Osnovni podaci o modelu

Datoteka:	tp pip 1.0.twp
Datum proracuna:	16.2.2011

Nacin proracuna: 3D model

[X] Teorija I-og reda	[ ] Modalna analiza	[ ] Stabilnost
[ ] Teorija II-og reda	[ ] Seizmicki proracun	[ ] Faze gradjenja
[ ] Nelinearan proracun		

Velicina modela

Broj cvorova:	1240
Broj plocastih elemenata:	1206
Broj grednih elemenata:	25
Broj granicnih elemenata:	3780
Broj osnovnih slucajeva opterecenja:	2
Broj kombinacija opterecenja:	2

Jedinice mera

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

Ulazni podaci - Konstrukcija

Tabela materijala

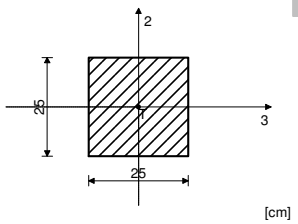
No	Naziv materijala	E[kN/m2]	μ	γ[kN/m3]	αt[1/C]	Em[kN/m2]	μm
1	Betoni MB 30	3.150e+7	0.20	25.00	1.000e-5	3.150e+7	0.20

Setovi ploca

No	d[m]	e[m]	Materijal	Tip proracuna	Ortotropija	E2[kN/m2]	G[kN/m2]	α
<1>	0.200	0.100	1	Tanka ploca	Izotropna			
<2>	0.250	0.125	1	Tanka ploca	Izotropna			

Setovi greda

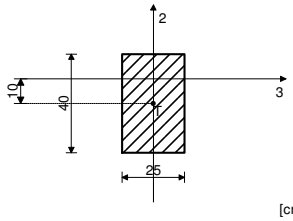
Set: 1 Presek: b/d=25/25, Fiktivna ekscentricnost



[cm]

Mat.	A1	A2	A3	I1	I2	I3
1 - Betoni MB 30	6.250e-2	5.208e-2	5.208e-2	5.501e-4	3.255e-4	3.255e-4

Set: 2 Presek: b/d=25/40, Fiktivna ekscentricnost

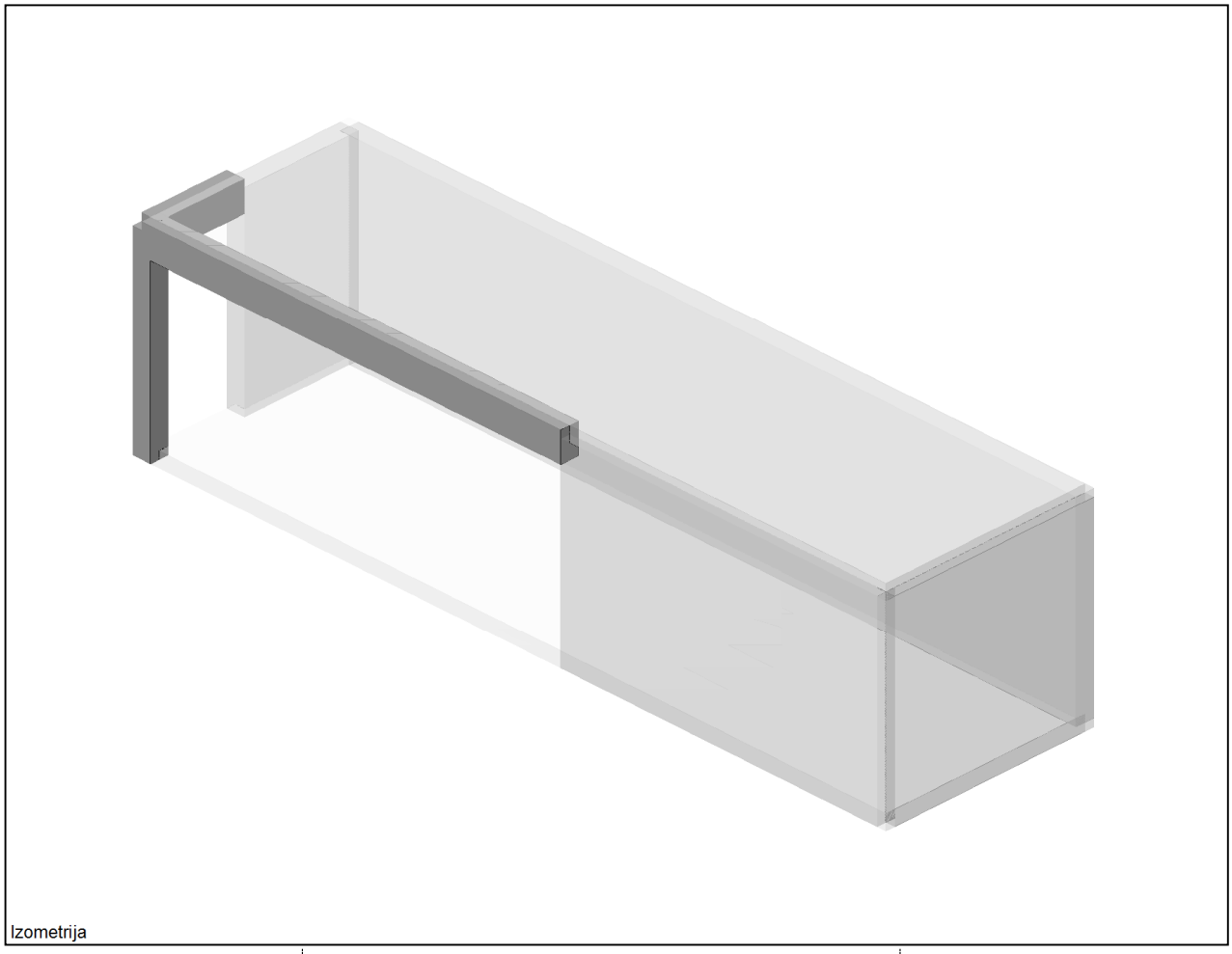


[cm]

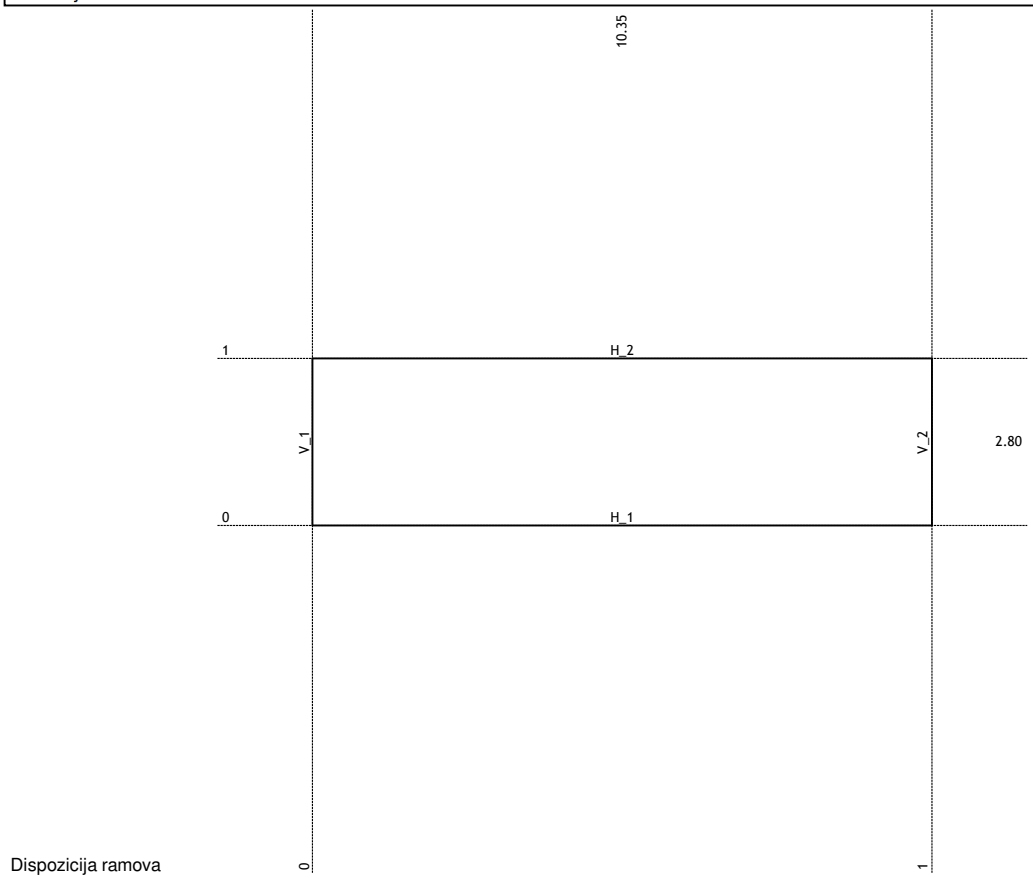
Mat.	A1	A2	A3	I1	I2	I3
1 - Betoni MB 30	1.000e-1	8.333e-2	8.333e-2	1.273e-3	5.208e-4	1.333e-3

Setovi povrsinskih oslonaca

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



Izometrija



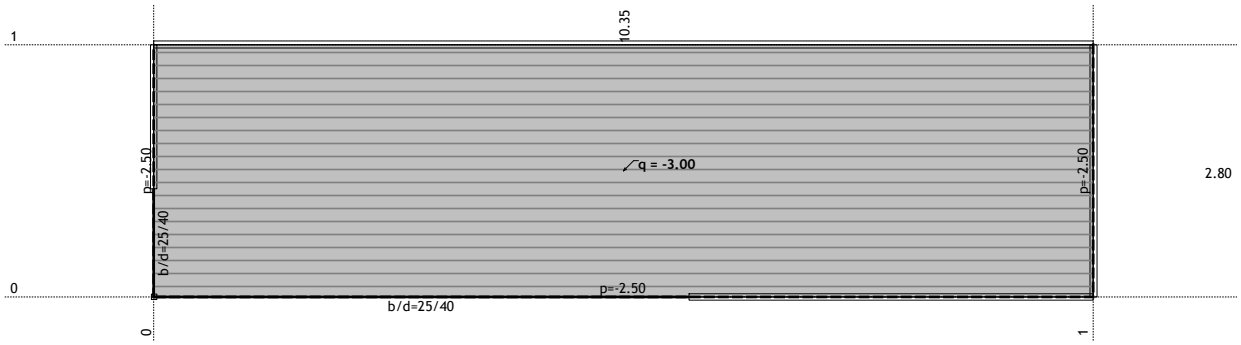
Dispozicija ramova

Lista slucajeva opterecenja

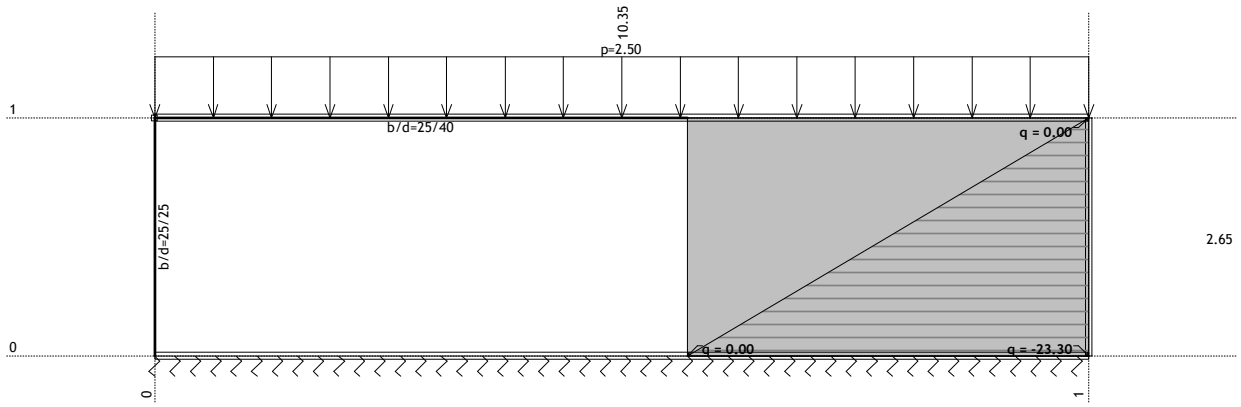
No	Titulli
1	g (g)
2	p

3	Komb.: I+II
4	Komb.: 1.6xI+1.8xII

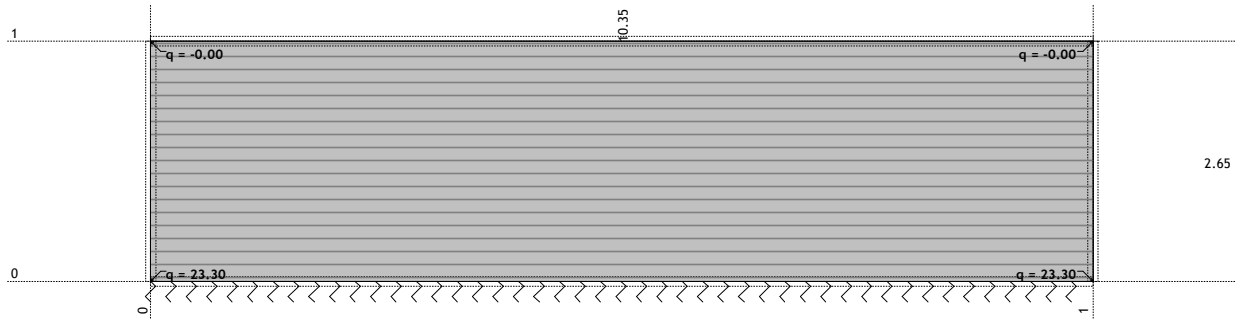
Opt. 1: g (g)



Nivo: gornja ploca [0.00 m]
Opt. 1: g (g)

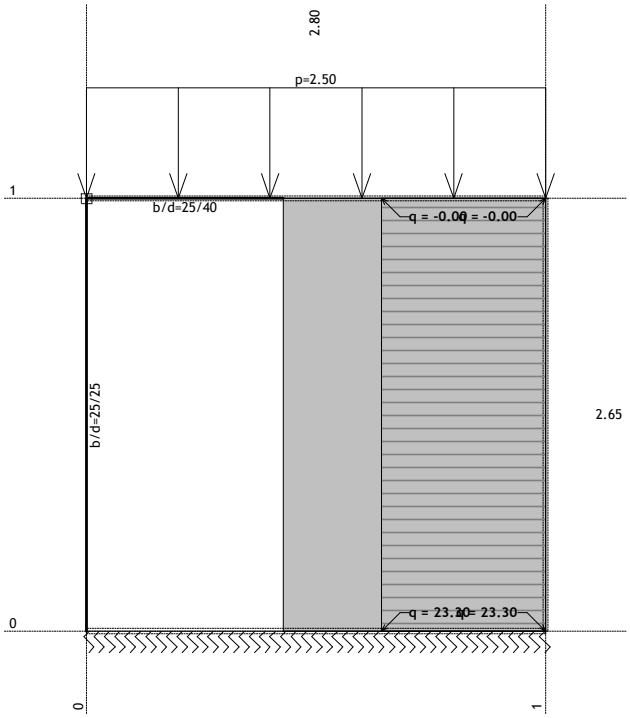


Ram: H_1
Opt. 1: g (g)

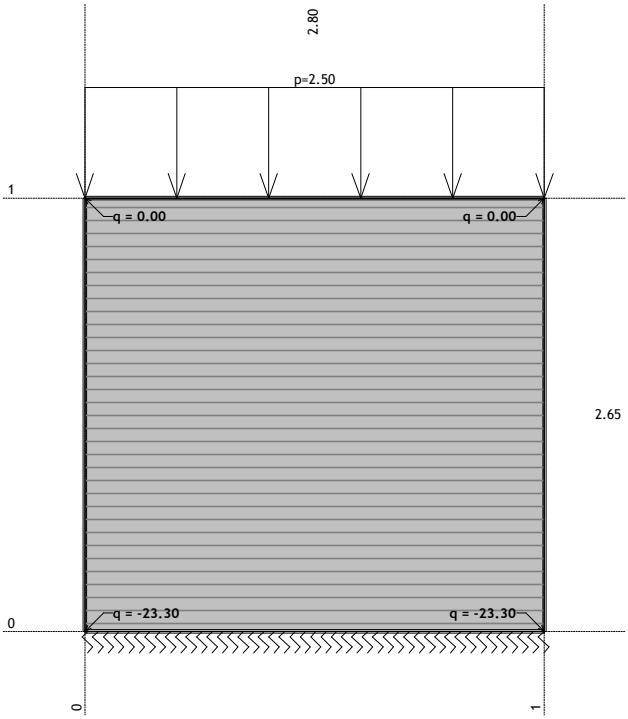


Ram: H_2

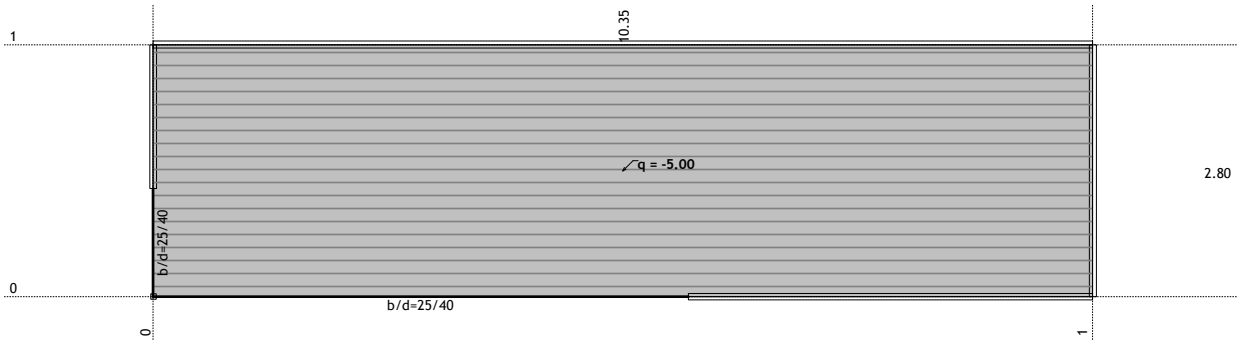
Opt. 1: g (g)



Opt. 1: g (g)

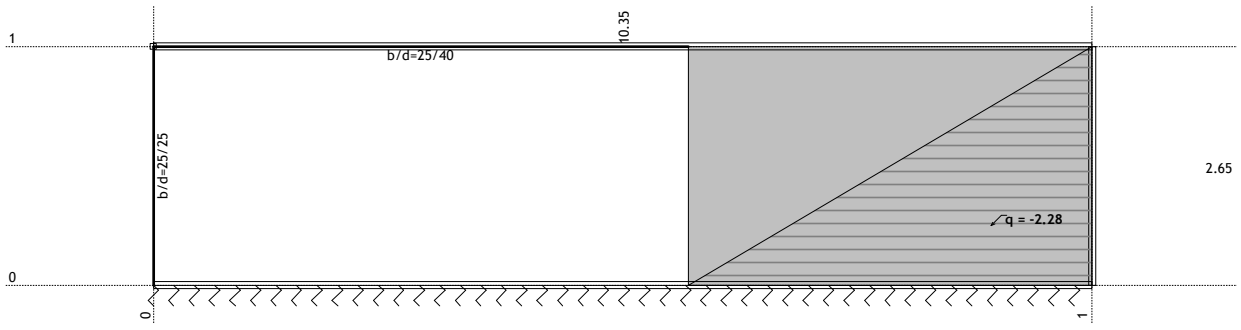


Ram: V_1
Opt. 2: p



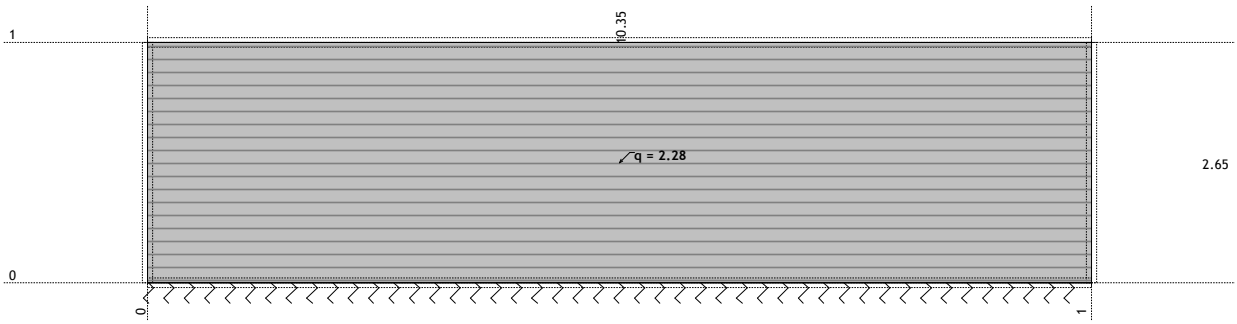
Ram: V_2

Nivo: gornja ploca [0.00 m]
Opt. 2: p

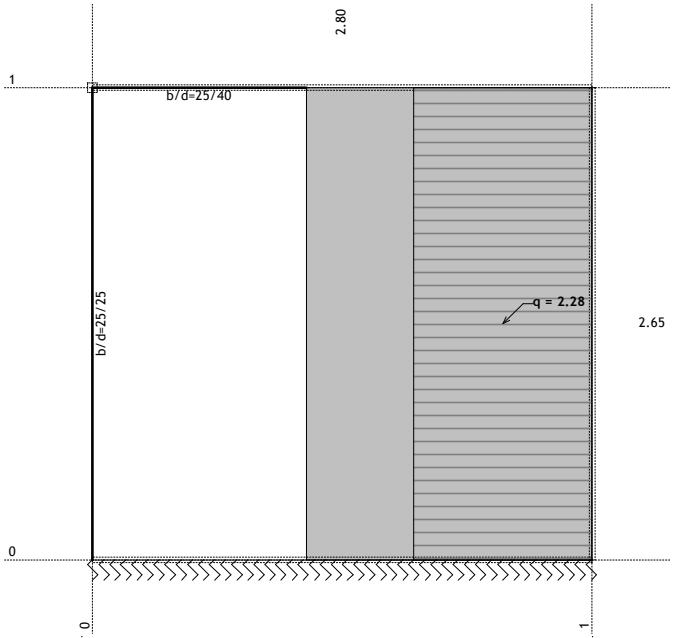


Ram: H_1

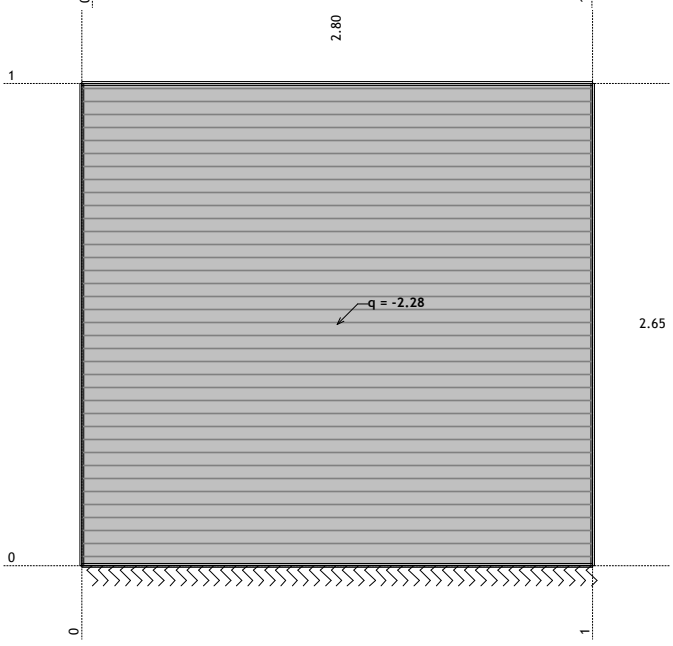
Opt. 2: p



Ram: H_2
Opt. 2: p

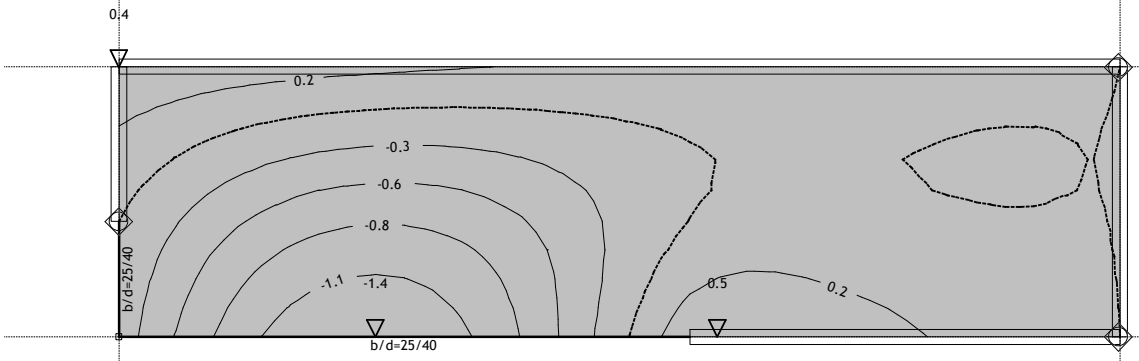


Ram: V_1
Opt. 2: p



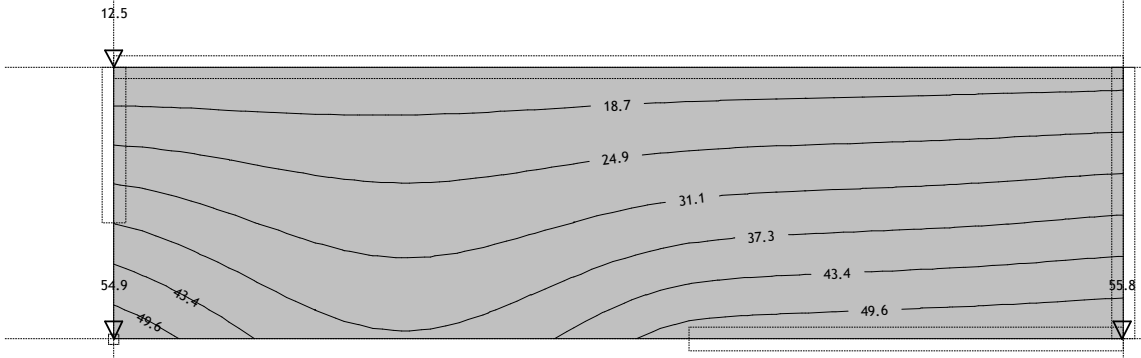
Ram: V_2

Opt. 3: I+II



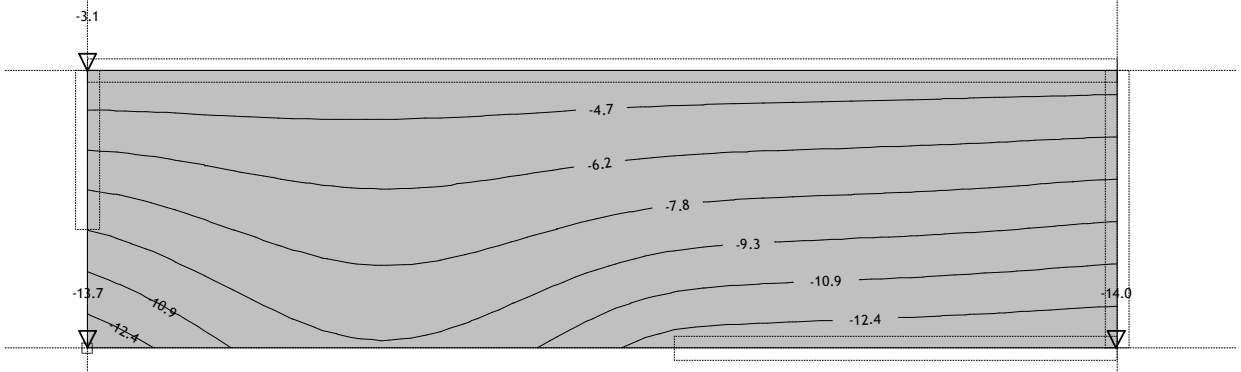
Nivo: gornja ploca [0.00 m]
Relativni ugib ploca: max wr= 0.5 / min wr= -1.4 m / 1000

Opt. 3: I+II



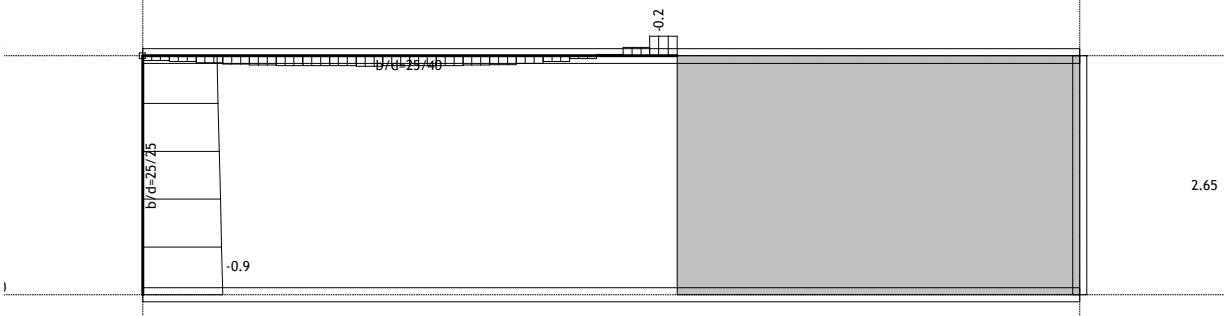
Nivo: donja ploca [-2.65 m]
Uticaji u pov. osloncu: max σ,tla= 55.8 / min σ,tla= 12.5 kN/m2

Opt. 3: I+II



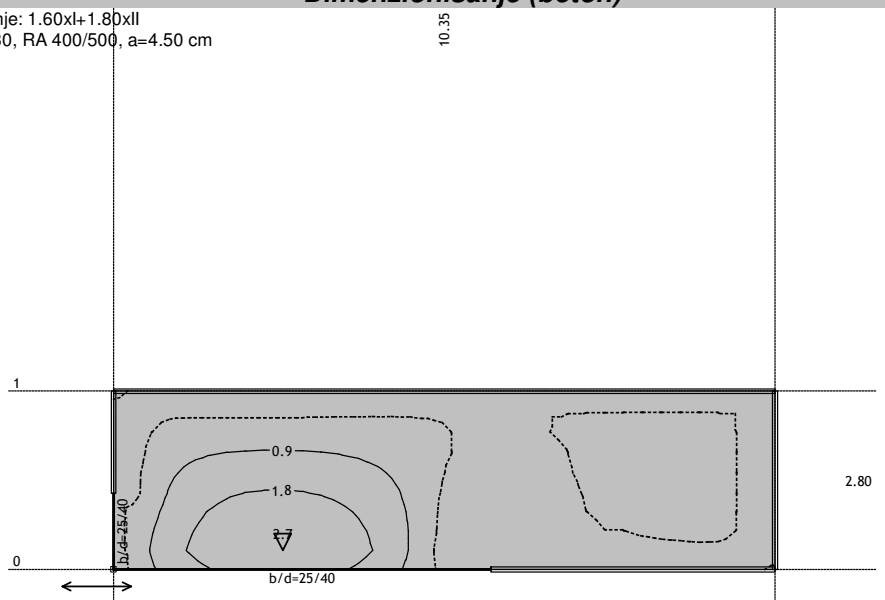
Nivo: donja ploca [-2.65 m]
Uticaji u pov. osloncu: max s,tla= -3.1 / min s,tla= -14.0 m / 1000

Opt. 3: I+II

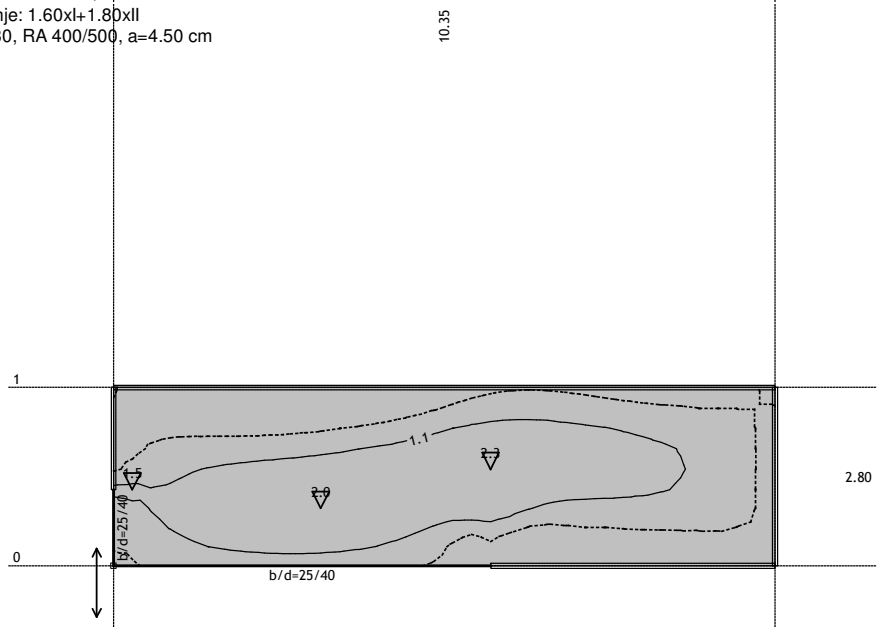


Ram: H_1
Uticaji u gredi: max σ,0= 0.1 / min σ,0= -0.9 MPa

Merodavno opterecenje: 1.60xl+1.80xll
@1@PBAB 87, MB 30, RA 400/500, a=4.50 cm

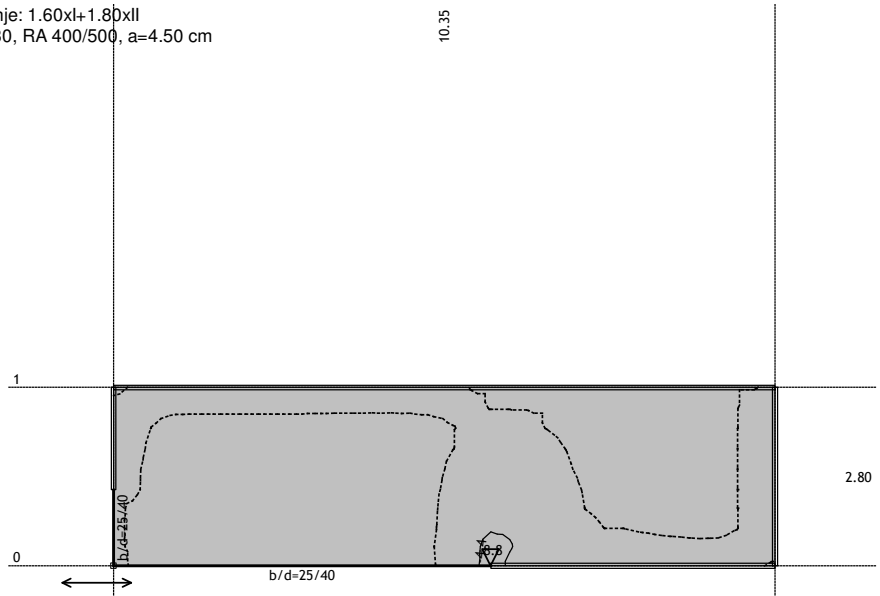


Nivo: gornja ploca [0.00 m]
Aa - d.zona - Pravac 1 - max Aa1,d= 2.7 cm2/m
Merodavno opterecenje: 1.60xl+1.80xll
@1@PBAB 87, MB 30, RA 400/500, a=4.50 cm



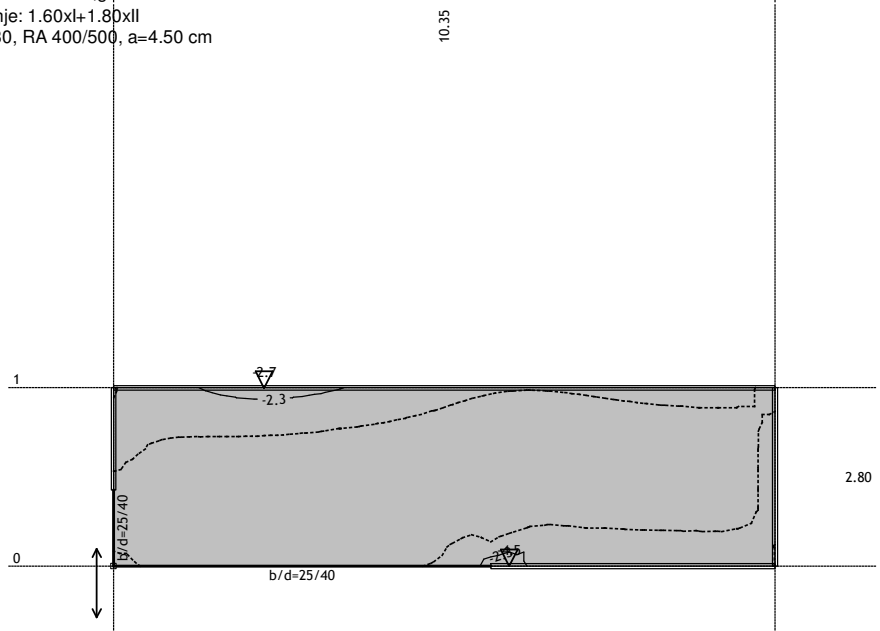
Nivo: gornja ploca [0.00 m]
Aa - d.zona - Pravac 2 - max Aa2,d= 2.3 cm2/m

Merodavno opterecenje: 1.60xI+1.80xII
@1@PBAB 87, MB 30, RA 400/500, a=4.50 cm



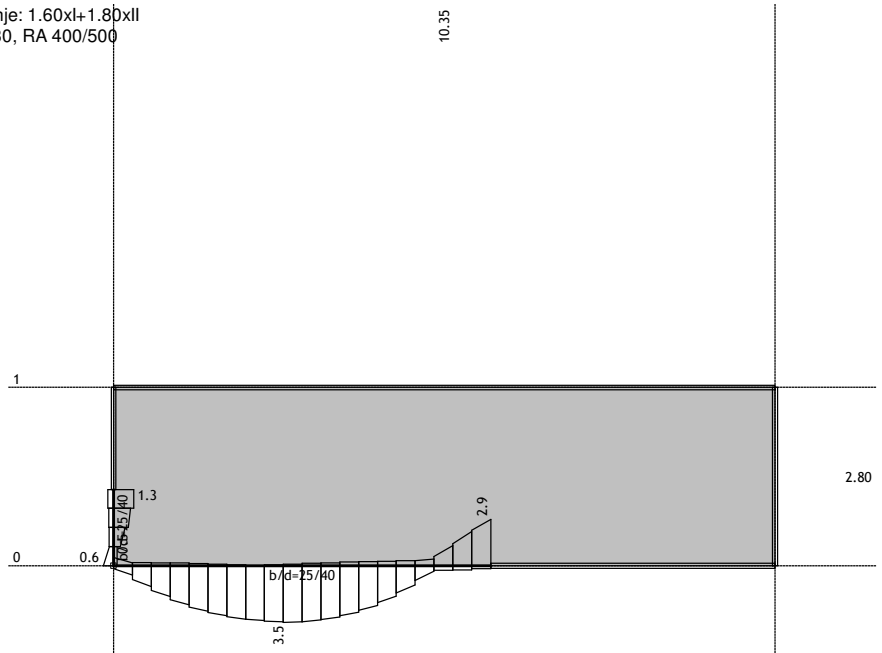
Nivo: gornja ploca [0.00 m]
Aa - g.zona - Pravac 1 - max Aa1,g= -8.8 cm2/m

Merodavno opterecenje: 1.60xI+1.80xII
@1@PBAB 87, MB 30, RA 400/500, a=4.50 cm



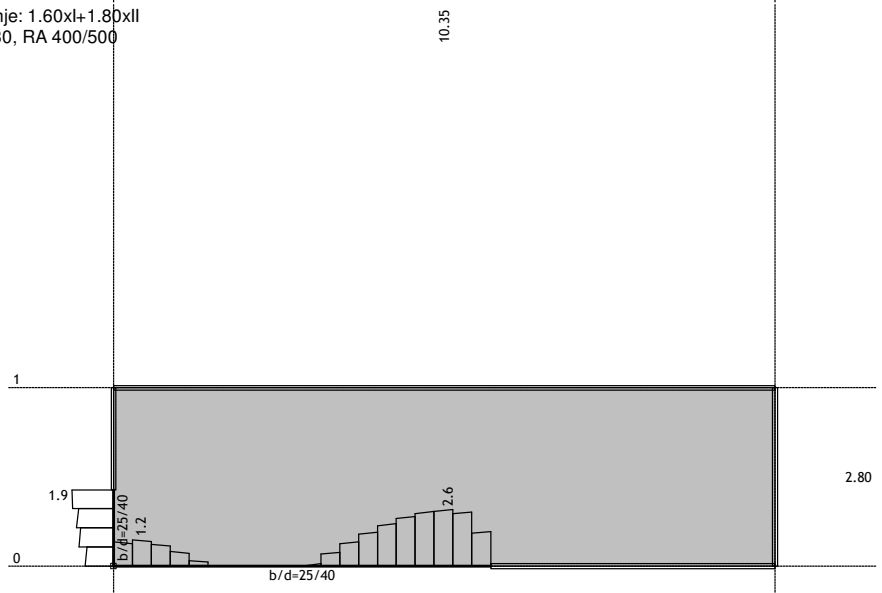
Nivo: gornja ploca [0.00 m]
Aa - g.zona - Pravac 2 - max Aa2,g= -4.5 cm2/m

Merodavno opterecenje: 1.60xI+1.80xII
@1@PBAB 87, MB 30, RA 400/500



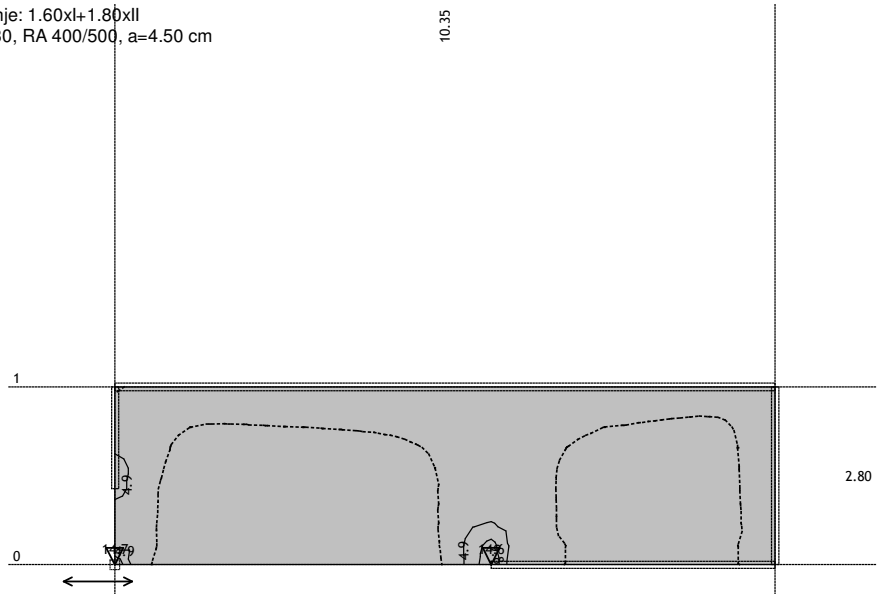
Nivo: gornja ploca [0.00 m]
Armatura u gredama: max Aa2/Aa1= 3.6 cm2

Merodavno opterecenje: 1.60xI+1.80xII
@1@PBAB 87, MB 30, RA 400/500



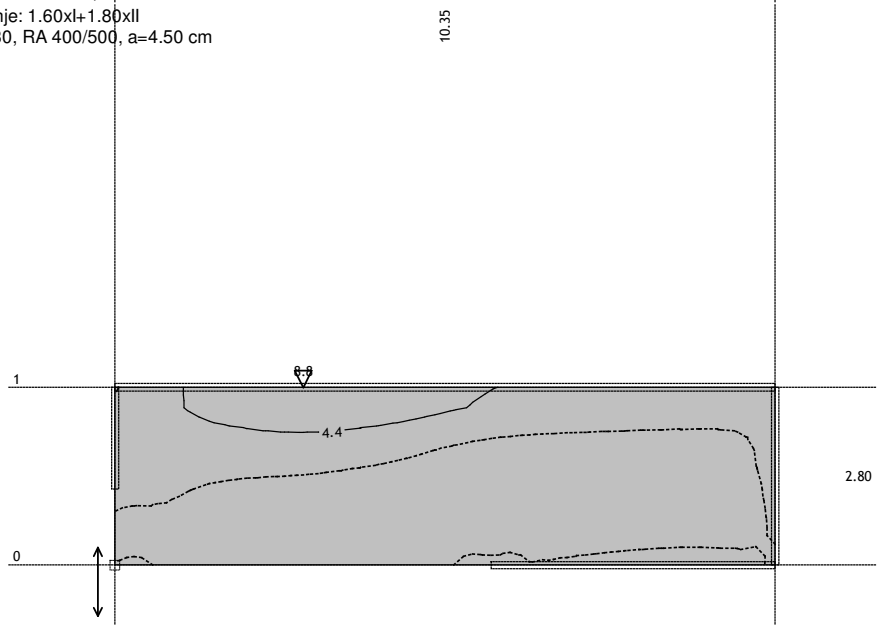
Nivo: gornja ploca [0.00 m]
Armatura u gredama: max Aa,uz= 2.6 cm2

Merodavno opterecenje: 1.60xI+1.80xII
@1@PBAB 87, MB 30, RA 400/500, a=4.50 cm



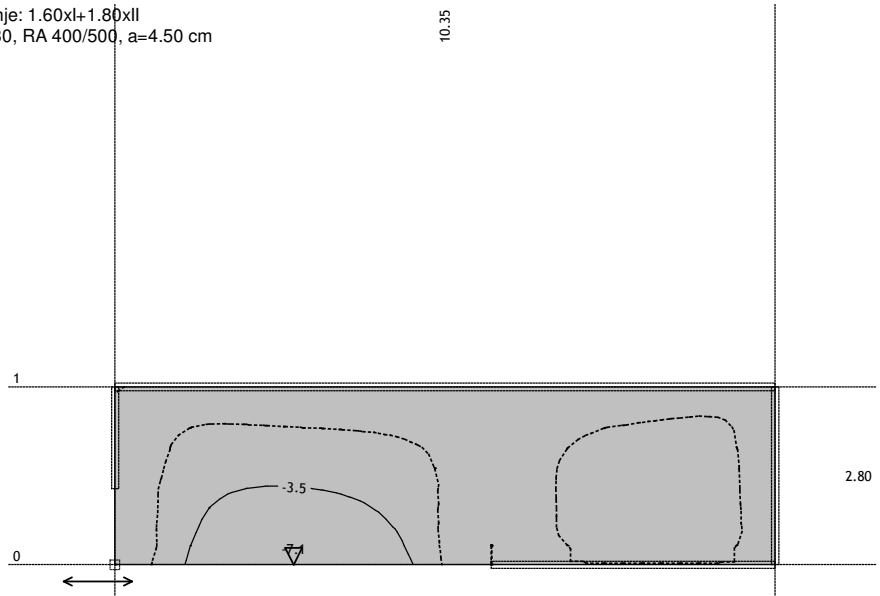
Nivo: donja ploca [-2.65 m]
Aa - d.zona - Pravac 1 - max Aa1,d= 14.7 cm2/m

Merodavno opterecenje: 1.60xI+1.80xII
@1@PBAB 87, MB 30, RA 400/500, a=4.50 cm



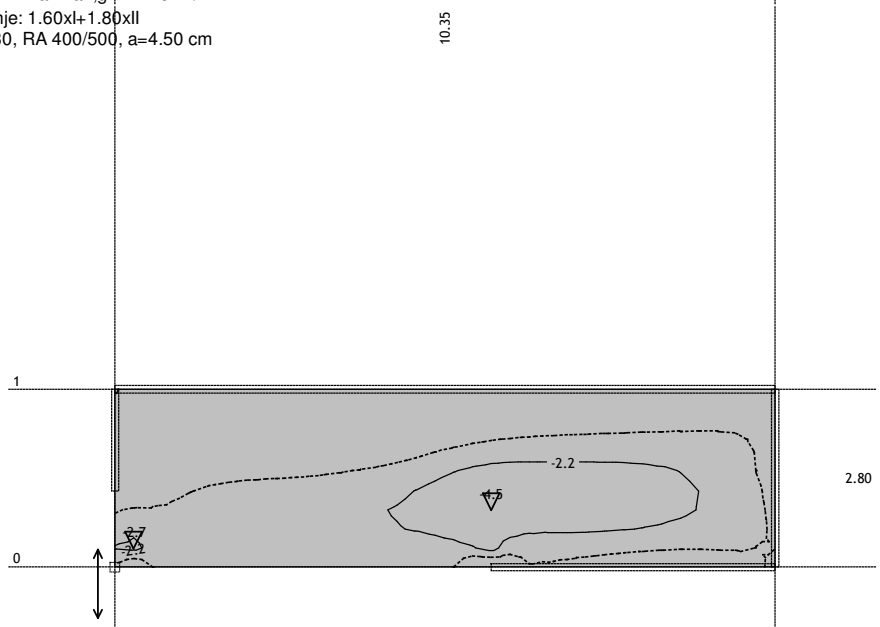
Nivo: donja ploca [-2.65 m]
Aa - d.zona - Pravac 2 - max Aa2,d= 8.8 cm2/m

Merodavno opterecenje: 1.60xI+1.80xII
@1@PBAB 87, MB 30, RA 400/500, a=4.50 cm



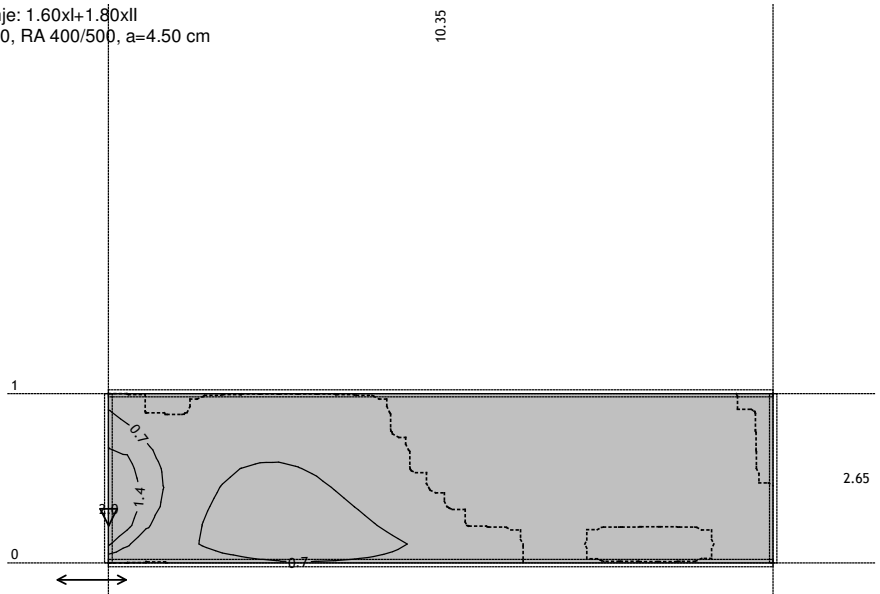
Nivo: donja ploca [-2.65 m]
Aa - g.zona - Pravac 1 - max Aa1,g= -7.1 cm2/m

Merodavno opterecenje: 1.60xI+1.80xII
@1@PBAB 87, MB 30, RA 400/500, a=4.50 cm

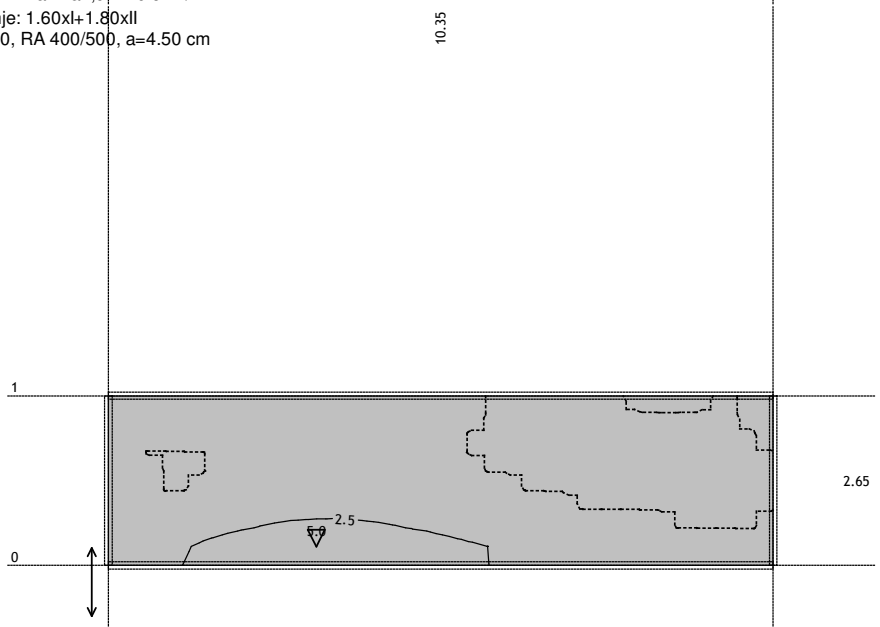


Nivo: donja ploca [-2.65 m]
Aa - g.zona - Pravac 2 - max Aa2,g= -4.5 cm2/m

Merodavno opterecenje: 1.60xI+1.80xII
@1@PBAB 87, MB 30, RA 400/500, a=4.50 cm

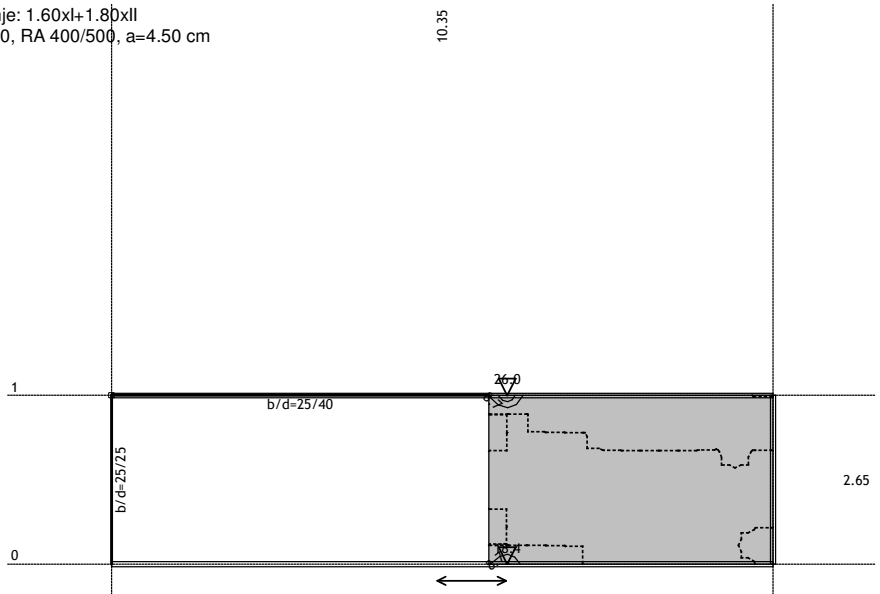


Ram: H_2
Aa - d.zona - Pravac 1 - max Aa1,d= 2.0 cm2/m
Merodavno opterecenje: 1.60xI+1.80xII
@1@PBAB 87, MB 30, RA 400/500, a=4.50 cm



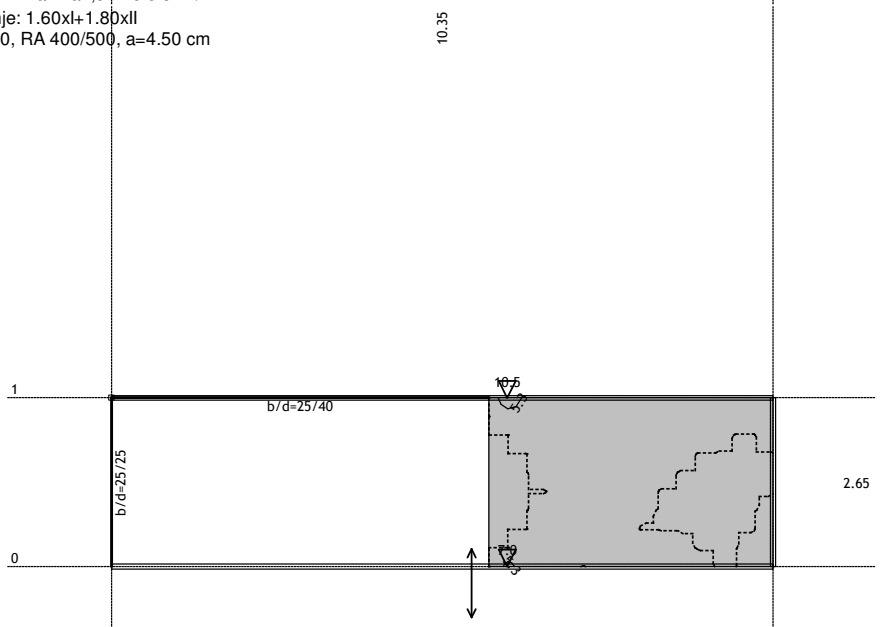
Ram: H_2
Aa - d.zona - Pravac 2 - max Aa2,d= 5.0 cm2/m

Merodavno opterecenje: 1.60xI+1.80xII
@1@PBAB 87, MB 30, RA 400/500, a=4.50 cm



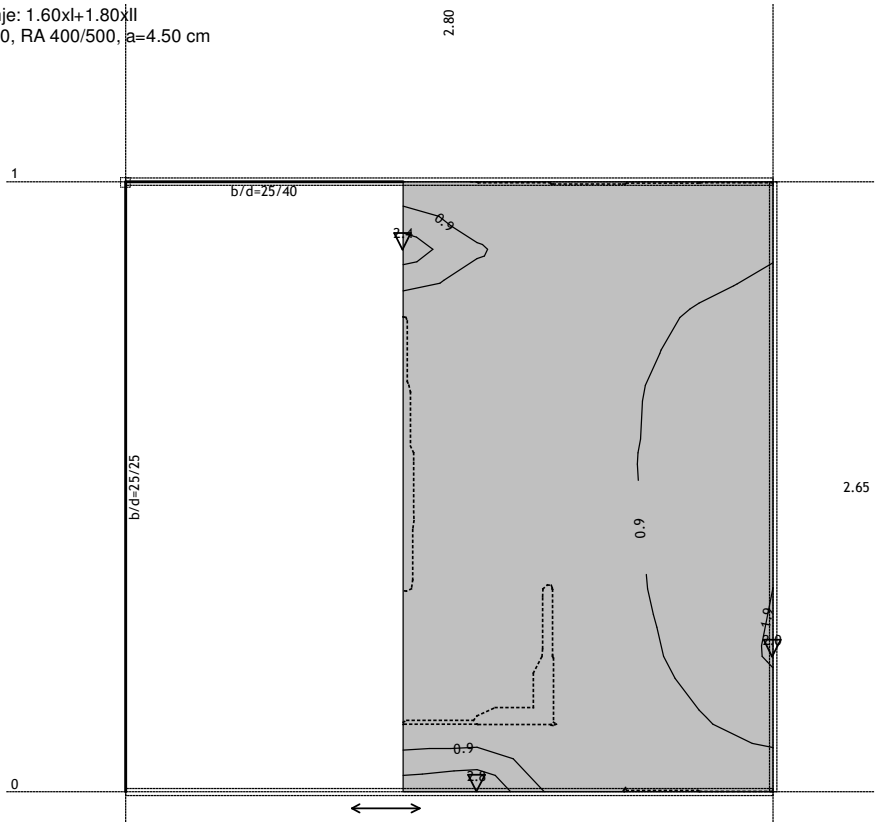
Ram: H_1
Aa - d.zona - Pravac 1 - max Aa1,d= 26.0 cm2/m

Merodavno opterecenje: 1.60xI+1.80xII
@1@PBAB 87, MB 30, RA 400/500, a=4.50 cm



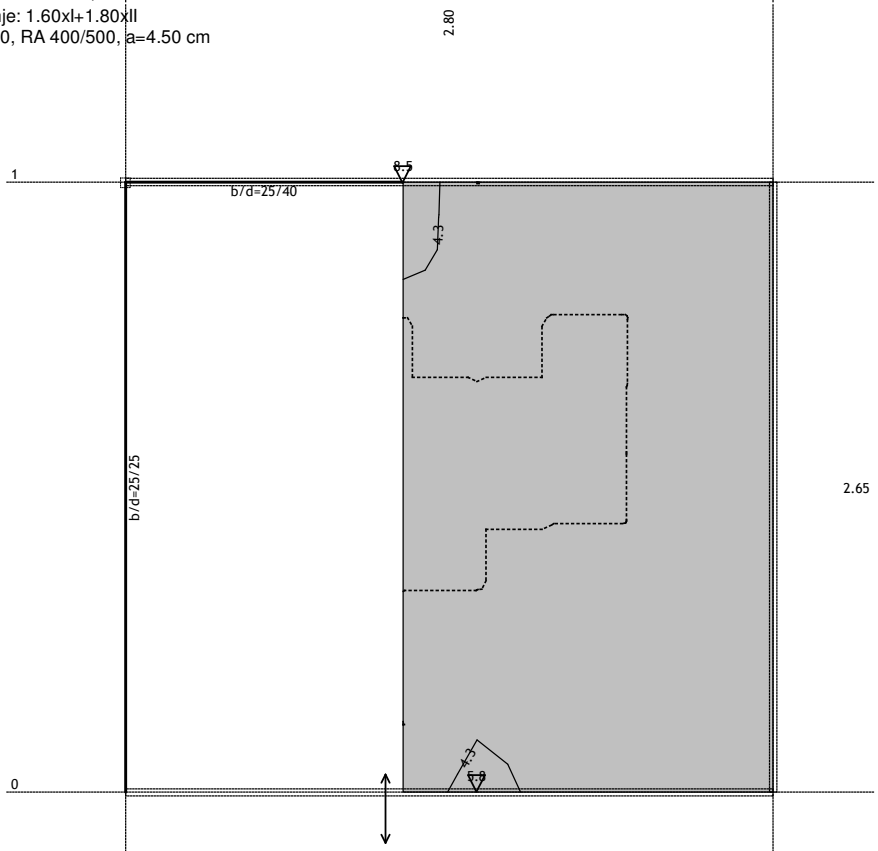
Ram: H_1
Aa - d.zona - Pravac 2 - max Aa2,d= 10.5 cm2/m

Merodavno opterecenje: 1.60xI+1.80xII
@1@PBAB 87, MB 30, RA 400/500, a=4.50 cm



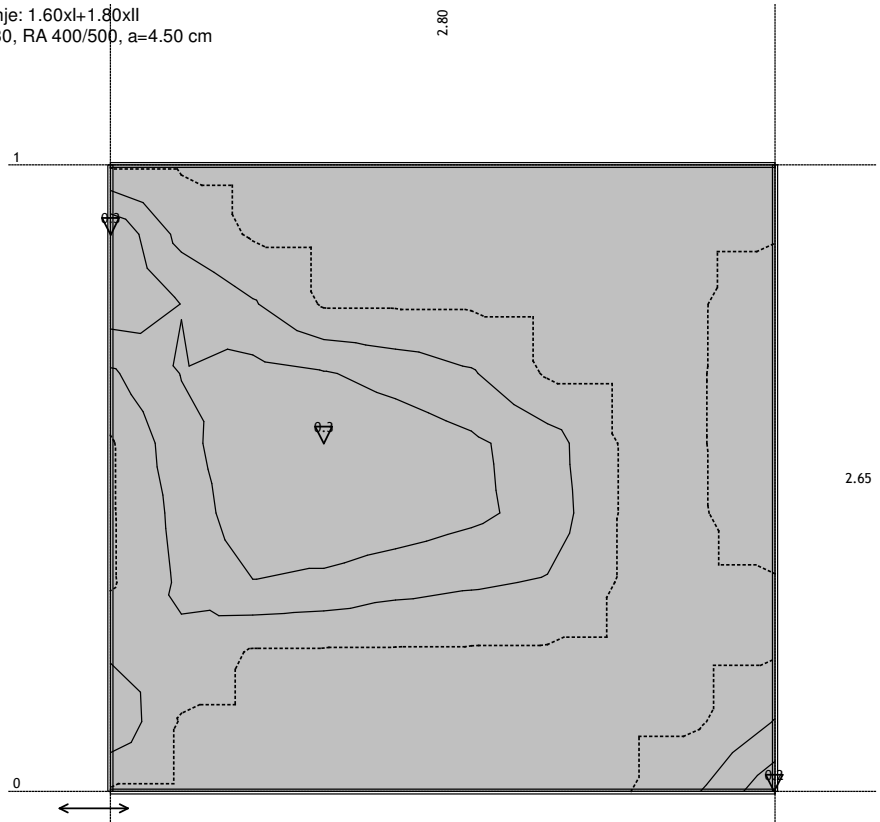
Ram: V_1
Aa - d.zona - Pravac 1 - max Aa1,d=2.8 cm2/m

Merodavno opterecenje: 1.60xI+1.80xII
@1@PBAB 87, MB 30, RA 400/500, a=4.50 cm

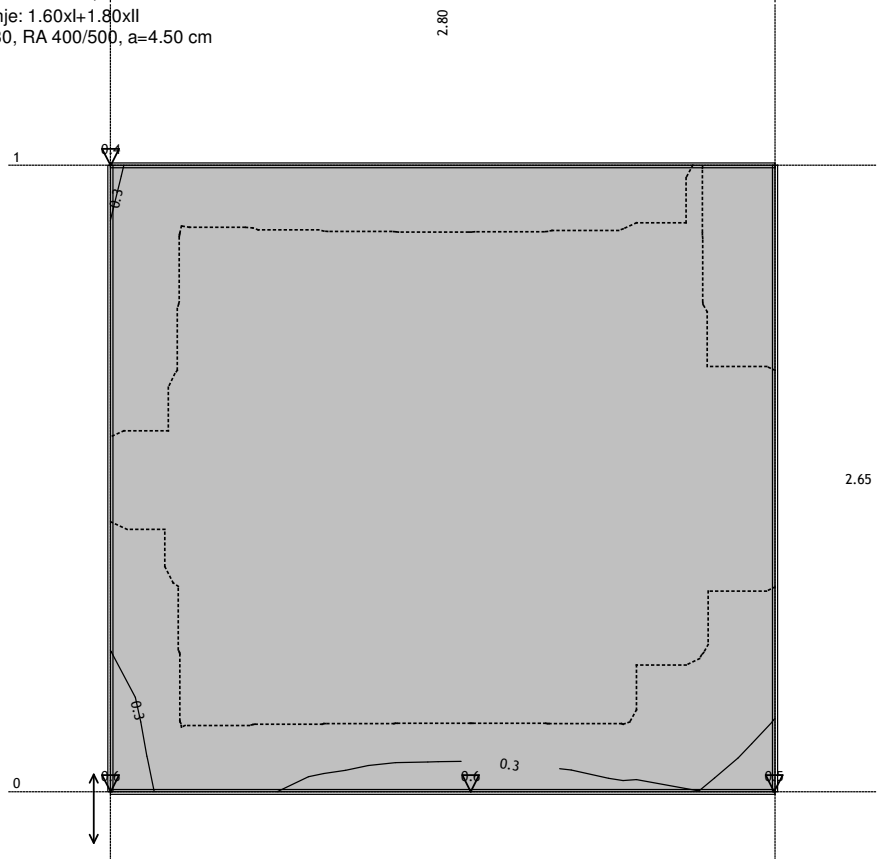


Ram: V_1
Aa - d.zona - Pravac 2 - max Aa2,d=8.5 cm2/m

Merodavno opterecenje: 1.60xI+1.80xII
@1@PBAB 87, MB 30, RA 400/500, a=4.50 cm



Ram: V_2
Aa - d.zona - Pravac 1 - max Aa1,d= 0.3 cm2/m
Merodavno opterecenje: 1.60xI+1.80xII
@1@PBAB 87, MB 30, RA 400/500, a=4.50 cm



Ram: V_2
Aa - d.zona - Pravac 2 - max Aa2,d= 0.6 cm2/m