
IV(69)	0.0	-0.0	-0.0
IV(70)	-0.0	0.0	0.0
IV(71)	-0.0	-0.0	0.0
IV(72)	-0.0	0.0	0.0
IV(73)	0.0	-0.0	-0.0
IV(74)	0.0	-0.0	-0.0
IV(75)	-0.0	0.0	0.0
IV(76)	0.0	-0.0	-0.0
IV(77)	-0.0	0.0	0.0
IV(78)	0.0	-0.0	-0.0
IV(79)	-0.0	0.0	0.0
IV(80)	0.2	-0.0	-0.0
IV(81)	0.1	-0.0	-0.0
IV(82)	0.0	-0.0	-0.0
IV(83)	0.0	-0.0	-0.0
IV(84)	0.0	-0.0	-0.0
IV(85)	0.0	-0.0	-0.0
IV(86)	-0.0	0.0	0.0
IV(87)	-0.1	0.0	0.0
IV(88)	0.0	-0.0	-0.0
IV(89)	0.0	-0.0	-0.0
IV(90)	-0.0	0.0	0.0
IV(91)	0.0	-0.0	-0.0
IV(92)	-0.0	0.0	0.0
IV(93)	0.0	-0.0	-0.0
IV(94)	0.0	-0.0	-0.0
IV(95)	-0.0	-0.0	-0.0
IV(96)	0.0	-0.0	-0.0
IV(97)	0.0	-0.0	-0.0
IV(98)	0.0	-0.0	-0.0
IV(99)	-0.0	0.0	0.0
IV(100)	-0.0	0.0	0.0

Merodajna kombinacija za upogib: 1.35xI+1.50xII
Merodajna kombinacija za strig: 1.35xI+1.50xII
Mu = 0.27 kNm
Nu = -74.23 kN
Tu = 9.64 kN

Aa1 =	0.00 cm2	(min:0.77)	(osv:4Ø16)
Aa2 =	0.00 cm2	(min:0.77)	(osv:4Ø16)
Aav =	±0.00 cm2/m	(min:±1.88)	
Aah =	±0.60 cm2/m	(min:±2.50)	(osv:±Q-335)

Prerez 35 - 35
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/40.75 cm Ab = 1018.75 cm2

No	N [kN]	T [kN]	M [kNm]
I	-67.8	2.4	-0.3
II	-11.3	0.5	-0.0
III(1)	0.9	-0.4	0.0
III(2)	1.0	-0.3	0.0
III(3)	0.0	-0.0	0.0
III(4)	0.0	-0.0	0.0
III(5)	0.1	-0.0	0.0
III(6)	-0.1	0.0	-0.0
III(7)	-0.6	0.1	-0.0
III(8)	0.7	-0.2	0.0
III(9)	0.1	-0.0	0.0
III(10)	0.0	-0.0	0.0
III(11)	0.0	-0.0	0.0
III(12)	0.0	-0.0	0.0
III(13)	1.6	-0.4	0.0
III(14)	0.0	0.0	0.0
III(15)	-0.1	0.0	-0.0
III(16)	0.5	-0.1	0.0
III(17)	-6.1	0.9	-0.2
III(18)	-3.4	0.5	-0.1
III(19)	-0.8	0.1	-0.0
III(20)	-0.1	0.0	-0.0
III(21)	0.2	-0.0	0.0
III(22)	0.4	-0.0	0.0
III(23)	0.2	-0.0	0.0
III(24)	-3.0	0.5	-0.1
III(25)	-11.5	1.9	-0.3
III(26)	0.1	-0.0	0.0
III(27)	-0.1	0.1	-0.0
III(28)	-0.3	0.0	-0.0
III(29)	-0.6	1.4	0.0
III(30)	-1.0	0.2	-0.0
III(31)	-18.6	3.4	-0.5
III(32)	-33.8	6.5	-0.9
III(33)	20.0	-1.8	0.6
III(34)	11.0	-1.5	0.3
III(35)	15.4	-2.0	0.4
III(36)	0.7	-0.0	0.0
III(37)	0.1	-0.0	0.0
III(38)	1.7	-0.3	0.0
III(39)	-1.3	0.3	-0.0
III(40)	0.1	0.0	0.0
III(41)	-0.0	0.3	0.0

Dimenzioniranje (beton)

III(42)	25.5	-4.5	0.7
III(43)	7.1	-1.3	0.2
III(44)	-6.4	1.3	-0.2
III(45)	-0.1	-0.0	-0.0
III(46)	2.9	-0.3	0.1
III(47)	-1.1	0.2	-0.0
III(48)	-1.4	0.3	-0.0
III(49)	3.8	-0.9	0.1
III(50)	4.6	-0.7	0.1
III(51)	-6.4	1.3	-0.2
III(52)	-1.2	0.2	-0.0
III(53)	-2.8	0.6	-0.1
III(54)	1.1	0.2	0.0
III(55)	-3.3	1.0	-0.1
III(56)	0.6	-0.1	0.0
III(57)	1.6	-0.3	0.0
III(58)	-0.1	0.0	-0.0
III(59)	1.0	-0.2	0.0
III(60)	-0.4	0.1	-0.0
III(61)	-0.5	0.1	-0.0
III(62)	0.1	0.0	0.0
III(63)	-0.1	0.0	-0.0
III(64)	-1.1	0.2	-0.0
III(65)	0.1	0.0	0.0
III(66)	0.0	-0.1	0.0
III(67)	0.0	0.0	-0.0
III(68)	0.1	-0.1	0.0
III(69)	-1.0	0.2	-0.0
III(70)	-0.0	0.0	-0.0
III(71)	-0.1	0.0	-0.0
III(72)	0.0	-0.1	0.0
III(73)	-0.0	0.0	-0.0
III(74)	0.6	-0.4	0.0
III(75)	-0.1	0.0	-0.0
III(76)	-0.0	0.0	-0.0
III(77)	-0.0	0.0	-0.0
III(78)	-0.0	0.0	-0.0
III(79)	-0.5	-0.0	-0.0
III(80)	-0.1	0.1	-0.0
III(81)	-0.1	0.0	-0.0
III(82)	-0.0	0.0	-0.0
III(83)	0.0	-0.0	0.0
III(84)	-2.1	0.6	-0.1
III(85)	-0.0	0.0	-0.0
III(86)	-0.0	-0.0	-0.0
III(87)	0.3	-0.0	0.0
III(88)	-0.0	0.0	-0.0
III(89)	0.0	-0.0	0.0
III(90)	-0.0	0.0	-0.0
III(91)	0.1	-0.0	0.0
III(92)	0.1	0.0	0.0
III(93)	-0.4	0.1	-0.0
III(94)	-0.1	0.1	-0.0
III(95)	0.0	-0.0	0.0
III(96)	0.8	-0.1	0.0
III(97)	0.3	-0.1	0.0
III(98)	0.1	-0.0	0.0
III(99)	0.0	0.0	0.0
III(100)	0.0	-0.0	0.0
IV(1)	-0.0	0.0	-0.0
IV(2)	-0.0	0.0	-0.0
IV(3)	-0.1	0.0	-0.0
IV(4)	0.3	-0.0	0.0
IV(5)	3.1	-0.5	0.1
IV(6)	8.1	-1.0	0.2
IV(7)	10.0	-1.4	0.3
IV(8)	0.0	-0.0	0.0
IV(9)	0.0	-0.0	0.0
IV(10)	0.3	-0.0	0.0
IV(11)	0.4	-0.0	0.0
IV(12)	-0.1	0.0	-0.0
IV(13)	64.1	-14.4	1.9
IV(14)	0.3	0.2	0.0
IV(15)	0.6	-0.0	0.0
IV(16)	5.4	-0.8	0.1
IV(17)	180.3	-26.1	4.8
IV(18)	4.4	-0.6	0.1
IV(19)	-6.4	1.0	-0.2
IV(20)	-0.0	0.0	-0.0
IV(21)	-0.5	0.1	-0.0
IV(22)	-1.8	0.1	-0.0
IV(23)	-13.9	2.5	-0.4
IV(24)	-1.6	0.3	-0.0
IV(25)	26.1	-4.4	0.7
IV(26)	0.0	-0.0	0.0
IV(27)	-0.3	0.1	-0.0
IV(28)	1.1	-0.2	0.0
IV(29)	-0.0	0.1	0.0
IV(30)	-0.6	0.1	-0.0
IV(31)	4.6	-0.9	0.1
IV(32)	-3.5	0.7	-0.1
IV(33)	5.0	-0.4	0.2
IV(34)	-4.1	0.6	-0.1
IV(35)	-1.2	0.1	-0.0
IV(36)	0.4	-0.0	0.0
IV(37)	0.1	-0.0	0.0
IV(38)	-2.7	0.5	-0.1
IV(39)	3.9	-0.7	0.1
IV(40)	-0.1	-0.0	-0.0

IV(41)	0.0	-0.2	-0.0
IV(42)	35.7	-6.4	1.0
IV(43)	20.1	-3.6	0.6
IV(44)	-3.0	0.6	-0.1
IV(45)	0.2	0.0	0.0
IV(46)	0.4	-0.0	0.0
IV(47)	3.4	-0.8	0.1
IV(48)	0.3	-0.1	0.0
IV(49)	2.1	-0.5	0.1
IV(50)	-0.9	0.1	-0.0
IV(51)	2.2	-0.4	0.1
IV(52)	0.3	-0.1	0.0
IV(53)	0.7	-0.2	0.0
IV(54)	-0.4	-0.1	-0.0
IV(55)	6.5	-2.0	0.2
IV(56)	0.5	-0.1	0.0
IV(57)	5.4	-1.0	0.2
IV(58)	0.0	-0.0	0.0
IV(59)	2.4	-0.5	0.1
IV(60)	1.2	-0.2	0.0
IV(61)	6.2	-1.3	0.2
IV(62)	0.1	0.0	0.0
IV(63)	1.4	-0.3	0.0
IV(64)	-0.6	0.1	-0.0
IV(65)	-0.7	-0.3	-0.0
IV(66)	0.3	-0.7	0.0
IV(67)	-0.0	-0.0	0.0
IV(68)	0.4	-0.5	0.0
IV(69)	-0.6	0.1	-0.0
IV(70)	-0.0	0.0	-0.0
IV(71)	-1.0	0.0	-0.0
IV(72)	-0.1	0.1	-0.0
IV(73)	-0.0	0.0	-0.0
IV(74)	0.7	-0.5	0.0
IV(75)	0.0	-0.0	0.0
IV(76)	0.0	-0.0	0.0
IV(77)	0.0	-0.0	0.0
IV(78)	0.0	-0.0	0.0
IV(79)	0.2	0.0	0.0
IV(80)	2.1	-0.8	0.1
IV(81)	1.0	-0.4	0.0
IV(82)	0.0	-0.1	0.0
IV(83)	1.2	-0.3	0.0
IV(84)	1.1	-0.3	0.0
IV(85)	0.0	-0.0	0.0
IV(86)	-0.2	-0.0	-0.0
IV(87)	-0.9	0.1	-0.0
IV(88)	0.8	-0.3	0.0
IV(89)	-0.0	0.0	-0.0
IV(90)	-0.0	0.0	-0.0
IV(91)	0.2	-0.0	0.0
IV(92)	-0.2	-0.0	-0.0
IV(93)	0.3	-0.1	0.0
IV(94)	0.1	-0.1	0.0
IV(95)	-0.0	0.0	-0.0
IV(96)	0.4	-0.1	0.0
IV(97)	0.7	-0.2	0.0
IV(98)	0.2	-0.0	0.0
IV(99)	-0.0	-0.0	-0.0
IV(100)	0.1	-0.0	0.0

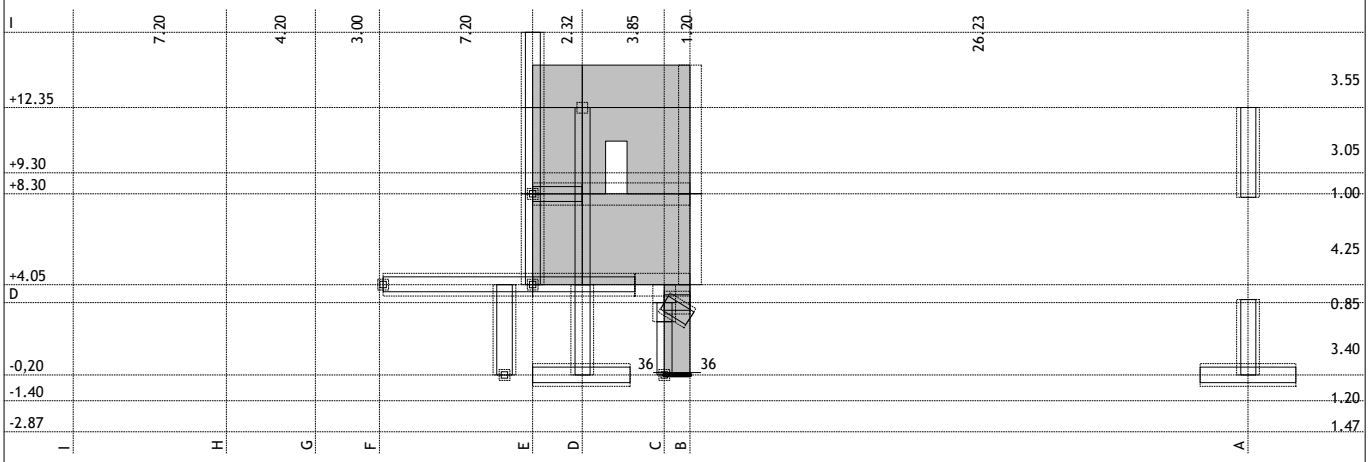
Merodajna kombinacija za upogib:
I+0.30xII-0.30xIII(17)+IV(17)
Merodajna kombinacija za strig:
I+0.30xII+0.30xIII(17)-1.00xIV(17)

Mu =	4.56 kNm		
Nu =	111.01 kN		
Tu =	28.84 kN		

εb/εa = -0.648/25.000 ‰

Aa1 =	0.32 cm2	(min:1.53)	(osv:4Ø16)
Aa2 =	0.32 cm2	(min:1.53)	(osv:4Ø16)
Aav =	±3.35 cm2/m	(min:±1.88)	
Aah =	±0.90 cm2/m	(min:±2.50)	(osv:±Q-335)

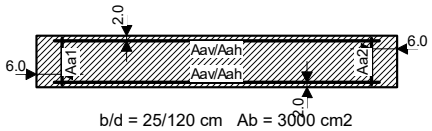
Dimenzioniranje (beton)



Okvir: V_15
Dispozicija prerezov

Okvir: V_15

Prerez 36 - 36
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
Vogalna armatura S500H
Vzdolžna armatura S500H
Dimenzioniranje skupine obtežnih primerov: 6-14



b/d = 25/120 cm Ab = 3000 cm2

No	N [kN]	T [kN]	M [kNm]
I	-156.7	10.8	-0.2
II	-31.1	3.0	-0.5
III(1)	25.4	-3.8	-2.1
III(2)	17.3	-2.6	-1.5
III(3)	0.1	-0.0	-0.0
III(4)	0.0	-0.0	-0.0
III(5)	-0.7	0.1	0.4
III(6)	0.1	0.0	0.0
III(7)	1.1	0.1	0.3
III(8)	5.5	-1.4	-1.1
III(9)	0.6	-0.1	-0.1
III(10)	-0.1	-0.0	-0.0
III(11)	-0.0	-0.0	-0.0
III(12)	-0.0	-0.0	-0.0
III(13)	-2.9	-3.7	-5.4
III(14)	0.0	0.0	0.0
III(15)	-0.0	-0.0	-0.0
III(16)	-1.2	0.0	-0.1
III(17)	6.4	0.2	1.0
III(18)	1.5	0.4	0.5
III(19)	1.0	0.1	0.2
III(20)	0.2	-0.0	0.0
III(21)	-0.9	0.1	-0.1
III(22)	-0.7	0.0	-0.0
III(23)	-0.2	-0.0	-0.1
III(24)	13.7	-0.8	1.5
III(25)	34.7	2.4	7.1
III(26)	-0.2	-0.1	-0.1
III(27)	-0.4	0.1	0.2
III(28)	0.2	0.0	0.1
III(29)	4.7	-2.4	2.5
III(30)	0.7	0.0	0.5
III(31)	34.6	5.1	11.0
III(32)	72.5	4.1	21.1
III(33)	-42.3	-13.8	-6.3
III(34)	-16.1	-8.0	-5.9
III(35)	-32.7	-3.6	-7.8
III(36)	-0.9	-0.3	-0.1
III(37)	0.4	-0.0	0.1
III(38)	-3.9	-0.2	-1.4
III(39)	2.7	0.4	0.9
III(40)	0.8	-0.5	0.4
III(41)	3.7	-5.3	5.1
III(42)	-72.8	-16.3	-18.1
III(43)	-23.3	-2.1	-7.8
III(44)	24.4	4.9	6.4
III(45)	-3.2	-0.7	-0.7
III(46)	-10.7	-1.6	-7.7
III(47)	2.2	1.0	1.7
III(48)	1.9	2.0	3.2
III(49)	-2.6	1.5	4.1
III(50)	-0.7	3.8	6.3
III(51)	-1.9	-0.2	-1.7
III(52)	-0.7	-0.4	-1.0
III(53)	-43.1	-14.6	-14.2
III(54)	-5.6	14.1	19.3
III(55)	-18.3	1.8	4.4
III(56)	0.2	0.3	0.2
III(57)	-3.1	1.7	1.4
III(58)	-1.4	0.0	0.2
III(59)	-4.2	-0.6	-0.5
III(60)	0.9	0.2	0.3
III(61)	-0.7	0.1	0.0
III(62)	-2.9	0.5	0.8
III(63)	-0.1	-0.0	-0.0
III(64)	-8.2	0.3	1.3
III(65)	-0.4	0.5	0.5
III(66)	0.8	-0.8	-0.8
III(67)	-0.1	0.2	0.2
III(68)	2.1	-0.5	-0.5
III(69)	-11.0	0.1	0.8
III(70)	-0.4	0.3	0.3
III(71)	-1.6	-0.3	-0.2
III(72)	-0.4	-0.6	-0.4
III(73)	-0.1	0.0	0.0
III(74)	-26.4	-0.9	3.0
III(75)	0.0	-0.0	-0.0
III(76)	-0.0	0.0	0.0
III(77)	-0.0	-0.0	-0.0
III(78)	-0.3	-0.0	0.1
III(79)	-19.2	-0.2	2.7
III(80)	0.2	-0.0	0.0
III(81)	-1.2	0.0	-0.0
III(82)	0.7	0.0	0.0
III(83)	0.1	-0.0	-0.0
III(84)	1.1	0.6	1.2
III(85)	0.0	0.0	0.0
III(86)	-1.2	-0.1	0.1
III(87)	-1.0	0.5	0.6
III(88)	0.2	-0.0	-0.0
III(89)	0.1	-0.0	-0.0
III(90)	0.7	-0.2	-0.4
III(91)	-0.4	0.2	0.4
III(92)	0.2	0.2	0.3
III(93)	-0.4	0.3	0.5
III(94)	-0.4	1.3	2.2
III(95)	-0.2	-0.0	-0.0
III(96)	1.0	0.4	0.6
III(97)	-0.6	0.0	0.1
III(98)	0.5	0.1	0.1
III(99)	0.0	0.0	0.0
III(100)	0.0	0.0	0.0
IV(1)	-0.0	0.0	0.0
IV(2)	-0.2	0.0	0.0
IV(3)	-0.2	0.1	0.1
IV(4)	0.6	-0.2	-0.2
IV(5)	-25.7	5.5	14.8
IV(6)	-8.8	-1.4	-2.8
IV(7)	-17.7	-2.0	-4.8
IV(8)	0.1	-0.0	-0.0
IV(9)	0.1	-0.0	-0.0
IV(10)	-1.0	-0.1	-0.2
IV(11)	-0.1	-0.1	-0.1
IV(12)	0.5	0.0	0.1

Dimenzioniranje (beton)

IV(13)	-113.7	-147.4	-212.1
IV(14)	1.7	3.7	5.2
IV(15)	0.2	0.0	0.1
IV(16)	-12.3	0.2	-1.1
IV(17)	-190.1	-6.8	-31.1
IV(18)	-2.0	-0.5	-0.7
IV(19)	8.1	0.4	1.7
IV(20)	0.0	-0.0	0.0
IV(21)	2.6	-0.2	0.2
IV(22)	3.2	-0.2	0.0
IV(23)	18.2	2.8	6.0
IV(24)	7.4	-0.4	0.8
IV(25)	-78.5	-5.4	-16.0
IV(26)	-0.1	-0.0	-0.0
IV(27)	-1.0	0.3	0.4
IV(28)	-0.9	-0.1	-0.3
IV(29)	0.2	-0.1	0.1
IV(30)	0.4	0.0	0.3
IV(31)	-8.6	-1.3	-2.7
IV(32)	7.6	0.4	2.2
IV(33)	-10.6	-3.4	-1.6
IV(34)	6.0	3.0	2.2
IV(35)	2.5	0.3	0.6
IV(36)	-0.5	-0.2	-0.0
IV(37)	0.4	-0.0	0.1
IV(38)	6.1	0.3	2.2
IV(39)	-7.9	-1.2	-2.8
IV(40)	-0.5	0.3	-0.3
IV(41)	-2.9	4.3	-4.1
IV(42)	-102.2	-22.9	-25.4
IV(43)	-66.4	-6.1	-22.1
IV(44)	11.3	2.2	3.0
IV(45)	4.0	0.9	0.8
IV(46)	-1.5	-0.2	-1.1
IV(47)	-7.2	-3.4	-5.7
IV(48)	-0.5	-0.5	-0.8
IV(49)	-1.4	0.8	2.2
IV(50)	0.1	-0.7	-1.2
IV(51)	0.7	0.1	0.6
IV(52)	0.2	0.1	0.3
IV(53)	11.0	3.7	3.6
IV(54)	1.8	-4.4	-6.1
IV(55)	36.4	-3.5	-8.8
IV(56)	0.2	0.3	0.1
IV(57)	-10.3	5.5	4.5
IV(58)	0.5	-0.0	-0.1
IV(59)	-9.6	-1.5	-1.1
IV(60)	-2.8	-0.7	-0.9
IV(61)	7.8	-0.9	-0.2
IV(62)	-2.7	0.5	0.8
IV(63)	0.9	0.2	0.5
IV(64)	-4.1	0.2	0.7

IV(65)	4.0	-5.5	-5.7
IV(66)	7.1	-7.2	-7.0
IV(67)	0.0	-0.0	-0.0
IV(68)	13.1	-3.1	-2.8
IV(69)	-7.1	0.1	0.5
IV(70)	-0.2	0.2	0.1
IV(71)	-12.1	-2.0	-1.4
IV(72)	0.9	1.5	1.1
IV(73)	-0.2	0.0	0.0
IV(74)	-31.9	-1.1	3.7
IV(75)	-0.0	0.0	0.0
IV(76)	0.1	-0.0	-0.0
IV(77)	0.0	0.0	0.0
IV(78)	0.1	0.0	-0.0
IV(79)	9.1	0.1	-1.3
IV(80)	-3.2	0.2	-0.3
IV(81)	15.2	-0.3	0.2
IV(82)	-4.3	-0.3	-0.2
IV(83)	7.4	-0.2	-0.8
IV(84)	-0.6	-0.3	-0.7
IV(85)	-0.0	-0.0	-0.0
IV(86)	-4.7	-0.5	0.3
IV(87)	3.4	-1.7	-2.1
IV(88)	-4.4	0.3	0.7
IV(89)	-1.2	0.2	0.4
IV(90)	3.4	-1.1	-1.7
IV(91)	-1.0	0.6	1.1
IV(92)	-0.8	-0.7	-1.2
IV(93)	0.3	-0.2	-0.3
IV(94)	0.5	-1.5	-2.5
IV(95)	0.1	0.0	0.0
IV(96)	0.5	0.2	0.3
IV(97)	-1.2	0.1	0.1
IV(98)	0.8	0.1	0.2
IV(99)	-0.0	-0.0	-0.0
IV(100)	0.1	0.1	0.2

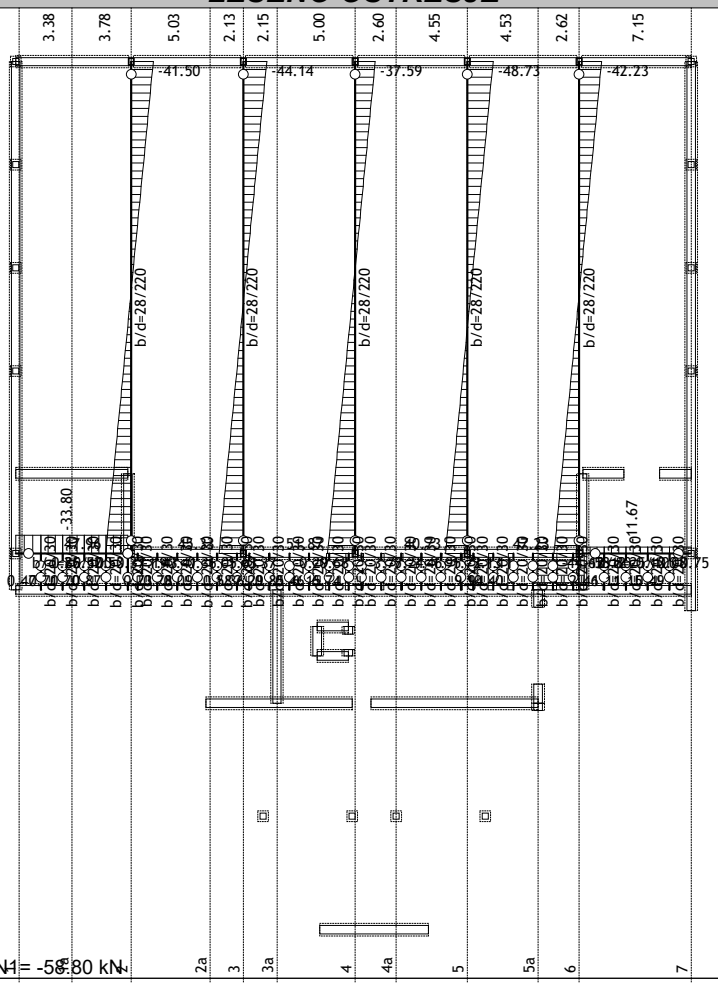
Merodajna kombinacija za upogib:
I+0.30xII+0.30xIII(1)-1.00xIV(13)
Merodajna kombinacija za strig:
I+0.30xII-0.30xIII(1)-1.00xIV(13)
Mu = 211.08 kNm
Nu = -44.66 kN
Tu = 160.21 kN

εb/εa = -2.572/25.000 ‰

Aa1 =	0.26 cm2	(min:4.50)	(osv:4Ø16)
Aa2 =	0.26 cm2	(min:4.50)	(osv:4Ø16)
Aav =	±3.35 cm2/m	(min:±1.88)	
Aah =	±1.69 cm2/m	(min:±2.50)	(osv:±Q-335)

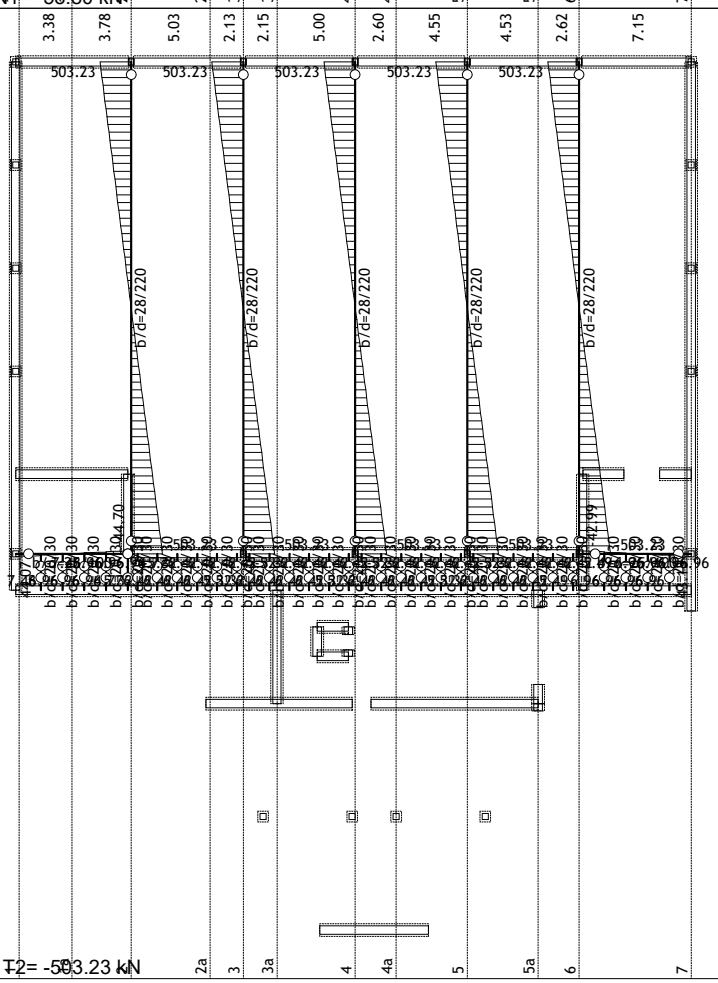
LESENO OSTREŠJE

Obt. 4: 1.35xI+1.5xII



Pogled: STREHA DVORANE
Vplivi v gredi: max N1= 51.87 / min N1= -58.80 kN

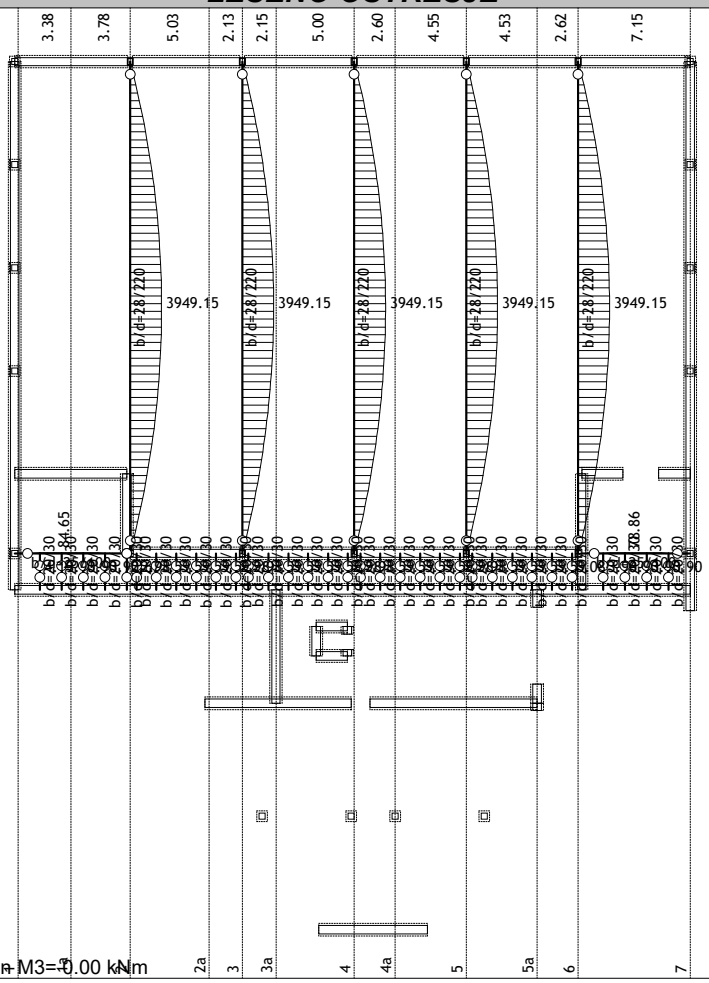
Obt. 4: 1.35xI+1.5xII



Pogled: STREHA DVORANE
Vplivi v gredi: max T2= 503.23 / min T2= -503.23 kN

LESENO OSTREŠJE

Obt. 4: 1.35xI+1.5xII

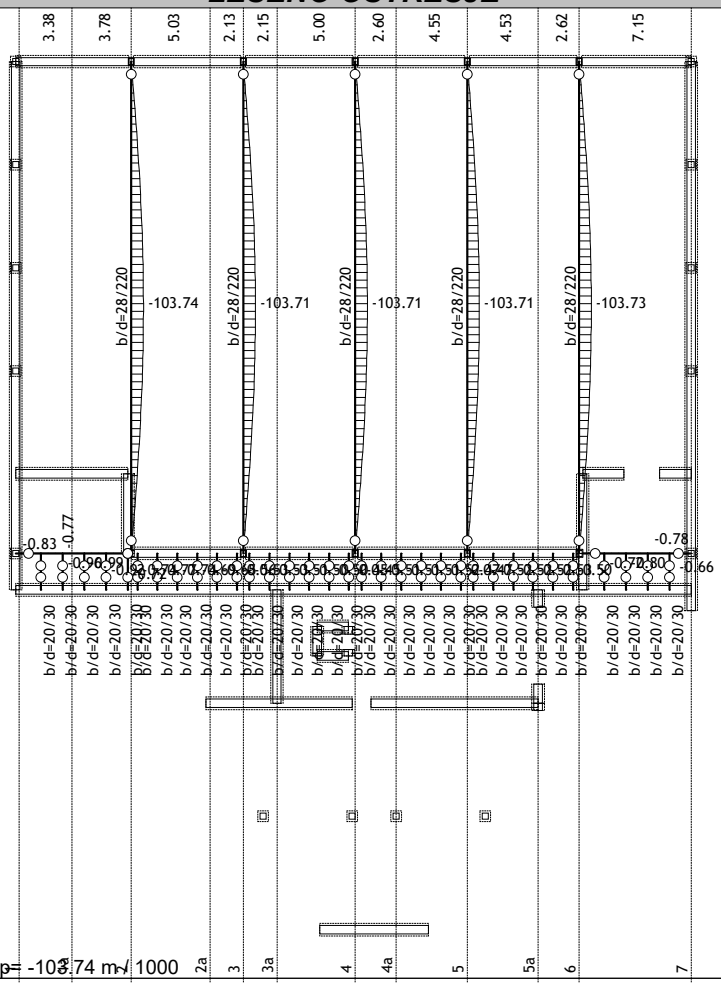


Pogled: STREHA DVORANE

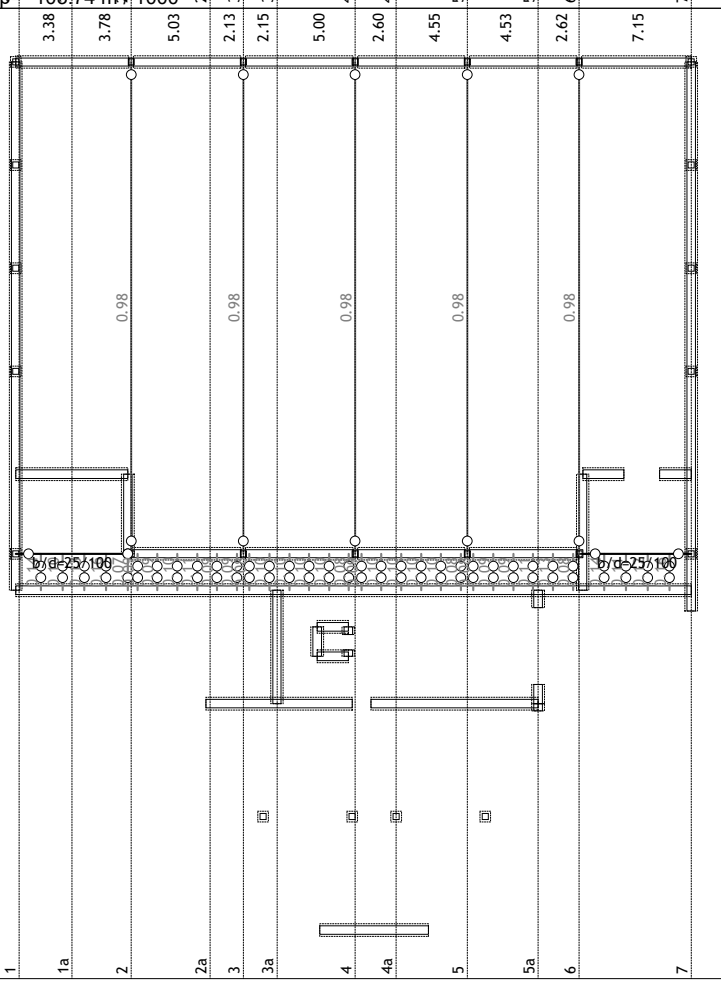
Vplivi v gredi: max M3= 3949.15 / min M3= 0.00 kNm

LESENO OSTREŠJE

Obt. 3: I+II



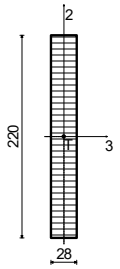
Pogled: STREHA DVORANE
Vplivi v gredi: max Zp= -0.16 / min Zp= -103.74 m / 1000



Pogled: STREHA DVORANE
Kontrola stabilnosti

LESENO OSTREŠJE

PALICA 8167-10582
Lepljen lameliran les - GL28c
v smeri zgornjega roba palice
Debelina lamele 2.00 cm
Eksploatacijski razred 1
EUROCODE



[cm]

FAKTORJI IZKORIŠČENOSTI PO KOMBINACIJAH OBTEŽB
4. γ=0.98 3. γ=0.69

KONTROLA NORMALNIH NAPETOSTI
(obtežni primer 4, na 1559.9 cm od začetka palice)

Računska osna sila	N =	7.427 kN
Prečna sila v smeri osi 2	T2 =	-3.205 kN
Moment torzije	M1 =	-0.558 kNm
Upogibni moment okoli osi 3	M3 =	-3949.2 kNm

KONTROLA NAPETOSTI - NATEG IN UPOGIB
Vrsta obtežbe: @1@osnovno - srednjetrajno

Korekcijski koeficient	Kmod =	0.800
Parcialni koef. za karakteristike materiala	γm =	1.250
Dodatek za elemente z malimi dimenzijami - os 2	Kh_2 =	1.079
Dodatek za elemente z malimi dimenzijami - os 3	Kh_3 =	1.000
Dodatek za elemente z malimi dimenzijami - nateg	Kh_t =	1.079
Karakteristična natezna trdnost	ft,0,k =	16.500 MPa
Računska natezna trdnost	ft,0,d =	11.396 MPa
Faktor oblik (za pravokotni prerez)	km =	0.700
Karakteristična upogibna trdnost	fm,k =	28.000 MPa
Računska upogibna trdnost - os 2	fm,2,d =	19.339 MPa
Računska upogibna trdnost - os 3	fm,3,d =	17.920 MPa
Normalna natezna napetost	σt,0,d =	0.012 MPa
Odpornostni moment	W3 =	2.26e+5 cm3
Normalna upogibna napetost okoli osi 3	σm3,d =	17.484 MPa

σm3,d <= fm,3,d (17.484 <= 17.920)
Izkoriščenost prereza je 97.6%

σt,0,d / ft,0,d + km x (σm3,d / fm,3,d) + σm2,d / fm,2,d <= 1
(0.684 <= 1)
Izkoriščenost prereza je 68.4%

σt,0,d / ft,0,d + σm3,d / fm,3,d + km x (σm2,d / fm,2,d) <= 1
(0.977 <= 1)
Izkoriščenost prereza je 97.7%

DOKAZ BOČNE STABILNOSTI
Vrsta obtežbe: @1@osnovno - srednjetrajno

Korekcijski koeficient	Kmod =	0.800
Parcialni koef. za karakteristike materiala	γm =	1.250
Razmak pridržanih točk pravokotno na smer osi 2	lef =	100.00 cm
5% fraktil modula E paralelno z vlakni	E0.05 =	10200 MPa
5% fraktil strižnega modula G	G0.05 =	480.00 MPa
Torzijski vztrajnostni moment	Itor =	1.49e+6 cm4
Vztrajnostni moment	I2 =	4.02e+5 cm4
Odpornostni moment	W3 =	2.26e+5 cm3
Kritična napetost uklona	σm,crit =	238.63 MPa
Relativna vitkost za uklon	λrel =	0.343
Koeficient	k_krit =	1.000
Normalna upogibna napetost okoli osi 3	σm3,d =	17.484 MPa

σm,3,d <= k_krit x fm,3,d (17.484 <= 17.920)
Izkoriščenost prereza je 97.6%

KONTROLA STRIŽNIH NAPETOSTI
(obtežni primer 4, začetek palice)

Prečna sila v smeri osi 2	T2 =	-503.23 kN
Moment torzije	M1 =	-0.558 kNm

KONTROLA NAPETOSTI - STRIG
Vrsta obtežbe: @1@osnovno - srednjetrajno

Korekcijski koeficient	Kmod =	0.800
Parcialni koef. za karakteristike materiala	γm =	1.250
Karakteristična strižna napetost	fv,k =	2.700 MPa
Računska strižna trdnost	fv,d =	1.728 MPa
Površina prečnega prereza	A =	6160.0 cm2
Dejanska strižna napetost(os 2)	τ2,d =	1.225 MPa

τ2,d <= fv,d (1.225 <= 1.728)
Izkoriščenost prereza je 70.9%

KONTROLA NAPETOSTI - TORZIJA

Karakteristična strižna trdnost	fv,k =	2.700 MPa
Računska strižna trdnost	fv,d =	1.728 MPa
Torzijski odpornostni moment	Wp2 =	45042 cm3
Dejanska strižna napetost(os 2)	τtor,2,d =	0.012 MPa

τtor,2,d <= fv,d (0.012 <= 1.728)
Izkoriščenost prereza je 0.7%

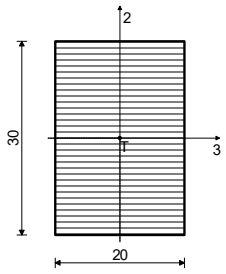
Torzijski odpornostni moment	Wp3 =	33866 cm3
Dejanska strižna napetost(os 3)	τtor,3,d =	0.016 MPa

τtor,3,d <= fv,d (0.016 <= 1.728)
Izkoriščenost prereza je 1.0%

Superpozicija vplivov prečne sile in torzijskega momenta
(os 2)

τtor,3,d + τ2,d <= fv,d (1.242 <= 1.728)
Izkoriščenost prereza je 71.9%

PALICA 7891-7493
Lepljen lameliran les - GL28c
v smeri zgornjega roba palice
Debelina lamele 2.00 cm
Eksploatacijski razred 1
EUROCODE



[cm]

FAKTORJI IZKORIŠČENOSTI PO KOMBINACIJAH OBTEŽB
4. γ=0.10 3. γ=0.07

KONTROLA NORMALNIH NAPETOSTI
(obtežni primer 4, na 136.2 cm od začetka palice)

Računska osna sila	N =	5.673 kN
Prečna sila v smeri osi 2	T2 =	1.069 kN
Moment torzije	M1 =	-0.036 kNm
Upogibni moment okoli osi 3	M3 =	-3.595 kNm

KONTROLA NAPETOSTI - NATEG IN UPOGIB
Vrsta obtežbe: @1@osnovno - srednjetrajno

Korekcijski koeficient	Kmod =	0.800
Parcialni koef. za karakteristike materiala	γm =	1.250
Dodatek za elemente z malimi dimenzijami - os 2	Kh_2 =	1.100
Dodatek za elemente z malimi dimenzijami - os 3	Kh_3 =	1.072
Dodatek za elemente z malimi dimenzijami - nateg	Kh_t =	1.100
Karakteristična natezna trdnost	ft,0,k =	16.500 MPa
Računska natezna trdnost	ft,0,d =	11.616 MPa
Faktor oblik (za pravokotni prerez)	km =	0.700
Karakteristična upogibna trdnost	fm,k =	28.000 MPa
Računska upogibna trdnost - os 2	fm,2,d =	19.712 MPa
Računska upogibna trdnost - os 3	fm,3,d =	19.206 MPa
Normalna natezna napetost	σt,0,d =	0.095 MPa
Odpornostni moment	W3 =	3000.0 cm3
Normalna upogibna napetost okoli osi 3	σm3,d =	1.198 MPa

σm3,d <= fm,3,d (1.198 <= 19.206)
Izkoriščenost prereza je 6.2%

LESENO OSTREŠJE

σt,0,d / ft,0,d + km x (σm3,d / fm,3,d) + σm2,d / fm,2,d <= 1
(0.052 <= 1)

Izkoriščenost prereza je 5.2%

σt,0,d / ft,0,d + σm3,d / fm,3,d + km x (σm2,d / fm,2,d) <= 1
(0.071 <= 1)

Izkoriščenost prereza je 7.1%

KONTROLA STRIŽNIH NAPETOSTI
(obtežni primer 4, začetek palice)

Prečna sila v smeri osi 2	T2 =	-6.417 kN
Moment torzije	M1 =	-0.036 kNm

KONTROLA NAPETOSTI - STRIG
Vrsta obtežbe: @1@osnovno - srednjetrajno

Korekcijski koeficient	Kmod =	0.800
Parcialni koef. za karakteristike materiala	γm =	1.250
Karakteristična strižna napetost	fv,k =	2.700 MPa
Računska strižna trdnost	fv,d =	1.728 MPa
Površina prečnega prereza	A =	600.00 cm2
Dejanska strižna napetost(os 2)	τ2,d =	0.160 MPa

τ2,d <= fv,d (0.160 <= 1.728)

Izkoriščenost prereza je 9.3%

KONTROLA NAPETOSTI - TORZIJA

Karakteristična strižna trdnost	fv,k =	2.700 MPa
Računska strižna trdnost	fv,d =	1.728 MPa
Torzijski odpornostni moment	Wp2 =	3133.7 cm3
Dejanska strižna napetost(os 2)	τtor,2,d =	0.011 MPa

τtor,2,d <= fv,d (0.011 <= 1.728)

Izkoriščenost prereza je 0.7%

Torzijski odpornostni moment	Wp3 =	2356.2 cm3
Dejanska strižna napetost(os 3)	τtor,3,d =	0.015 MPa

τtor,3,d <= fv,d (0.015 <= 1.728)

Izkoriščenost prereza je 0.9%

Superpozicija vplivov prečne sile in torzijskega momenta
(os 2)

τtor,3,d + τ2,d <= fv,d (0.176 <= 1.728)

Izkoriščenost prereza je 10.2%

DOKAZ STABILNOSTI ELEMENTA
(obtežni primer 4, na 97.3 cm od začetka palice)

Računska osna sila	N =	5.483 kN
Prečna sila v smeri osi 2	T2 =	-1.069 kN
Moment torzije	M1 =	-0.036 kNm
Upogibni moment okoli osi 3	M3 =	-3.595 kNm

DOKAZ BOČNE STABILNOSTI
Vrsta obtežbe: @1@osnovno - srednjetrajno

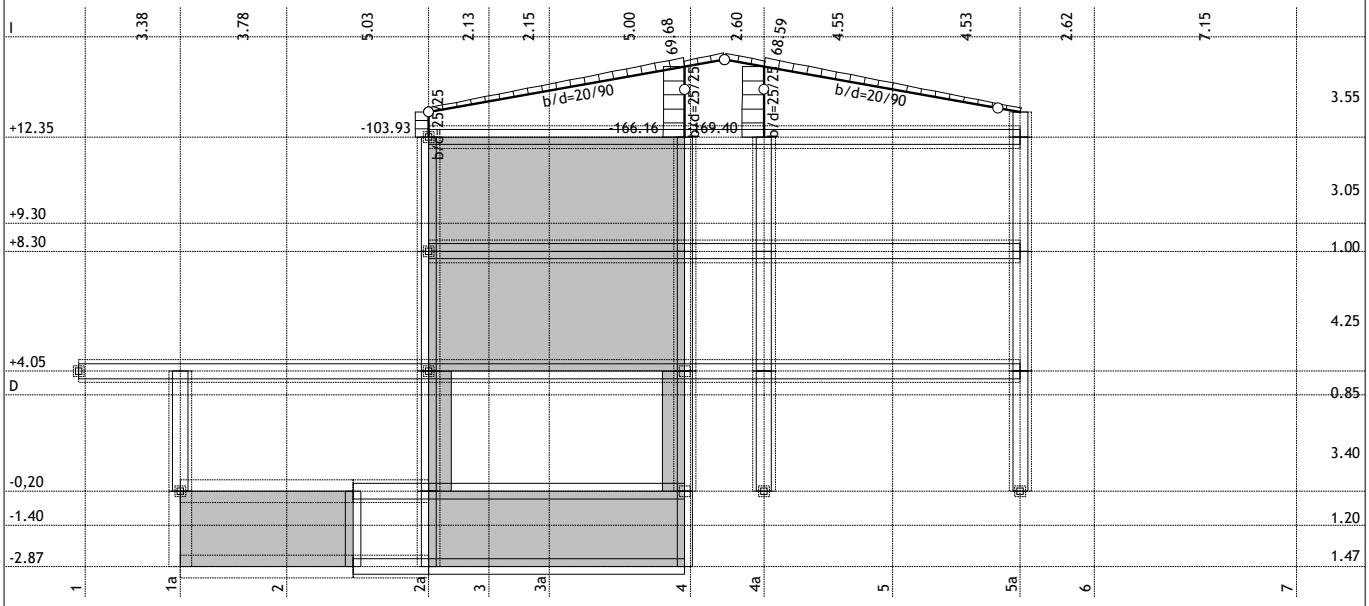
Korekcijski koeficient	Kmod =	0.800
Parcialni koef. za karakteristike materiala	γm =	1.250
Razmak pridržanih točk pravokotno na smer osi 2	lef =	100.00 cm
5% fraktil modula E paralelno z vlakni	E0.05 =	10200 MPa
5% fraktil strižnega modula G	G0.05 =	480.00 MPa
Torzijski vztrajnostni moment	Itor =	46552 cm4
Vztrajnostni moment	I2 =	20000 cm4
Odpornostni moment	W3 =	3000.0 cm3
Kritična napetost uklona	σm,crit =	707.02 MPa
Relativna vitkost za uklon	λrel =	0.199
Koeficient	k_krit =	1.000
Normalna upogibna napetost okoli osi 3	σm3,d =	1.198 MPa

σm,3,d <= k_krit x fm,3,d (1.198 <= 19.206)

Izkoriščenost prereza je 6.2%

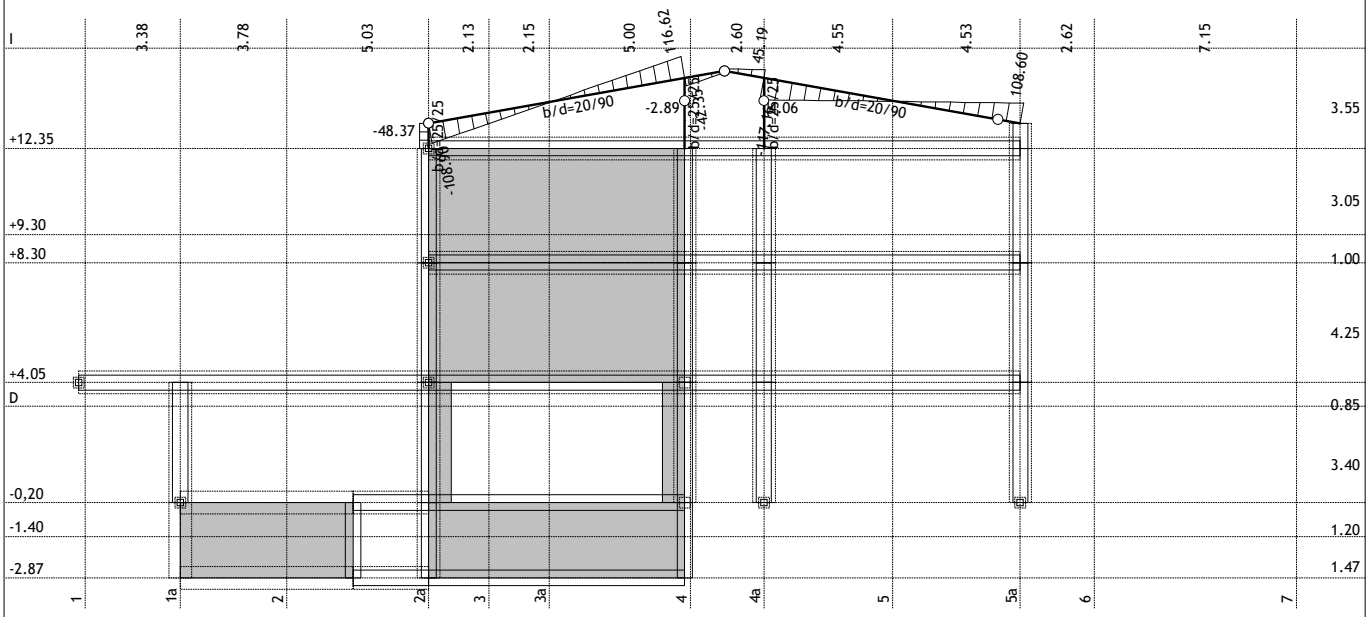
LESENO OSTREŠJE

Obt. 4: 1.35xI+1.5xII



Okvir: os H
Vplivi v gredi: max N1= 69.68 / min N1= -169.40 kN

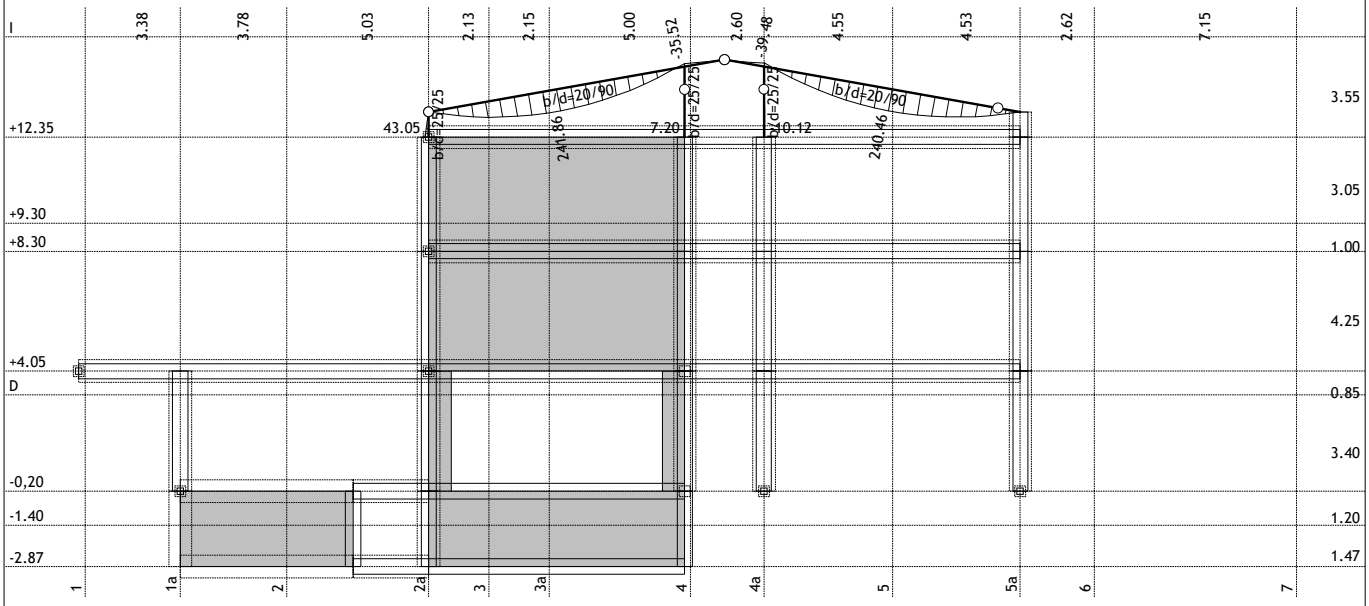
Obt. 4: 1.35xI+1.5xII



Okvir: os H
Vplivi v gredi: max T2= 116.62 / min T2= -117.16 kN

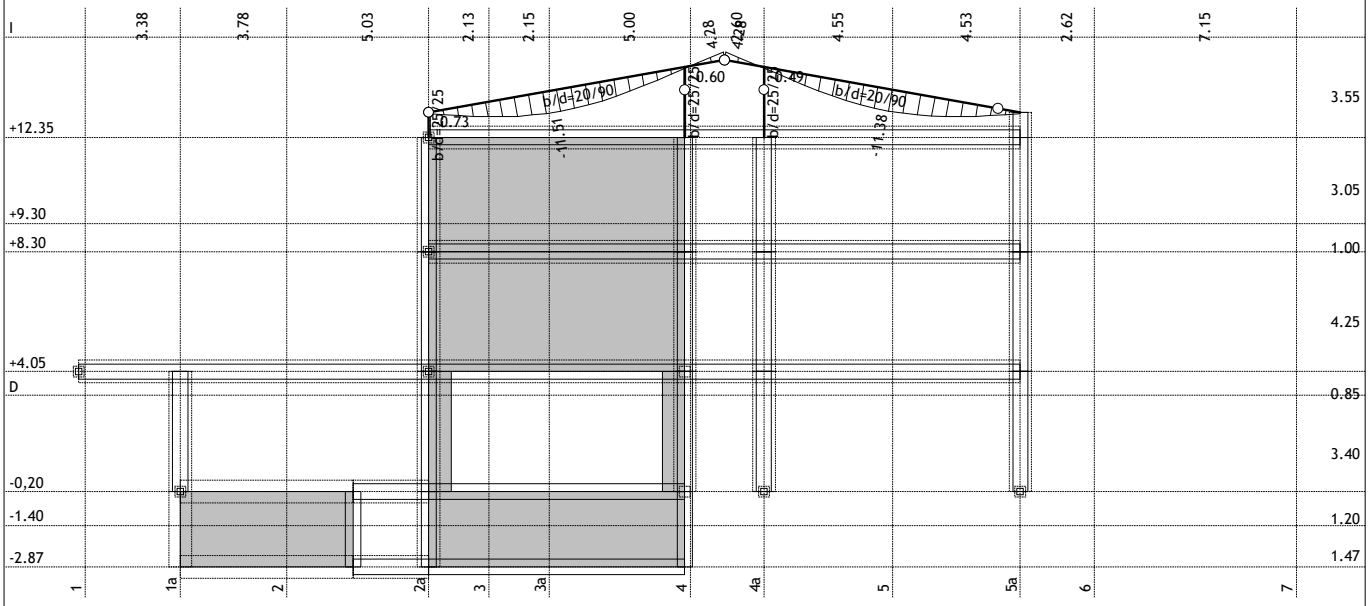
LESENO OSTREŠJE

Obt. 4: 1.35xI+1.5xII



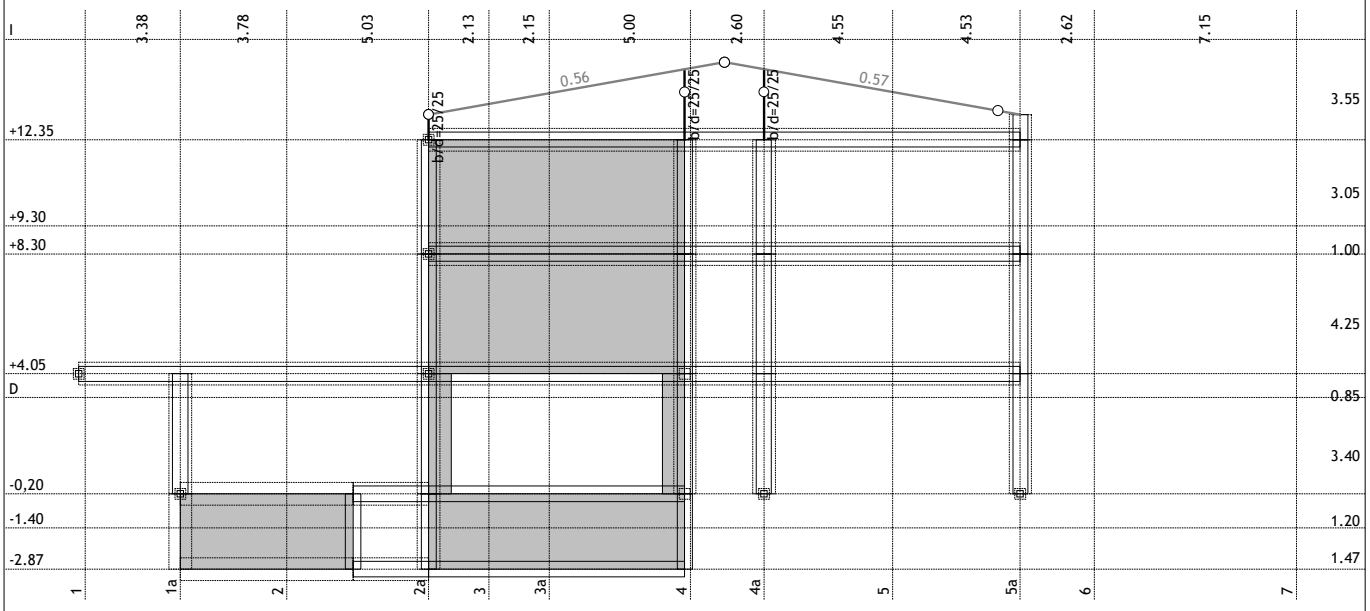
Okvir: os H
Vplivi v gredi: max M3= 241.86 / min M3= -39.48 kNm

Obt. 3: I+II



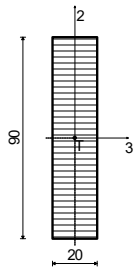
Okvir: os H
Vplivi v gredi: max Zp= 4.28 / min Zp= -11.51 m / 1000

LESENO OSTREŠJE



Okvir: os H
Kontrola stabilnosti

PALICA 2376-5517
Lepljen lameliran les - GL28c
v smeri zgornjega roba palice
Debelina lamele 2.00 cm
Eksploatacijski razred 1
EUROCODE



[cm]

FAKTORJI IZKORIŠČENOSTI PO KOMBINACIJAH OBTEŽB
4. γ=0.56 3. γ=0.39

KONTROLA NORMALNIH NAPETOSTI
(obtežni primer 4, na 460.5 cm od začetka palice)

Računska osna sila	N =	49.794 kN
Prečna sila v smeri osi 2	T2 =	3.857 kN
Upogibni moment okoli osi 2	M2 ≈	0.000 kNm
Upogibni moment okoli osi 3	M3 =	-241.86 kNm

KONTROLA NAPETOSTI - NATEG IN UPOGIB
Vrsta obtežbe: @1@osnovno - srednjetrajno

Korekcijski koeficient	Kmod =	0.800
Parcialni koef. za karakteristike materiala	γm =	1.250
Dodatek za elemente z malimi dimenzijami - os 2	Kh_2 =	1.100
Dodatek za elemente z malimi dimenzijami - os 3	Kh_3 =	1.000
Dodatek za elemente z malimi dimenzijami - nateg	Kh_t =	1.100
Karakteristična natezna trdnost	ft,0,k =	16.500 MPa
Računska natezna trdnost	ft,0,d =	11.616 MPa
Faktor oblik (za pravokotni prerez)	km =	0.700
Karakteristična upogibna trdnost	fm,k =	28.000 MPa
Računska upogibna trdnost - os 2	fm,2,d =	19.712 MPa
Računska upogibna trdnost - os 3	fm,3,d =	17.920 MPa
Normalna natezna napetost	σt,0,d =	0.277 MPa
Odpornostni moment	W3 =	27000 cm3
Normalna upogibna napetost okoli osi 3	σm3,d =	8.958 MPa

σm3,d <= fm,3,d (8.958 <= 17.920)
Izkoriščenost prereza je 50.0%

σt,0,d / ft,0,d + km x (σm3,d / fm,3,d) + σm2,d / fm,2,d <= 1
(0.374 <= 1)
Izkoriščenost prereza je 37.4%

σt,0,d / ft,0,d + σm3,d / fm,3,d + km x (σm2,d / fm,2,d) <= 1
(0.524 <= 1)
Izkoriščenost prereza je 52.4%

DOKAZ BOČNE STABILNOSTI
Vrsta obtežbe: @1@osnovno - srednjetrajno

Korekcijski koeficient	Kmod =	0.800
Parcialni koef. za karakteristike materiala	γm =	1.250
Razmak pridržanih točk pravokotno na smer osi 2	lef =	100.00 cm
5% fraktil modula E paralelno z vlakni	E0.05 =	10200 MPa
5% fraktil strižnega modula G	G0.05 =	480.00 MPa
Torzijski vztrajnostni moment	Itor =	2.08e+5 cm4
Vztrajnostni moment	I2 =	60000 cm4
Odpornostni moment	W3 =	27000 cm3
Kritična napetost uklona	σm,crit =	287.61 MPa
Relativna vitkost za uklon	λrel =	0.312
Koeficient	k_krit =	1.000
Normalna upogibna napetost okoli osi 3	σm3,d =	8.958 MPa

σm,3,d <= k_krit x fm,3,d (8.958 <= 17.920)
Izkoriščenost prereza je 50.0%

KONTROLA STRIŽNIH NAPETOSTI
(obtežni primer 4, na 921.0 cm od začetka palice)

Prečna sila v smeri osi 2	T2 =	116.62 kN

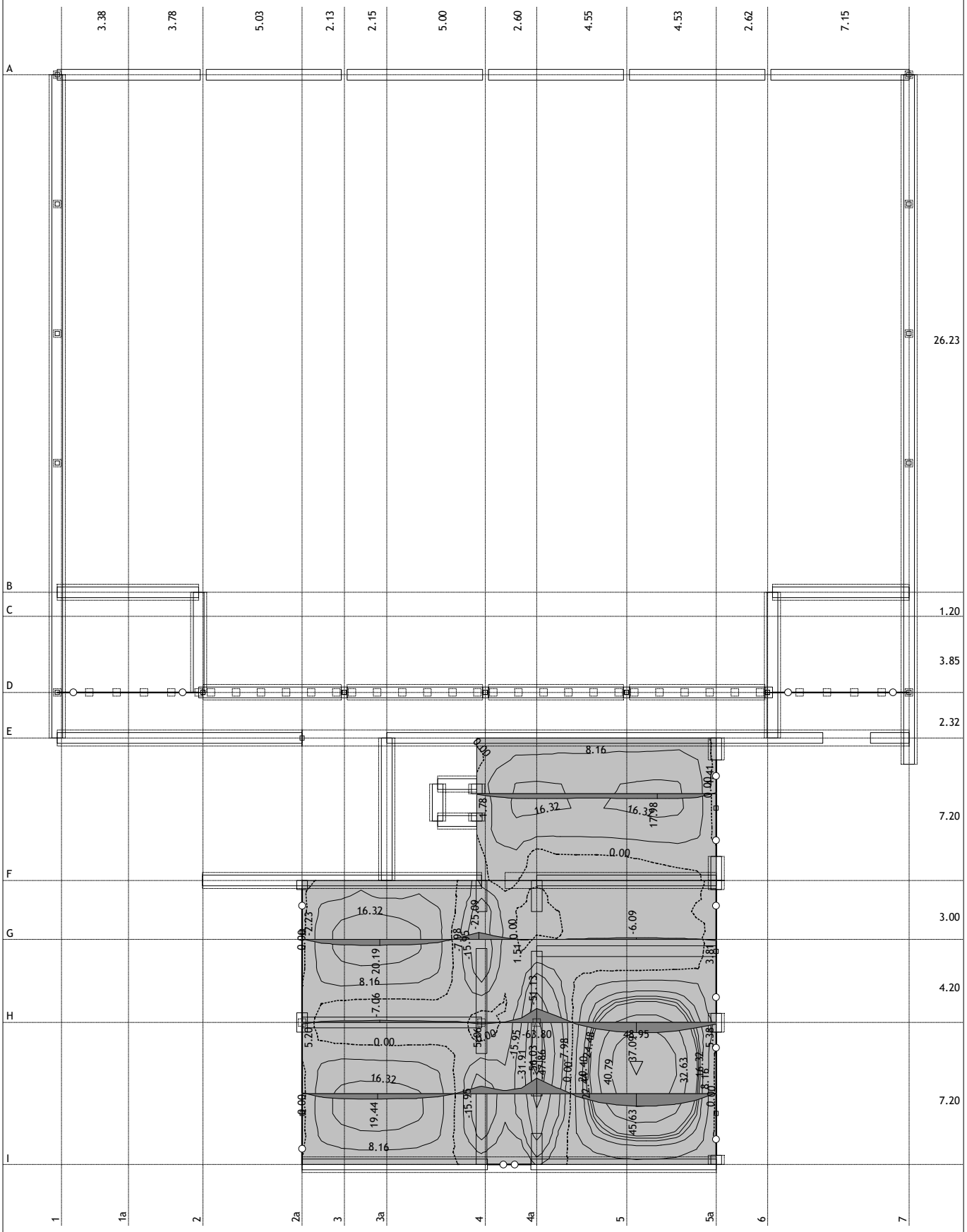
KONTROLA NAPETOSTI - STRIG
Vrsta obtežbe: @1@osnovno - srednjetrajno

Korekcijski koeficient	Kmod =	0.800
Parcialni koef. za karakteristike materiala	γm =	1.250
Karakteristična strižna napetost	fv,k =	2.700 MPa
Računska strižna trdnost	fv,d =	1.728 MPa
Površina prečnega prereza	A =	1800.0 cm2
Dejanska strižna napetost(os 2)	τ2,d =	0.972 MPa

τ2,d <= fv,d (0.972 <= 1.728)
Izkoriščenost prereza je 56.2%

NAD II. NAD

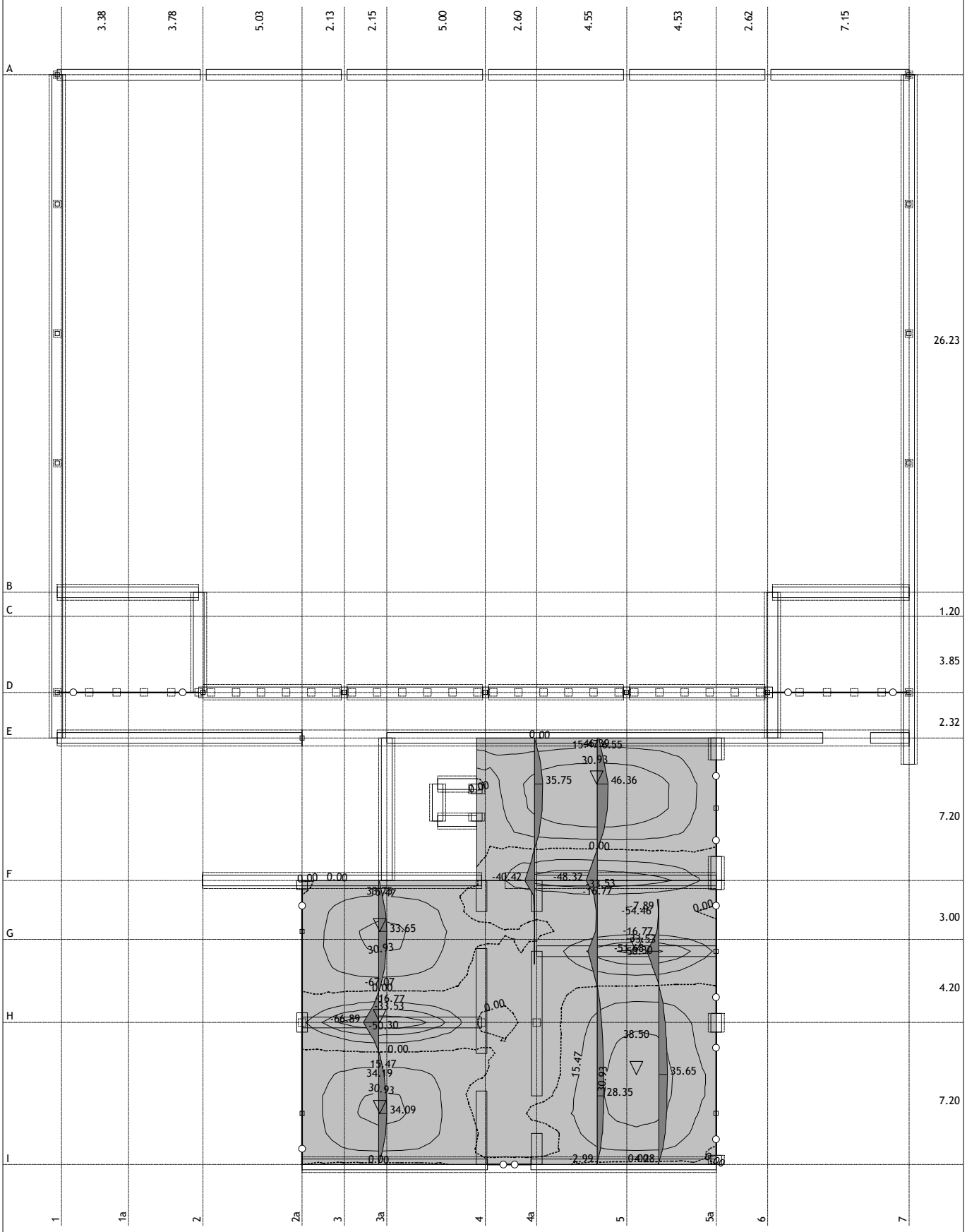
Obt. 4: 1.35xI+1.5xII



Nivo: nad II.NAD [12.35 m]
Vplivi v plošči: max Mx= 48.95 / min Mx= -63.80 kNm/m

NAD II. NAD

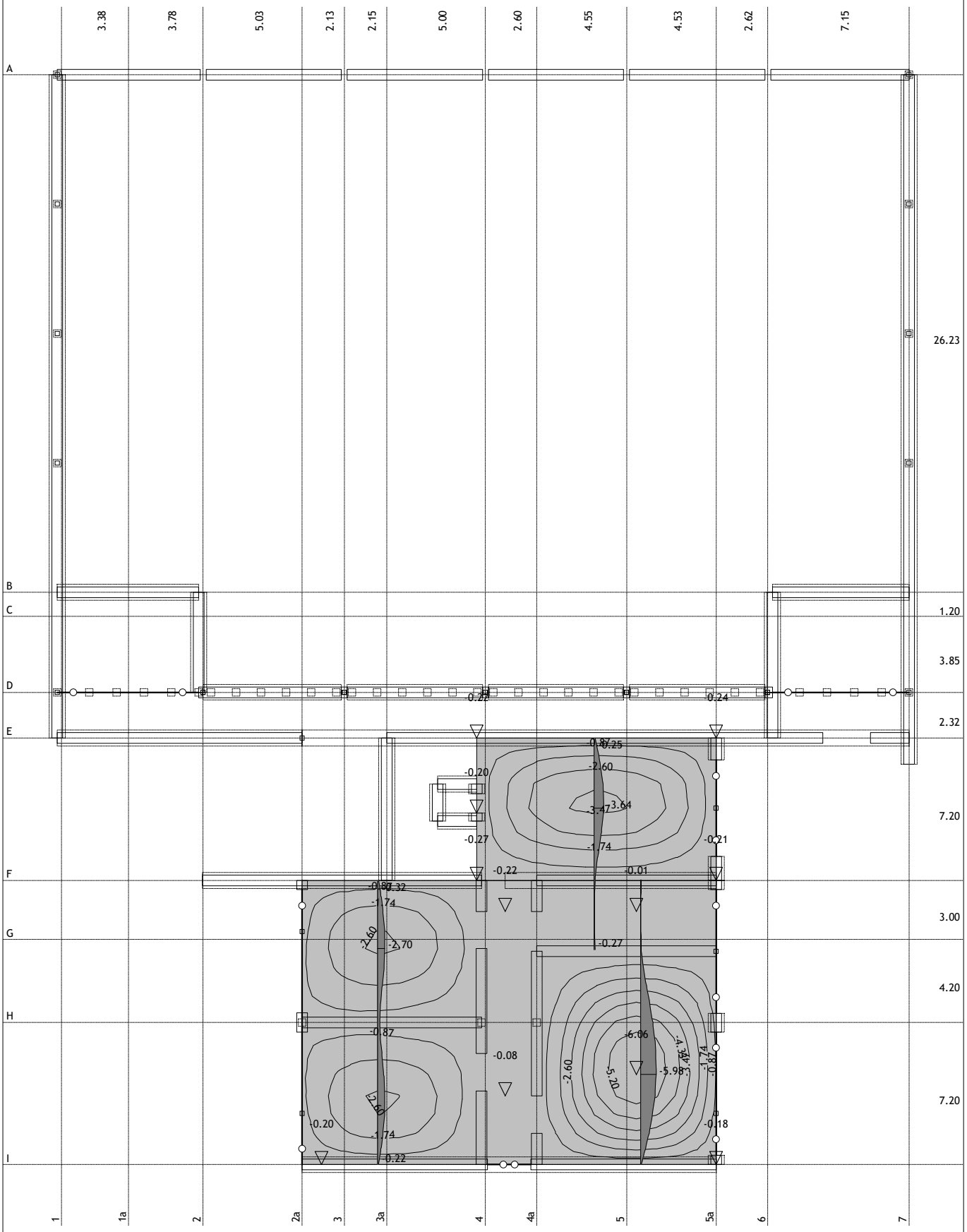
Obt. 4: 1.35xI+1.5xII



Nivo: nad II.NAD [12.35 m]
Vplivi v plošči: max My= 46.39 / min My= -67.07 kNm/m

NAD II. NAD

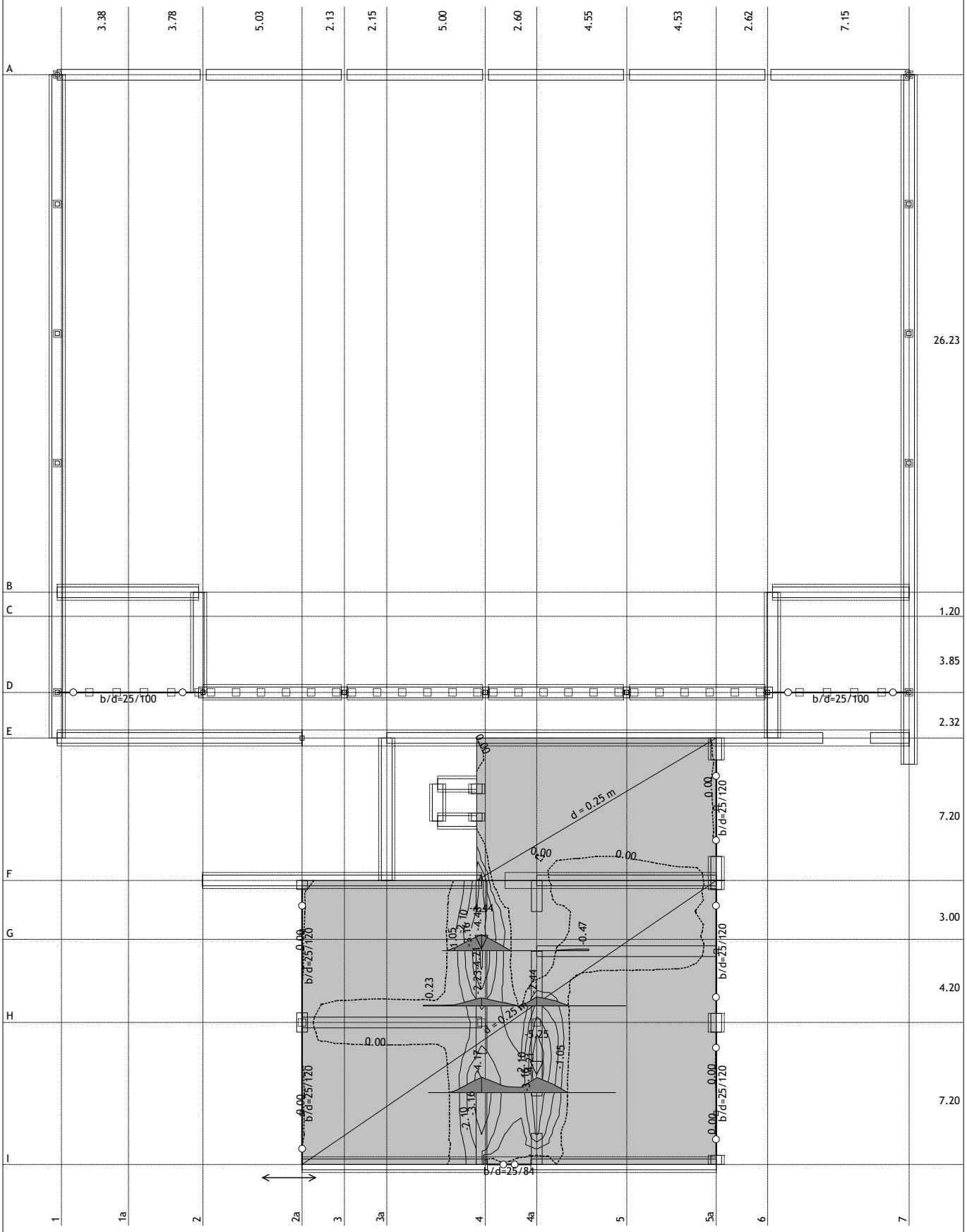
Obt. 3: I+II



Nivo: nad II.NAD [12.35 m]
Vplivi v plošči: max Zp= -0.01 / min Zp= -6.06 m / 1000

NAD II. NAD

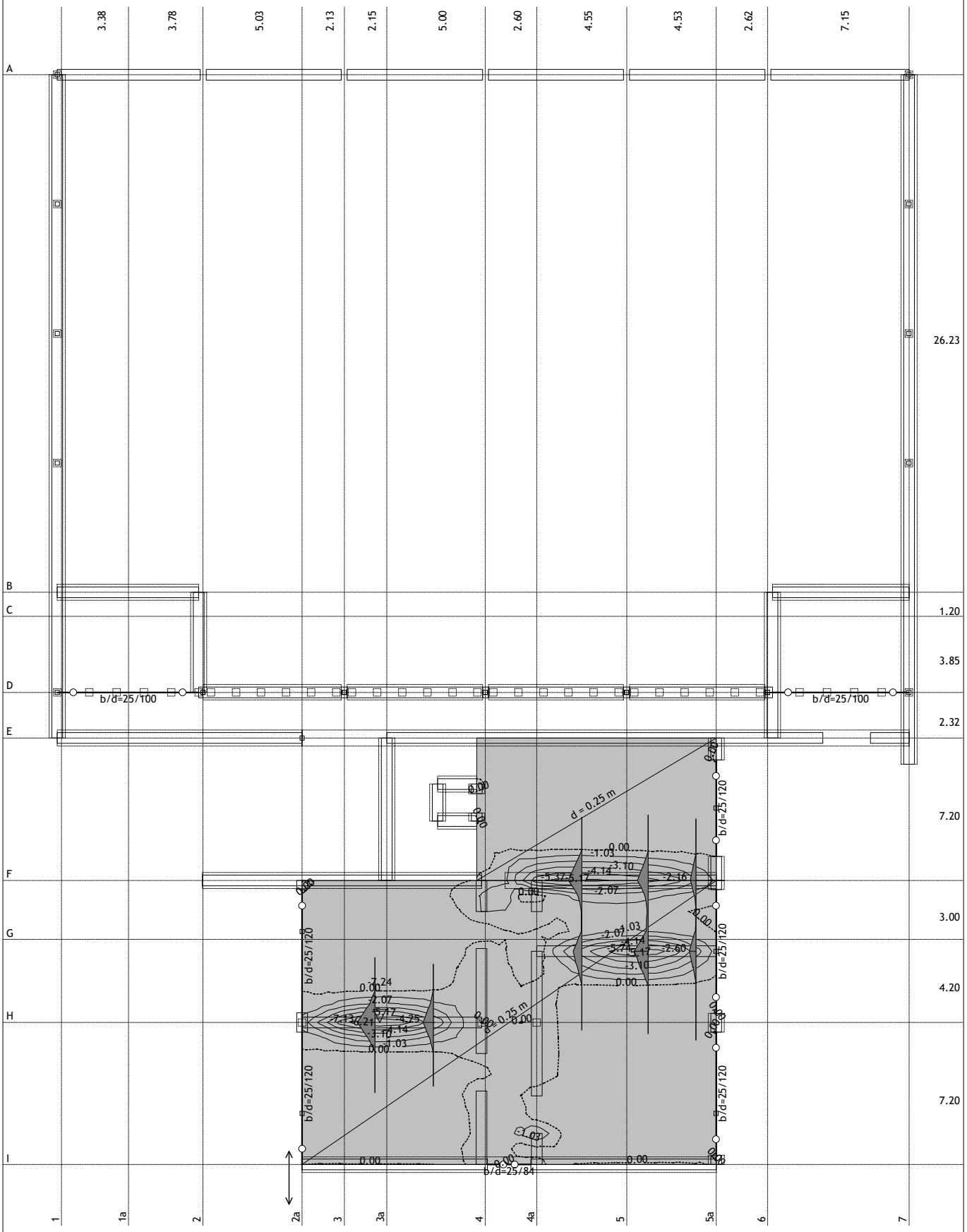
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: nad II.NAD [12.35 m]
Aa - zg.cona - Smer 1 - max Aa1,z= -5.25 cm2/m

NAD II. NAD

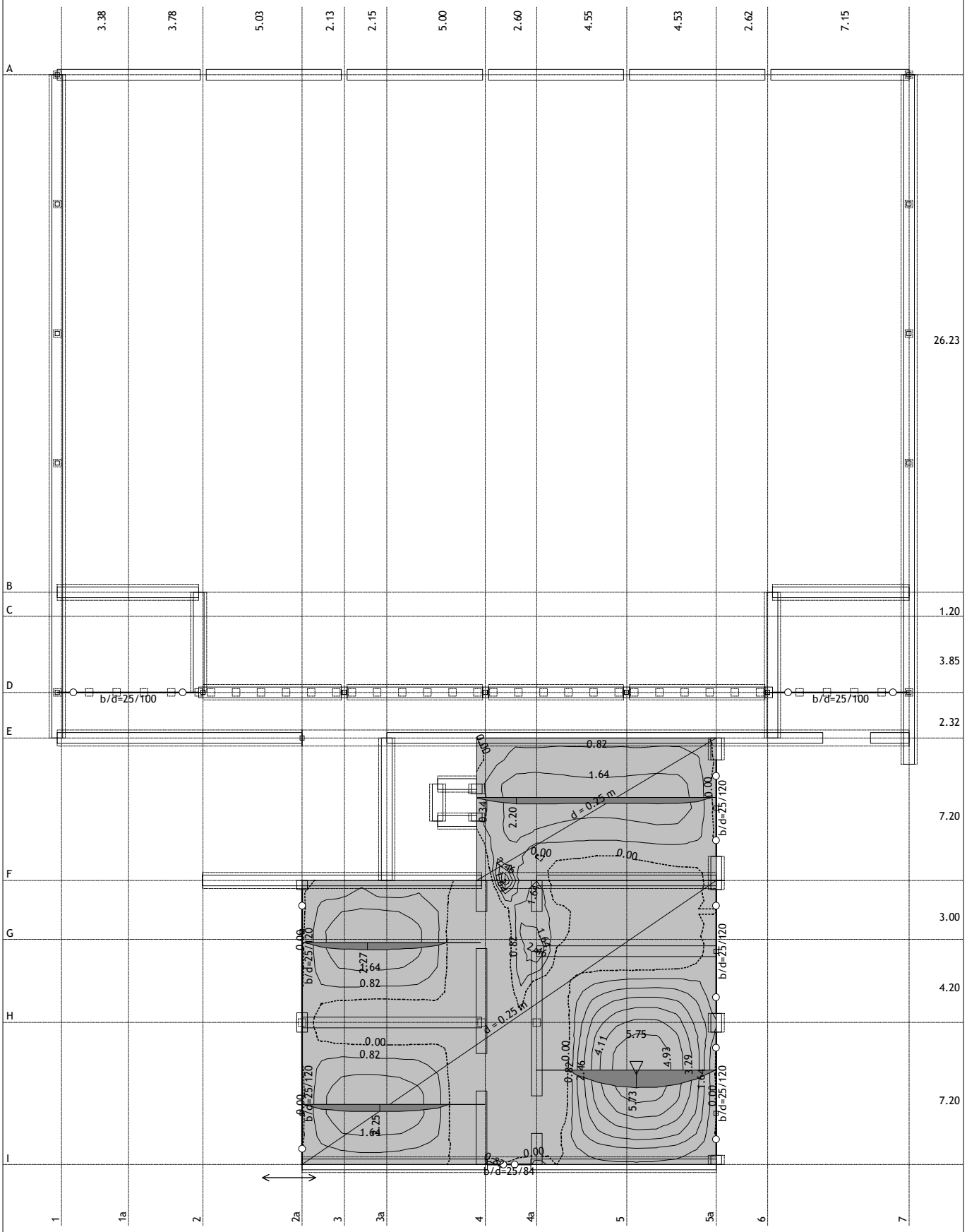
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: nad II.NAD [12.35 m]
Aa - zg.cona - Smer 2 - max Aa2,z= -7.24 cm2/m

NAD II. NAD

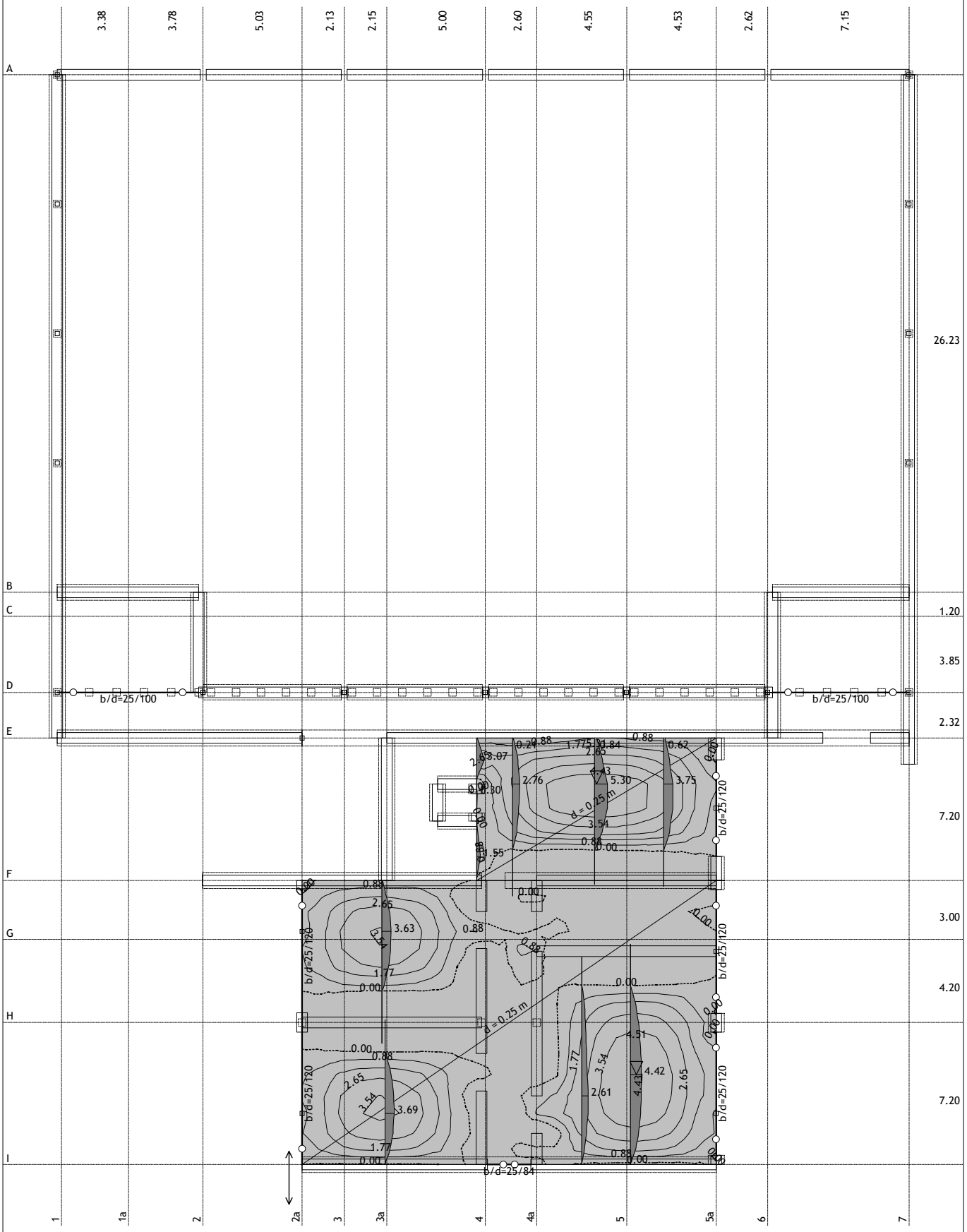
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: nad II.NAD [12.35 m]
Aa - sp.cona - Smer 1 - max Aa1,s= 5.75 cm2/m

NAD II. NAD

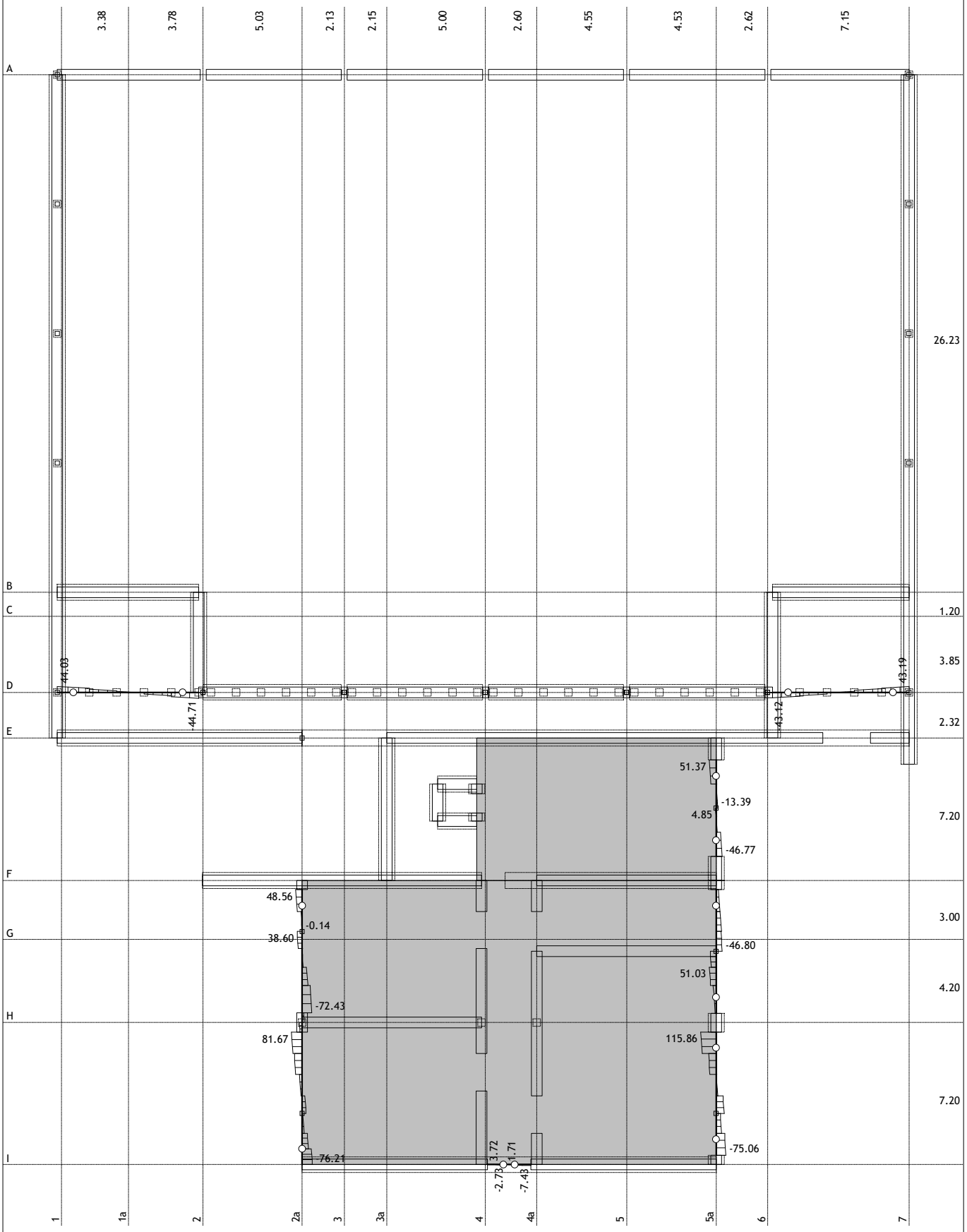
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: nad II.NAD [12.35 m]
Aa - sp.cona - Smer 2 - max Aa2,s= 5.31 cm2/m

NAD II. NAD

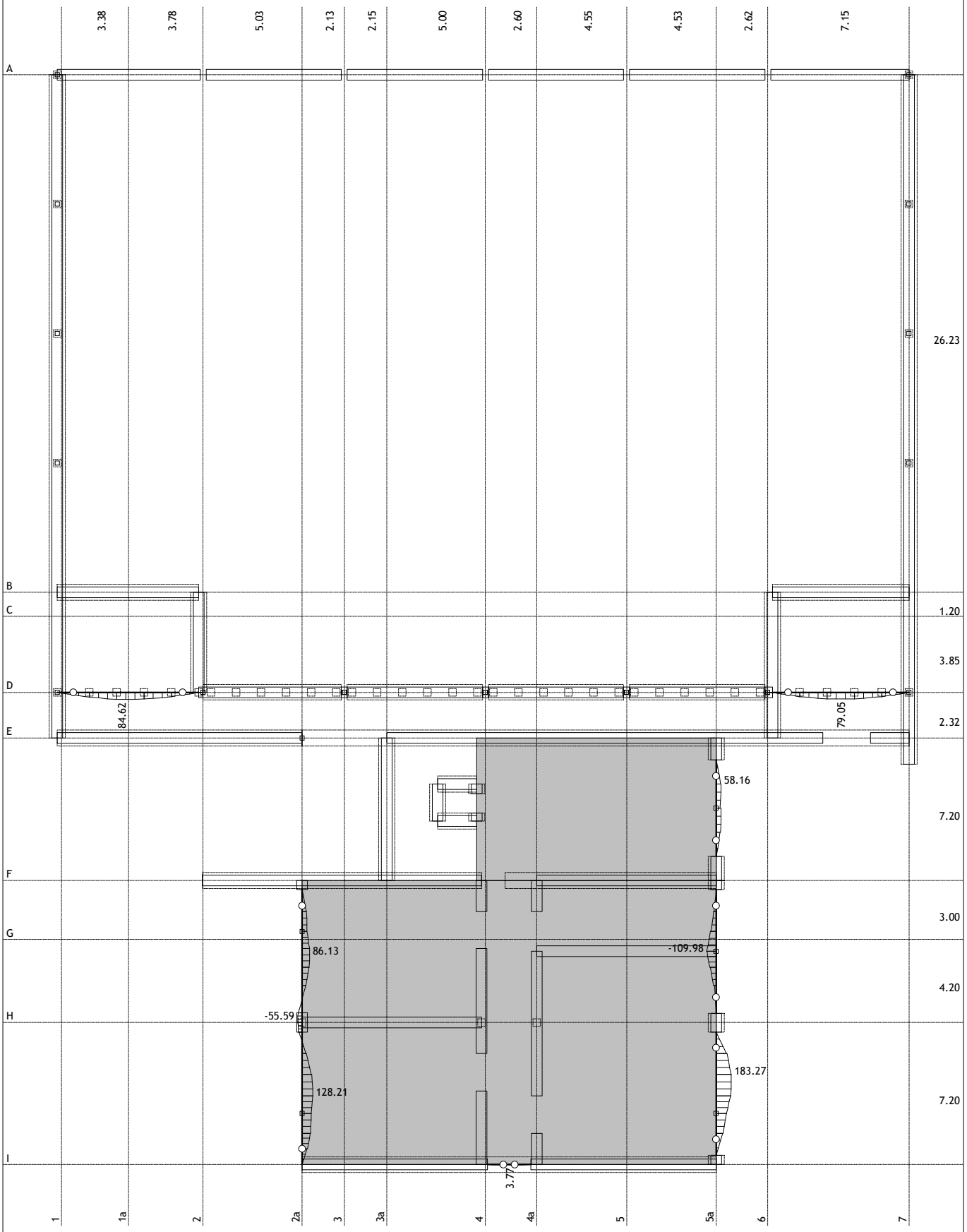
Obt. 4: 1.35xI+1.5xII



Nivo: nad II.NAD [12.35 m]
Vplivi v gredi: max T2= 115.86 / min T2= -76.21 kN

NAD II. NAD

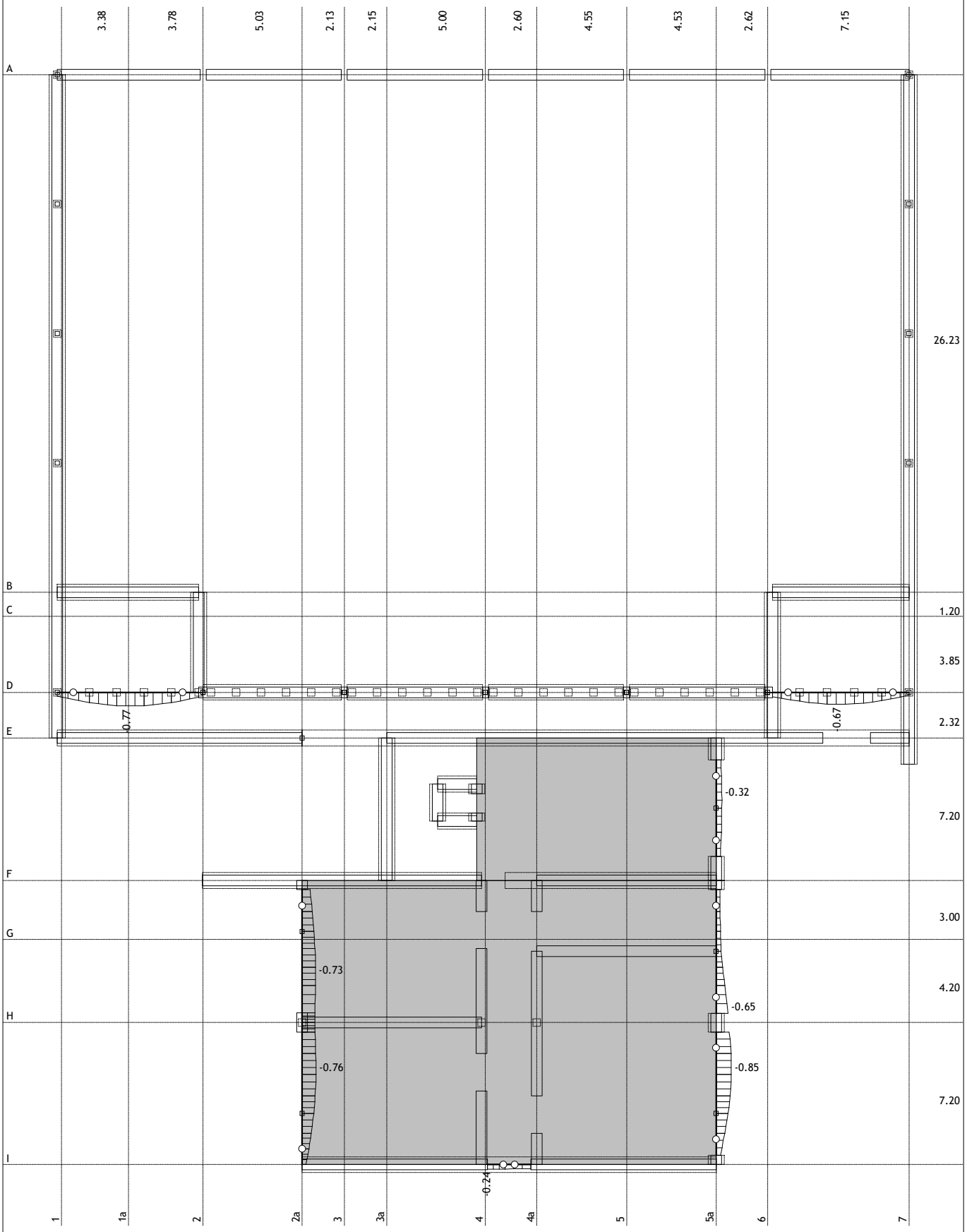
Obt. 4: 1.35xI+1.5xII



Nivo: nad II.NAD [12.35 m]
Vplivi v gredi: max M3= 183.27 / min M3= -109.98 kNm

NAD II. NAD

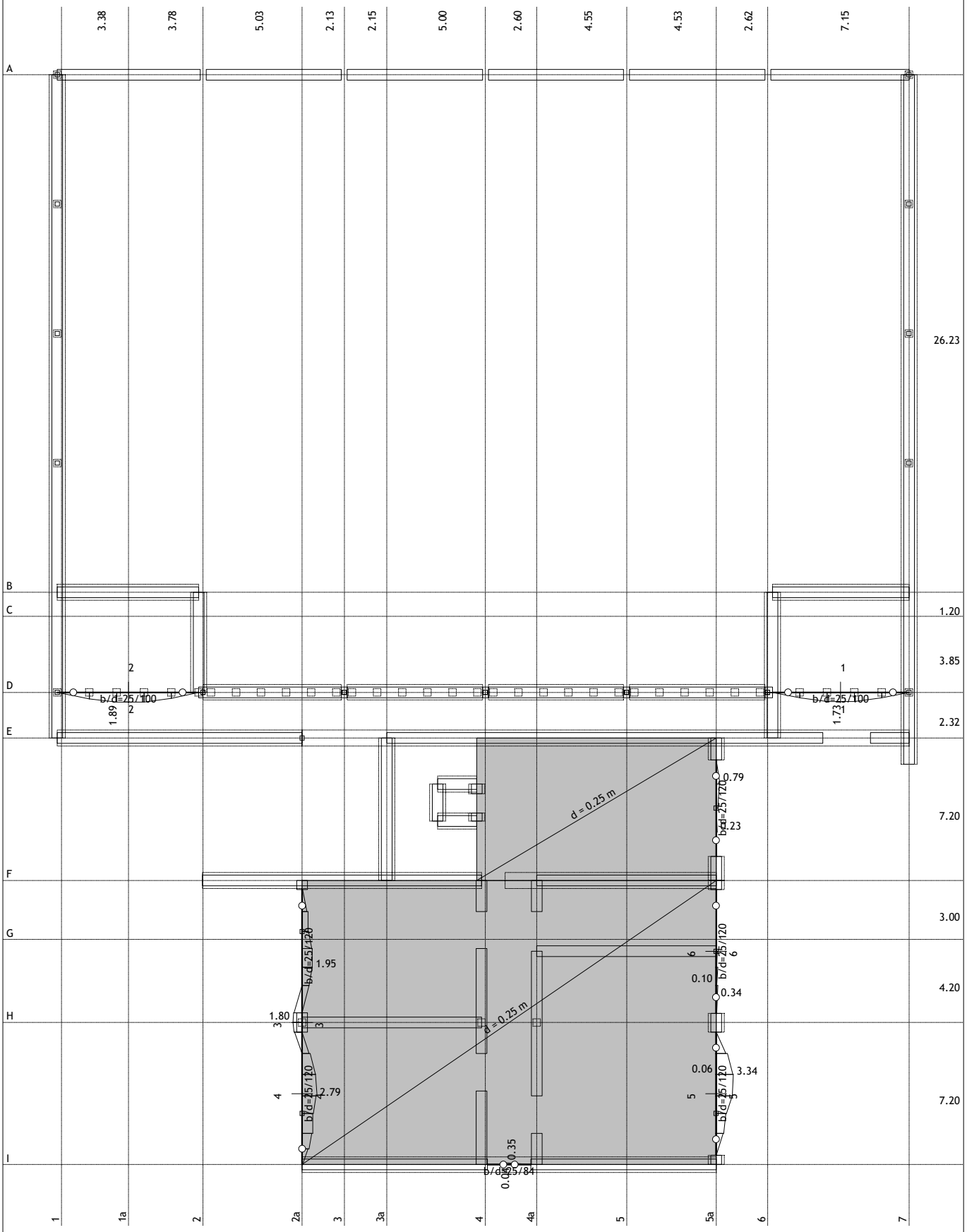
Obt. 3: I+II



Nivo: nad II.NAD [12.35 m]
Vplivi v gredi: max Zp= -0.16 / min Zp= -0.85 m / 1000

NAD II. NAD

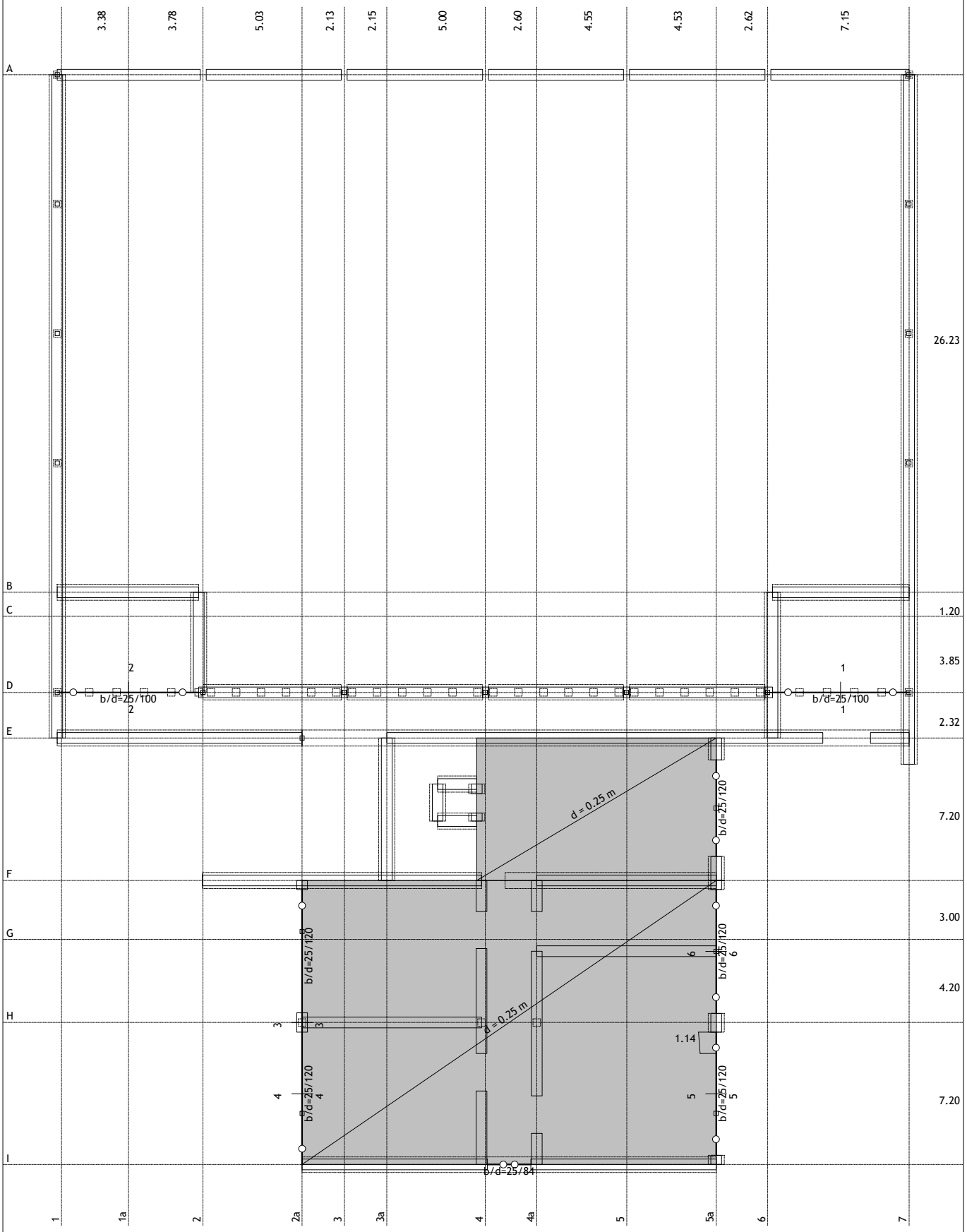
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H



Nivo: nad II.NAD [12.35 m]
Armatura v gredah: max Aa2/Aa1= 3.34 cm2

NAD II. NAD

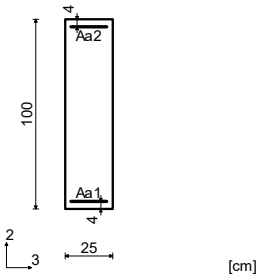
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H



Nivo: nad II.NAD [12.35 m]
Armatura v gredah: max Aa,st= 1.14 cm2

NAD II. NAD

Greda 9891-10308
EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII



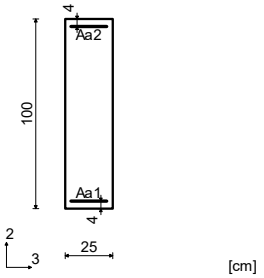
Prerez 1-1 x = 4.15m

N1u =	-13.38 kN
T2u =	5.83 kN
T3u =	-0.12 kN
M1u =	-0.03 kNm
M2u =	-0.07 kNm
M3u =	77.29 kNm

εb/εa = -1.327/25.000 ‰

Aa1 =	1.73 cm2	
Aa2 =	0.00 cm2	
Aa3 =	0.00 cm2	
Aa4 =	0.00 cm2	
Aa,st =	0.00 cm2/m	(m=2)

Greda 5074-3181
EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII



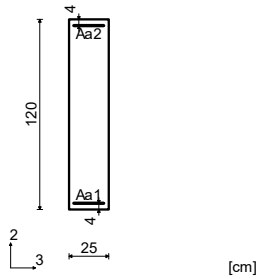
Prerez 2-2 x = 4.15m

N1u =	-12.86 kN
T2u =	4.32 kN
T3u =	-0.23 kN
M1u =	-0.03 kNm
M2u =	-0.74 kNm
M3u =	83.52 kNm

εb/εa = -1.519/25.000 ‰

Aa1 =	1.89 cm2	
Aa2 =	0.00 cm2	
Aa3 =	0.00 cm2	
Aa4 =	0.00 cm2	
Aa,st =	0.00 cm2/m	(m=2)

Greda 2187-3837
EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII



Prerez 3-3 x = 0.00m

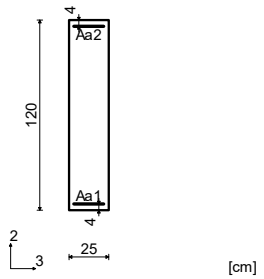
N1u =	55.52 kN
T2u =	-13.15 kN
T3u =	-2.22 kN
M1u =	-1.03 kNm
M2u =	0.95 kNm
M3u =	-56.96 kNm

εb/εa = -0.841/25.000 ‰

Aa1 =	0.00	+	0.00`	=	0.00 cm2
Aa2 =	1.79	+	0.00`	=	1.79 cm2
Aa3 =	0.00	+	0.06`	=	0.06 cm2
Aa4 =	0.00	+	0.06`	=	0.06 cm2
Aa,st =			0.00 cm2/m		(m=2)

`) - dodatna vzdolžna armatura za prevzem torzije.

Greda 1065-2187
EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII



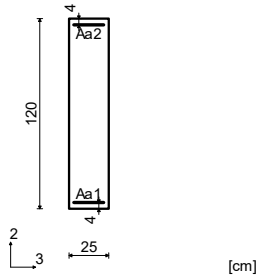
Prerez 4-4 x = 3.49m

N1u =	47.51 kN
T2u =	5.83 kN
T3u =	-0.02 kN
M1u =	0.11 kNm
M2u =	-0.14 kNm
M3u =	110.95 kNm

εb/εa = -1.102/25.000 ‰

Aa1 =	2.79 cm2	
Aa2 =	0.00 cm2	
Aa3 =	0.00 cm2	
Aa4 =	0.00 cm2	
Aa,st =	0.00 cm2/m	(m=2)

Greda 5774-7163
EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII



Prerez 5-5 x = 3.02m

N1u =	-3.92 kN
T2u =	-16.75 kN
M1u =	-5.91 kNm
M2u =	0.13 kNm
M3u =	151.64 kNm

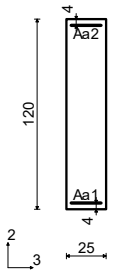
εb/εa = -1.532/25.000 ‰

Aa1 =	3.02	+	0.06`	=	3.08 cm2
Aa2 =	0.00	+	0.06`	=	0.06 cm2
Aa3 =	0.00	+	0.34`	=	0.34 cm2
Aa4 =	0.00	+	0.34`	=	0.34 cm2
Aa,st =			0.00 cm2/m		(m=2)

`) - dodatna vzdolžna armatura za prevzem torzije.

Greda 7342-8432
EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII

NAD II. NAD



[cm]

Prerez 6-6 x = 3.13m

N1u = -102.66 kN
T2u = -10.17 kN
T3u = -3.07 kN
M1u = 10.09 kNm
M2u = -2.21 kNm
M3u = 64.82 kNm

εb/εa = -1.696/25.000 ‰

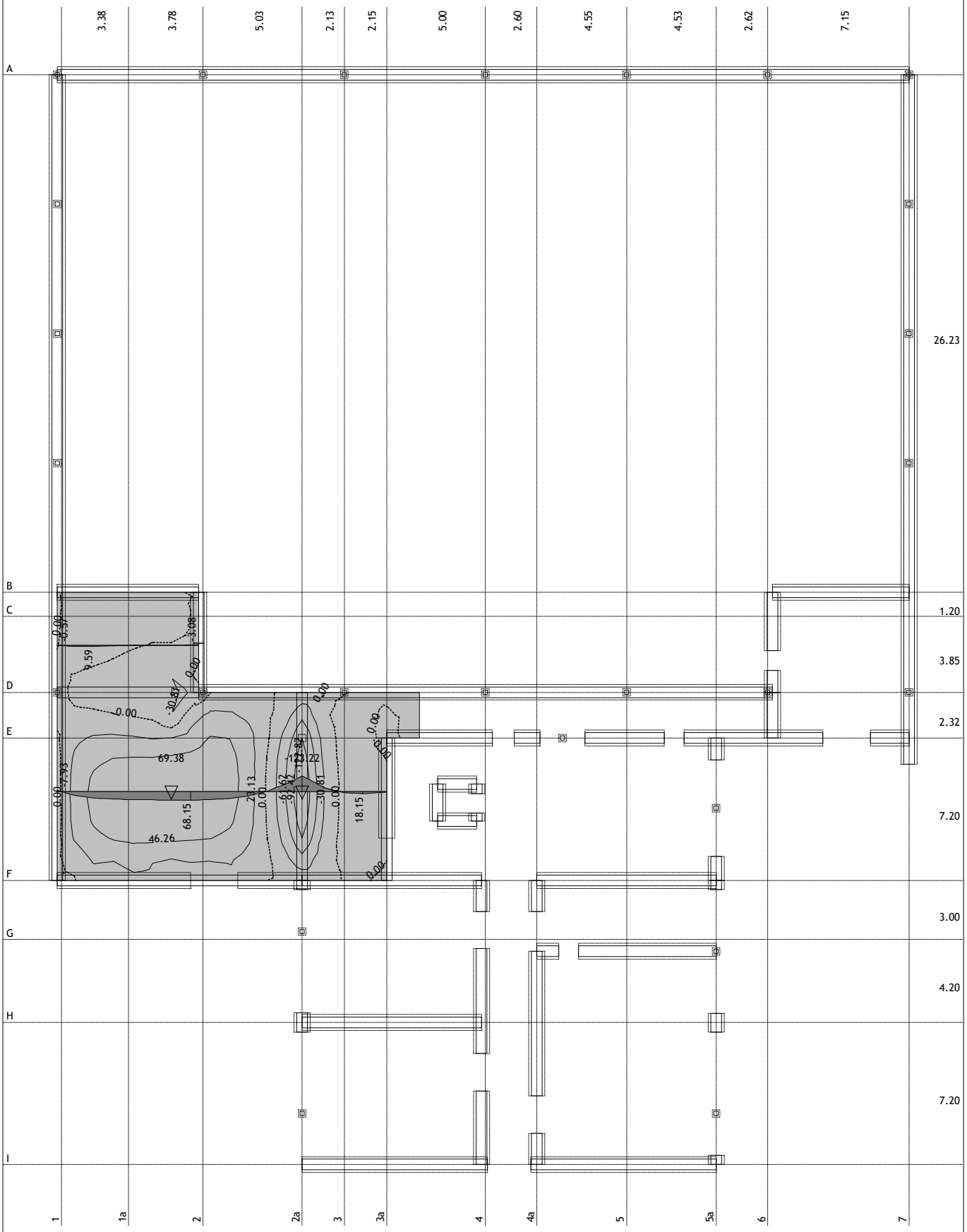
Aa1 =	0.11	+	0.10`	=	0.21 cm2
Aa2 =	0.00	+	0.10`	=	0.10 cm2
Aa3 =	0.00	+	0.58`	=	0.58 cm2
Aa4 =	0.00	+	0.58`	=	0.58 cm2

Aa,st = 0.00 cm2/m (m=2)

`) - dodatna vzdolžna armatura za prevzem torzije.

NAD I. NAD

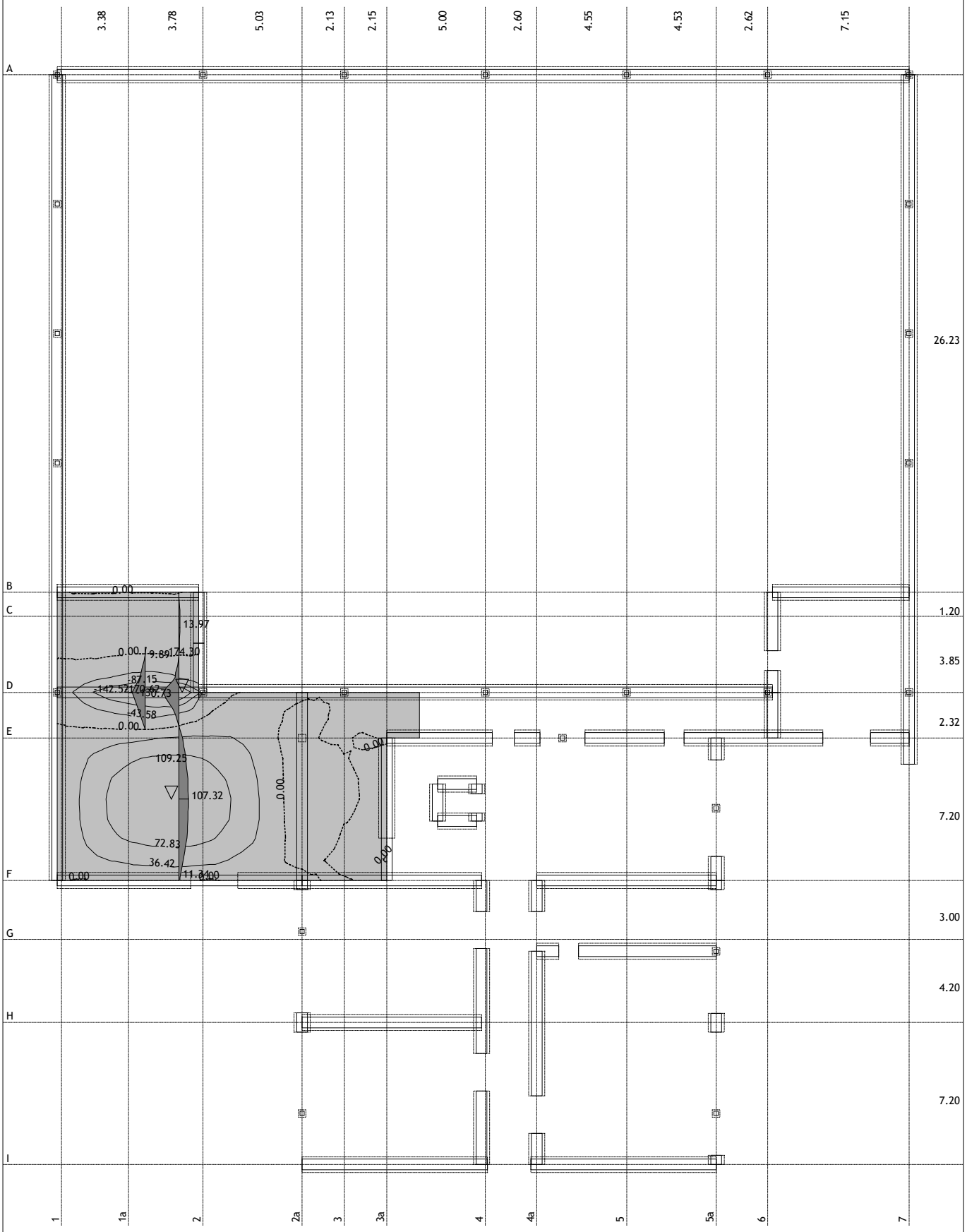
Obt. 4: 1.35xI+1.5xII



Nivo: nad I.NAD dvorana [9.30 m]
Vplivi v plošči: max Mx= 69.38 / min Mx= -123.22 kNm/m

NAD I. NAD

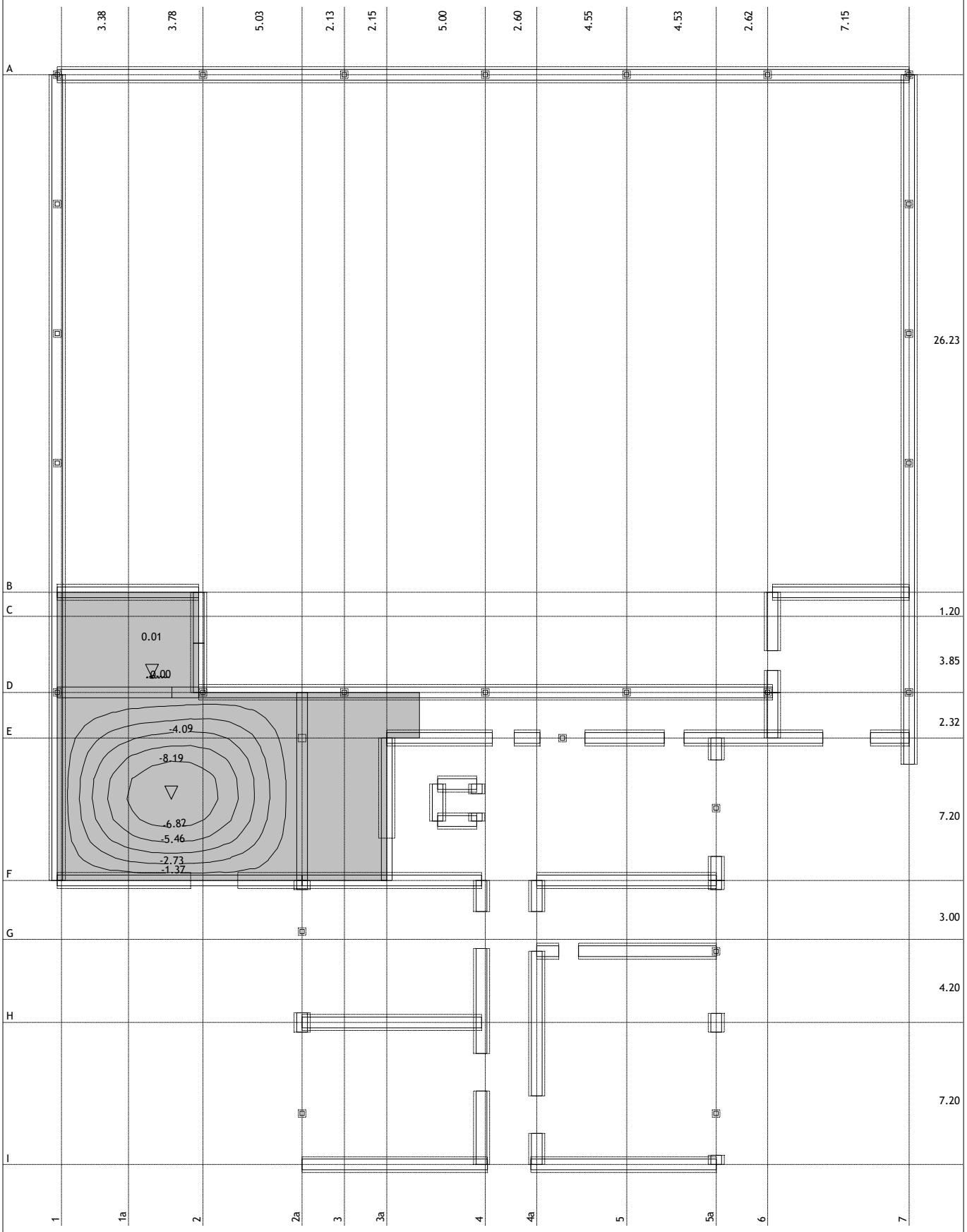
Obt. 4: 1.35xI+1.5xII



Nivo: nad I.NAD dvorana [9.30 m]
Vplivi v plošči: max My= 109.25 / min My= -174.30 kNm/m

NAD I. NAD

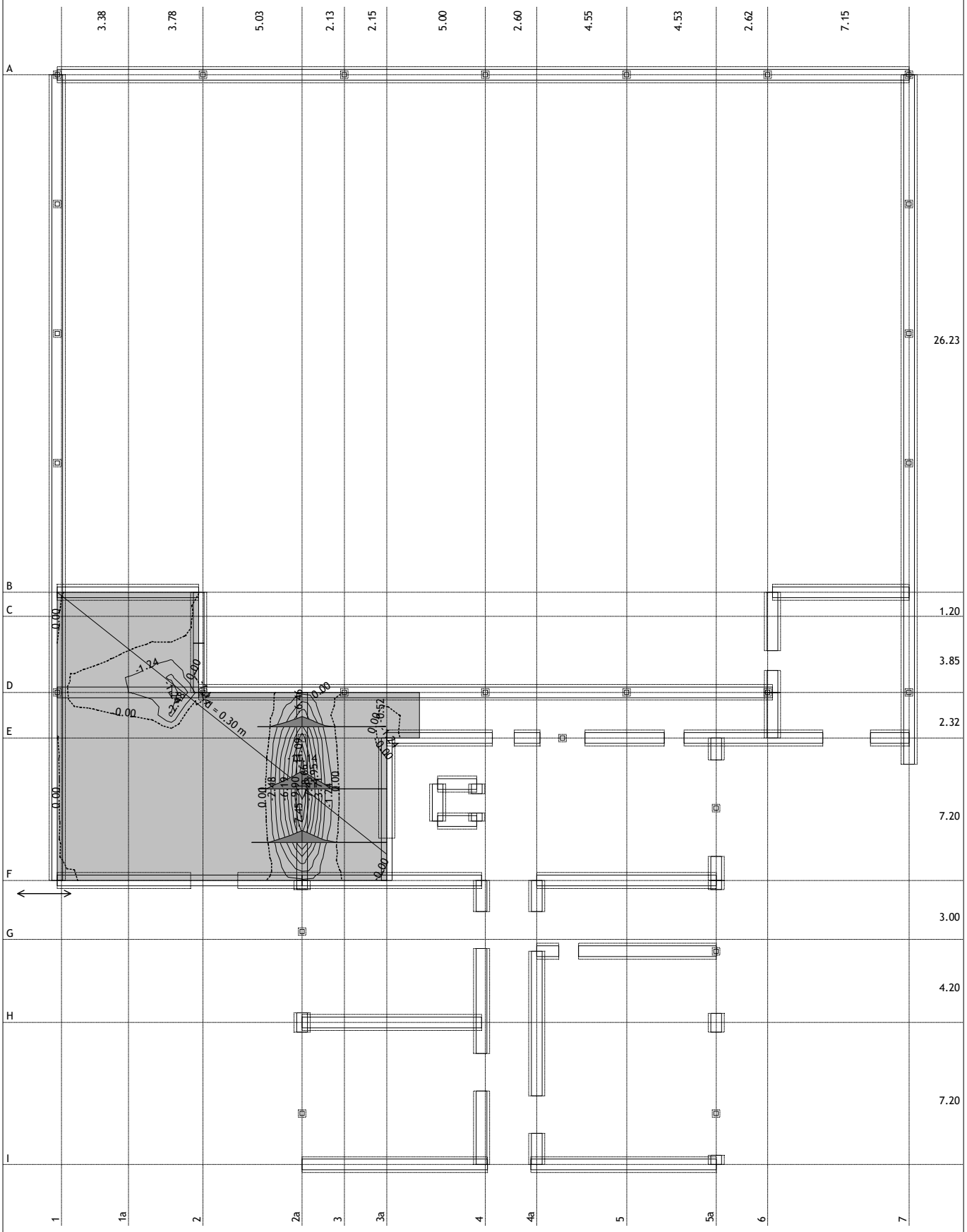
Obt. 3: I+II



Nivo: nad I.NAD dvorana [9.30 m]
Vplivi v plošči: max Zp= 0.01 / min Zp= -8.19 m / 1000

NAD I. NAD

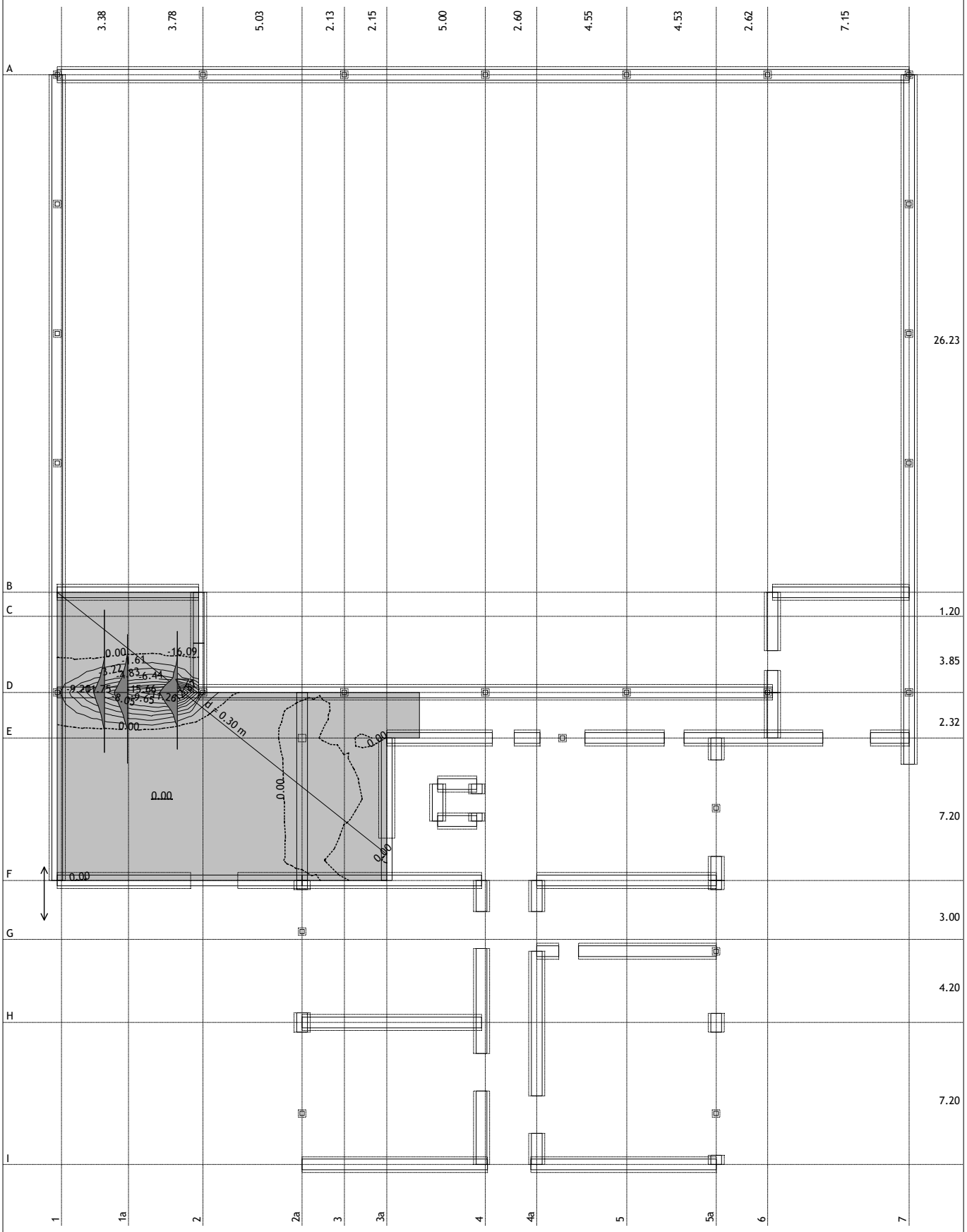
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: nad I.NAD dvorana [9.30 m]
Aa - zg.cona - Smer 1 - max Aa1,z= -11.14 cm2/m

NAD I. NAD

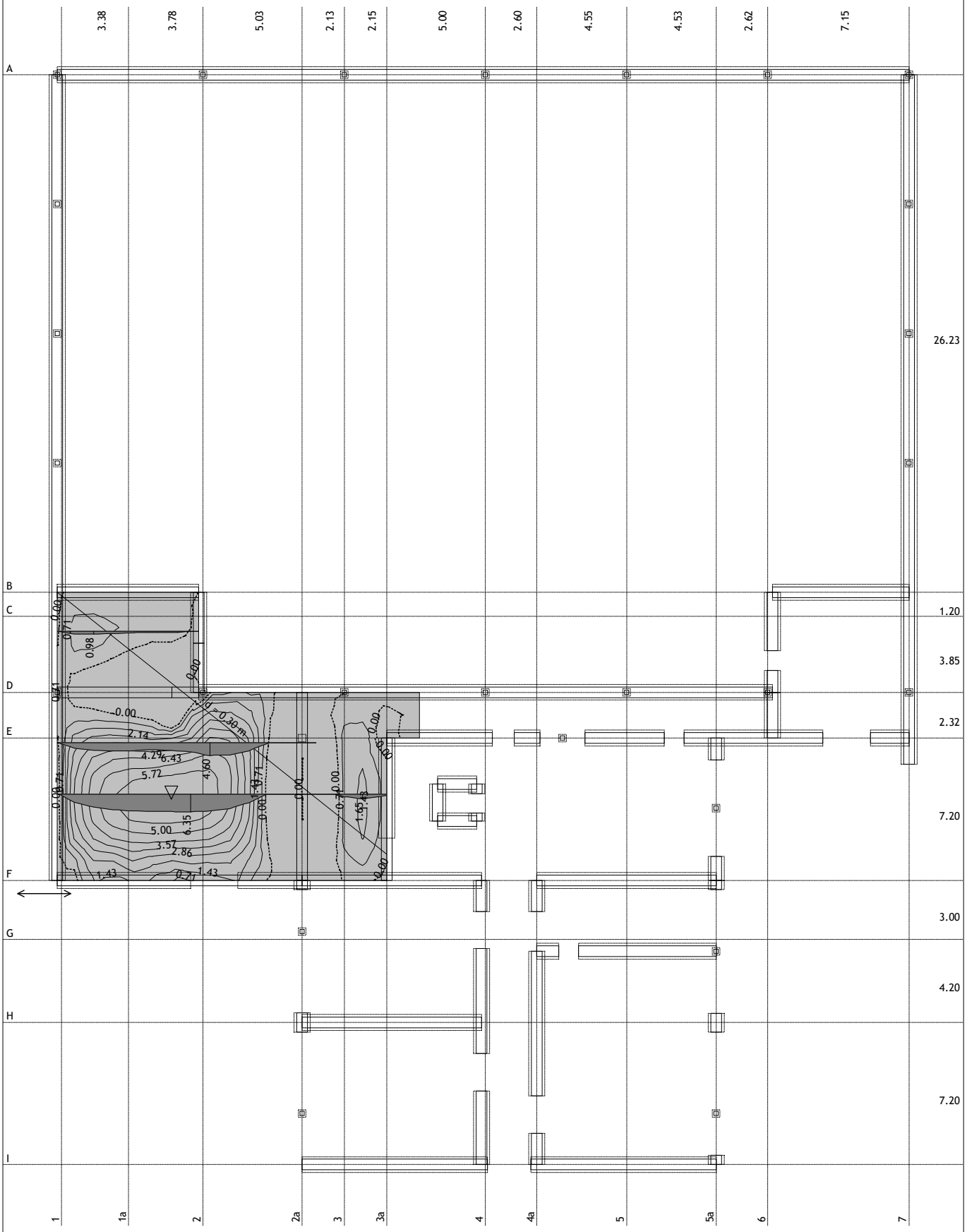
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: nad I.NAD dvorana [9.30 m]
Aa - zg.cona - Smer 2 - max Aa2,z= -16.09 cm2/m

NAD I. NAD

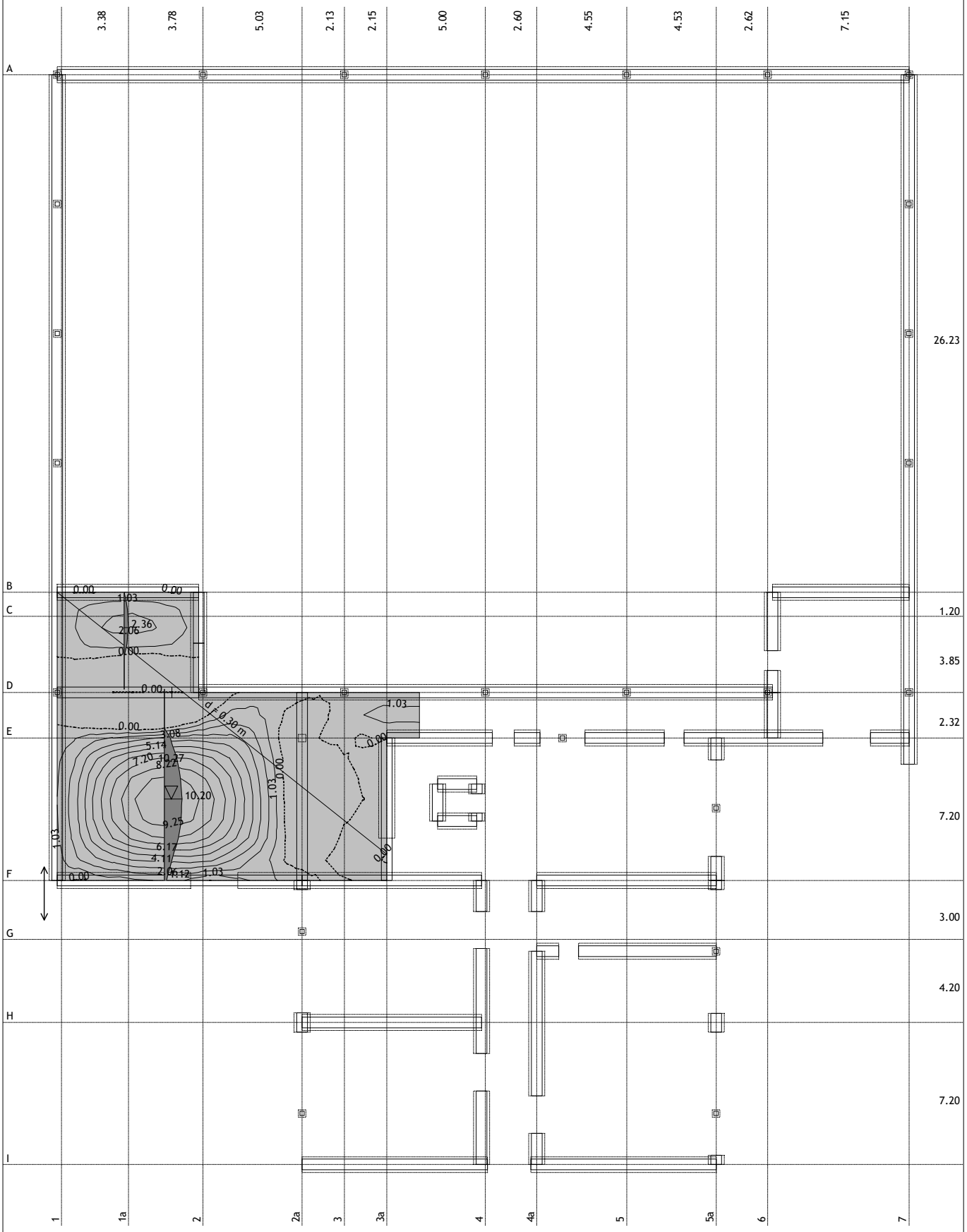
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: nad I.NAD dvorana [9.30 m]
Aa - sp.cona - Smer 1 - max Aa1,s= 6.43 cm2/m

NAD I. NAD

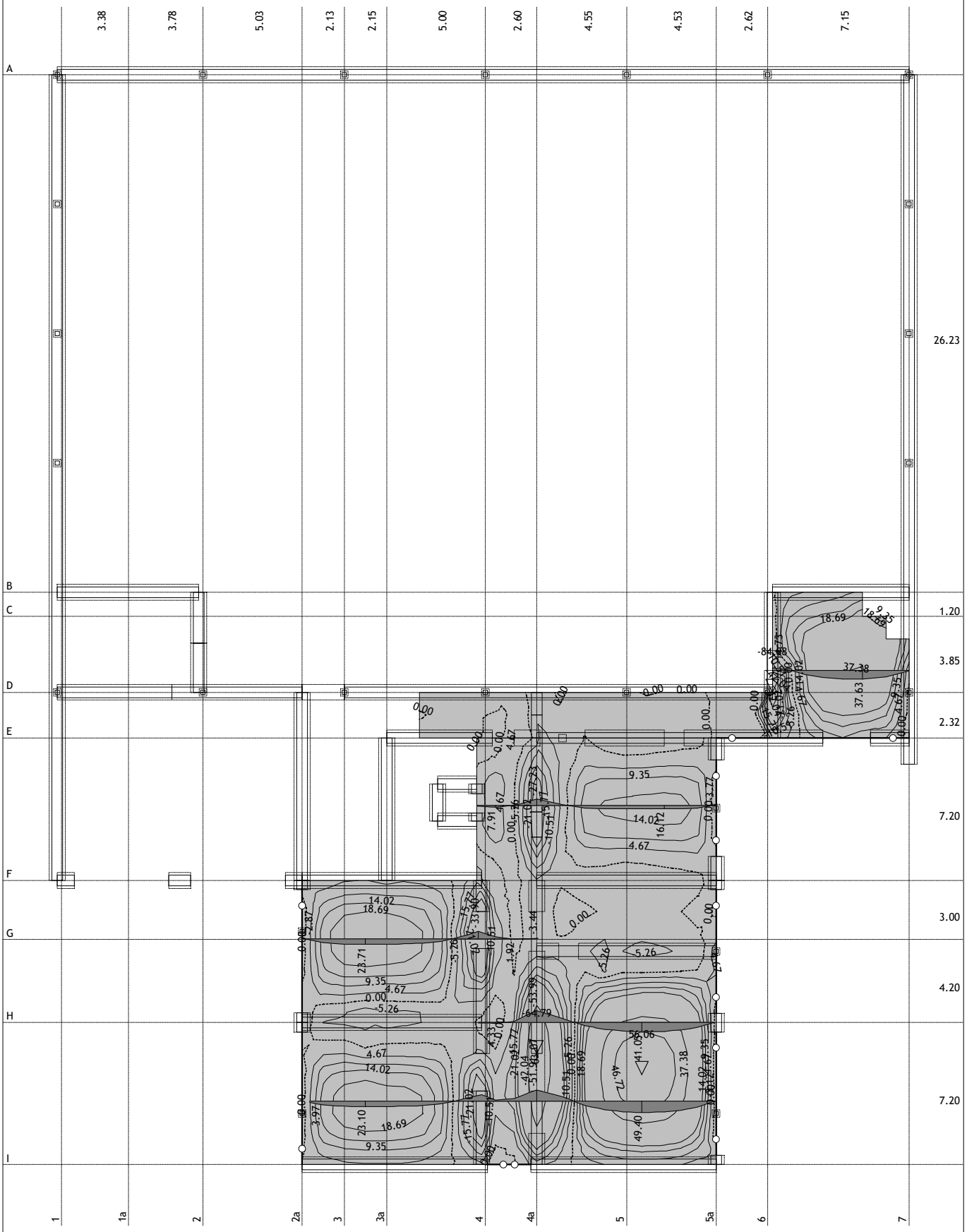
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: nad I.NAD dvorana [9.30 m]
Aa - sp.cona - Smer 2 - max Aa2,s= 10.27 cm2/m

NAD I. NAD

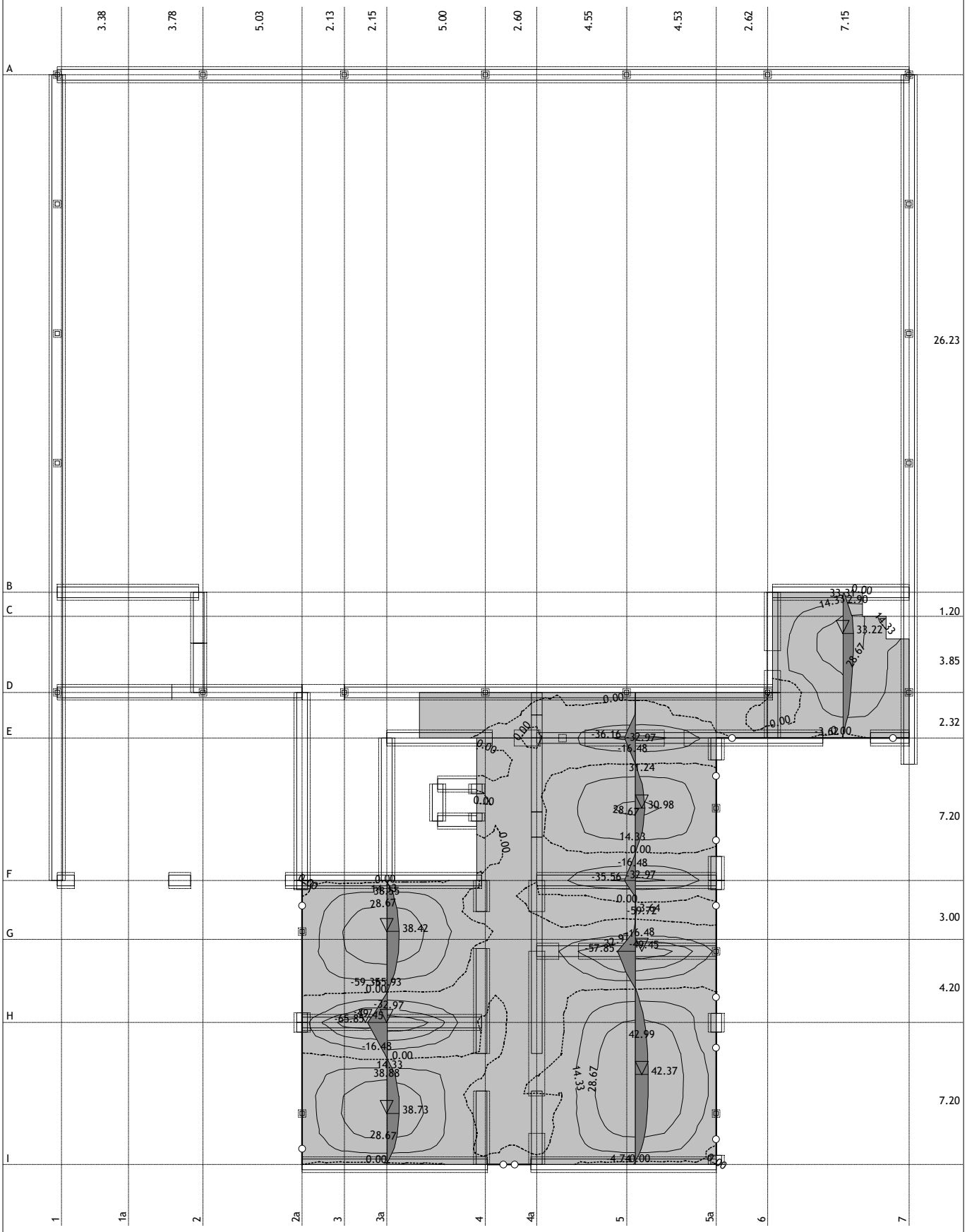
Obt. 4: 1.35xI+1.5xII



Nivo: nad I.NAD [8.30 m]
Vplivi v plošči: max Mx= 56.06 / min Mx= -84.08 kNm/m

NAD I. NAD

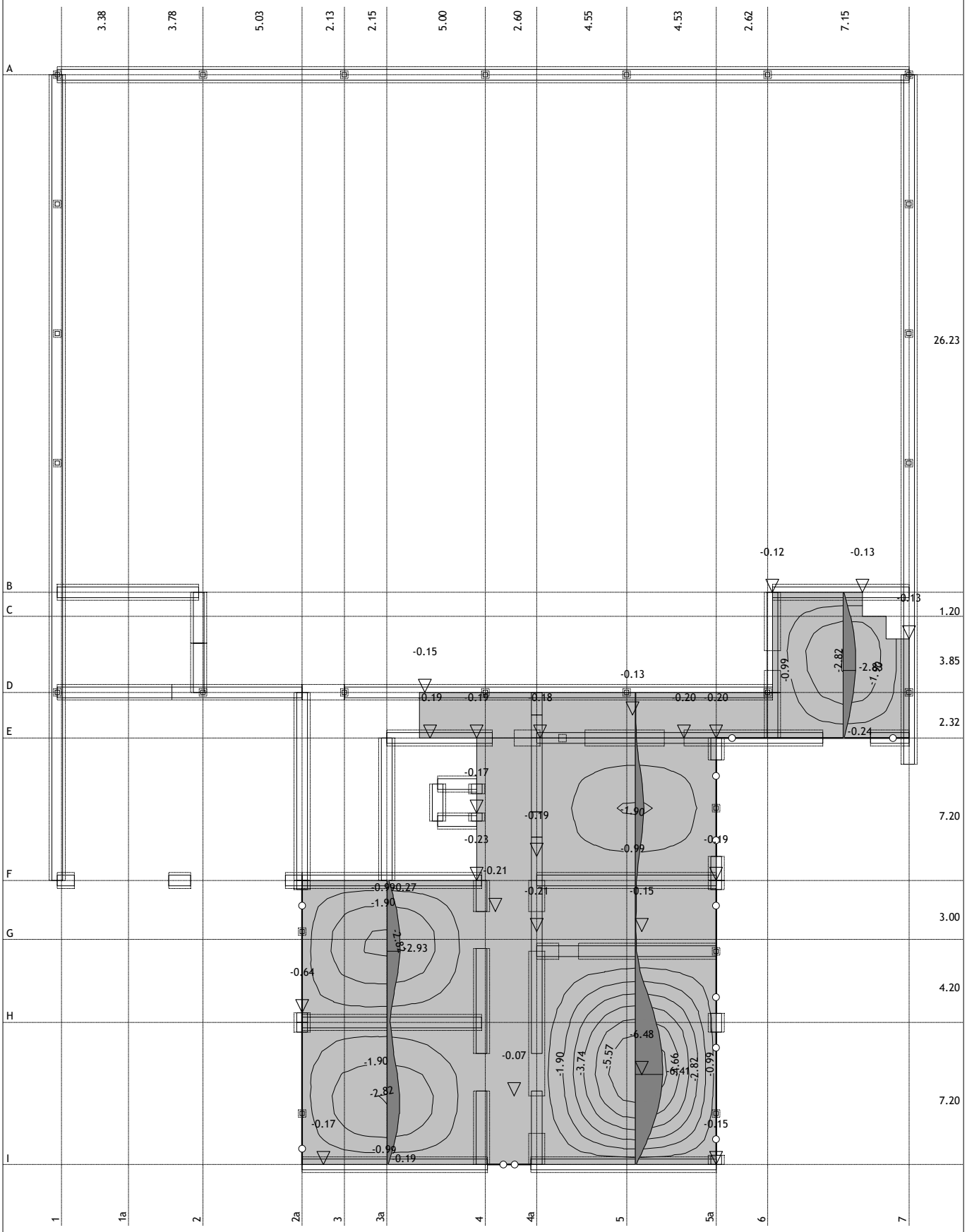
Obt. 4: 1.35xI+1.5xII



Nivo: nad I.NAD [8.30 m]
Vplivi v plošči: max My= 42.99 / min My= -65.93 kNm/m

NAD I. NAD

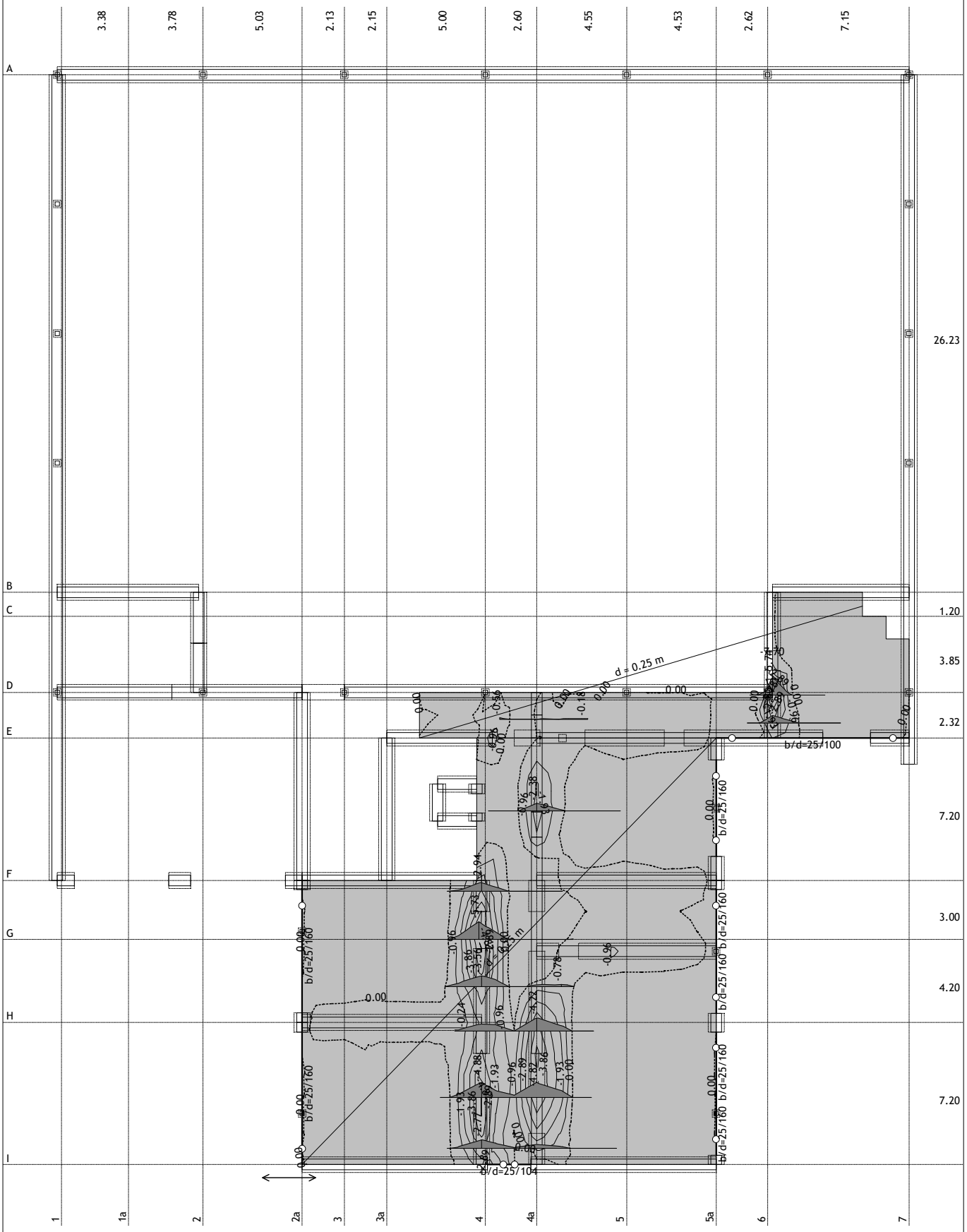
Obt. 3: I+II



Nivo: nad I.NAD [8.30 m]
Vplivi v plošči: max Zp= -0.07 / min Zp= -6.48 m / 1000

NAD I. NAD

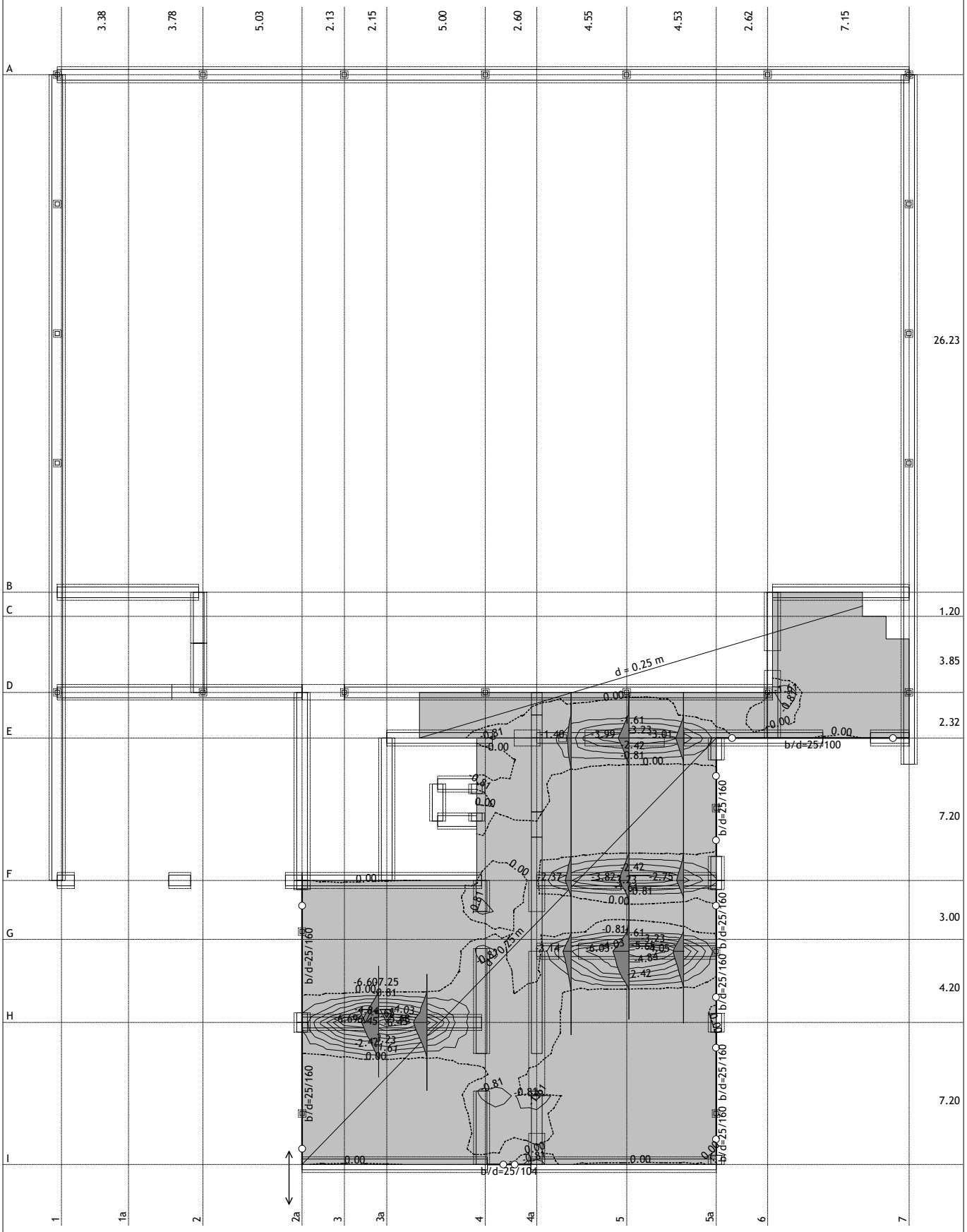
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: nad I.NAD [8.30 m]
Aa - zg.cona - Smer 1 - max Aa1,z= -7.70 cm2/m

NAD I. NAD

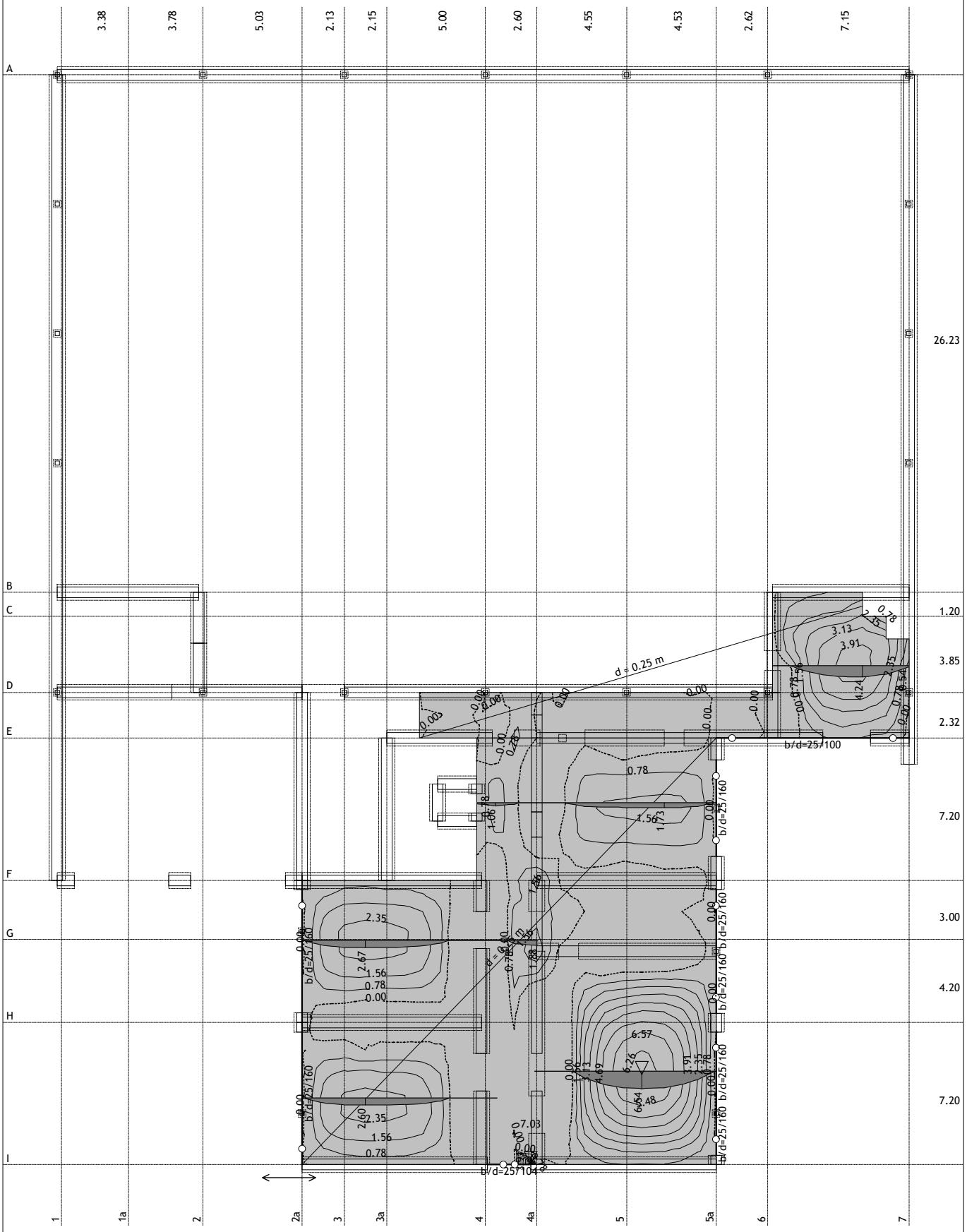
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: nad I.NAD [8.30 m]
Aa - zg.cona - Smer 2 - max Aa2,z= -7.25 cm2/m

NAD I. NAD

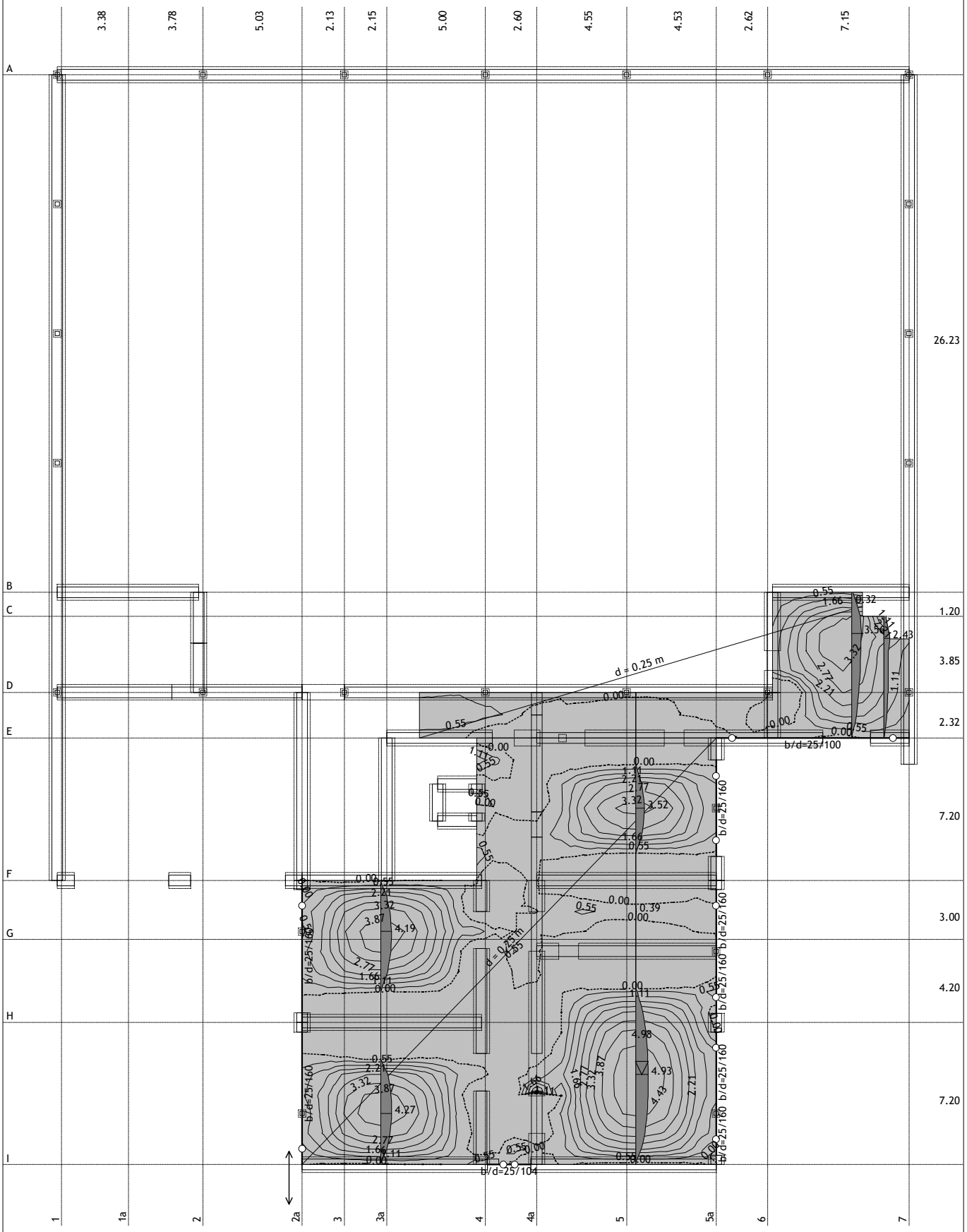
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: nad I.NAD [8.30 m]
Aa - sp.cona - Smer 1 - max Aa1,s= 7.03 cm2/m

NAD I. NAD

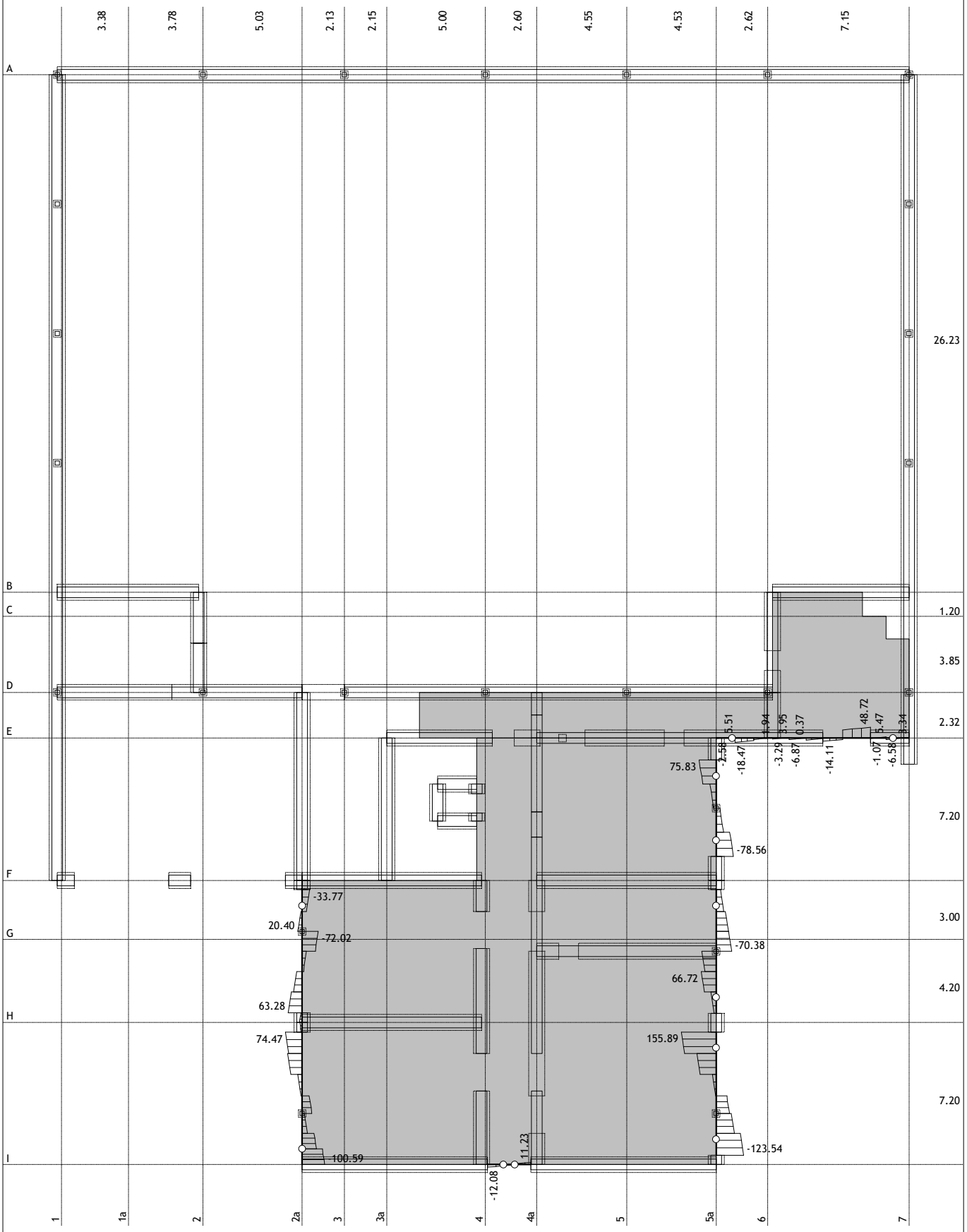
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: nad I.NAD [8.30 m]
Aa - sp.cona - Smer 2 - max Aa2,s= 4.98 cm2/m

NAD I. NAD

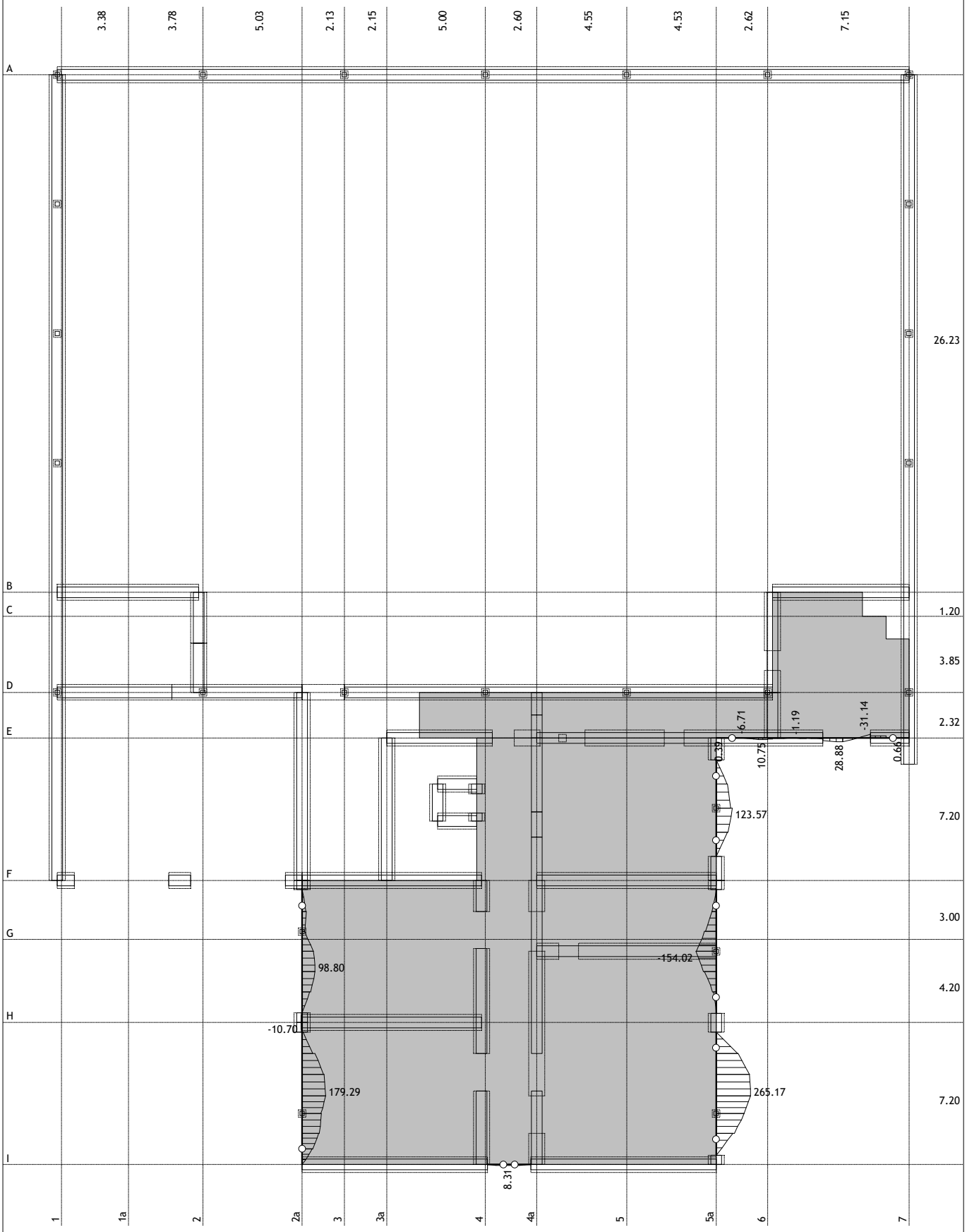
Obt. 4: 1.35xI+1.5xII



Nivo: nad I.NAD [8.30 m]
Vplivi v gredi: max T2= 155.89 / min T2= -123.54 kN

NAD I. NAD

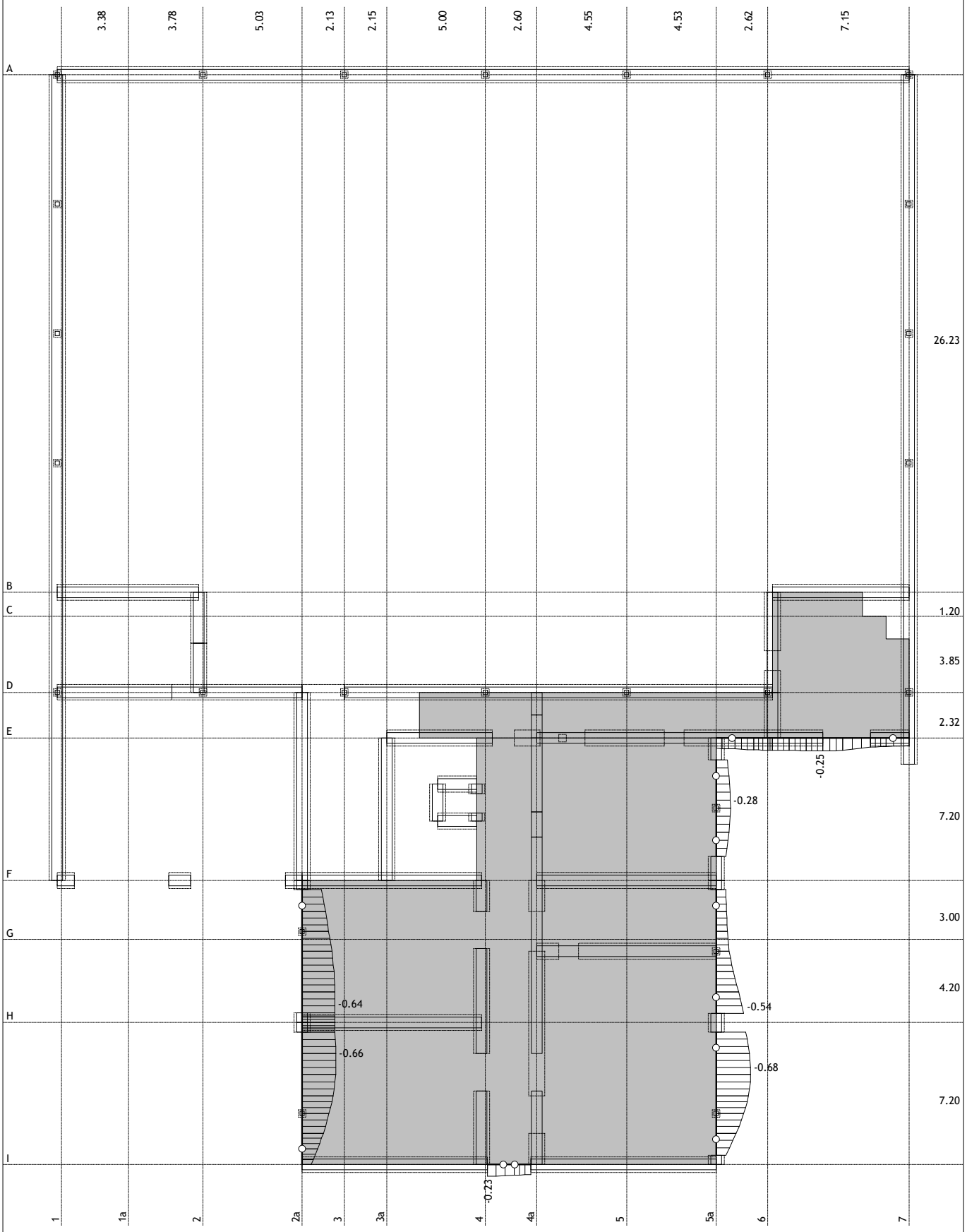
Obt. 4: 1.35xI+1.5xII



Nivo: nad I.NAD [8.30 m]
Vplivi v gredi: max M3= 265.17 / min M3= -154.02 kNm

NAD I. NAD

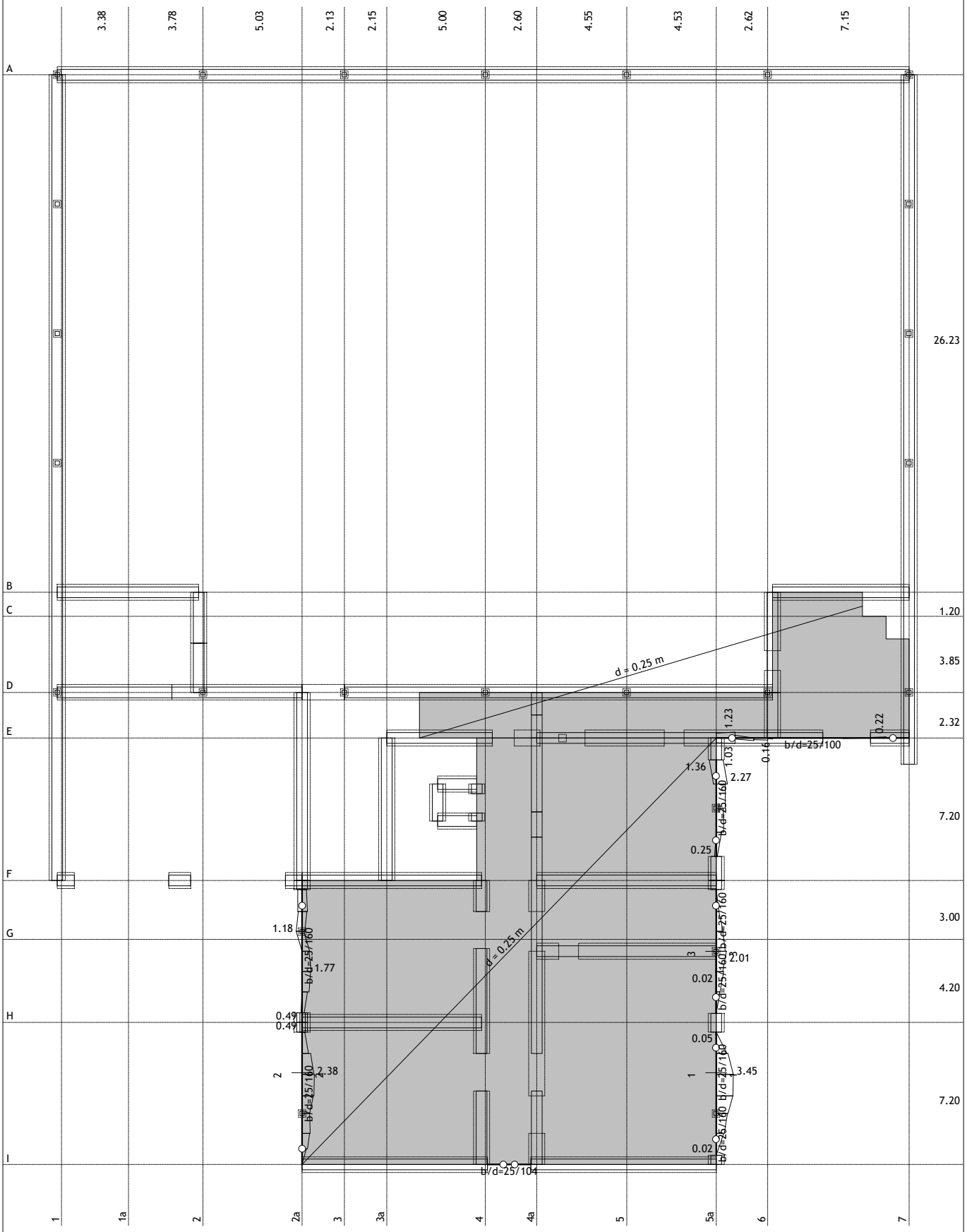
Obt. 3: I+II



Nivo: nad I.NAD [8.30 m]
Vplivi v gredi: max Zp= -0.15 / min Zp= -0.68 m / 1000

NAD I. NAD

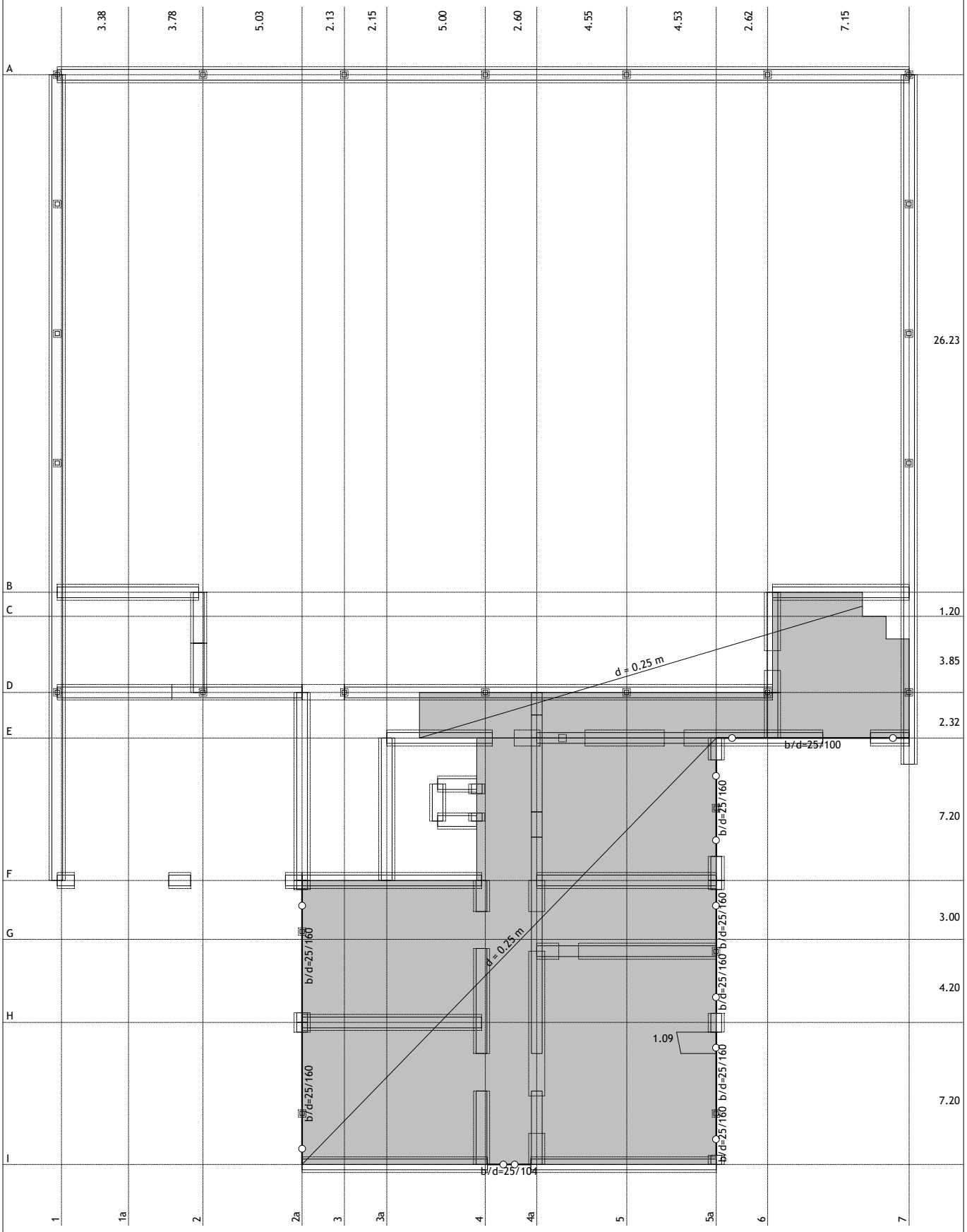
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H



Nivo: nad I.NAD [8.30 m]
Armatura v gredah: max Aa2/Aa1= 3.45 cm2

NAD I. NAD

Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H

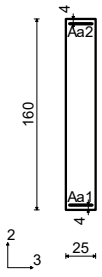


Nivo: nad I.NAD [8.30 m]
Armatura v gredah: max Aa,st= 1.09 cm2

NAD I. NAD

Greda 5295-6311

EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII



Prerez 1-1 x = 1.96m

N1u =	14.36 kN
T2u =	55.79 kN
T3u =	-0.14 kN
M1u =	1.28 kNm
M2u =	0.15 kNm
M3u =	214.10 kNm

εb/εa = -1.264/25.000 ‰

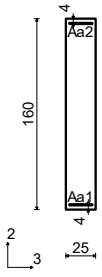
Aa1 =	3.38	+	0.00`	=	3.38 cm2
Aa2 =	0.00	+	0.00`	=	0.00 cm2
Aa3 =	0.00	+	0.07`	=	0.07 cm2
Aa4 =	0.00	+	0.07`	=	0.07 cm2

Aa,st = 0.00 cm2/m (m=2)

`) - dodatna vzdolžna armatura za prevzem torzije.

Greda 659-1507

EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII



Prerez 2-2 x = 4.56m

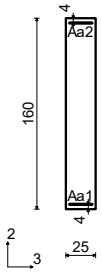
N1u =	28.42 kN
T2u =	31.97 kN
T3u =	0.02 kN
M1u =	0.15 kNm
M2u =	-0.18 kNm
M3u =	131.06 kNm

εb/εa = -0.910/25.000 ‰

Aa1 =	2.29 cm2
Aa2 =	0.00 cm2
Aa3 =	0.00 cm2
Aa4 =	0.00 cm2
Aa,st =	0.00 cm2/m (m=2)

Greda 7169-7763

EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII



Prerez 3-3 x = 0.00m

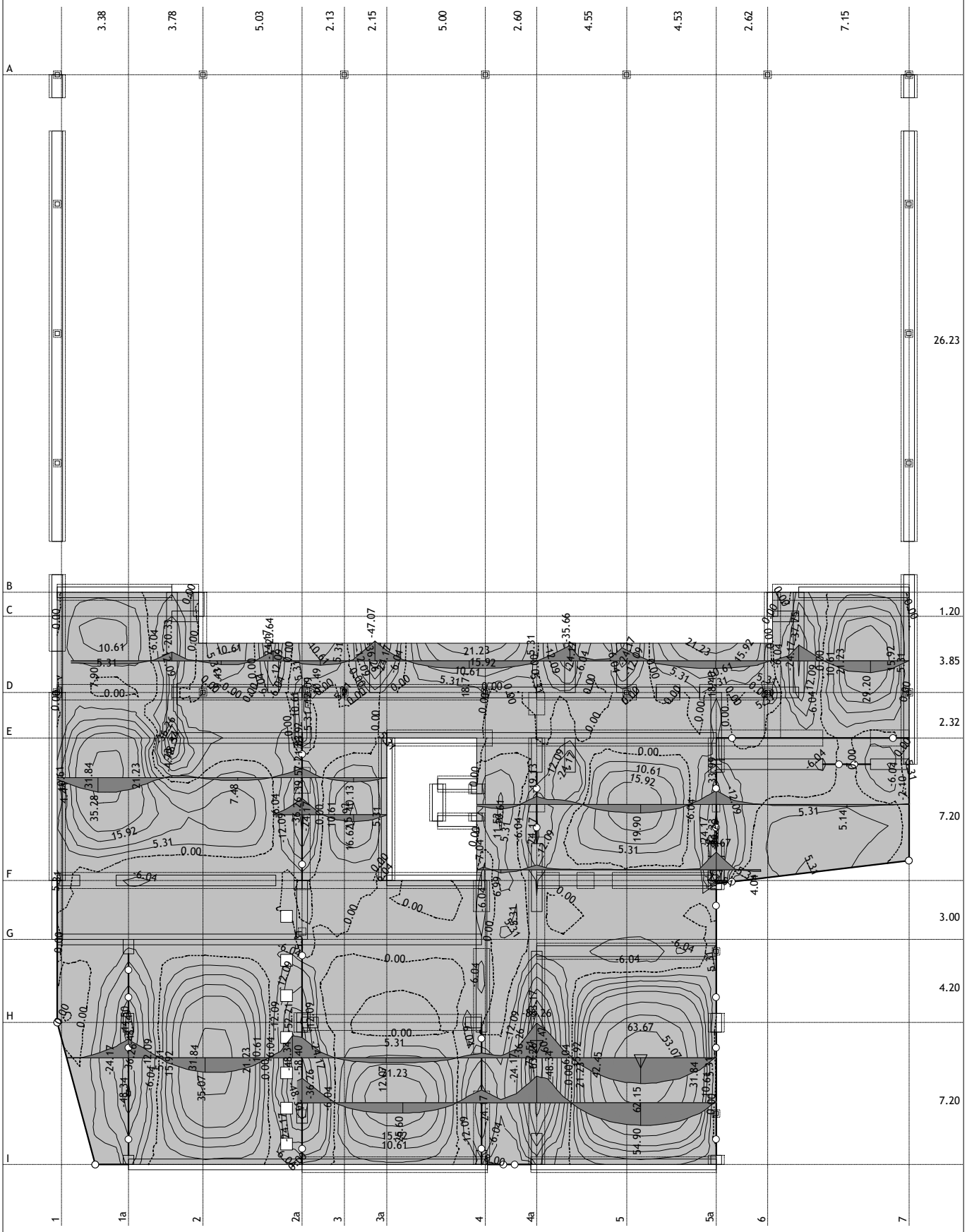
N1u =	-63.73 kN
T2u =	29.60 kN
T3u =	0.12 kN
M1u =	0.63 kNm
M2u =	-0.35 kNm
M3u =	170.36 kNm

εb/εa = -1.371/25.000 ‰

Aa1 =	1.82 cm2
Aa2 =	0.00 cm2
Aa3 =	0.00 cm2
Aa4 =	0.00 cm2
Aa,st =	0.00 cm2/m (m=2)

NAD PT

Obt. 4: 1.35xI+1.5xII

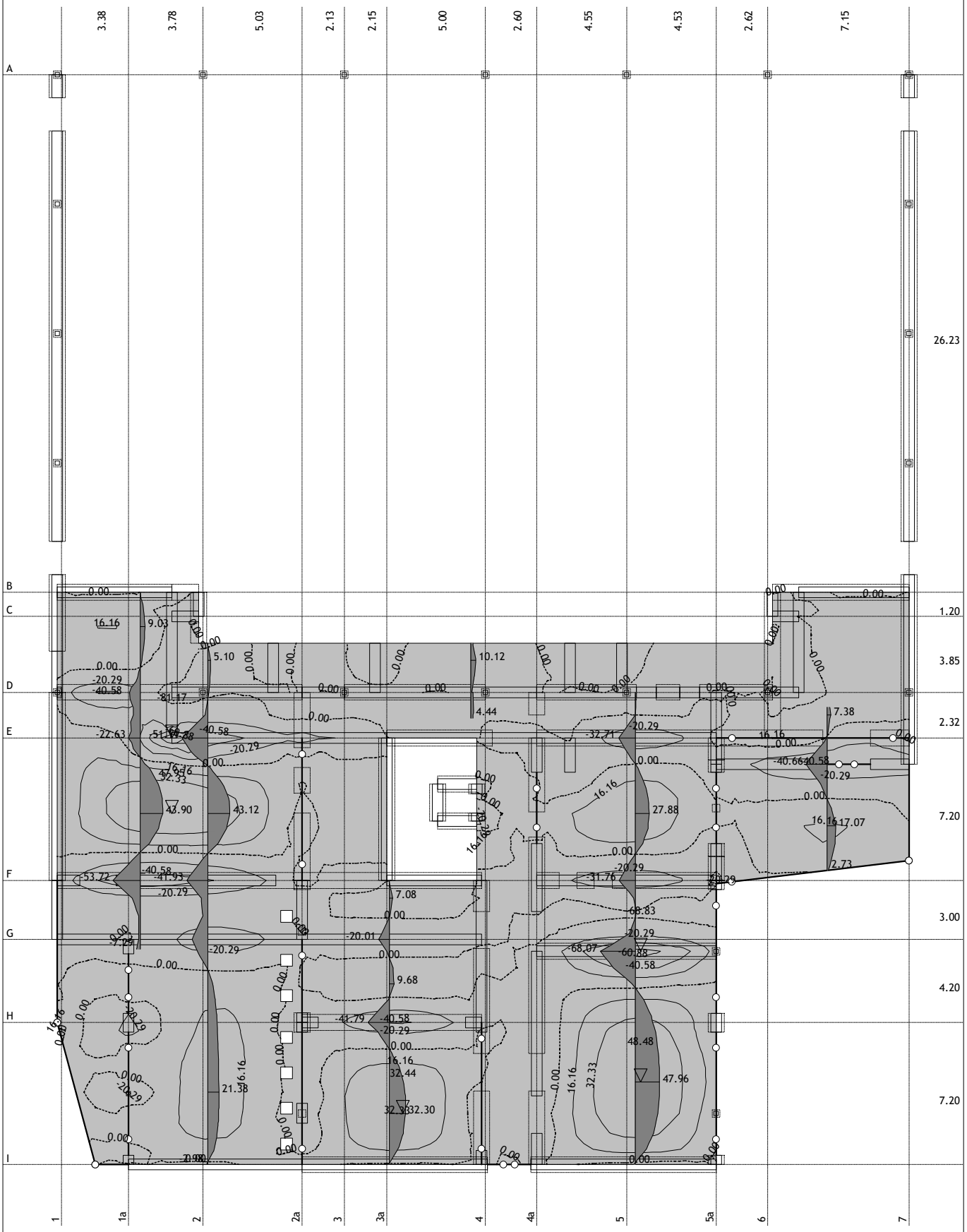


Nivo: nad PT [4.05 m]

Vplivi v plošči: max Mx= 63.67 / min Mx= -96.67 kNm/m

NAD PT

Obt. 4: 1.35xI+1.5xII

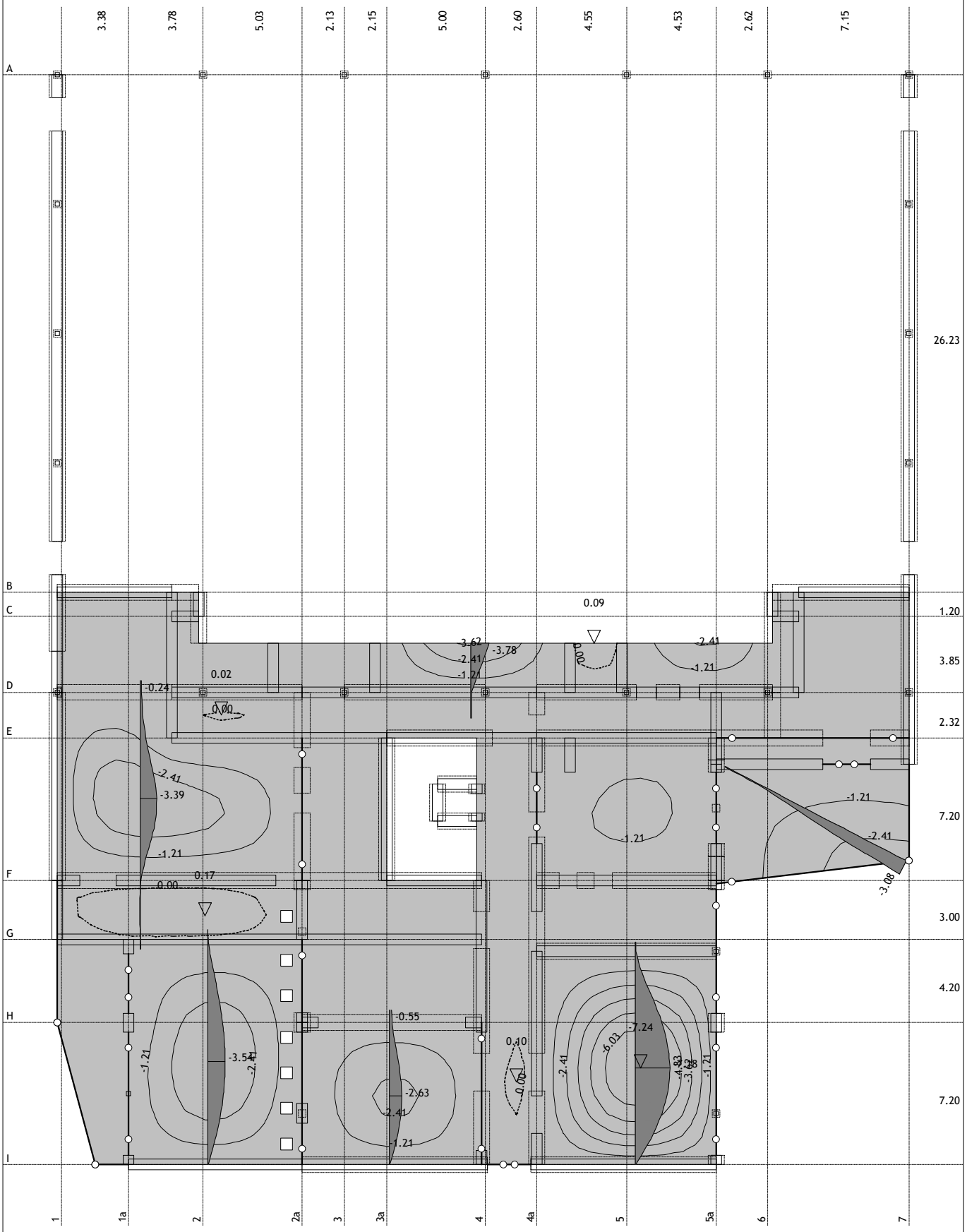


Nivo: nad PT [4.05 m]

Vplivi v plošči: max My= 48.48 / min My= -81.17 kNm/m

NAD PT

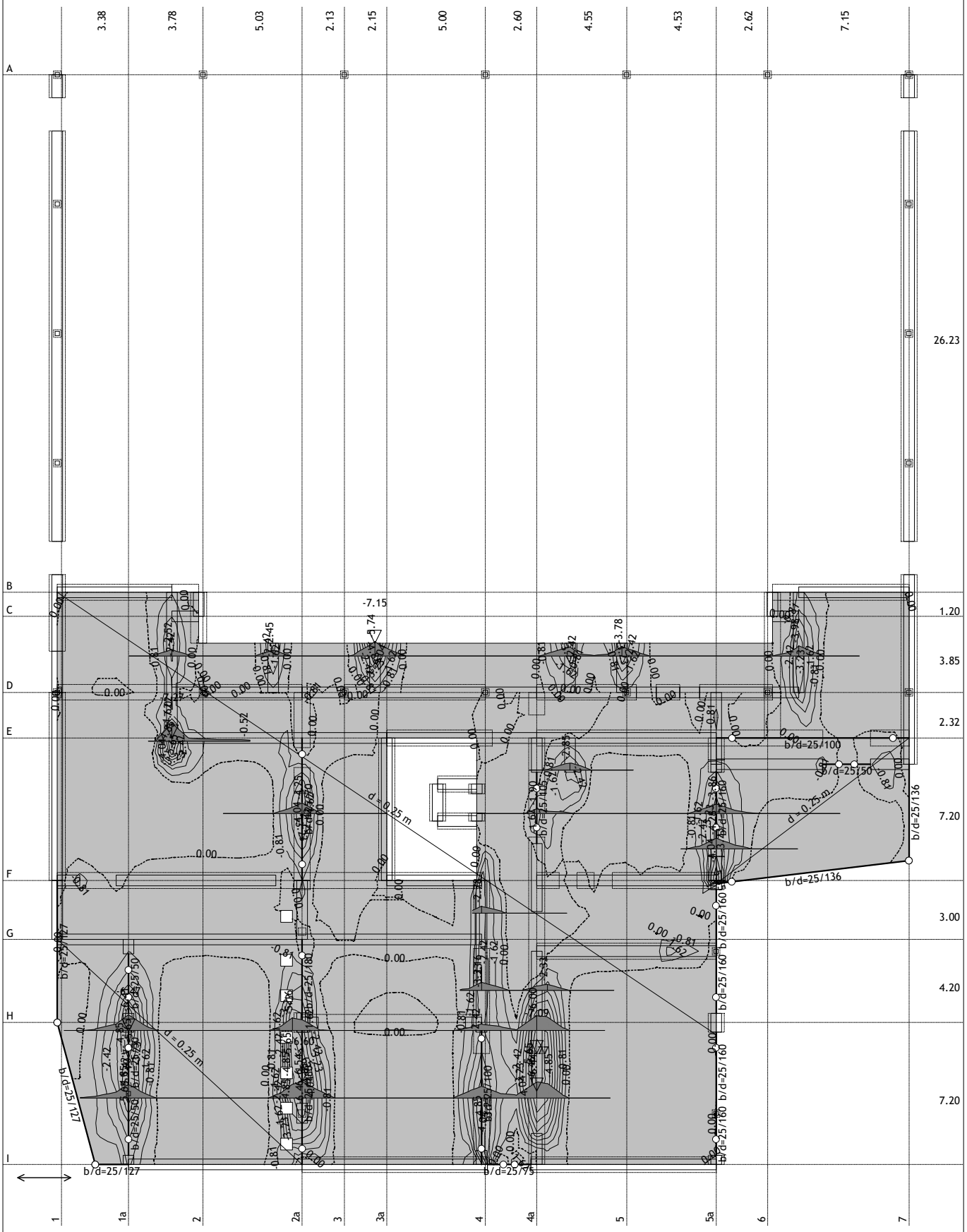
Obt. 3: I+II



Nivo: nad PT [4.05 m]
Vplivi v plošči: max Zp= 0.17 / min Zp= -7.24 m / 1000

NAD PT

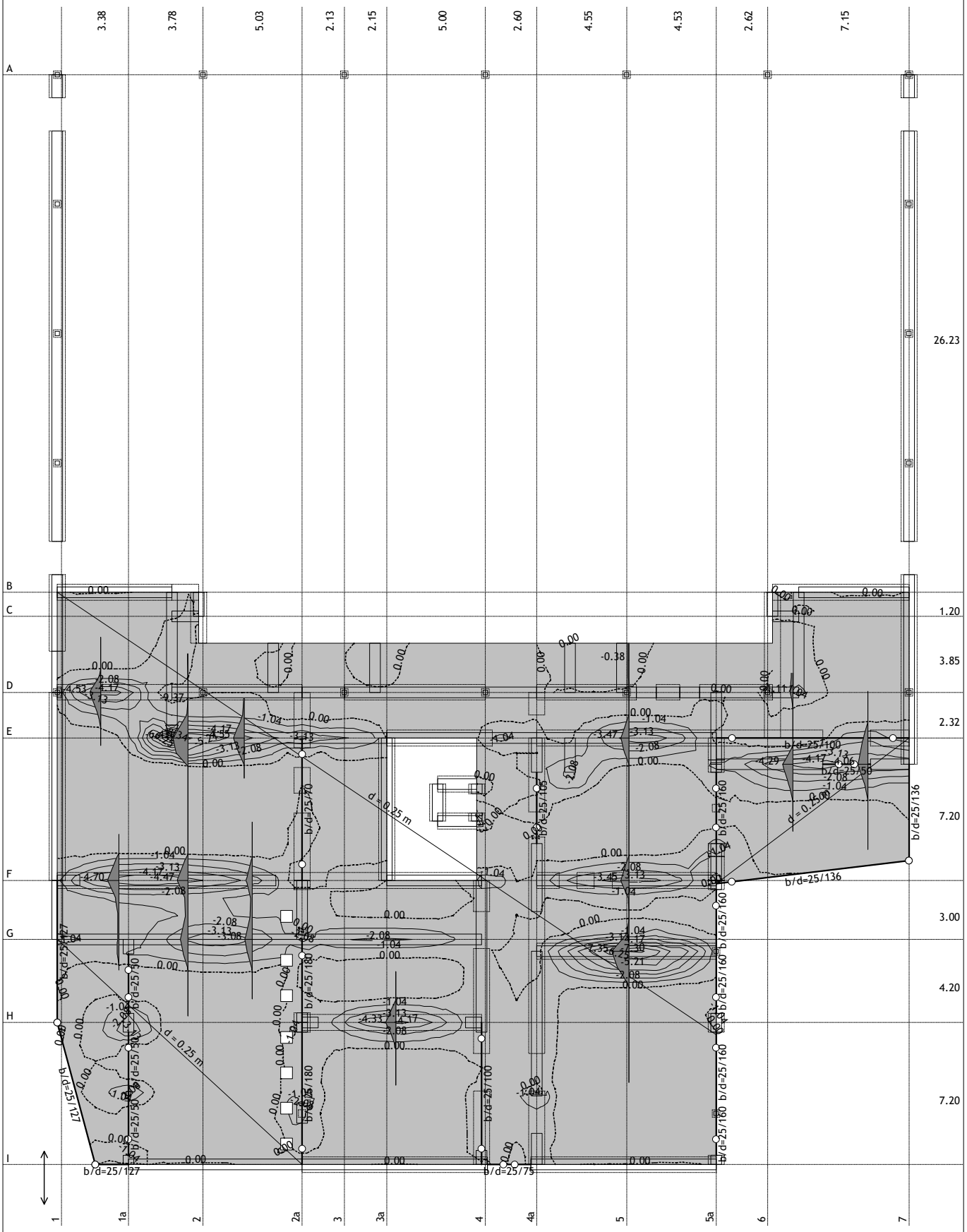
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: nad PT [4.05 m]
Aa - zg.cona - Smer 1 - max Aa1,z= -7.27 cm2/m

NAD PT

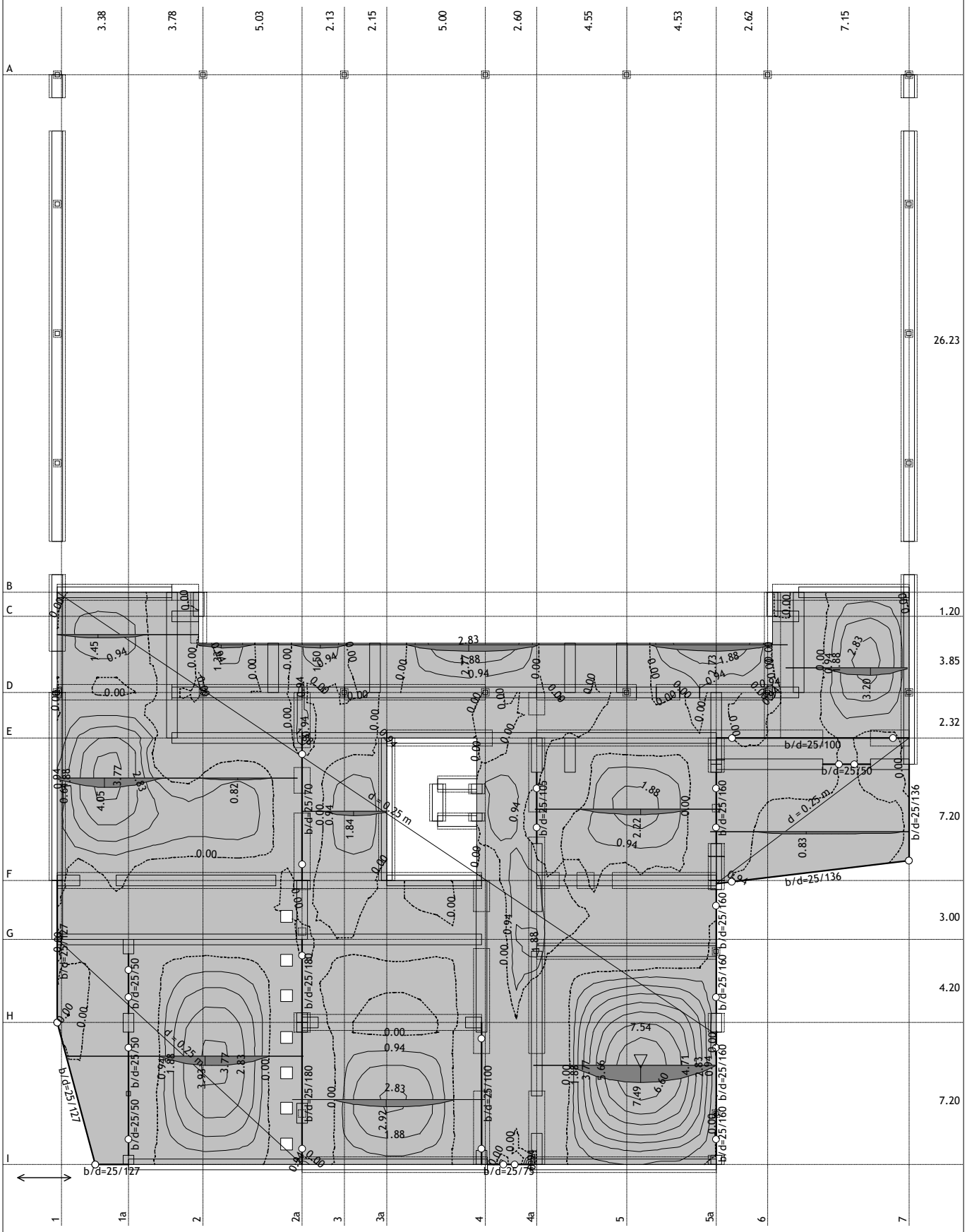
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: nad PT [4.05 m]
Aa - zg.cona - Smer 2 - max Aa2,z= -9.37 cm2/m

NAD PT

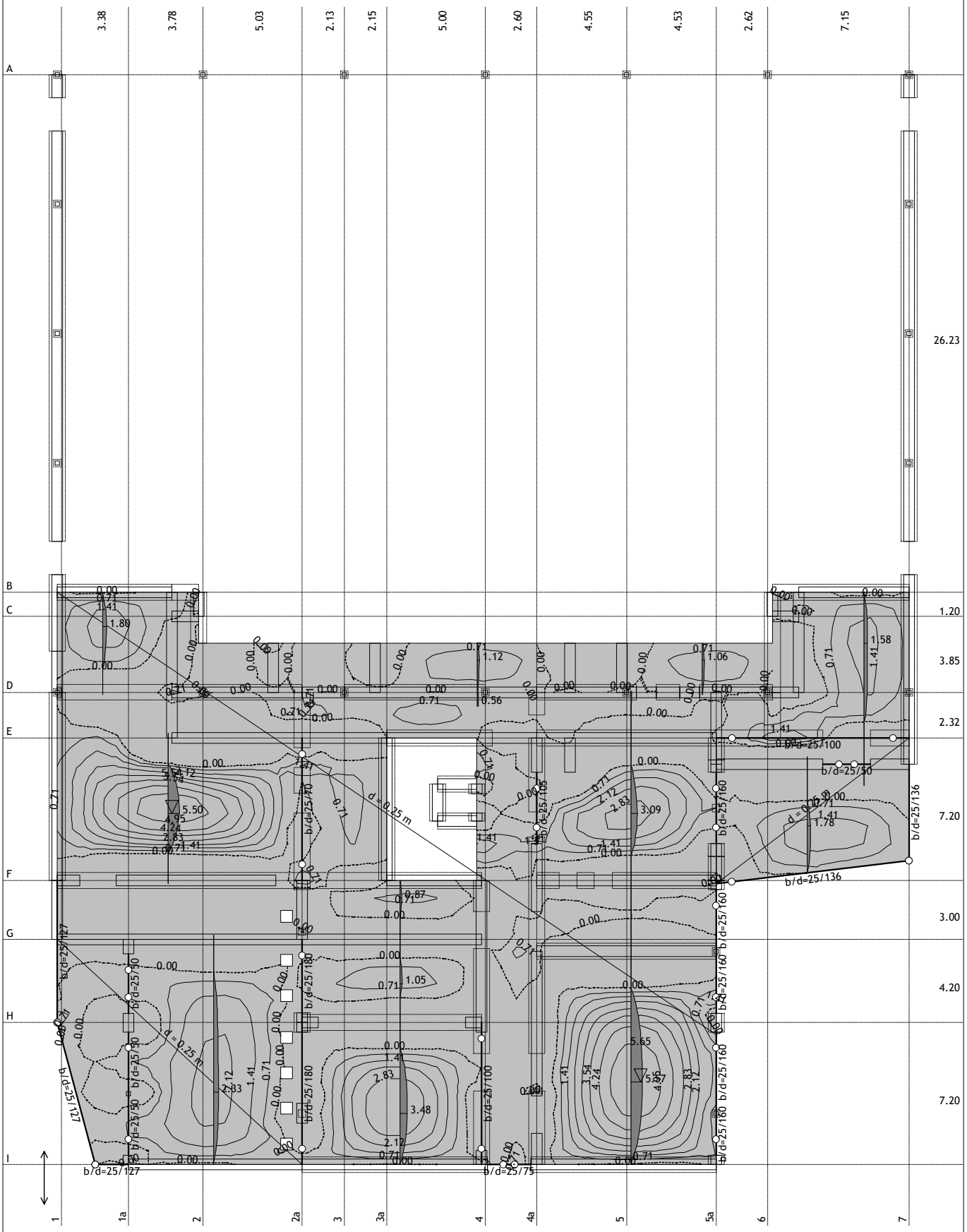
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: nad PT [4.05 m]
Aa - sp.cona - Smer 1 - max Aa1,s= 7.54 cm2/m

NAD PT

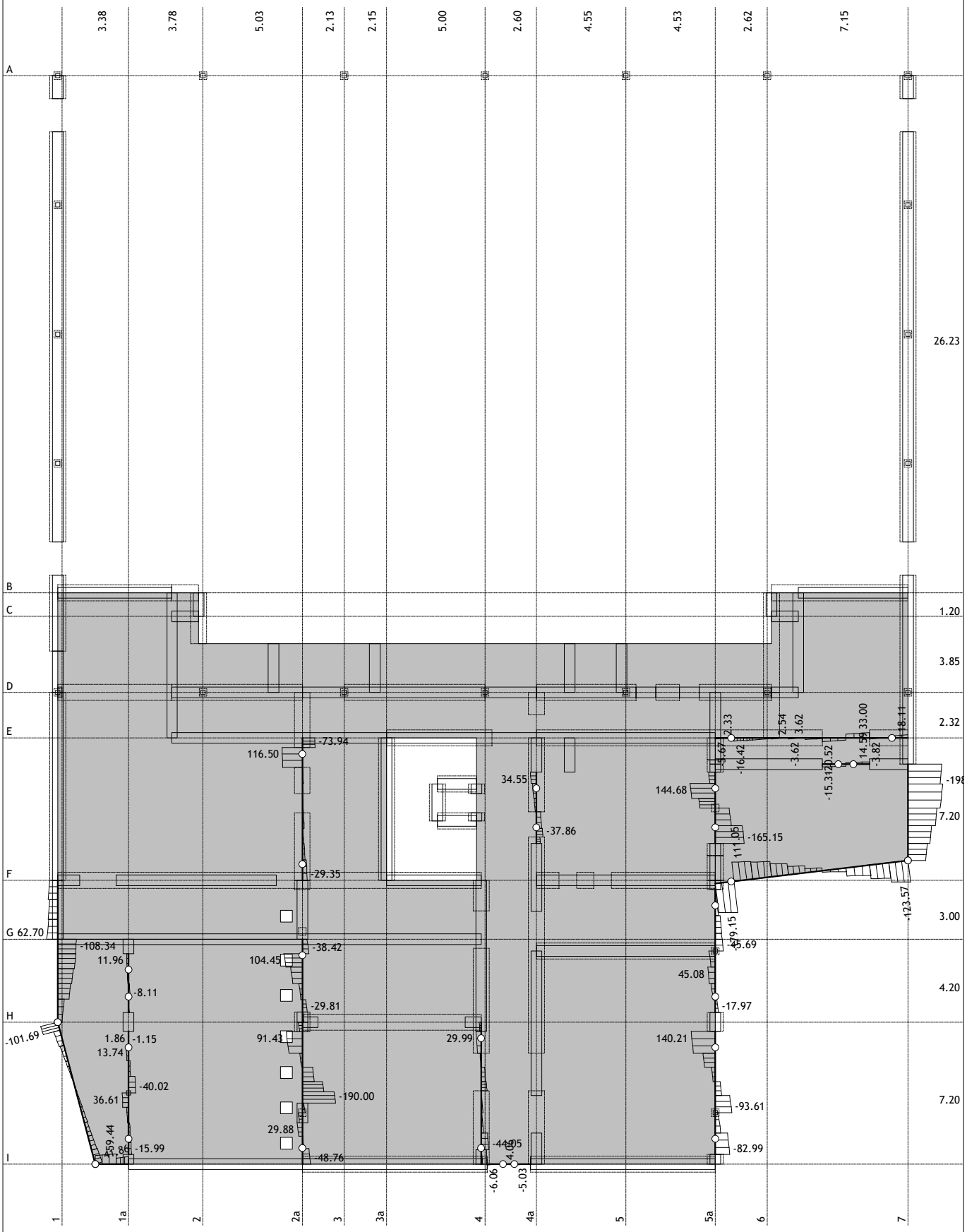
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: nad PT [4.05 m]
Aa - sp.cona - Smer 2 - max Aa2,s= 5.65 cm2/m

NAD PT

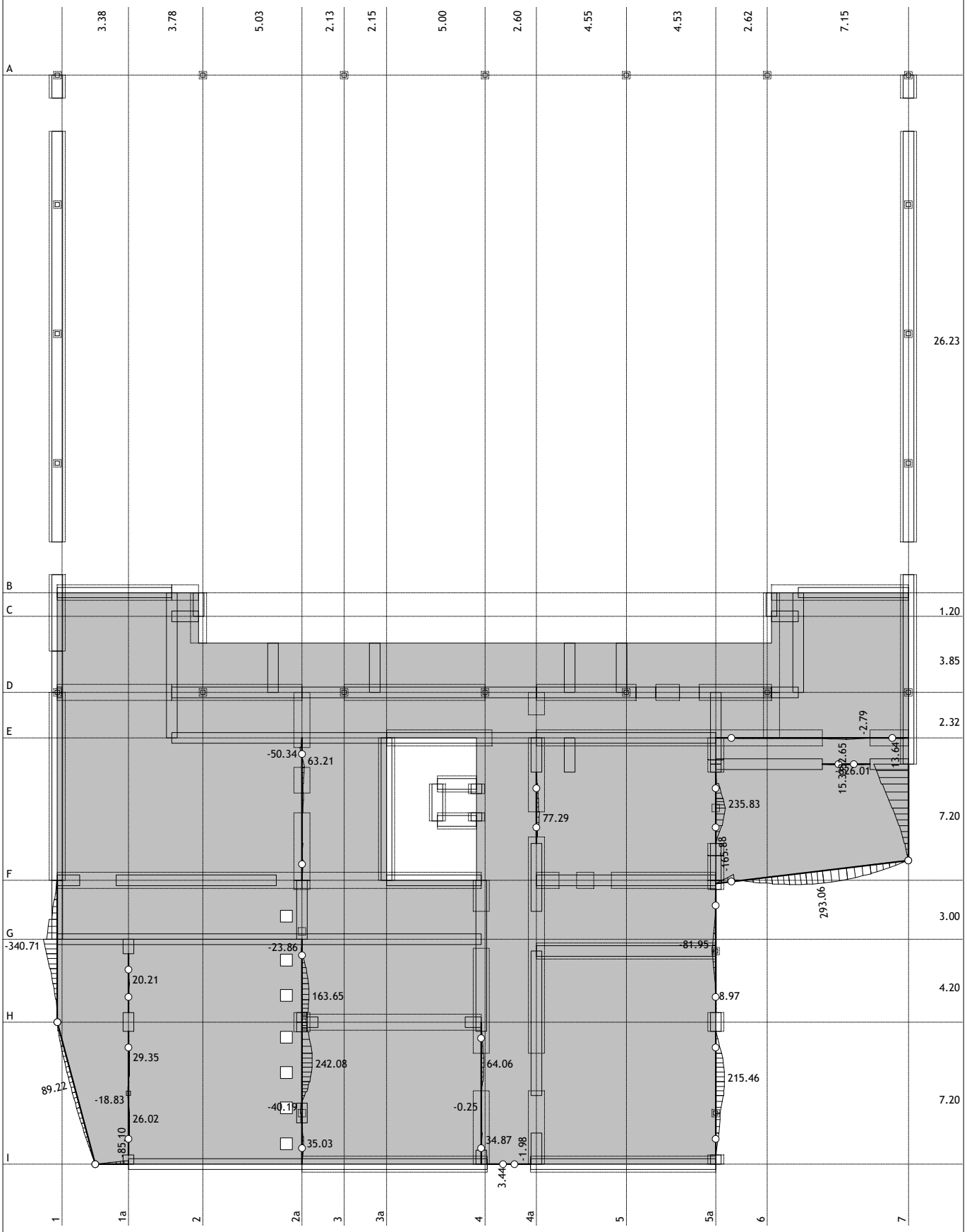
Obt. 4: 1.35xI+1.5xII



Nivo: nad PT [4.05 m]
Vplivi v gredi: max T2= 144.68 / min T2= -198.16 kN

NAD PT

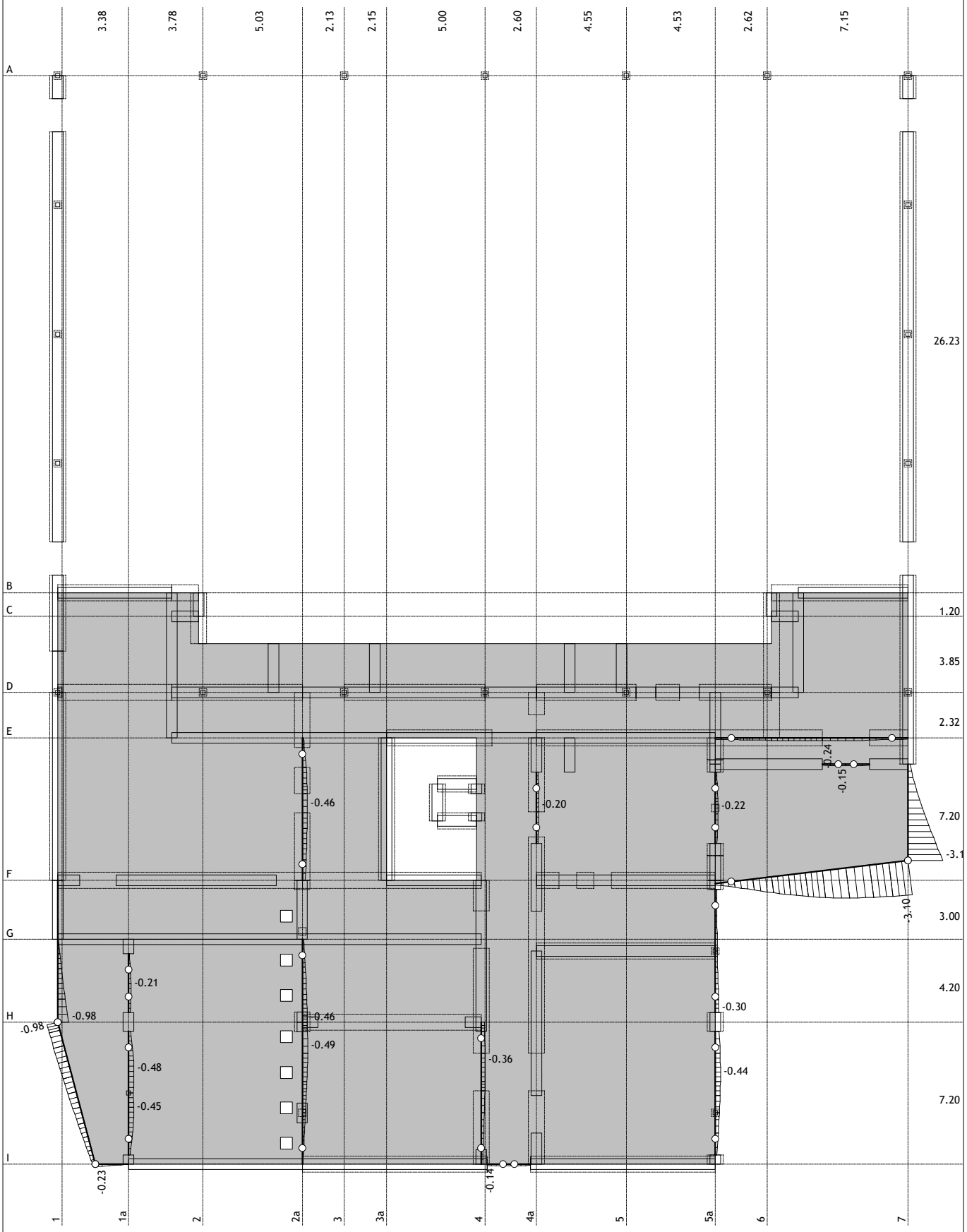
Obt. 4: 1.35xI+1.5xII



Nivo: nad PT [4.05 m]
Vplivi v gredi: max M3= 293.06 / min M3= -826.01 kNm

NAD PT

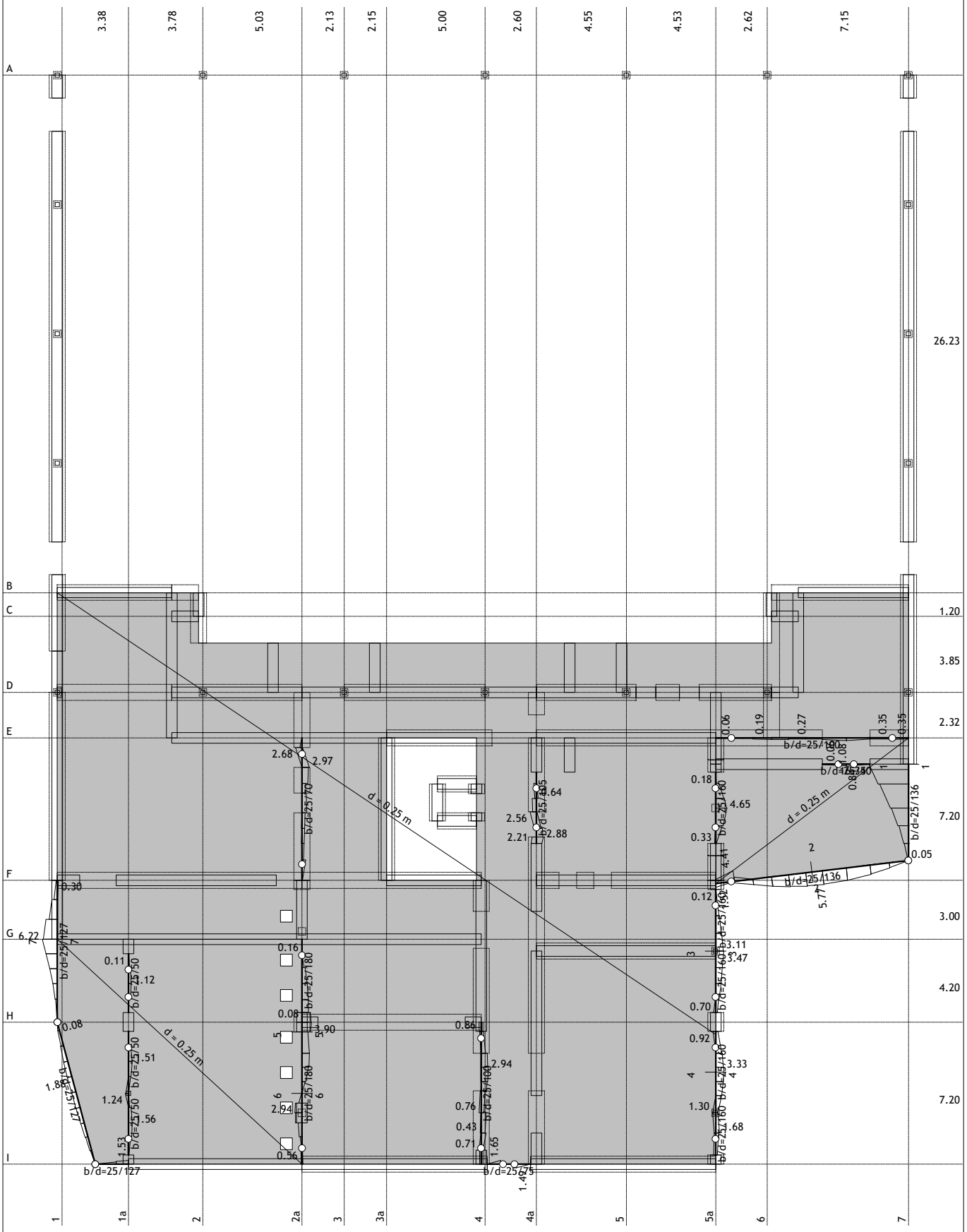
Obt. 3: I+II



Nivo: nad PT [4.05 m]
Vplivi v gredi: max Zp= -0.03 / min Zp= -3.10 m / 1000

NAD PT

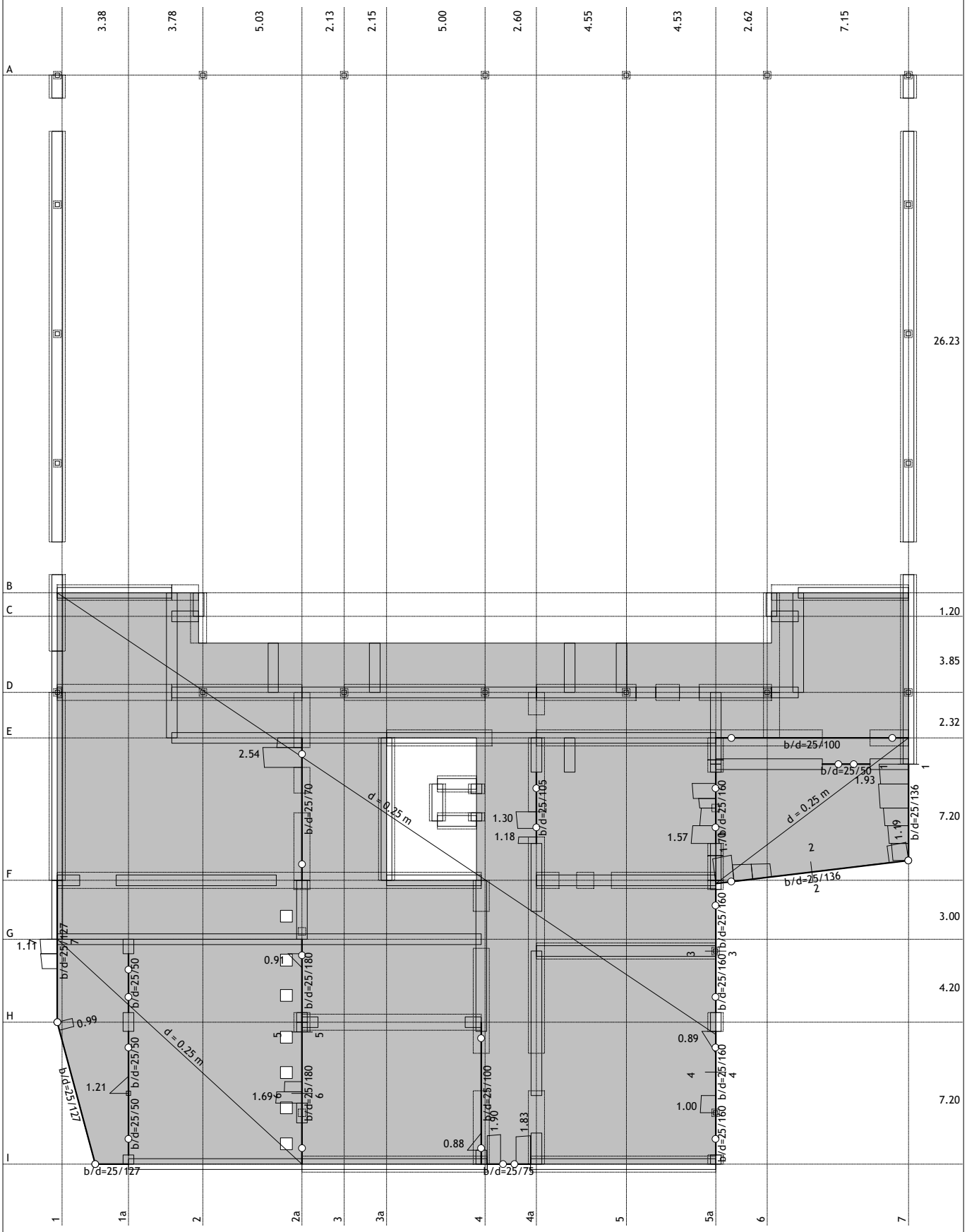
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H



Nivo: nad PT [4.05 m]
Armatura v gredah: max Aa2/Aa1= 16.34 cm2

NAD PT

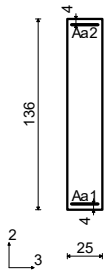
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H



Nivo: nad PT [4.05 m]
Armatura v gredah: max Aa,st= 2.54 cm2

NAD PT

Greda 9438-8848
EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII



[cm]

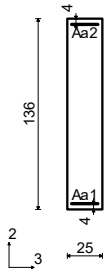
Prerez 1-1 x = 0.00m
N1u = 75.73 kN
T2u = -194.35 kN
T3u = 5.62 kN
M1u = 2.08 kNm
M2u = -4.43 kNm
M3u = -826.67 kNm

εb/εa = -3.500/15.547 ‰

Aa1 =	0.00	+	0.00`	=	0.00 cm2
Aa2 =	16.32	+	0.00`	=	16.32 cm2
Aa3 =	0.00	+	0.12`	=	0.12 cm2
Aa4 =	0.00	+	0.12`	=	0.12 cm2

Aa,st = 1.89 cm2/m (m=2)
`) - dodatna vzdolžna armatura za prevzem torzije.

Greda 8848-7024
EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII

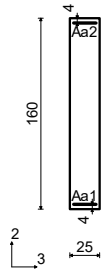


[cm]

Prerez 2-2 x = 5.25m
N1u = 50.19 kN
T2u = 24.32 kN
M1u = 0.25 kNm
M2u = 0.02 kNm
M3u = 273.43 kNm

εb/εa = -1.734/25.000 ‰
Aa1 = 5.47 cm2
Aa2 = 0.00 cm2
Aa3 = 0.00 cm2
Aa4 = 0.00 cm2
Aa,st = 0.00 cm2/m (m=2)

Greda 6253-6953
EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII



[cm]

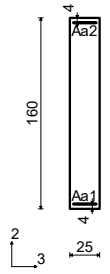
Prerez 3-3 x = 0.00m
N1u = 39.57 kN
T2u = 34.74 kN
T3u = -3.96 kN
M1u = 3.18 kNm
M2u = 2.45 kNm
M3u = 175.67 kNm

εb/εa = -1.389/25.000 ‰

Aa1 =	3.09	+	0.02`	=	3.11 cm2
Aa2 =	0.00	+	0.02`	=	0.02 cm2
Aa3 =	0.00	+	0.18`	=	0.18 cm2
Aa4 =	0.00	+	0.18`	=	0.18 cm2

Aa,st = 0.00 cm2/m (m=2)
`) - dodatna vzdolžna armatura za prevzem torzije.

Greda 4189-5255
EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII

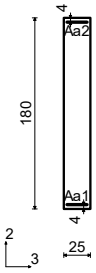


[cm]

Prerez 4-4 x = 2.31m
N1u = 98.12 kN
T2u = -4.12 kN
T3u = 0.04 kN
M1u = 0.43 kNm
M2u = 0.25 kNm
M3u = 146.57 kNm

εb/εa = -0.753/25.000 ‰
Aa1 = 3.33 cm2
Aa2 = 0.00 cm2
Aa3 = 0.00 cm2
Aa4 = 0.00 cm2
Aa,st = 0.00 cm2/m (m=2)

Greda 396-938
EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII



[cm]

Prerez 6-6 x = 3.67m
N1u = -21.51 kN
T2u = -221.26 kN
T3u = -2.06 kN
M1u = -8.01 kNm
M2u = -0.44 kNm
M3u = -1.98 kNm

Aa1 =	0.00	+	0.05`	=	0.05 cm2
Aa2 =	0.00	+	0.05`	=	0.05 cm2
Aa3 =	0.00	+	0.46`	=	0.46 cm2
Aa4 =	0.00	+	0.46`	=	0.46 cm2

Aa,st = 1.63 cm2/m (m=2)
`) - dodatna vzdolžna armatura za prevzem torzije.

Prerez 5-5 x = 6.70m
N1u = 108.12 kN
T2u = 0.48 kN
T3u = -17.87 kN
M1u = 17.77 kNm
M2u = 1.84 kNm
M3u = 157.65 kNm

εb/εa = -0.920/25.000 ‰

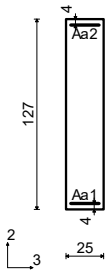
Aa1 =	3.34	+	0.12`	=	3.46 cm2
Aa2 =	0.00	+	0.12`	=	0.12 cm2
Aa3 =	0.00	+	1.02`	=	1.02 cm2
Aa4 =	0.00	+	1.02`	=	1.02 cm2

Aa,st = 0.00 cm2/m (m=2)

NAD PT

Greda 503-147

EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII



[cm]

Prerez 7-7 x = 3.00m

N1u =	84.38 kN
T2u =	58.88 kN
T3u =	0.57 kN
M1u =	3.21 kNm
M2u =	0.52 kNm
M3u =	-254.55 kNm

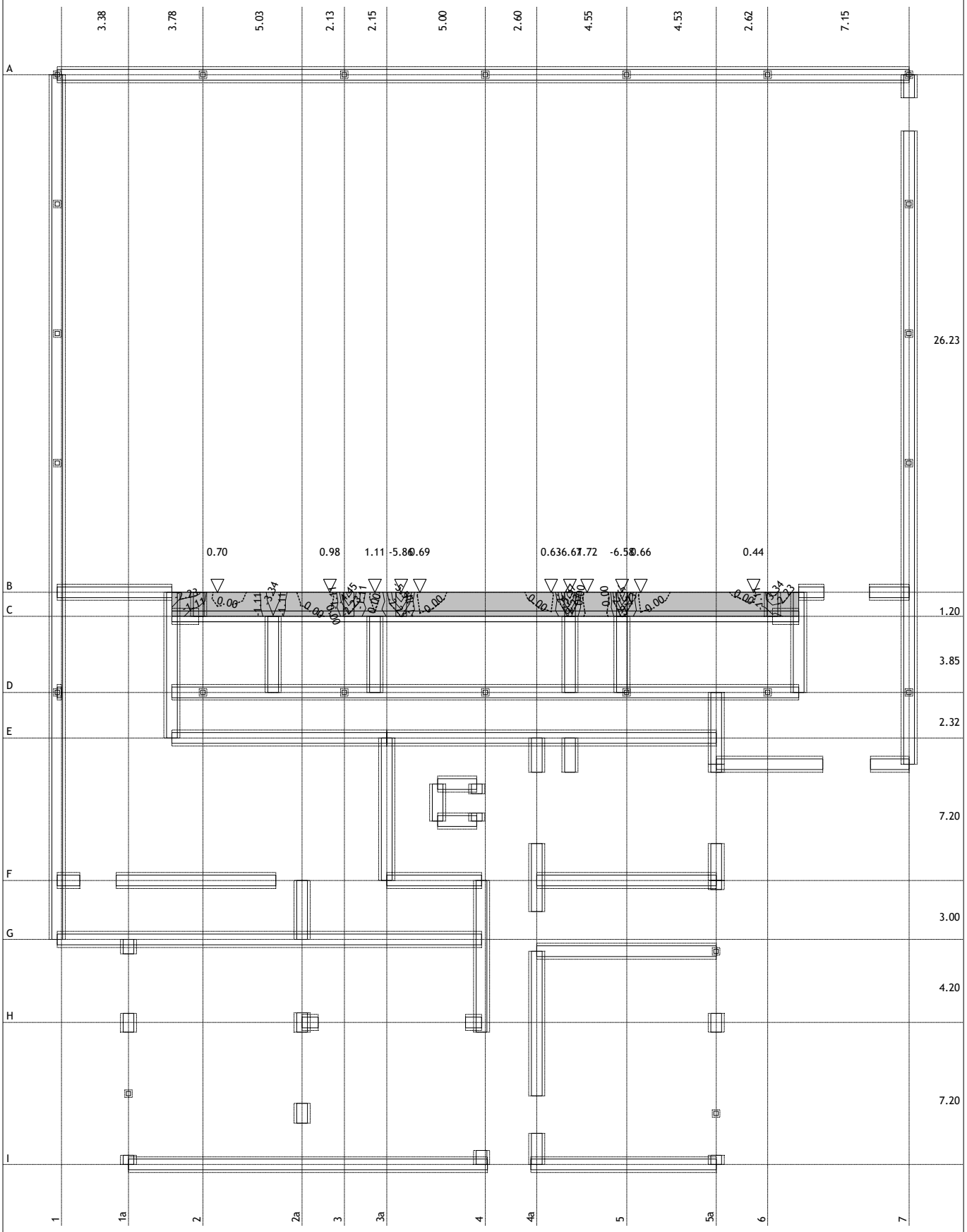
εb/εa = -1.772/25.000 ‰

Aa1 =	0.00	+	0.03`	=	0.03 cm2	
Aa2 =	5.85	+	0.03`	=	5.89 cm2	
Aa3 =	0.00	+	0.18`	=	0.18 cm2	
Aa4 =	0.00	+	0.18`	=	0.18 cm2	
Aa,st =			0.00 cm2/m			(m=2)

`) - dodatna vzdolžna armatura za prevzem torzije.

TRIBUNA

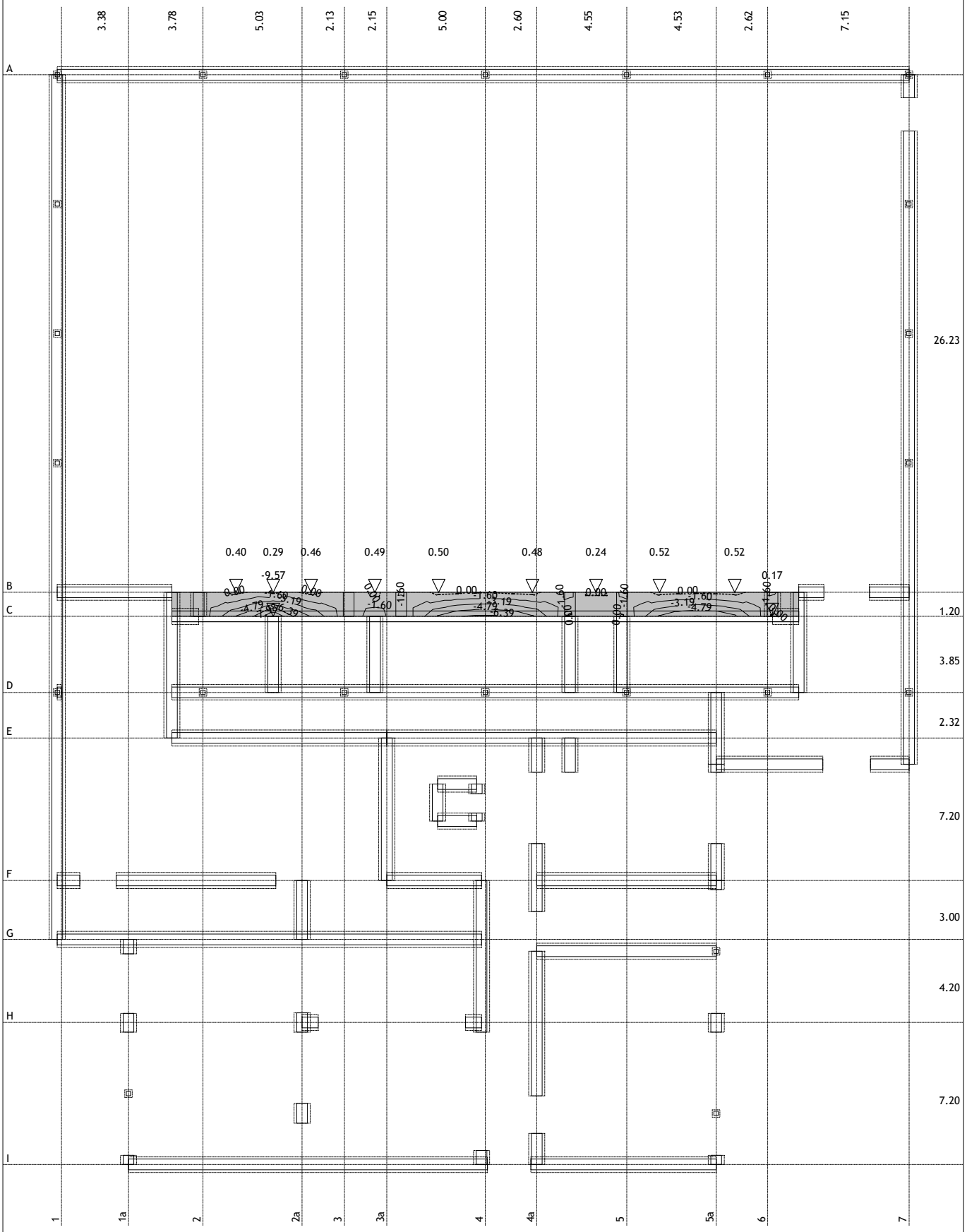
Obt. 6: 1.35xI+1.5xII



Nivo: tribune [3.20 m]
Vplivi v plošči: max Mx= 1.72 / min Mx= -6.67 kNm/m

TRIBUNA

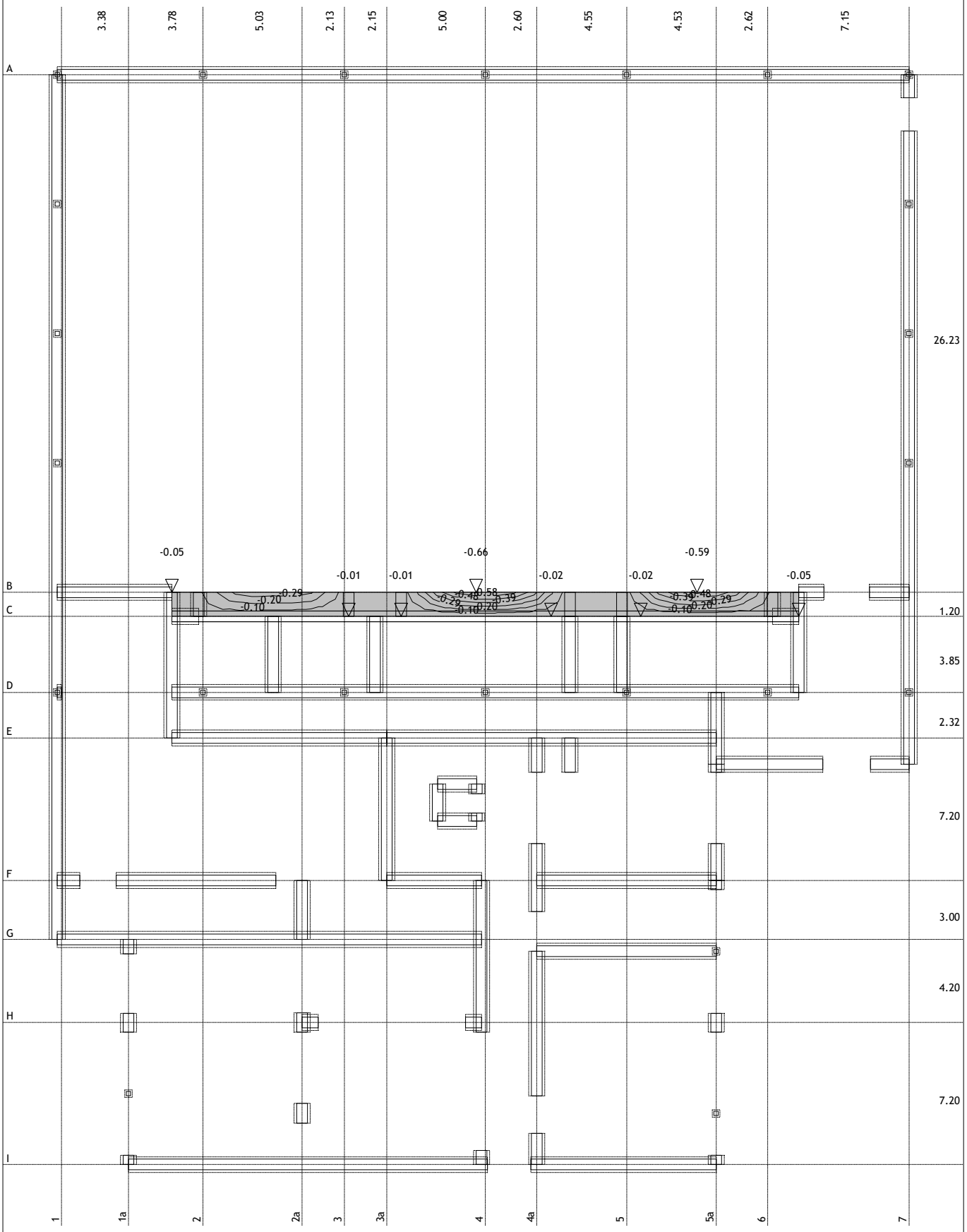
Obt. 6: 1.35xI+1.5xII



Nivo: tribune [3.20 m]
Vplivi v plošči: max My= 0.52 / min My= -9.57 kNm/m

TRIBUNA

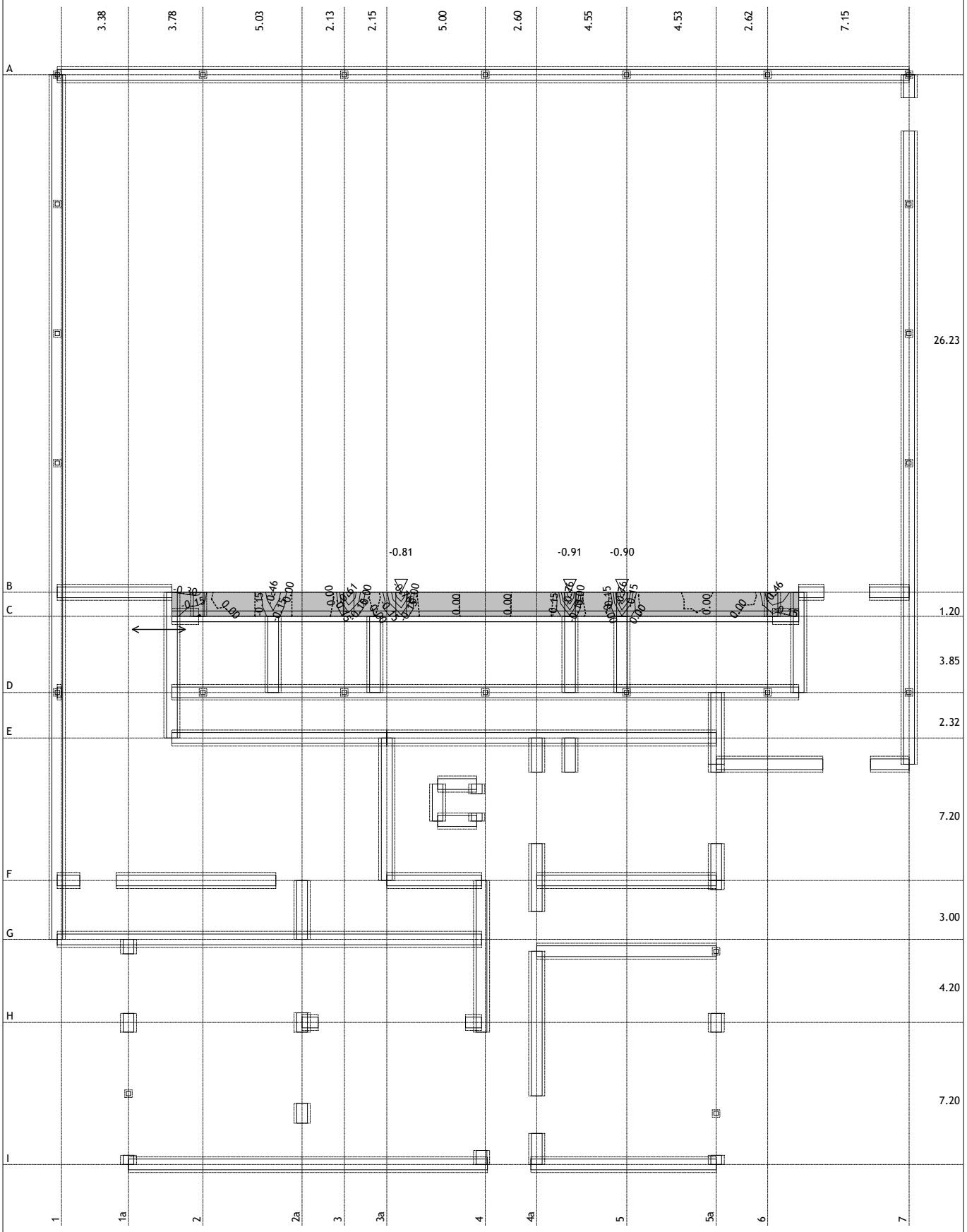
Obt. 5: I+II



Nivo: tribune [3.20 m]
Vplivi v plošči: max Zp= -0.01 / min Zp= -0.66 m / 1000

TRIBUNA

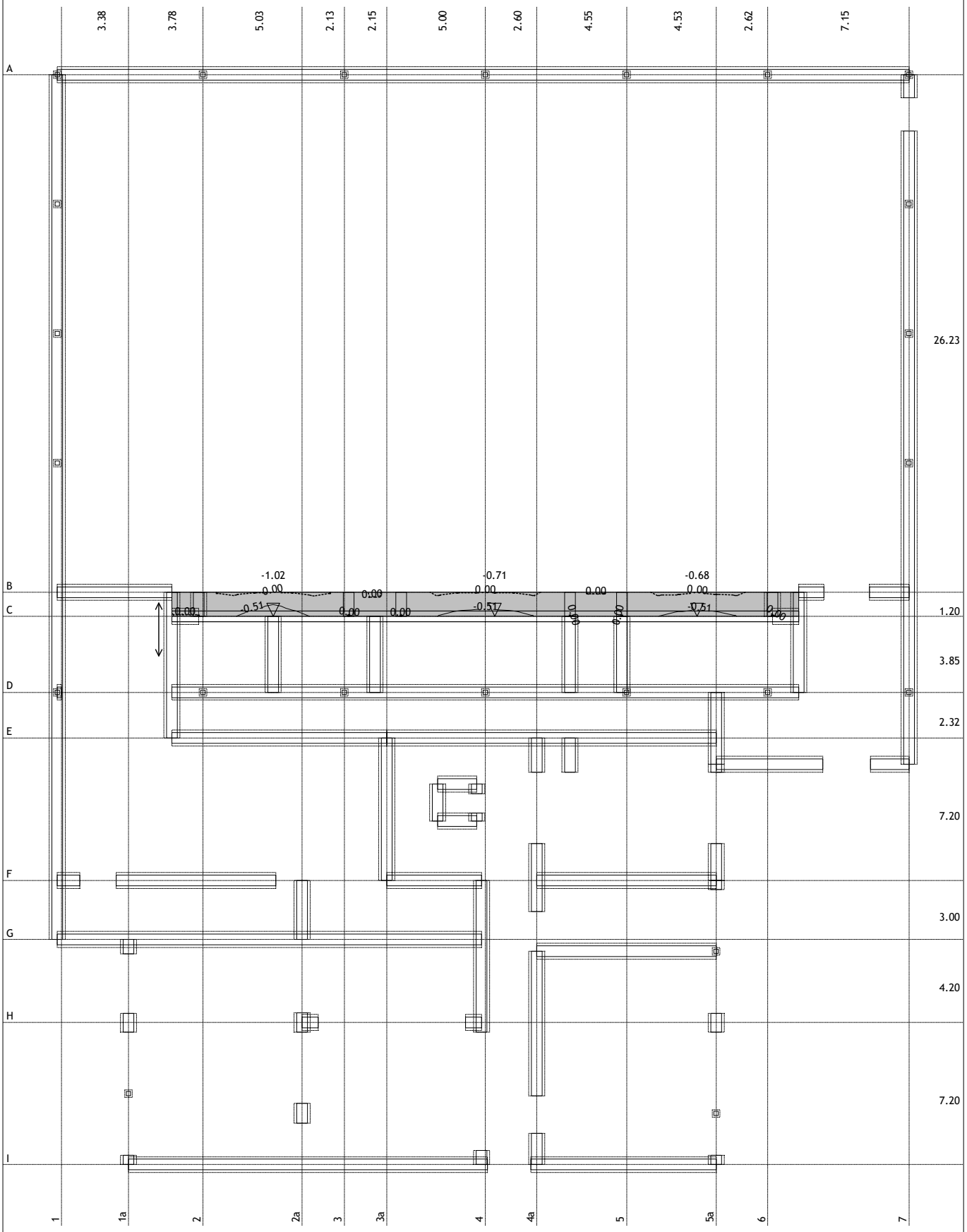
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: tribune [3.20 m]
Aa - zg.cona - Smer 1 - max Aa1,z= -0.91 cm2/m

TRIBUNA

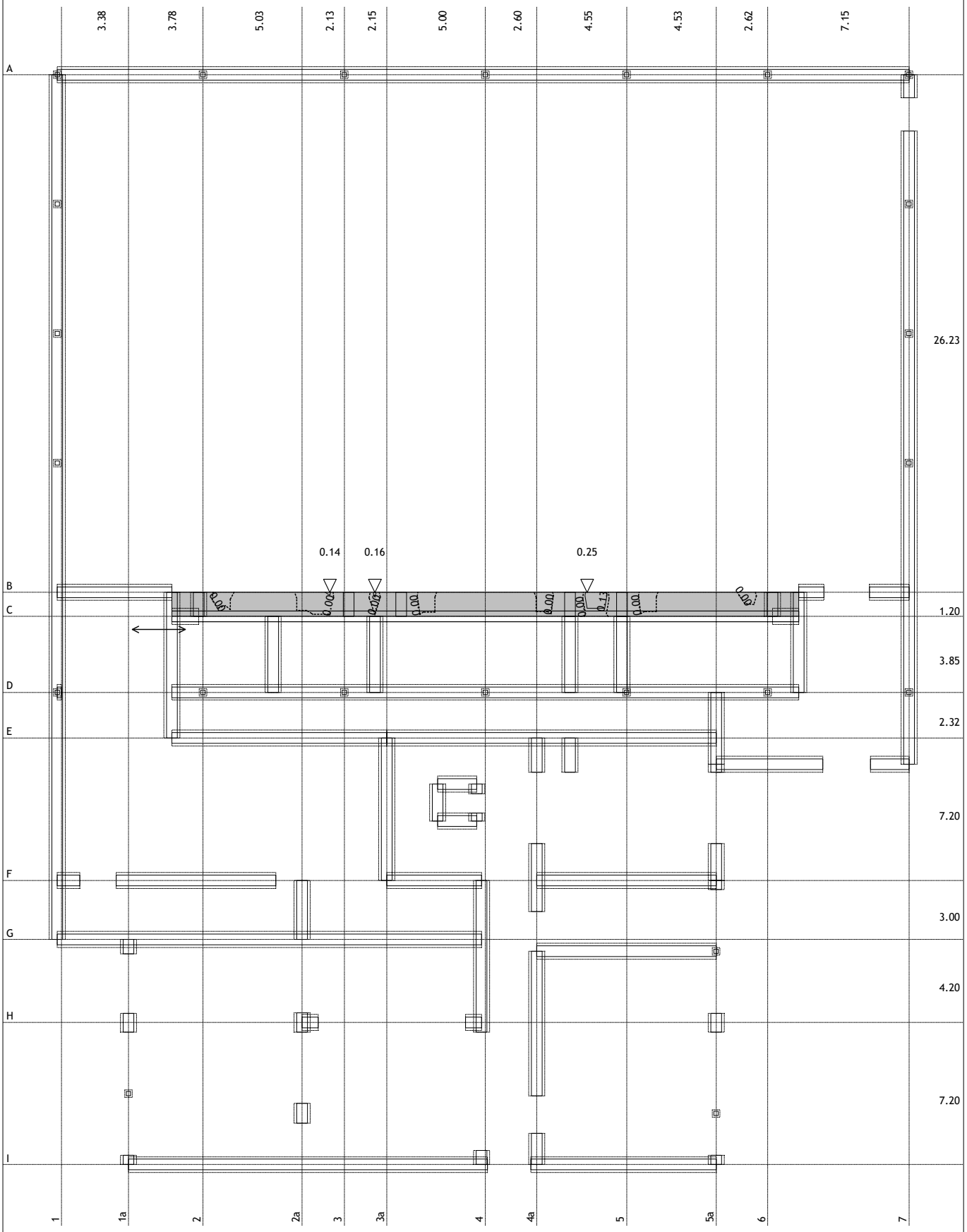
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: tribune [3.20 m]
Aa - zg.cona - Smer 2 - max Aa2,z= -1.02 cm2/m

TRIBUNA

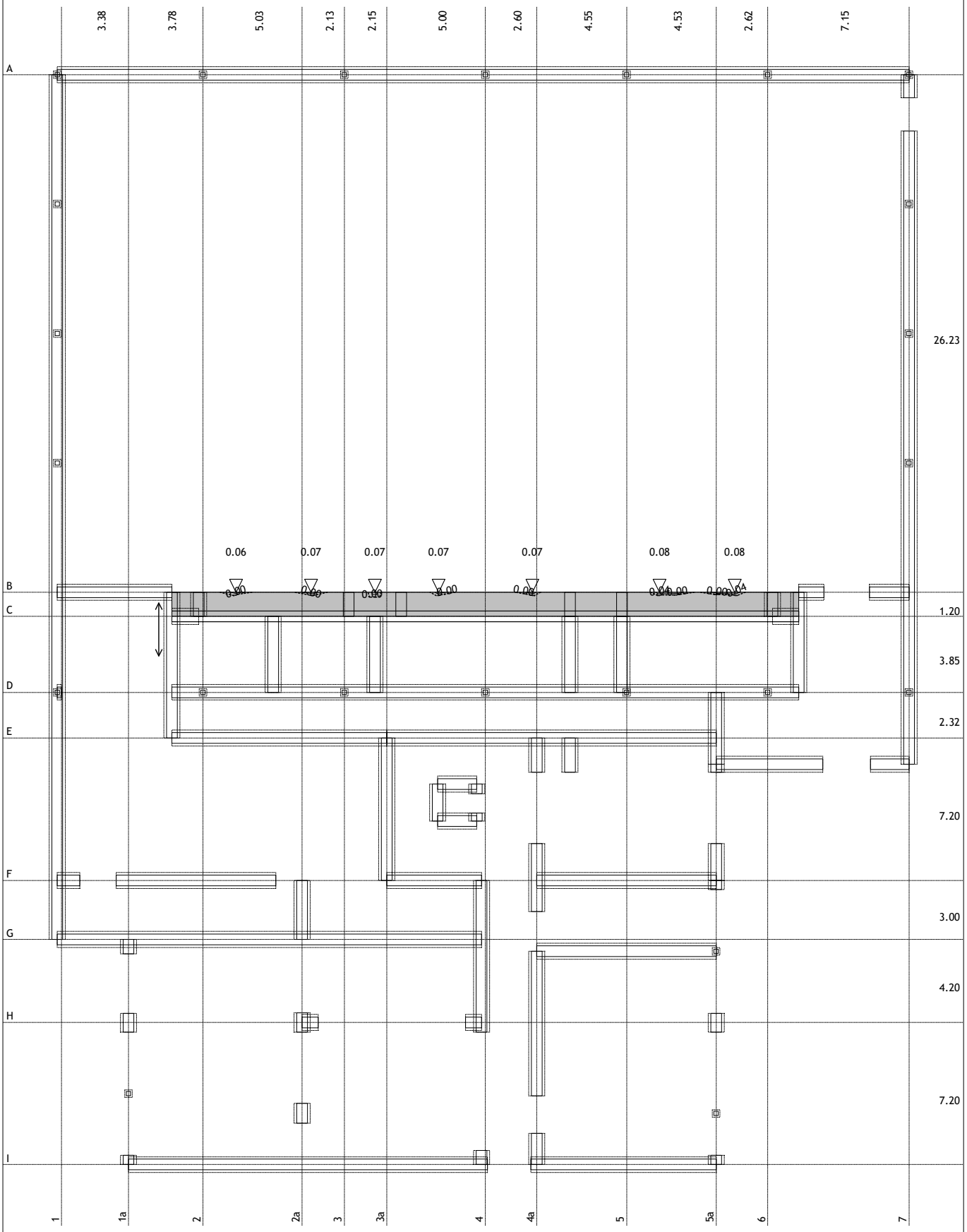
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: tribune [3.20 m]
Aa - sp.cona - Smer 1 - max Aa1,s= 0.25 cm2/m

TRIBUNA

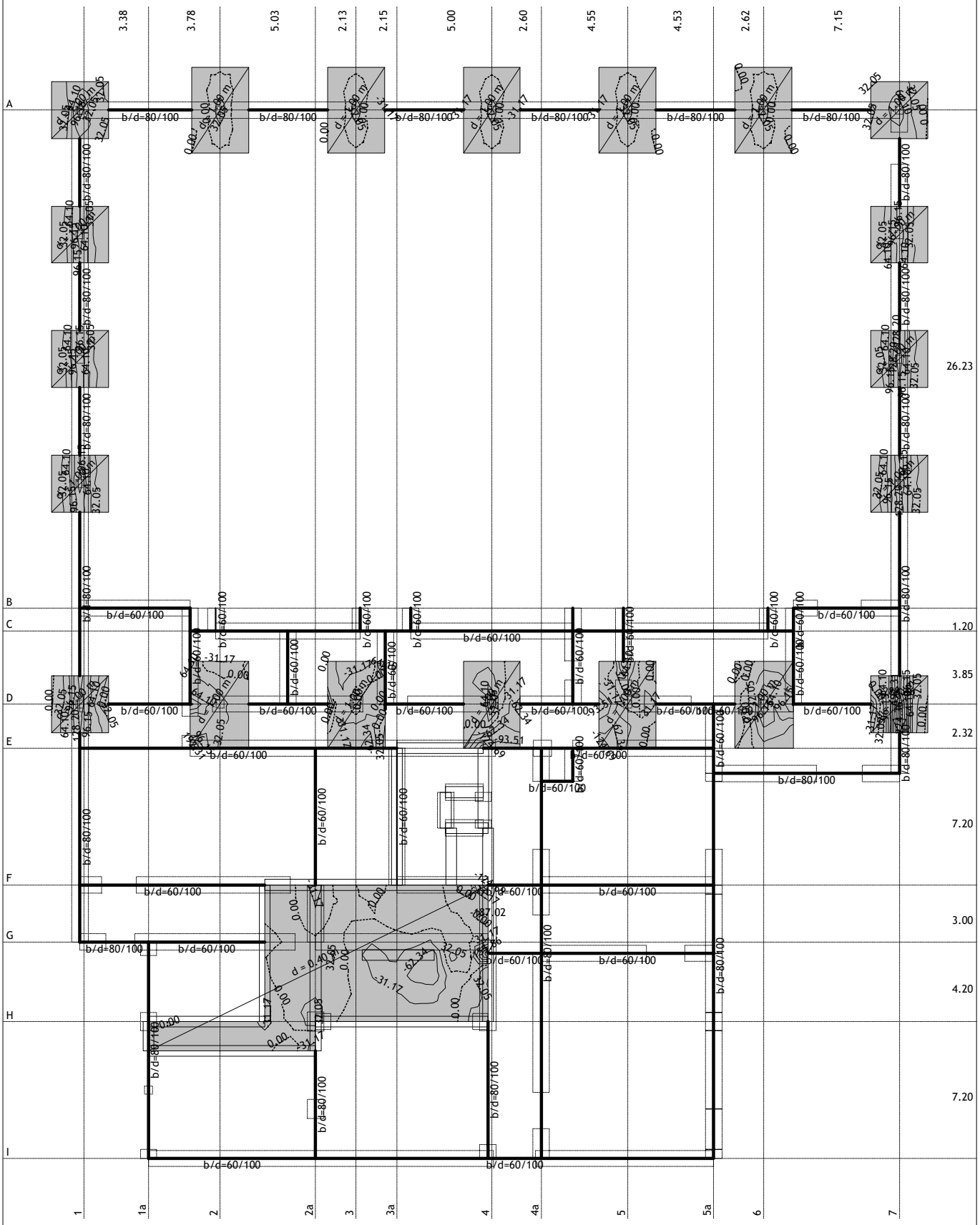
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: tribune [3.20 m]
Aa - sp.cona - Smer 2 - max Aa2,s= 0.08 cm2/m

TEMELJI

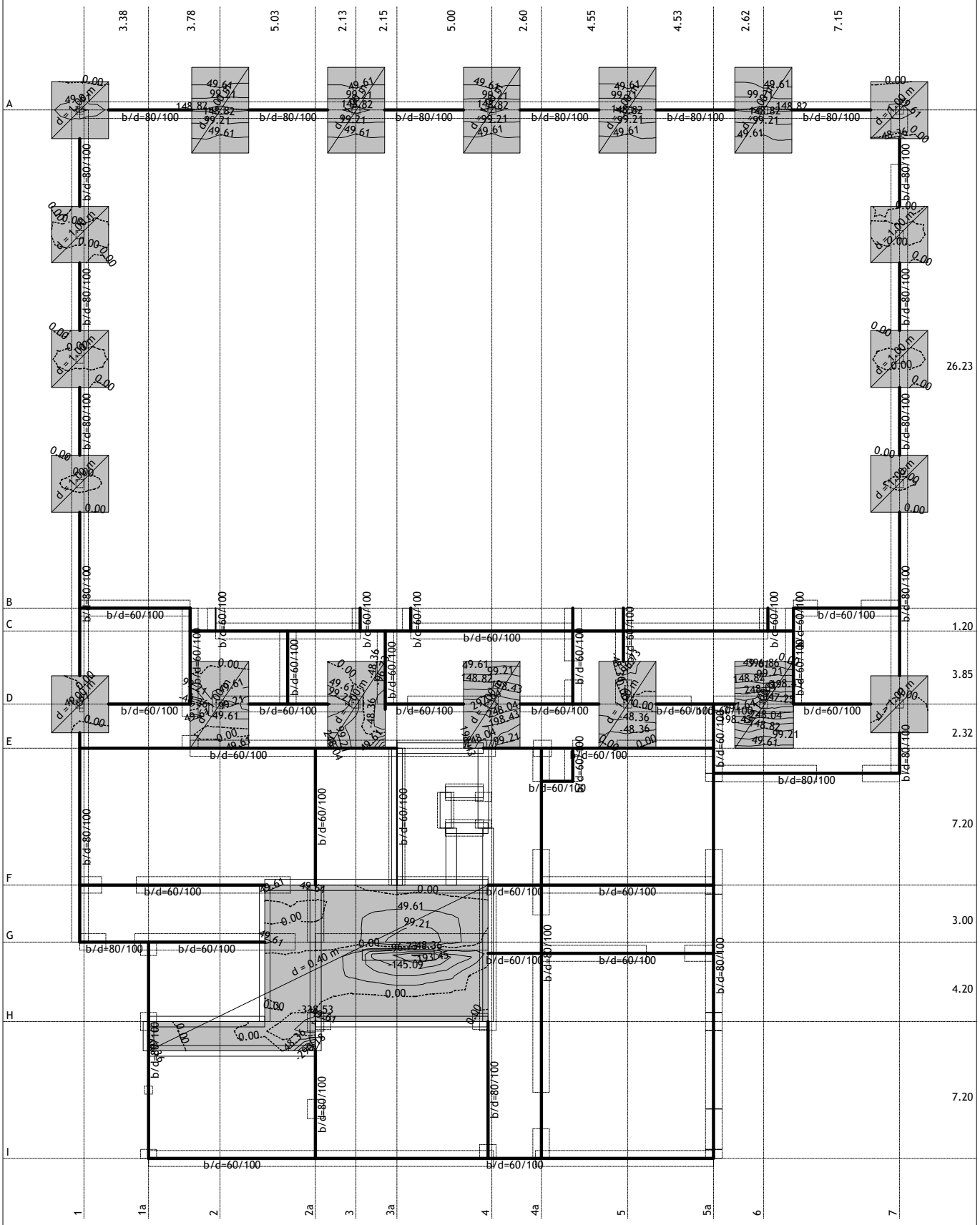
Obt. 4: 1.35xI+1.5xII



Nivo: temelji [-0.20 m]
Vplivi v plošči: max Mx= 288.46 / min Mx= -187.02 kNm/m

TEMELJI

Obt. 4: 1.35xI+1.5xII

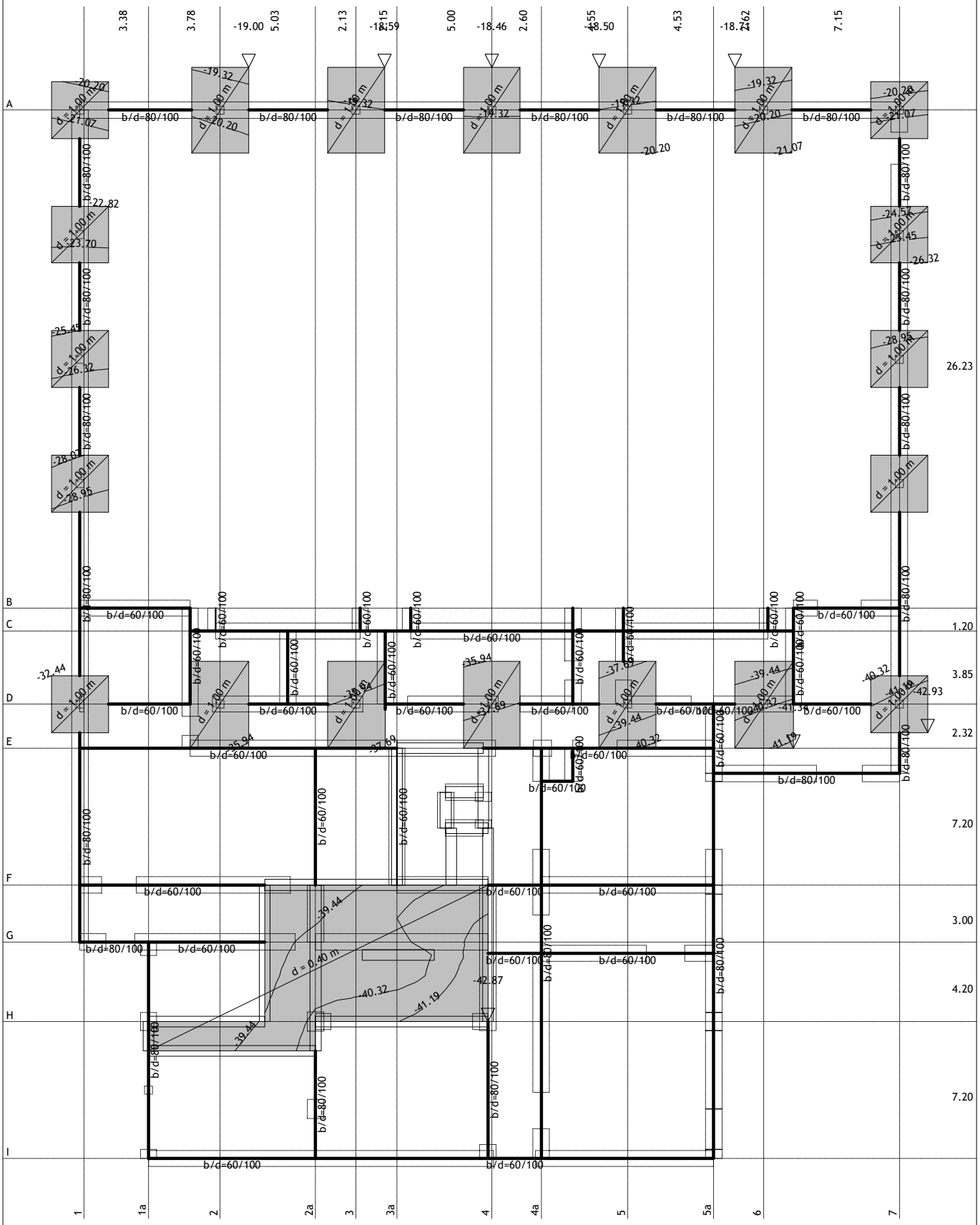


Nivo: temelji [-0.20 m]

Vplivi v plošči: max My= 396.86 / min My= -338.53 kNm/m

TEMELJI

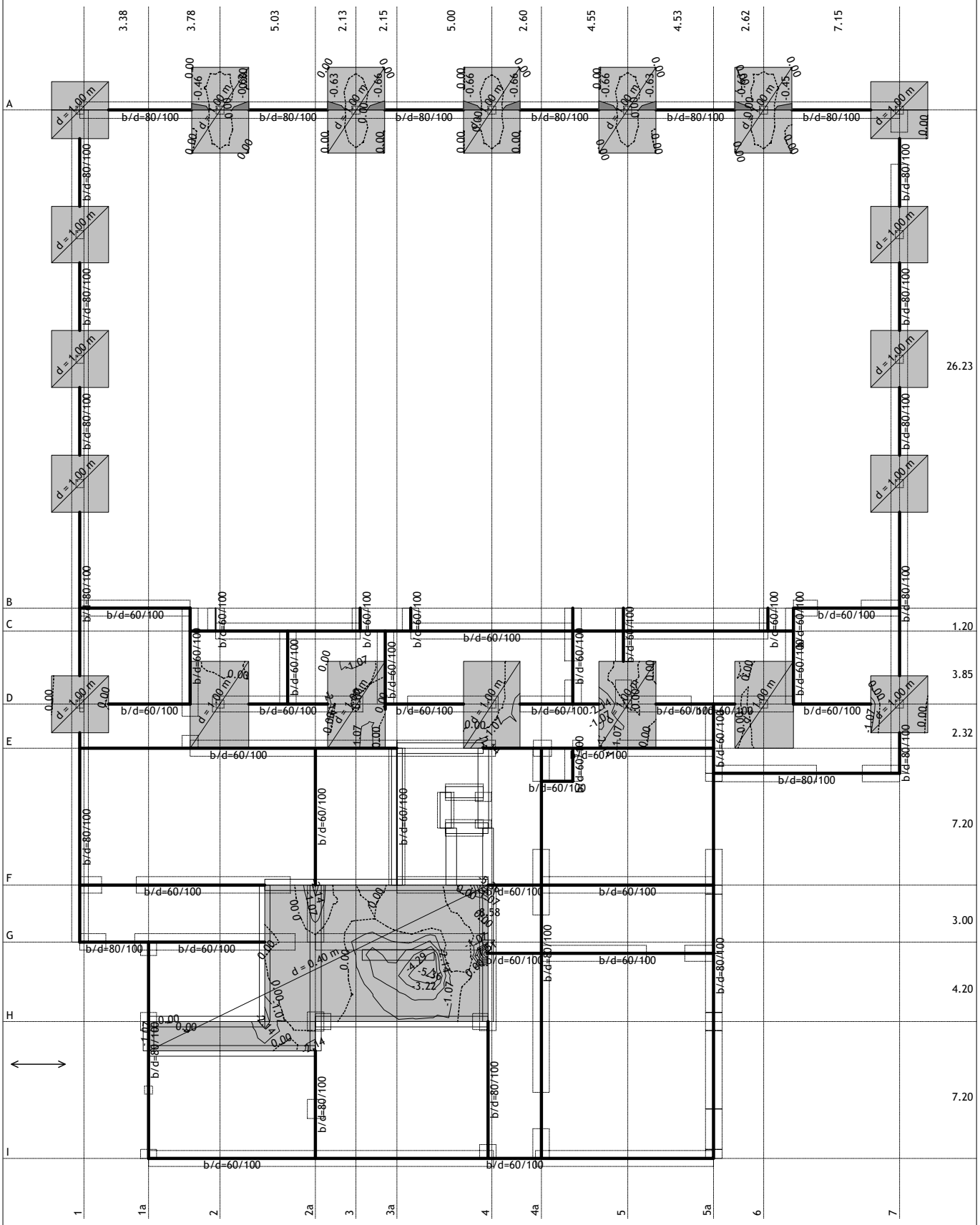
Obt. 3: I+II



Nivo: temelji [-0.20 m]
Vplivi v plošči: max Zp= -18.46 / min Zp= -42.93 m / 1000

TEMELJI

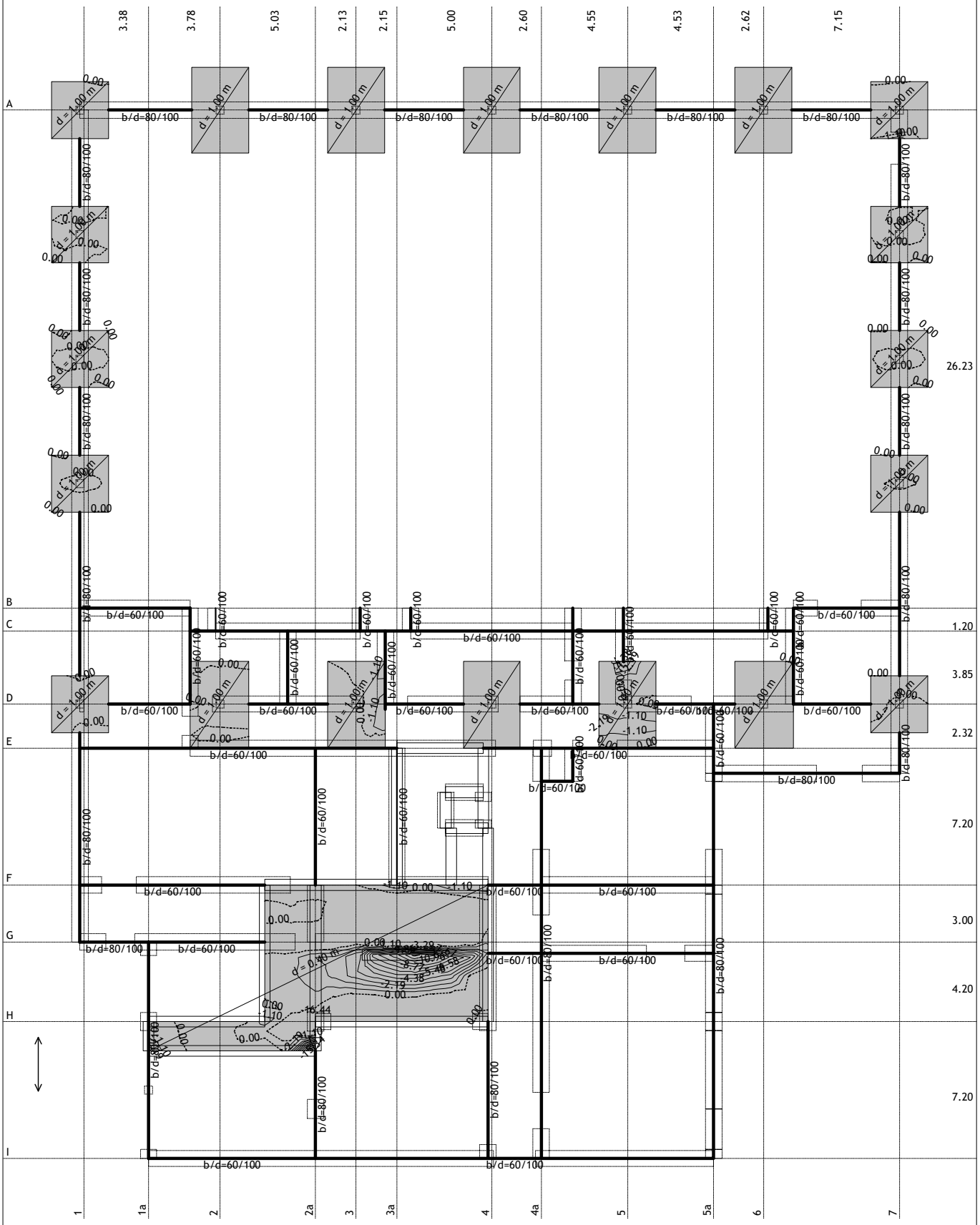
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: temelji [-0.20 m]
Aa - zg.cona - Smer 1 - max Aa1,z= -8.58 cm2/m

TEMELJI

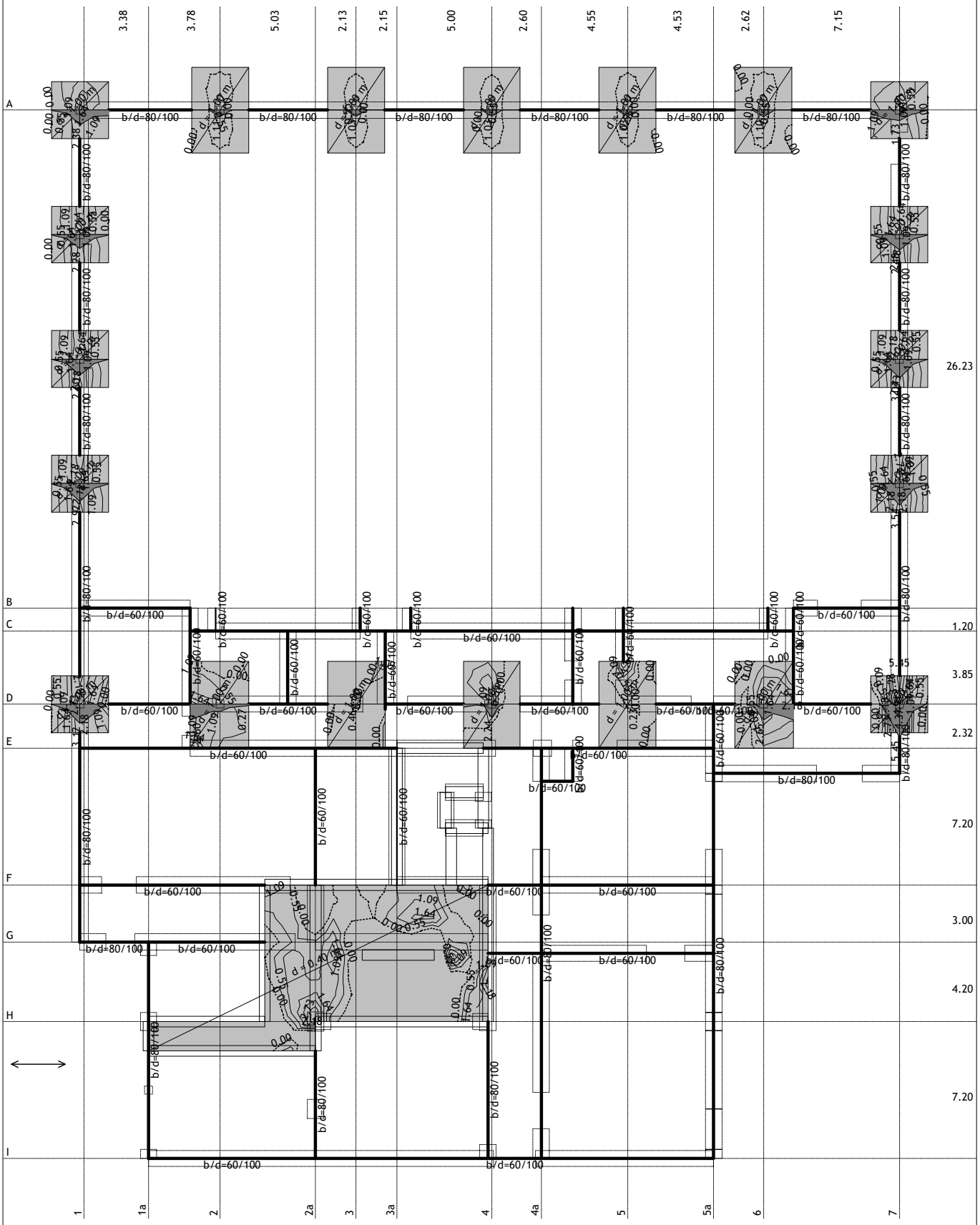
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: temelji [-0.20 m]
Aa - zg.cona - Smer 2 - max Aa2,z= -16.44 cm2/m

TEMELJI

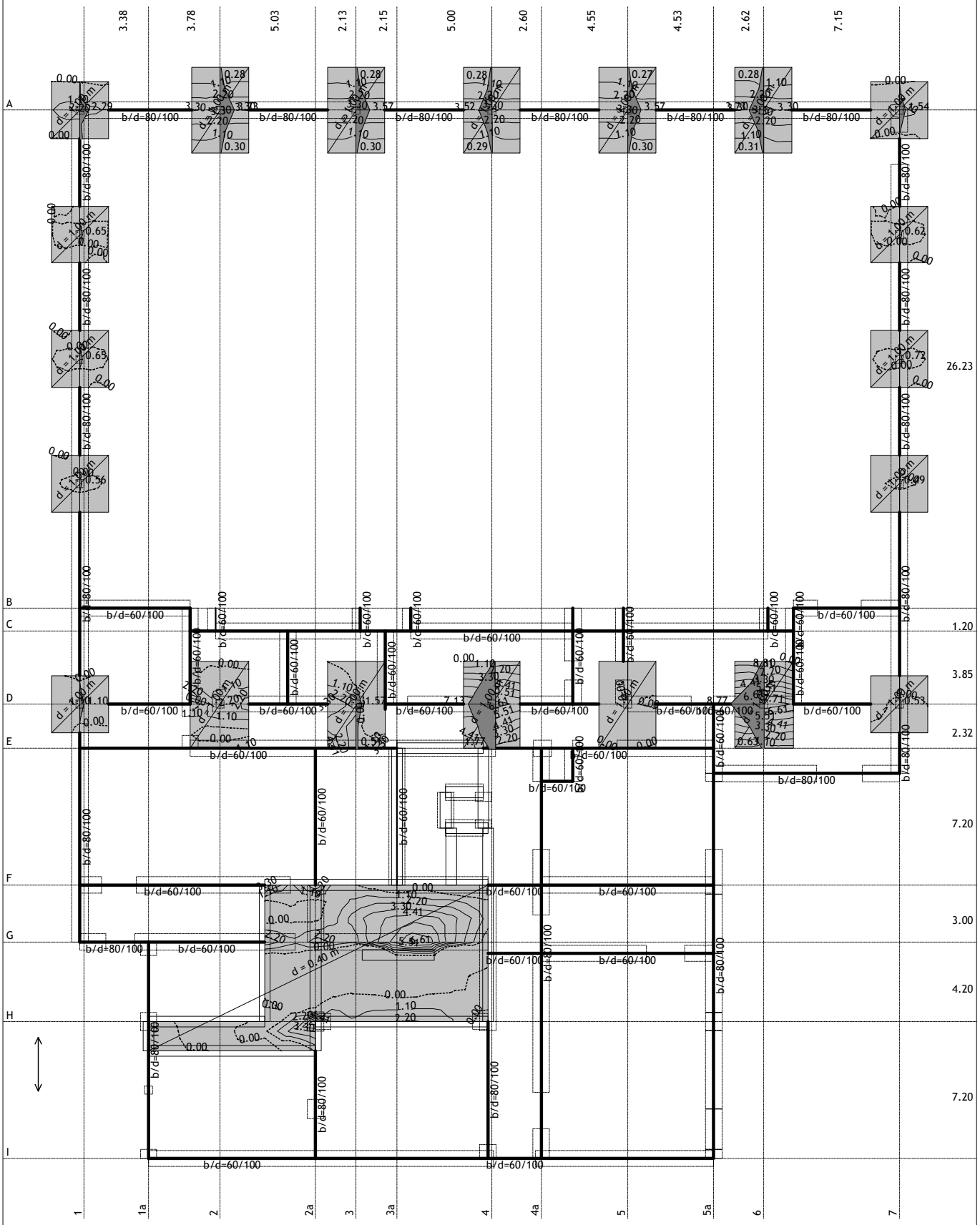
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: temelji [-0.20 m]
Aa - sp.cona - Smer 1 - max Aa1,s= 5.45 cm2/m

TEMELJI

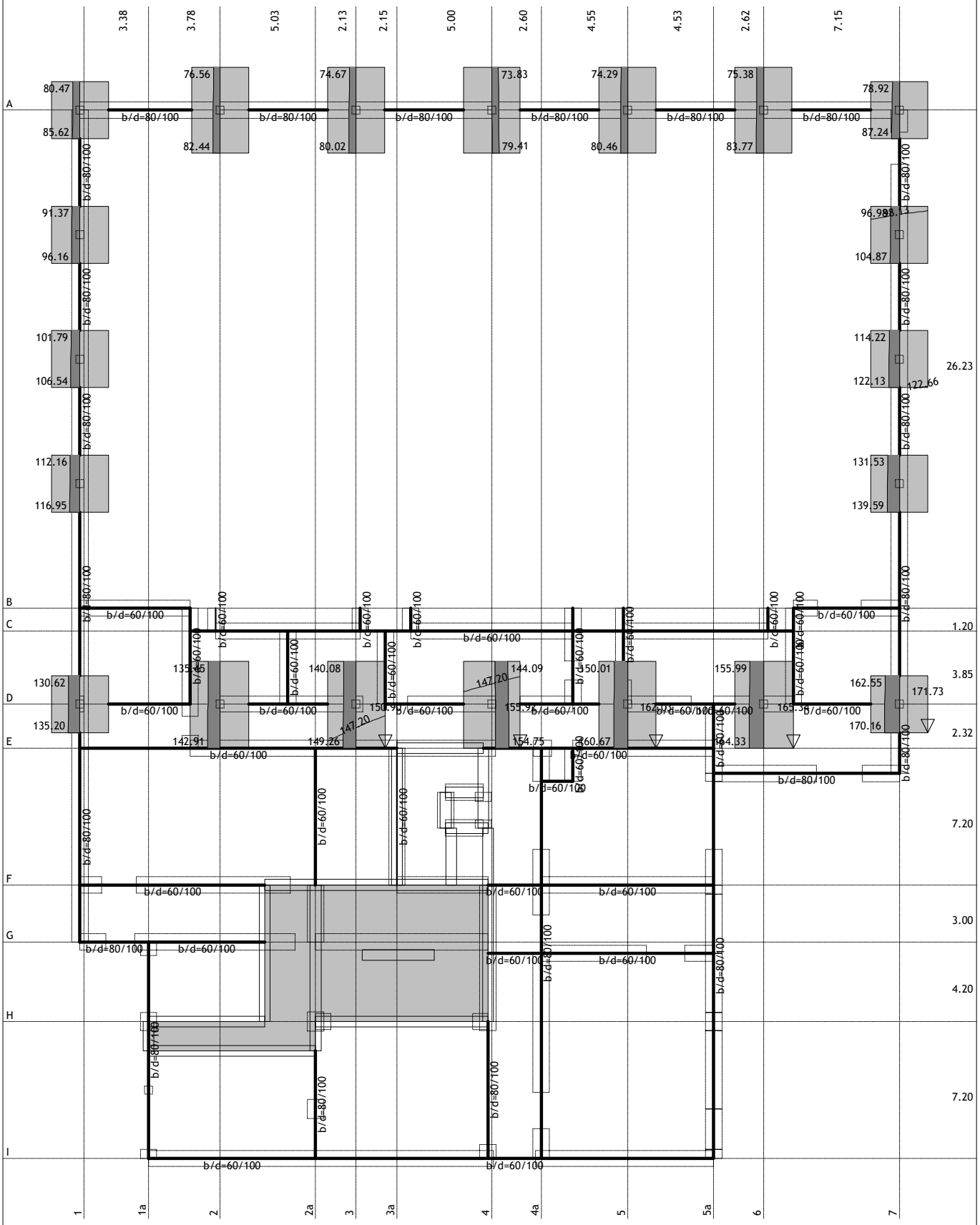
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: temelji [-0.20 m]
Aa - sp.cona - Smer 2 - max Aa2,s= 8.81 cm2/m

TEMELJI

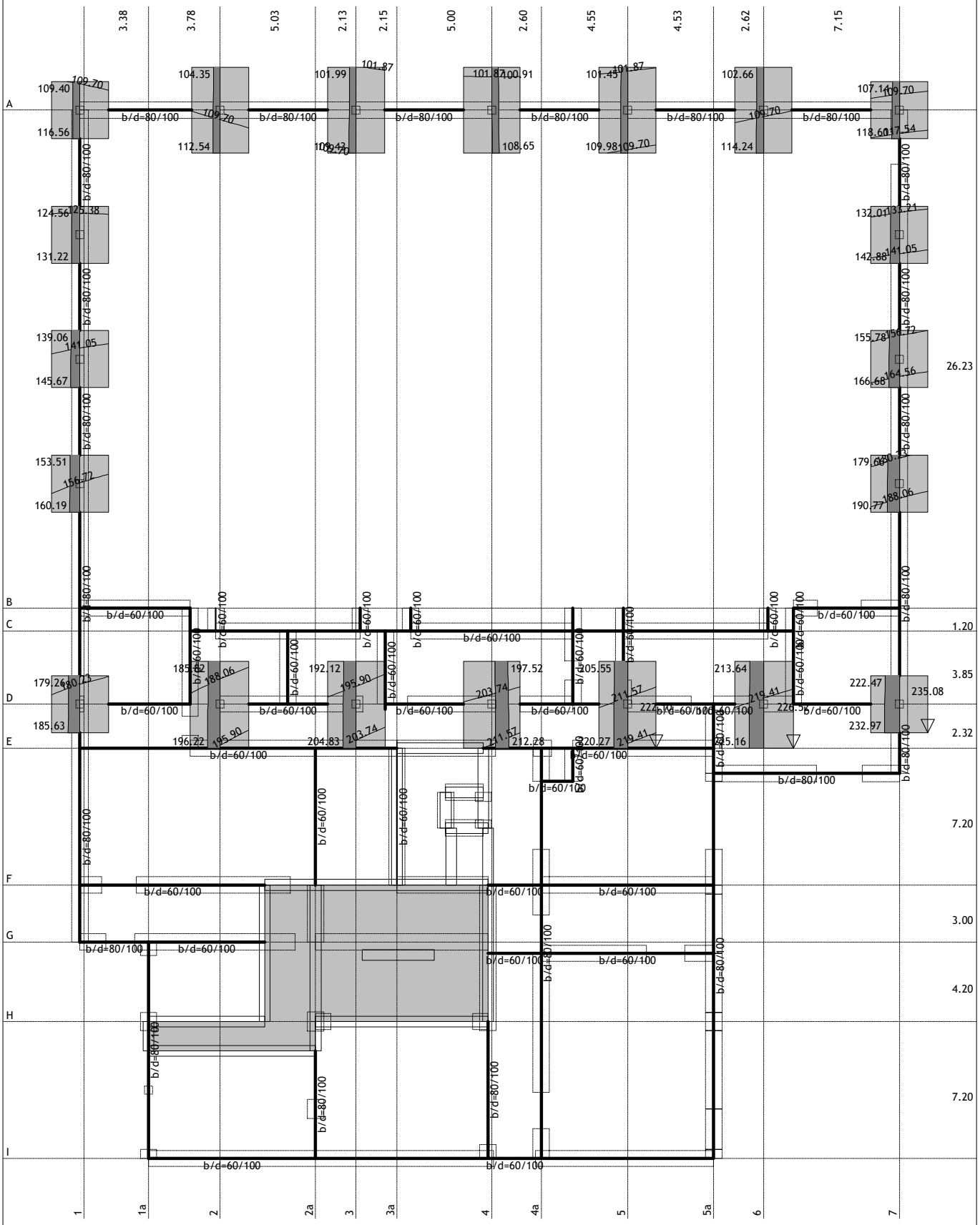
Obt. 3: I+II



Nivo: temelji [-0.20 m]
Vplivi v pov.podpori: max σ,tal= 171.73 / min σ,tal= 0.00 kN/m2

TEMELJI

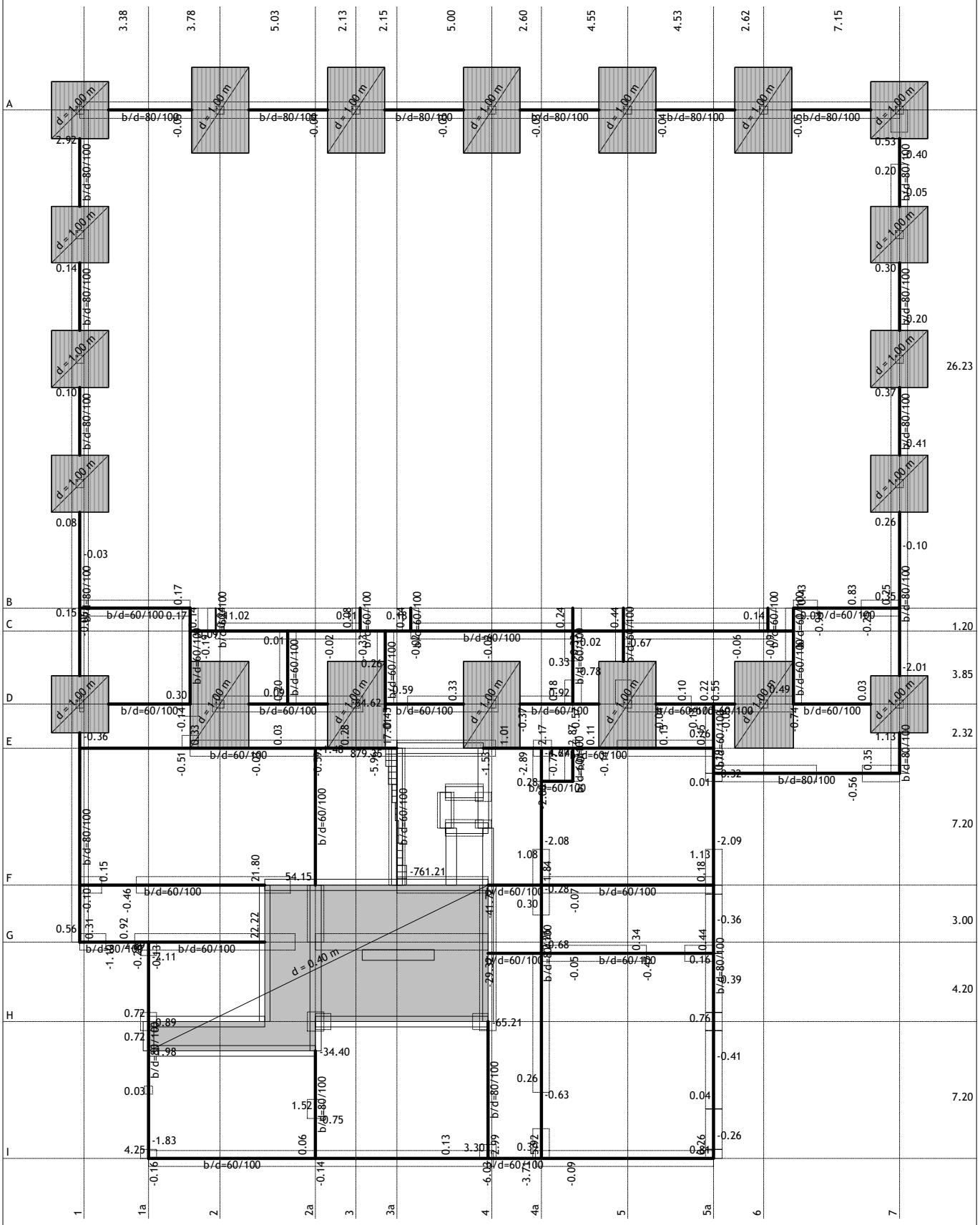
Obt. 4: 1.35xI+1.5xII



Nivo: temelji [-0.20 m]
Vplivi v pov.podpori: max σ,tal= 235.08 / min σ,tal= 0.00 kN/m2

TEMELJI

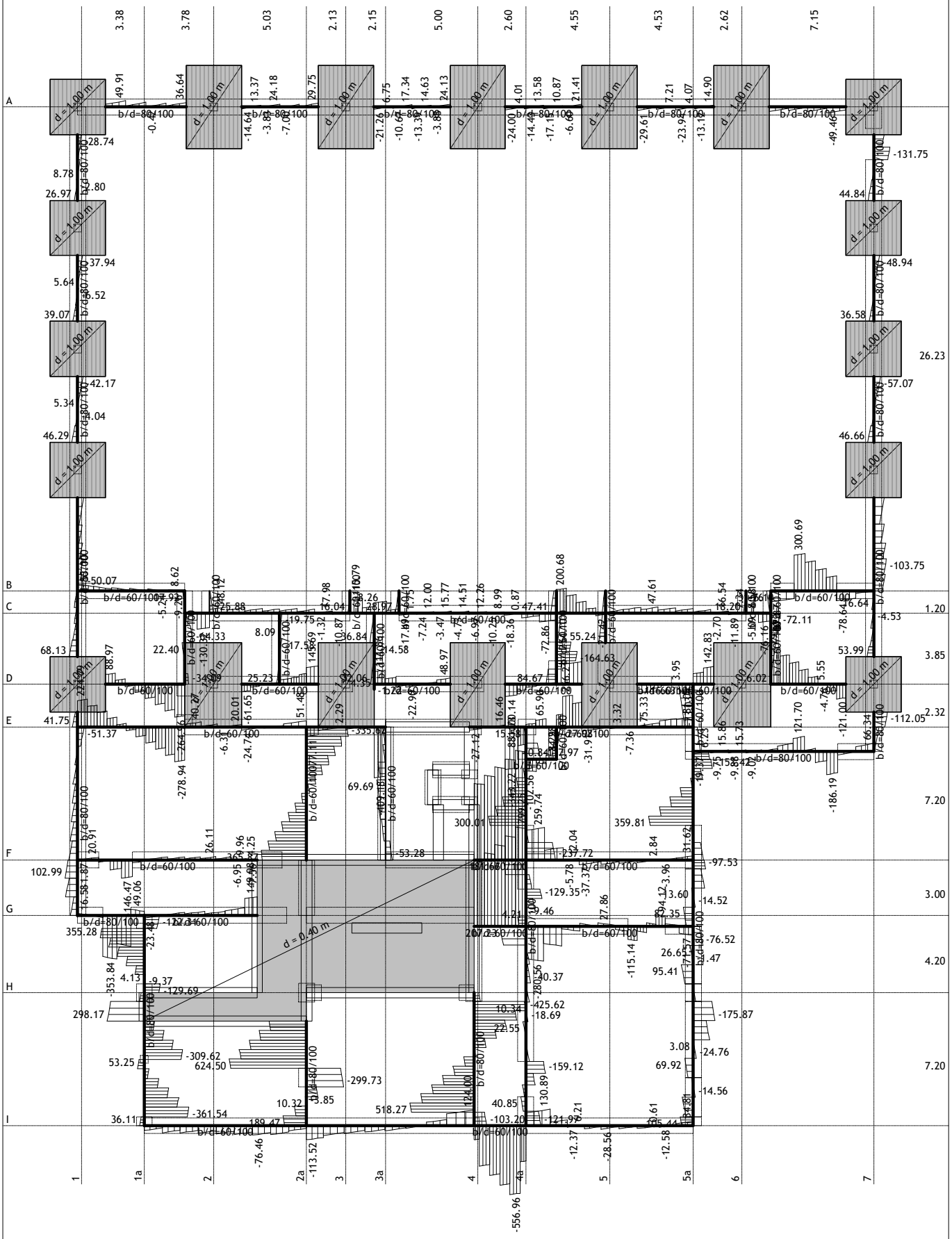
Obt. 4: 1.35xI+1.5xII



Nivo: temelji [-0.20 m]
Vplivi v gredi: max N1= 879.35 / min N1= -761.21 kN

TEMELJI

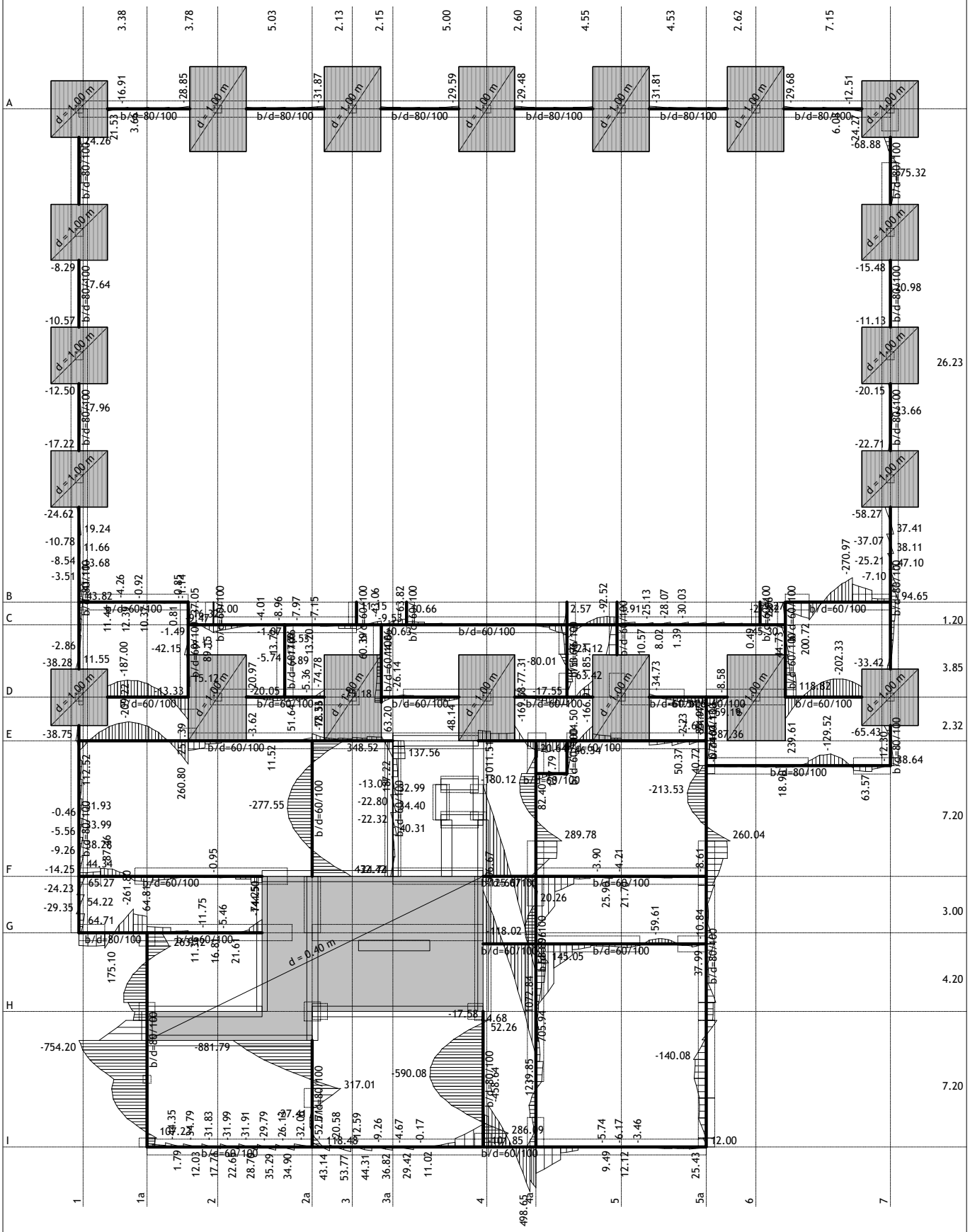
Obt. 4: 1.35xI+1.5xII



Nivo: temelji [-0.20 m]
Vplivi v gredi: max T2= 881.73 / min T2= -556.96 kN

TEMELJI

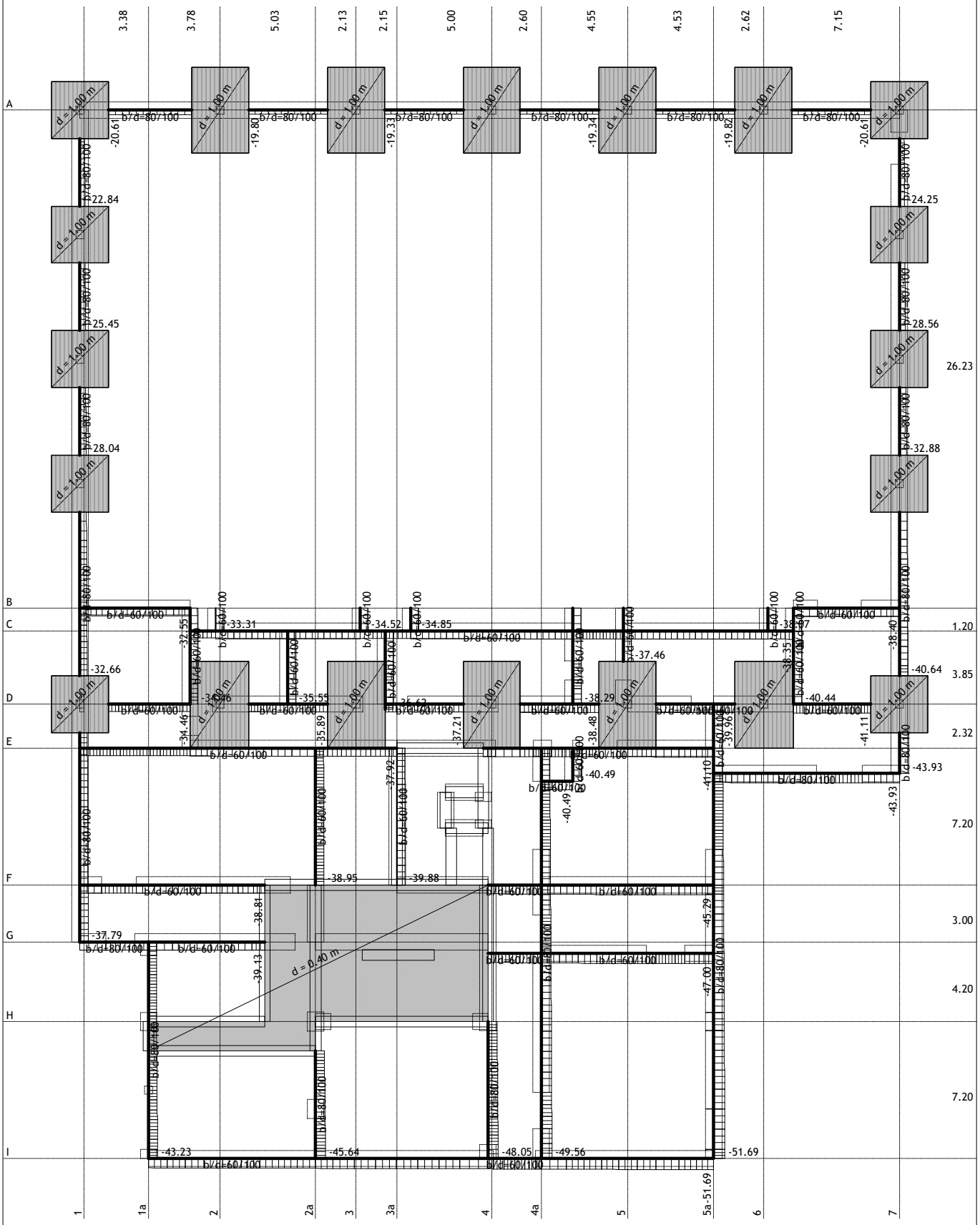
Obt. 4: 1.35xI+1.5xII



Nivo: temelji [-0.20 m]
Vplivi v gredi: max M3= 1239.85 / min M3= -1011.51 kNm

TEMELJI

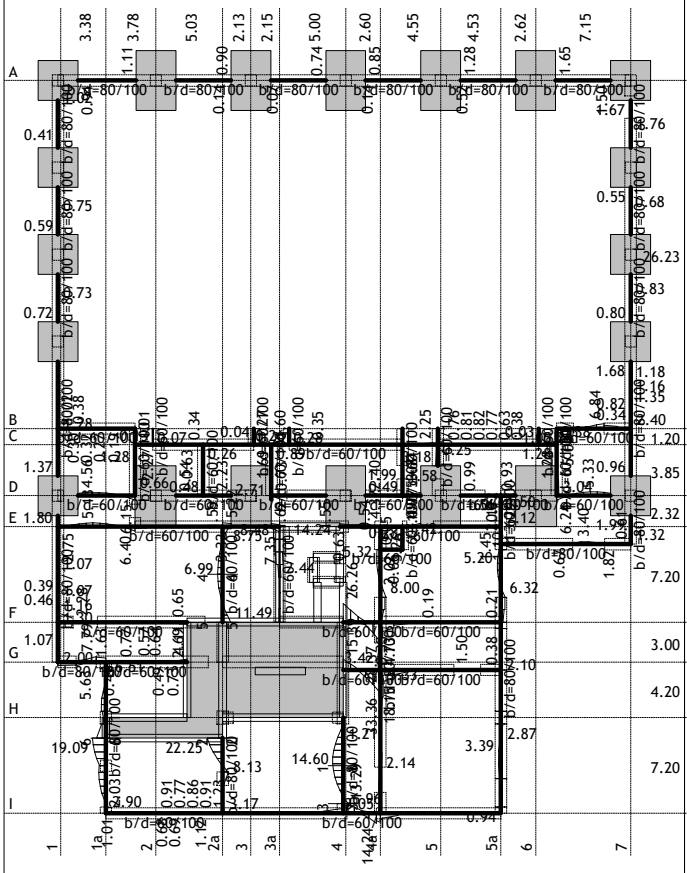
Obt. 3: I+II



Nivo: temelji [-0.20 m]
Vplivi v gredi: max Zp= -19.23 / min Zp= -51.69 m / 1000

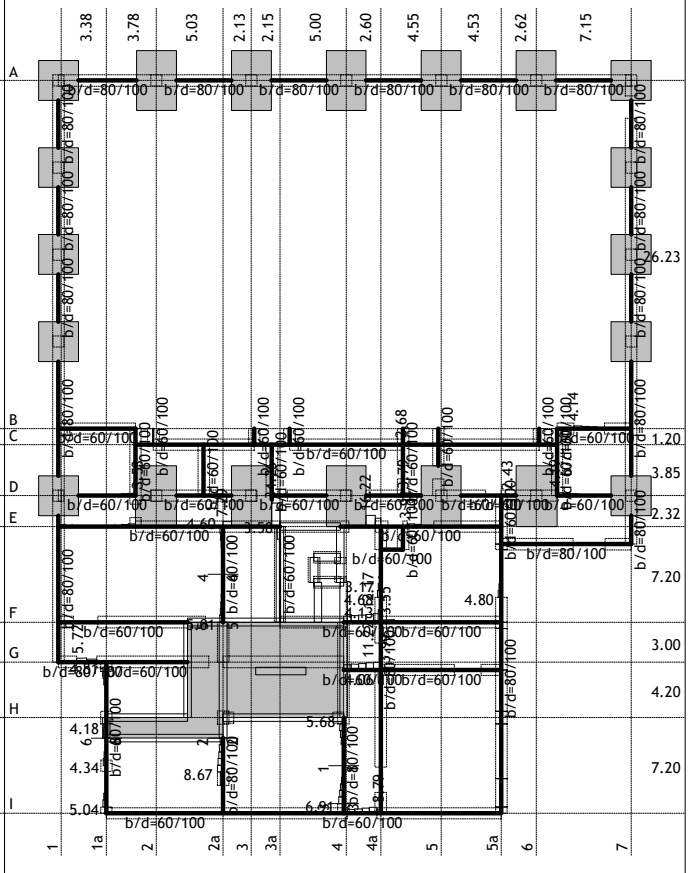
TEMELJI

Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H



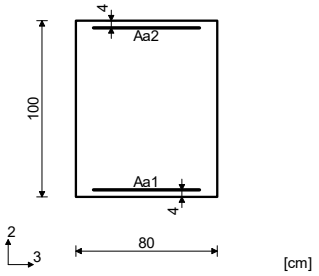
Nivo: temelji [-0.20 m]
Armatura v gredah: max Aa2/Aa1= 33.36 cm2

Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H



Nivo: temelji [-0.20 m]
Armatura v gredah: max Aa,st= 34.26 cm2

Greda 702-1599
EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII



Prerez 3-3 x = 0.72m
N1u = 3.30 kN
T2u = -83.62 kN
T3u = 40.90 kN
M1u = -5.24 kNm
M3u = 272.50 kNm

εb/εa = -1.338/25.000 ‰

Aa1 =	6.69	+	0.07`	=	6.75 cm2
Aa2 =	0.00	+	0.07`	=	0.07 cm2
Aa3 =	0.00	+	0.09`	=	0.09 cm2
Aa4 =	0.00	+	0.09`	=	0.09 cm2

Aa,st = 0.00 cm2/m (m=2)

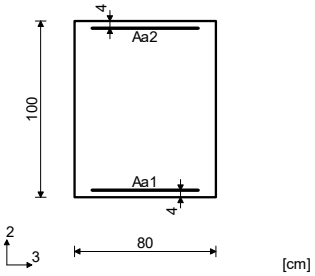
`) - dodatna vzdolžna armatura za prevzem torzije.

Prerez 1-1 x = 3.72m
T2u = 83.04 kN
T3u = 52.57 kN
M1u = 1.40 kNm
M3u = -590.08 kNm

εb/εa = -2.253/25.000 ‰

Aa1 = 0.00 cm2
Aa2 = 14.60 cm2
Aa3 = 0.00 cm2
Aa4 = 0.00 cm2
Aa,st = 0.00 cm2/m (m=2)

Greda 179-476
EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII



Prerez 2-2 x = 5.66m
N1u = -34.40 kN
T2u = 304.16 kN
T3u = 83.64 kN
M1u = 39.40 kNm
M3u = -881.79 kNm

εb/εa = -3.196/25.000 ‰

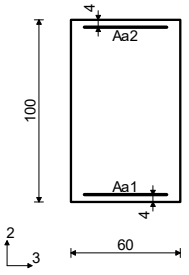
Aa1 =	0.00	+	0.49`	=	0.49 cm2
Aa2 =	21.76	+	0.49`	=	22.25 cm2
Aa3 =	0.00	+	0.71`	=	0.71 cm2
Aa4 =	0.00	+	0.71`	=	0.71 cm2

Aa,st = 4.40 cm2/m (m=2)

`) - dodatna vzdolžna armatura za prevzem torzije.

Greda 1313-2571
EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII

TEMELJI



[cm]

Prerez 5-5 x = 0.00m

N1u = 54.15 kN
T2u = 355.45 kN
T3u = -6.66 kN
M1u = 15.09 kNm
M3u = 432.42 kNm

εb/εa = -2.117/25.000 ‰

Aa1 =	11.31	+	0.19`	=	11.49 cm2
Aa2 =	0.00	+	0.19`	=	0.19 cm2
Aa3 =	0.00	+	0.36`	=	0.36 cm2
Aa4 =	0.00	+	0.36`	=	0.36 cm2

Aa,st = 4.87 cm2/m (m=2)

`) - dodatna vzdolžna armatura za prevzem torzije.

Prerez 4-4 x = 3.60m

T2u = 41.11 kN
T3u = -4.32 kN
M1u = 15.09 kNm
M3u = -277.55 kNm

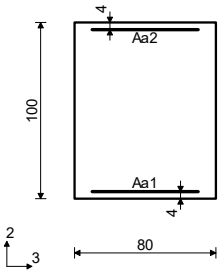
εb/εa = -1.626/25.000 ‰

Aa1 =	0.00	+	0.19`	=	0.19 cm2
Aa2 =	6.80	+	0.19`	=	6.99 cm2
Aa3 =	0.00	+	0.36`	=	0.36 cm2
Aa4 =	0.00	+	0.36`	=	0.36 cm2

Aa,st = 0.00 cm2/m (m=2)

Greda 299-1

EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII



[cm]

Prerez 6-6 x = 5.74m

N1u = 0.72 kN
T2u = 298.17 kN
T3u = 16.19 kN
M1u = 23.74 kNm
M3u = -533.31 kNm

εb/εa = -2.087/25.000 ‰

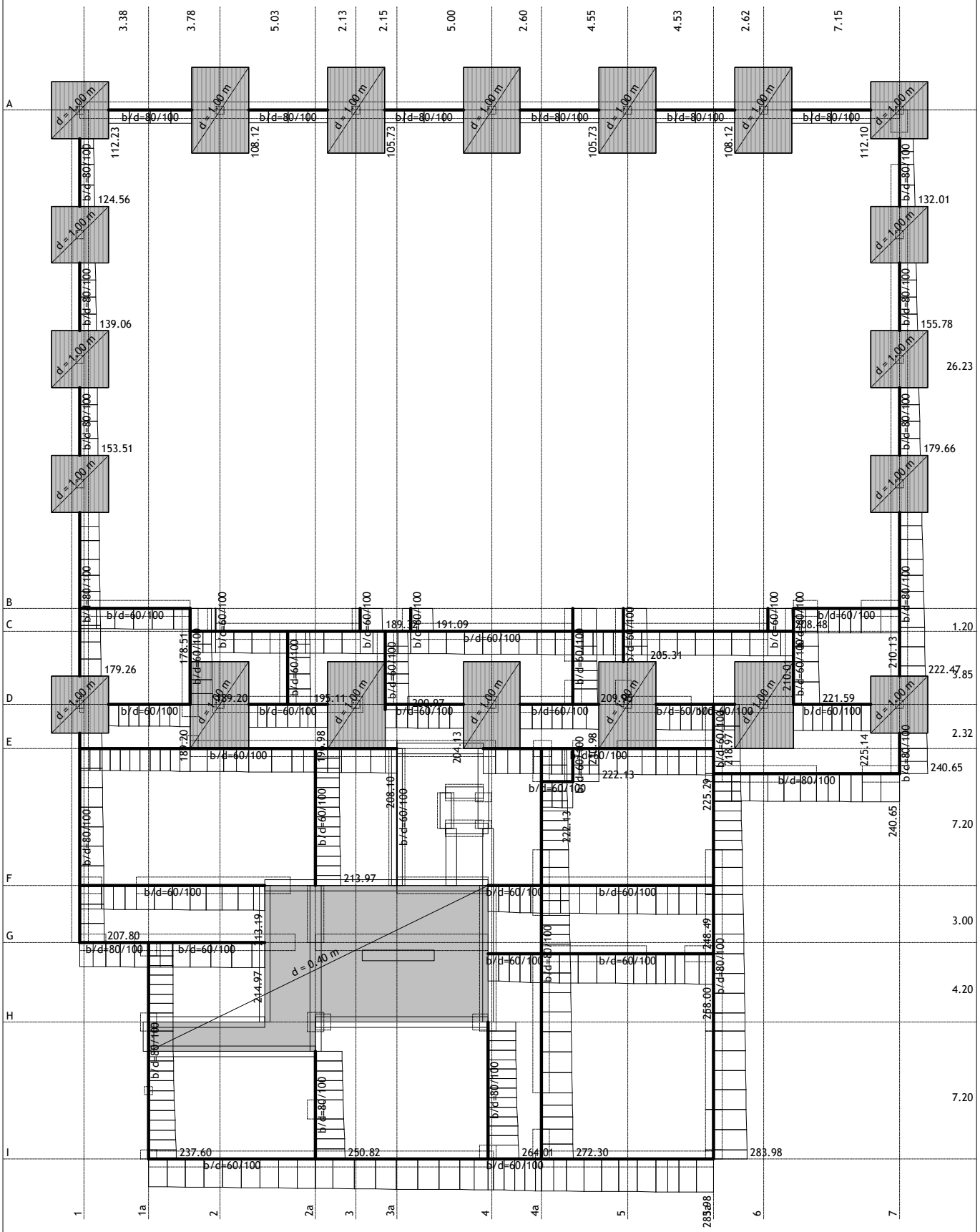
Aa1 =	0.00	+	0.30`	=	0.30 cm2
Aa2 =	13.17	+	0.30`	=	13.46 cm2
Aa3 =	0.00	+	0.43`	=	0.43 cm2
Aa4 =	0.00	+	0.43`	=	0.43 cm2

Aa,st = 4.18 cm2/m (m=2)

`) - dodatna vzdolžna armatura za prevzem torzije.

TEMELJI

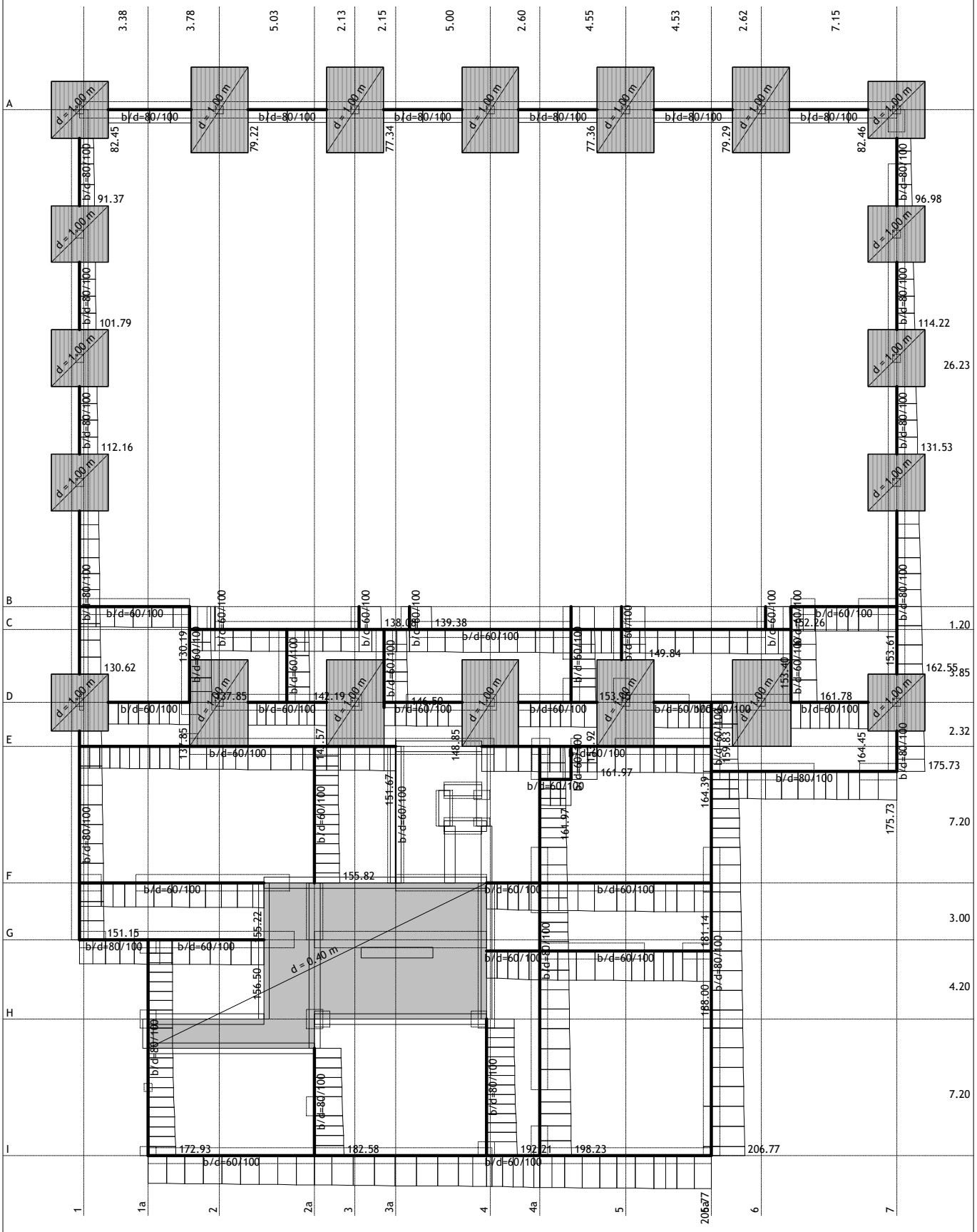
Obt. 4: 1.35xI+1.5xII



Nivo: temelji [-0.20 m]
Vplivi v lin. podpori: max σ,tal= 283.98 / min σ,tal= 105.18 kN/m2

TEMELJI

Obt. 3: I+II



Nivo: temelji [-0.20 m]
Vplivi v lin. podpori: max σ,tal= 206.77 / min σ,tal= 76.91 kN/m2

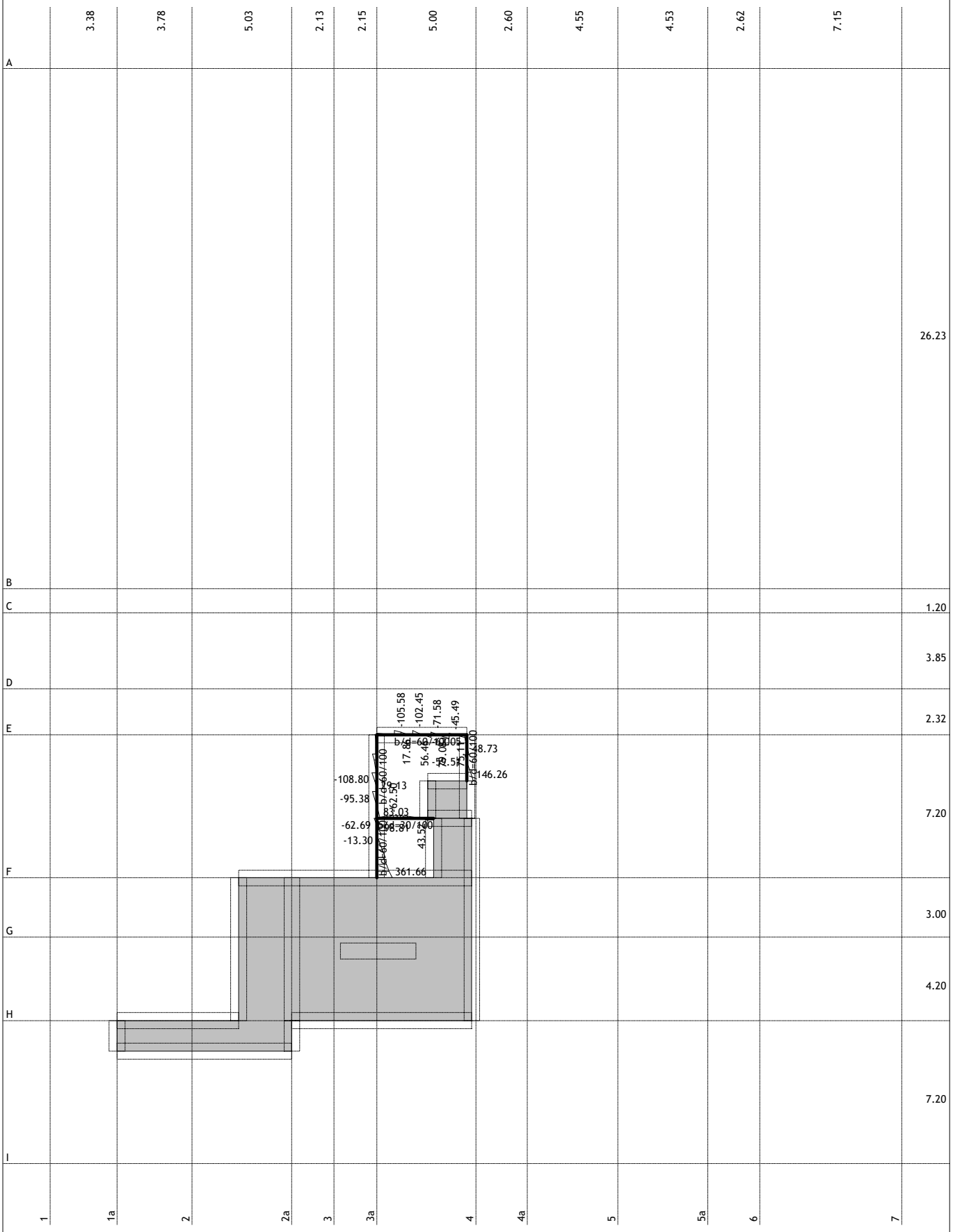
TEMELJI

Obt. 4: 1.35xI+1.5xII

Nivo: temelji zaklonišča [-2.87 m]
Vplivi v gredi: max T2= 169.10 / min T2= -212.16 kN

TEMELJI

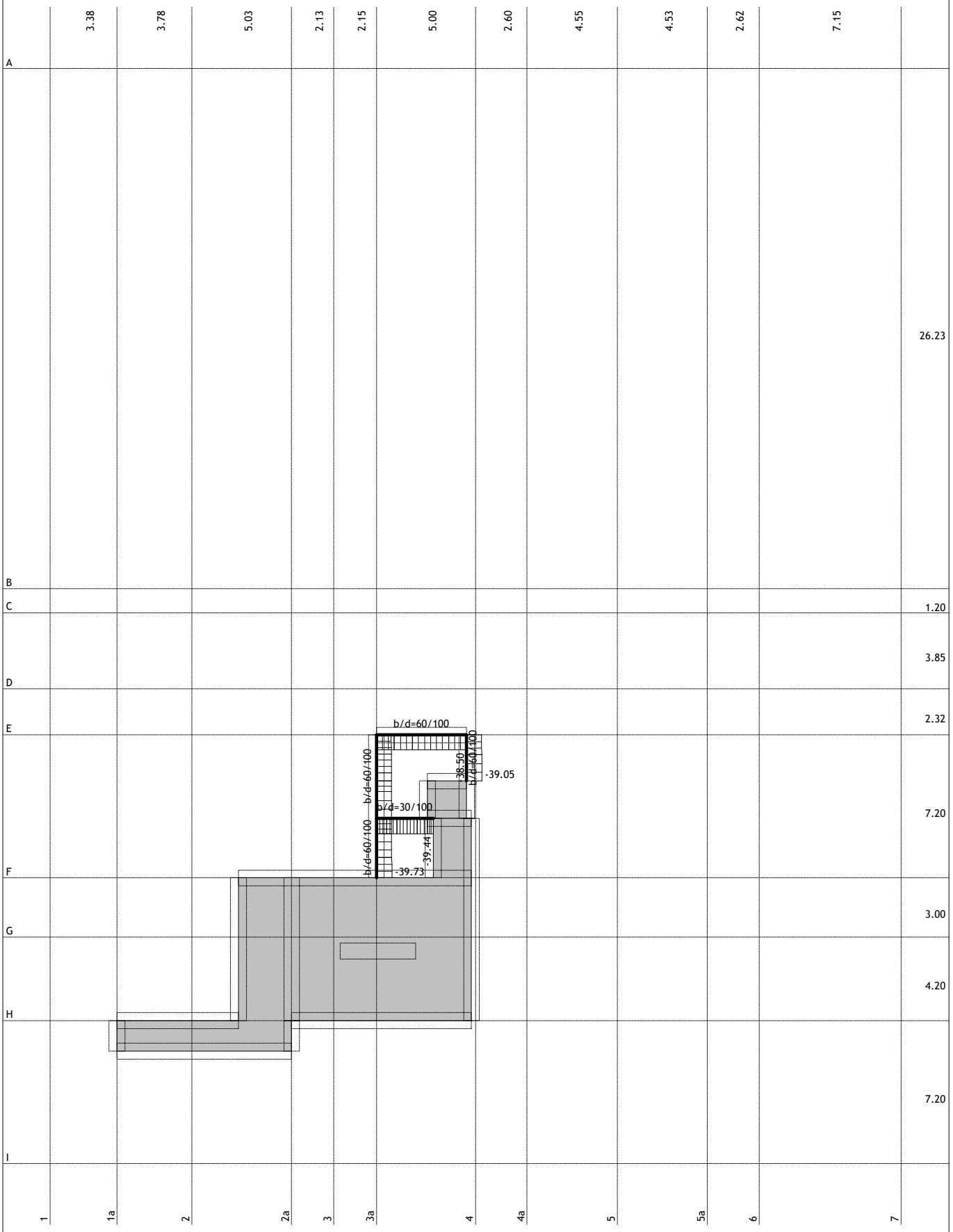
Obt. 4: 1.35xI+1.5xII



Nivo: temelji zaklonišča [-2.87 m]
Vplivi v gredi: max M3= 361.66 / min M3= -108.80 kNm

TEMELJI

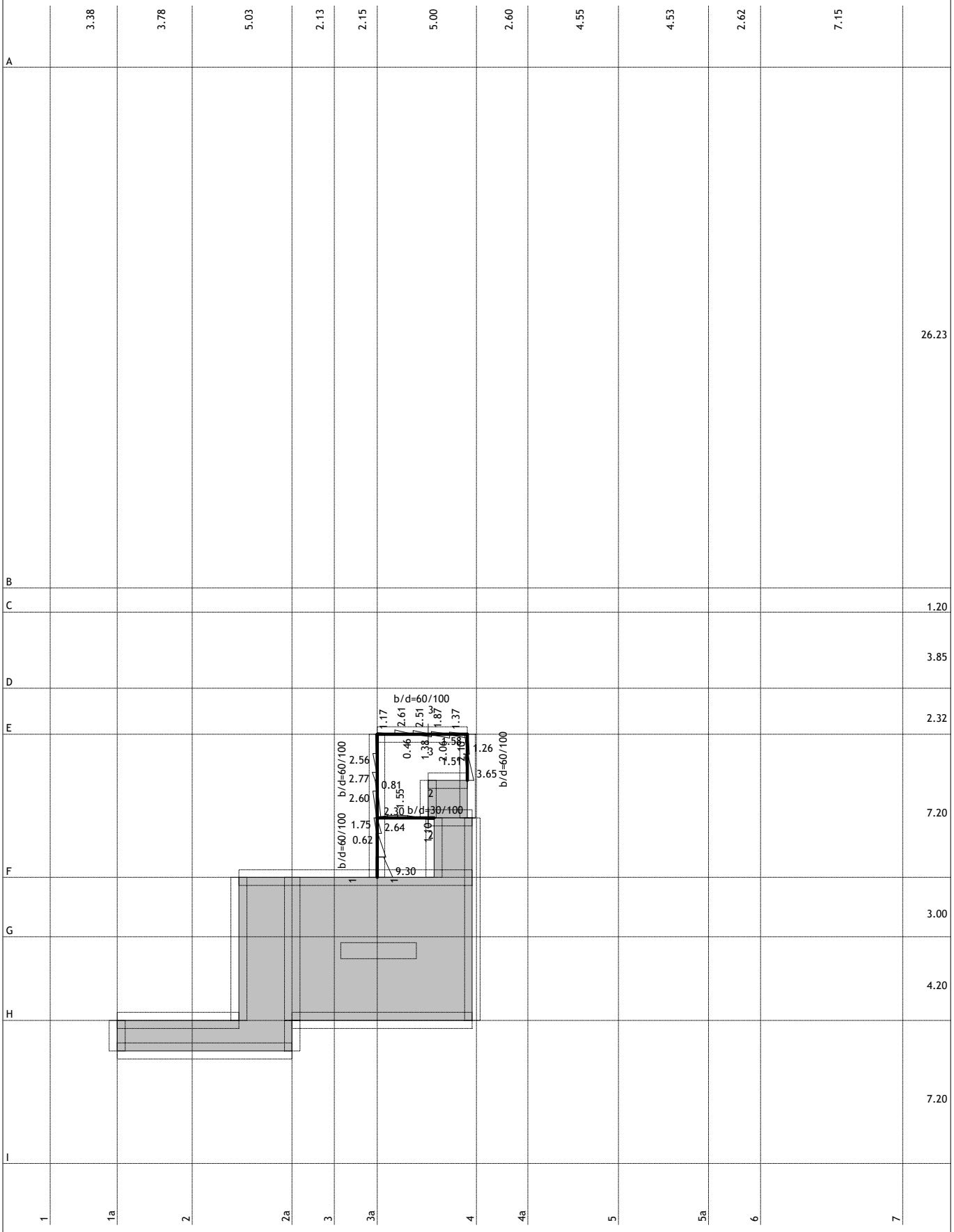
Obt. 3: I+II



Nivo: temelji zaklonišča [-2.87 m]
Vplivi v gredi: max Zp= -38.09 / min Zp= -39.73 m / 1000

TEMELJI

Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H



Nivo: temelji zaklonišča [-2.87 m]
Armatura v gredah: max Aa2/Aa1= 9.30 cm2

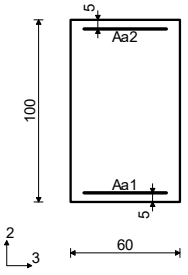
TEMELJI

Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H

Nivo: temelji zaklonišča [-2.87 m]
Armatura v gredah: max Aa,st= 3.13 cm2

TEMELJI

Greda 2039-1548
EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII



[cm]

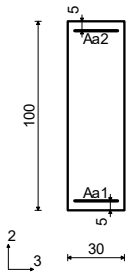
Prerez 1-1 x = 3.00m
N1u = -8.12 kN
T2u = -190.39 kN
T3u = 10.49 kN
M1u = -30.51 kNm
M3u = 361.66 kNm

εb/εa = -1.987/25.000 ‰

Aa1 =	8.91	+	0.39`	=	9.30 cm2
Aa2 =	0.00	+	0.39`	=	0.39 cm2
Aa3 =	0.00	+	0.73`	=	0.73 cm2
Aa4 =	0.00	+	0.73`	=	0.73 cm2

Aa,st = 2.85 cm2/m (m=2)
`) - dodatna vzdolžna armatura za prevzem torzije.

Greda 2645-2039
EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII



[cm]

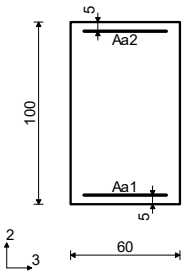
Prerez 2-2 x = 0.30m
N1u = -0.66 kN
T2u = 17.94 kN
T3u = -5.64 kN
M1u = 10.78 kNm
M3u = 34.53 kNm

εb/εa = -0.734/25.000 ‰

Aa1 =	0.84	+	0.14`	=	0.97 cm2
Aa2 =	0.00	+	0.14`	=	0.14 cm2
Aa3 =	0.00	+	0.52`	=	0.52 cm2
Aa4 =	0.00	+	0.52`	=	0.52 cm2

Aa,st = 0.00 cm2/m (m=2)
`) - dodatna vzdolžna armatura za prevzem torzije.

Greda 2961-4175
EC 2 (EN 1992-1-1:2004)
C 25 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje enega obtežnega primera: 1.35xI+1.50xII



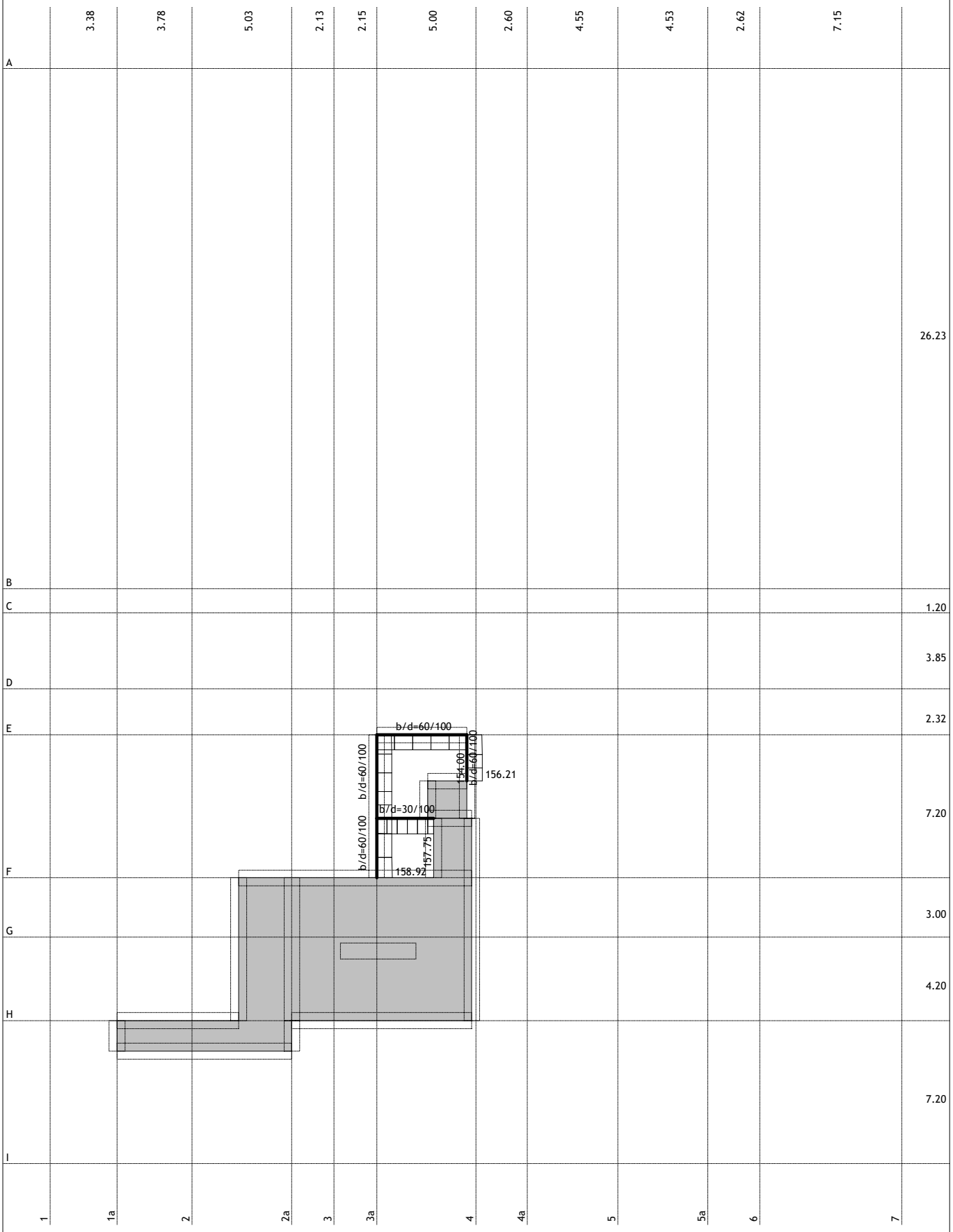
[cm]

Prerez 3-3 x = 2.73m
N1u = -0.07 kN
T2u = -165.41 kN
T3u = -2.74 kN
M1u = 1.19 kNm
M3u = 56.46 kNm

εb/εa = -0.655/25.000 ‰
Aa1 = 1.38 cm2
Aa2 = 0.00 cm2
Aa3 = 0.00 cm2
Aa4 = 0.00 cm2
Aa,st = 0.00 cm2/m (m=2)

TEMELJI

Obt. 3: I+II



Nivo: temelji zaklonišča [-2.87 m]
Vplivi v lin. podpori: max σ,tal= 158.92 / min σ,tal= 152.36 kN/m2

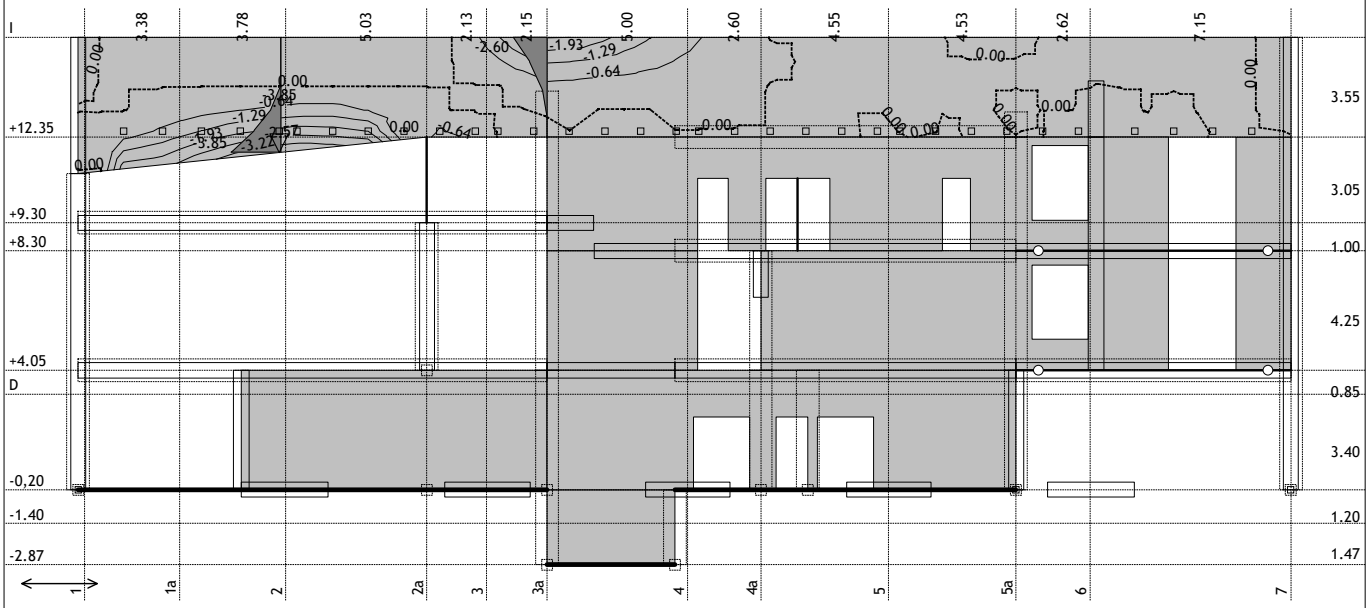
TEMELJI

Obt. 4: 1.35xI+1.5xII

Nivo: temelji zaklonišča [-2.87 m]
Vplivi v lin. podpori: max σ,tal= 218.18 / min σ,tal= 209.05 kN/m2

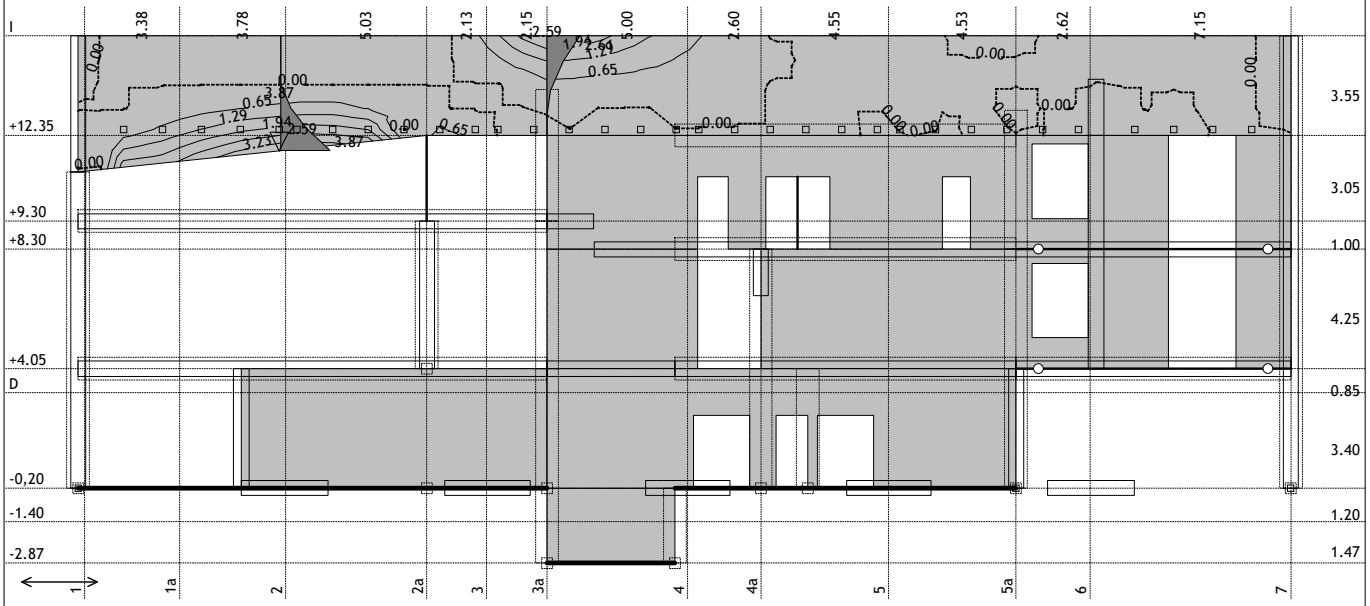
STENASTI NOSILEC V OSI E

Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: os E
Aa - zg.cona - Smer 1 - max Aa1,z= -3.85 cm2/m

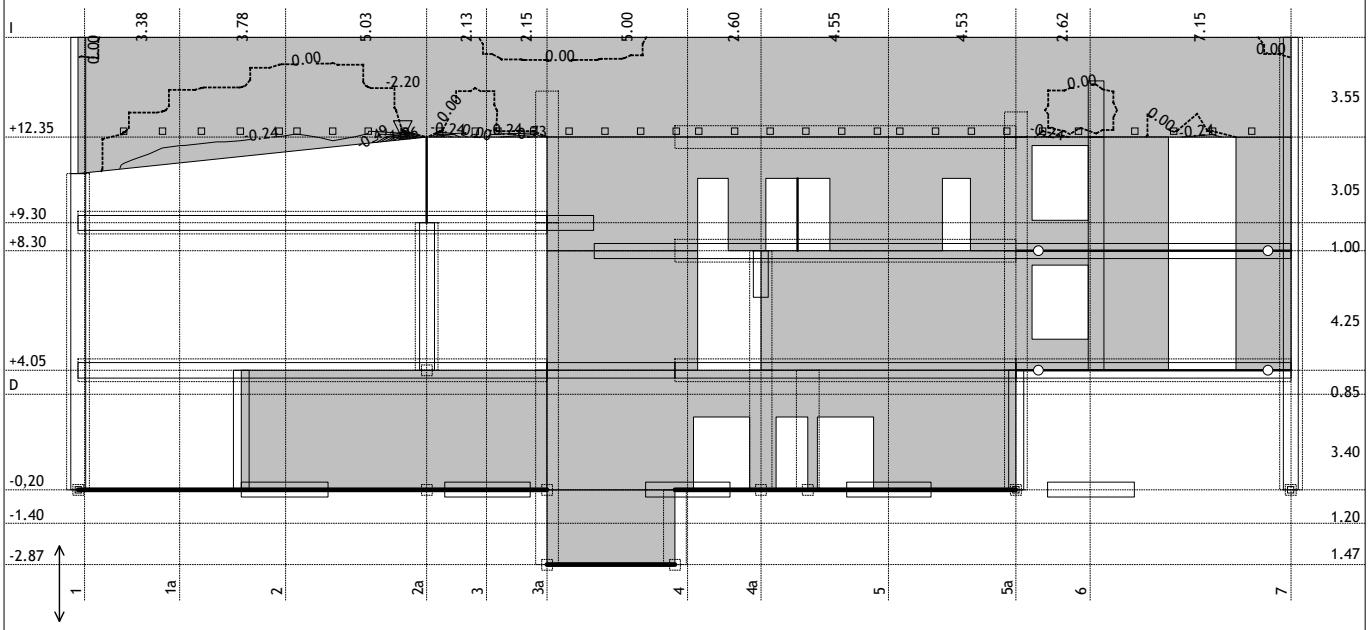
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: os E
Aa - sp.cona - Smer 1 - max Aa1,s= 3.87 cm2/m

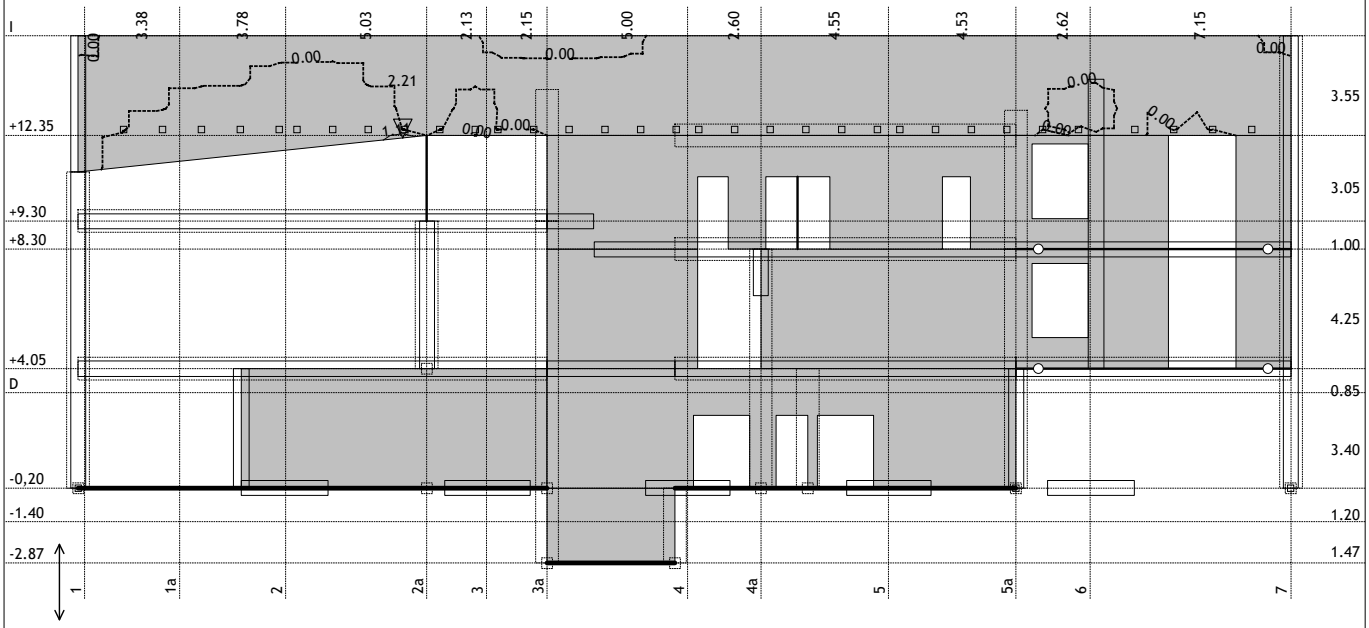
STENASTI NOSILEC V OSI E

Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: os E
Aa - zg.cona - Smer 2 - max Aa2,z= -2.20 cm2/m

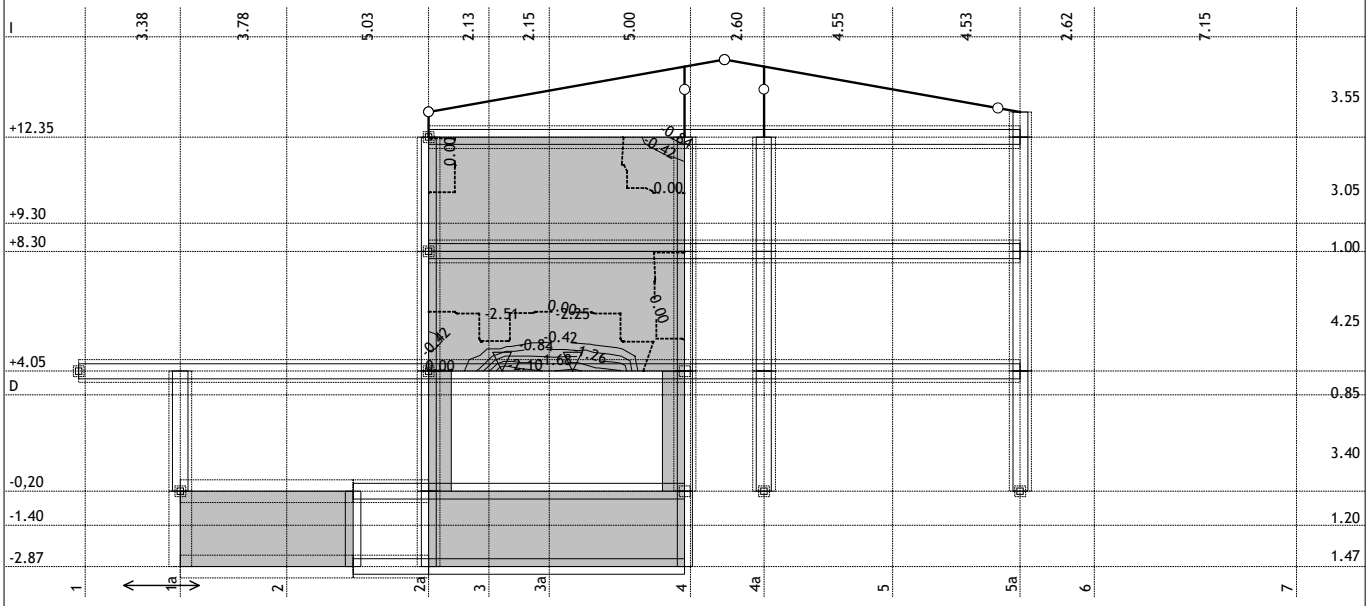
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: os E
Aa - sp.cona - Smer 2 - max Aa2,s= 2.21 cm2/m

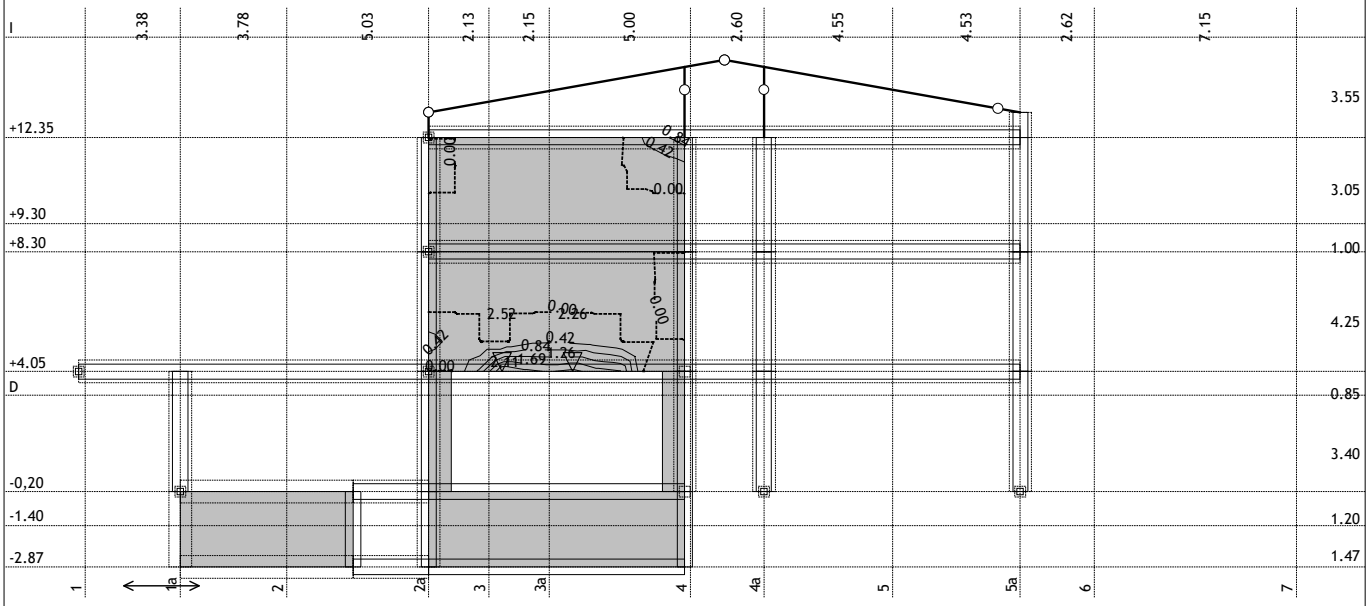
STENASTI NOSILEC V OSI H

Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: os H
Aa - zg.cona - Smer 1 - max Aa1,z= -2.51 cm2/m

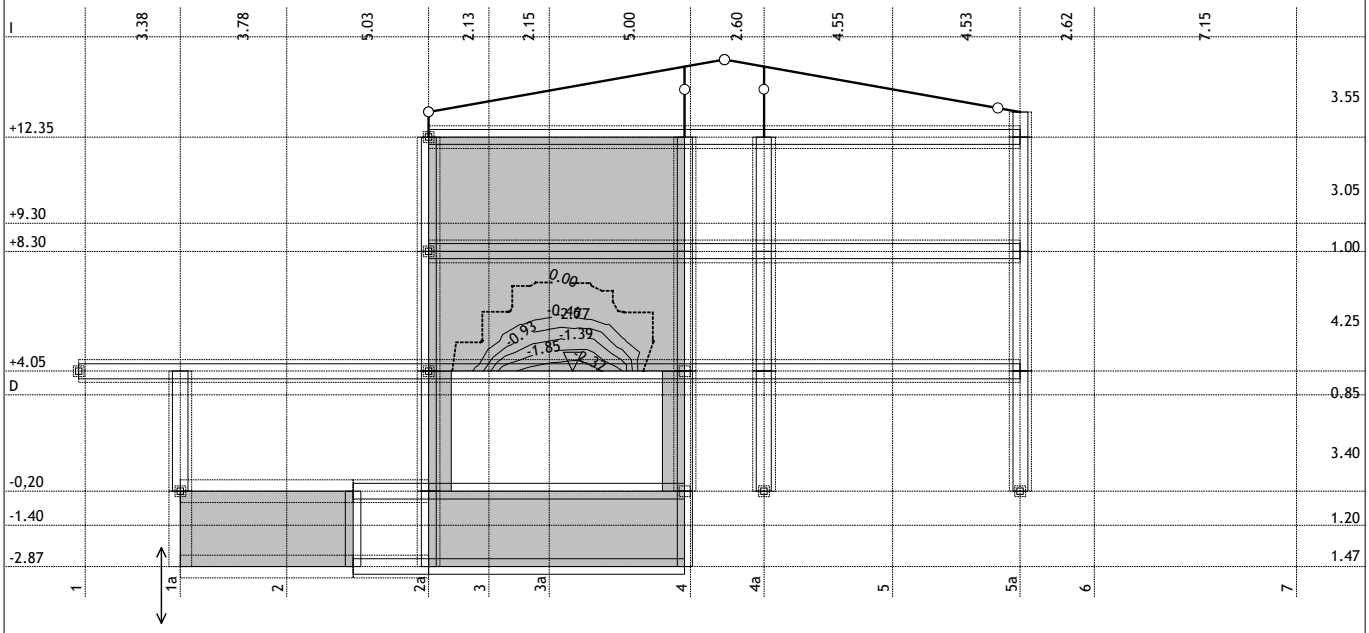
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: os H
Aa - sp.cona - Smer 1 - max Aa1,s= 2.52 cm2/m

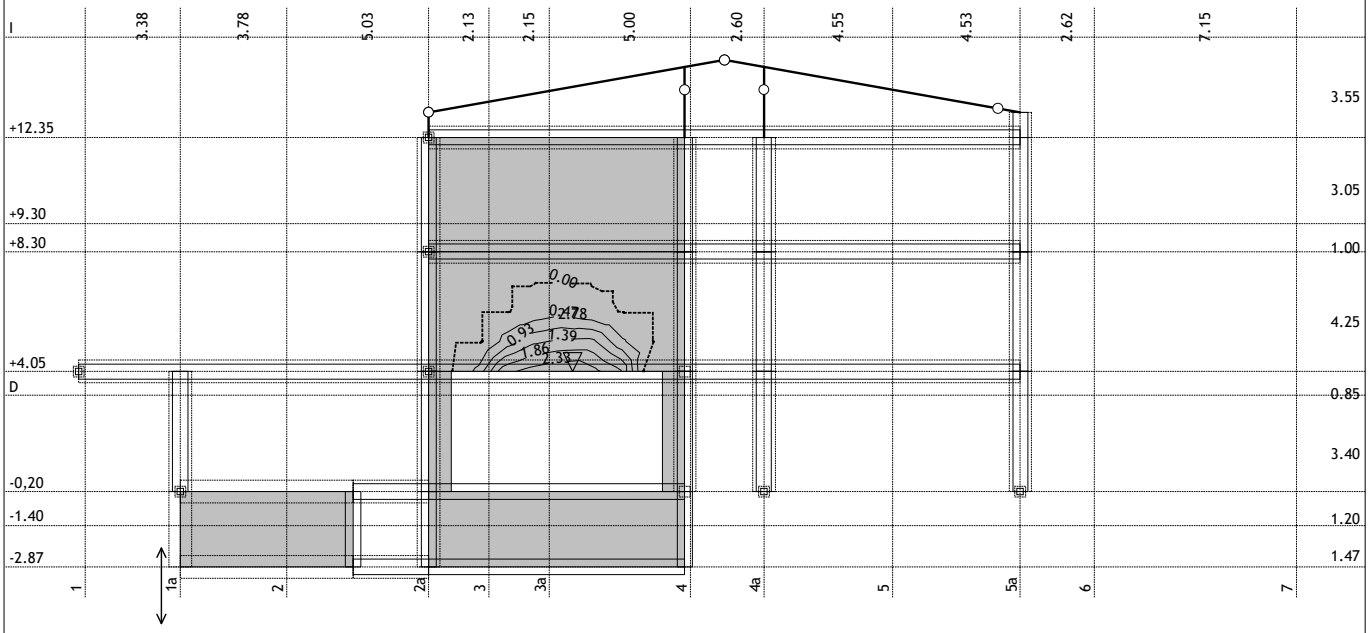
STENASTI NOSILEC V OSI H

Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: os H
Aa - zg.cona - Smer 2 - max Aa2,z= -2.77 cm2/m

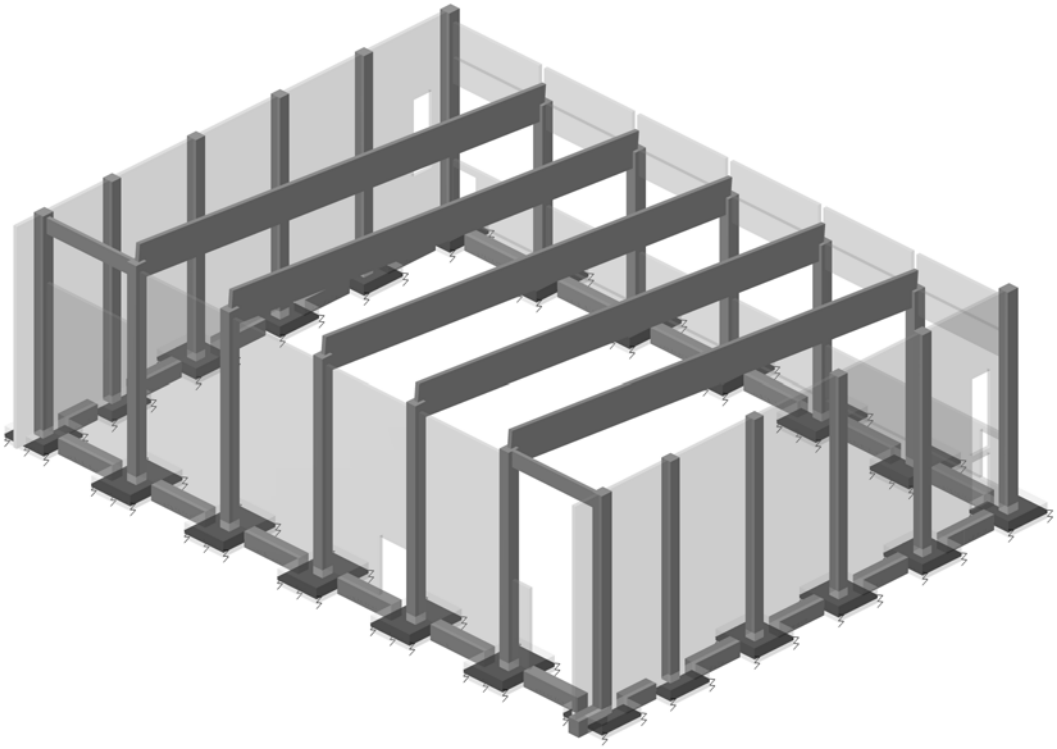
Merodajna obtežba: 1.35xI+1.50xII
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: os H
Aa - sp.cona - Smer 2 - max Aa2,s= 2.78 cm2/m

Vhodni podatki - Konstrukcija

DIMENZIONIRANJE DVORANSKEGA DELA



Izometrija

Tabele materialov

No	Naziv materiala	E[kN/m2]	μ	γ[kN/m3]	αt[1/C]	Em[kN/m2]	μm
1	C 25/30	3.100e+7	0.20	25.00	1.000e-5	3.100e+7	0.20
2	Les-Iglavci-Lamelirani	1.100e+7	0.20	5.00	1.000e-5	1.100e+7	0.20

Seti plošč

No	d[m]	e[m]	Material	Tip preračuna	Ortotropija	E2[kN/m2]	G[kN/m2]	α
<1>	0.250	0.125	1	Tanka plošča	Izotropna			
<2>	1.000	0.500	1	Tanka plošča	Izotropna			

Seti površinskih podpor

Set	K,R1	K,R2	K,R3
2	1.000e+10	1.500e+4	1.500e+4

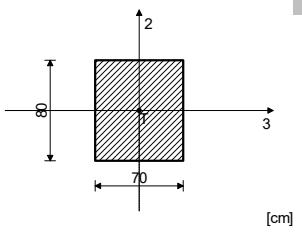
Seti linijskih podpor

Set	K,R1	K,R2	K,R3	K,M1	Tla [m]
1	1.000e+10	1.500e+4	1.500e+4		0.800

Seti gred

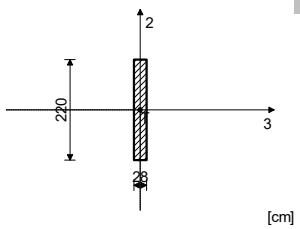
Set: 3 Prerez: b/d=70/80, Fiktivna ekscentričnost

Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	5.600e-1	4.667e-1	4.667e-1	4.351e-2	2.287e-2	2.987e-2



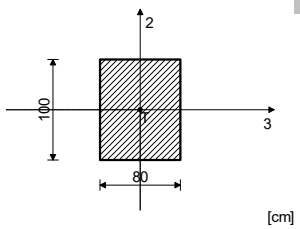
Vhodni podatki - Konstrukcija

Set: 4 Prerez: b/d=28/220, Fiktivna ekscentričnost



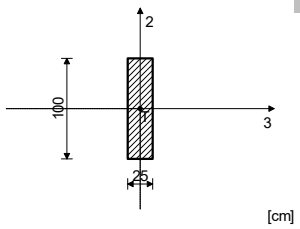
Mat.	A1	A2	A3	I1	I2	I3
2 - Les-Iglavci-L...	6.160e-1	5.133e-1	5.133e-1	1.481e-2	4.025e-3	2.485e-1

Set: 5 Prerez: b/d=80/100, Fiktivna ekscentričnost



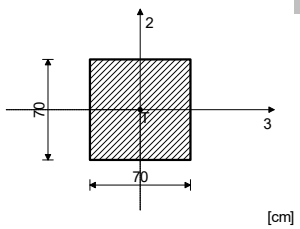
Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	8.000e-1	6.667e-1	6.667e-1	8.759e-2	4.267e-2	6.667e-2

Set: 6 Prerez: b/d=25/100, Fiktivna ekscentričnost



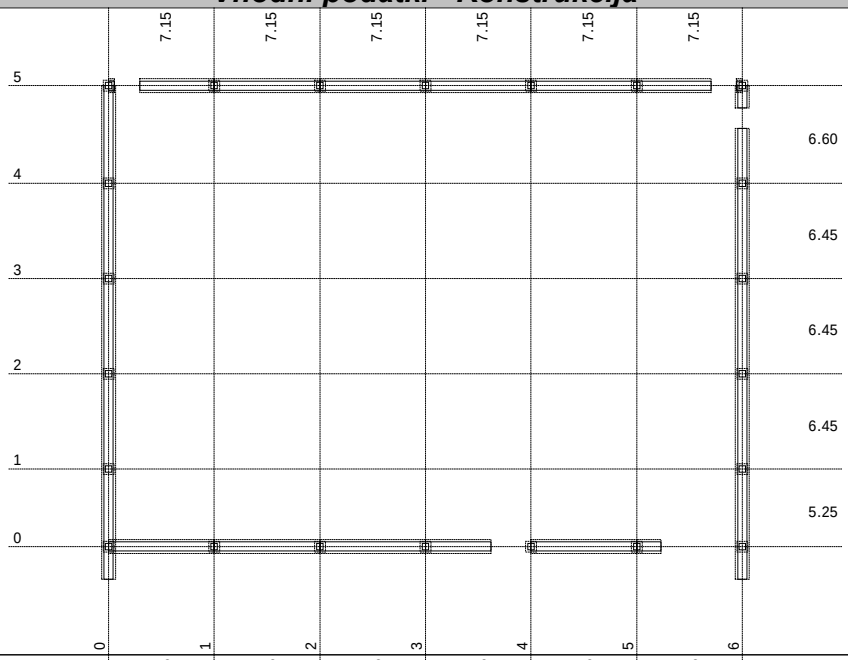
Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	2.500e-1	2.083e-1	2.083e-1	4.388e-3	1.302e-3	2.083e-2

Set: 7 Prerez: b/d=70/70, Fiktivna ekscentričnost

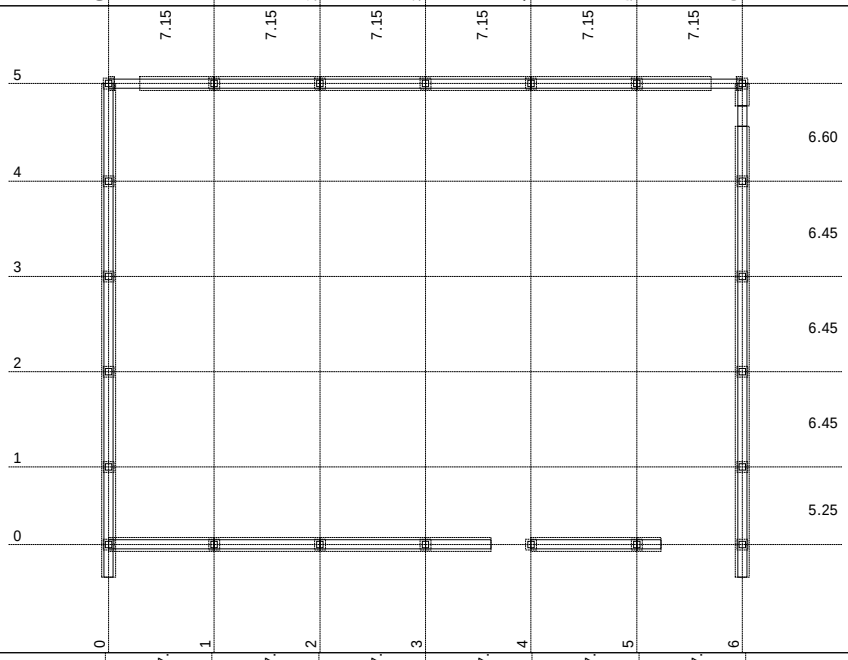


Mat.	A1	A2	A3	I1	I2	I3
1 - C 25/30	4.900e-1	4.083e-1	4.083e-1	3.381e-2	2.001e-2	2.001e-2

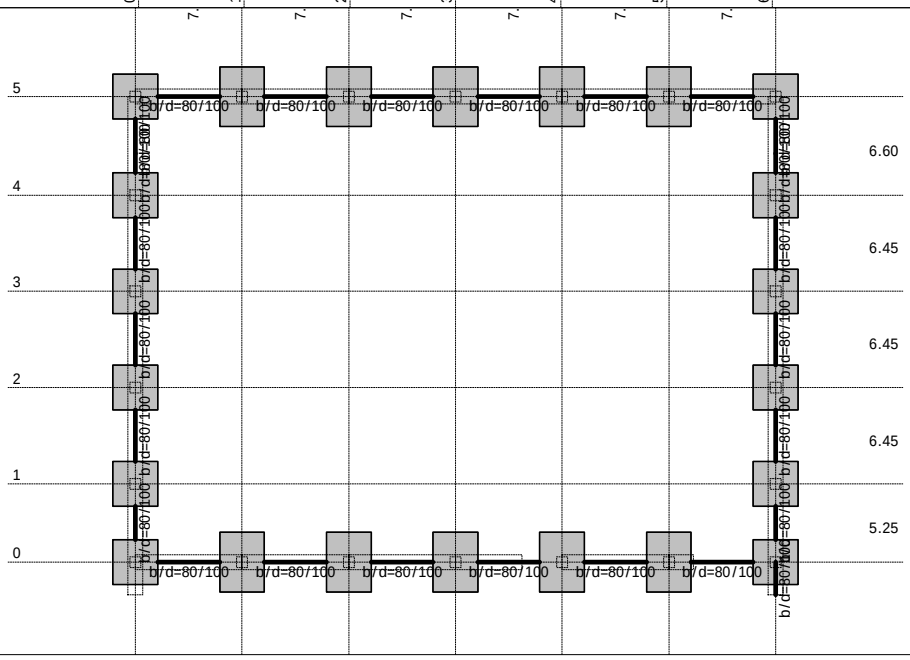
Vhodni podatki - Konstrukcija



Nivo: [0.00 m]

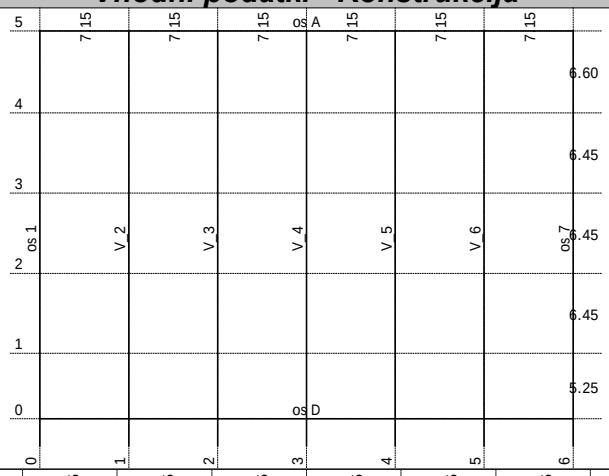


Nivo: [-2.20 m]

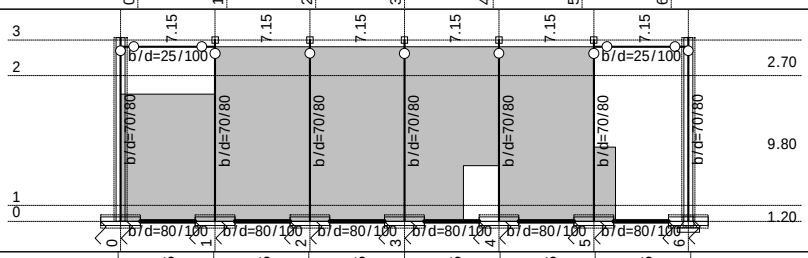


Nivo: [-3.40 m]

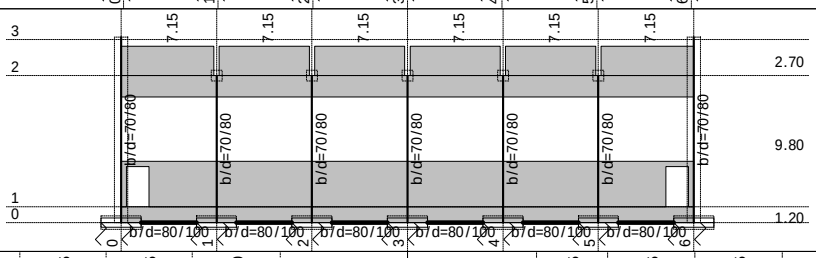
Vhodni podatki - Konstrukcija



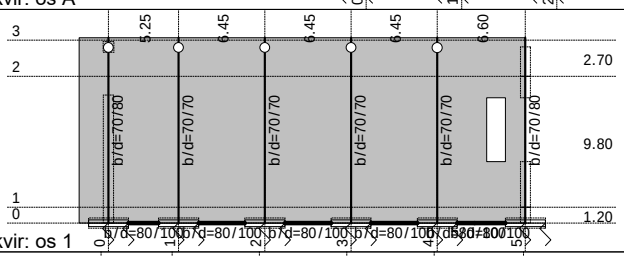
Dispozicija okvirjev



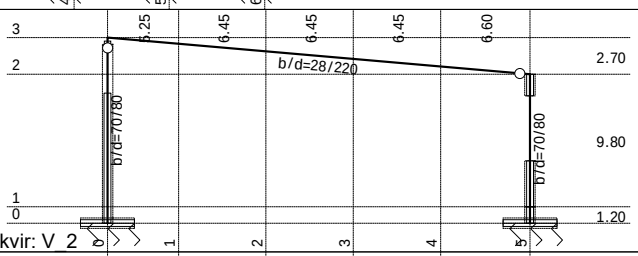
Okvir: os D



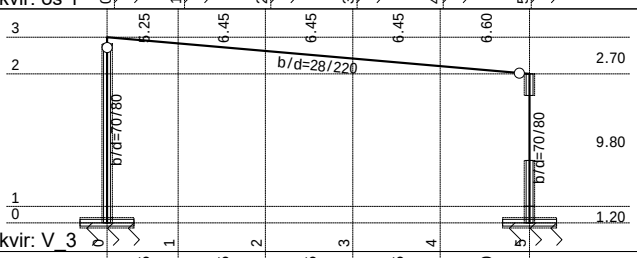
Okvir: os A



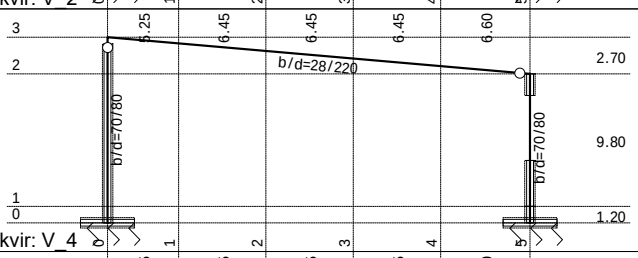
Okvir: os 1



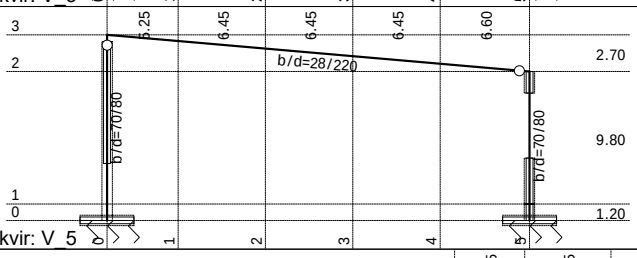
Okvir: V_2



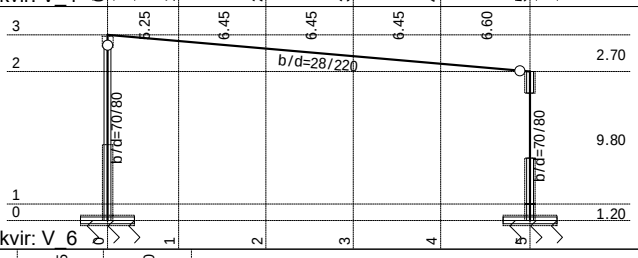
Okvir: V_3



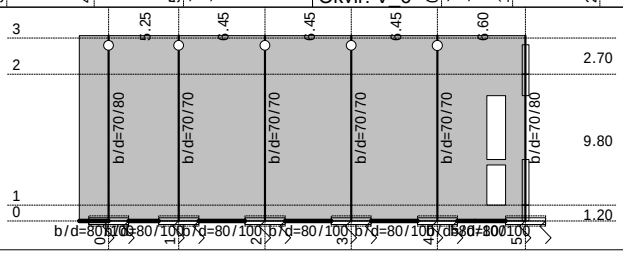
Okvir: V_4



Okvir: V_5



Okvir: V_6



Okvir: os 7

Vhodni podatki - Obtežba

Lista obtežnih primerov

No	Naziv
1	g (lastna+stalna) (g)
2	s (sneg)
3	v (veter)
4	vzdrževanje
5	Px
6	Py
7	Komb.: I+II
8	Komb.: I+III
9	Komb.: I+II+III
10	Komb.: I+IV
11	Komb.: I+II+IV
12	Komb.: 1.35xI+1.5xII+0.9xIII
13	Komb.: 1.35xI+0.75xII+ +1.5xIII
14	Komb.: 1.35xI+1.5xIV
15	Komb.: I+0.2xII+V+0.3xVI
16	Komb.: I+0.2xII+V-0.3xVI
17	Komb.: I+0.2xII-1xV+0.3xVI
18	Komb.: I+0.2xII-1xV-0.3xVI
19	Komb.: I+0.2xII+0.3xV+VI
20	Komb.: I+0.2xII+0.3xV-1xVI
21	Komb.: I+0.2xII-0.3xV+VI
22	Komb.: I+0.2xII-0.3xV-1xVI

Potresna obtežba:

$S_d = a_g\ 2{,}5\ \gamma\ S / q =$ ***0,45***

$a_g = 0{,}20\ g$ Moravče

$\gamma = 1{,}0$ faktor pomembnosti

$S = 1{,}35$ tip tal D - geomehanko poročilo str.6

$q = 1{,}5$ obrnjeno nihalo

Masa objekta za določitev potresne obtežbe:

Leseni strešni paneli = 0,60 kN/m^2

Osvetlitev, koši, razvodi = 0,40 kN/m^2

g = 1,00 kN/m^2

Razmik med nosilci e = 7,15 m g´ = 1,00 kN/m^{2}x 7,15 m = 7,15 kN/m^1

Lastna teža nosilca g_{LT} = 0,28 m x 2,2 m x 5 kN/m^3 = 3,08 kN/m^1

Potresna obtežba na vrhu stebra (od strehe):

P = (7,15 kN/m + 3,08 kN/m) x (31,2 m/ 2) x 0,45 = **72 kN**

Stebri - linijsko

p´ = (0,7 m x 0,8 m x 25 kN/m^3) x 0,45 = **6,30 kN/m^1** ... po višini stebra

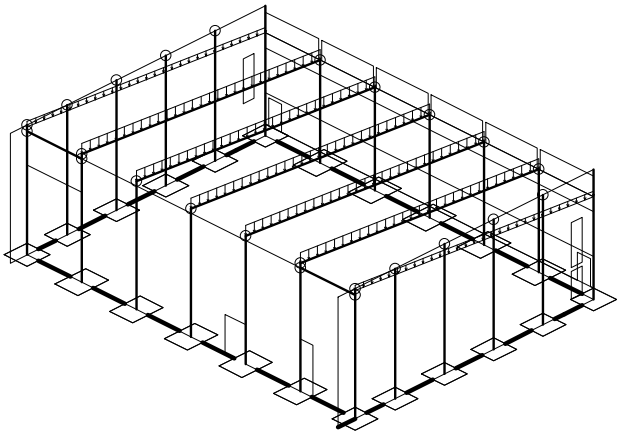
p´ = (0,7 m x 0,7 m x 25 kN/m^3) x 0,45 = **5,51 kN/m^1** ... po višini stebra

Stene -površinsko

p_{stene} =(0,25 m 25 kN/m^3) x 0,6 = 2,81 kN/m^2

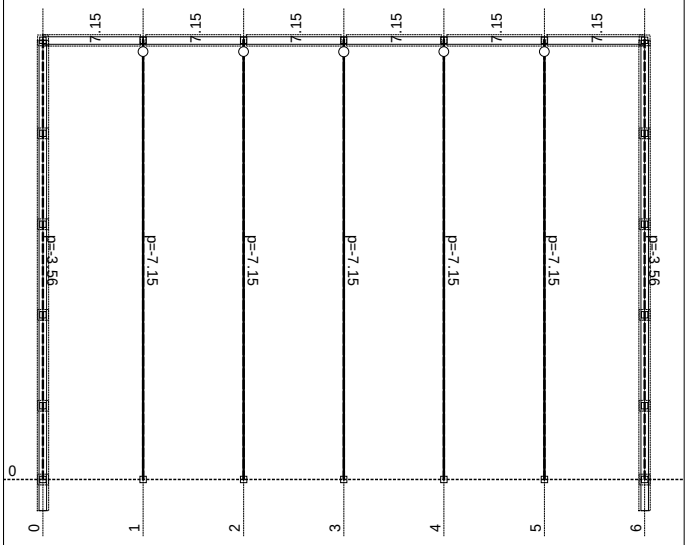
Vhodni podatki - Obtežba

Obt. 1: g (lastna+stalna) (g)



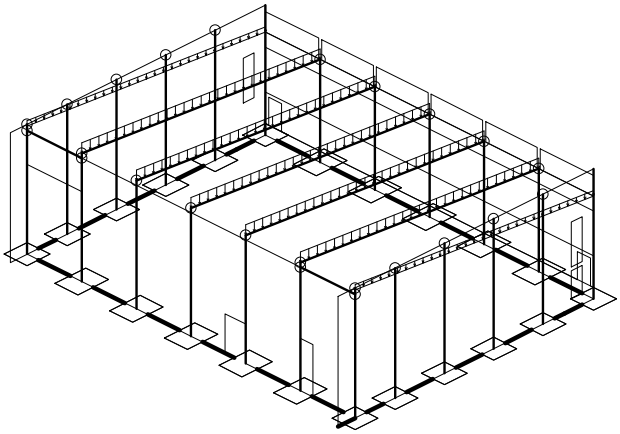
Izometrija

Obt. 1: g (lastna+stalna) (g)



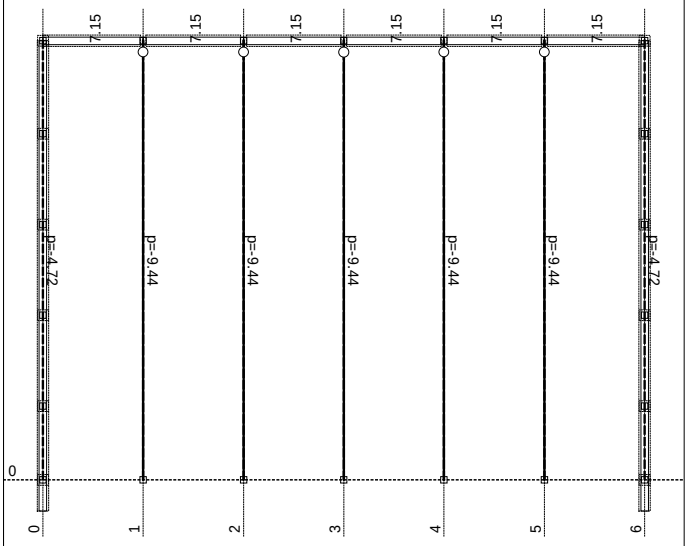
Pogled: streha

Obt. 2: s (sneg)



Izometrija

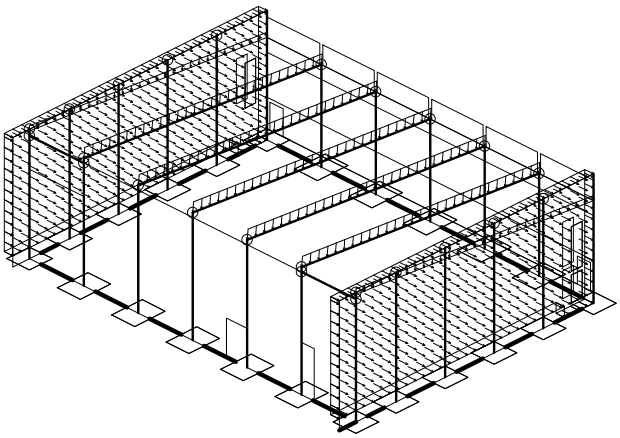
Obt. 2: s (sneg)



Pogled: streha

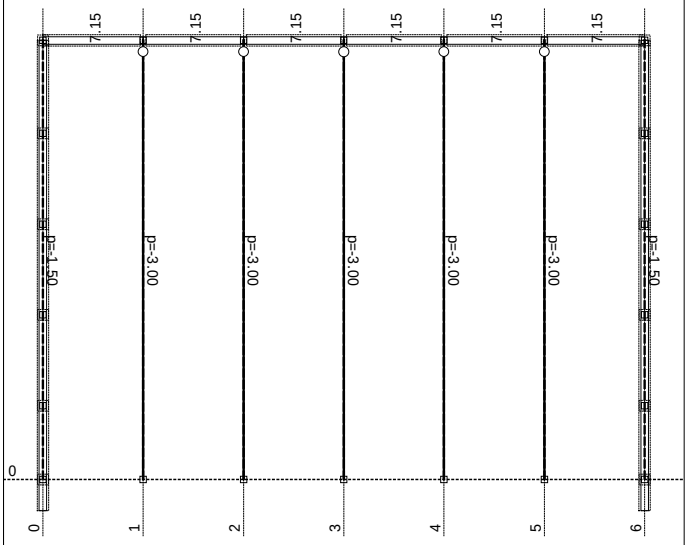
Vhodni podatki - Obtežba

Obt. 3: v (veter)



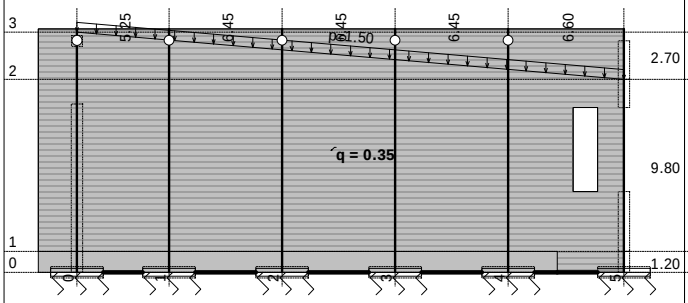
Izometrija

Obt. 3: v (veter)



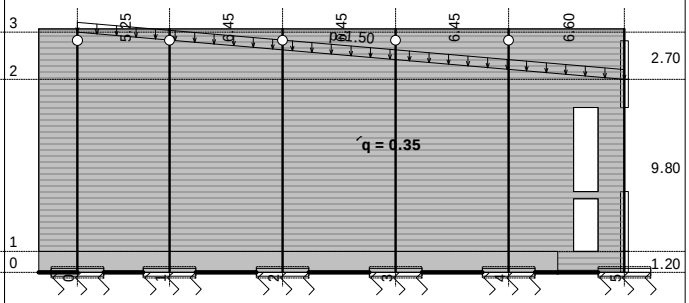
Pogled: streha

Obt. 3: v (veter)



Okvir: V_1

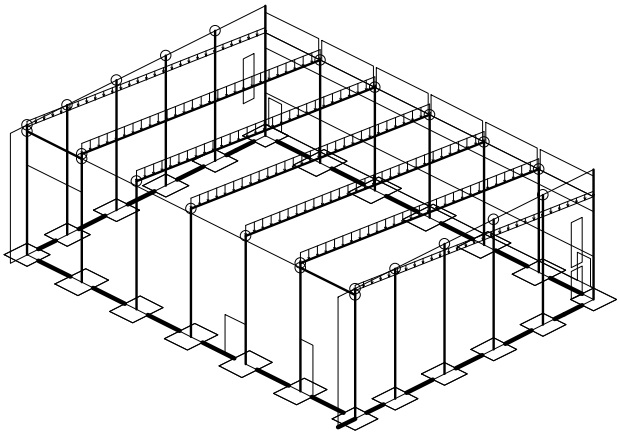
Obt. 3: v (veter)



Okvir: V_7

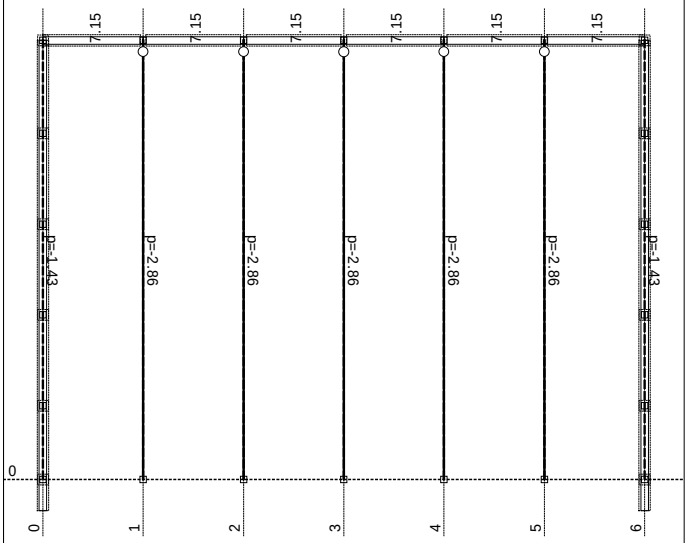
Vhodni podatki - Obtežba

Obt. 4: vzdrževanje



Izometrija

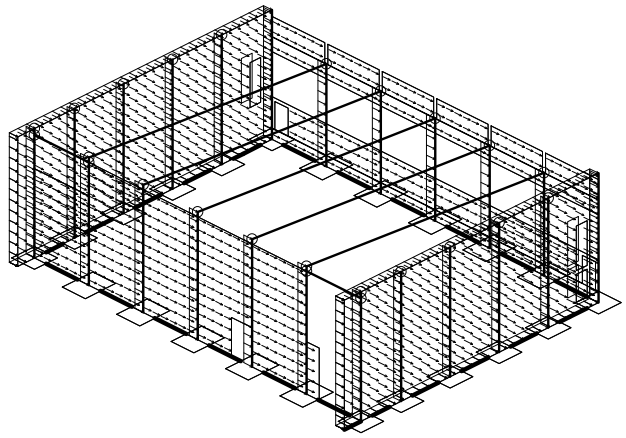
Obt. 4: vzdrževanje



Pogled: streha

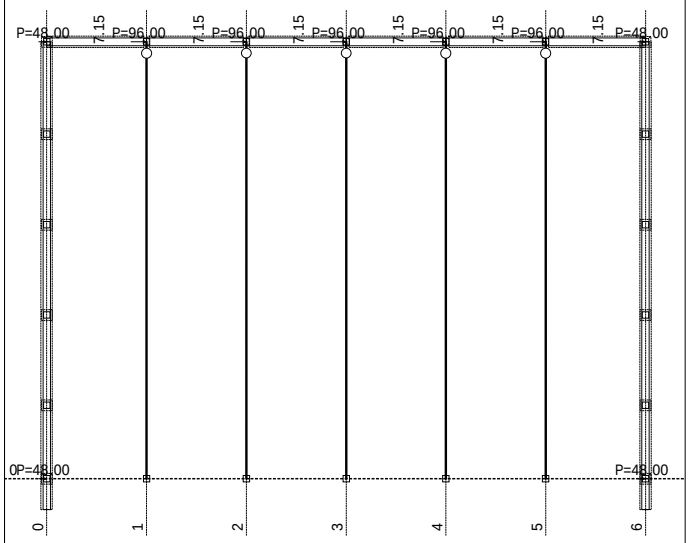
Vhodni podatki - Obtežba

Obt. 5: Px



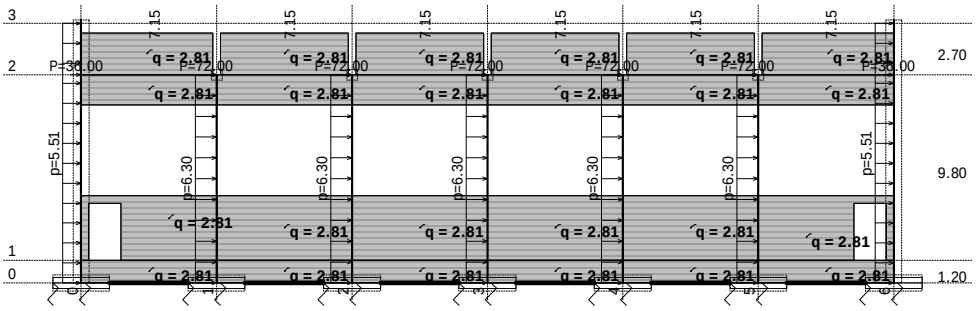
Izometrija

Obt. 5: Px



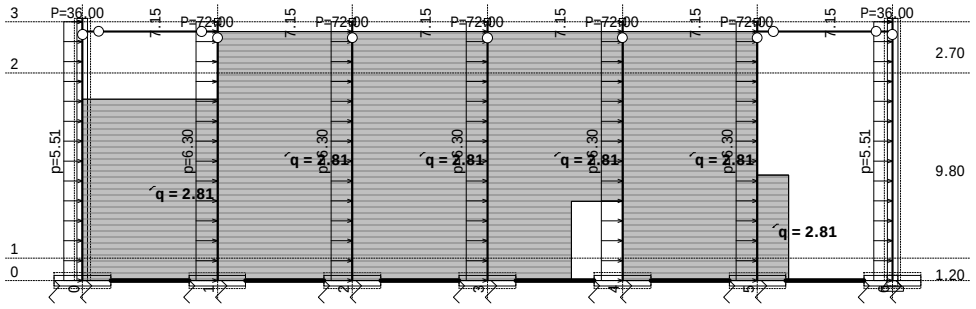
Pogled: streha

Obt. 5: Px



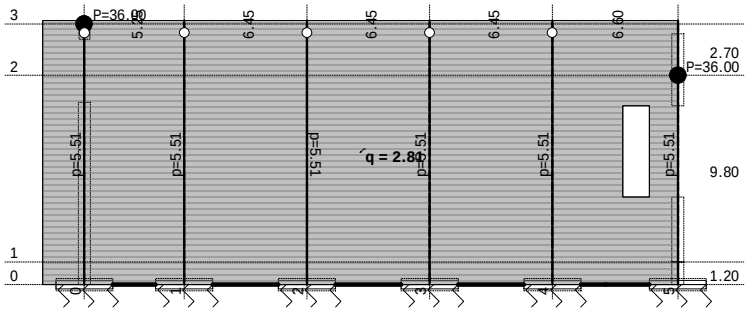
Okvir: H_1

Obt. 5: Px



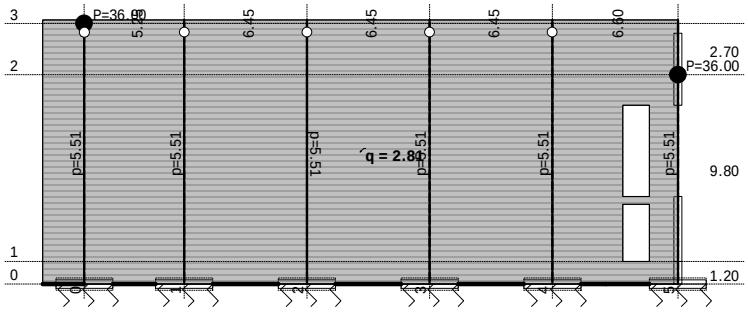
Okvir: H_2

Obt. 5: Px



Okvir: V_1

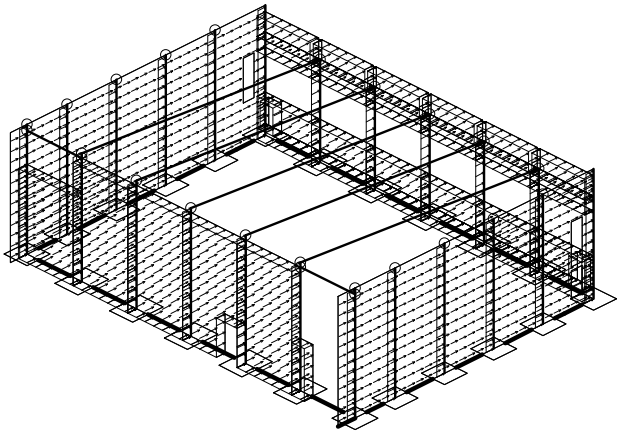
Obt. 5: Px



Okvir: V_7

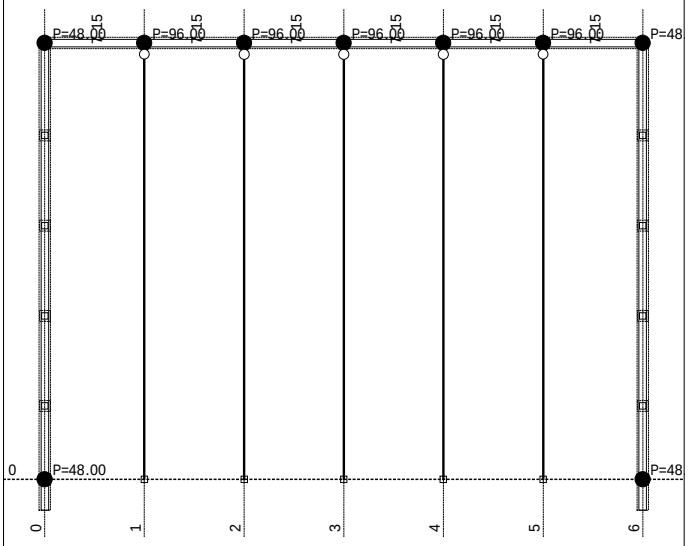
Vhodni podatki - Obtežba

Obt. 6: Py



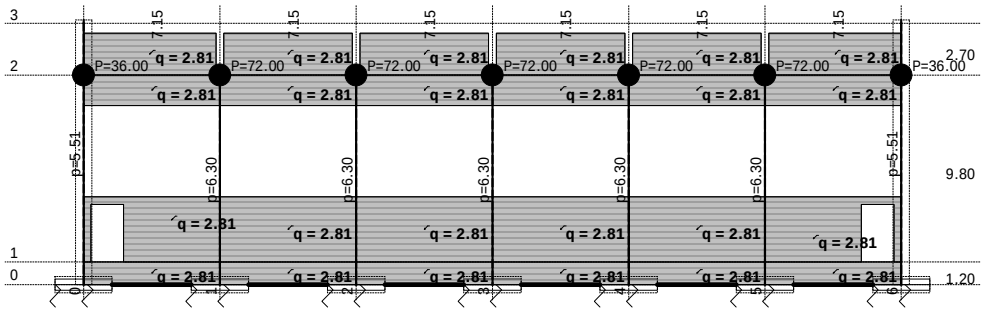
Izometrija

Obt. 6: Py



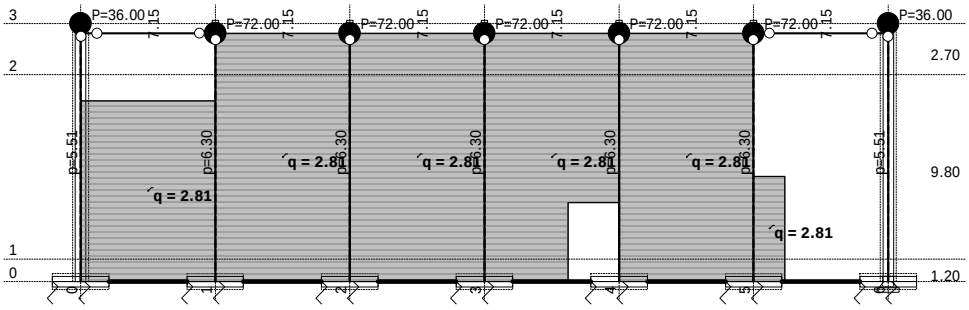
Pogled: streha

Obt. 6: Py



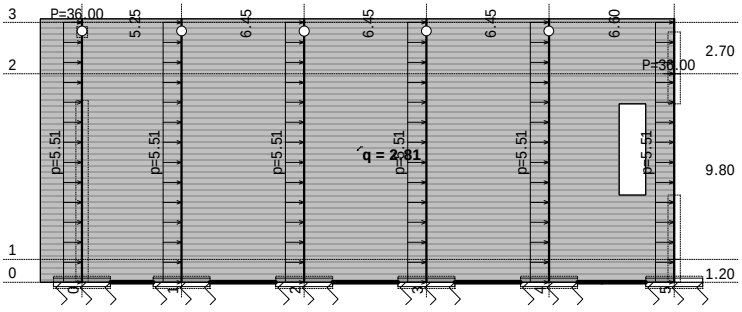
Okvir: H_1

Obt. 6: Py



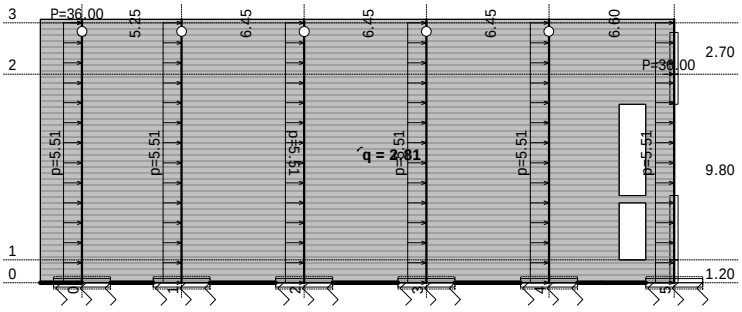
Okvir: H_2

Obt. 6: Py



Okvir: V_1

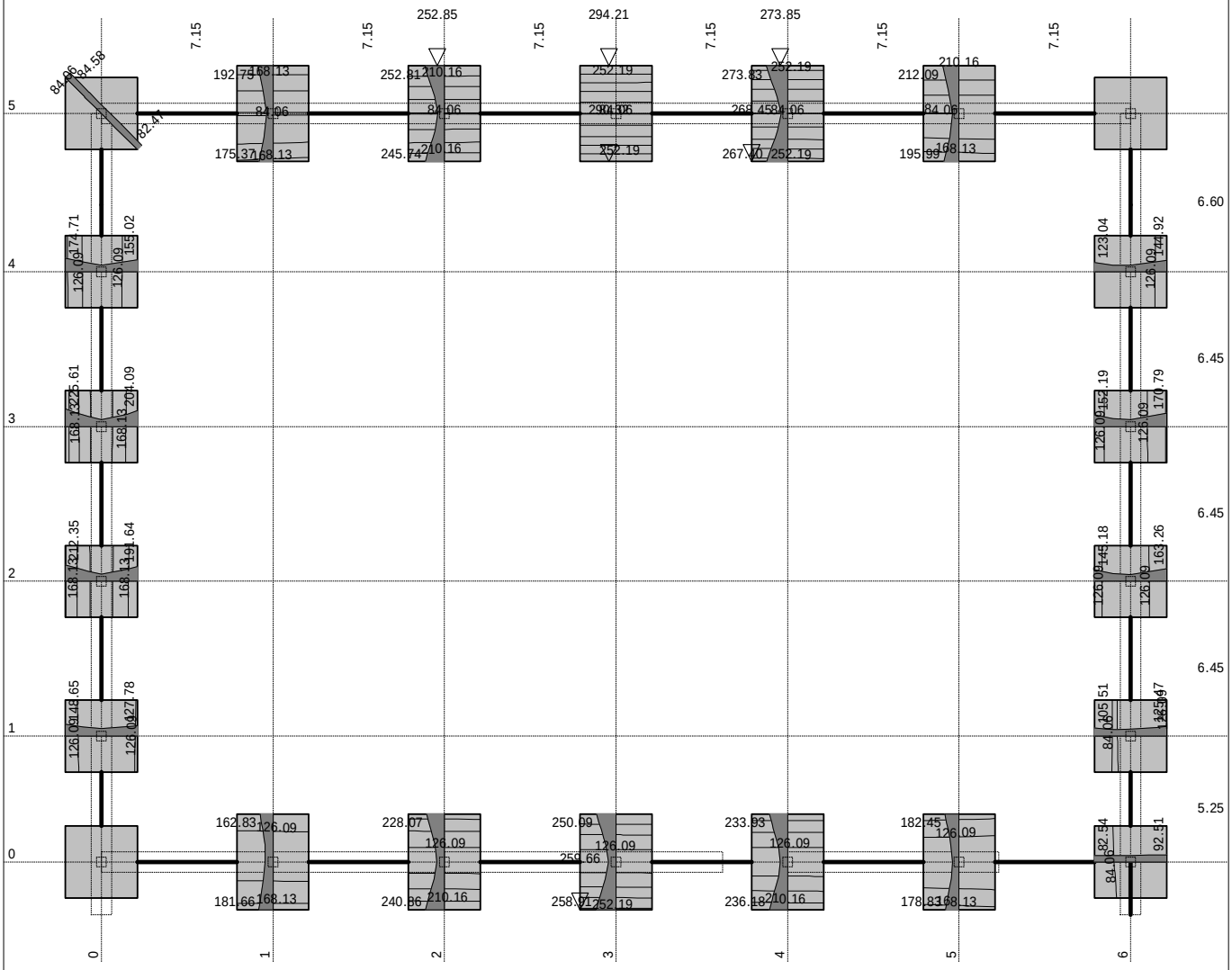
Obt. 6: Py



Okvir: V_7

Statični preračun

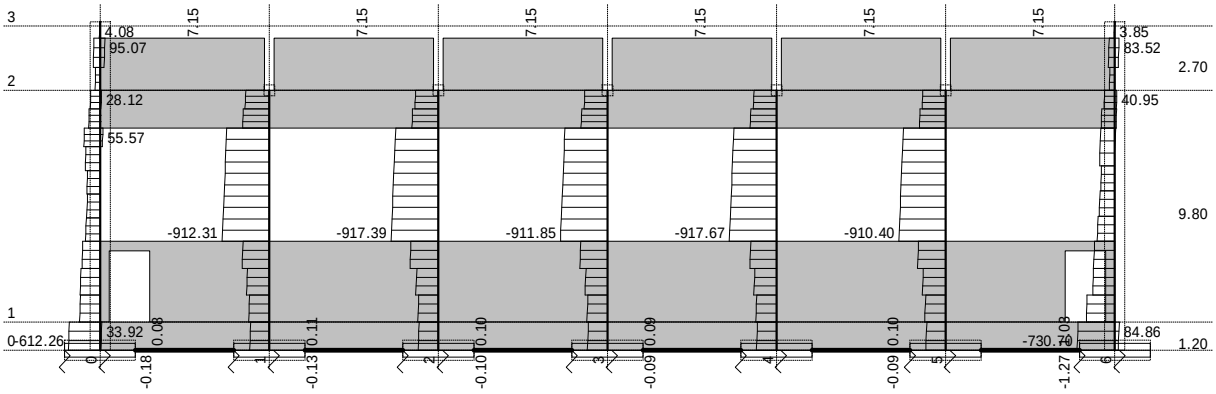
Obt. 24: [MSN] 12-22



Nivo: [-3.40 m]
Vplivi v pov.podpori: max σ,tal= 294.21 / min σ,tal= 0.00 kN/m2

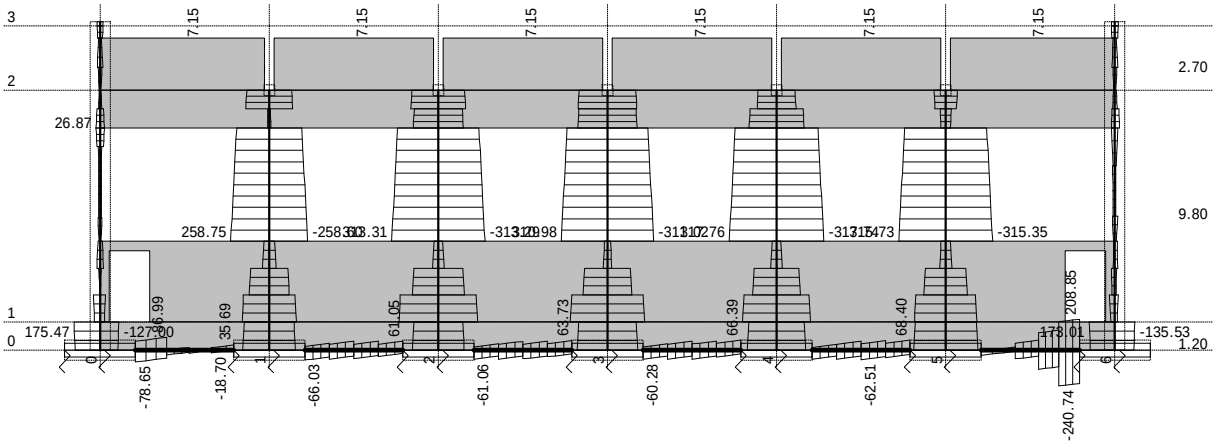
OS A

Obt. 31: [MSN] 12-22



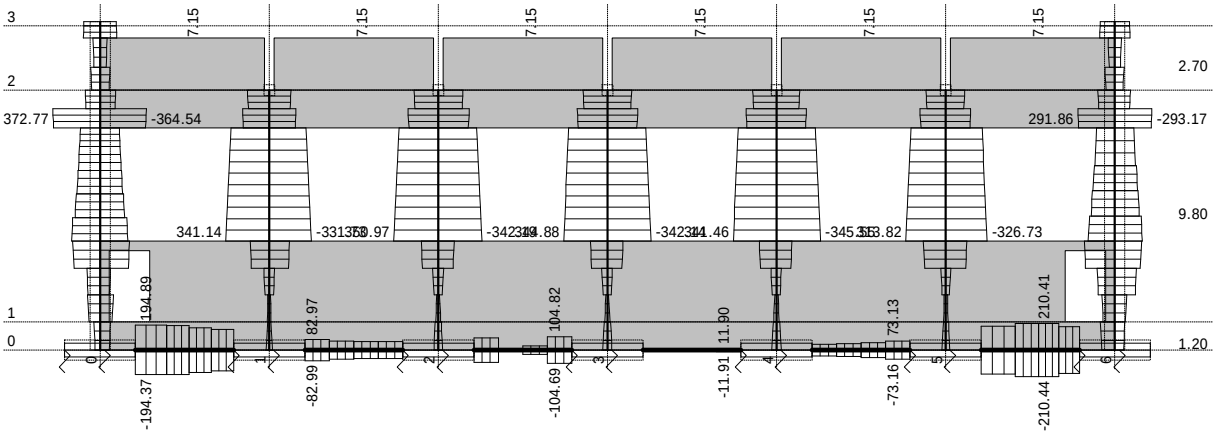
Okvir: H_1
Vplivi v gredi: max N1= 95.07 / min N1= -917.67 kN

Obt. 31: [MSN] 12-22



Okvir: H_1
Vplivi v gredi: max T2= 317.76 / min T2= -317.74 kN

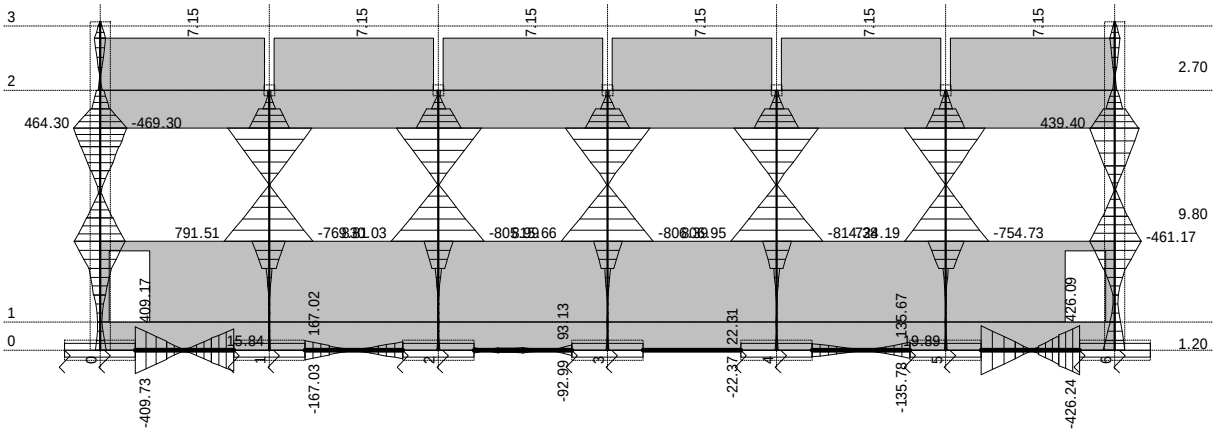
Obt. 31: [MSN] 12-22



Okvir: H_1
Vplivi v gredi: max T3= 372.77 / min T3= -364.54 kN

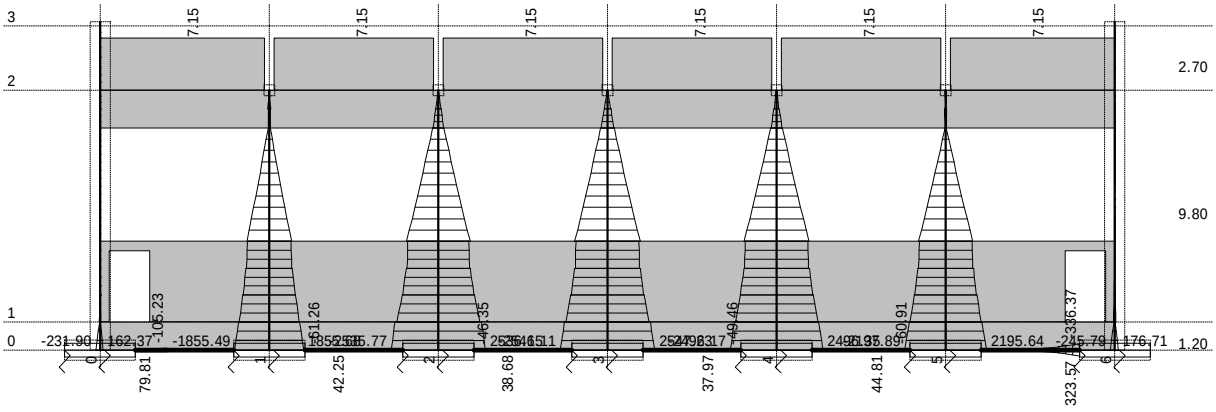
OS A

Obt. 31: [MSN] 12-22



Okvir: H_1
Vplivi v gredi: max M2= 830.03 / min M2= -814.38 kNm

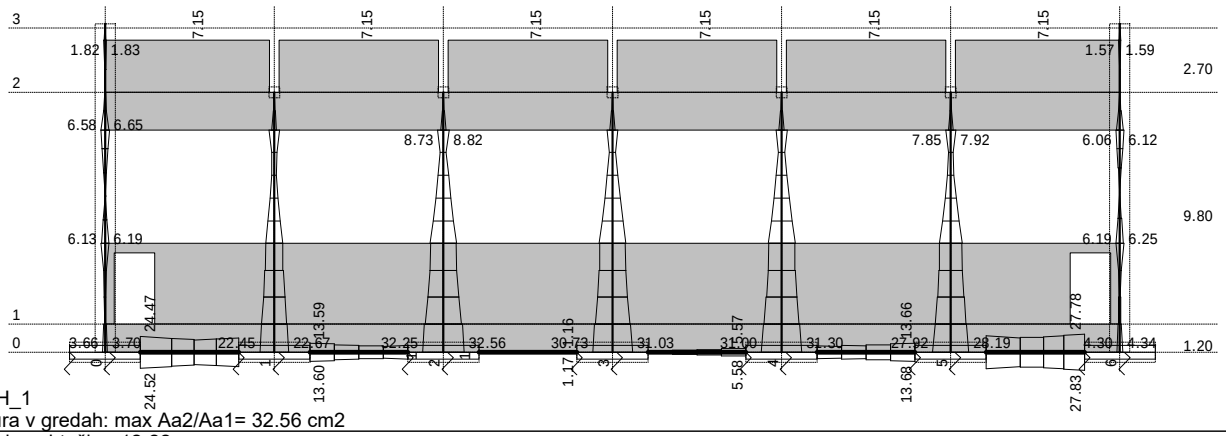
Obt. 31: [MSN] 12-22



Okvir: H_1
Vplivi v gredi: max M3= 2547.23 / min M3= -2546.11 kNm

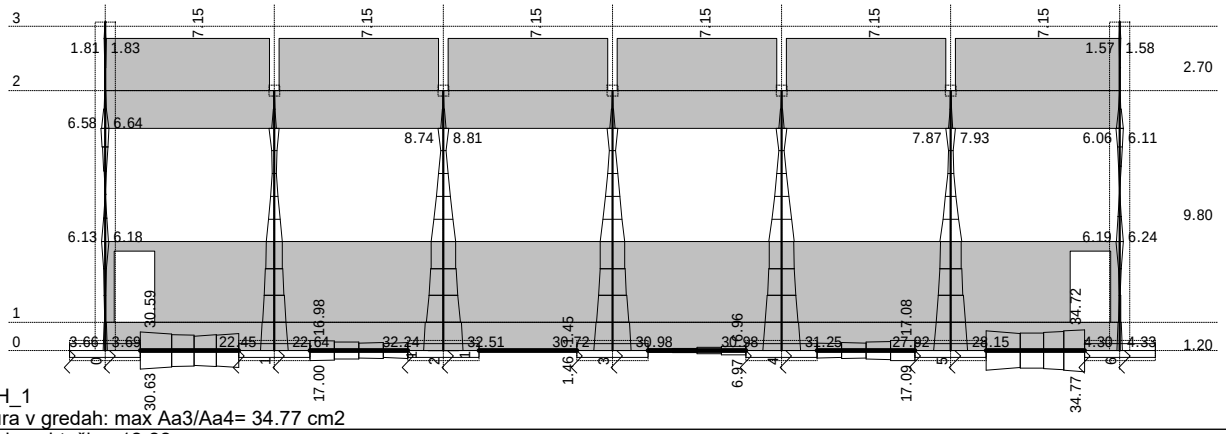
OS A

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 30, S500H



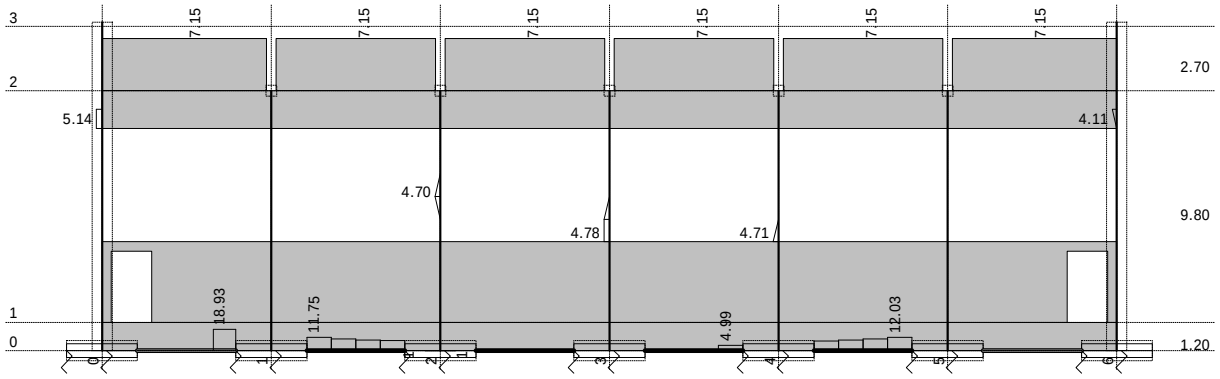
Okvir: H_1
Armatura v gredah: max Aa2/Aa1= 32.56 cm2

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 30, S500H



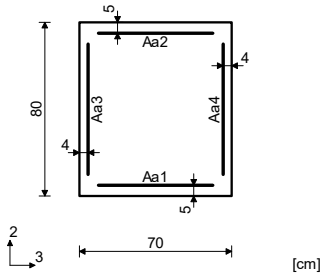
Okvir: H_1
Armatura v gredah: max Aa3/Aa4= 34.77 cm2

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 30, S500H



Okvir: H_1
Armatura v gredah: max Aa,st= 18.93 cm2

Greda 1619-1340
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje skupine obtežnih primerov: 12-22



li,2 = 11.00 m (λ2 = 54.44)
li,3 = 11.00 m (λ3 = 47.63)
Nepomična konstrukcija

Prerez 1-1 x = 11.00m
Merodajna kombinacija za upogib:
1.00xI+0.20xII+0.30xV-1.00xVI
N1u = -164.23 kN
M2u = 3.16 kNm
M3u = 1875.11 kNm

Merodajna kombinacija za torzijo:
1.00xI+0.20xII+0.30xV+1.00xVI
M1u = 1.63 kNm

Merodajna kombinacija za strig:
1.00xI+0.20xII+0.30xV+1.00xVI
T2u = 121.14 kN
T3u = 10.95 kN
M1u = 1.63 kNm

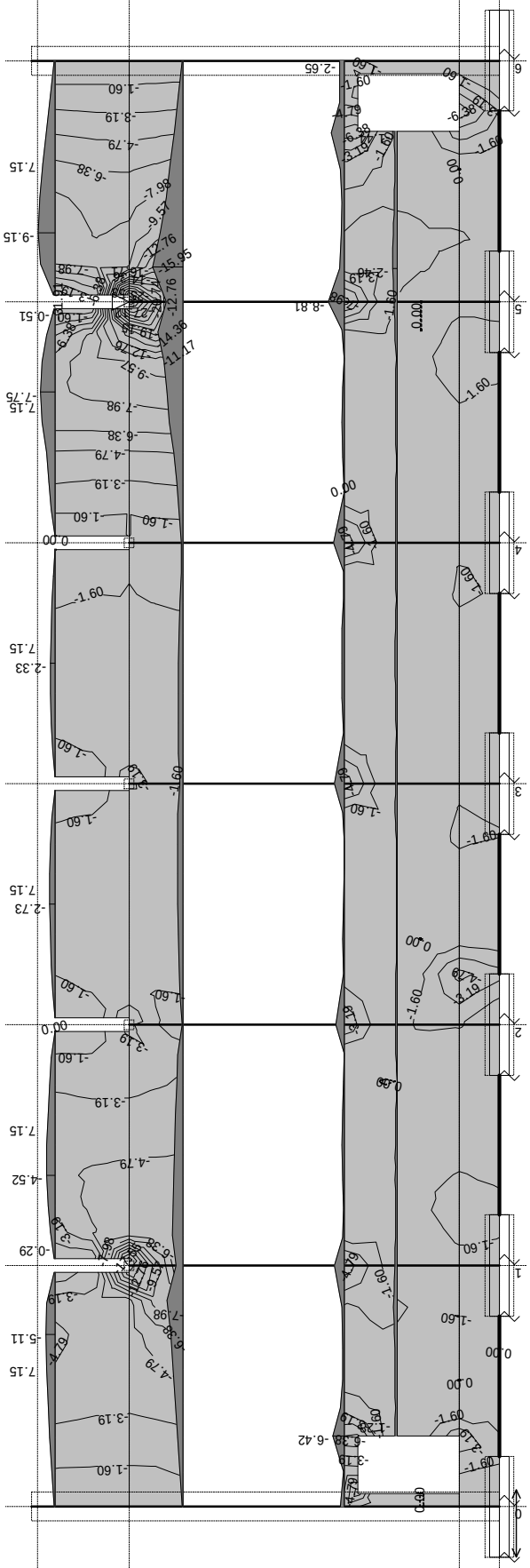
εb/εa = -3.500/10.121 ‰

Aa1 =	32.53	+	0.03`	=	32.56 cm2	
Aa2 =	32.22	+	0.03`	=	32.25 cm2	
Aa3 =	32.48	+	0.03`	=	32.51 cm2	
Aa4 =	32.21	+	0.03`	=	32.24 cm2	
Aa,st =	0.00 cm2/m					(m=2)

`) - dodatna vzdolžna armatura za prevzem torzije.

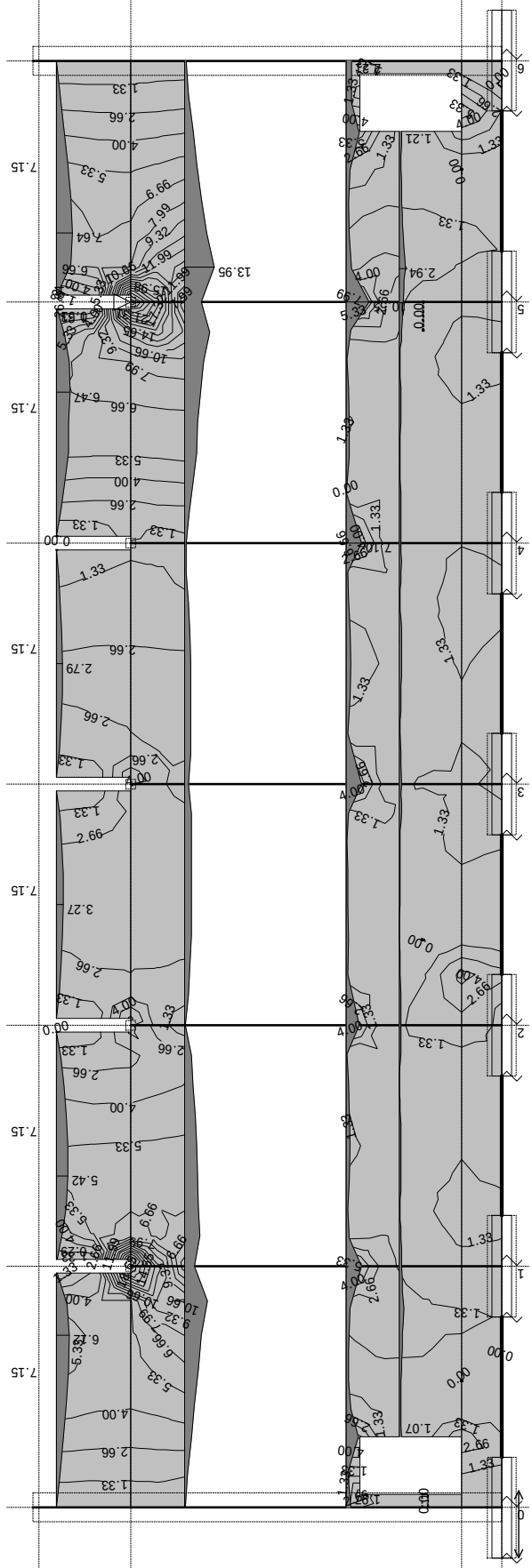
OS A

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: H_1
Aa - zgornja - Smer 1 - max Aa1,z= -31.91 cm2/m

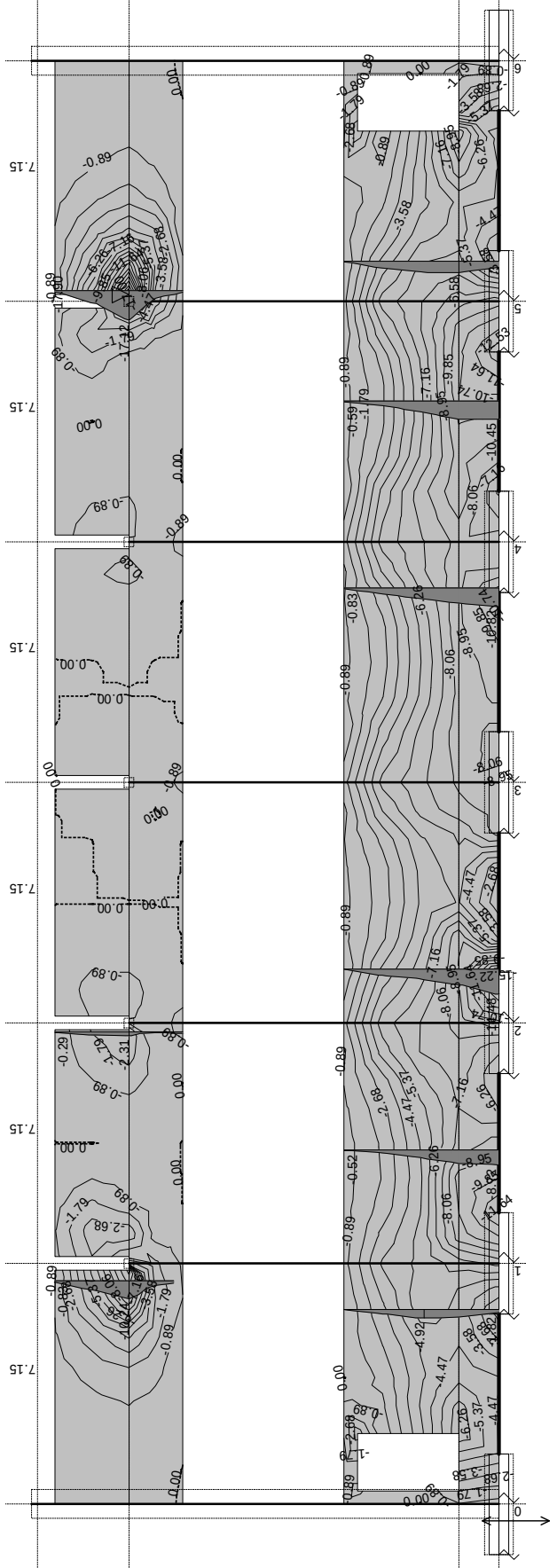
Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: H_1
Aa - spodnja - Smer 1 - max Aa1,s= 26.64 cm2/m

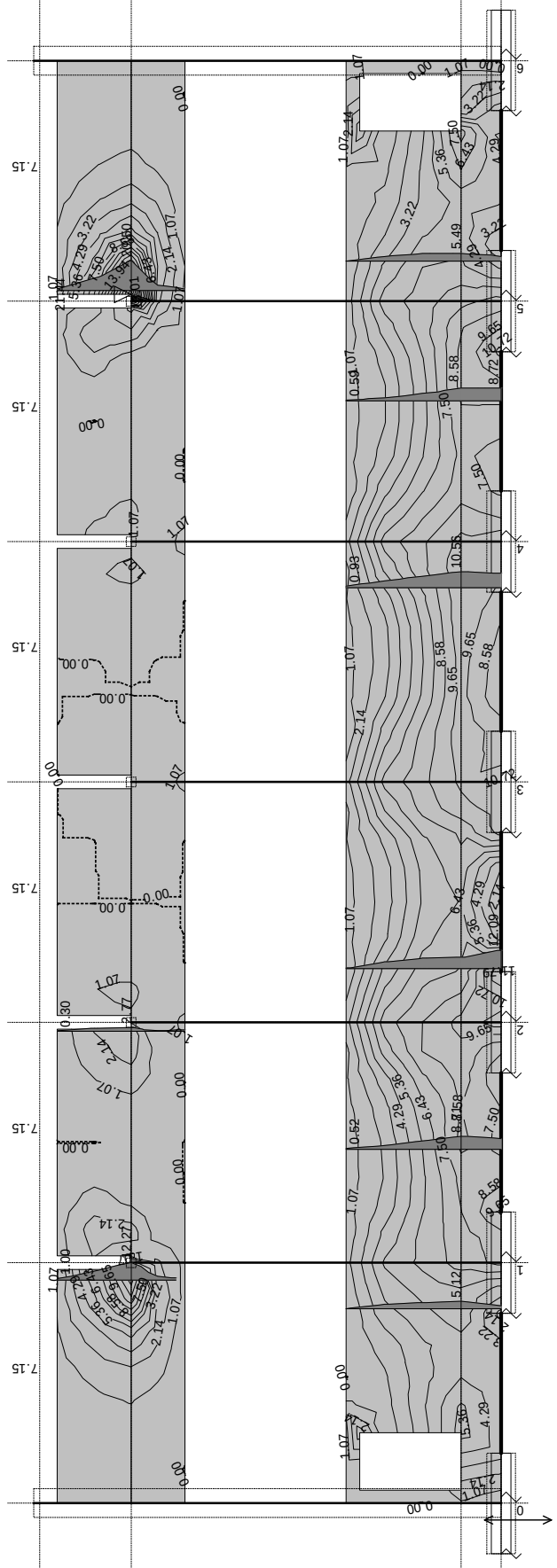
OS A

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: H_1
Aa - zgcona - Smer 2 - max Aa2,z= -17.90 cm2/m

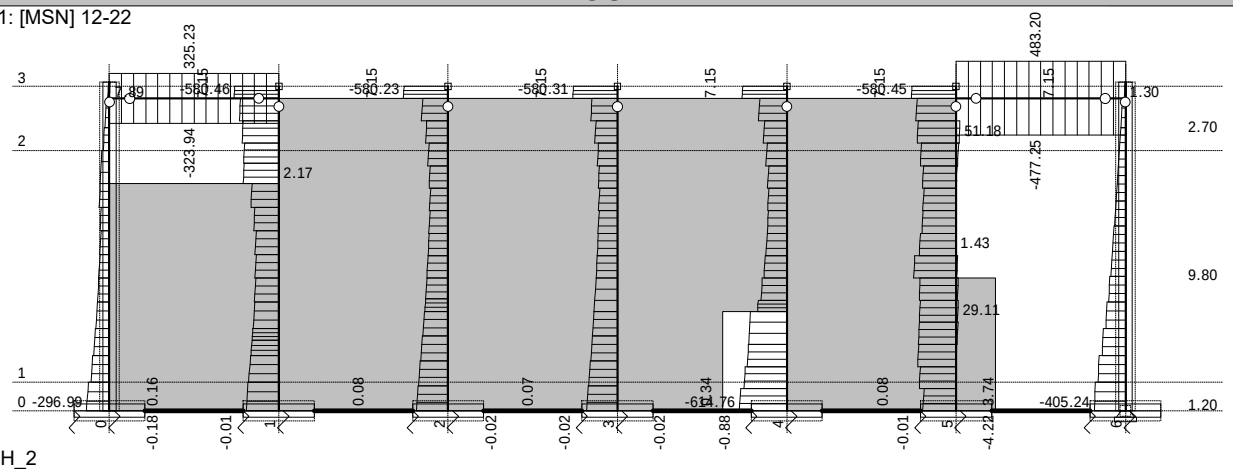
Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: H_1
Aa - spcona - Smer 2 - max Aa2,s= 21.44 cm2/m

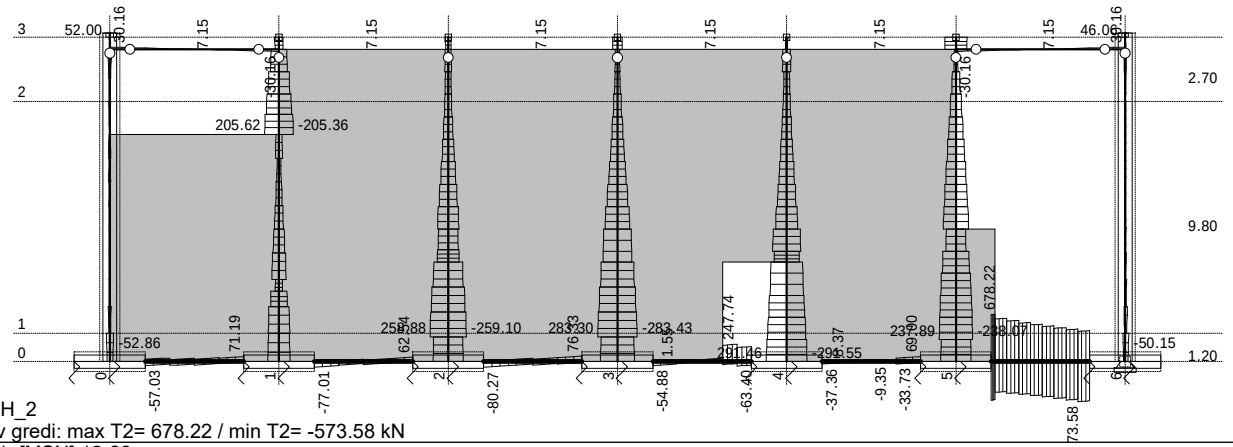
OS D

Obt. 31: [MSN] 12-22



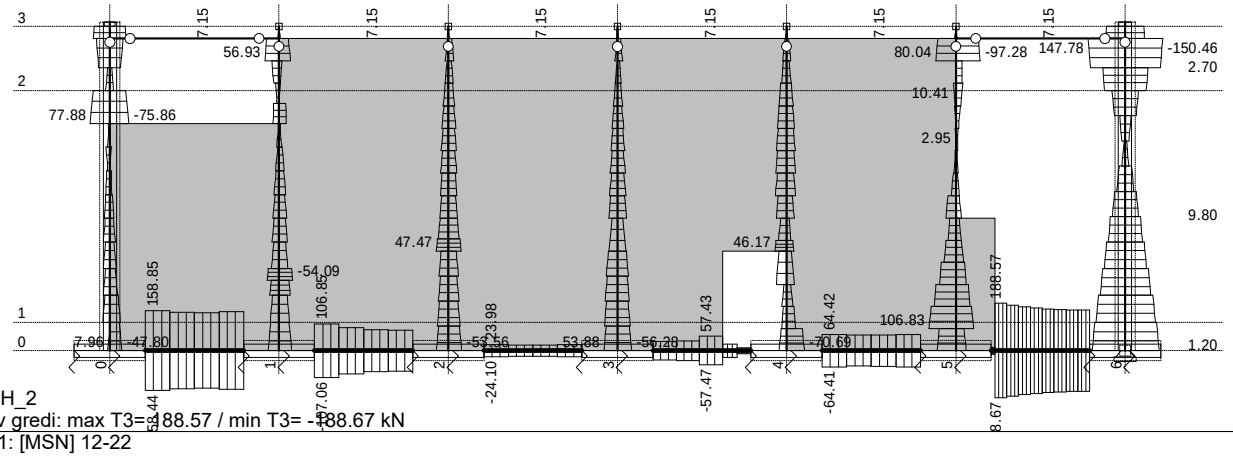
Okvir: H_2
Vplivi v gredi: max N1= 483.20 / min N1= -614.76 kN

Obt. 31: [MSN] 12-22



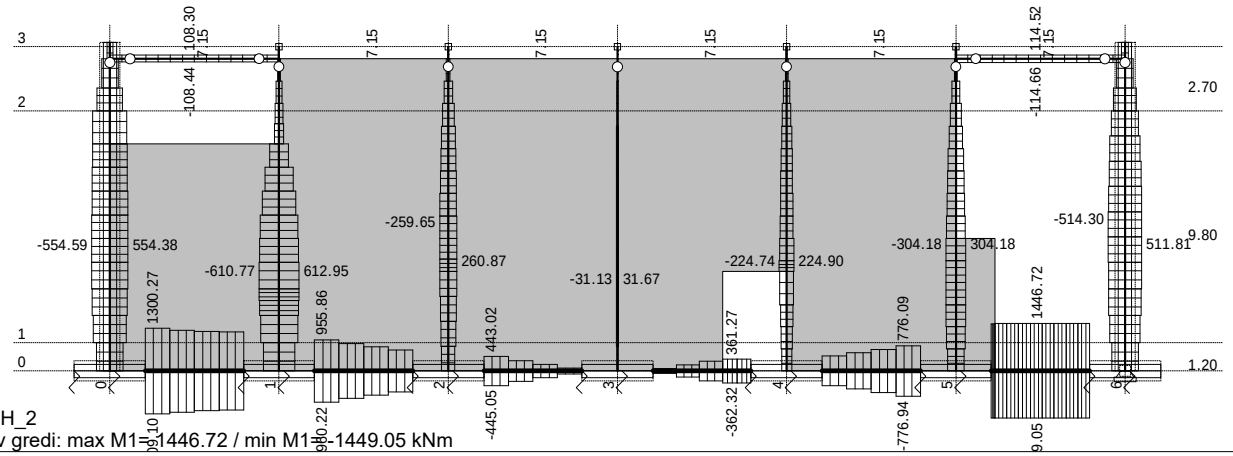
Okvir: H_2
Vplivi v gredi: max T2= 678.22 / min T2= -573.58 kN

Obt. 31: [MSN] 12-22



Okvir: H_2
Vplivi v gredi: max T3= 188.57 / min T3= -188.67 kN

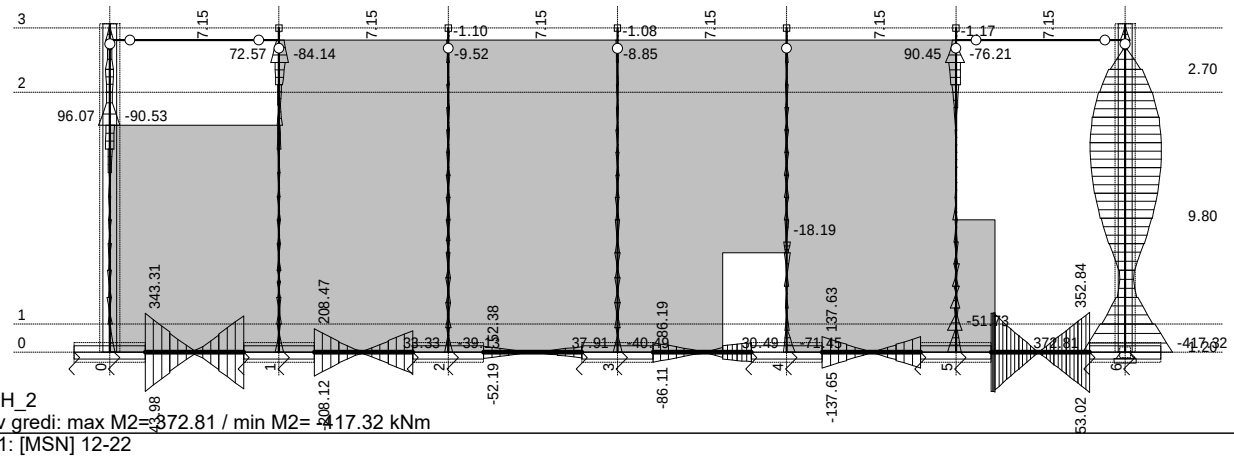
Obt. 31: [MSN] 12-22



Okvir: H_2
Vplivi v gredi: max M1= 1446.72 / min M1= -1449.05 kNm

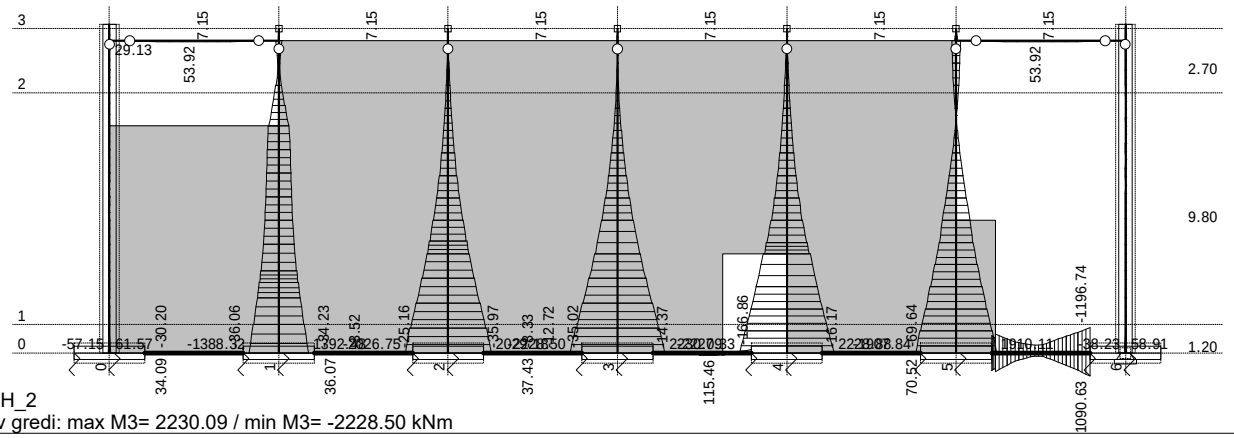
OS D

Obt. 31: [MSN] 12-22



Okvir: H_2
Vplivi v gredi: max M2= 372.81 / min M2= -417.32 kNm

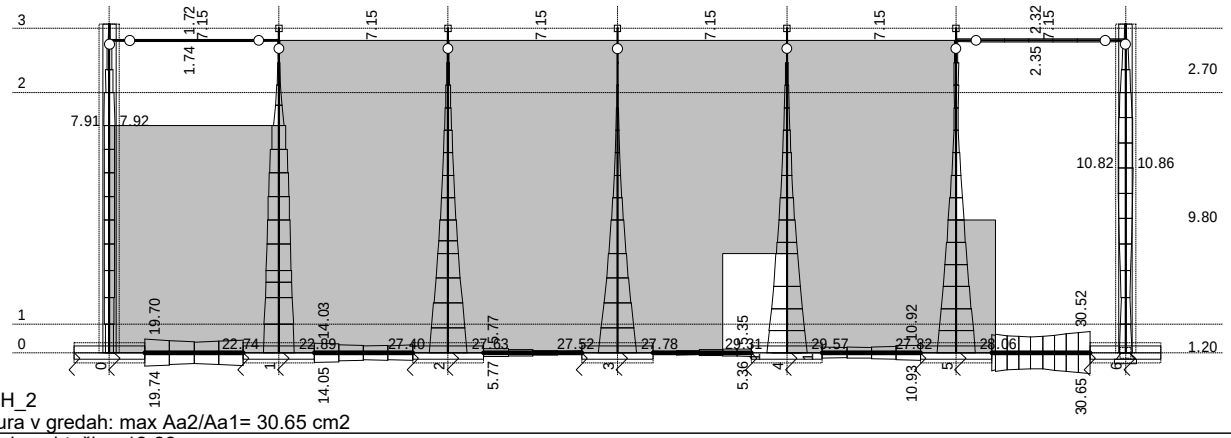
Obt. 31: [MSN] 12-22



Okvir: H_2
Vplivi v gredi: max M3= 2230.09 / min M3= -2228.50 kNm

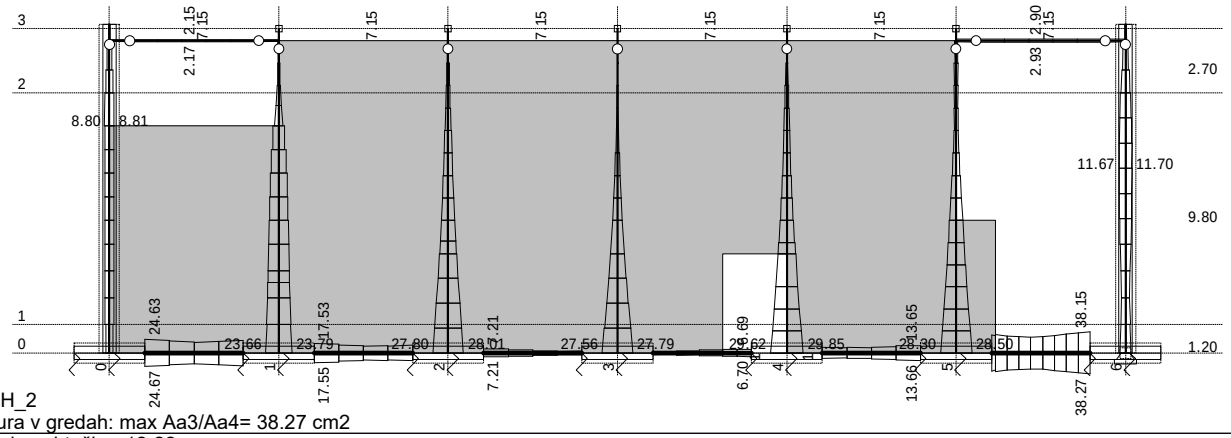
OS D

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 30, S500H



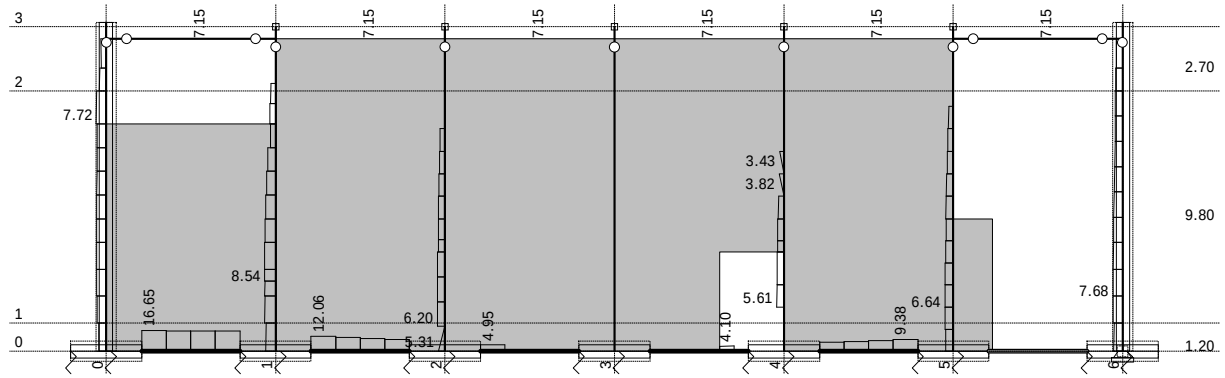
Okvir: H_2
Armatura v gredah: max Aa2/Aa1= 30.65 cm2

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 30, S500H



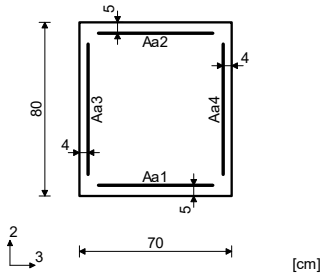
Okvir: H_2
Armatura v gredah: max Aa3/Aa4= 38.27 cm2

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 30, S500H



Okvir: H_2
Armatura v gredah: max Aa,st= 16.65 cm2

Greda 1244-753
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje skupine obtežnih primerov: 12-22



li,2 = 13.70 m (λ2 = 67.80)
li,3 = 13.70 m (λ3 = 59.32)
Nepomična konstrukcija

Prerez 1-1 x = 13.70m
Merodajna kombinacija za upogib:
1.00xI+0.20xII+0.30xV+1.00xVI
N1u = -271.74 kN
M2u = -6.58 kNm
M3u = -1619.16 kNm

Merodajna kombinacija za torzijo:
1.00xI+0.20xII+0.30xV-1.00xVI
M1u = 150.54 kNm

Merodajna kombinacija za strig:
1.00xI+0.20xII-0.30xV-1.00xVI
T2u = -217.27 kN
T3u = -40.01 kN
M1u = 149.02 kNm

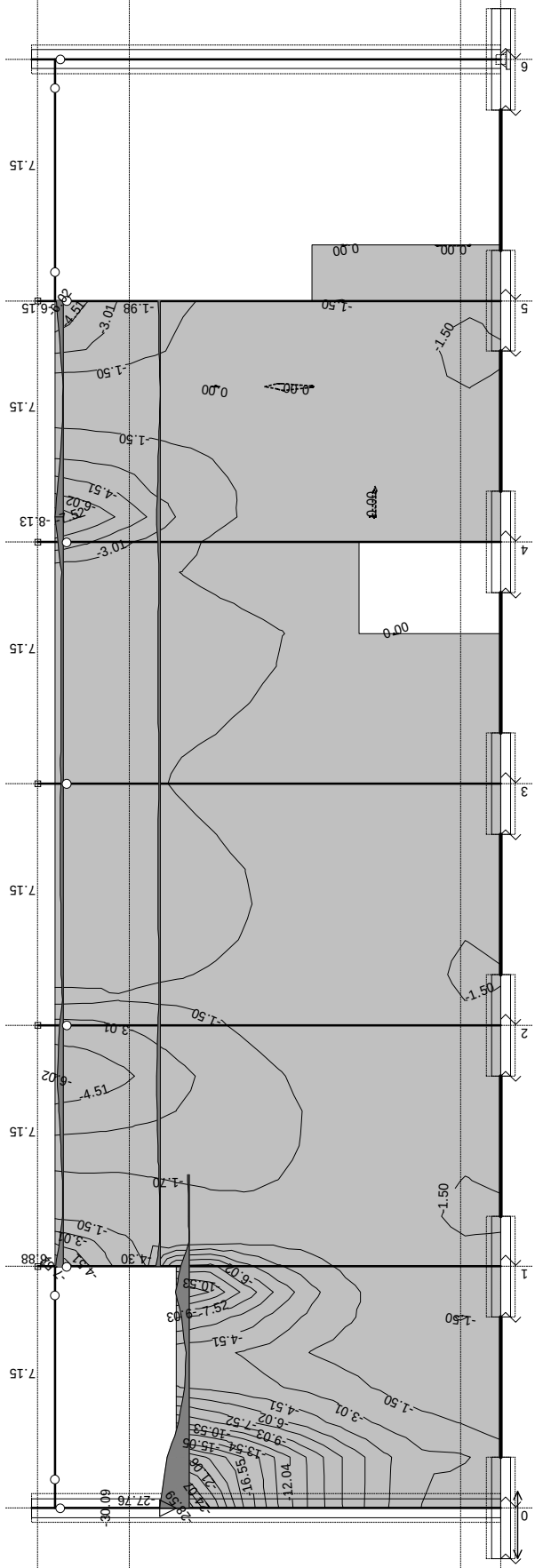
εb/εa = -3.500/10.985 ‰

Aa1 =	27.10	+	2.47`	=	29.57 cm2
Aa2 =	26.84	+	2.47`	=	29.31 cm2
Aa3 =	27.05	+	2.79`	=	29.85 cm2
Aa4 =	26.83	+	2.79`	=	29.62 cm2
Aa,st =	0.00 cm2/m				(m=2)

`) - dodatna vzdolžna armatura za prevzem torzije.

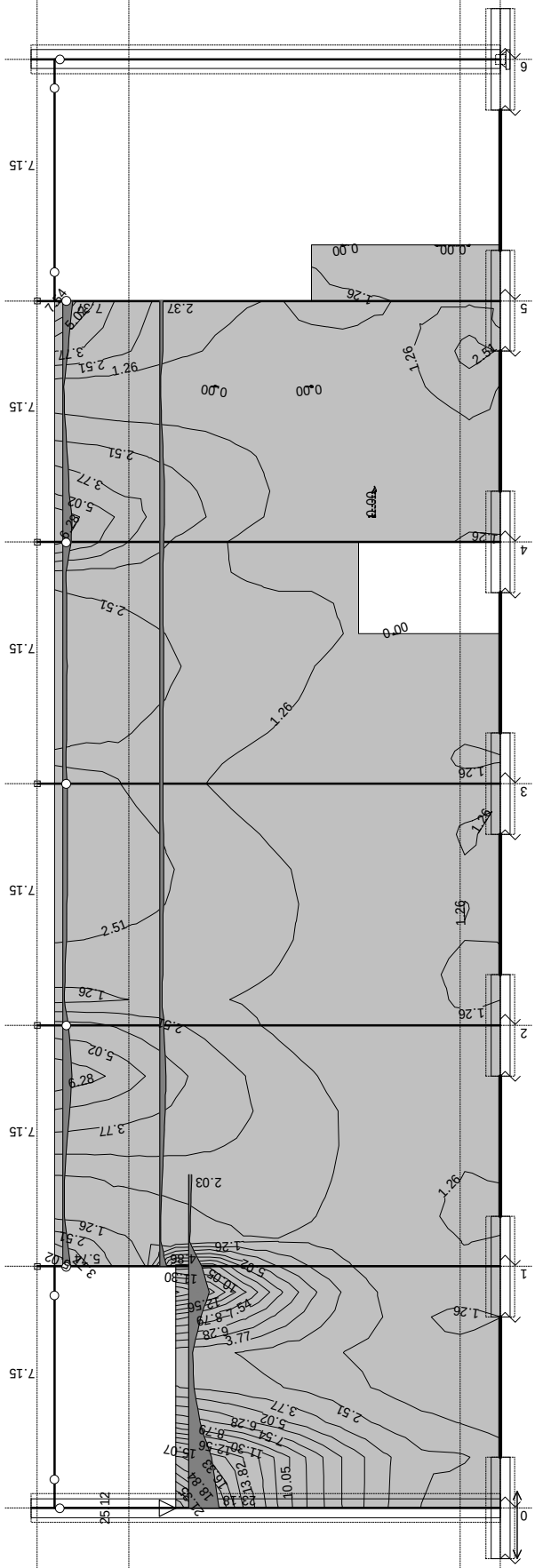
OS D

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: H_2
Aa - zgcona - Smer 1 - max Aa1,z= -30.09 cm2/m

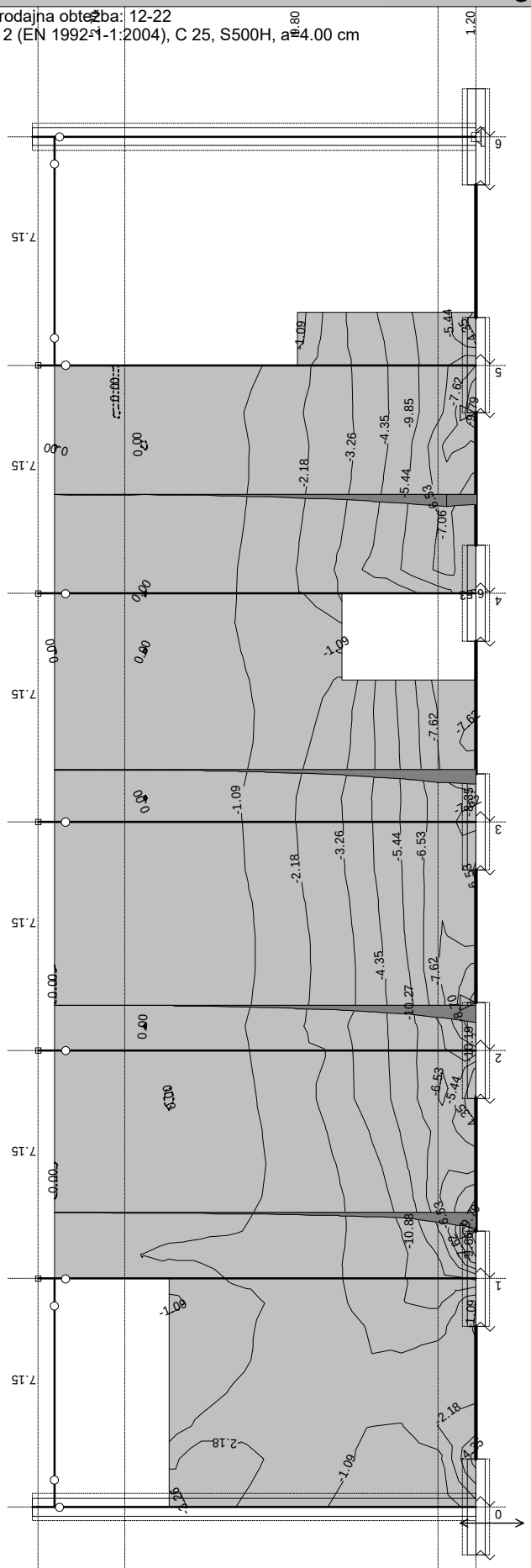
Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: H_2
Aa - spcona - Smer 1 - max Aa1,s= 25.12 cm2/m

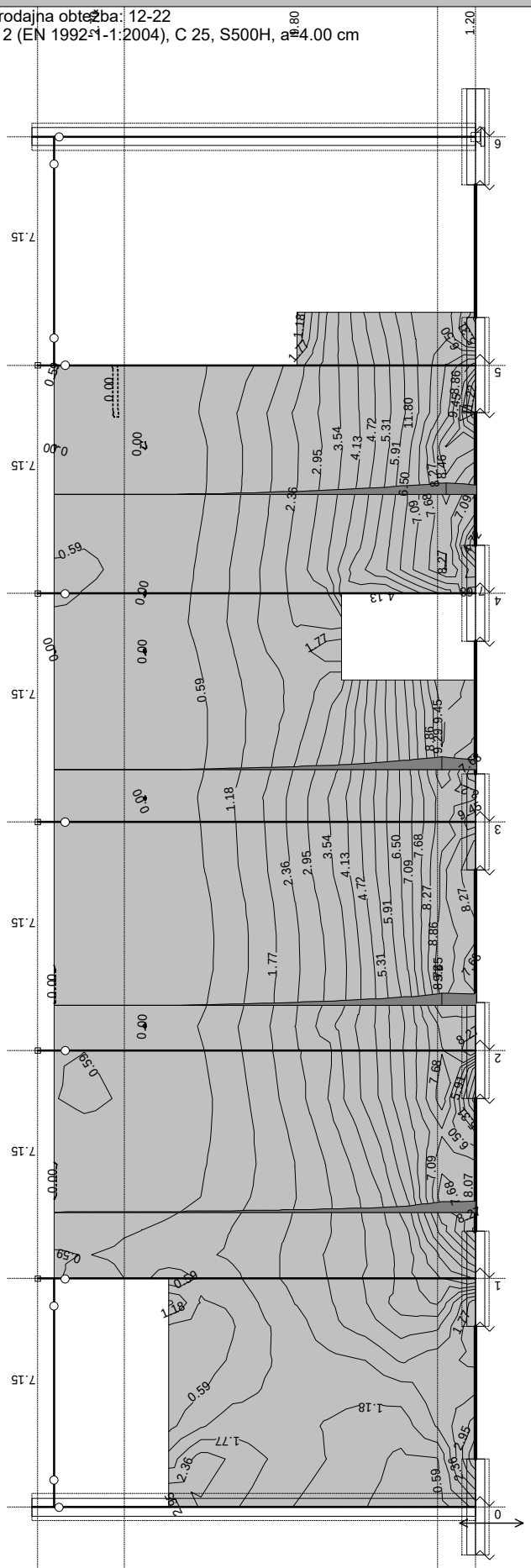
OS D

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: H_2
Aa - zgcona - Smer 2 - max Aa2,z= -10.88 cm2/m

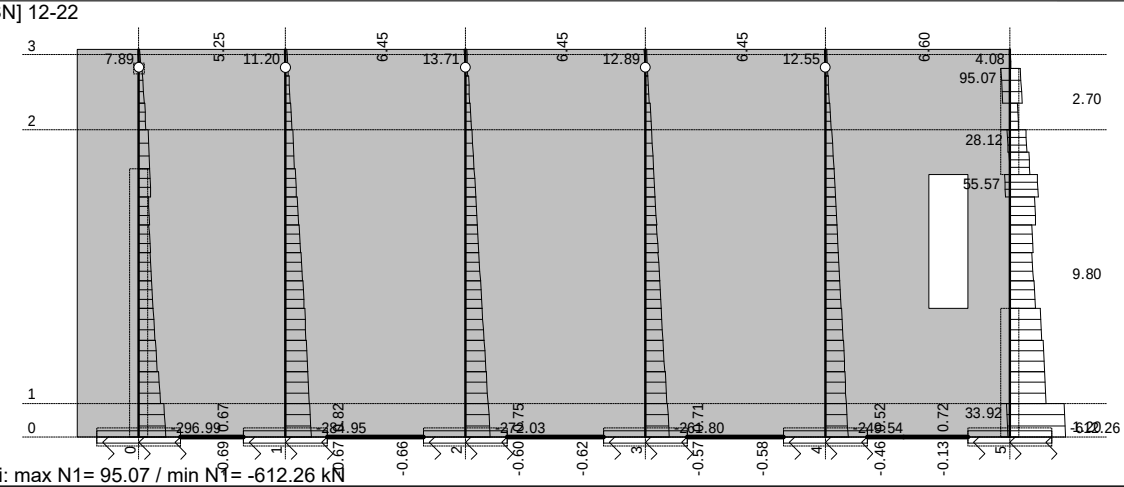
Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: H_2
Aa - spcona - Smer 2 - max Aa2,s= 11.80 cm2/m

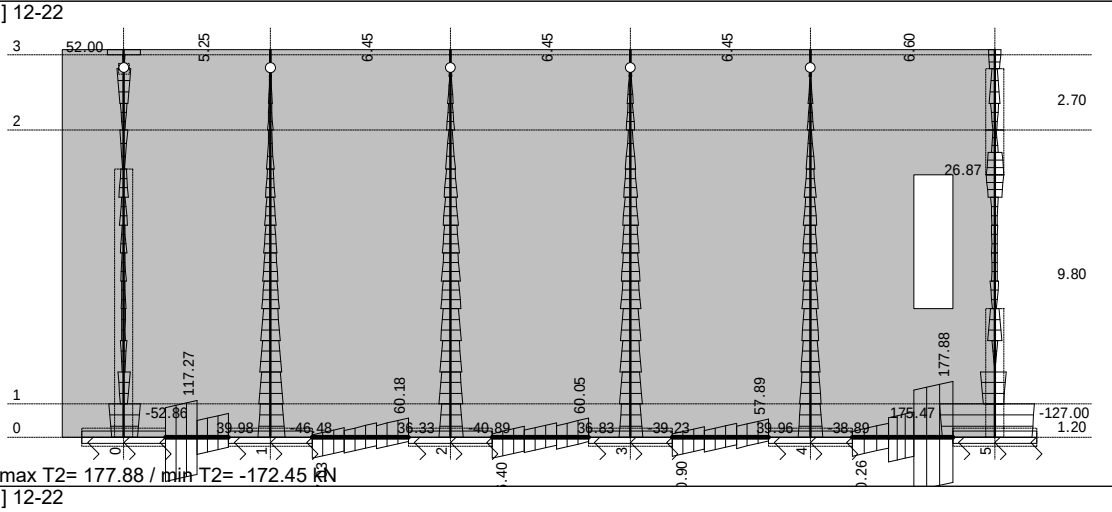
OS 1

Obt. 31: [MSN] 12-22



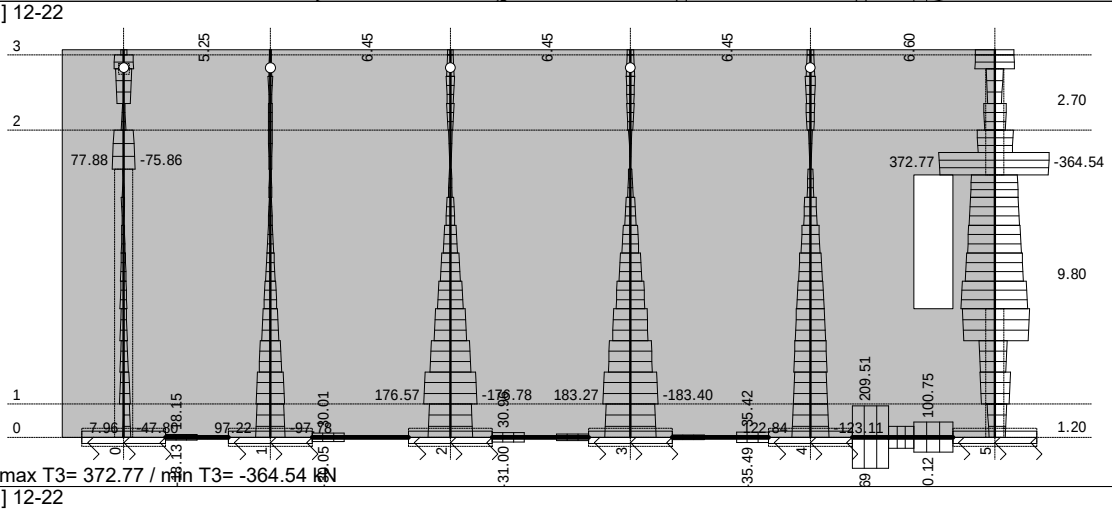
Okvir: V_1
Vplivi v gredi: max N1= 95.07 / min N1= -612.26 kN

Obt. 31: [MSN] 12-22



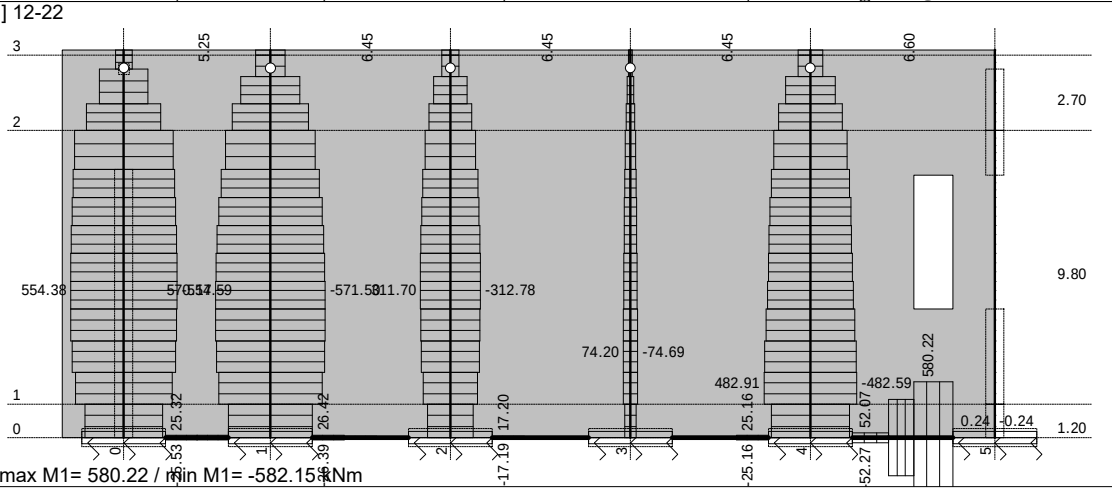
Okvir: V_1
Vplivi v gredi: max T2= 177.88 / min T2= -172.45 kN

Obt. 31: [MSN] 12-22



Okvir: V_1
Vplivi v gredi: max T3= 372.77 / min T3= -364.54 kN

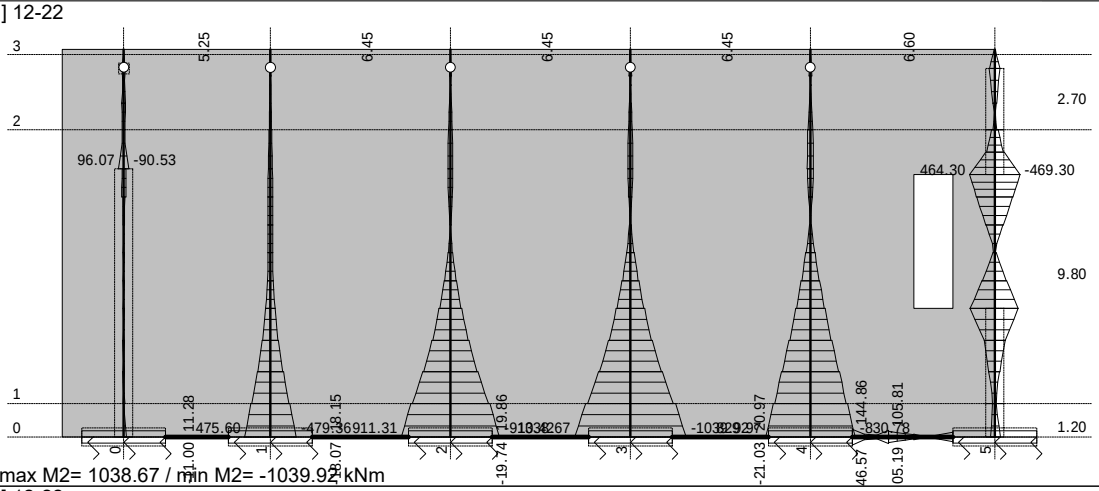
Obt. 31: [MSN] 12-22



Okvir: V_1
Vplivi v gredi: max M1= 580.22 / min M1= -582.15 kNm

OS 1

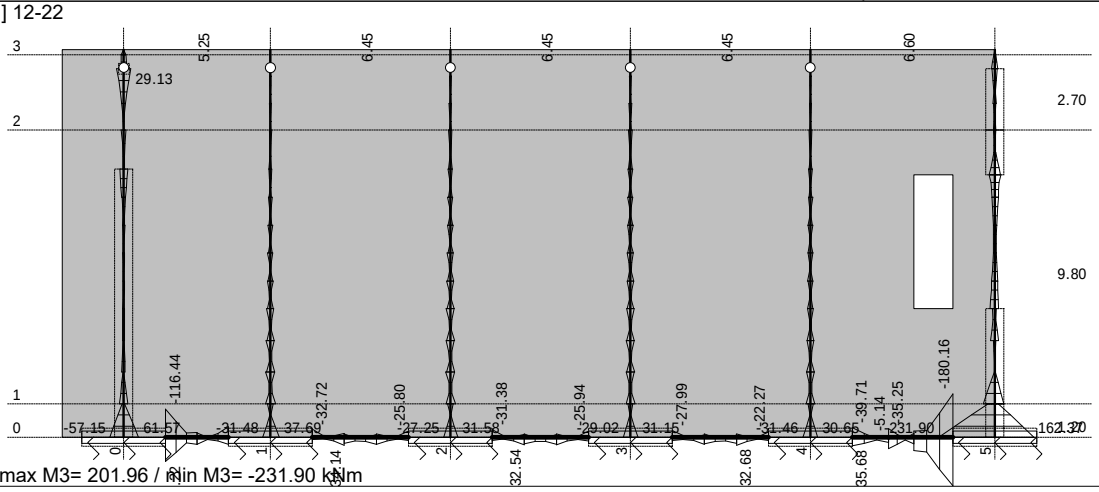
Obt. 31: [MSN] 12-22



Okvir: V_1

Vplivi v gredi: max M2= 1038.67 / min M2= -1039.92 kNm

Obt. 31: [MSN] 12-22

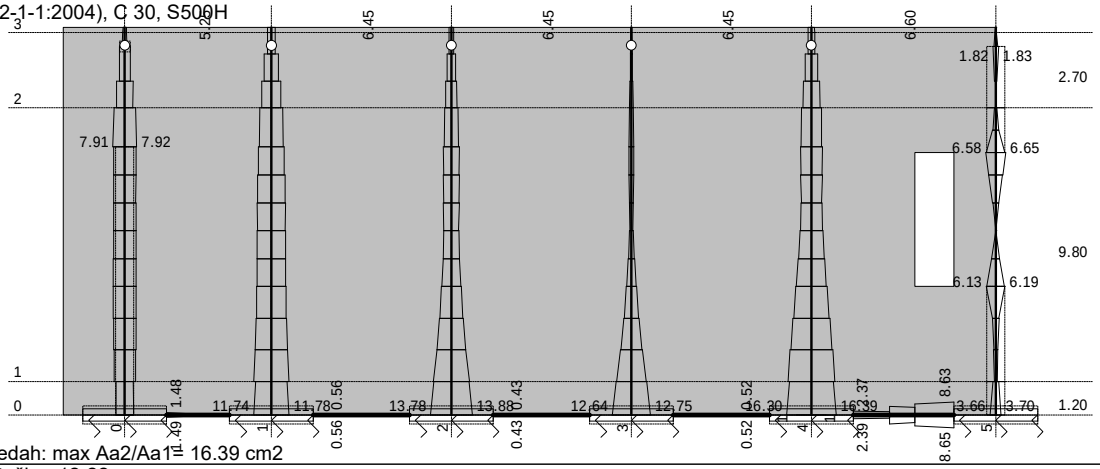


Okvir: V_1

Vplivi v gredi: max M3= 201.96 / min M3= -231.90 kNm

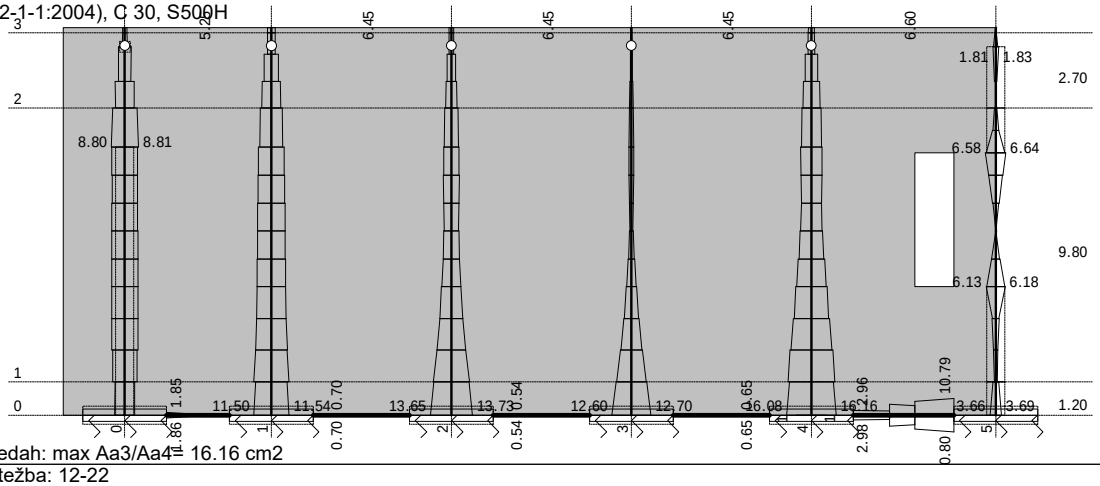
OS 1

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 30, S500H



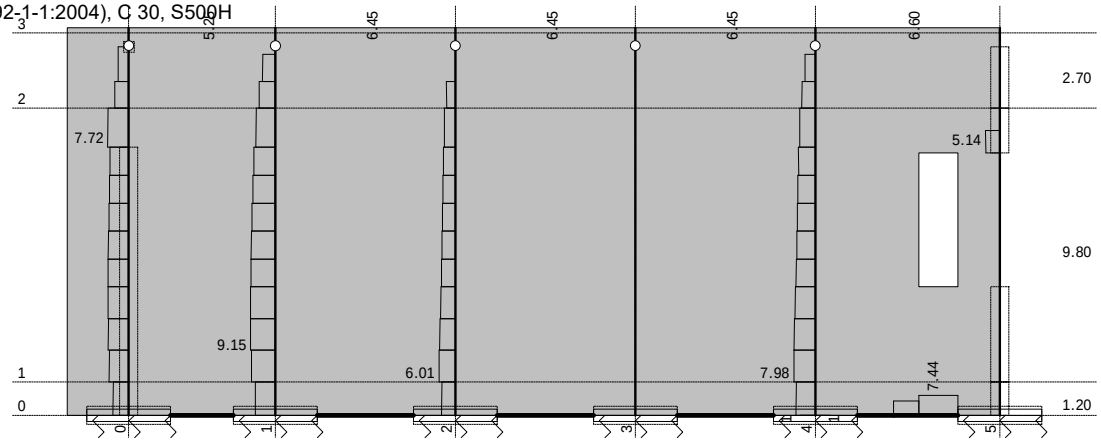
Okvir: V_1
Armatura v gredah: max Aa2/Aa1= 16.39 cm2

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 30, S500H



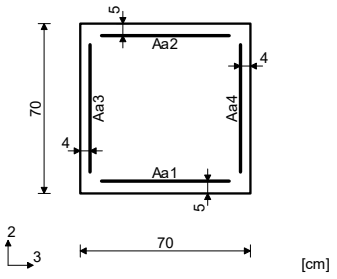
Okvir: V_1
Armatura v gredah: max Aa3/Aa4= 16.16 cm2

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 30, S500H



Okvir: V_1
Armatura v gredah: max Aa,st= 9.15 cm2

Greda 1116-622
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje skupine obtežnih primerov: 12-22



li,2 = 13.89 m (λ2 = 68.74)
li,3 = 13.89 m (λ3 = 68.74)
Nepomična konstrukcija

Prerez 1-1 x = 13.89m
Merodajna kombinacija za upogib:
1.00xI+0.20xII+1.00xV-0.30xVI
N1u = -100.29 kN
M2u = 545.14 kNm
M3u = 0.05 kNm

Merodajna kombinacija za torzijo:
1.00xI+0.20xII+1.00xV-0.30xVI
M1u = 351.92 kNm

Merodajna kombinacija za strig:
1.00xI+0.20xII+1.00xV-0.30xVI
T2u = -0.45 kN
T3u = 82.78 kN
M1u = 351.92 kNm

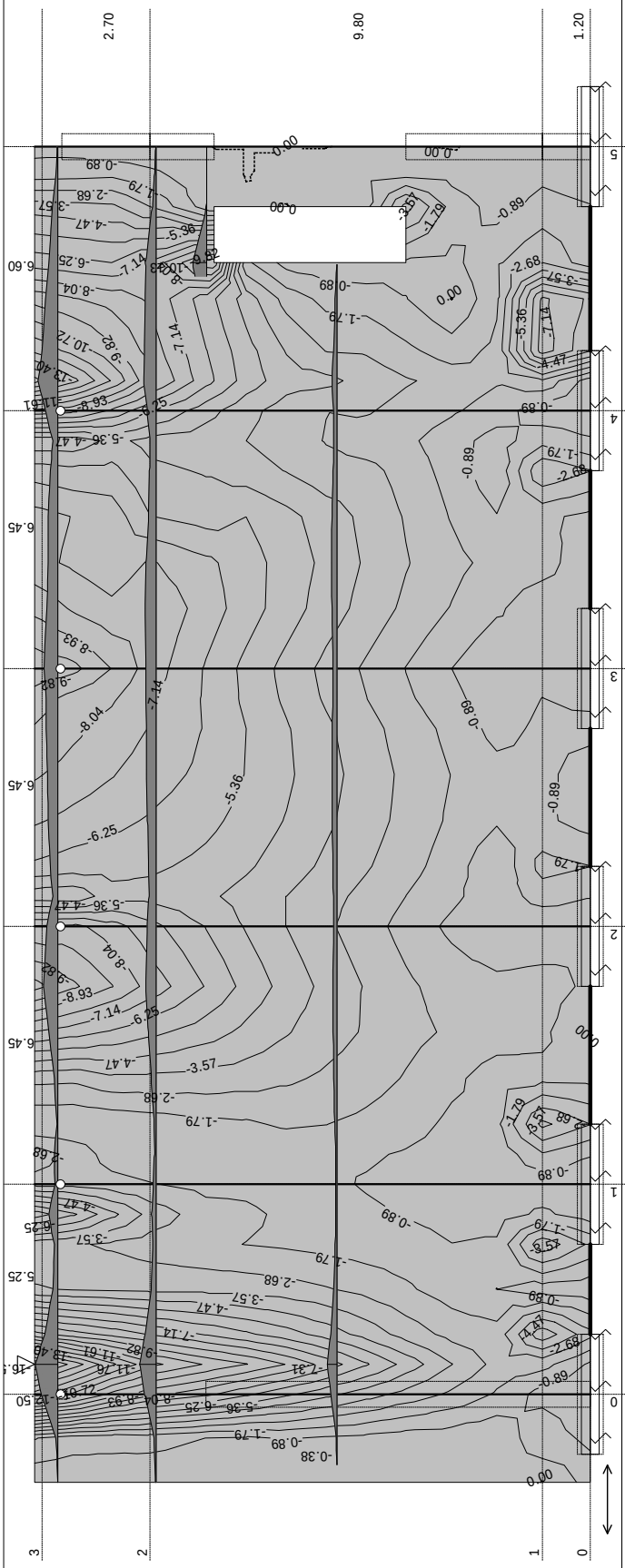
εb/εa = -3.500/22.576 ‰

Aa1 =	9.65	+	6.75`	=	16.39 cm2
Aa2 =	9.56	+	6.75`	=	16.30 cm2
Aa3 =	9.63	+	6.53`	=	16.16 cm2
Aa4 =	9.55	+	6.53`	=	16.08 cm2
Aa,st =			7.12 cm2/m		(m=2)

`) - dodatna vzdolžna armatura za prevzem torzije.

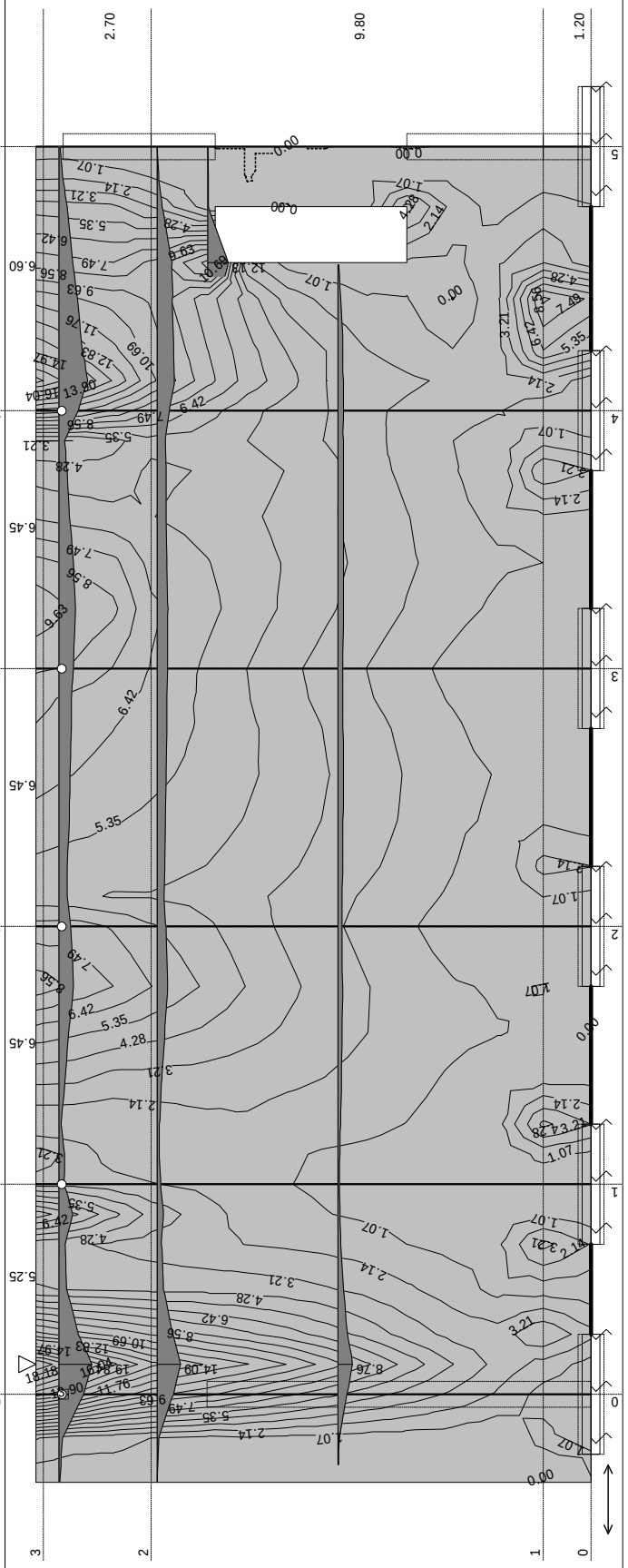
OS 1

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: V_1
Aa - zg.cona - Smer 1 - max Aa1,z= -17.85 cm2/m

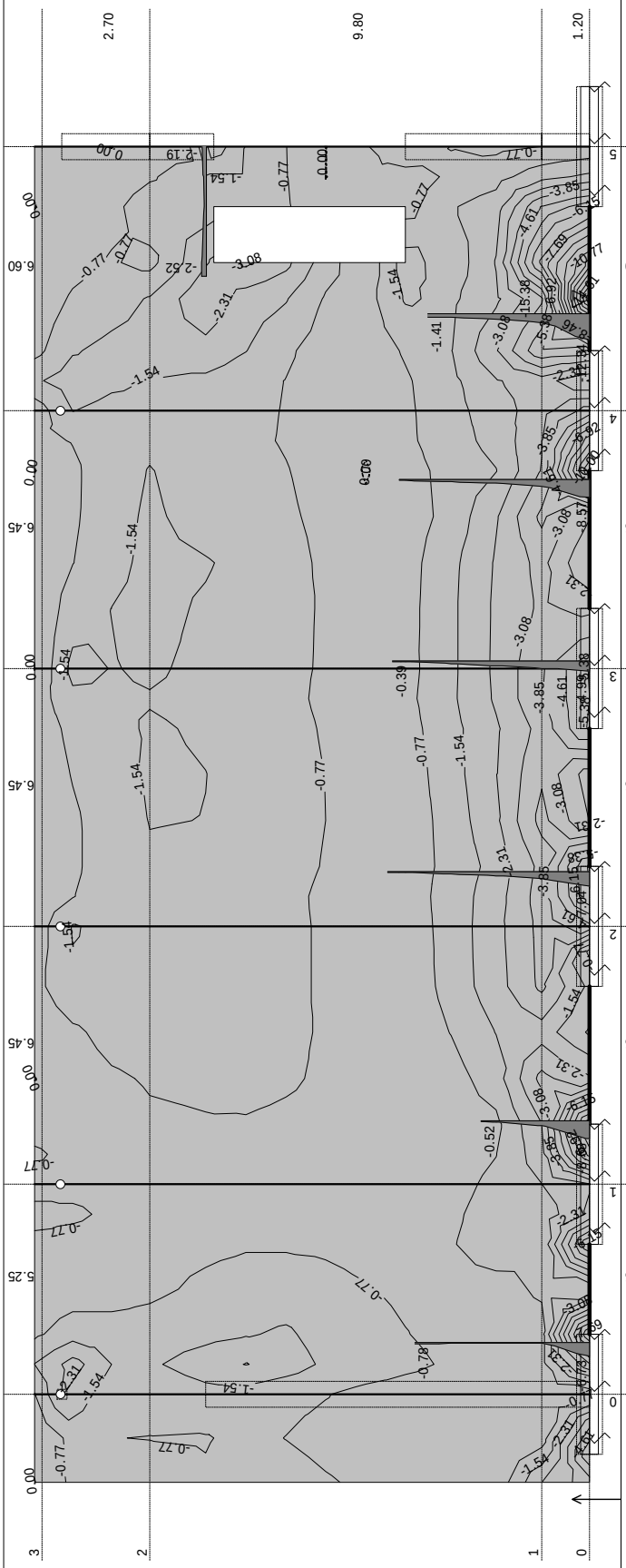
Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: V_1
Aa - sp.cona - Smer 1 - max Aa1,s= 21.38 cm2/m

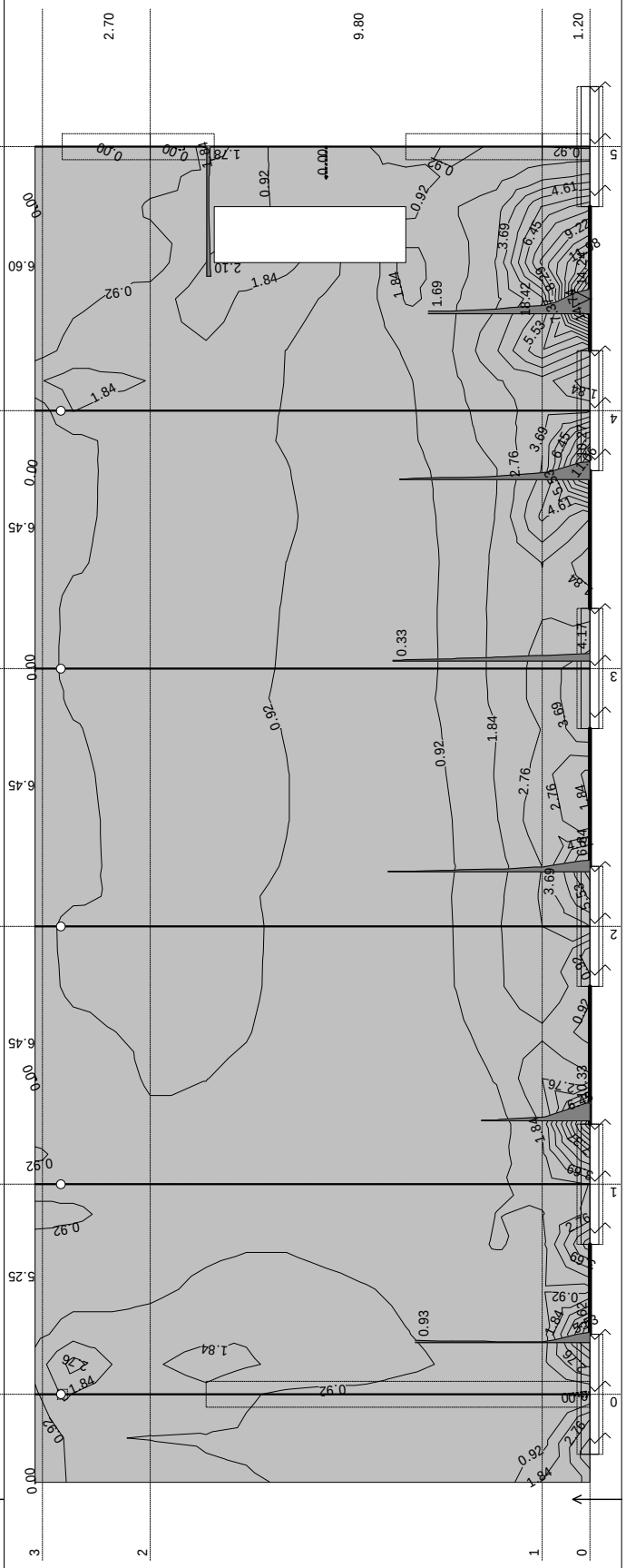
OS 1

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: V_1
Aa - zg.cona - Smer 2 - max Aa2,z= -15.38 cm2/m

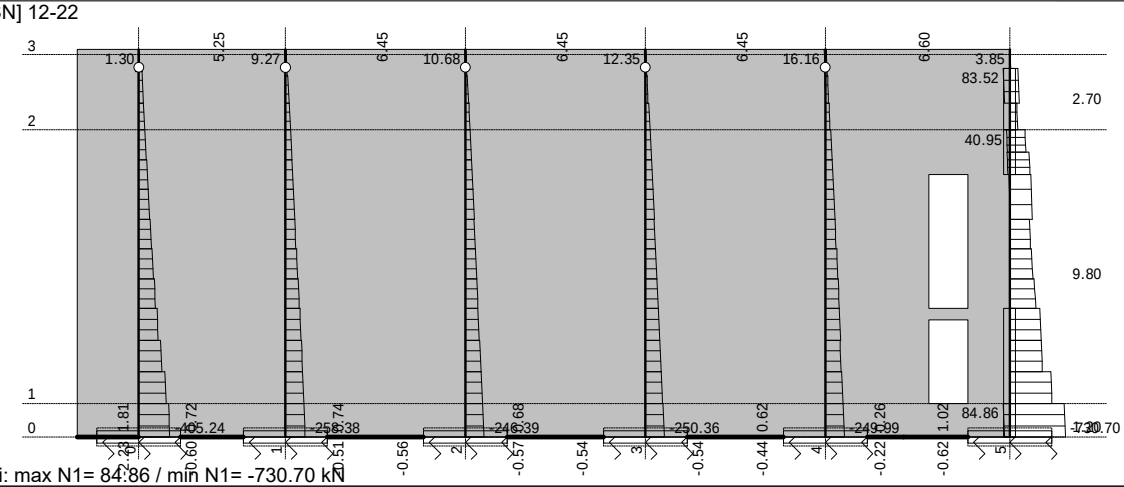
Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: V_1
Aa - sp.cona - Smer 2 - max Aa2,s= 18.42 cm2/m

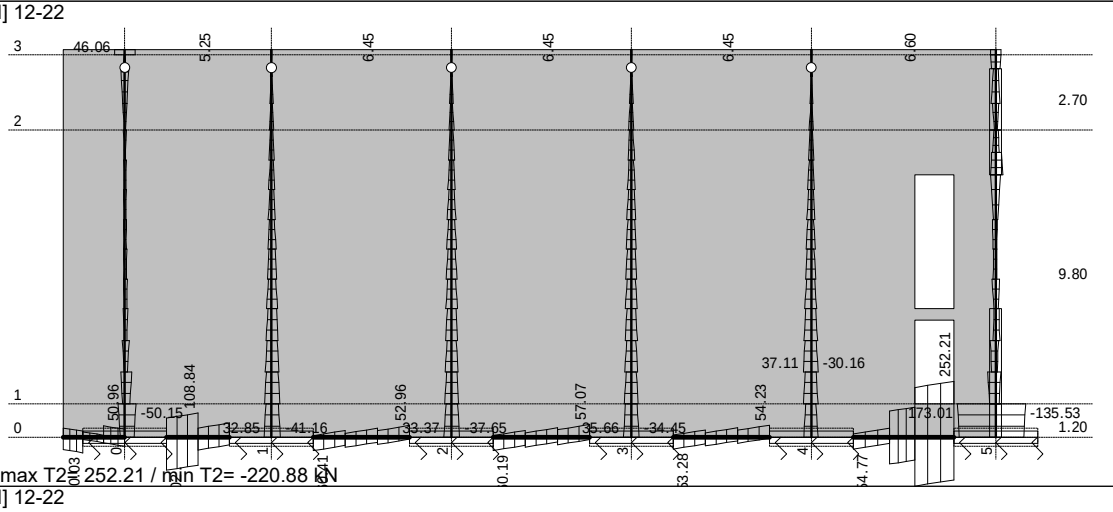
OS 7

Obt. 31: [MSN] 12-22



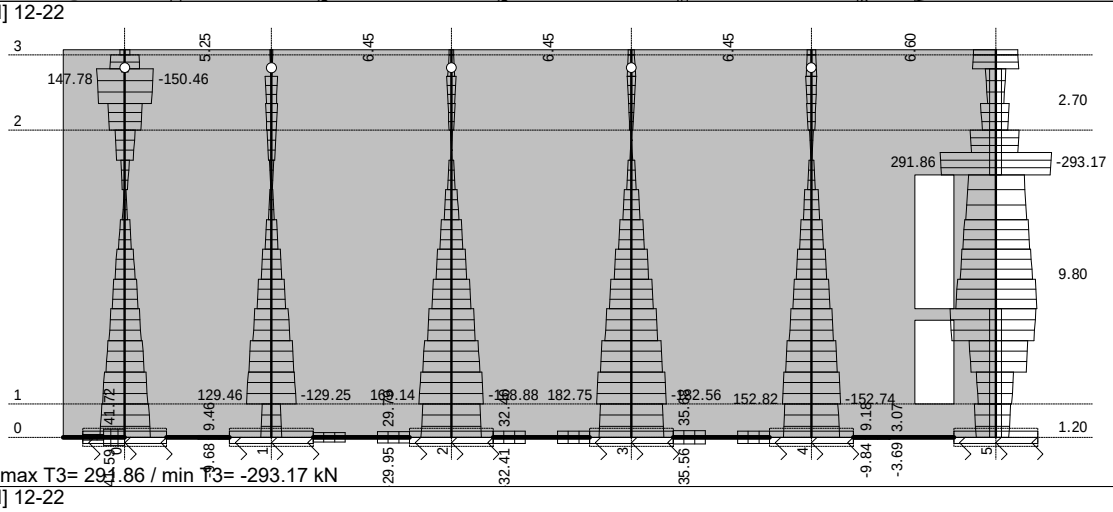
Okvir: V_7
Vplivi v gredi: max N1= 84.86 / min N1= -730.70 kN

Obt. 31: [MSN] 12-22



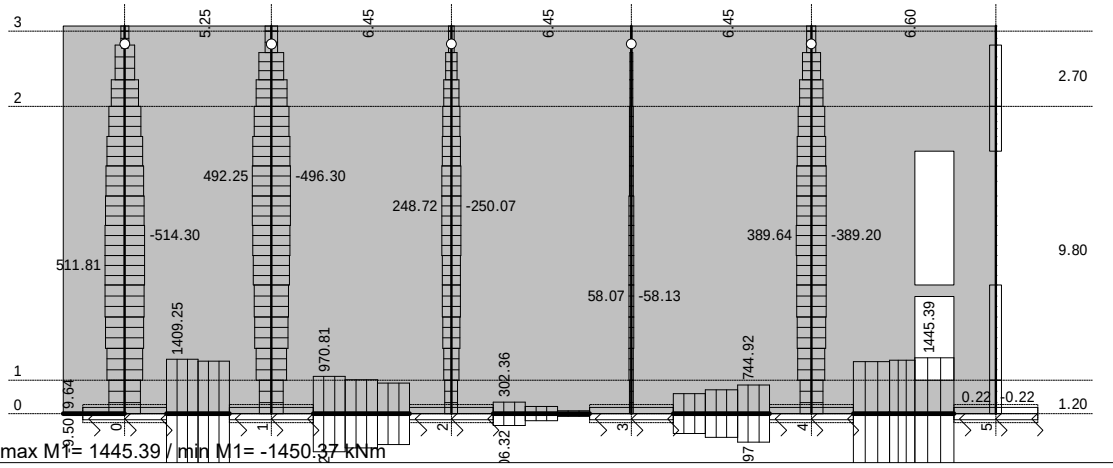
Okvir: V_7
Vplivi v gredi: max T2= 252.21 / min T2= -220.88 kN

Obt. 31: [MSN] 12-22



Okvir: V_7
Vplivi v gredi: max T3= 291.86 / min T3= -293.17 kN

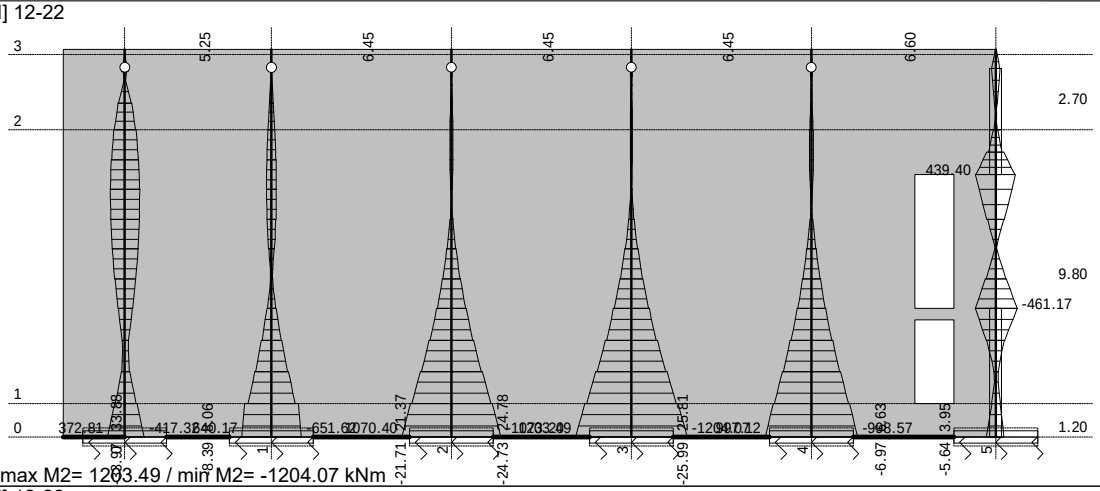
Obt. 31: [MSN] 12-22



Okvir: V_7
Vplivi v gredi: max M1= 1445.39 / min M1= -1450.37 kNm

OS 7

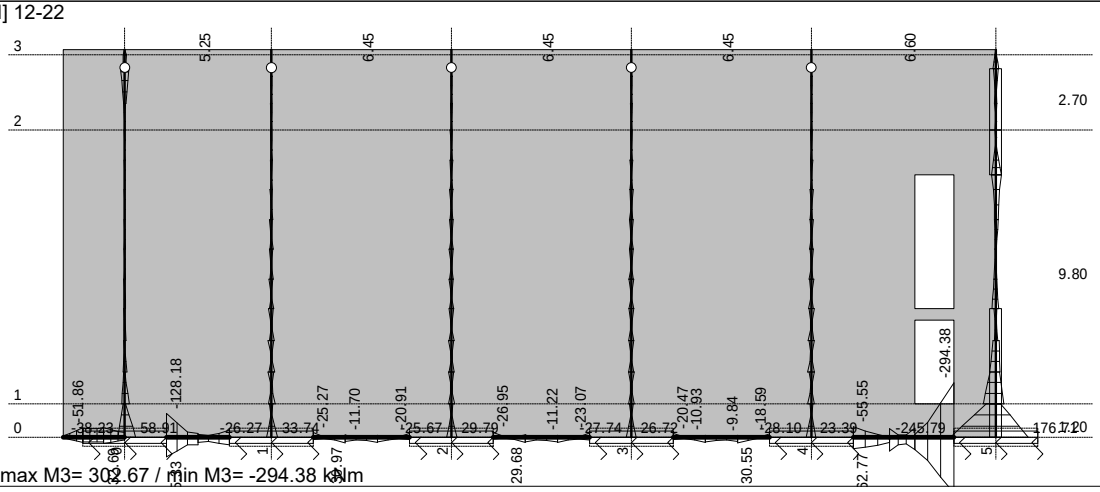
Obt. 31: [MSN] 12-22



Okvir: V_7

Vplivi v gredi: max M2= 1203.49 / min M2= -1204.07 kNm

Obt. 31: [MSN] 12-22

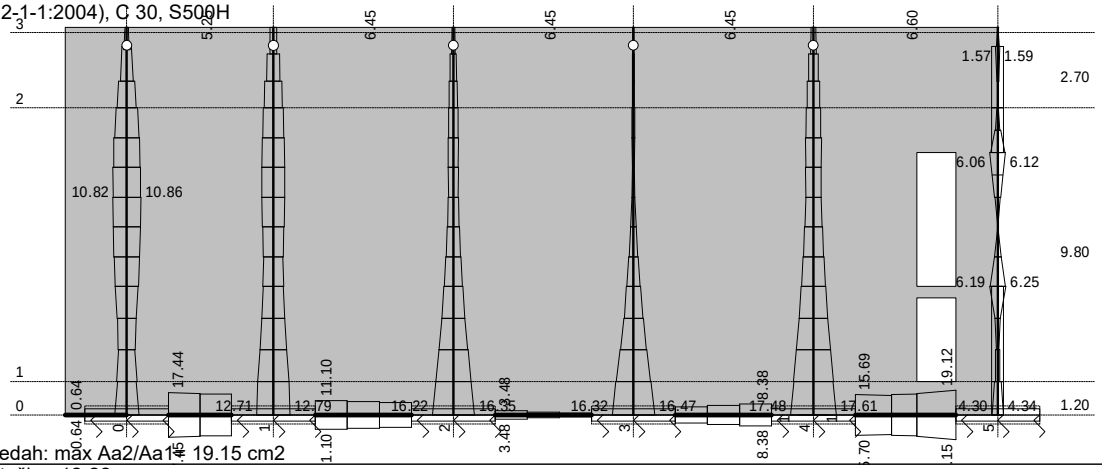


Okvir: V_7

Vplivi v gredi: max M3= 302.67 / min M3= -294.38 kNm

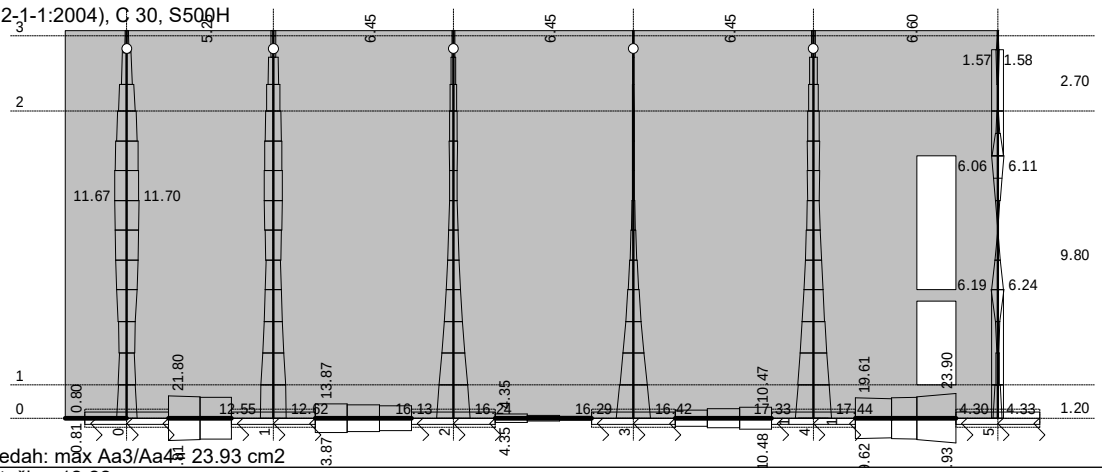
OS 7

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 30, S500H



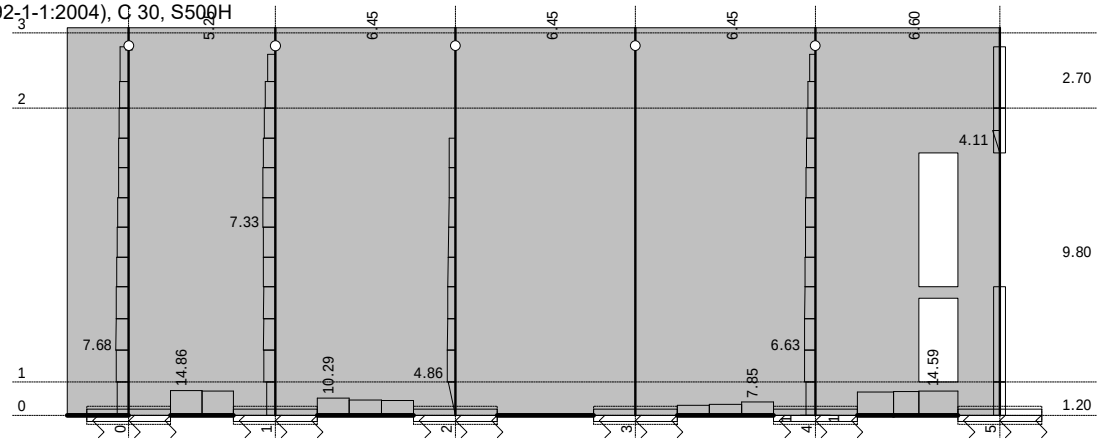
Okvir: V_7
Armatura v gredah: max Aa2/Aa1= 19.15 cm2

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 30, S500H



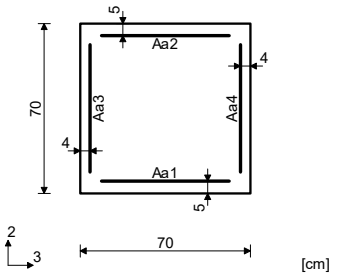
Okvir: V_7
Armatura v gredah: max Aa3/Aa4= 23.93 cm2

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 30, S500H



Okvir: V_7
Armatura v gredah: max Aa,st= 14.86 cm2

Greda 2317-1956
EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje skupine obtežnih primerov: 12-22



li,2 = 13.89 m (λ2 = 68.74)
li,3 = 13.89 m (λ3 = 68.74)
Nepomična konstrukcija

Prerez 1-1 x = 13.89m
Merodajna kombinacija za upogib:
1.00xI+0.20xII-1.00xV+0.30xVI
N1u = -115.64 kN
M2u = -717.54 kNm
M3u = -12.87 kNm

Merodajna kombinacija za torzijo:
1.00xI+0.20xII+1.00xV-0.30xVI
M1u = 241.59 kNm

Merodajna kombinacija za strig:
1.00xI+0.20xII+1.00xV-0.30xVI
T2u = -7.84 kN
T3u = 108.02 kN
M1u = 241.59 kNm

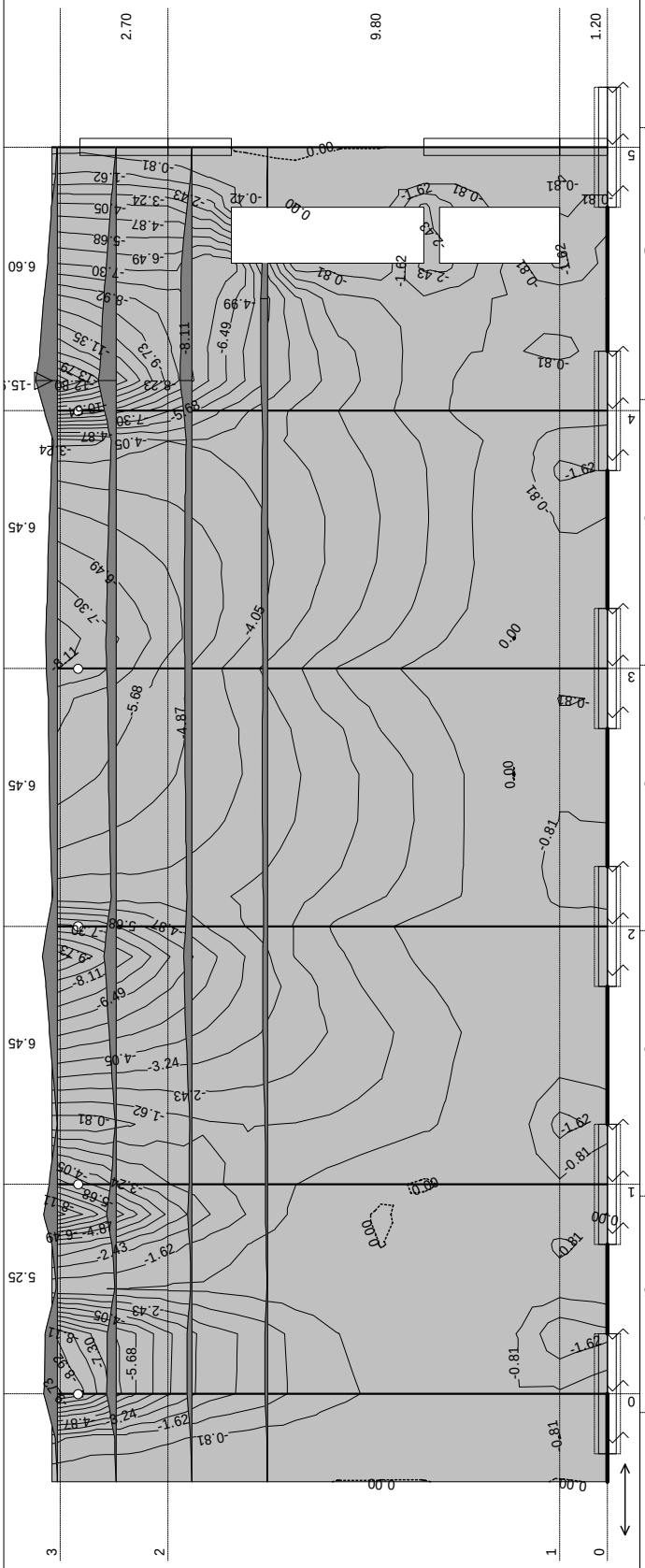
εb/εa = -3.500/17.370 ‰

Aa1 =	12.98	+	4.63`	=	17.61 cm2
Aa2 =	12.85	+	4.63`	=	17.48 cm2
Aa3 =	12.96	+	4.48`	=	17.44 cm2
Aa4 =	12.85	+	4.48`	=	17.33 cm2
Aa,st =	5.82 cm2/m				(m=2)

`) - dodatna vzdolžna armatura za prevzem torzije.

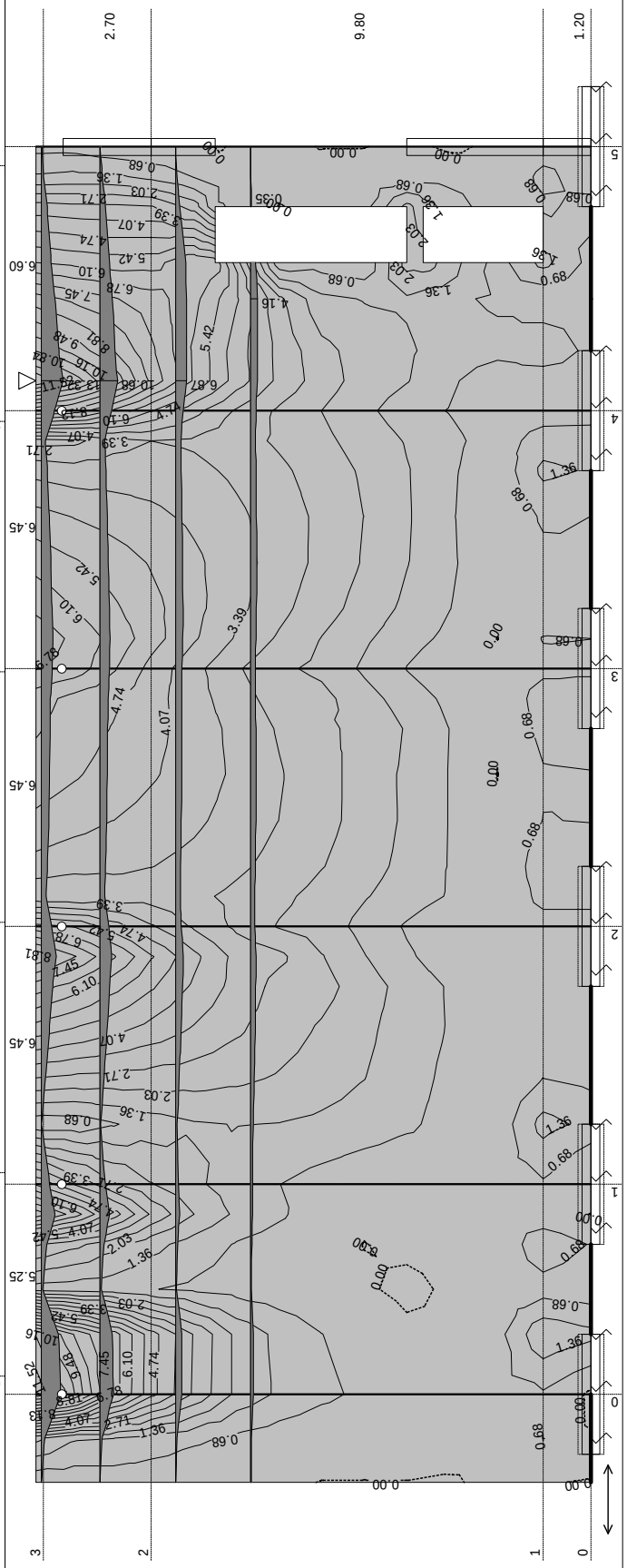
OS 7

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: V_7
Aa - zg.cona - Smer 1 - max Aa1,z= -16.22 cm2/m

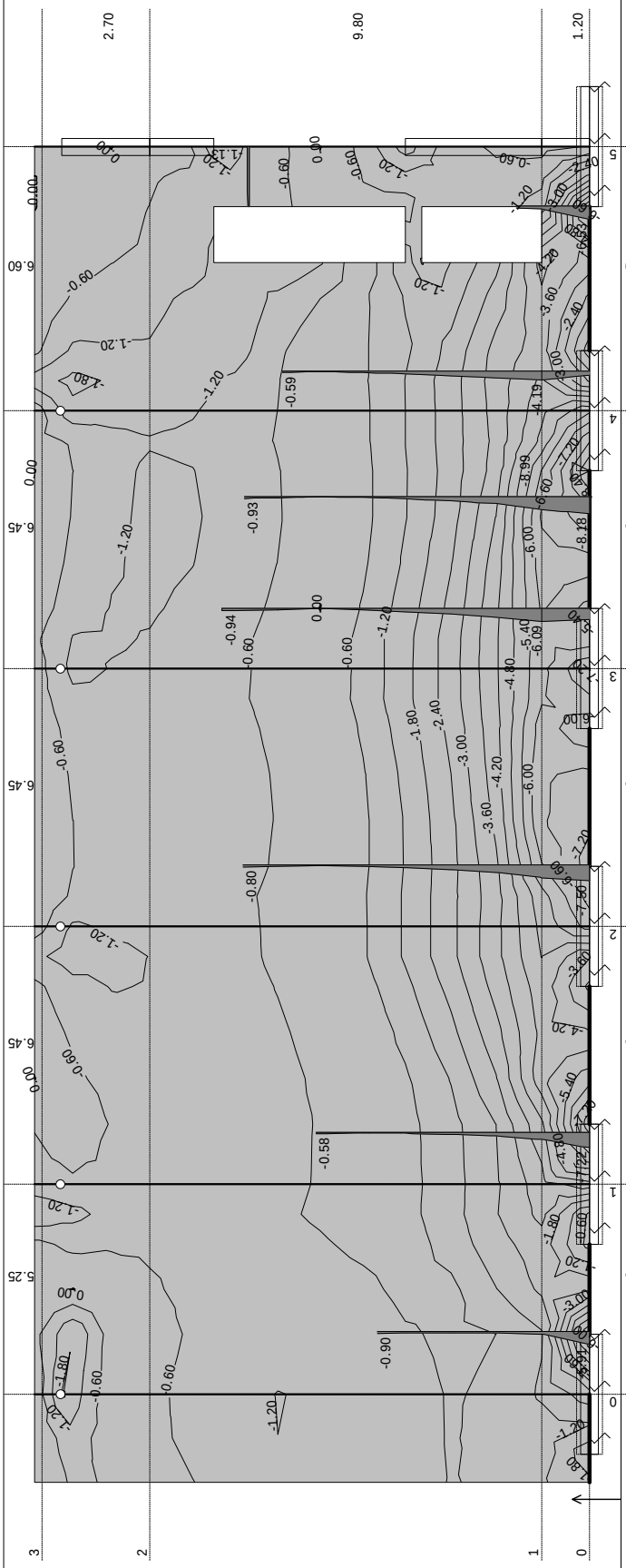
Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: V_7
Aa - sp.cona - Smer 1 - max Aa1,s= 13.54 cm2/m

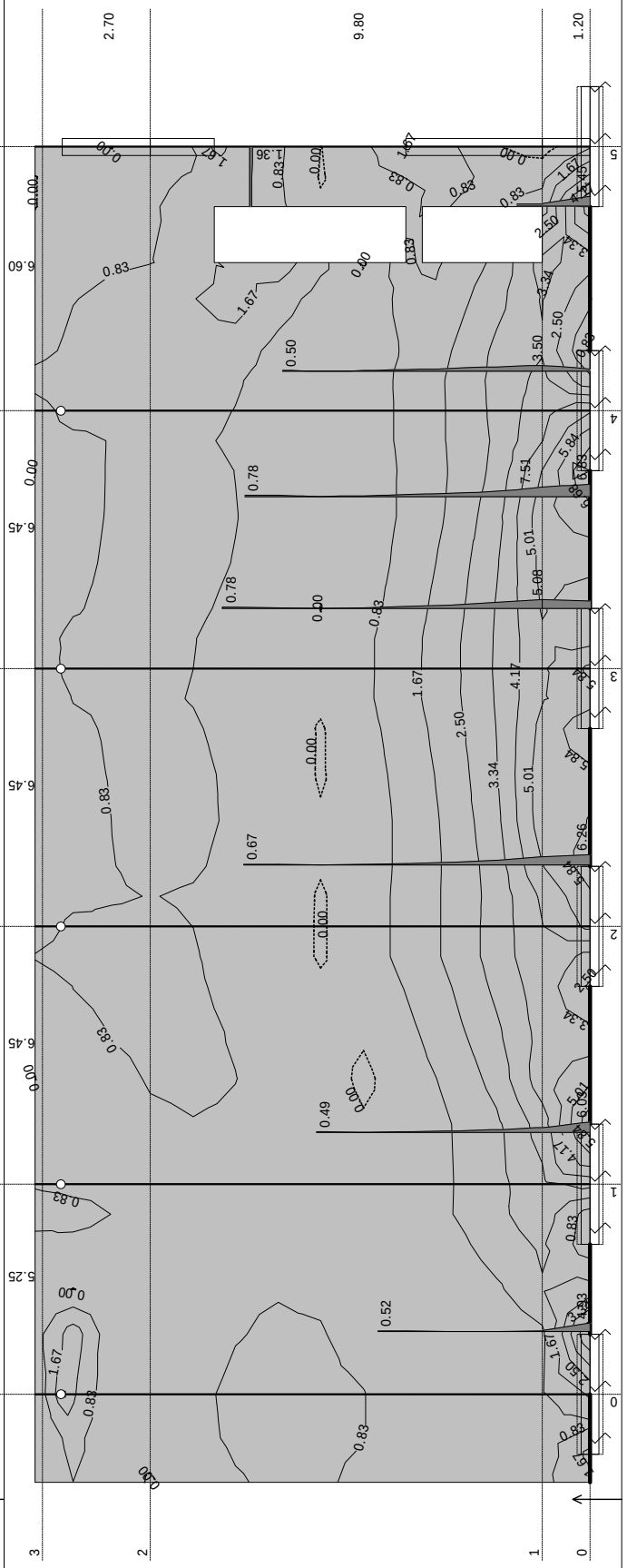
OS 7

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: V_7
Aa - zg.cona - Smer 2 - max Aa2,z= -8.99 cm2/m

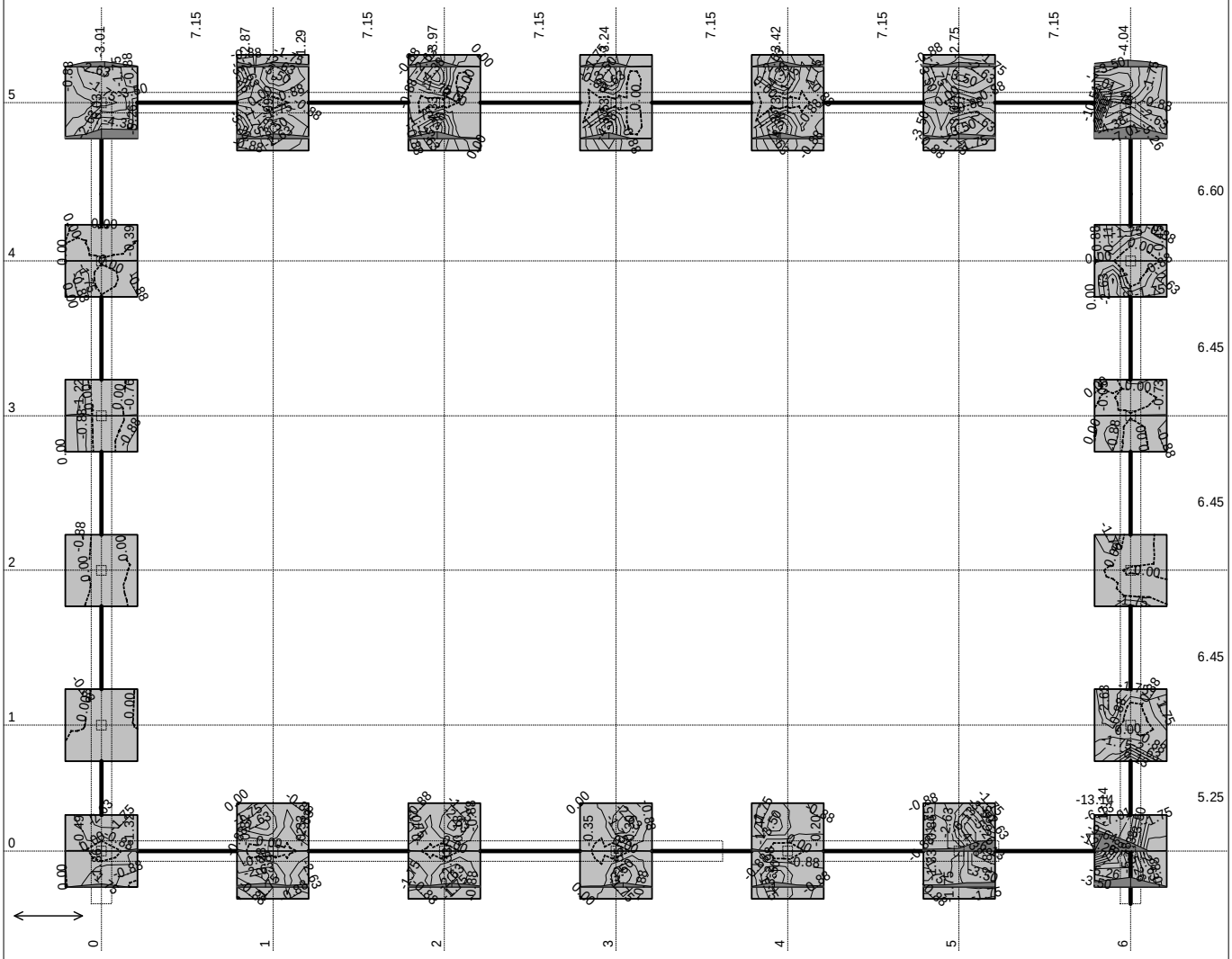
Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Okvir: V_7
Aa - sp.cona - Smer 2 - max Aa2,s= 7.51 cm2/m

TEMELJI

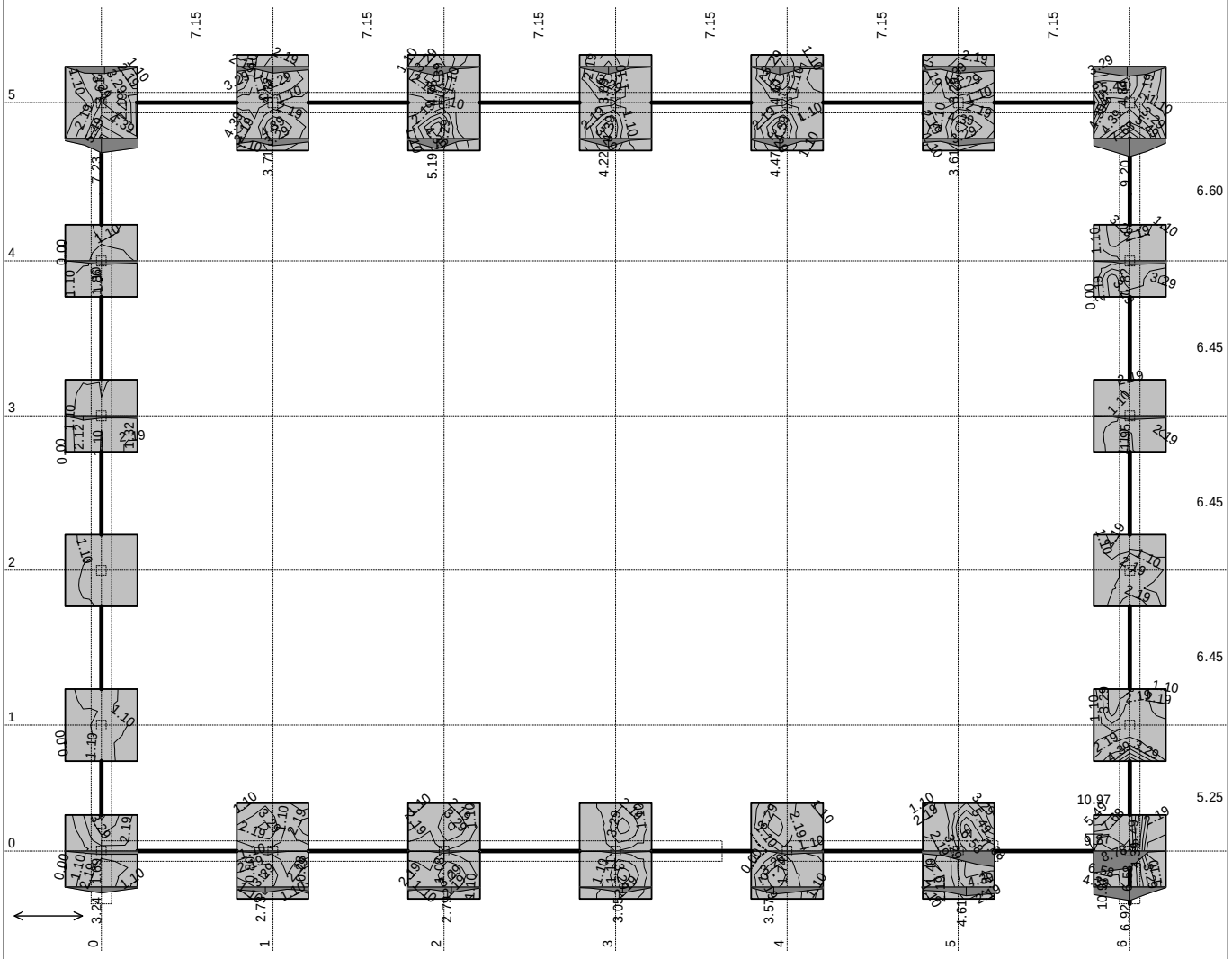
Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: [-3.40 m]
Aa - zg.cona - Smer 1 - max Aa1,z= -13.14 cm2/m

TEMELJI

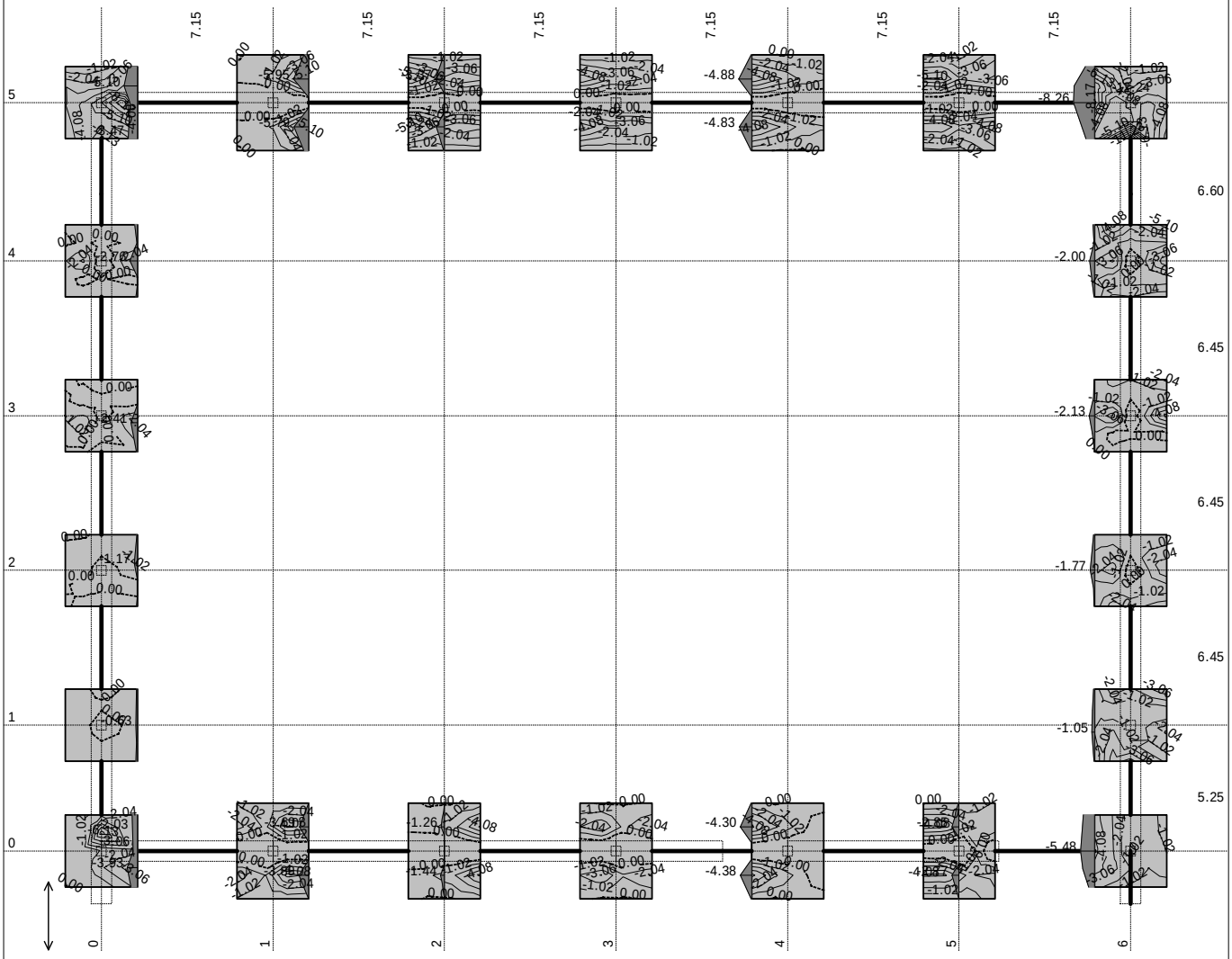
Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: [-3.40 m]
Aa - sp.cona - Smer 1 - max Aa1,s= 10.97 cm2/m

TEMELJI

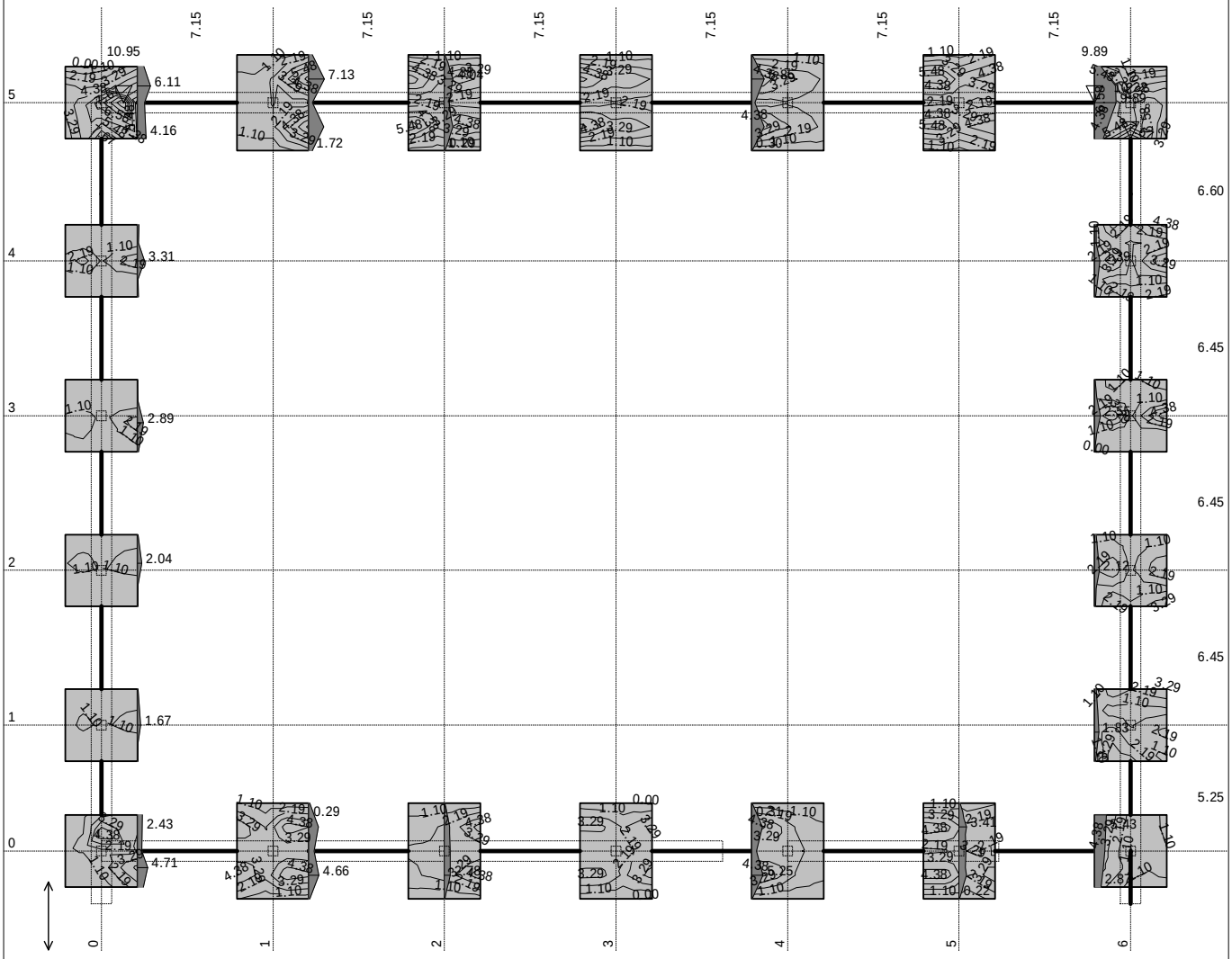
Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: [-3.40 m]
Aa - zg.cona - Smer 2 - max Aa2,z= -12.24 cm2/m

TEMELJI

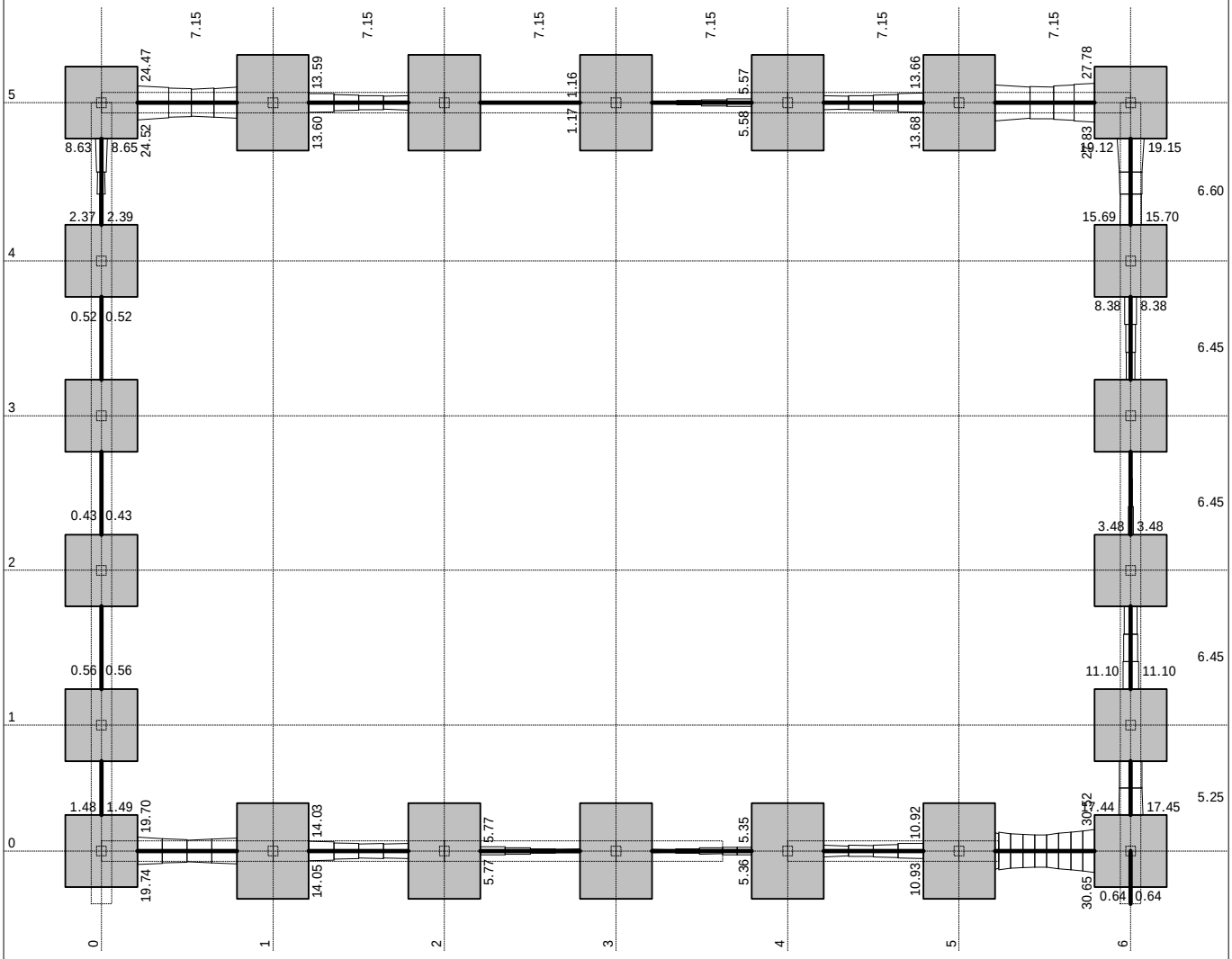
Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 25, S500H, a=4.00 cm



Nivo: [-3.40 m]
Aa - sp.cona - Smer 2 - max Aa2,s= 10.95 cm2/m

TEMELJI

Merodajna obtežba: 12-22
EC 2 (EN 1992-1-1:2004), C 30, S500H

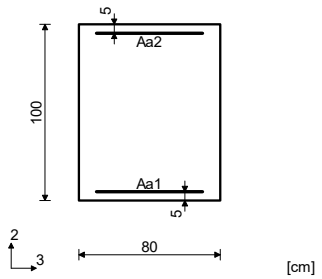


Nivo: [-3.40 m]
Armatura v gredah: max Aa2/Aa1= 30.65 cm2

TEMELJI

Greda 1070-1215

EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje skupine obtežnih primerov: 12-22



Prerez 1-1 x = 4.15m
Merodajna kombinacija za upogib:
1.00xI+0.20xII+1.00xV+0.30xVI
N1u = 0.14 kN
M2u = 84.17 kNm
M3u = -1062.72 kNm

Merodajna kombinacija za torzijo:
1.00xI+0.20xII-0.30xV-1.00xVI
M1u = -1436.79 kNm

Merodajna kombinacija za strig:
1.00xI+0.20xII-0.30xV-1.00xVI
T2u = -361.45 kN
T3u = -126.41 kN
M1u = -1436.79 kNm

εb/εa = -3.020/25.000 ‰

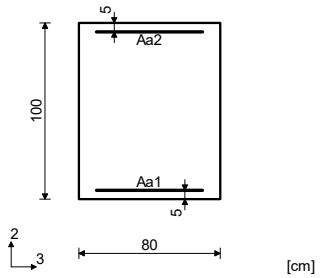
Aa1 =	22.39	+	18.36`	=	40.75 cm2
Aa2 =	26.82	+	18.36`	=	45.18 cm2
Aa3 =	0.00	+	22.95`	=	22.95 cm2
Aa4 =	0.00	+	22.95`	=	22.95 cm2

Prerez ne dopušča

`) - dodatna vzdolžna armatura za prevzem torzije.

Greda 1987-2101

EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje skupine obtežnih primerov: 12-22



Prerez 2-2 x = 4.15m
Merodajna kombinacija za upogib:
1.00xI+0.20xII-0.30xV-1.00xVI
N1u = -0.46 kN
M2u = -336.08 kNm
M3u = 123.31 kNm

Merodajna kombinacija za torzijo:
1.00xI+0.20xII-0.30xV+1.00xVI
M1u = 1805.02 kNm

Merodajna kombinacija za strig:
1.00xI+0.20xII-0.30xV-1.00xVI
T2u = -38.66 kN
T3u = -136.05 kN
M1u = -1784.25 kNm

εb/εa = -3.500/22.364 ‰

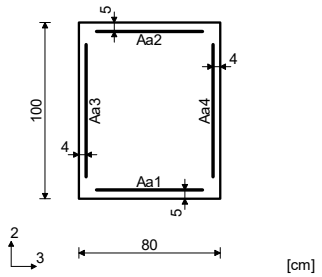
Aa1 =	9.74	+	23.06`	=	32.81 cm2
Aa2 =	11.67	+	23.06`	=	34.74 cm2
Aa3 =	0.00	+	28.83`	=	28.83 cm2
Aa4 =	0.00	+	28.83`	=	28.83 cm2

Prerez ne dopušča

`) - dodatna vzdolžna armatura za prevzem torzije.

Greda 22-71

EC 2 (EN 1992-1-1:2004)
C 30 (γC = 1.50, γS = 1.15)
S500H
Dimenzioniranje skupine obtežnih primerov: 12-22



Prerez 1-1 x = 0.00m
Merodajna kombinacija za upogib:
1.00xI+0.20xII-0.30xV+1.00xVI
N1u = 0.11 kN
M2u = 261.22 kNm
M3u = 9.32 kNm

Merodajna kombinacija za torzijo:
1.00xI+0.20xII-0.30xV+1.00xVI
M1u = -1264.06 kNm

Merodajna kombinacija za strig:
1.00xI+0.20xII-0.30xV+1.00xVI
T2u = -15.81 kN
T3u = -115.77 kN
M1u = -1264.06 kNm

εb/εa = -1.721/25.000 ‰

Aa1 =	3.59	+	16.15`	=	19.74 cm2
Aa2 =	3.55	+	16.15`	=	19.70 cm2
Aa3 =	4.48	+	20.19`	=	24.67 cm2
Aa4 =	4.44	+	20.19`	=	24.63 cm2

Aa,st = 16.65 cm2/m (m=2)

`) - dodatna vzdolžna armatura za prevzem torzije.

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Tel.: 01/755-14-19
Fax.: 01/750-25-19
GSM: 041/787-366
E-mail: janko.mele@gb-mele.si

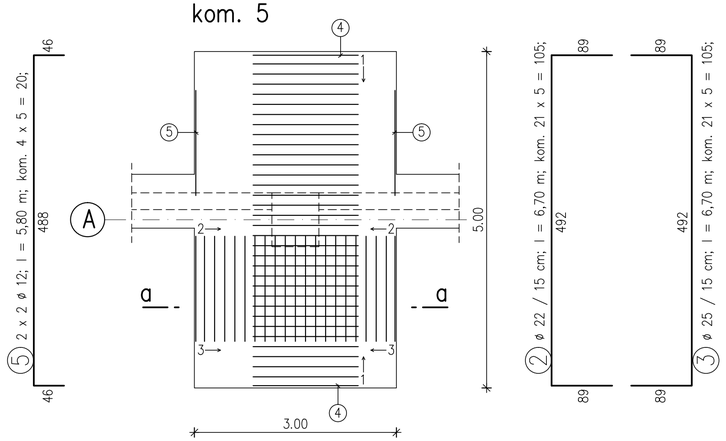
2.4 RISBE

SEZNAM ARMATURNIH NAČRTOV

	list št.
• AB točkovni temelji v oseh A, 1 in 7	1
• AB temelji med osmi B-E/1-7	2
• AB konstrukcija v osi 1	3
• AB konstrukcija v osi 7	4
• AB konstrukcija v osi A	5
• AB konstrukcija v osi D	6

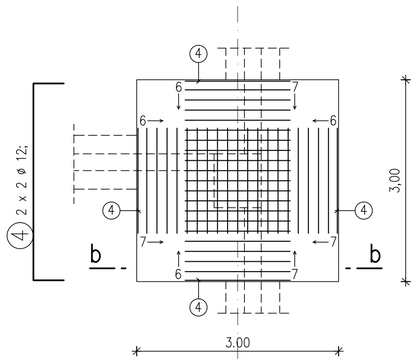
AB TOČKOVNI TEMELJI V OSI A IN V OSEH 1 IN 7 C 25/30 m 1:50

kom. 5



4 2 x 2 ø 12; l = 3,80 m; kom. 4 x 5 = 20;

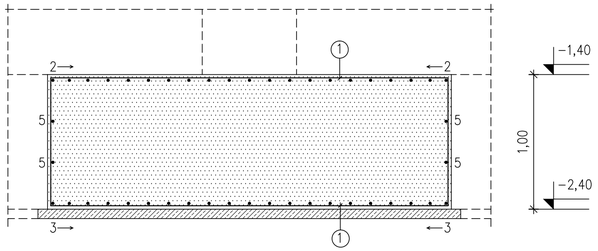
kom. 10



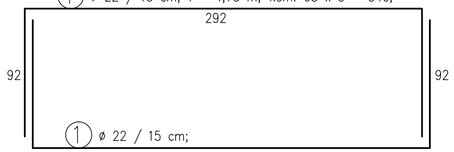
7 (1)

4 2 x 2 ø 12; kom. 8 x 10 = 80;

a–a m 1:25

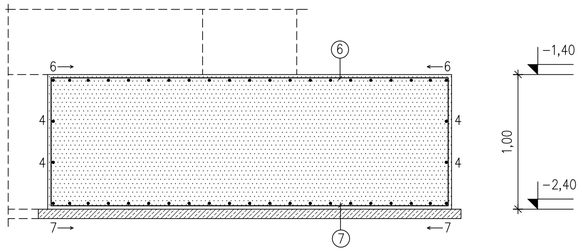


1 ø 22 / 15 cm; l = 4,75 m; kom. 68 x 5 = 340;

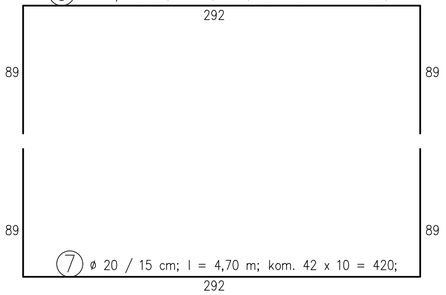


1 ø 22 / 15 cm;

b–b m 1:25



6 ø 16 / 15 cm; l = 4,70 m; kom. 42 x 10 = 420;



7 ø 20 / 15 cm; l = 4,70 m; kom. 42 x 10 = 420;

B 500

ozn.	ø	l	kom.	ø 12	ø 16	ø 20	ø 22	ø 25	
1	22	4,75	340				1615,00		
2	22	6,70	105				703,50		
3	25	6,70	105					703,50	
4	12	3,80	100	380,00					
5	12	5,80	20	116,00					
6	16	4,70	420		1974,00				
7	20	4,70	420			1974,00			
			Σ l	496,00	1974,00	1974,00	2318,50	703,50	
			kg	452,00	3200,00	4988,5	7090,00	2779,50	
			Σ kg	18.510,00					

PRED IZVEDBO AB TEMELJEV MORA TEMELJNA TLA PREGLEDATI GEOMEHANIK.

OBVEZNO GLEJ ŠE NAČRT ARHITEKTURE.

GRADBENI BIRO MELE s.p.
Ident. št. pri IZS 1540

Naročnik: OBČINA MORAVČE, VEGOVA ULICA 9, 1251 MORAVČE

Odg. vodja projekta: Iztok N. Čančula u.d.i.a. ZAPS 0251 A

Odgovorni projektant: Janko Mele u.d.i.g. G-0292

Sodelavec: Mateja Resnik

Št. projekta: 042/19

Datum: november 2020

Objekt: REKONSTRUKCIJA IN DOZIDAVA OSNOVNE ŠOLE JURIJA VEGE MORAVČE

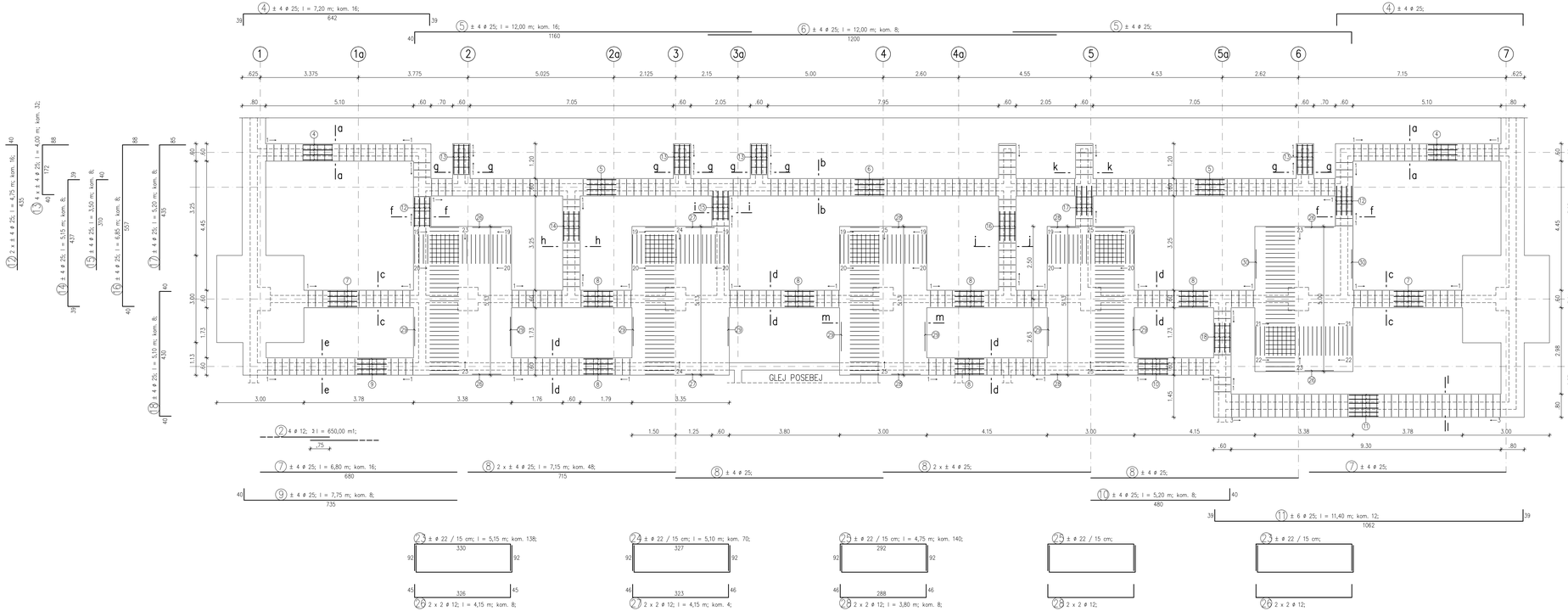
Predmet: ab točkovni temelji v osi A in v oseh 1 in 7

Faza: PZI

Merilo: 1 : 50

Št. lista: 1

AB TEMELJI MED OSMI B–E/1–7 C 25/30 m 1:50

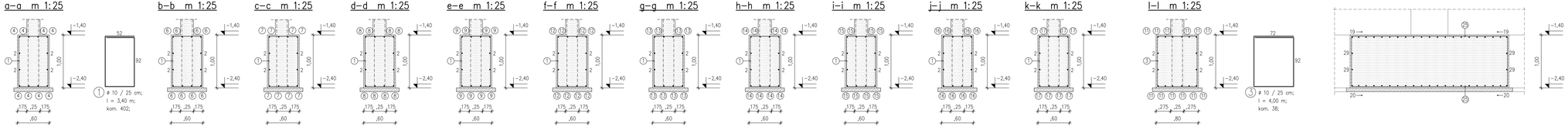


B 500							
ozn.	ø	l	kom.	ø 10	ø 12	ø 22	ø 25
1	10	3,40	402	1366,80			
2	12	650,00	–		650,00		
3	10	4,00	38	152,00			
4	25	7,20	16				115,20
5	25	12,00	16				192,00
6	25	12,00	8				96,00
7	25	6,80	16				108,80
8	25	7,15	48				343,20
9	25	7,75	8				62,00
10	25	5,20	8				41,60
11	25	11,40	12				136,80
12	25	4,75	16				76,00
13	25	4,00	32				128,00
14	25	5,15	8				41,20
15	25	3,50	8				28,00
16	25	6,85	8				54,80
17	25	5,20	8				41,60
18	25	5,10	8				40,80
19	22	6,80	88			598,40	
20	25	6,80	88				598,40
21	22	6,70	23			154,10	
22	25	6,70	23				154,10
23	22	5,15	138			710,70	
24	22	5,10	70			357,00	
25	22	4,75	140			665,00	
26	12	4,15	8		33,20		
27	12	4,15	4		16,60		
28	12	3,80	8		30,40		
29	12	5,90	16		94,40		
30	12	5,80	4		23,20		
			Σ l	1518,80	847,80	2485,20	2258,50
			kg	961,50	772,50	7599,50	8923,50
			Σ kg	18.257,00			

PRED IZVEDBO AB TEMELJEV MORA TEMELJNA TLA PREGLEDATI GEOMEHANIK.

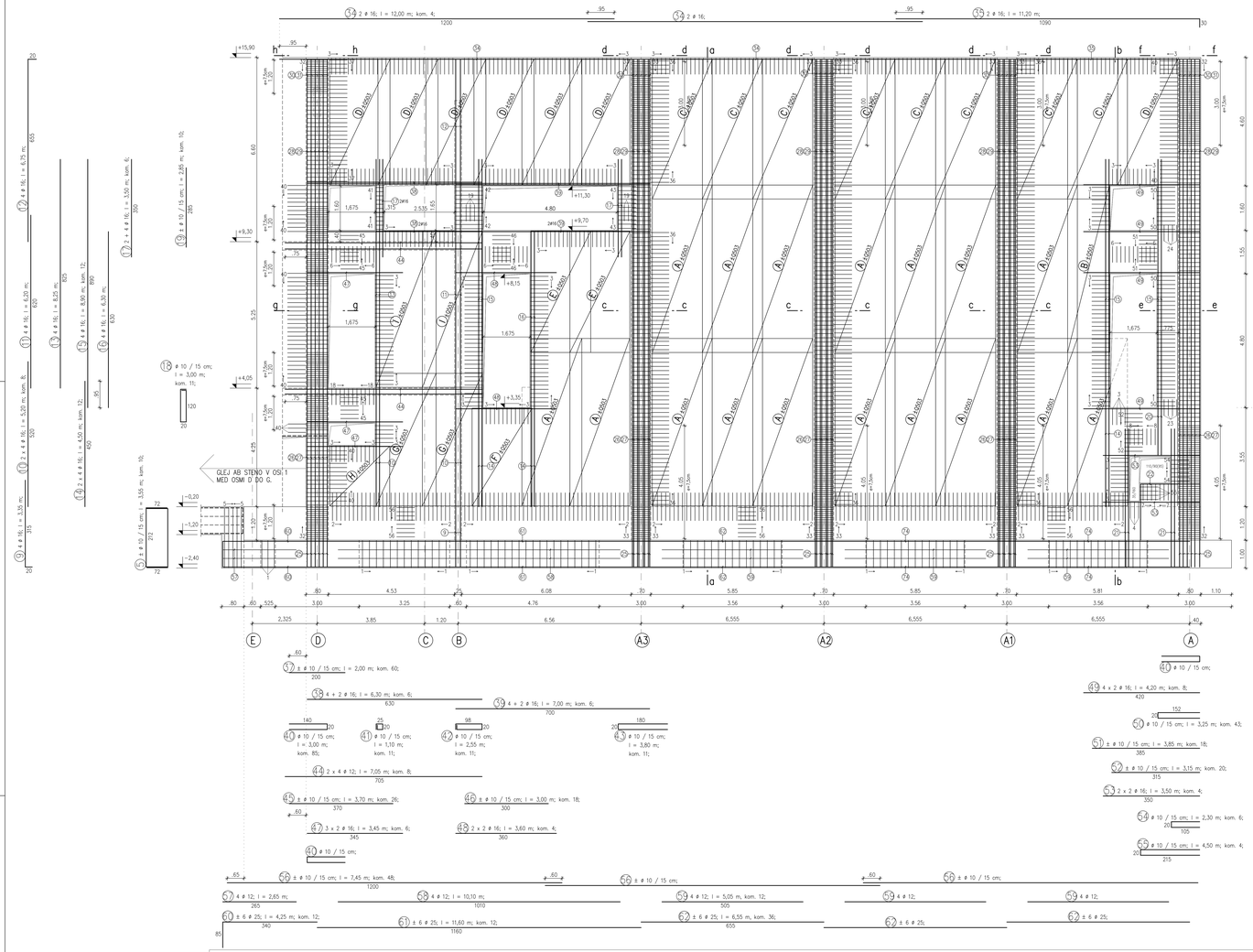
AB TEMELJ V OSI 1 IN V OSI 7 GLEJ POSEBEJ.
SIDRA IZ TEMELJEV GLEJ V NAČRTIH AB STEBROV IN STEN.

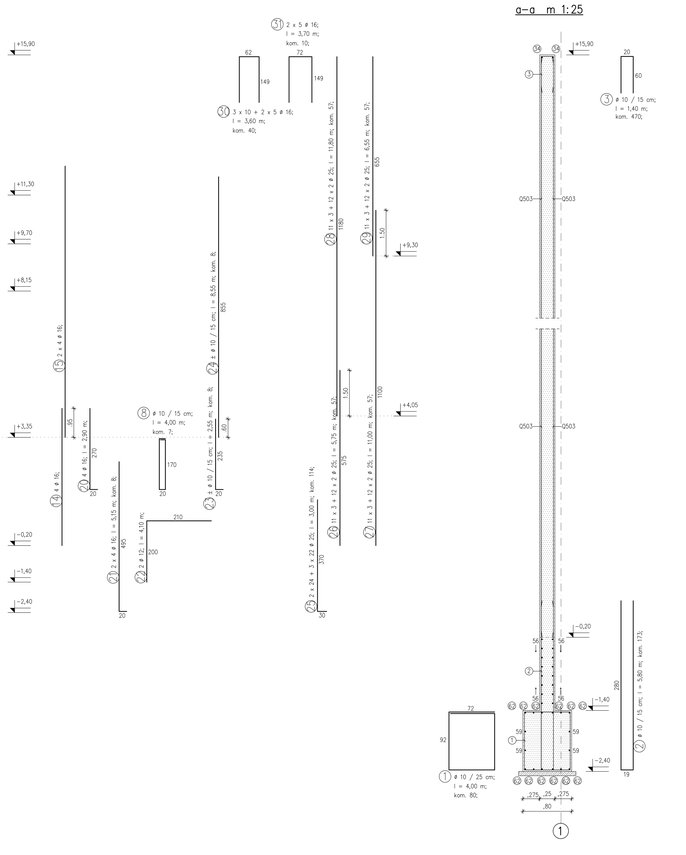
OBVEZNO GLEJ ŠE NAČRT ARHITEKTURE.



GRADBENI BIRO MELE, d.o.o. Merč. 8, pt 025 1340	OBČINA MORAVČE VEGOVA ULICA 9 1251 MORAVČE
Odgovorni projektant: Iztok N. Čančula u.d.i.a. ZAPS 0251 A	Naročnik:
Odgovorni projektant: Janko Mele u.d.i.g. G–0292	REKONSTRUKCIJA IN DOZIDAVA OSNOVNE ŠOLE JURIJA VEGE MORAVČE
Sodelovec: Matejo Resnik	Objekt:
Št. projekta: 042/19	Predmet: ab temelji med osmi B–E/1–7
Datum: november 2020	Faza: PZI
	Merilo: 1 : 50 Št. lista: 2

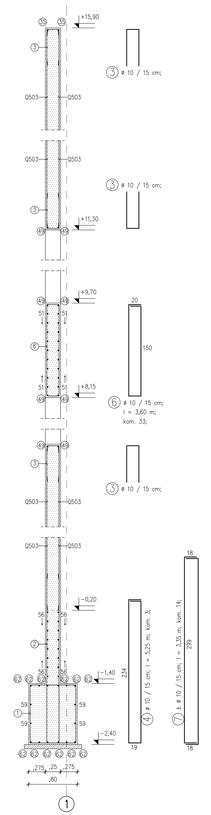
AB KONSTRUKCIJA V OSI 1 C 30/37 m 1:50





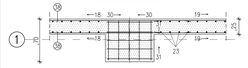
a–a m 1:25

b–b m 1:25

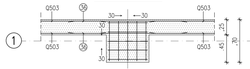


B 500						
ozn.	ø	l	kom.	ø 10	ø 12	ø 16	ø 25
1	10	4,00	80	320,00			
2	10	5,80	173	1003,40			
3	10	1,40	470	658,00			
4	10	5,25	3	15,75			
5	10	3,55	10	35,50			
6	10	3,60	33	118,80			
7	10	3,35	14	46,90			
8	10	4,00	7	28,00			
9	16	3,35	4			13,40	
10	16	5,20	8			41,60	
11	16	6,20	4			24,80	
12	16	6,75	4			27,00	
13	16	8,25	4			33,00	
14	16	4,50	12			54,00	
15	16	8,90	12			106,80	
16	16	6,30	4			25,20	
17	16	3,50	6			21,00	
18	10	3,00	11	33,00			
19	10	2,85	10	28,50			
20	16	2,90	4			11,60	
21	16	5,15	8			41,20	
22	12	4,10	2		8,20		
23	10	2,55	8	20,40			
24	10	8,55	8	68,40			
25	25	3,00	114				342,00
26	25	5,75	57				327,75
27	25	11,00	57				627,00
28	25	11,80	57				672,60
29	25	6,55	57				373,35
30	16	3,60	40			144,00	
31	16	3,70	10			37,00	
32	10	2,85	644	1835,40			
33	10	2,65	972	2575,80			
34	16	12,00	4			48,00	
35	16	11,20	2			22,40	
36	10	1,80	620	1178,00			
37	10	2,00	60	120,00			
38	16	6,30	6			37,80	
39	16	7,00	6			42,00	
40	10	3,00	85	255,00			
41	10	1,10	11	12,10			
42	10	2,55	11	28,05			
43	10	3,80	11	41,80			
44	12	7,05	8		56,40		
45	10	3,70	26	96,20			
46	10	3,00	18	54,00			
47	16	3,45	6			20,70	
48	16	3,60	4			14,40	
49	16	4,20	8			33,60	
50	10	3,25	43	139,75			
51	10	3,85	18	69,30			
52	10	3,15	20	63,00			
53	16	3,50	4			14,00	
54	10	2,30	6	13,80			
55	16	4,50	4	18,00			
56	10	7,45	48	357,60			
57	12	2,65	4		10,60		
58	12	10,10	4		40,40		
59	12	5,05	12		60,60		
60	25	4,25	12				51,00
61	25	11,60	12				139,20
62	25	6,55	36				235,80
		Σ l	9234,45	176,20	813,50	2768,70	
		kg	5845,50	160,50	1318,50	10939,00	
		Σ kg	18.263,50				

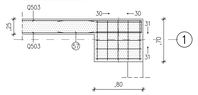
h–h m 1:25



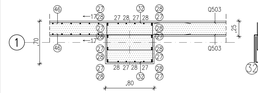
d–d m 1:25



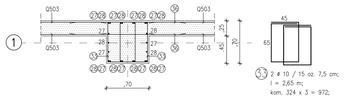
f–f m 1:25



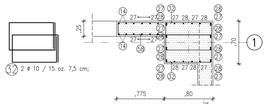
g–g m 1:25



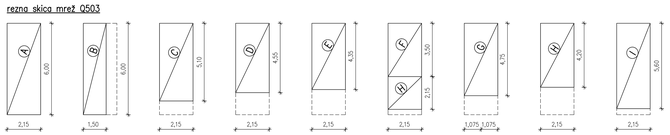
c–c m 1:25



e–e m 1:25



rezna skica mrež Q503



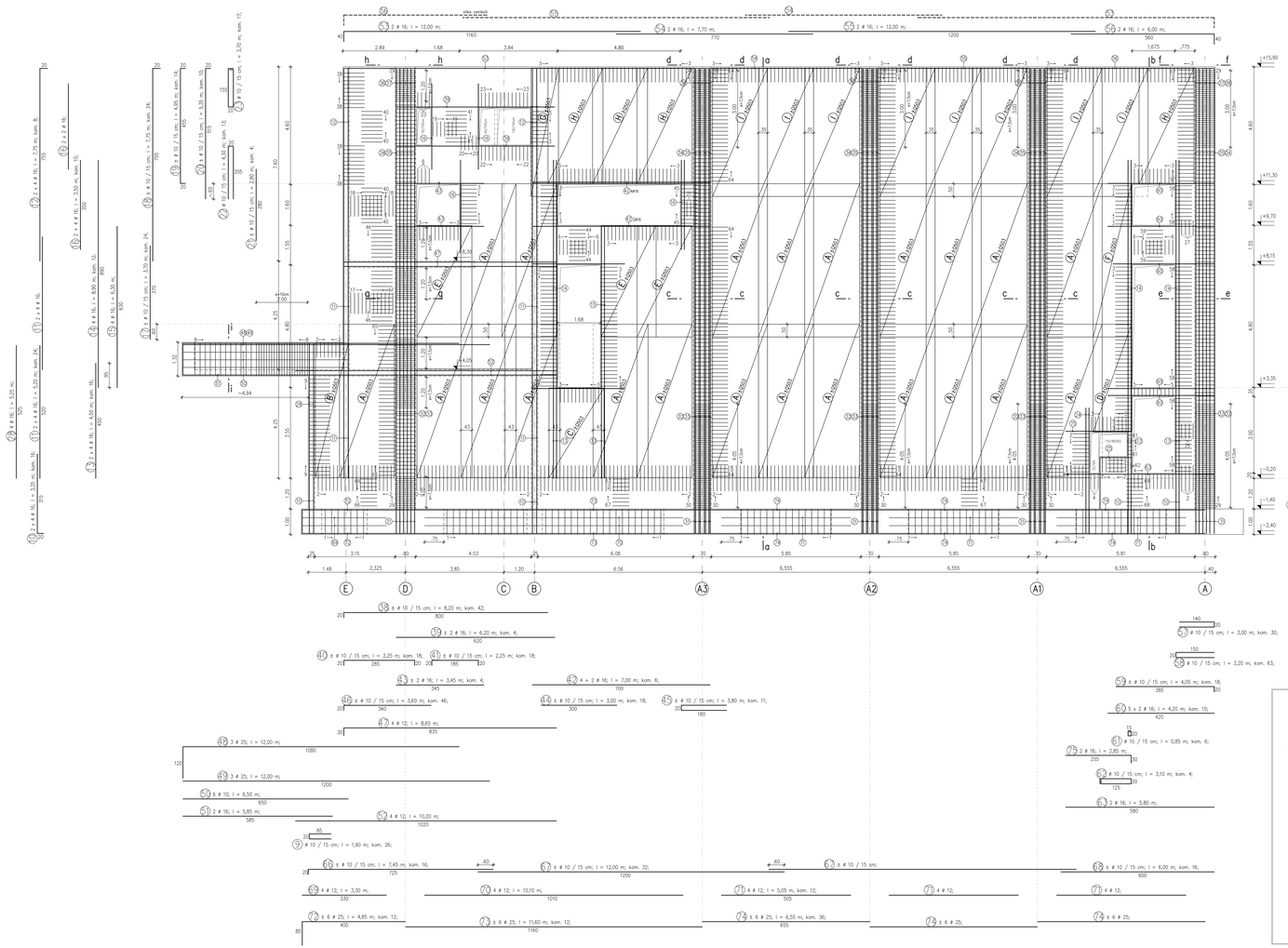
B 500				
POZ.	OZN.	POZ. KOM.	MREŽ KOM.	Σ kg
A		34		
B		2		
C		16		
D		14		
E		4		
F		2		
G		4		
H		2		
I	Q503	4	80	8.239,20

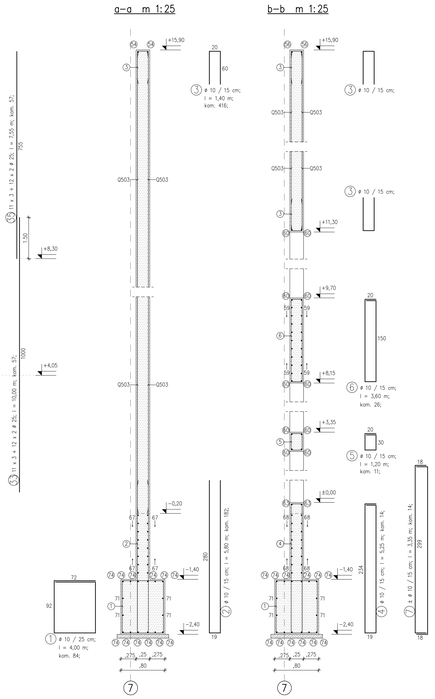
PRED BETONIRANJEM VGRADITI KOVINSKA LEŽIŠČA ZA PRITRDITEV LESENIH NOSILCEV PO DETAJLU DOBAVITELJA LESENE KONSTRUKCIJE.

OBVEZNO GLEJ ŠE NAČRT ARHITEKTURE.

GRADBENI BIRO MELE d.o.o. Ulica 9. avgusta 1a, 1251 Moravče	OBČINA MORAVČE VEGOVA ULICA 9 1251 MORAVČE
Odg.vodja projekta: Iztok N. Čančula u.d.i.g. ZAPS 0251 A	REKONSTRUKCIJA IN DOZIDAVA OSNOVNE ŠOLE JURIJA VEGE MORAVČE
Odgovorni projektant: Janko Mele u.d.i.g. G-0292	Objekt: ----
Sodelovali: Matejo Resnik	Predmet: ab konstrukcija v osi 1
Št. projekta: 042/19	Faza: PZI
Datum: november 2020	Merilo: 1 : 50 Št. lista: 3

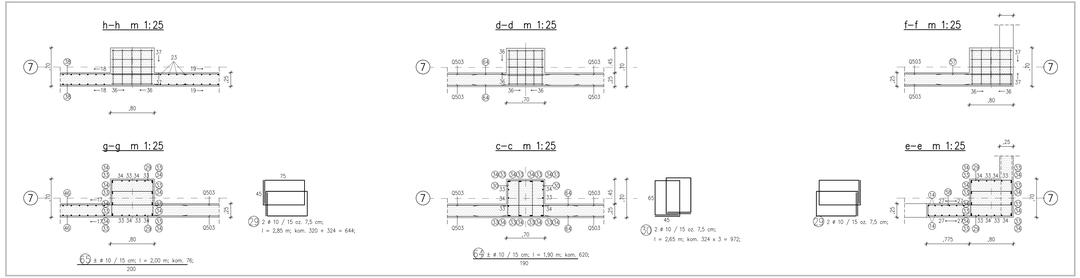
AB KONSTRUKCIJA V OSI 7 C 30/37 m 1:50



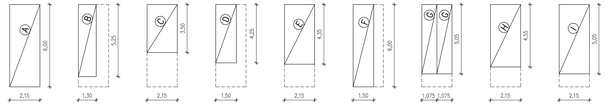


B 500

dim.	ϕ	l	kom.	ϕ 10	ϕ 12	ϕ 16	ϕ 25
1	10	4,00	84	336,00			
2	10	5,80	182	1055,60			
3	10	1,40	416	582,40			
4	10	5,25	14	73,50			
5	10	1,20	11	13,20			
6	10	3,60	26	93,60			
7	10	3,35	14	46,90			
8	10	3,15	33	103,95			
9	10	1,90	26	49,40			
10	16	3,35	16			53,60	
11	16	5,20	24			124,80	
12	16	7,75	8			62,00	
13	16	4,50	16			72,00	
14	16	8,90	12			106,80	
15	16	6,30	4			25,20	
16	16	3,50	10			35,00	
17	10	3,70	24	88,80			
18	10	7,75	24	186,00			
19	10	4,95	14	68,30			
20	10	5,35	10	53,50			
21	10	2,80	4	11,20			
22	10	4,30	13	55,90			
23	10	3,70	17	62,90			
24	16	5,15	4			20,60	
25	12	3,55	2		7,10		
26	10	4,15	8	33,20			
27	10	8,55	8	68,40			
28	16	5,25	4			21,00	
29	10	2,85	644	1835,40			
30	10	2,65	972	2575,80			
31	25	3,00	114				342,00
32	25	5,75	57				327,75
33	25	10,00	57				570,00
34	25	11,80	57				672,60
35	25	7,55	57				430,35
36	10	3,60	40	144,00			
37	16	3,70	10			37,00	
38	10	8,20	42	344,40			
39	16	6,20	4			24,80	
40	10	3,25	18	58,50			
41	10	2,25	18	40,50			
42	16	7,00	6			42,00	
43	16	3,45	4			13,80	
44	10	3,00	18	54,00			
45	10	3,80	11	41,80			
46	10	3,60	46	165,60			
47	12	8,65	4		34,60		
48	25	12,00	3				36,00
49	25	12,00	3				36,00
50	10	6,50	6	39,00			
51	16	5,85	2			11,70	
52	12	10,20	4		40,80		
53	16	12,00	2			24,00	
54	16	7,70	2			15,40	
55	16	12,00	2			24,00	
56	16	6,00	2			12,00	
57	10	3,00	30	90,00			
58	10	3,20	63	201,60			
59	10	4,05	18	72,90			
60	16	4,20	10			42,00	
61	10	0,85	6	5,10			
62	10	3,10	4	12,40			
63	16	5,80	2			11,60	
64	10	1,90	625	1187,50			
65	10	2,00	76	152,00			
66	10	7,45	16	119,20			
67	10	12,00	32	384,00			
68	10	6,00	16	96,00			
69	12	3,30	4	13,20			
70	12	10,10	4	40,40			
71	12	5,05	12	60,60			
72	25	4,85	12				58,20
73	25	11,60	12				139,20
74	25	6,55	36				235,80
75	16	2,85	2				5,70
			Σ l	10593,95	196,70	785,00	2847,90
			kg	6706,00	175,00	1272,50	11250,00
			Σ kg	19.409,50			



rezna skica mrež Q503



B 500

POZ.	OZN.	POZ. KOM.	MREŽ KOM.	∑ kg
A		44		
B		2		
C		2		
D		2		
E		6		
F		2		
G		2		
H		8		
I	Q503	16	83	8.548,17

PRED BETONIRANJEM VGRADITI KOVINSKA LEŽIŠČA ZA PRITRDITEV LESENIH NOSILCEV PO DETAJLU DOBAVITELJA LESENE KONSTRUKCIJE.

OBVEZNO GLEJ ŠE NAČRT ARHITEKTURE.

GRADBENI BIRO MELE d.o.o. Ptuj

Naročnik: OBČINA MORAVČE, VEŽDVA ULICA 9, 1251 MORAVČE

Objekt: REKONSTRUKCIJA IN DOZIDAVA OSNOVNE ŠOLE JURIJA VEGE MORAVČE

Odgovorni projektant: Jonko Mele u.d.i.g. G-0292

Izdelovalec: Matejja Resnik

Št. projekta: 042/19

Datum: november 2020

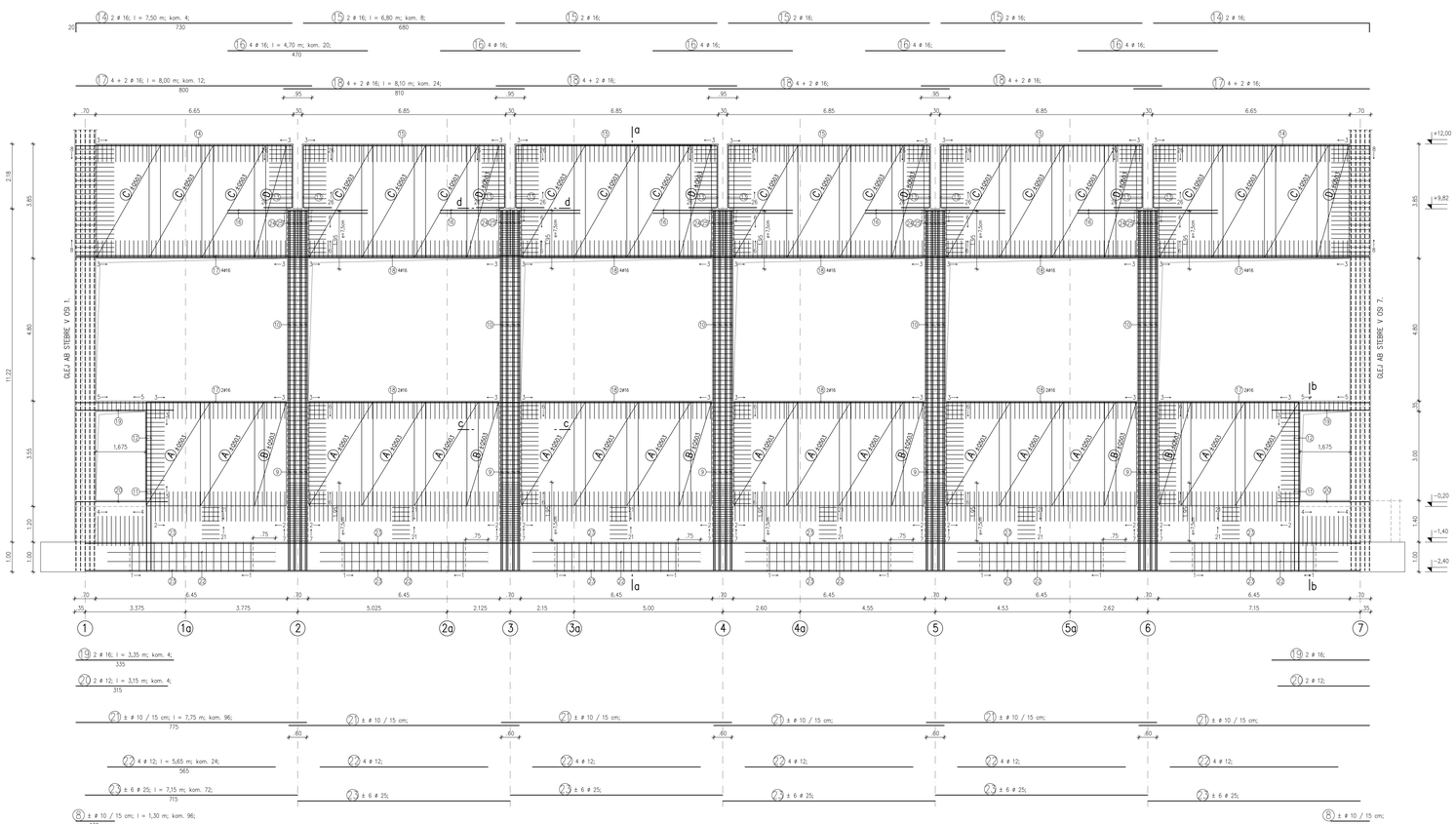
Predmet: AB konstrukcija v osi 7

Faza: PID

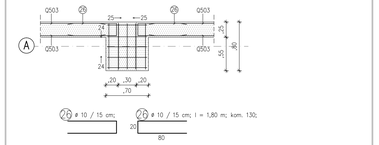
Merilo: 1 : 50

Št. načr.: 4

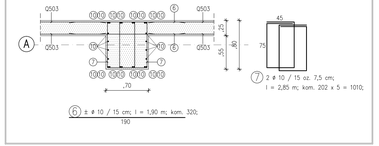
AB KONSTRUKCIJA V OSI A C 30/37 m 1:50



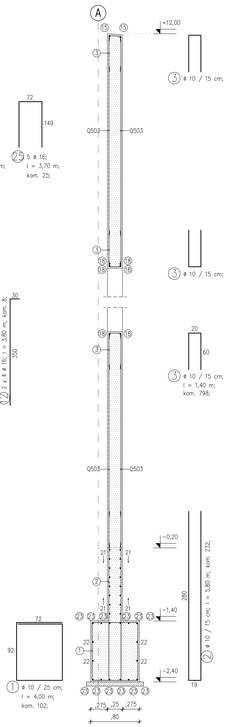
d–d m 1:25



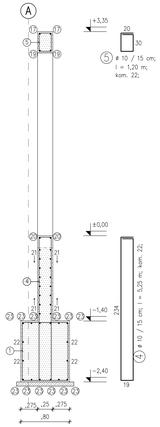
c–c m 1:25



a–a m 1:25



b–b m 1:25



B 500

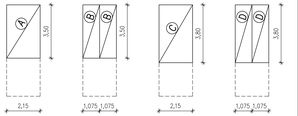
ozn.	ø	l	kom.	ø 10	ø 12	ø 16	ø 25
1	10	4,00	102	408,00			
2	10	5,80	232	1345,60			
3	10	1,40	798	1117,20			
4	10	5,25	22	115,50			
5	10	1,20	22	26,40			
6	10	1,90	320	608,00			
7	10	2,85	1010	2878,50			
8	10	1,30	96	124,80			
9	25	4,00	120				480,00
10	25	9,95	120				1194,00
11	16	3,35	8			26,80	
12	16	3,80	8			30,40	
13	16	4,00	20			80,00	
14	16	7,50	4			30,00	
15	16	6,80	8			54,40	
16	16	4,70	20			94,00	
17	16	8,00	12			96,00	
18	16	8,10	24			194,40	
19	16	3,35	4			13,40	
20	12	3,15	4		12,60		
21	10	7,75	96	744,00			
22	12	5,65	24		135,60		
23	25	7,15	72				514,80
24	16	3,60	25			90,00	
25	16	3,70	25			92,50	
26	10	1,80	130	234,00			
		Σ l	7602,00	148,20	801,90	2188,80	
		kg	4812,00	135,00	1300,00	8648,00	
		Σ kg	14.895,00				

PRED BETONIRANJEM VGRADITI KOVINSKA LEŽIŠČA ZA PRITRDITEV LESENIH NOSILCEV PO DETAJLU DOBAVITELJA LESENE KONSTRUKCIJE.

B 500

POZ.	OZN.	POZ. KOM.	MREŽ KOM.	Σ kg
A		32		
B		12		
C		36		
D	Q503	12	80	8.239,20

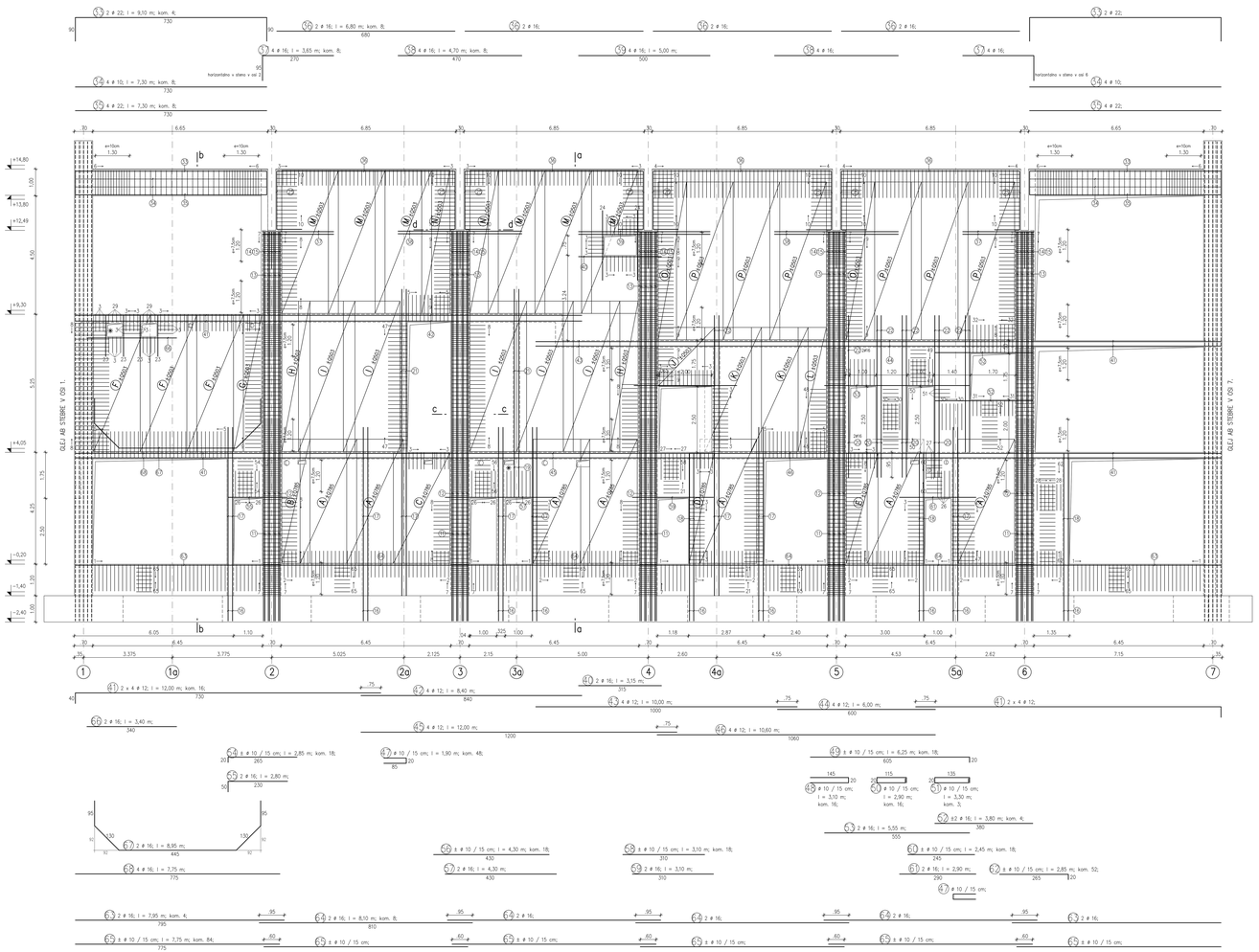
rezna skica mrež Q503

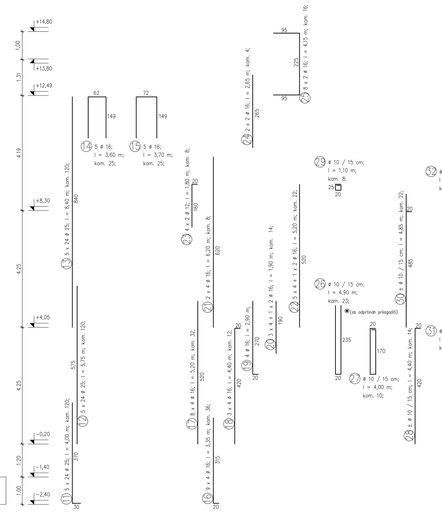


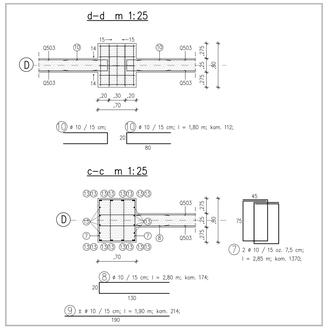
OBVEZNO GLEJ ŠE NAČRT ARHITEKTURE.

GRADBENI BIRO MELE d.o.o. Mele 8, pri 2325 TRBONJE		Naročnik:	OBČINA MORAVČE VEGOVA ULICA 9 1251 MORAVČE
Odg. vodja projekta:	Iztok N. Čončula u.d.i.g. ZAPS 0251 A	Objekt:	REKONSTRUKCIJA IN DOZIDAVA OSNOVNE ŠOLE JURIJA VEGE MORAVČE
Odgovorni projektant:	Janko Mele u.d.i.g. G-0292		
Sodelavci:	Mateja Resnik	Predmet:	ab konstrukcija v osi A
Št. projekta:	042/19	Faza:	PZI
Datum:	november 2020	Merilo:	1 : 50
		Št. lista:	5

AB KONSTRUKCIJA V OSI D C 30/37 m 1:50

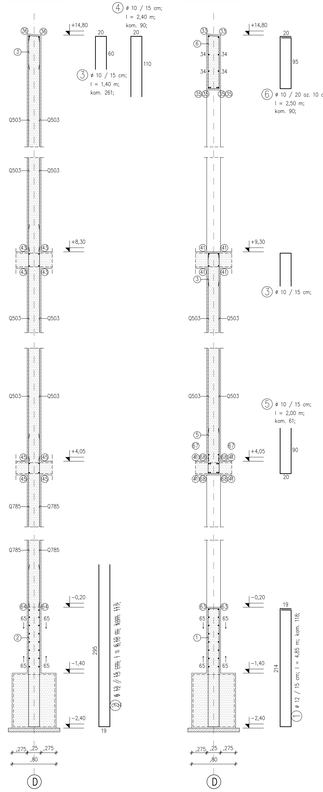






d–d m 1:25

c–c m 1:25



a–a m 1:25

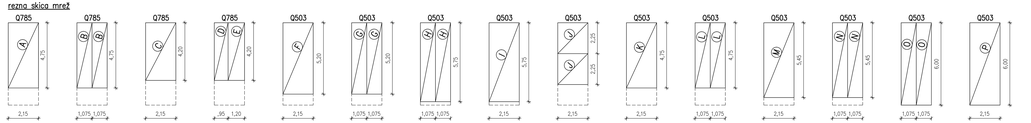
b–b m 1:25

B 500

dim.	ø	l	kom.	ø 10	ø 12	ø 16	ø 22	ø 25
1	12	4,85	118		572,30			
2	12	6,10	117		713,70			
3	10	1,40	261	365,40				
4	10	2,40	90	216,00				
5	10	2,00	61	122,00				
6	10	2,50	90	225,00				
7	10	2,85	1370	3904,50				
8	10	2,80	174	487,20				
9	10	1,90	214	406,60				
10	10	1,80	112	201,60				
11	25	4,00	120					480,00
12	25	5,75	120					690,00
13	25	8,40	120					1008,00
14	16	3,60	25			90,00		
15	16	3,70	25			92,50		
16	16	3,35	36			120,60		
17	16	5,20	32			166,40		
18	16	4,40	12			52,80		
19	16	2,90	4			11,60		
20	16	1,90	14			26,60		
21	16	6,20	8			49,60		
22	16	5,20	22			114,40		
23	12	1,80	8		14,40			
24	16	2,65	4			10,60		
25	16	4,15	16			66,40		
26	10	4,90	23	112,70				
27	10	4,00	10	40,00				
28	10	4,40	14	61,60				
29	10	1,10	8	8,80				
30	10	4,85	22	106,70				
31	10	4,15	11	45,65				
32	10	2,40	11	26,40				
33	22	9,10	4				36,40	
34	10	7,30	8	58,40				
35	22	7,30	8				58,40	
36	16	6,80	8			54,40		
37	16	3,65	8			29,20		
38	16	4,70	8			37,60		
39	16	5,00	4			20,00		
40	16	3,15	2			6,30		
41	12	12,00	16		192,00			
42	12	8,40	4		33,60			
43	12	10,00	4		40,00			
44	12	6,00	4		24,00			
45	12	12,00	4		48,00			
46	12	10,60	4		42,40			
47	10	1,90	48	91,20				
48	10	3,10	16	49,60				
49	10	6,25	18	112,50				
50	10	2,90	16	46,40				
51	10	3,30	3	9,90				
52	16	3,80	4			15,20		
53	16	5,55	2			11,10		
54	10	2,85	18	51,30				
55	16	2,80	2			5,60		
56	10	4,30	18	77,40				
57	16	4,30	2			8,60		
58	10	3,10	18	55,80				
59	16	3,10	2			6,20		
60	10	2,45	18	44,10				
61	16	2,90	2			5,80		
62	10	2,85	52	148,20				
63	16	7,95	4			31,80		
64	16	8,10	8			64,80		
65	10	7,75	84	651,00				
66	16	3,40	2			6,80		
67	16	8,95	2			17,90		
68	16	7,75	4			31,00		
		Σ t		7725,95	1680,40	1153,80	94,80	2178,00
		kg		4890,30	1535,00	1870,50	290,00	8605,50
		Σ kg		17.187,50				

PRED BETONIRANJEM VGRADITI KOVINSKA LEŽIŠČA ZA PRITRDITEV LESENIH NOSILCEV PO DETAJLU DOBAVITELJA LESENE KONSTRUKCIJE.

OBVEZNO GLEJ ŠE NAČRT ARHITEKTURE.



B 500

POZ.	OZN.	POZ. KOM.	MREŽ KOM.	kg
A	Q785	14	19	3057,48
B		2		
C		2		
D		2		
E		2		
F		6		
G		2		
H		4		
I		10		
J		2		
K		4		
L		2		
M		12		
N		4		
O		4		
P	Q503	12	53	5458,47
		Σ kg		8.515,95

GRADBENI BIRO MELE d.o.o. Ljubljana, Slovenija	Naročnik: OBČINA MORAVČE, VEGOVA ULICA 9, 1251 MORAVČE
Odg. vodja projekta: Iztok N. Čandula u.d.i.a. ZAPS 0251 A	Objekt: REKONSTRUKCIJA IN DOZIDAVA OSNOVNE ŠOLE JURIJA VEGE MORAVČE
Odgovorni projektant: Jorko Mele u.d.i.g. G-0292	
Sodelovali: Matejja Resnik	Predmet: AB konstrukcija v osi D
Št. projekta: 042/19	Faza: PID
Datum: november 2020	Merilo: 1 : 50 Št. lista: 6