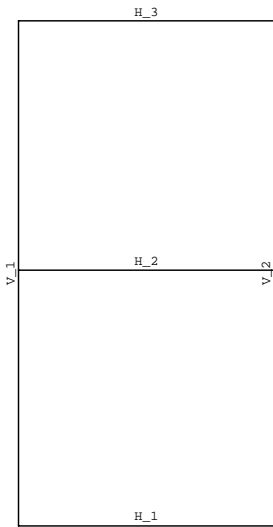


Vhodni podatki - Obtežba



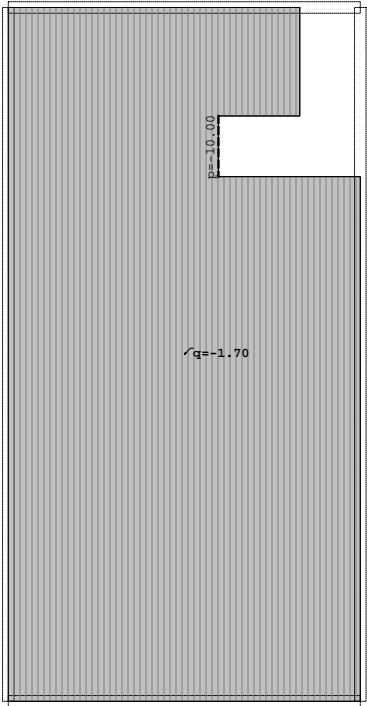
Dispozicija okvirjev

Lista obtežnih primerov

No	Naziv
1	lastna+stalna 1.70kN/m2 (g)
2	1. koristna 4kN/m2
3	2. koristna 4kN/m2
4	3. koristna 4kN/m2
5	sneg 1.36kN/m2
6	veter +x
7	veter -x
8	veter +y

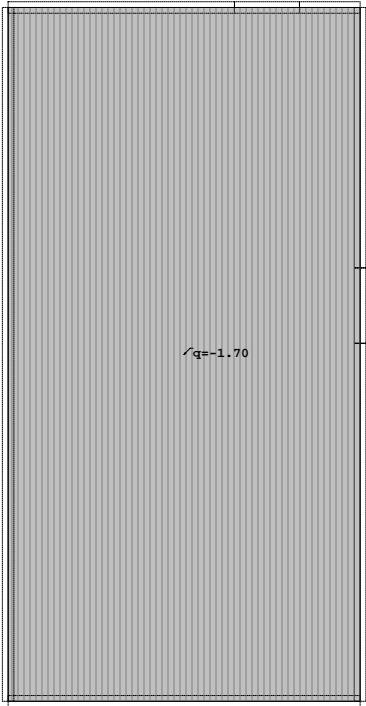
No	Naziv
9	veter -y
10	px
11	py
12	Kombinacija: I+V
13	Kombinacija: I+II+V
14	Kombinacija: I+III+V
15	Kombinacija: I+IV+V

Obt. 1: lastna+stalna 1.70kN/m2 (g)



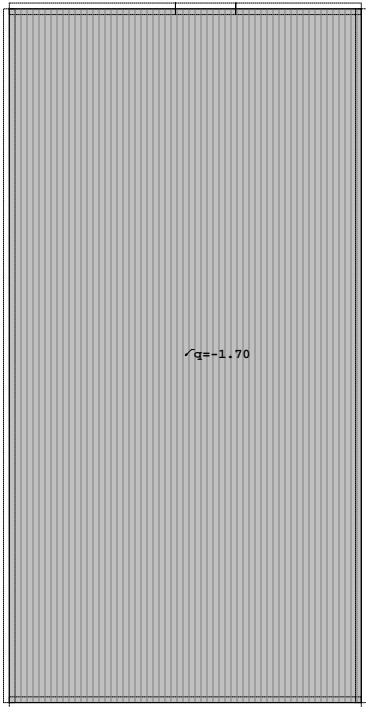
Nivo: IV etaža [12.56]

Obt. 1: lastna+stalna 1.70kN/m2 (g)

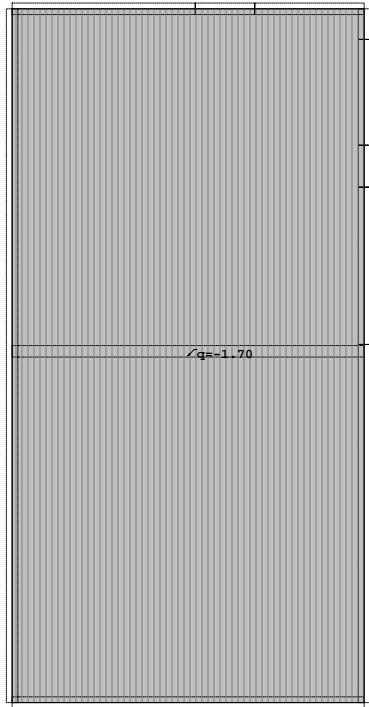


Nivo: III etaža [9.76]

Obt. 1: lastna+stalna 1.70kN/m2 (g)

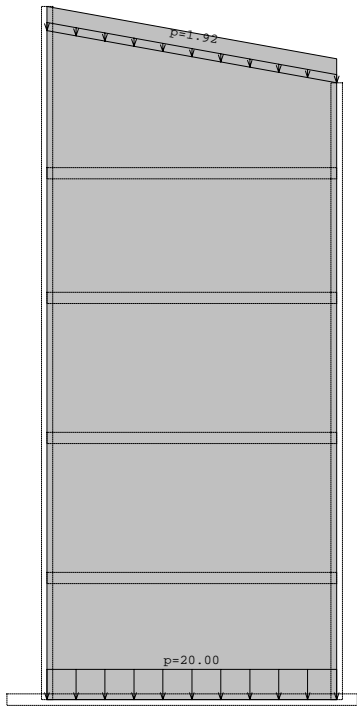


Obt. 1: lastna+stalna 1.70kN/m2 (g)



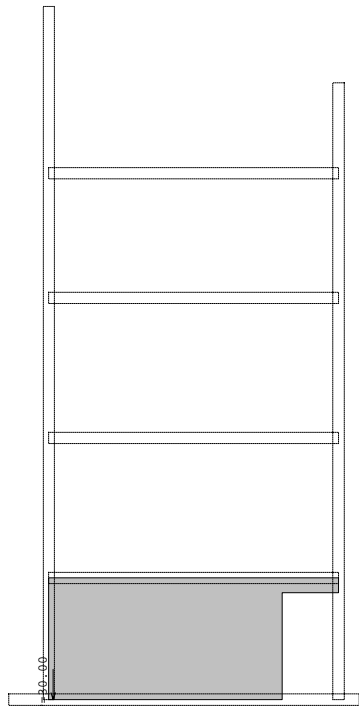
Nivo: II etaža [6.62]

Obt. 1: lastna+stalna 1.70kN/m2 (g)



Nivo: I etaža [3.48]

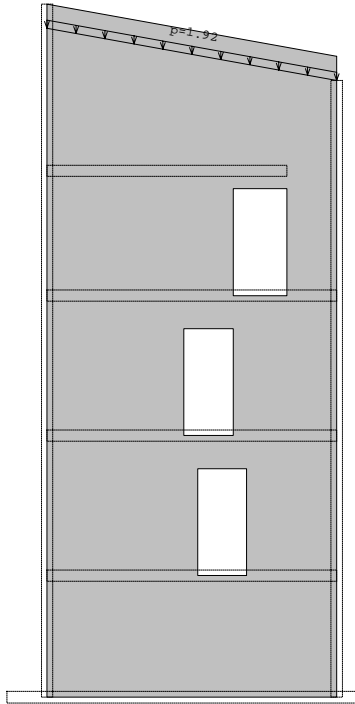
Obt. 1: lastna+stalna 1.70kN/m2 (g)



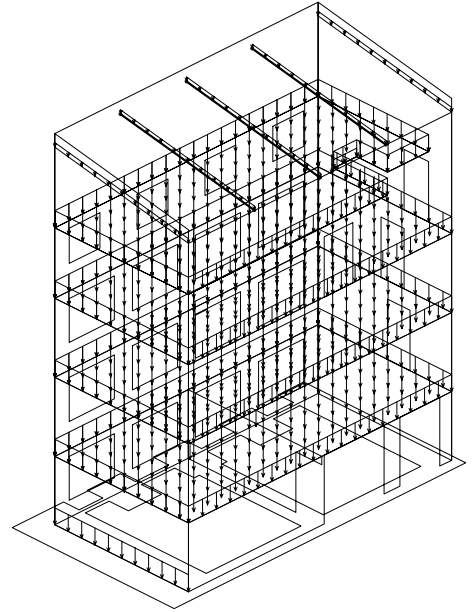
Okvir: H_1

Okvir: H_2

Obt. 1: lastna+stalna 1.70kN/m2 (g)

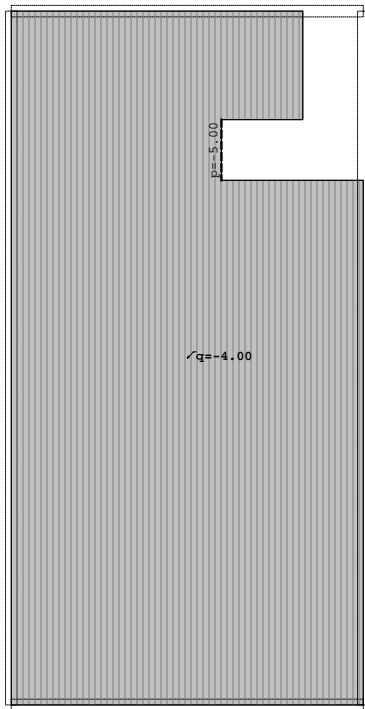


Obt. 1: lastna+stalna 1.70kN/m2 (g)



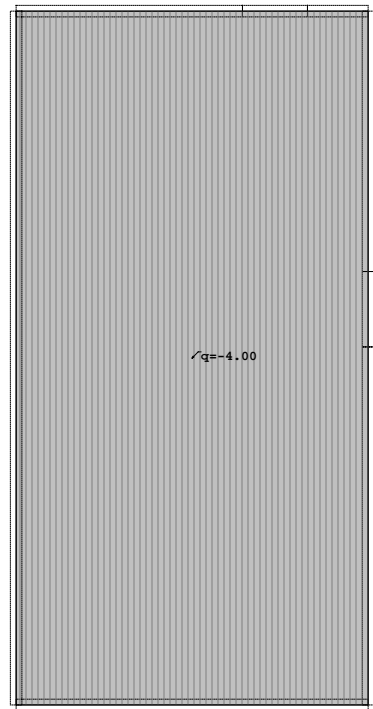
Okvir: H_3

Obt. 2: 1. korisna 4kN/m2



Izometrija

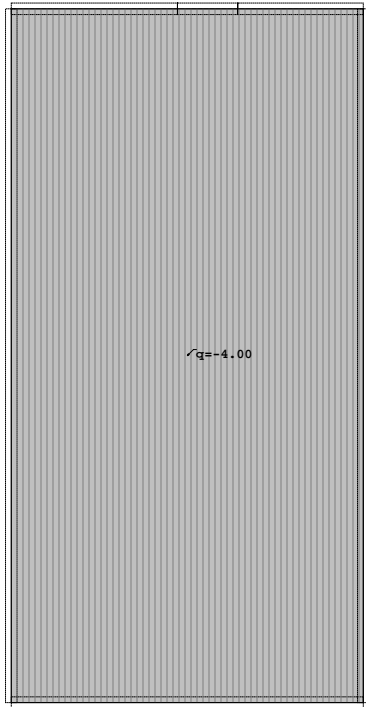
Obt. 2: 1. korisna 4kN/m2



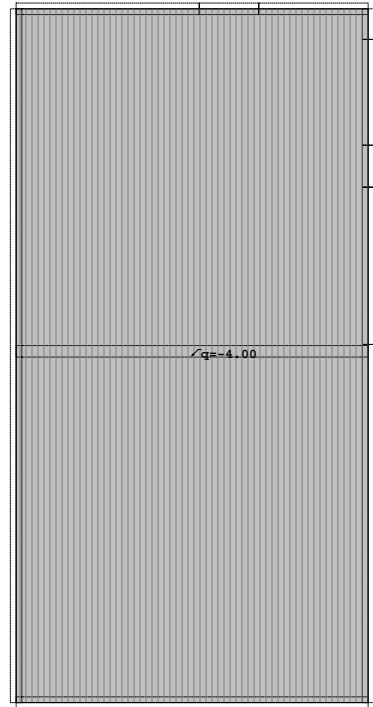
Nivo: IV etaža [12.56]

Nivo: III etaža [9.76]

Obt. 2: 1. koristna 4kN/m2

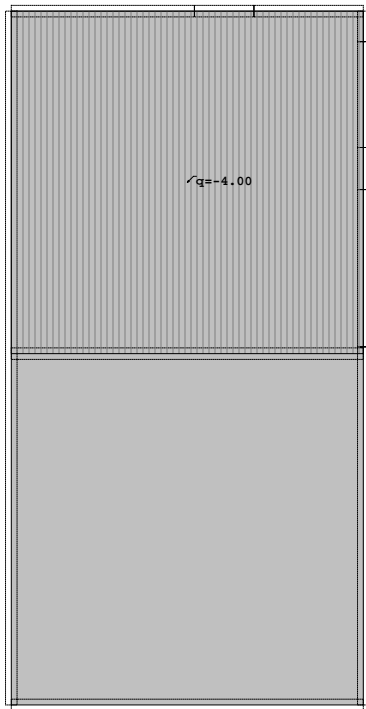


Obt. 2: 1. koristna 4kN/m2



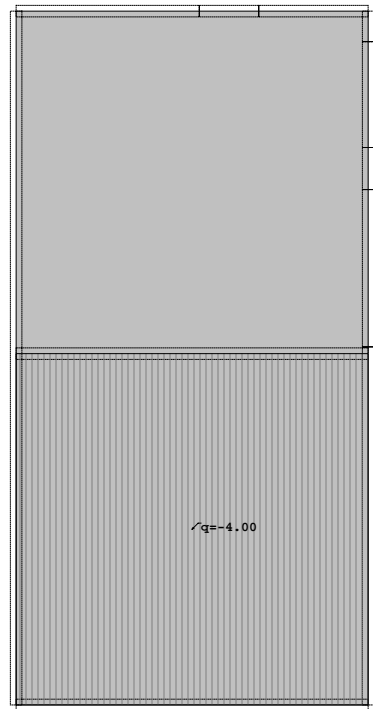
Nivo: II etaža [6.62]

Obt. 3: 2. koristna 4kN/m2



Nivo: I etaža [3.48]

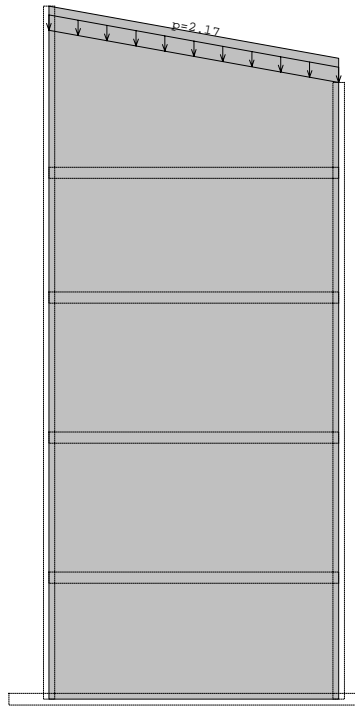
Obt. 4: 3. koristna 4kN/m2



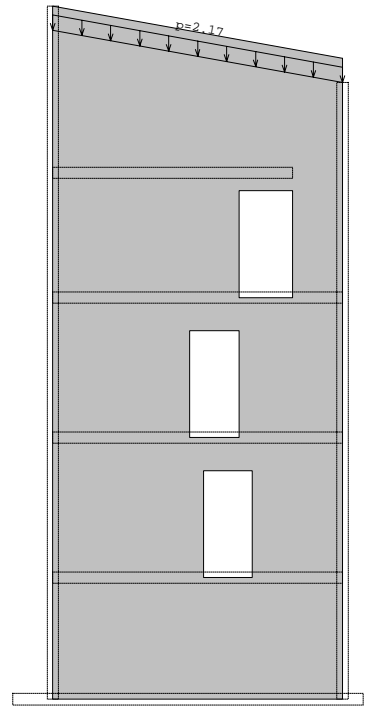
Nivo: I etaža [3.48]

Nivo: I etaža [3.48]

Obt. 5: sneg 1.36kN/m2

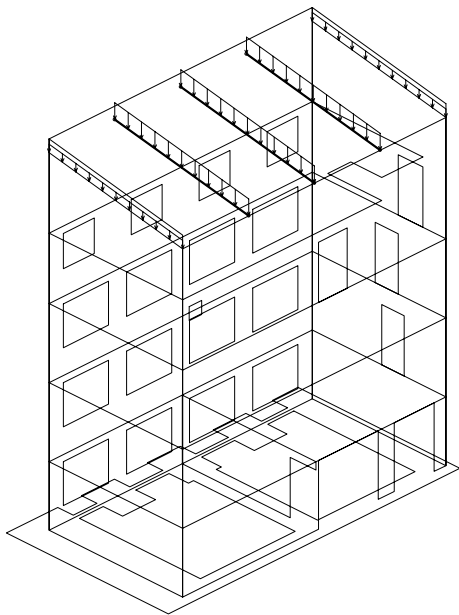


Obt. 5: sneg 1.36kN/m2



Okvir: H_1

Obt. 5: sneg 1.36kN/m2



Okvir: H_3

Izometrija

Modalna analiza, Seizmični preračun

Faktorji obtežb za preračun mas

No	Naziv	Koeficient
1	lastna+stalna 1.70kN/m2 (g)	1.00
2	1. koristna 4kN/m2	0.60
3	2. koristna 4kN/m2	0.00
4	3. koristna 4kN/m2	0.00
5	sneg 1.36kN/m2	0.00

No	Naziv	Koeficient
6	veter +x	0.00
7	veter -x	0.00
8	veter +y	0.00
9	veter -y	0.00

Razporeditev mas po višini objekta

Nivo	Z [m]	Masa [T]
	12.96	95.08
IV etaža	12.56	116.05
	10.16	39.09
III etaža	9.76	127.55

Nivo	Z [m]	Masa [T]
II etaža	6.62	166.00
I etaža	3.48	163.60
Pritličje	0.75	129.24
Σ=		836.61

Nihajne dobe konstrukcije

No	T [s]	f [Hz]
1	0.1167	8.5692
2	0.1125	8.8910
3	0.1071	9.3348

No	T [s]	f [Hz]
4	0.1064	9.3980
5	0.0932	10.7275

Seizmični preračun: EUROCODE

Kategorija tal: B
 Kategorija pomena: II
 Razmerje ag/g: 0.23
 Faktor obnašanja: 5

Faktorji smeri potresa:

Naziv	Kx	Ky	Kz
px	1.000	0.150	0.000
py	0.150	1.000	0.000

px

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]
	12.96	1.96	-0.16	0.49	219.35	27.18	8.45	1.20	0.65	-0.31
IV etaža	12.56	1.67	-0.18	24.02	183.37	28.15	-22.29	0.98	0.70	1.14
	10.16	0.42	-0.06	0.14	47.17	7.67	1.20	0.26	0.20	-0.13
III etaža	9.76	1.24	-0.17	1.67	139.60	23.00	18.89	0.77	0.62	-15.88
II etaža	6.62	0.92	-0.16	1.17	106.41	17.04	7.99	0.61	0.53	-13.72
I etaža	3.48	0.22	-0.11	0.15	25.21	4.35	-0.23	0.14	0.25	-0.19
Pritličje	0.75	0.01	-0.00	0.01	0.65	0.11	0.00	0.00	0.01	-0.01
Σ=		6.45	-0.85	27.65	721.75	107.51	14.01	3.96	2.96	-29.10

Nivo	Z [m]	Ton 4			Ton 5			Vsi toni		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
	12.96	0.14	0.00	-0.01	0.31	-1.16	0.03	222.96	26.51	8.65
IV etaža	12.56	0.11	0.00	0.04	0.22	-1.26	-0.05	186.36	27.41	2.86
	10.16	0.03	0.00	-0.00	0.05	-0.38	0.01	47.93	7.44	1.22
III etaža	9.76	0.08	0.00	-4.27	0.14	-1.17	-0.04	141.83	22.28	0.38
II etaža	6.62	0.07	-0.00	5.00	0.12	-1.05	-0.03	108.13	16.36	0.41
I etaža	3.48	0.02	-0.01	0.01	0.03	-0.53	0.02	25.61	3.95	-0.26
Pritličje	0.75	0.00	-0.00	0.00	0.00	-0.01	-0.00	0.66	0.10	0.00
Σ=		0.44	0.00	0.77	0.87	-5.57	-0.07	733.48	104.05	13.26

py

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]
	12.96	0.04	-0.00	0.01	64.14	7.95	2.47	0.97	0.52	-0.25
IV etaža	12.56	0.03	-0.00	0.46	53.62	8.23	-6.52	0.79	0.56	0.92
	10.16	0.01	-0.00	0.00	13.79	2.24	0.35	0.21	0.16	-0.10
III etaža	9.76	0.02	-0.00	0.03	40.82	6.73	5.52	0.62	0.50	-12.80
II etaža	6.62	0.02	-0.00	0.02	31.12	4.98	2.34	0.49	0.43	-11.06
I etaža	3.48	0.00	-0.00	0.00	7.37	1.27	-0.07	0.11	0.20	-0.16
Pritličje	0.75	0.00	-0.00	0.00	0.19	0.03	0.00	0.00	0.01	-0.01
Σ=		0.12	-0.02	0.53	211.05	31.44	4.10	3.19	2.38	-23.45

Nivo	Z [m]	Ton 4			Ton 5			Vsi toni		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
	12.96	0.02	0.00	-0.00	-48.87	183.69	-4.50	16.30	192.16	-2.27
IV etaža	12.56	0.02	0.00	0.01	-35.50	199.32	7.67	18.97	208.12	2.54
	10.16	0.00	0.00	-0.00	-8.51	60.06	-1.04	5.50	62.47	-0.79
III etaža	9.76	0.01	0.00	-0.65	-21.80	184.17	6.05	19.68	191.39	-1.83
II etaža	6.62	0.01	-0.00	0.76	-18.24	165.49	5.05	13.40	170.90	-2.89
I etaža	3.48	0.00	-0.00	0.00	-4.14	83.89	-2.81	3.35	85.36	-3.03
Pritličje	0.75	0.00	-0.00	0.00	-0.21	2.25	0.00	-0.02	2.29	-0.00
Σ=		0.07	0.00	0.12	-137.27	878.89	10.43	77.17	912.69	-8.28

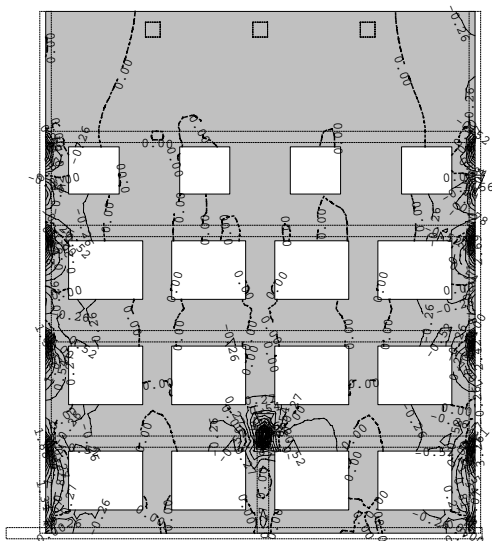
Faktorji participacije

Naziv / Ton	1	2	3	4	5
px	0.008	0.985	0.006	0.001	0.000
py	0.000	0.068	0.003	0.000	0.929

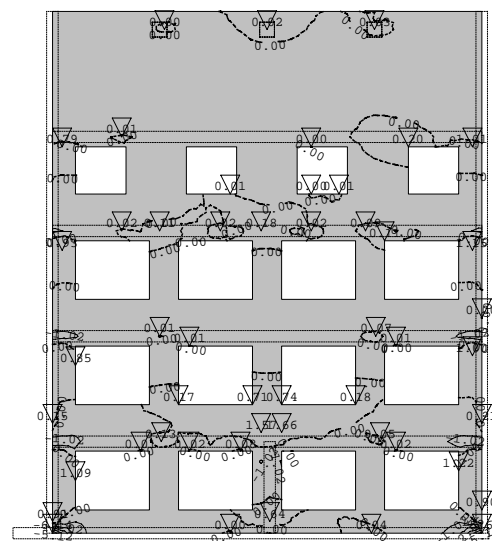
Faktorji participacije

Ton	UX (%)	UY (%)	UZ (%)	ΣUX (%)	ΣUY (%)	ΣUZ (%)
1	0.49	0.01	8.93	0.49	0.01	8.93
2	50.99	1.13	0.02	51.47	1.14	8.95
3	0.25	0.14	13.50	51.72	1.28	22.45
4	0.03	0.00	0.09	51.75	1.28	22.54
5	1.44	58.94	0.01	53.19	60.22	22.55

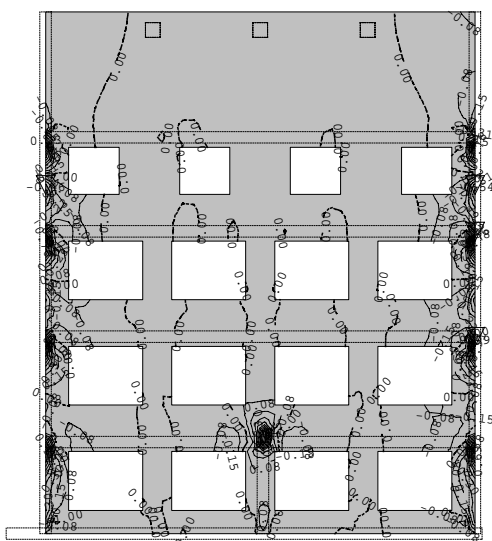
Obt. 1: lastna+stalna 1.70kN/m2 (g)



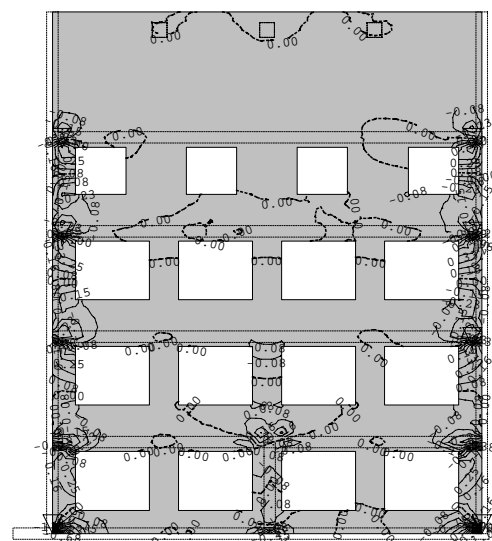
Opt. 2: 1. koristna 4kN/m²



Opt. 2: 1. koristna 4kN/m²

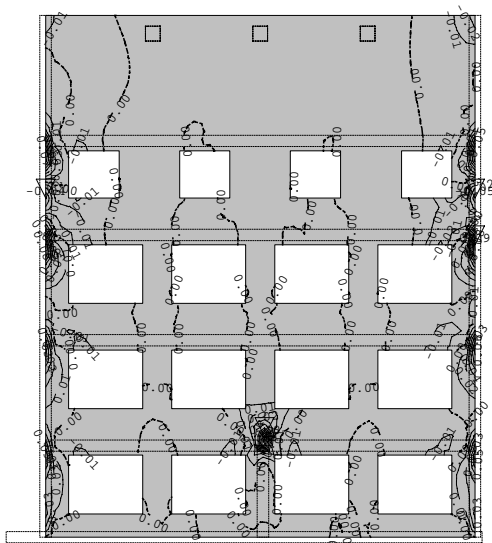


Tower - 3D Model Builder 5.5



Registered to Biro Udovč s.p.

Obt. 5: sneg 1.36kN/m²

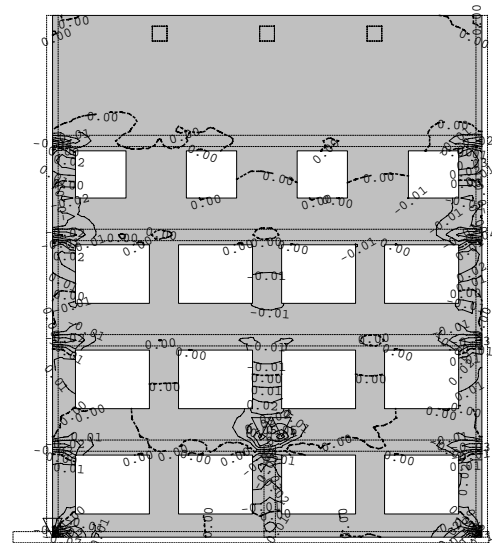


Okvir: V_1

Vplivi v plošči: max M_x = 0.10 / min M_x = -0.05 kNm/m

Obt. 6: px

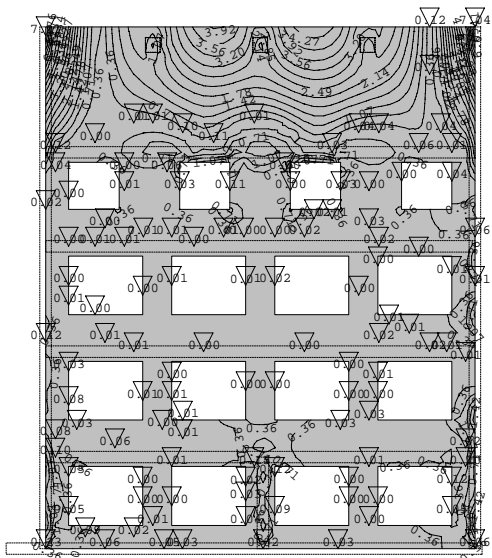
Obt. 5: sneg 1.36kN/m²



Okvir: V_1

Vplivi v plošči: max M_y = 0.05 / min M_y = -0.12 kNm/m

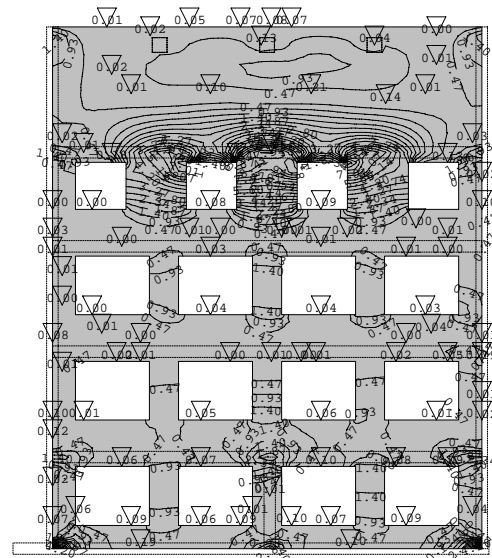
Obt. 6: px



Okvir: V_1

Vplivi v plošči: max M_x = 7.11 / min M_x = 0.00 kNm/m

Tower - 3D Model Builder 5.5



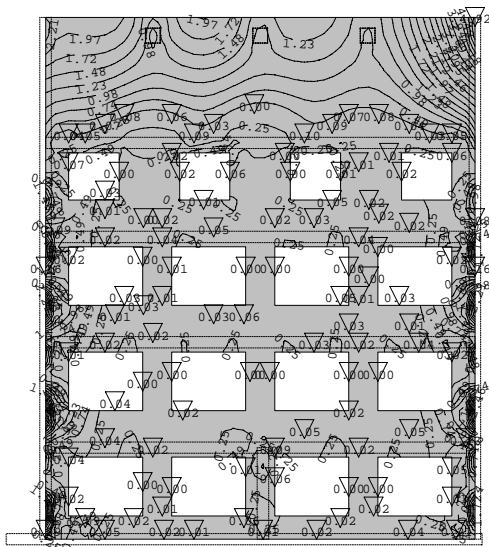
Okvir: V_1

Vplivi v plošči: max M_y = 9.34 / min M_y = 0.00 kNm/m

Registered to Biro Udovč s.p.

Radimpex - www.radimpex.co.yu

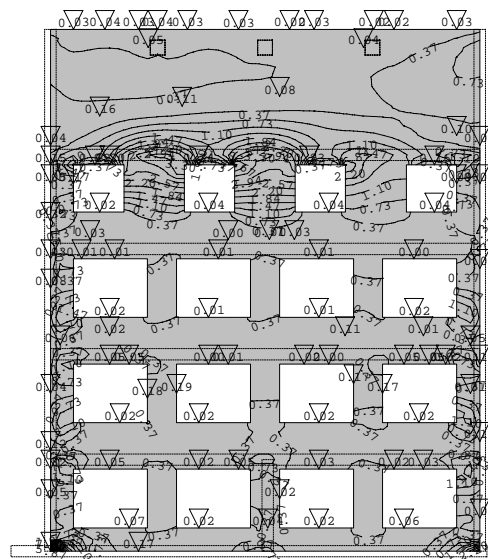
Obt. 7: py



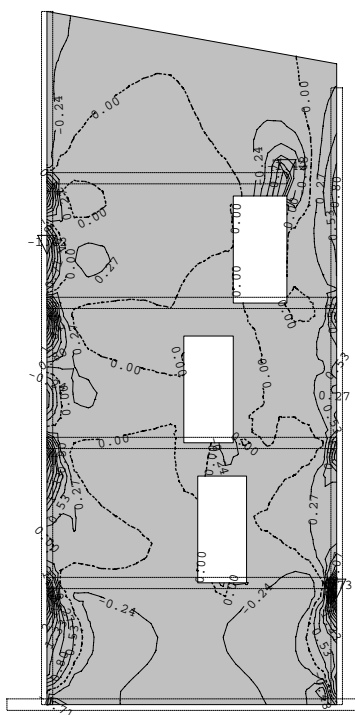
Okvir: V_1

Vplivi v plošči: max $M_x = 4.92$ / min $M_x = 0.00$ kNm/mObt. 1: lastna+stalna 1.70kN/m² (g)

Obt. 7: py



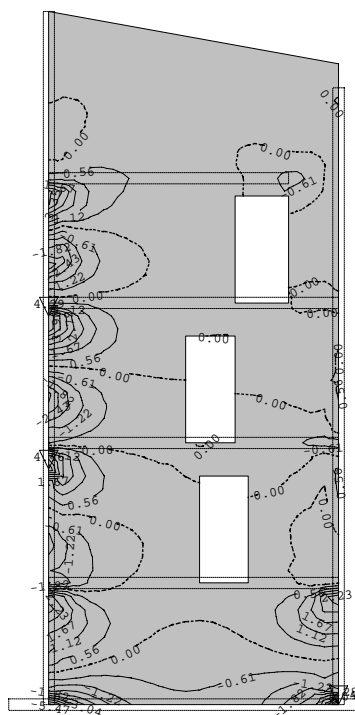
Okvir: V_1

Vplivi v plošči: max $M_y = 7.34$ / min $M_y = 0.00$ kNm/mObt. 1: lastna+stalna 1.70kN/m² (g)

Okvir: H_3

Vplivi v plošči: max $M_x = 3.73$ / min $M_x = -1.42$ kNm/m

Tower - 3D Model Builder 5.5



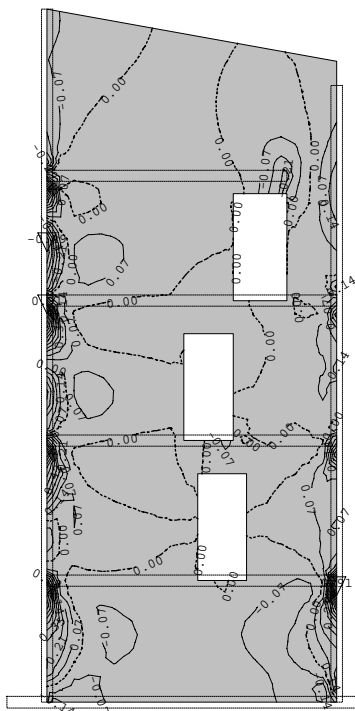
Okvir: H_3

Vplivi v plošči: max $M_y = 4.46$ / min $M_y = -7.28$ kNm/m

Registered to Biro Udovč s.p.

Radimpex - www.radimpex.co.yu

Obt. 2: 1. koristna 4kN/m²

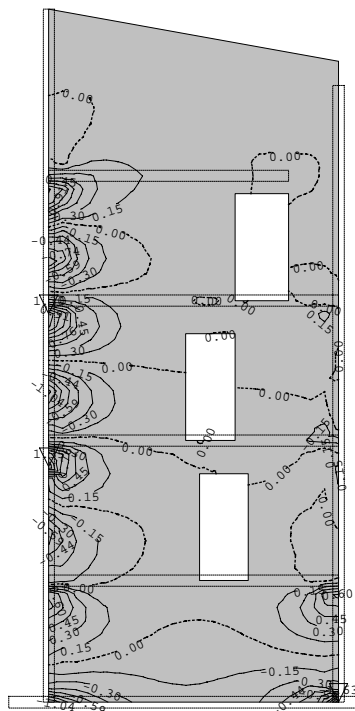


Okvir: H_3

Vplivi v plošči: max $M_x = 0.91$ / min $M_x = -0.49$ kNm/m

Obt. 5: sneg 1.36kN/m²

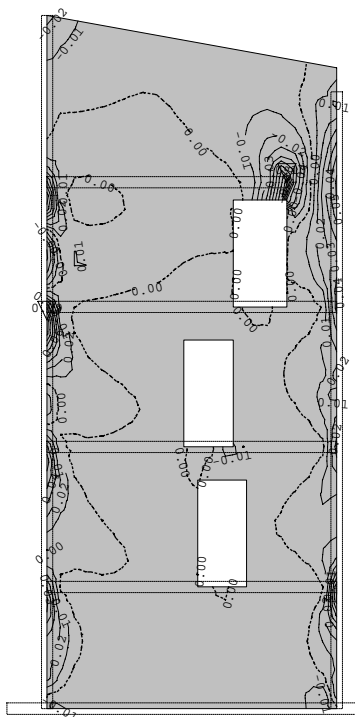
Obt. 2: 1. koristna 4kN/m²



Okvir: H_3

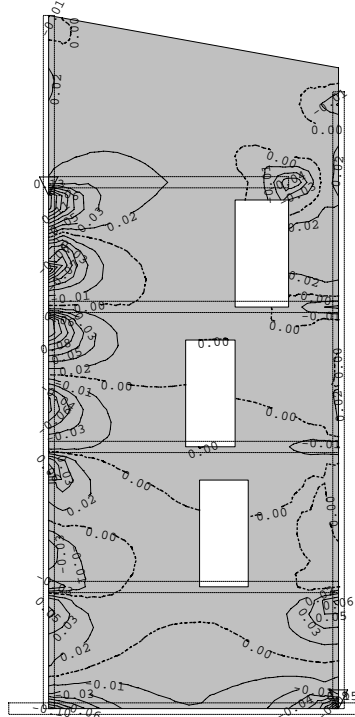
Vplivi v plošči: max $M_y = 1.35$ / min $M_y = -1.63$ kNm/m

Obt. 5: sneg 1.36kN/m²



Okvir: H_3

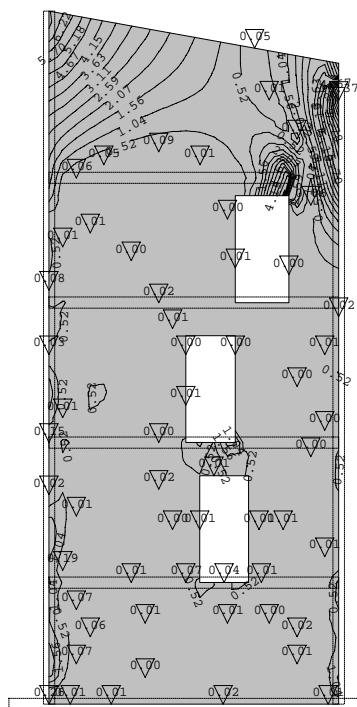
Vplivi v plošči: max $M_x = 0.09$ / min $M_x = -0.10$ kNm/m



Okvir: H_3

Vplivi v plošči: max $M_y = 0.13$ / min $M_y = -0.15$ kNm/m

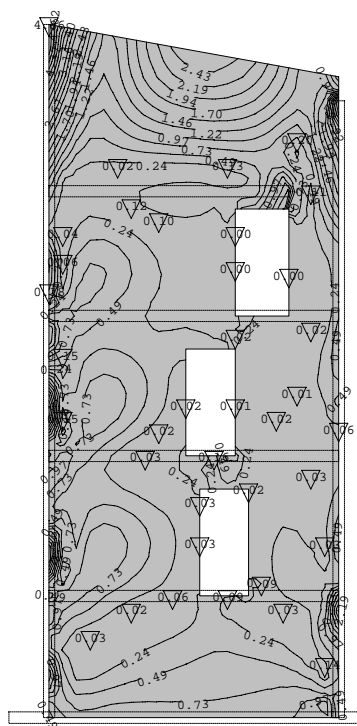
Obt. 6: px



Okvir: H_3

Vplivi v plošči: max $M_x = 10.37$ / min $M_x = 0.00$ kNm/m

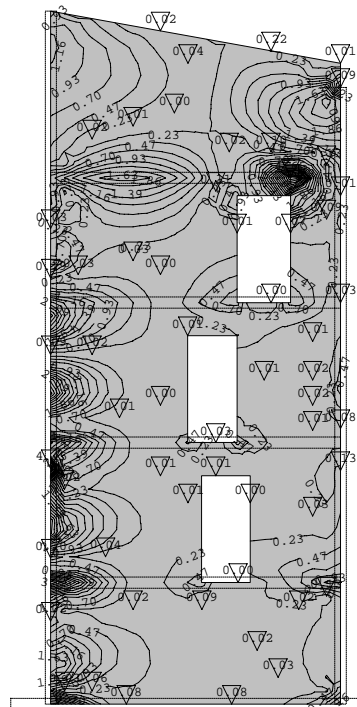
Obt. 7: py



Okvir: H_3

Vplivi v plošči: max $M_x = 4.86$ / min $M_x = 0.00$ kNm/m

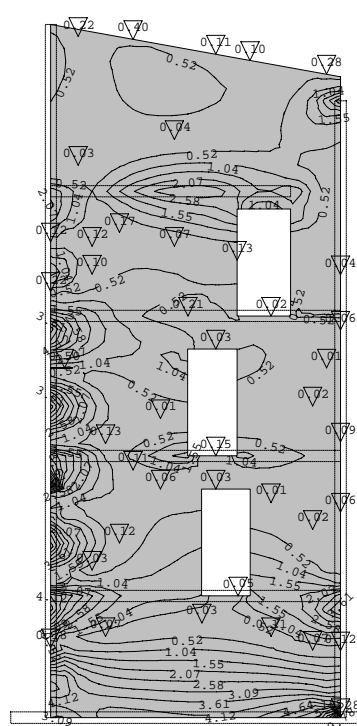
Obt. 6: px



Okvir: H_3

Vplivi v plošči: max $M_y = 4.65$ / min $M_y = 0.00$ kNm/m

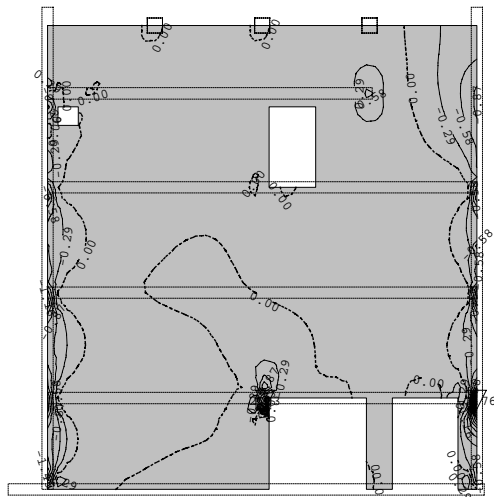
Obt. 7: py



Okvir: H_3

Vplivi v plošči: max $M_y = 10.28$ / min $M_y = 0.01$ kNm/m

Obt. 1: lastna+stalna 1.70kN/m2 (g)

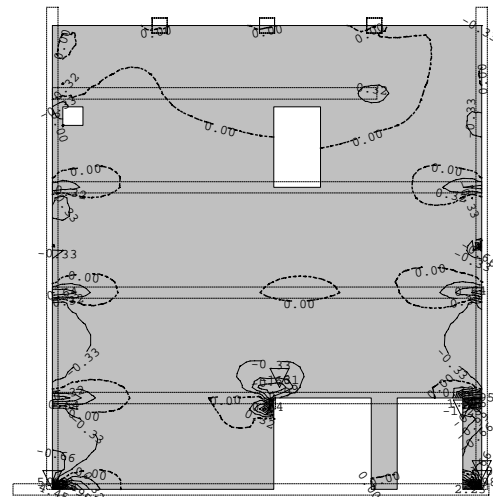


Okvir: V_2

Vplivi v plošči: max M_x = 2.03 / min M_x = -3.76 kNm/m

Obt. 2: 1. koristna 4kN/m2

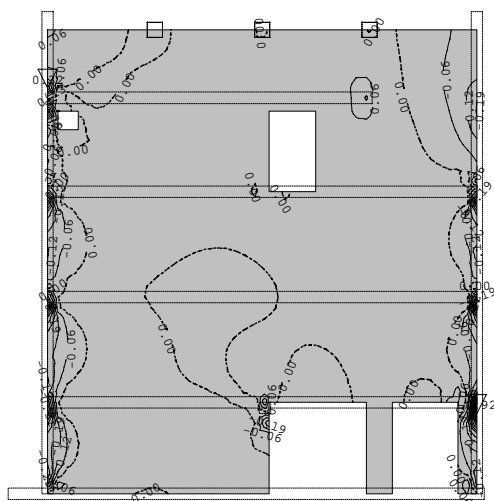
Obt. 1: lastna+stalna 1.70kN/m2 (g)



Okvir: V_2

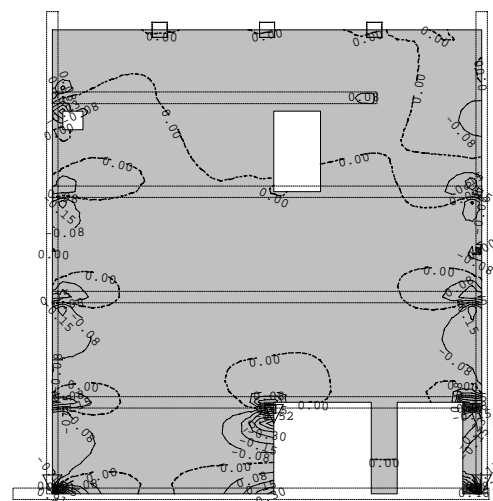
Vplivi v plošči: max M_y = 5.09 / min M_y = -1.31 kNm/m

Obt. 2: 1. koristna 4kN/m2



Okvir: V_2

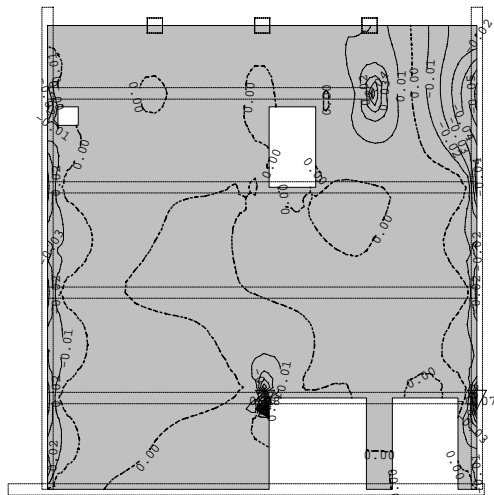
Vplivi v plošči: max M_x = 0.32 / min M_x = -0.92 kNm/m



Okvir: V_2

Vplivi v plošči: max M_y = 0.99 / min M_y = -0.52 kNm/m

Obt. 5: sneg 1.36kN/m²

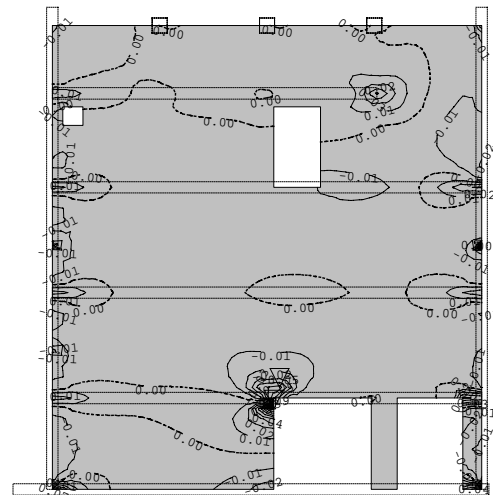


Okvir: V_2

Vplivi v plošči: max M_x = 0.08 / min M_x = -0.07 kNm/m

Obt. 6: p_x

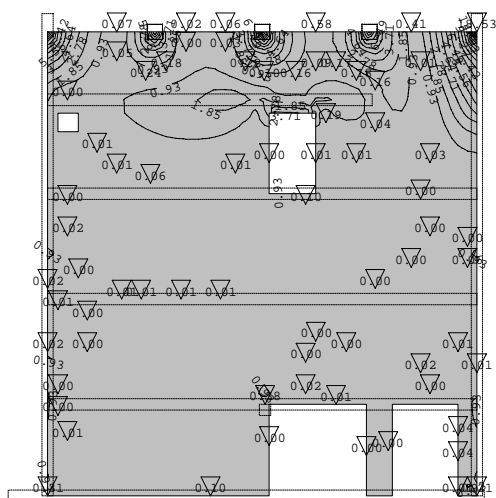
Obt. 5: sneg 1.36kN/m²



Okvir: V_2

Vplivi v plošči: max M_y = 0.09 / min M_y = -0.05 kNm/m

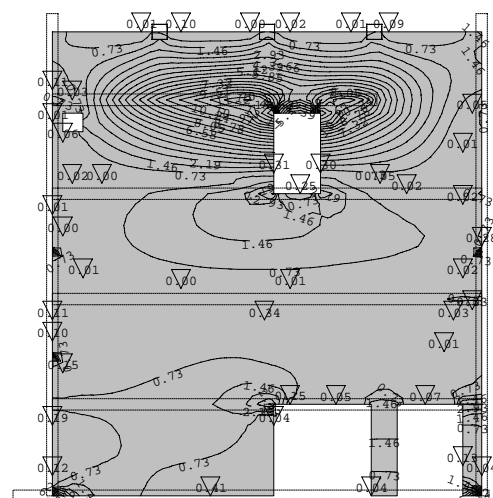
Obt. 6: p_x



Okvir: V_2

Vplivi v plošči: max M_x = 18.53 / min M_x = 0.00 kNm/m

Tower - 3D Model Builder 5.5



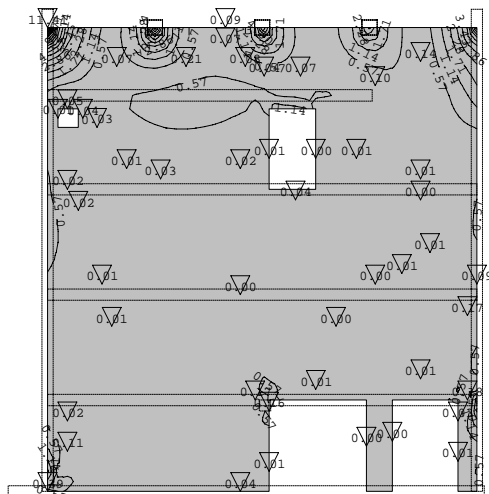
Okvir: V_2

Vplivi v plošči: max M_y = 14.63 / min M_y = 0.00 kNm/m

Registered to Biro Udovč s.p.

Radimpex - www.radimpex.co.yu

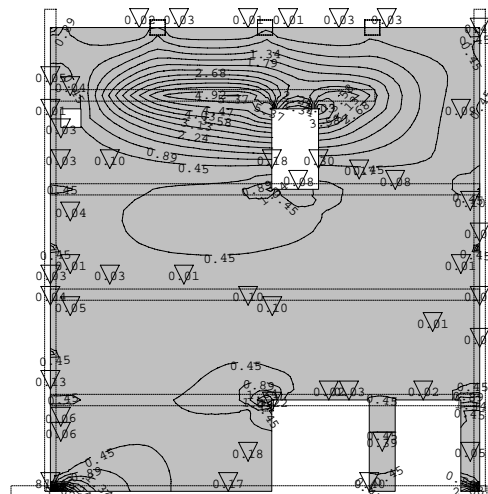
Obt. 7: py



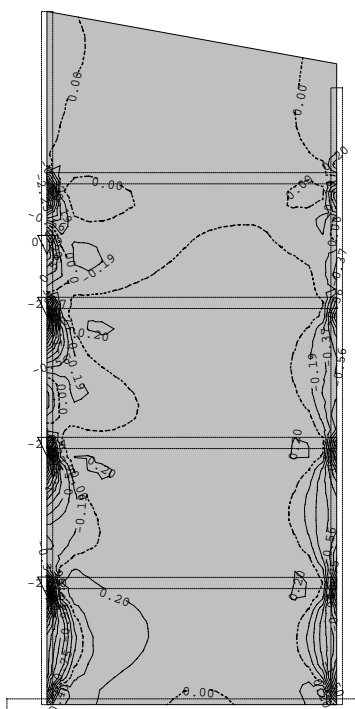
Okvir: V_2

Vplivi v plošči: max $M_x = 11.41$ / min $M_x = 0.00$ kNm/mObt. 1: lastna+stalna 1.70kN/m² (g)

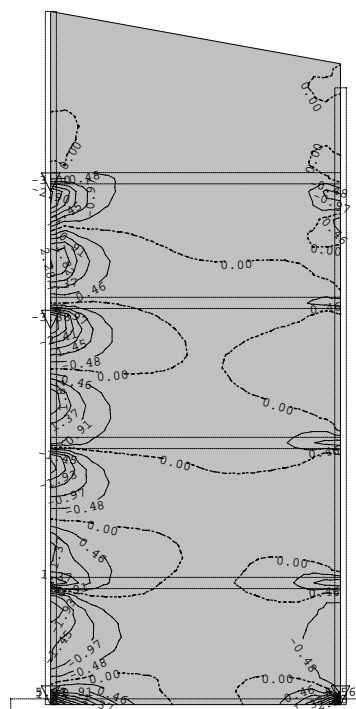
Obt. 7: py



Okvir: V_2

Vplivi v plošči: max $M_y = 8.94$ / min $M_y = 0.01$ kNm/mObt. 1: lastna+stalna 1.70kN/m² (g)

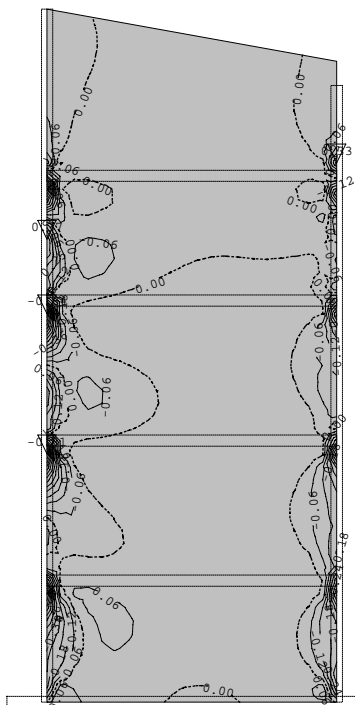
Okvir: H_1

Vplivi v plošči: max $M_x = 0.99$ / min $M_x = -2.80$ kNm/m

Okvir: H_1

Vplivi v plošči: max $M_y = 5.93$ / min $M_y = -3.38$ kNm/m

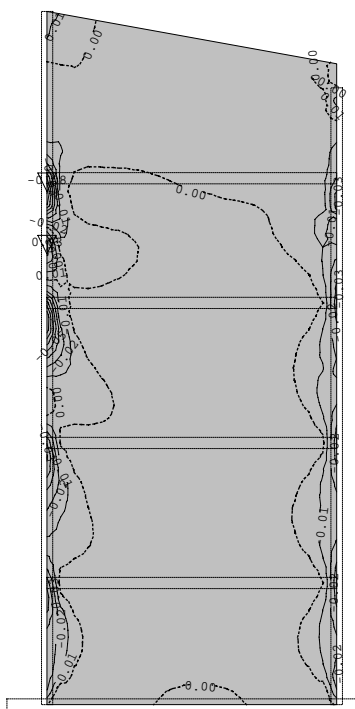
Obt. 2: 1. koristna 4kN/m²



Okvir: H_1

Vplivi v plošči: max $M_x = 0.37$ / min $M_x = -0.84$ kNm/m

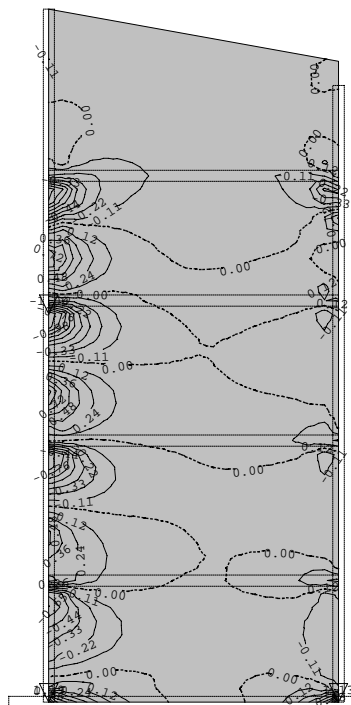
Obt. 5: sneg 1.36kN/m²



Okvir: H_1

Vplivi v plošči: max $M_x = 0.03$ / min $M_x = -0.08$ kNm/m

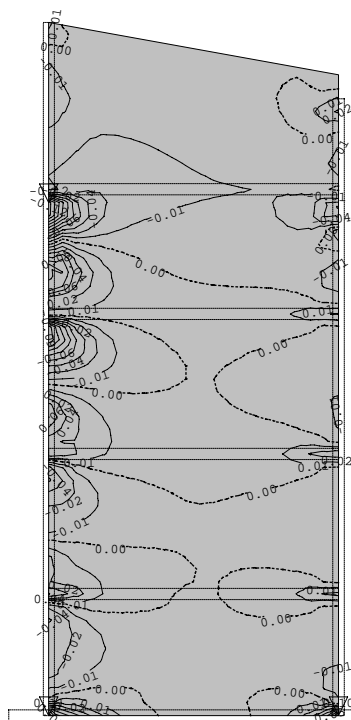
Obt. 2: 1. koristna 4kN/m²



Okvir: H_1

Vplivi v plošči: max $M_y = 1.19$ / min $M_y = -1.09$ kNm/m

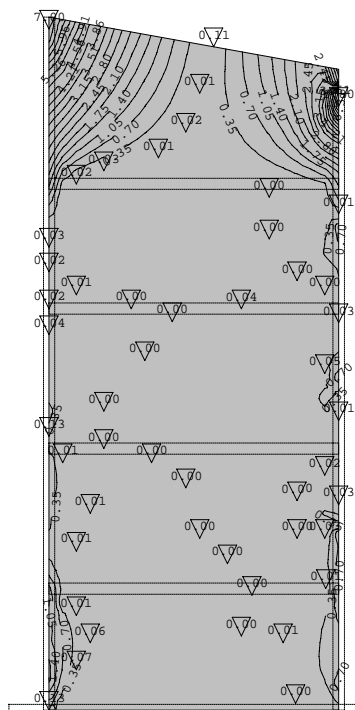
Obt. 5: sneg 1.36kN/m²



Okvir: H_1

Vplivi v plošči: max $M_y = 0.11$ / min $M_y = -0.12$ kNm/m

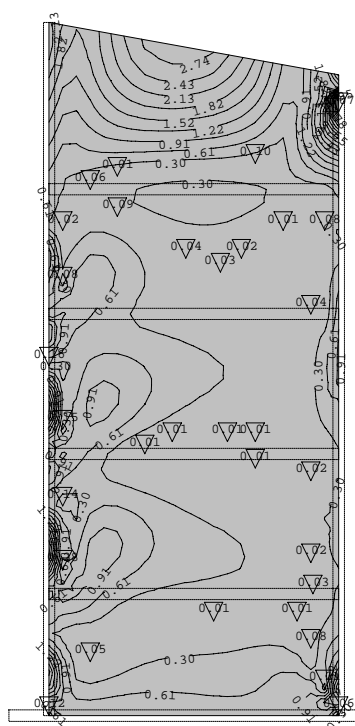
Obt. 6: px



Okvir: H_1

Vplivi v plošči: max Mx= 7.00 / min Mx= 0.00 kNm/m

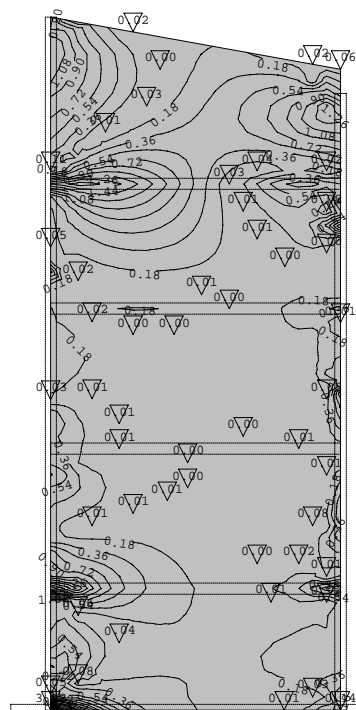
Obt. 7: py



Okvir: H_1

Vplivi v plošči: max Mx= 6.07 / min Mx= 0.01 kNm/m

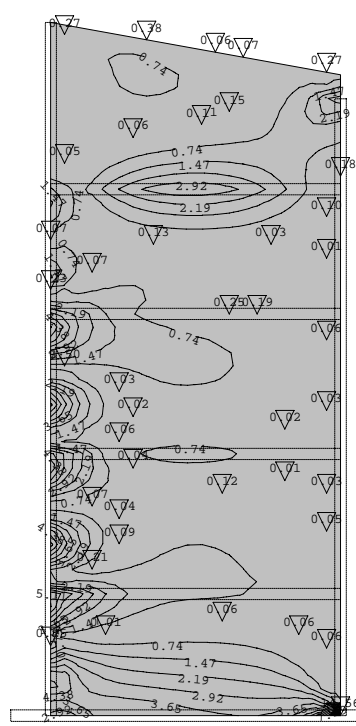
Obt. 6: px



Okvir: H_1

Vplivi v plošči: max My= 3.58 / min My= 0.00 kNm/m

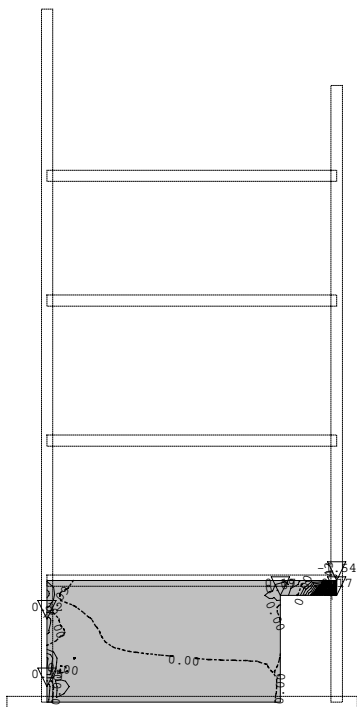
Obt. 7: py



Okvir: H_1

Vplivi v plošči: max My= 14.56 / min My= 0.01 kNm/m

Obt. 1: lastna+stalna 1.70kN/m2 (g)

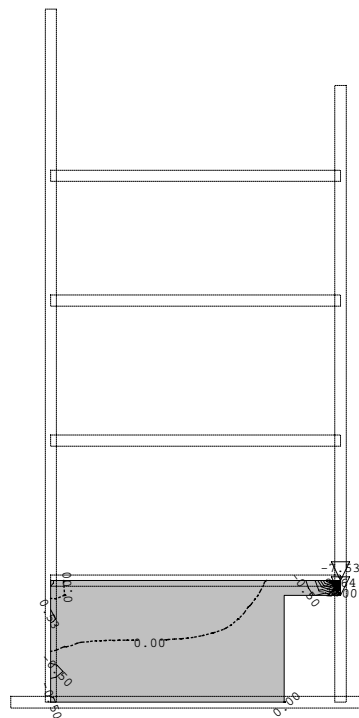


Okvir: H_2

Vplivi v plošči: max $M_x = 0.17$ / min $M_x = -1.54$ kNm/m

Obt. 2: 1. koristna 4kN/m2

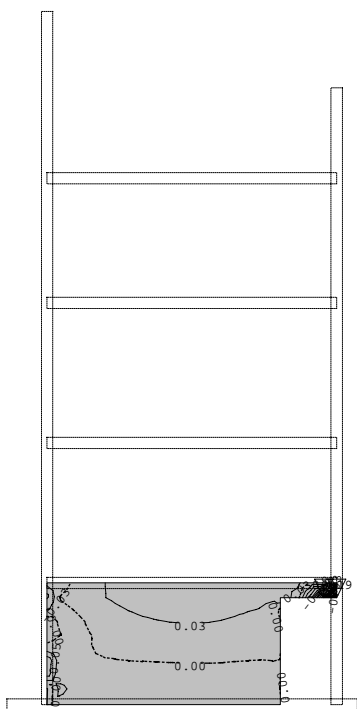
Obt. 1: lastna+stalna 1.70kN/m2 (g)



Okvir: H_2

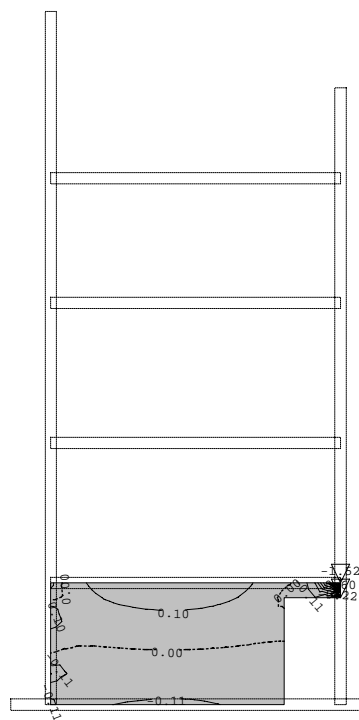
Vplivi v plošči: max $M_y = 2.64$ / min $M_y = -7.53$ kNm/m

Obt. 2: 1. koristna 4kN/m2



Okvir: H_2

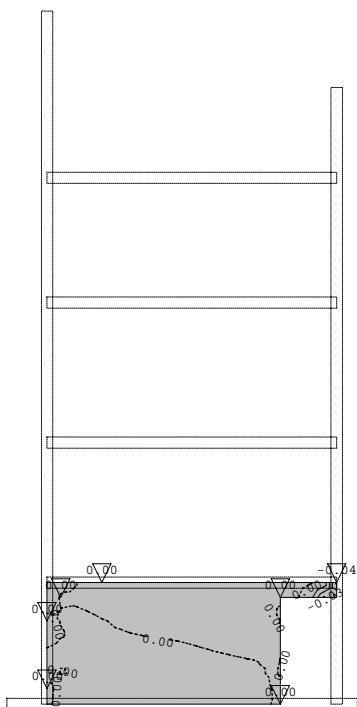
Vplivi v plošči: max $M_x = 0.19$ / min $M_x = -0.30$ kNm/m



Okvir: H_2

Vplivi v plošči: max $M_y = 0.60$ / min $M_y = -1.52$ kNm/m

Obt. 5: sneg 1.36kN/m2

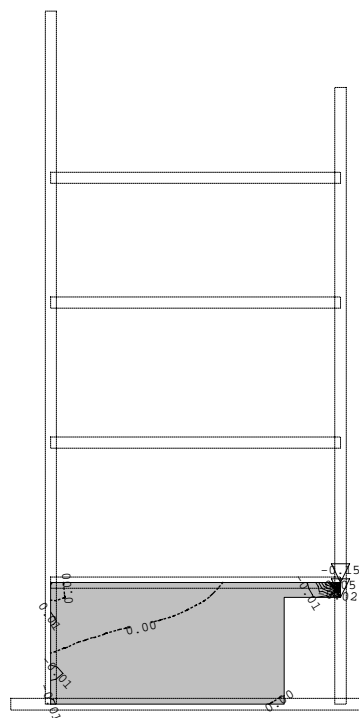


Okvir: H_2

Vplivi v plošči: max $M_x = 0.00$ / min $M_x = -0.04$ kNm/m

Obt. 6: p_x

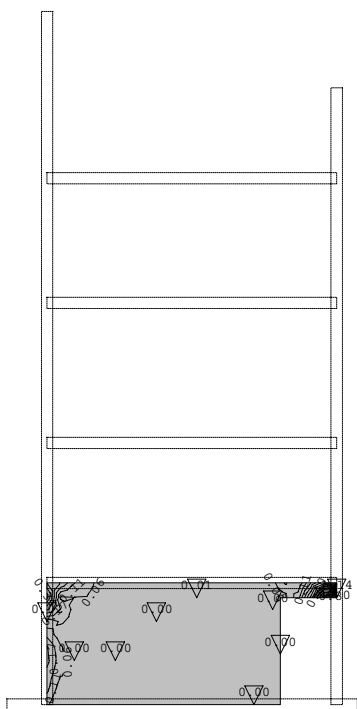
Obt. 5: sneg 1.36kN/m2



Okvir: H_2

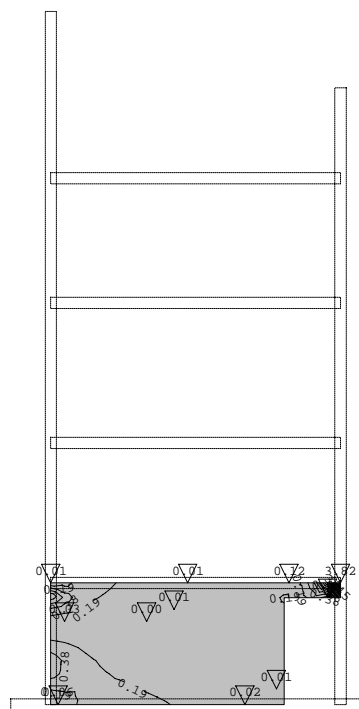
Vplivi v plošči: max $M_y = 0.05$ / min $M_y = -0.15$ kNm/m

Obt. 6: p_x



Okvir: H_2

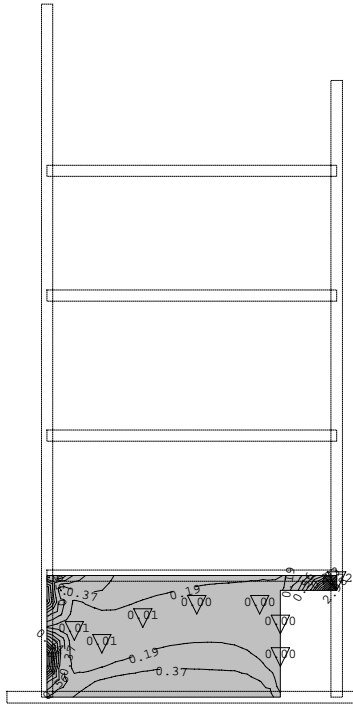
Vplivi v plošči: max $M_x = 1.14$ / min $M_x = 0.00$ kNm/m



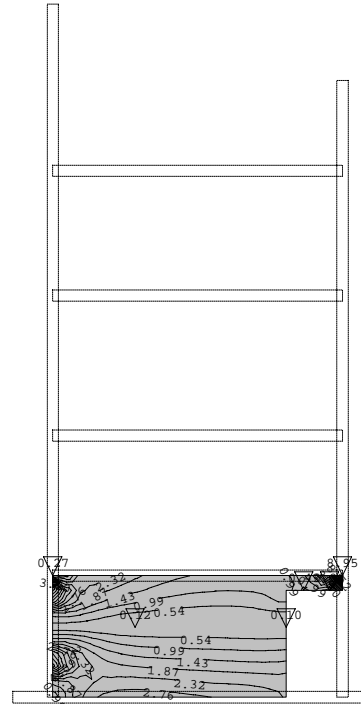
Okvir: H_2

Vplivi v plošči: max $M_y = 3.82$ / min $M_y = 0.00$ kNm/m

Obt. 7: py



Obt. 7: py

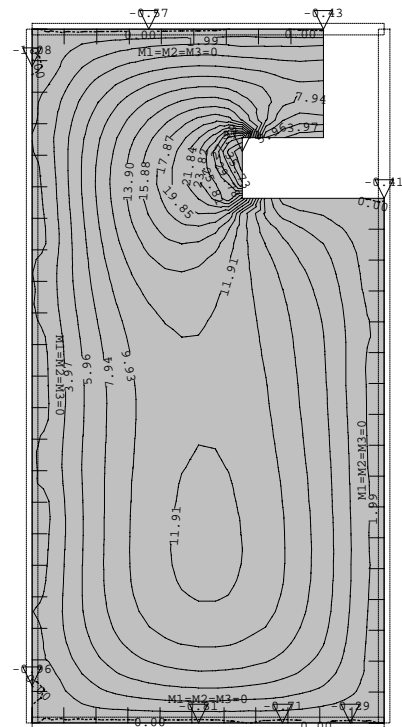
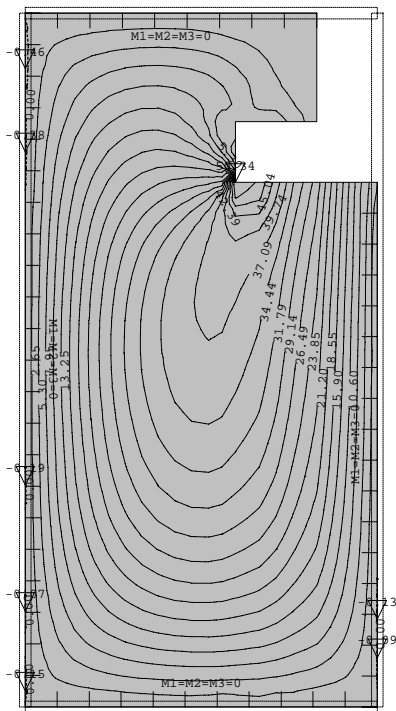


Okvir: H_2

Vplivi v plošči: max $M_x = 3.72$ / min $M_x = 0.00$ kNm/m
Obt. 1: lastna+stalna 1.70kN/m² (g)

Okvir: H_2

Vplivi v plošči: max $M_y = 8.95$ / min $M_y = 0.10$ kNm/m
Obt. 1: lastna+stalna 1.70kN/m² (g)



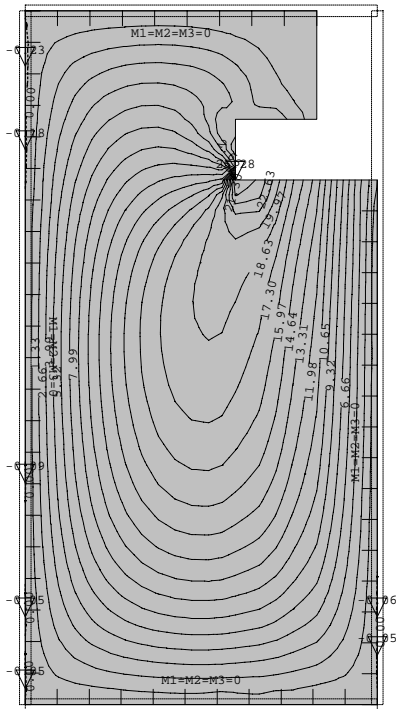
Nivo: IV etaža [12.56]

Vplivi v plošči: max $M_x = 50.34$ / min $M_x = -0.46$ kNm/m

Nivo: IV etaža [12.56]

Vplivi v plošči: max $M_y = 37.71$ / min $M_y = -1.08$ kNm/m

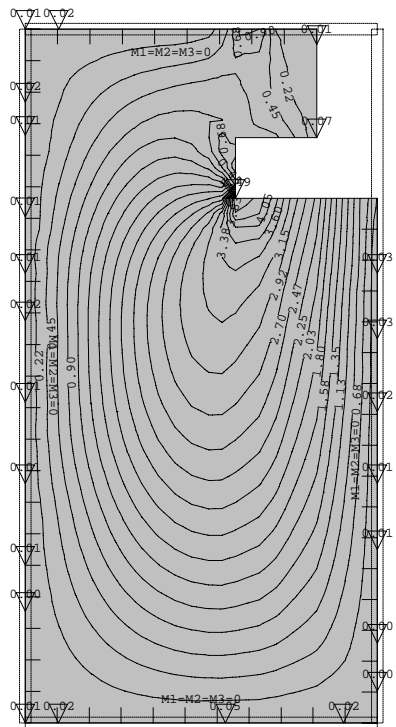
Obt. 2: 1. korisna 4kN/m2



Nivo: IV etaža [12.56]

Vplivi v plošči: max $M_x = 25.28$ / min $M_x = -0.23$ kNm/m

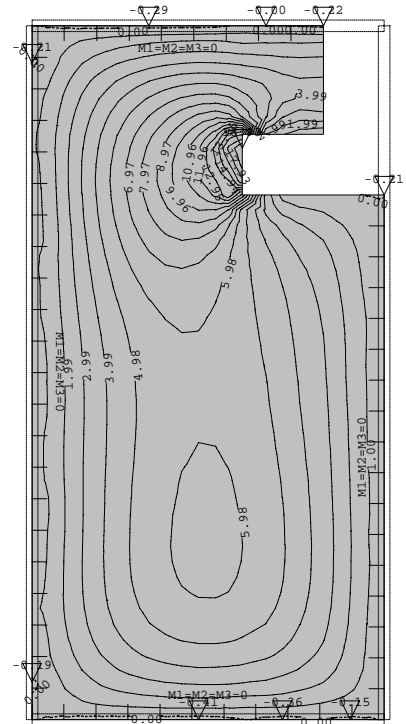
Obt. 6: px



Nivo: IV etaža [12.56]

Vplivi v plošči: max $M_x = 4.49$ / min $M_x = 0.00$ kNm/m

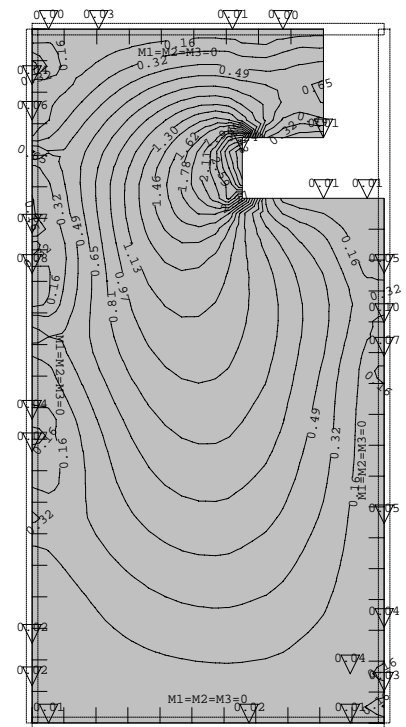
Obt. 2: 1. korisna 4kN/m2



Nivo: IV etaža [12.56]

Vplivi v plošči: max $M_y = 18.93$ / min $M_y = -0.41$ kNm/m

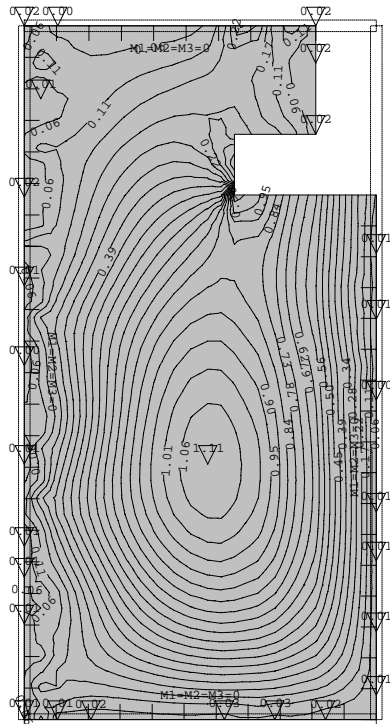
Obt. 6: px



Nivo: IV etaža [12.56]

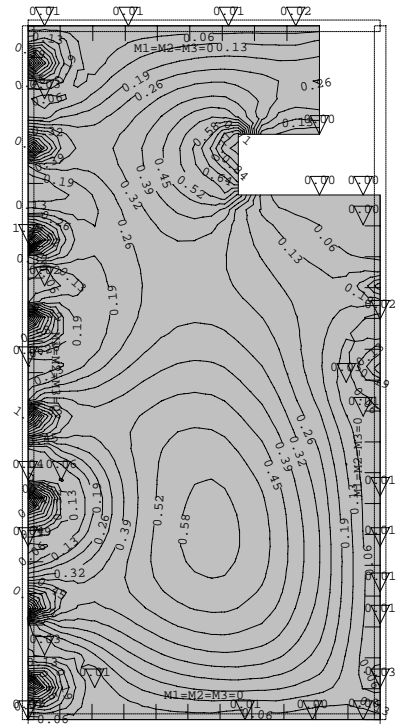
Vplivi v plošči: max $M_y = 3.24$ / min $M_y = 0.00$ kNm/m

Obt. 7: py

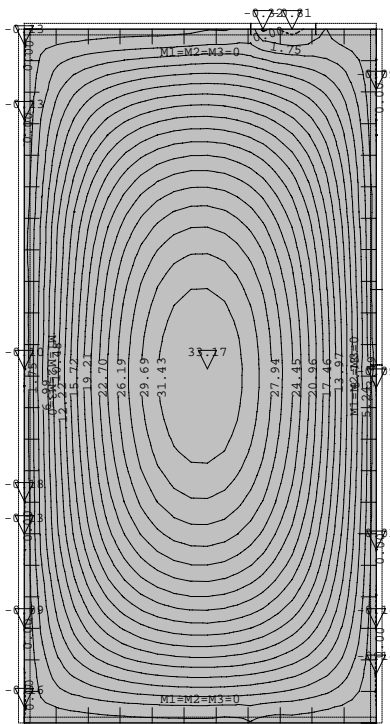


Nivo: IV etaža [12.56]
Vplivi v plošči: max $M_x = 1.11$ / min $M_x = 0.00$ kNm/m
Obt. 1: lastna+stalna 1.70kN/m² (g)

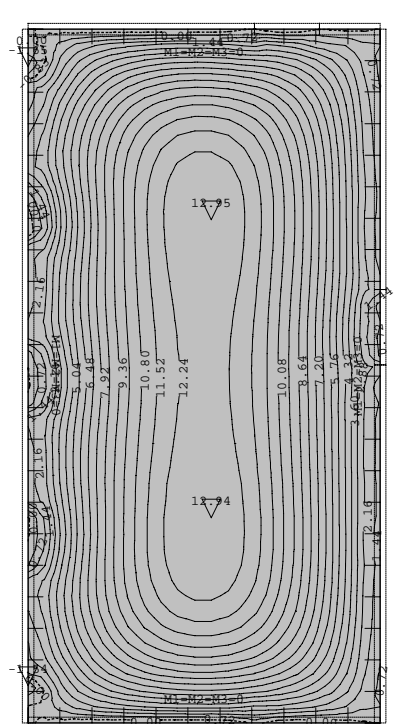
Obt. 7: py



Nivo: IV etaža [12.56]
Vplivi v plošči: max $M_y = 1.29$ / min $M_y = 0.00$ kNm/m
Obt. 1: lastna+stalna 1.70kN/m² (g)

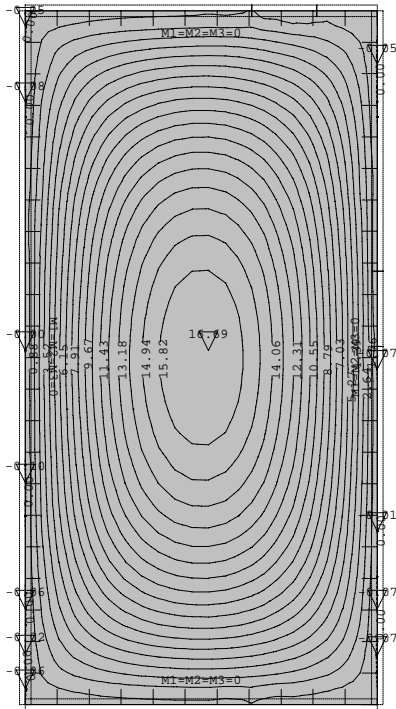


Nivo: III etaža [9.76]
Vplivi v plošči: max $M_x = 33.17$ / min $M_x = -0.81$ kNm/m



Nivo: III etaža [9.76]
Vplivi v plošči: max $M_y = 12.95$ / min $M_y = -1.65$ kNm/m

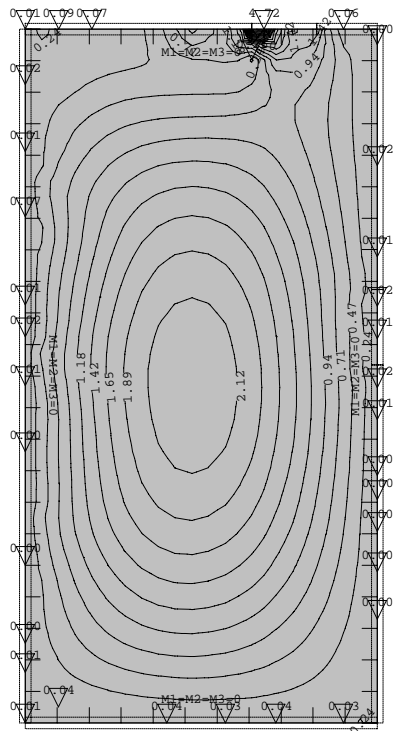
Obt. 2: 1. korisna 4kN/m2



Nivo: III etaža [9.76]

Vplivi v plošči: max M_x = 16.69 / min M_x = -0.10 kNm/m

Obt. 6: px

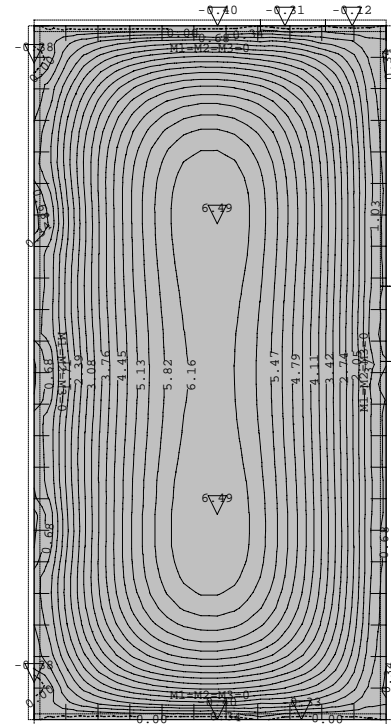


Nivo: III etaža [9.76]

Vplivi v plošči: max M_x = 4.72 / min M_x = 0.00 kNm/m

Tower - 3D Model Builder 5.5

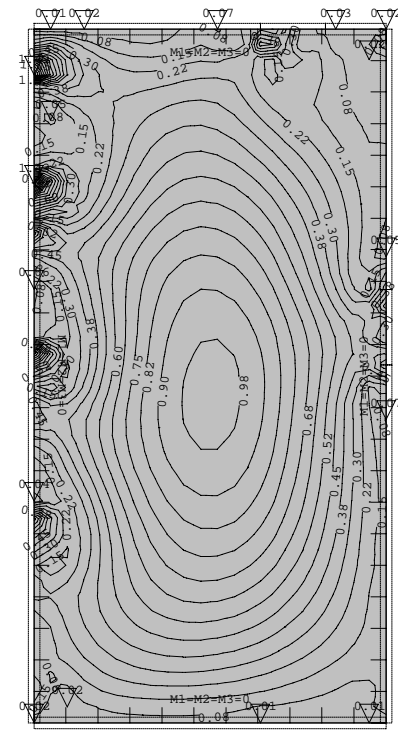
Obt. 2: 1. korisna 4kN/m2



Nivo: III etaža [9.76]

Vplivi v plošči: max M_y = 6.49 / min M_y = -0.40 kNm/m

Obt. 6: px



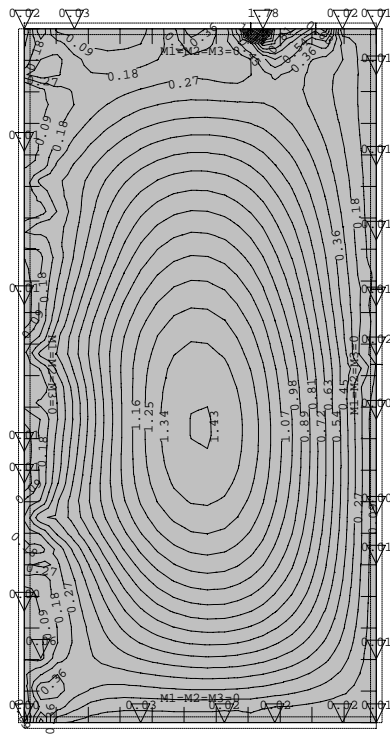
Nivo: III etaža [9.76]

Vplivi v plošči: max M_y = 1.49 / min M_y = 0.01 kNm/m

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Obt. 7: py

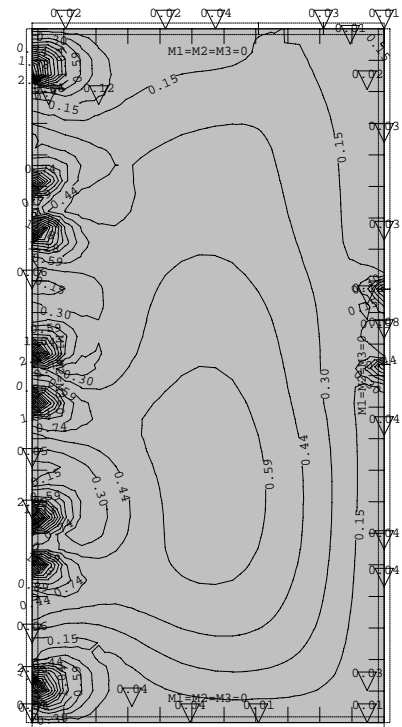


Nivo: III etaža [9.76]

Vplivi v plošči: max $M_x = 1.78$ / min $M_x = 0.00$ kNm/m

Obt. 1: lastna+stalna 1.70kN/m² (g)

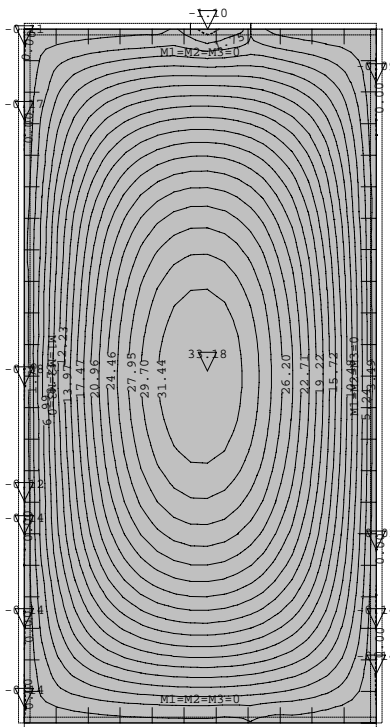
Obt. 7: py



Nivo: III etaža [9.76]

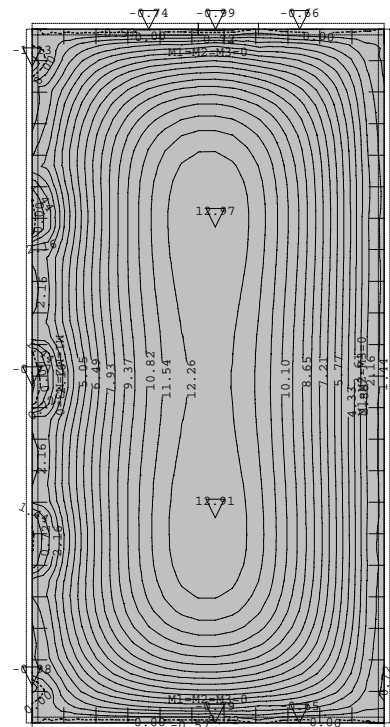
Vplivi v plošči: max $M_y = 2.96$ / min $M_y = 0.01$ kNm/m

Obt. 1: lastna+stalna 1.70kN/m² (g)



Nivo: II etaža [6.62]

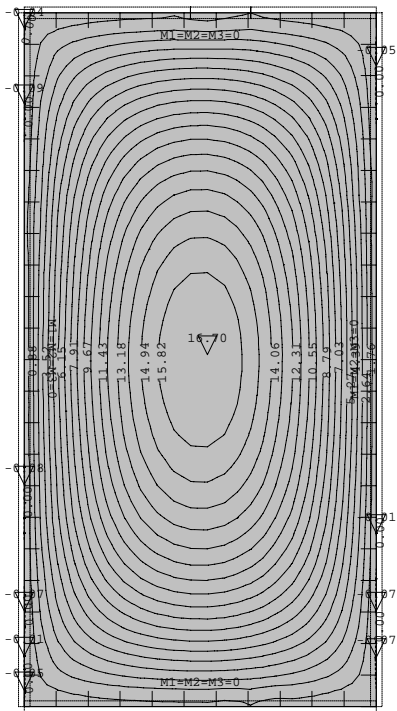
Vplivi v plošči: max $M_x = 33.18$ / min $M_x = -1.10$ kNm/m



Nivo: II etaža [6.62]

Vplivi v plošči: max $M_y = 12.97$ / min $M_y = -1.13$ kNm/m

Obt. 2: 1. korisna 4kN/m2

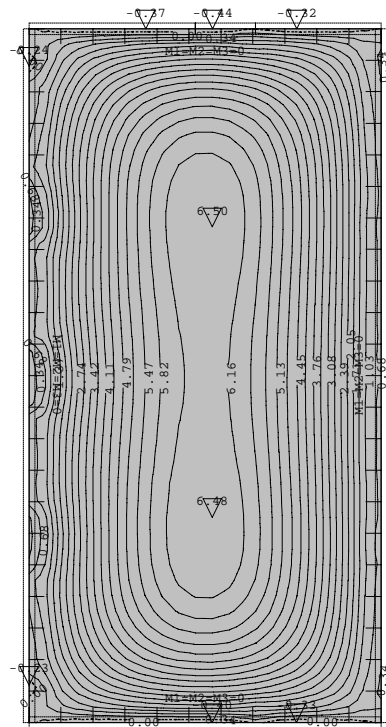


Nivo: II etaža [6.62]

Vplivi v plošči: max M_x = 16.70 / min M_x = -0.09 kNm/m

Obt. 6: px

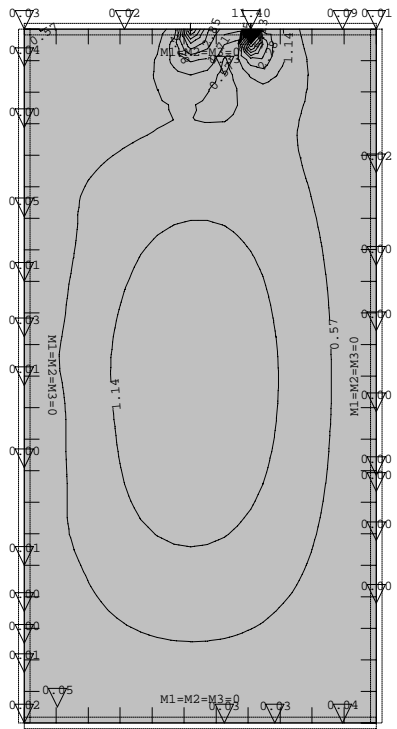
Obt. 2: 1. korisna 4kN/m2



Nivo: II etaža [6.62]

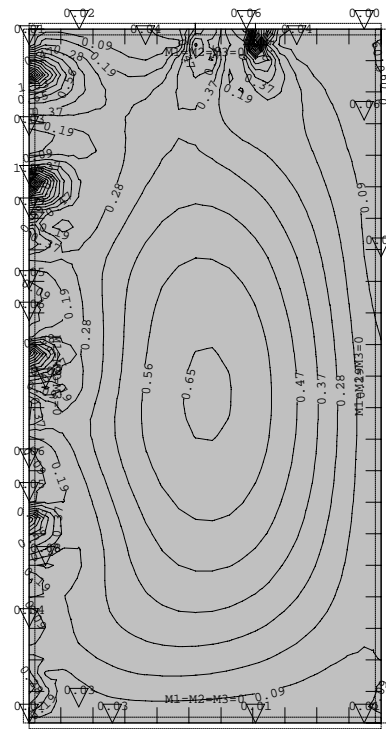
Vplivi v plošči: max M_y = 6.50 / min M_y = -0.44 kNm/m

Obt. 6: px



Nivo: II etaža [6.62]

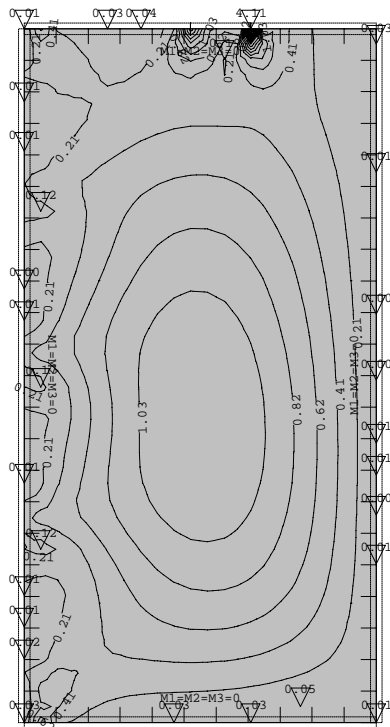
Vplivi v plošči: max M_x = 11.40 / min M_x = 0.00 kNm/m



Nivo: II etaža [6.62]

Vplivi v plošči: max M_y = 1.86 / min M_y = 0.00 kNm/m

Obt. 7: py

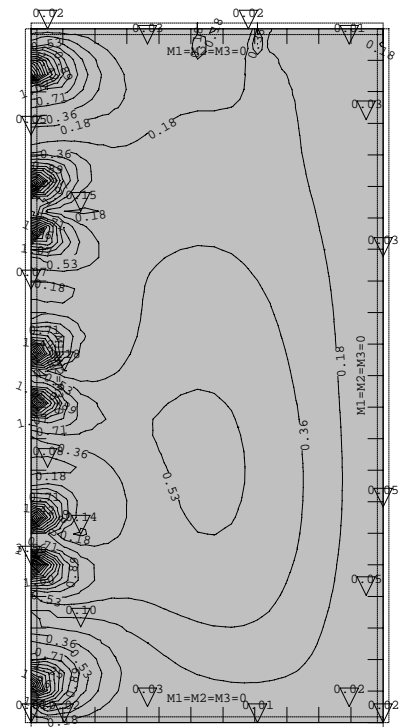


Nivo: II etaža [6.62]

Vplivi v plošči: max $M_x = 4.11$ / min $M_x = 0.00$ kNm/m

Obt. 1: lastna+stalna 1.70kN/m² (g)

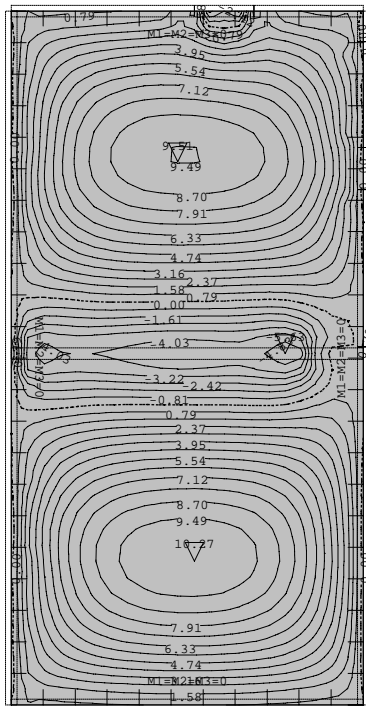
Obt. 7: py



Nivo: II etaža [6.62]

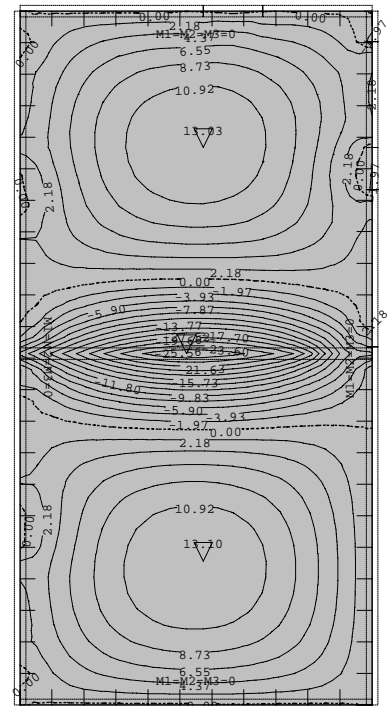
Vplivi v plošči: max $M_y = 3.56$ / min $M_y = 0.01$ kNm/m

Obt. 1: lastna+stalna 1.70kN/m² (g)



Nivo: I etaža [3.48]

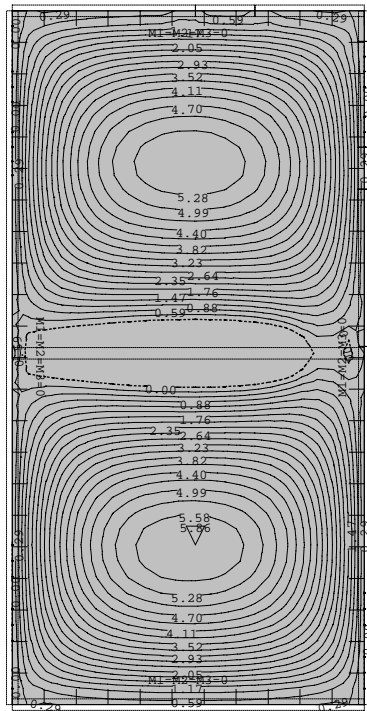
Vplivi v plošči: max $M_x = 10.27$ / min $M_x = -5.63$ kNm/m



Nivo: I etaža [3.48]

Vplivi v plošči: max $M_y = 13.10$ / min $M_y = -27.52$ kNm/m

Ovo: 2-4

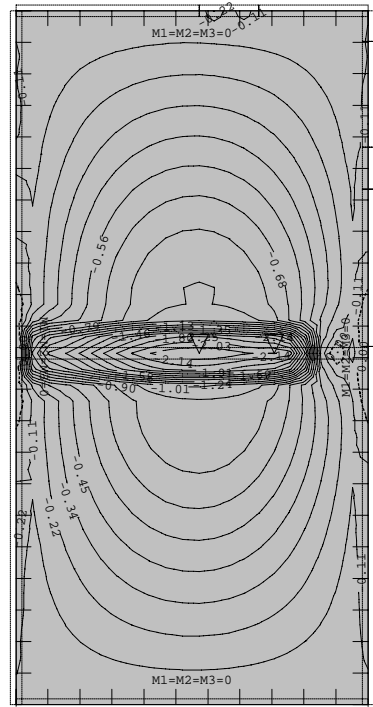


Nivo: I etaža [3.48]

Vplivi v plošči: max $M_x = 5.86$ / min $M_x = 0.00$ kNm/m

Ovo: 2-4

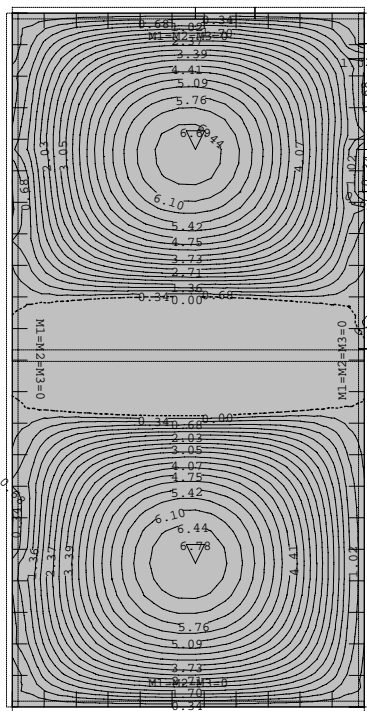
Ovo: 2-4



Nivo: I etaža [3.48]

Vplivi v plošči: max $M_x = 0.00$ / min $M_x = -2.25$ kNm/m

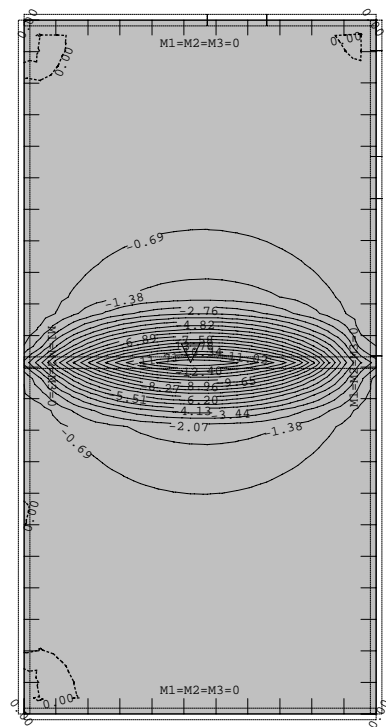
Ovo: 2-4



Nivo: I etaža [3.48]

Vplivi v plošči: max $M_y = 6.78$ / min $M_y = 0.00$ kNm/m

Tower - 3D Model Builder 5.5



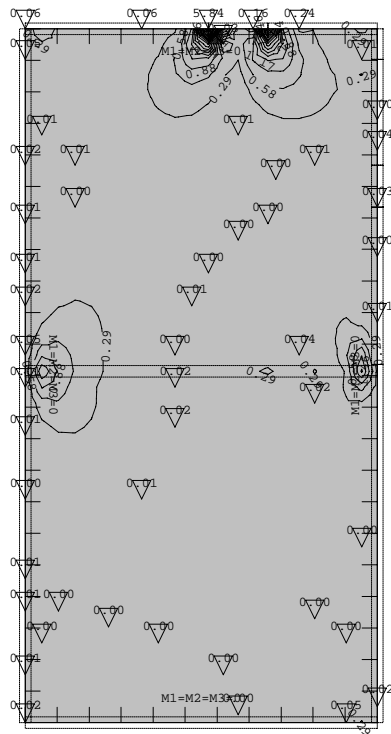
Nivo: I etaža [3.48]

Vplivi v plošči: max $M_y = 0.00$ / min $M_y = -13.78$ kNm/m

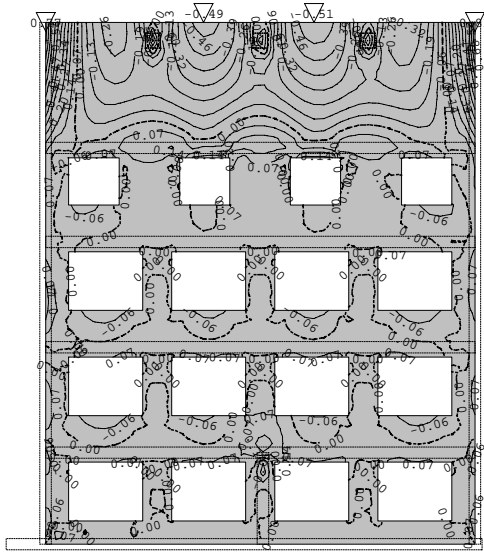
Registered to Biro Udovč s.p.

Radimpex - www.radimpex.co.yu

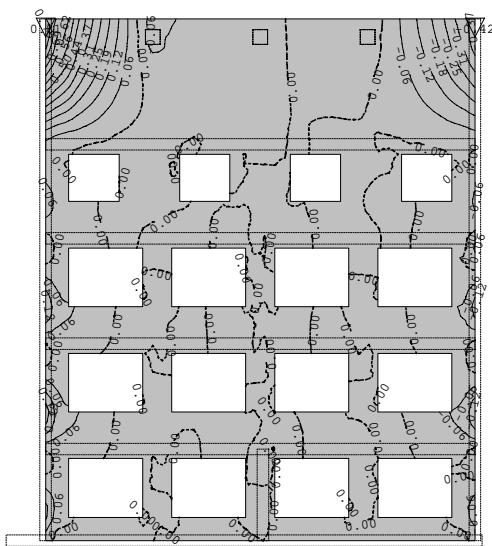
Obt. 6: px



Obt. 6: veter +x

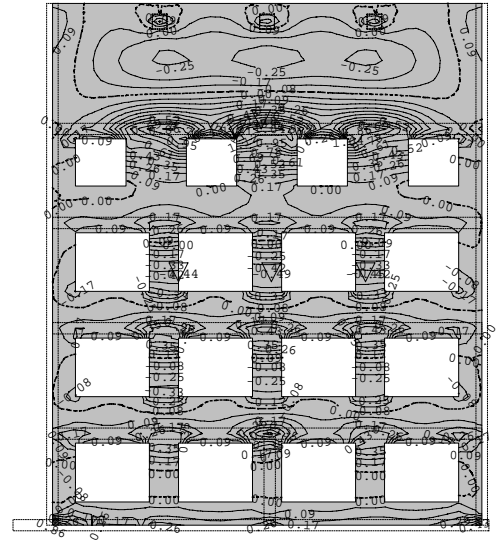


Okvir: V_1
Vplivi v plošči: max Mx= 0.81 / min Mx= -0.51 kNm/m
Obt. 8: veter +y

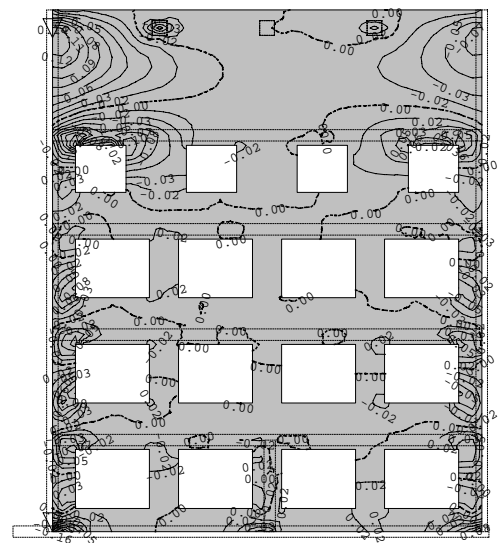


Okvir: V_1
Vplivi v plošči: max Mx= 0.81 / min Mx= -0.42 kNm/m

Obt. 6: veter +x

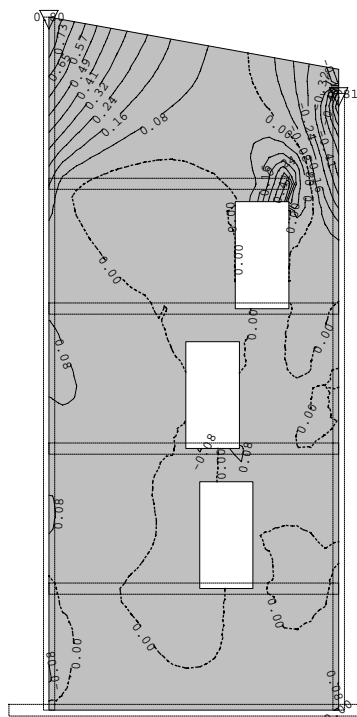


Okvir: V_1
Vplivi v plošči: max My= 1.21 / min My= -0.49 kNm/m
Obt. 8: veter +y



Okvir: V_1
Vplivi v plošči: max My= 0.14 / min My= -0.17 kNm/m

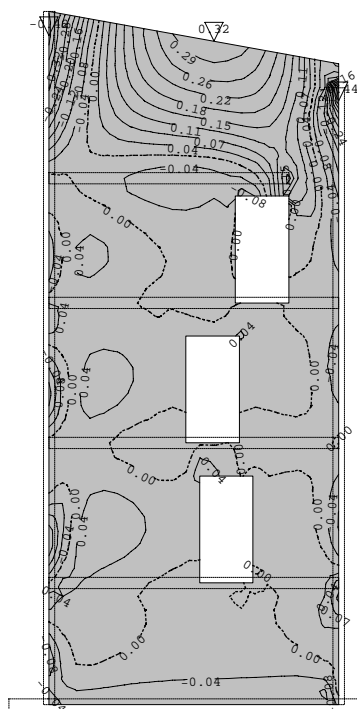
Obt. 6: veter +x



Okvir: H_3

Vplivi v plošči: max Mx= 0.80 / min Mx= -0.81 kNm/m

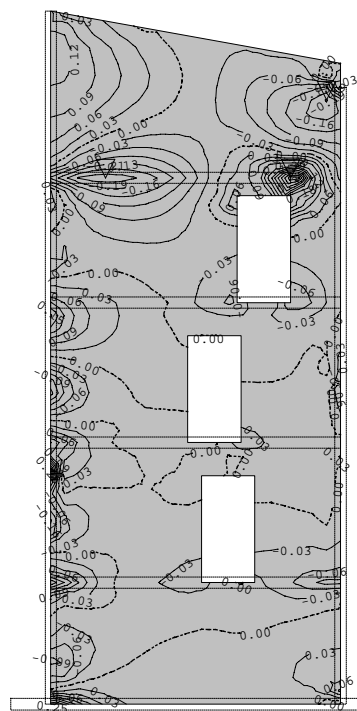
Obt. 8: veter +y



Okvir: H_3

Vplivi v plošči: max Mx= 0.32 / min Mx= -0.44 kNm/m

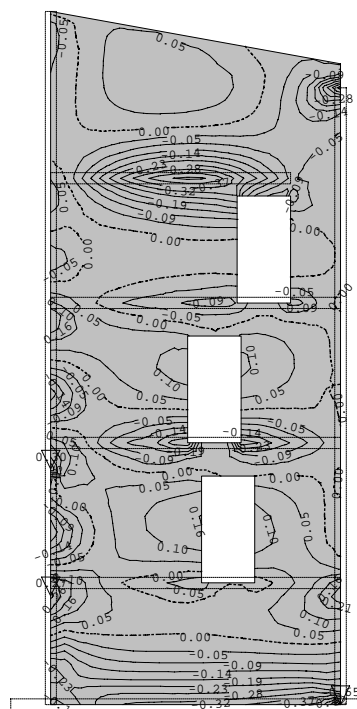
Obt. 6: veter +x



Okvir: H_3

Vplivi v plošči: max My= 0.39 / min My= -0.21 kNm/m

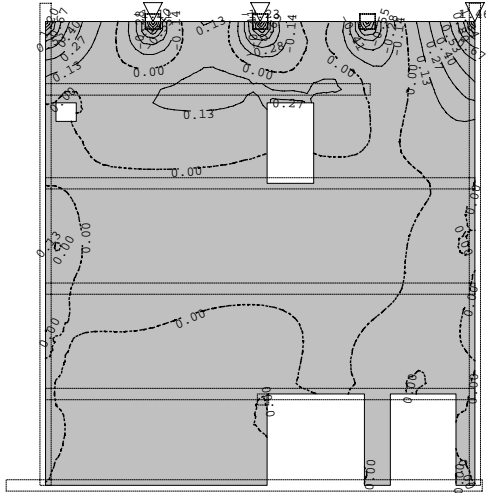
Obt. 8: veter +y



Okvir: H_3

Vplivi v plošči: max My= 0.30 / min My= -0.65 kNm/m

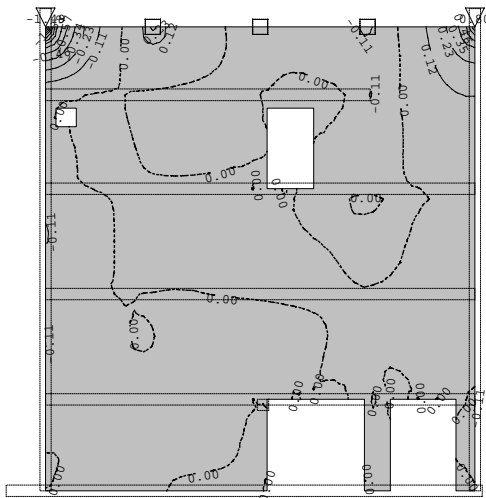
Obt. 6: veter +x



Okvir: V_2

Vplivi v plošči: max $M_x = 1.46$ / min $M_x = -1.23$ kNm/m

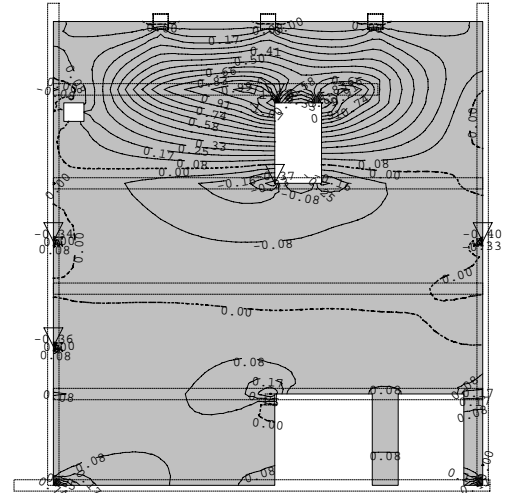
Obt. 8: veter +y



Okvir: V_2

Vplivi v plošči: max $M_x = 0.80$ / min $M_x = -1.49$ kNm/m

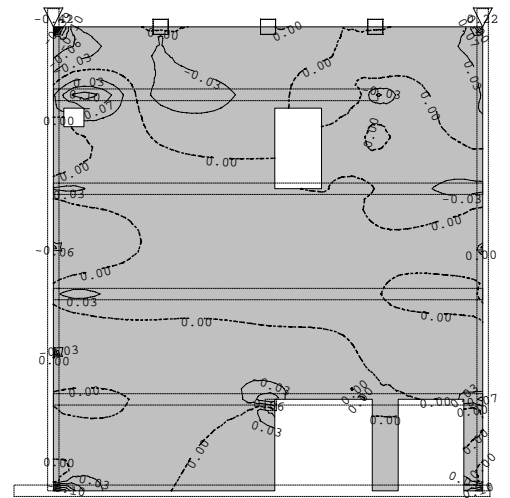
Obt. 6: veter +x



Okvir: V_2

Vplivi v plošči: max $M_y = 1.23$ / min $M_y = -0.40$ kNm/m

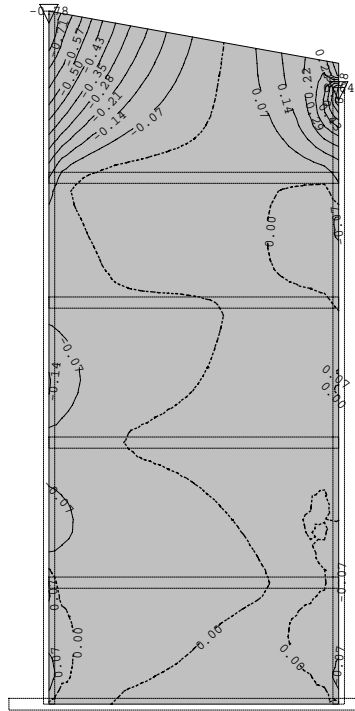
Obt. 8: veter +y



Okvir: V_2

Vplivi v plošči: max $M_y = 0.22$ / min $M_y = -0.42$ kNm/m

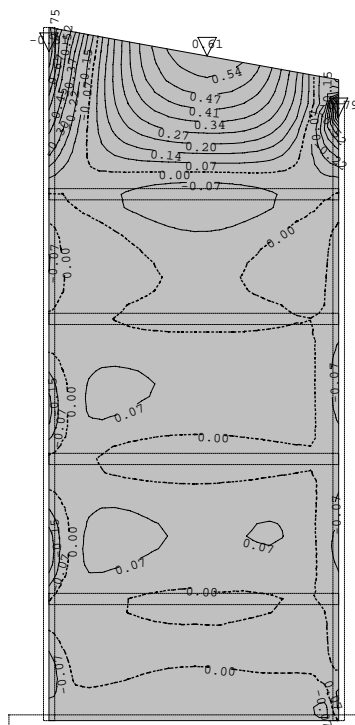
Obt. 6: veter +x



Okvir: H_1

Vplivi v plošči: max $M_x = 0.64$ / min $M_x = -0.78$ kNm/m

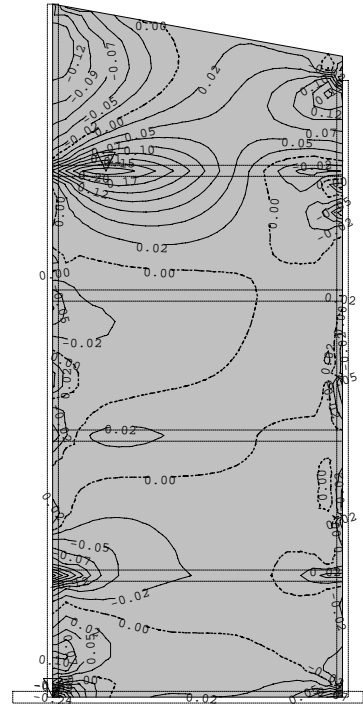
Obt. 8: veter +y



Okvir: H_1

Vplivi v plošči: max $M_x = 0.61$ / min $M_x = -0.81$ kNm/m

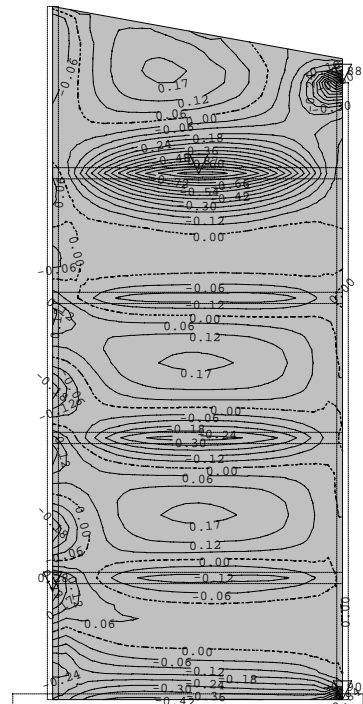
Obt. 6: veter +x



Okvir: H_1

Vplivi v plošči: max $M_y = 0.21$ / min $M_y = -0.25$ kNm/m

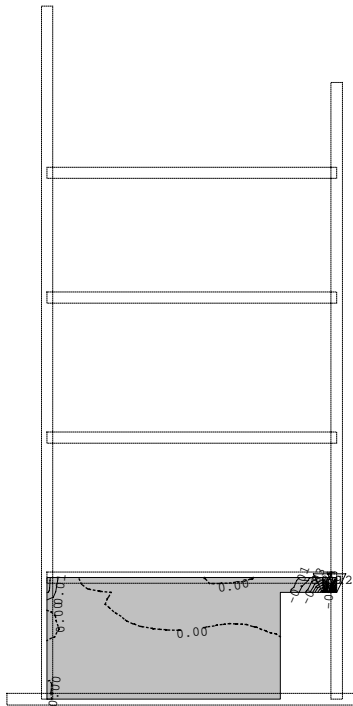
Obt. 8: veter +y



Okvir: H_1

Vplivi v plošči: max $M_y = 0.28$ / min $M_y = -0.90$ kNm/m

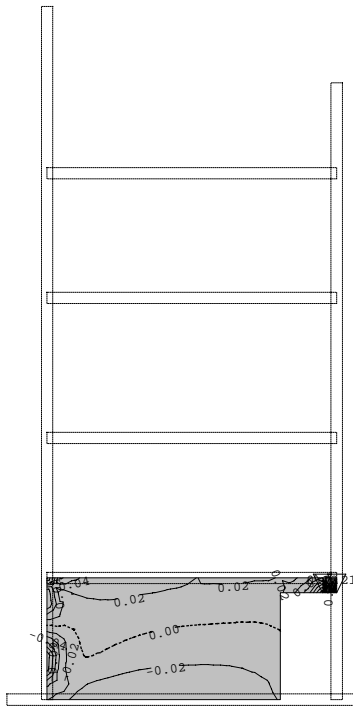
Obt. 6: veter +x



Okvir: H_2

Vplivi v plošči: max $M_x = 0.12$ / min $M_x = -0.09$ kNm/m

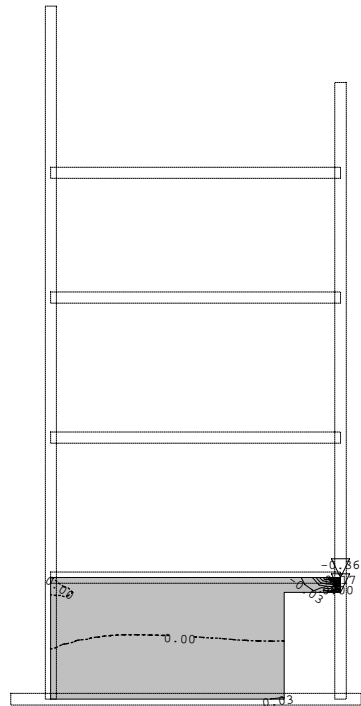
Obt. 8: veter +y



Okvir: H_2

Vplivi v plošči: max $M_x = 0.13$ / min $M_x = -0.21$ kNm/m

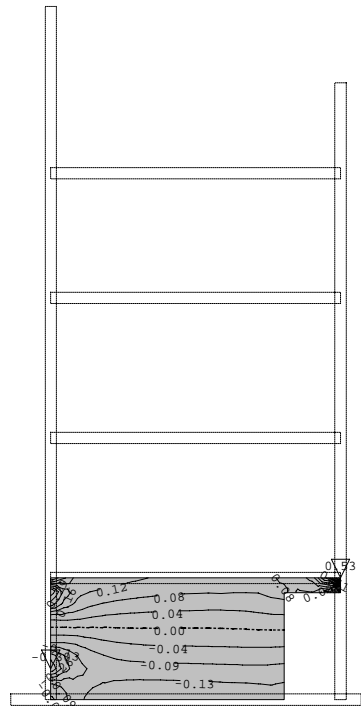
Obt. 6: veter +x



Okvir: H_2

Vplivi v plošči: max $M_y = 0.17$ / min $M_y = -0.36$ kNm/m

Obt. 8: veter +y

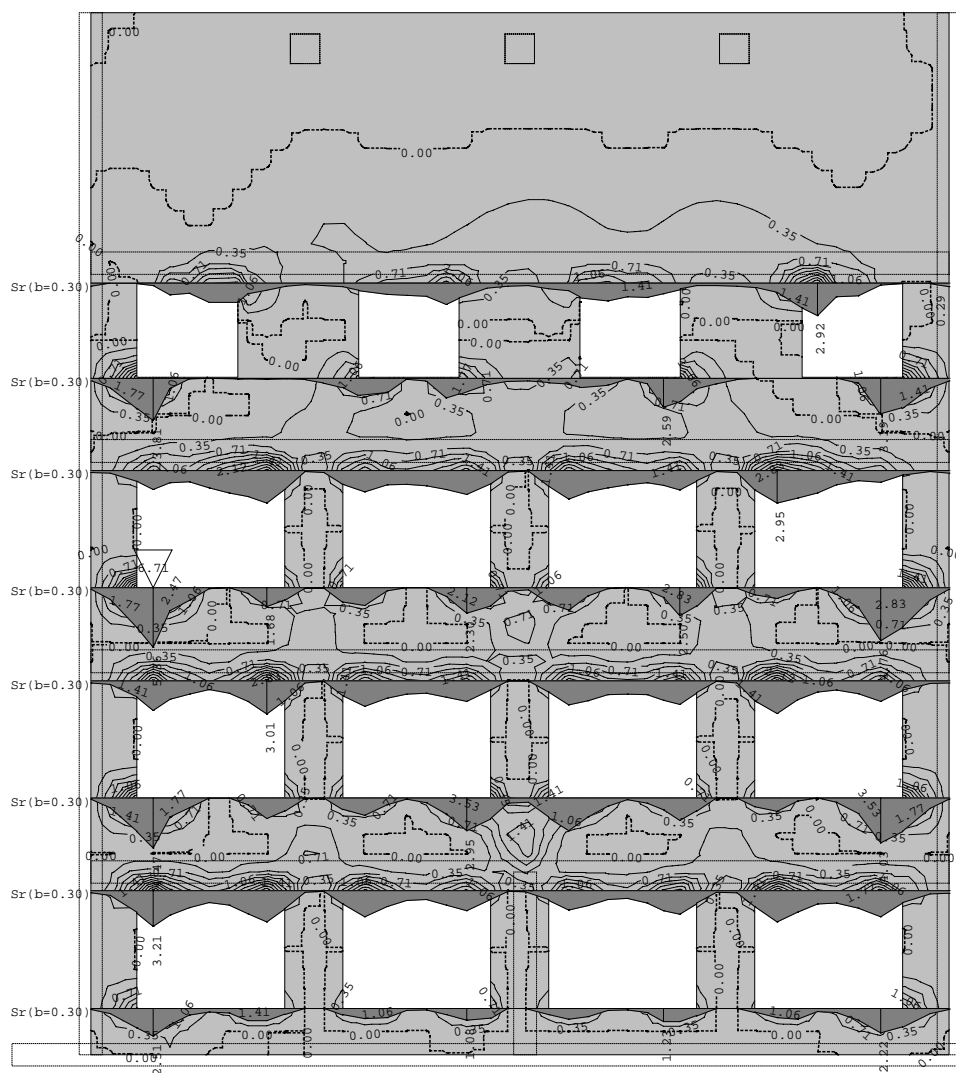


Okvir: H_2

Vplivi v plošči: max $M_y = 0.53$ / min $M_y = -0.30$ kNm/m

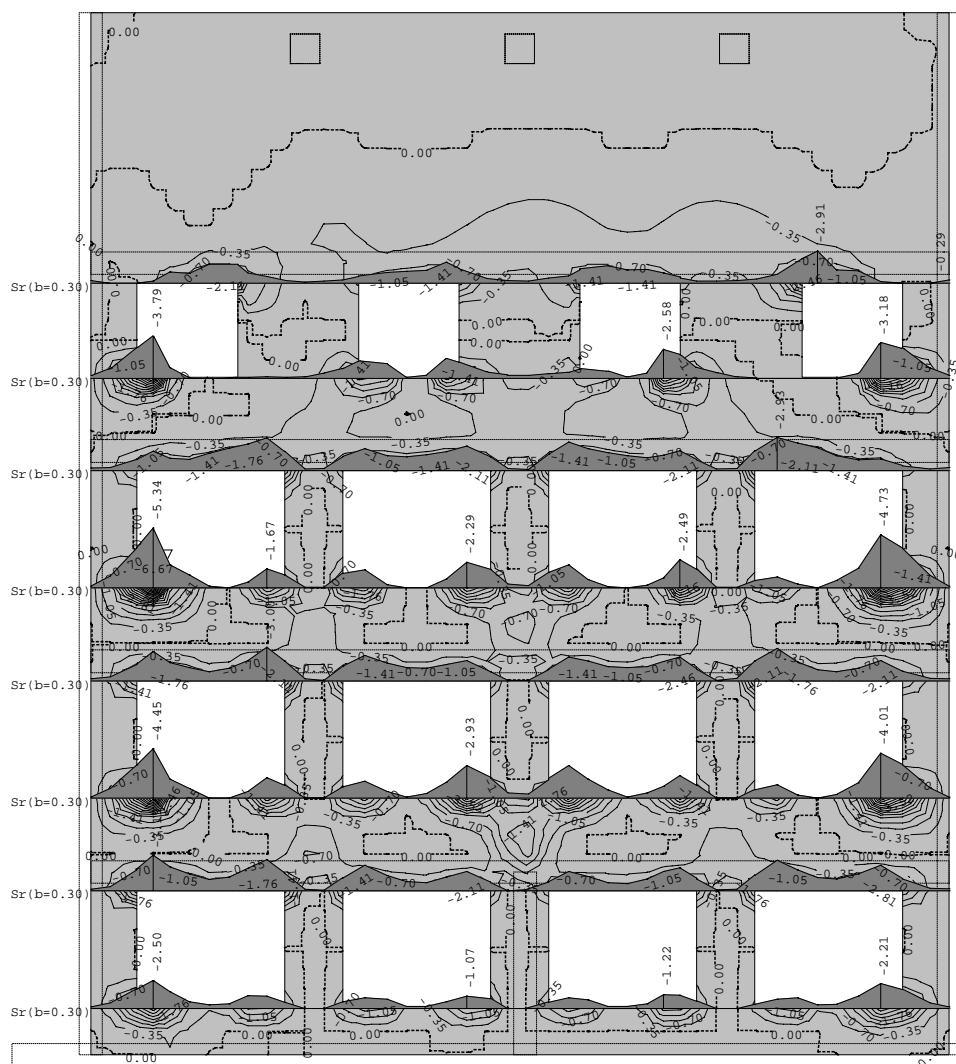
Dimenzioniranje (beton)

Merodajna obtežba : Kompletna shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



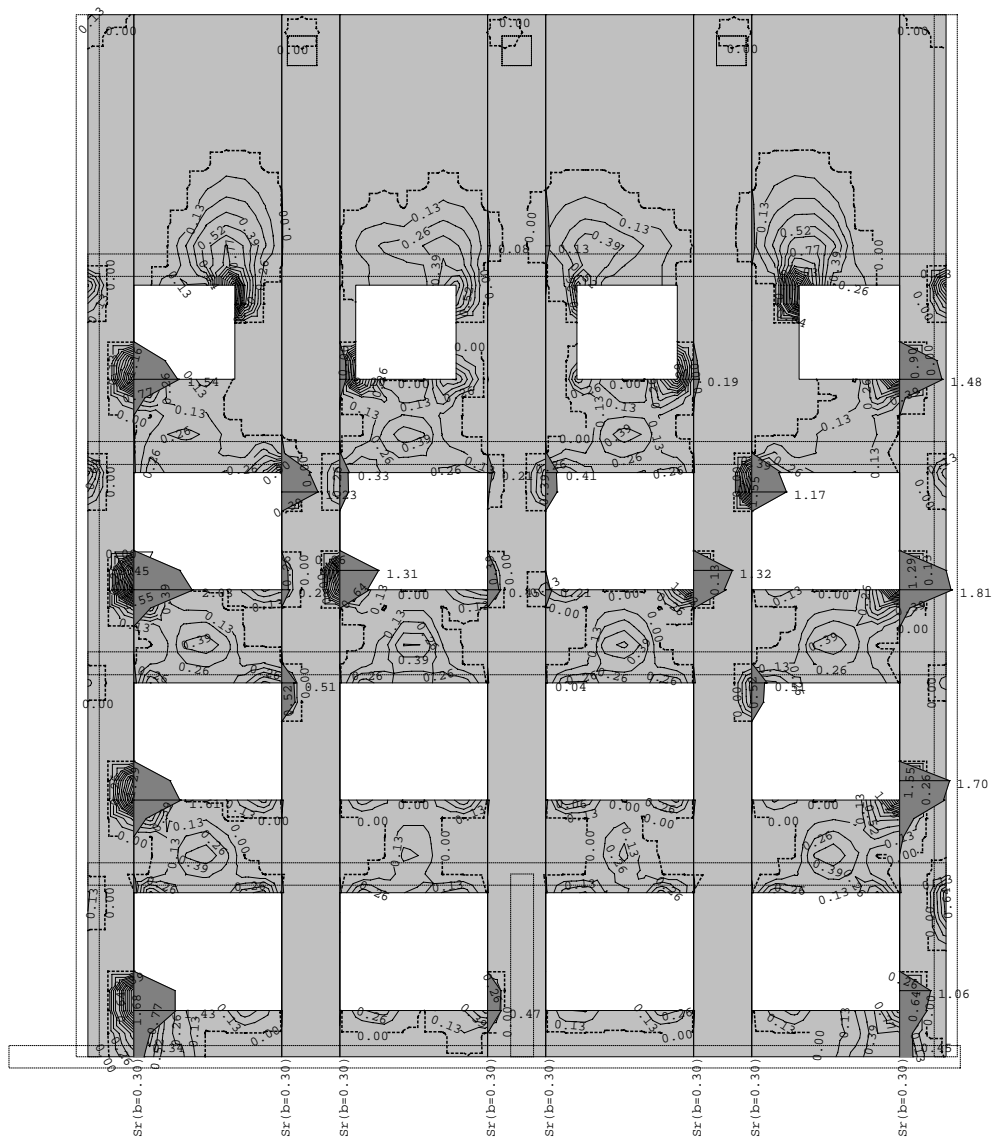
Okvir: V_1
Aa - sp.cona - Smer 1 - max As1= 6.71 cm²/m

Merodajna obtežba : Kompletna shema
 EUROCODE, C 25, MAG 500/560, a=2.00 cm



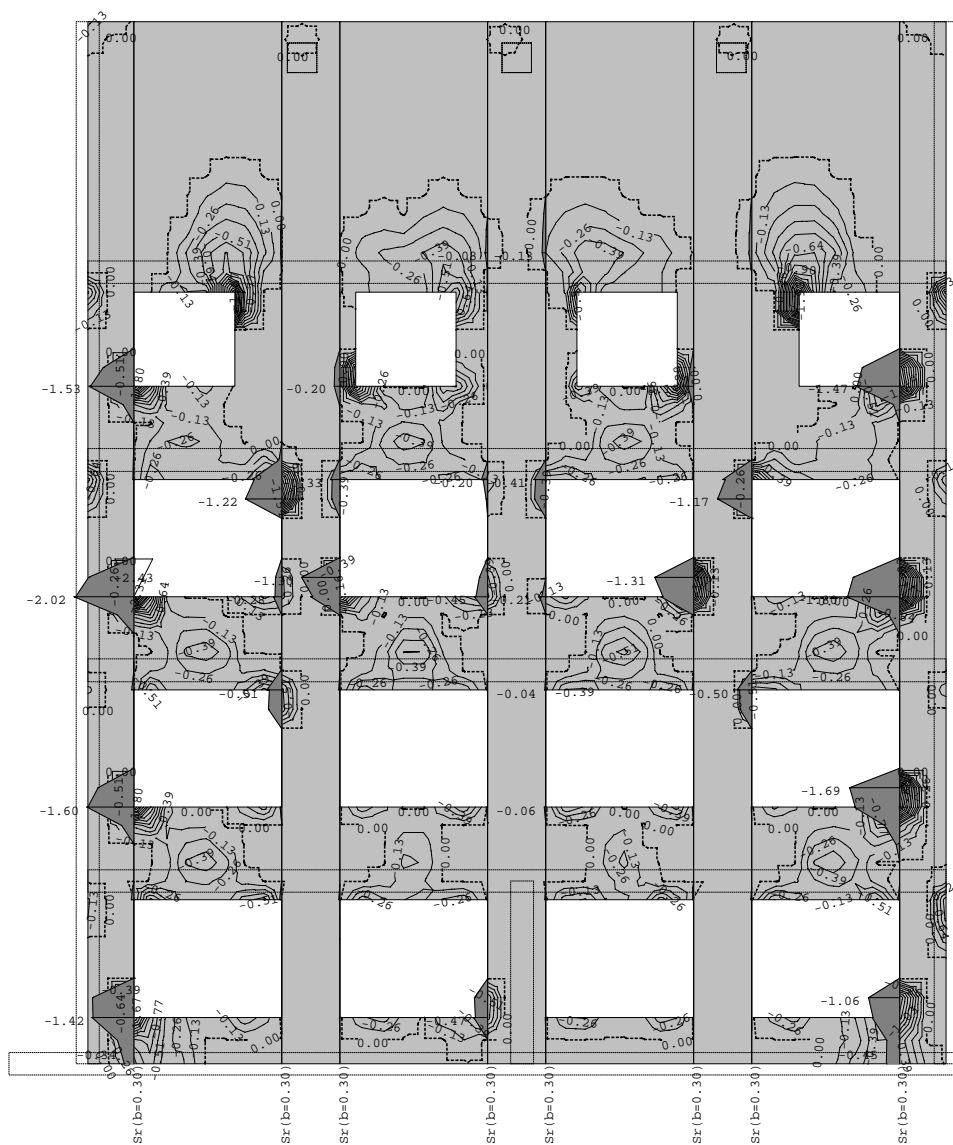
Okvir: V_1
 Aa - zg.cona - Smer 1 - max Az1= -6.67 cm2/m

Merodajna obtežba : Kompletna shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



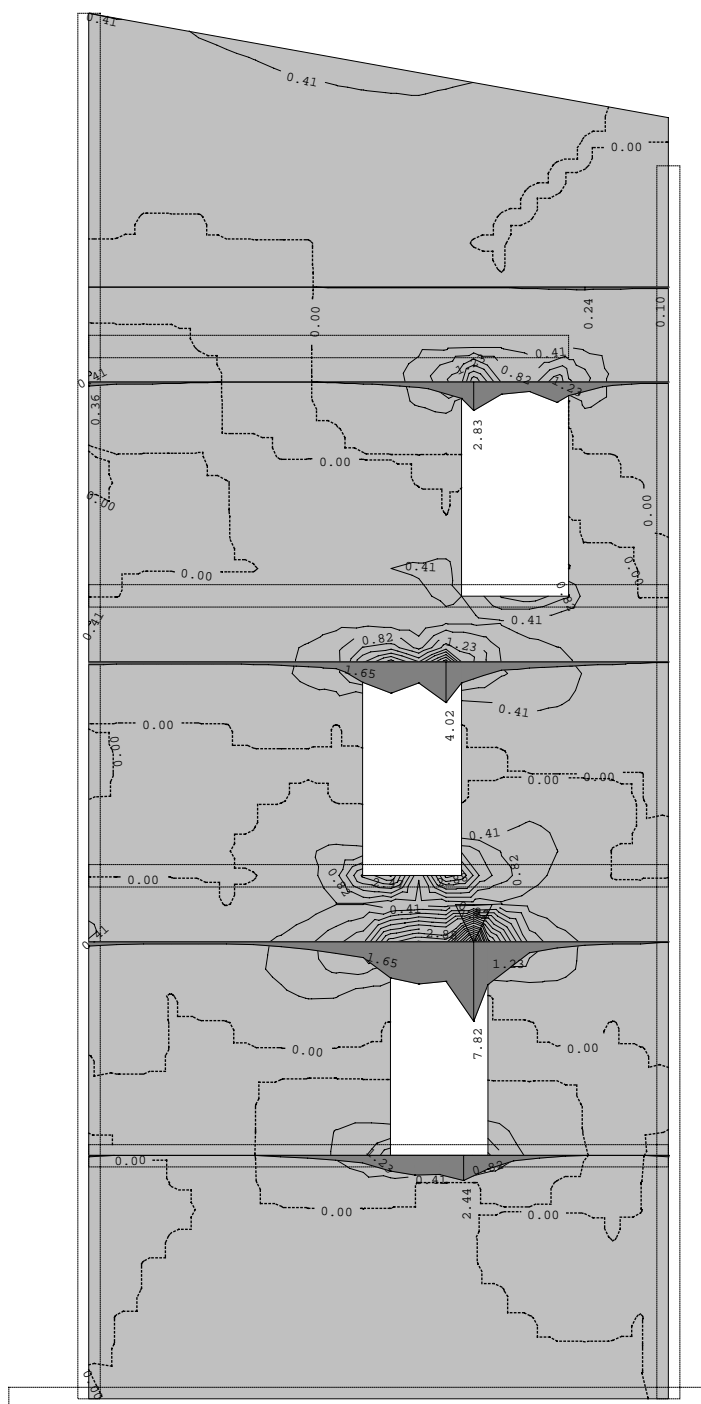
Okvir: V_1
Aa - sp.cona - Smer 2 - max As2= 2.45 cm2/m

Merodajna obtežba : Kompletna shema
 EUROCODE, C 25, MAG 500/560, a=2.00 cm



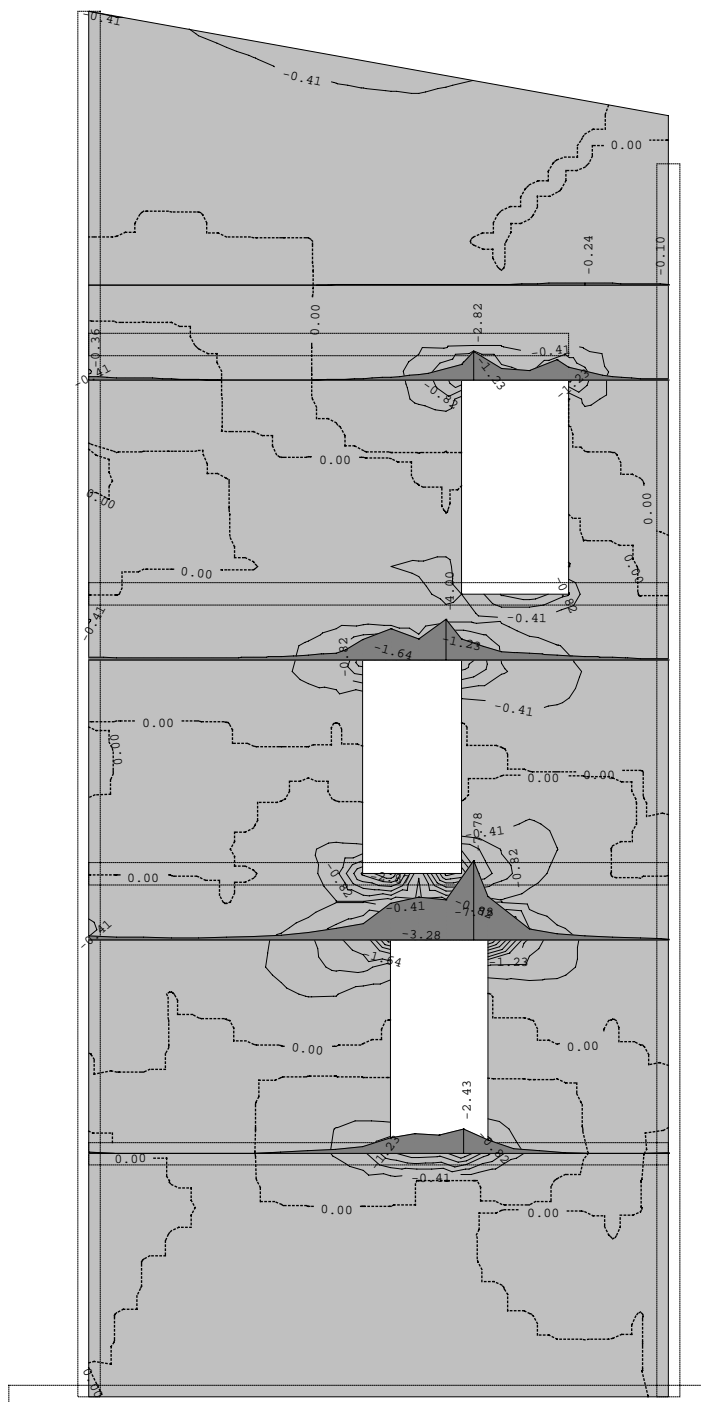
Okvir: V_1
 Aa - zg.cona - Smer 2 - max Az2= -2.43 cm2/m

Merodajna obtežba : Kompletna shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



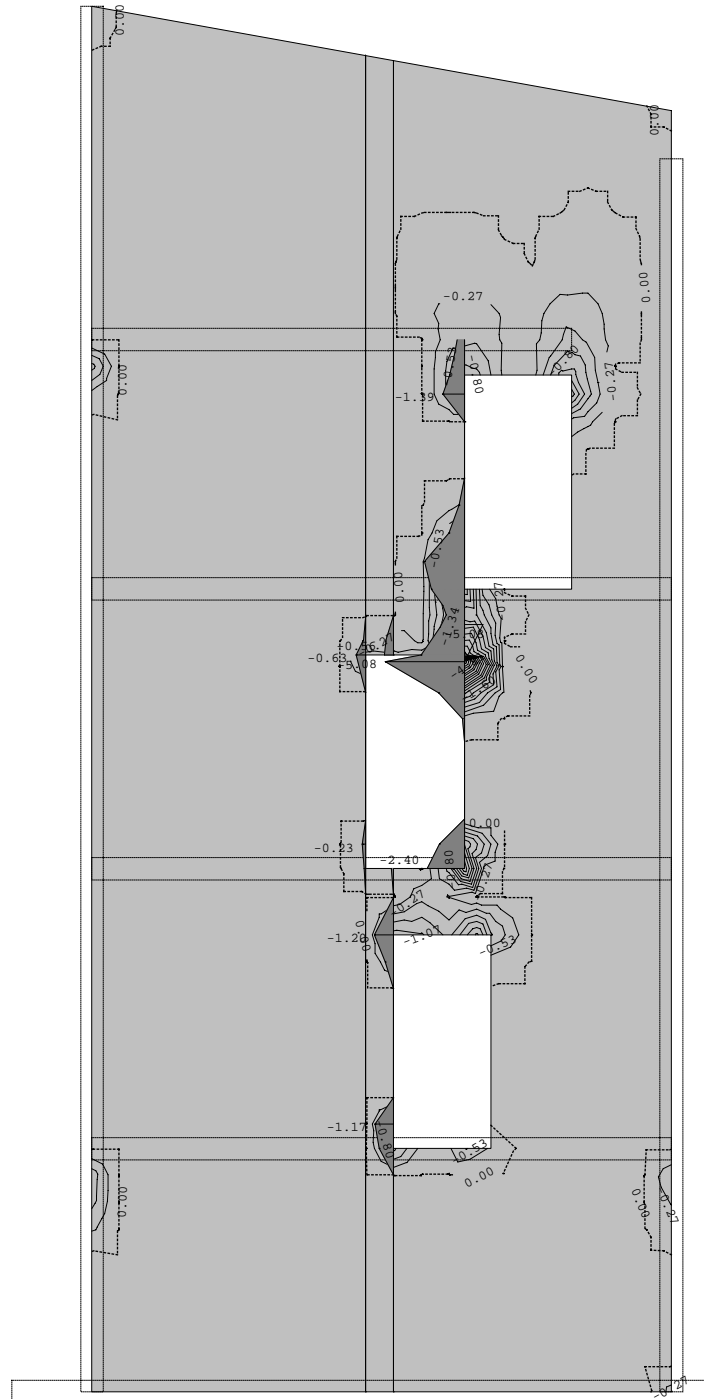
Okvir: H_3
Aa - sp.cona - Smer 1 - max As1= 7.82 cm2/m

Merodajna obtežba : Kompletna shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



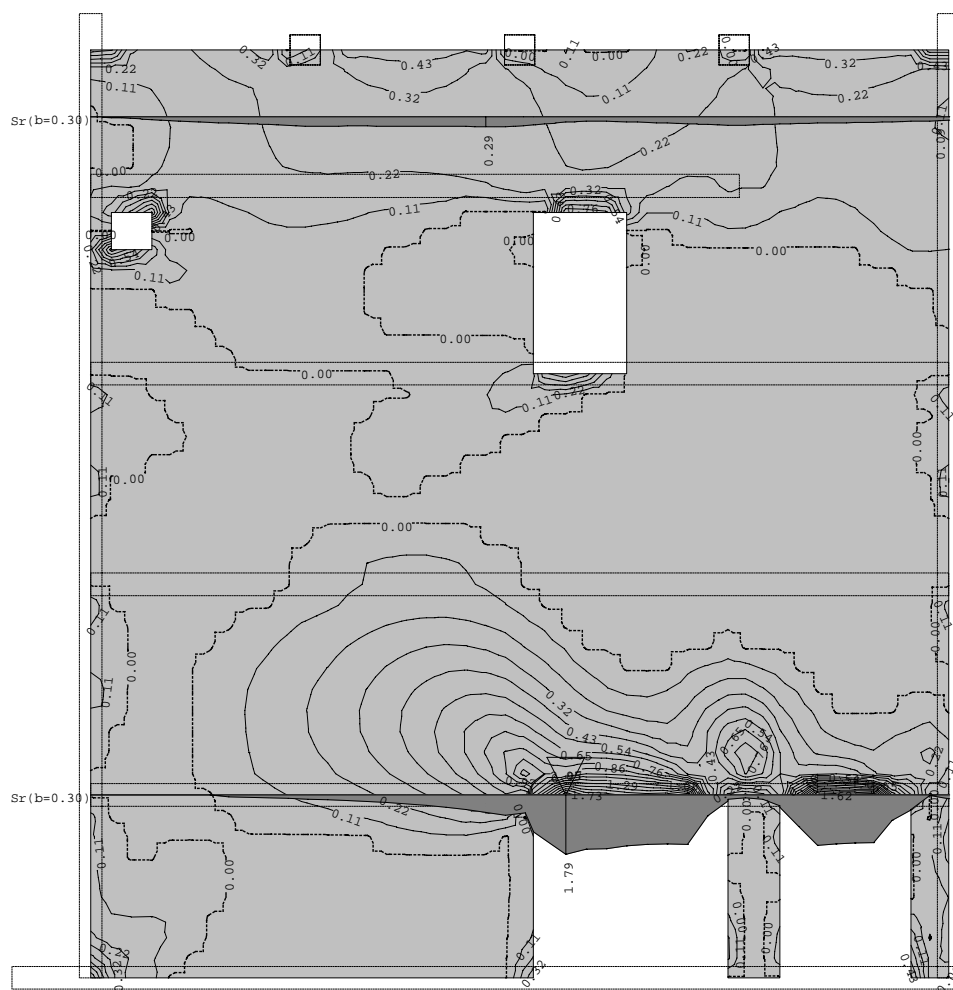
Okvir: H_3
Aa - zg.cona - Smer 1 - max Az1= -7.78 cm2/m

Merodajna obtežba : Kompletna shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



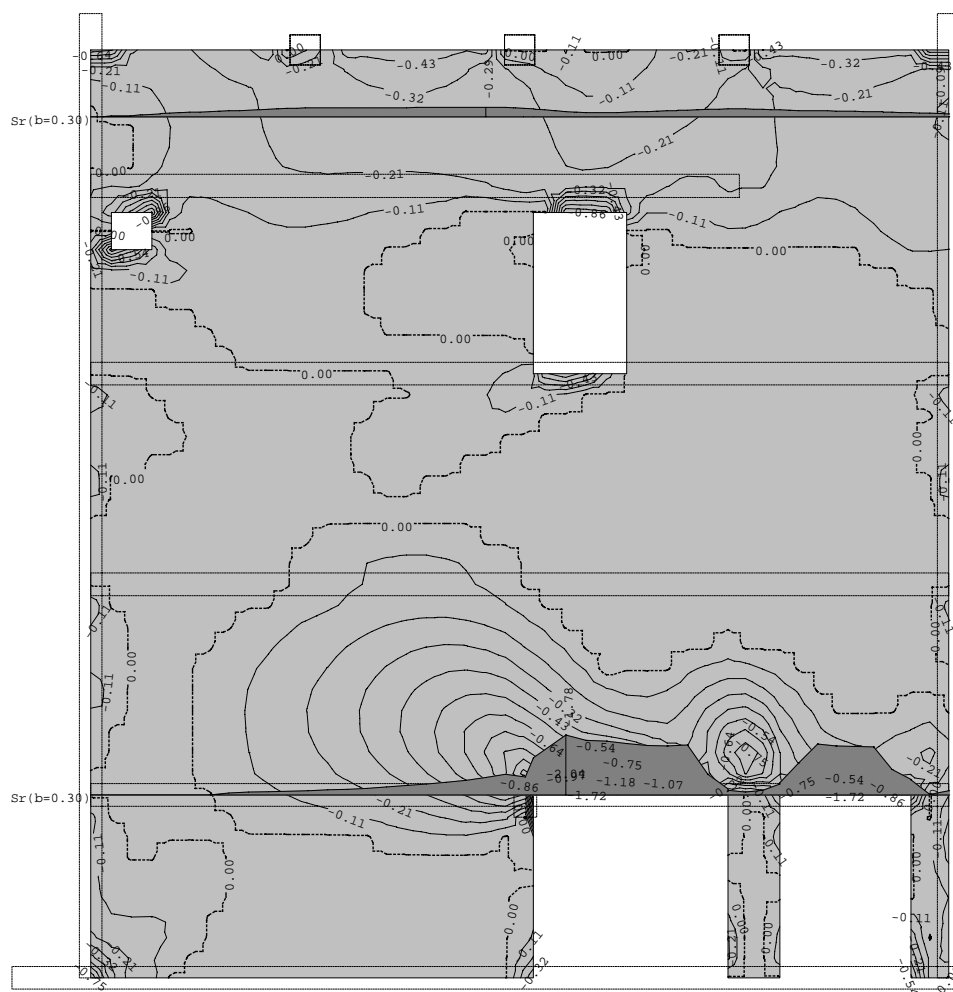
Okvir: H_3
Aa - zg.cona - Smer 2 - max Az2= -5.08 cm2/m

Merodajna obtežba : Kompletna shema
 EUROCODE, C 25, MAG 500/560, a=2.00 cm



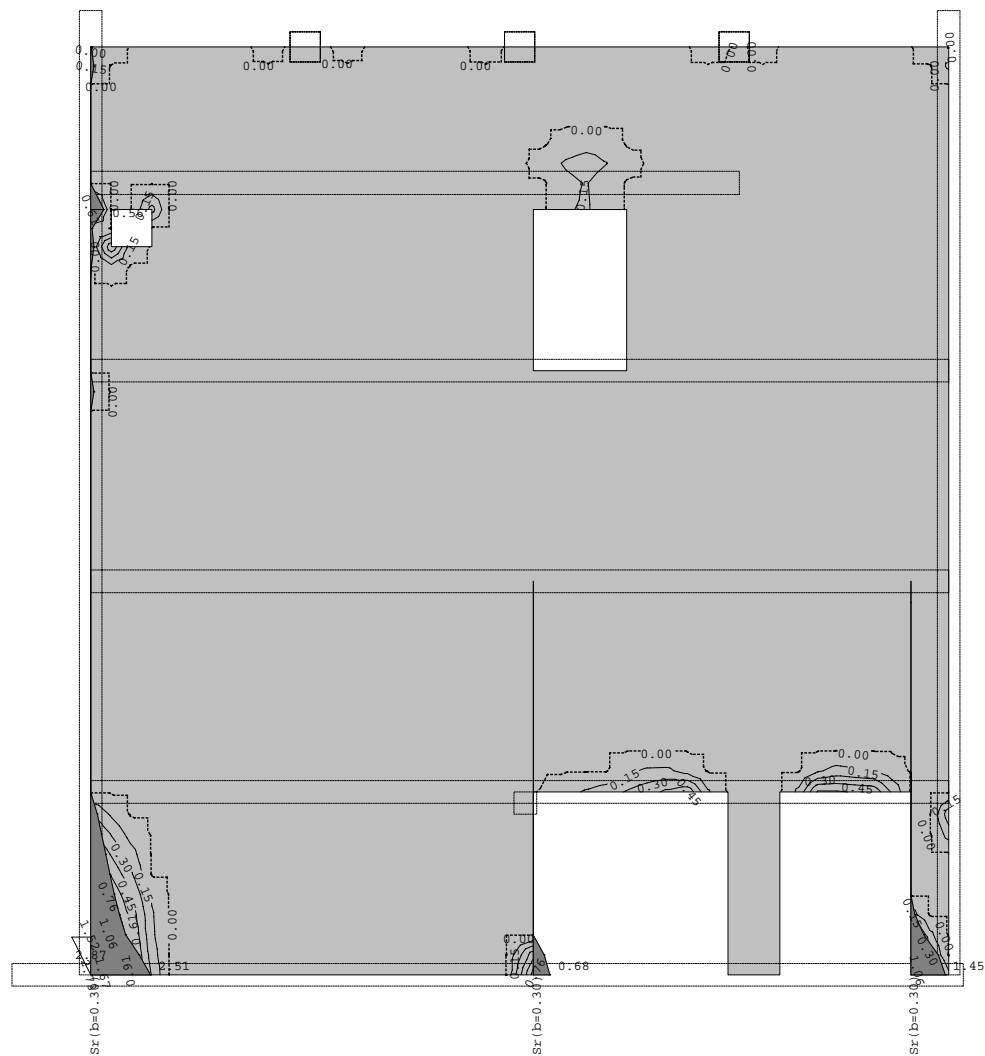
Okvir: V_2
 Aa - sp.cona - Smer 1 - max As1= 2.05 cm²/m

Merodajna obtežba : Kompletna shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



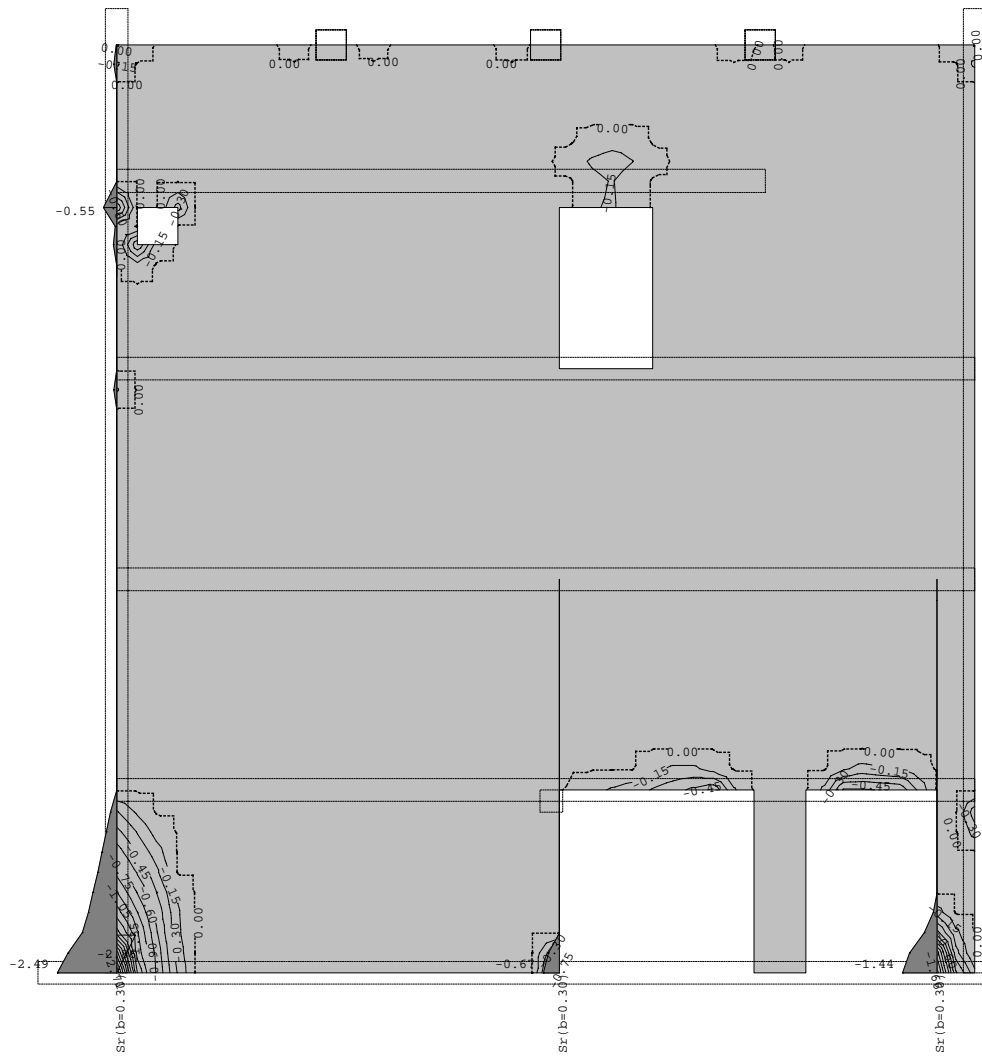
Okvir: V_2
Aa - zg.cona - Smer 1 - max Az1= -2.04 cm2/m

Merodajna obtežba : Kompletna shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



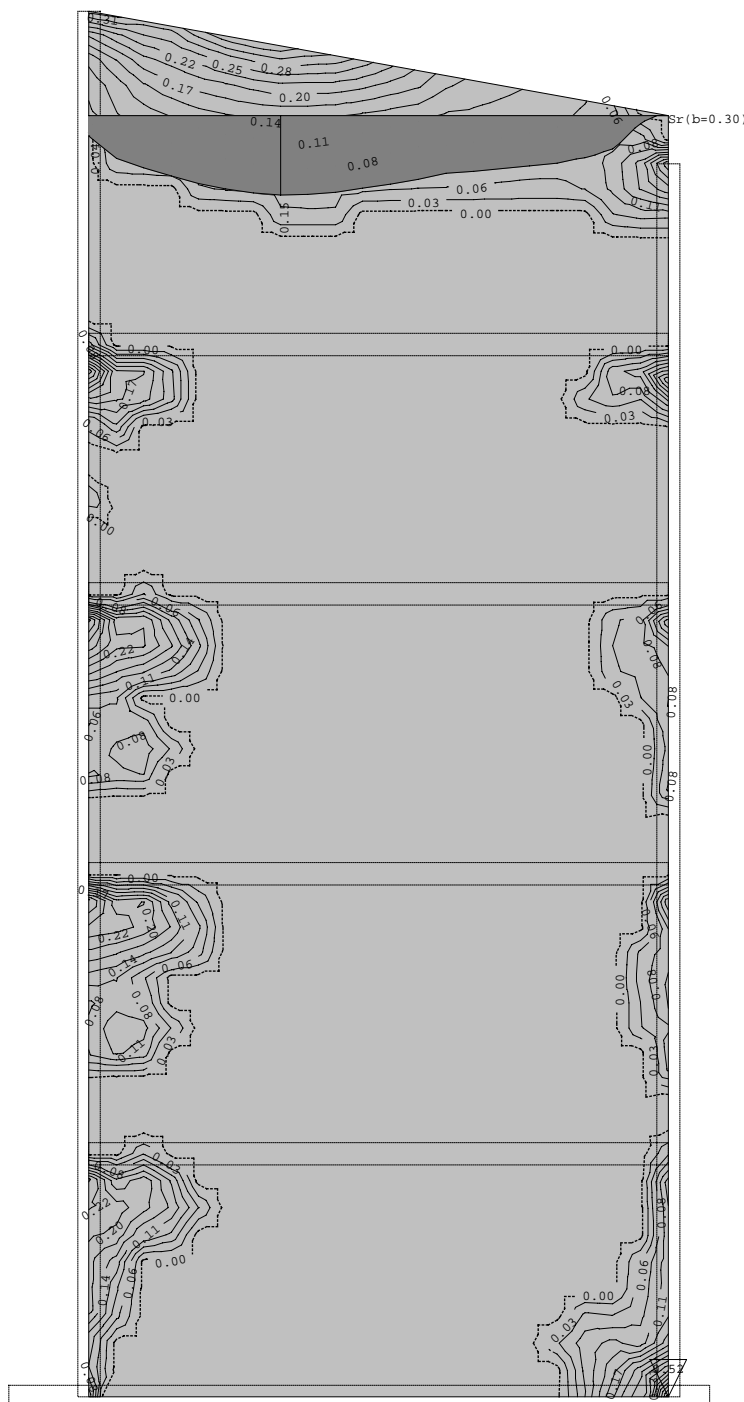
Okvir: V_2
Aa - sp.cona - Smer 2 - max As2= 2.87 cm2/m

Merodajna obtežba : Kompletna shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



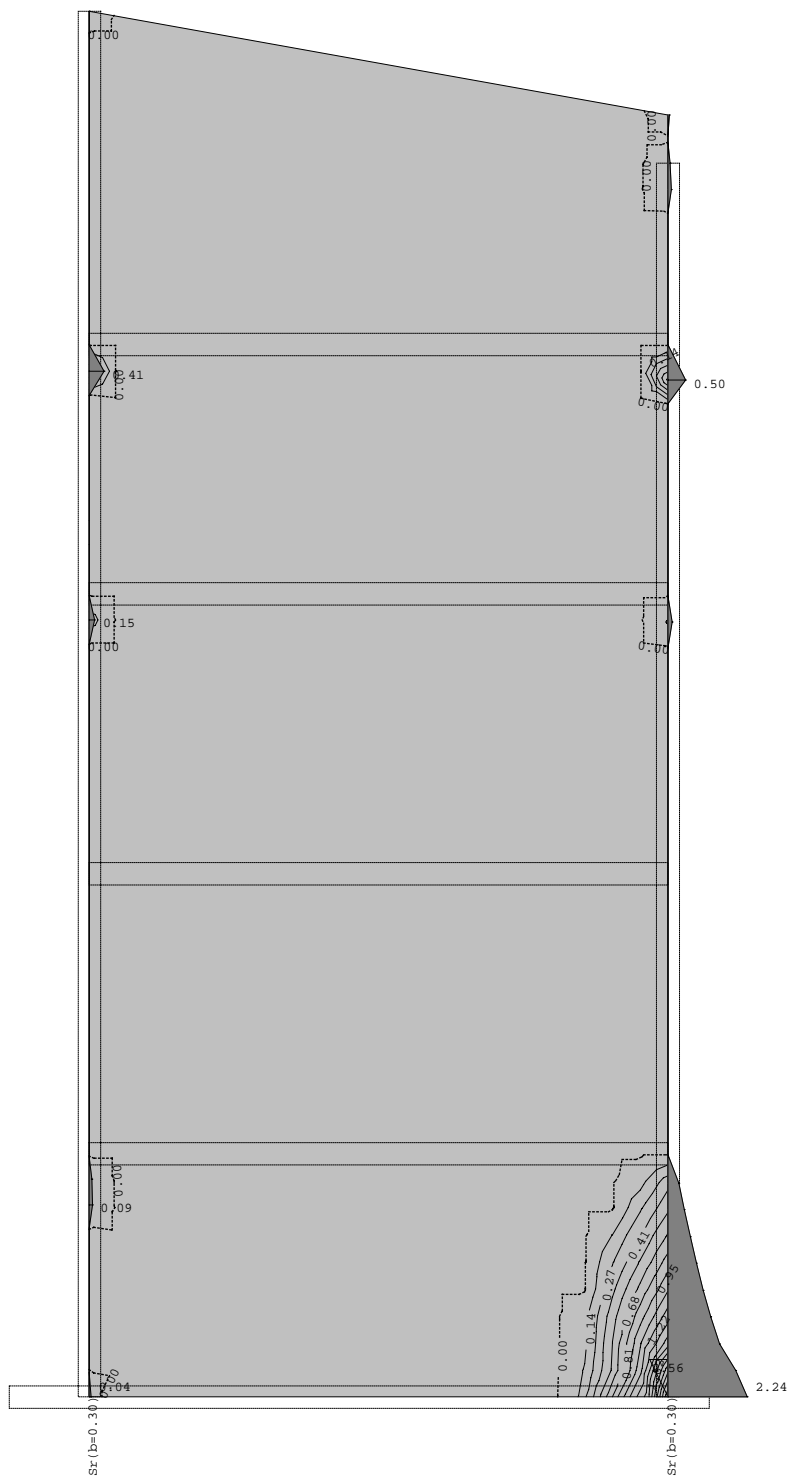
Okvir: V_2
Aa - zg.cona - Smer 2 - max Az2= -2.86 cm2/m

Merodajna obtežba : Komplettna shema
 EUROCODE, C 25, MAG 500/560, a=2.00 cm



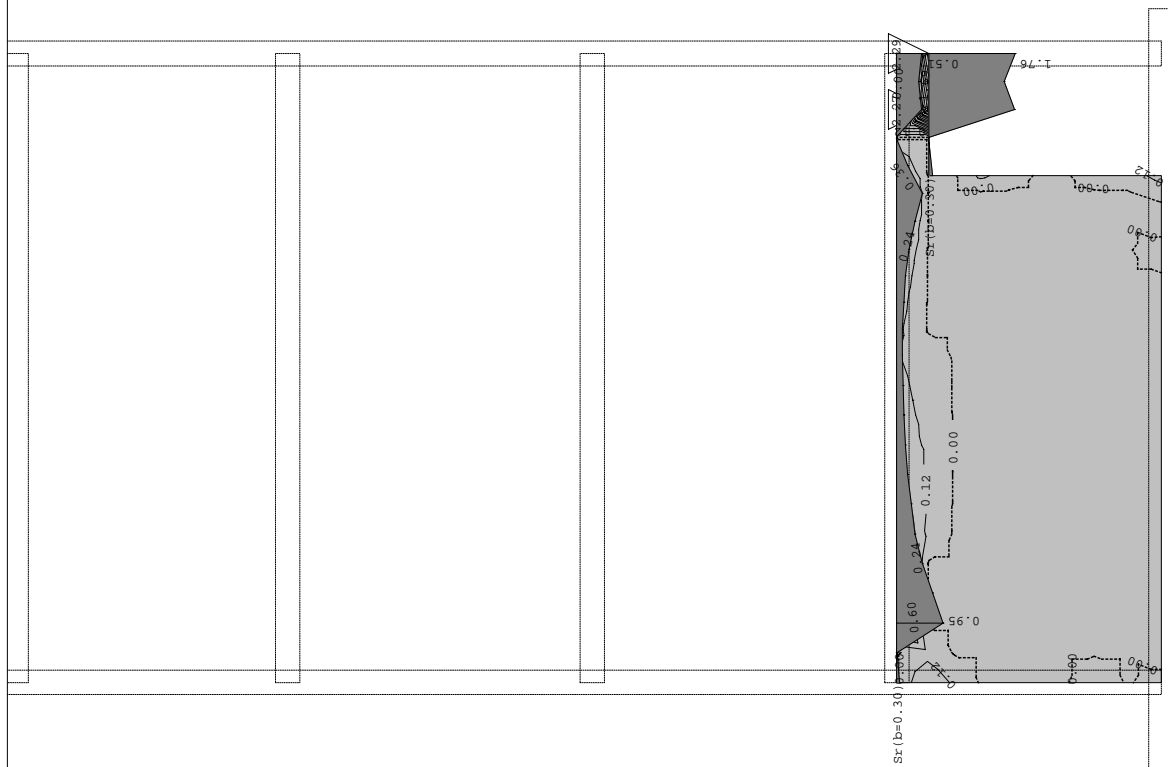
Okvir: H_1
 Aa - sp.cona - Smer 1 - max As1= 0.52 cm²/m

Merodajna obtežba : Kompletna shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



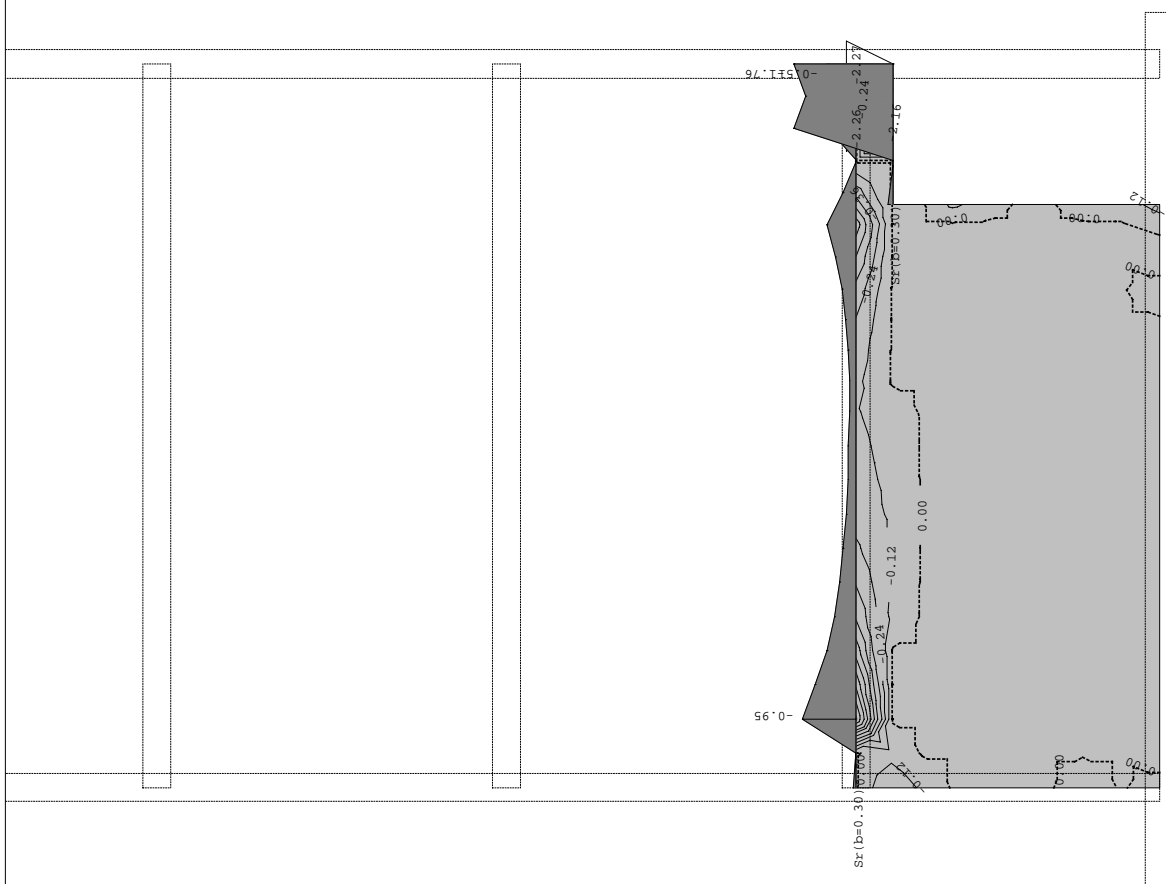
Okvir: H_1
Aa - sp.cona - Smer 2 - max As2= 2.56 cm2/m

Merodajna obtežba : Kompletna shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



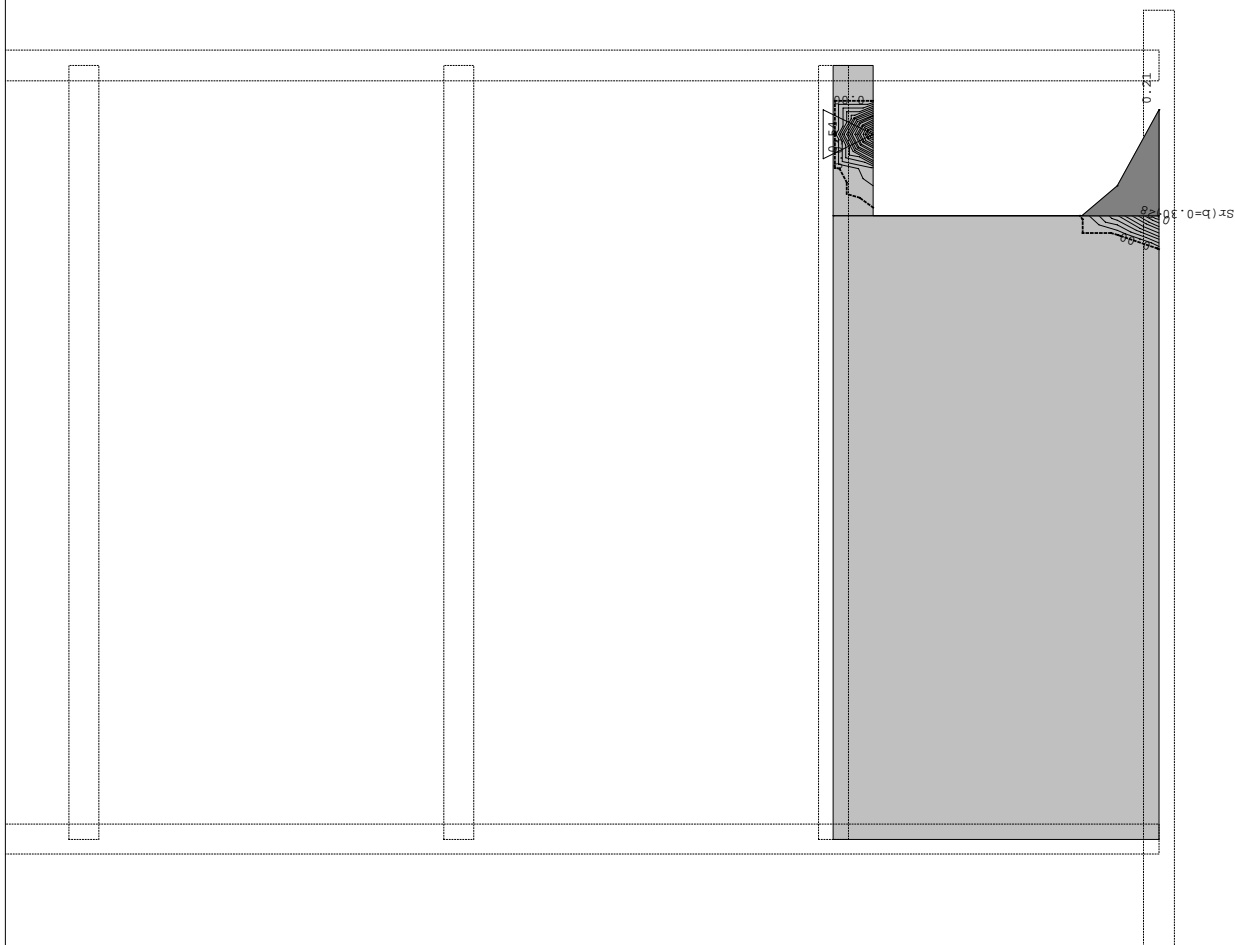
Okvir: H_2
Aa - sp.cona - Smer 1 - max As1= 2.29 cm2/m

Merodajna obtežba : Kompletna shema
 EUROCODE, C 25, MAG 500/560, a=2.00 cm



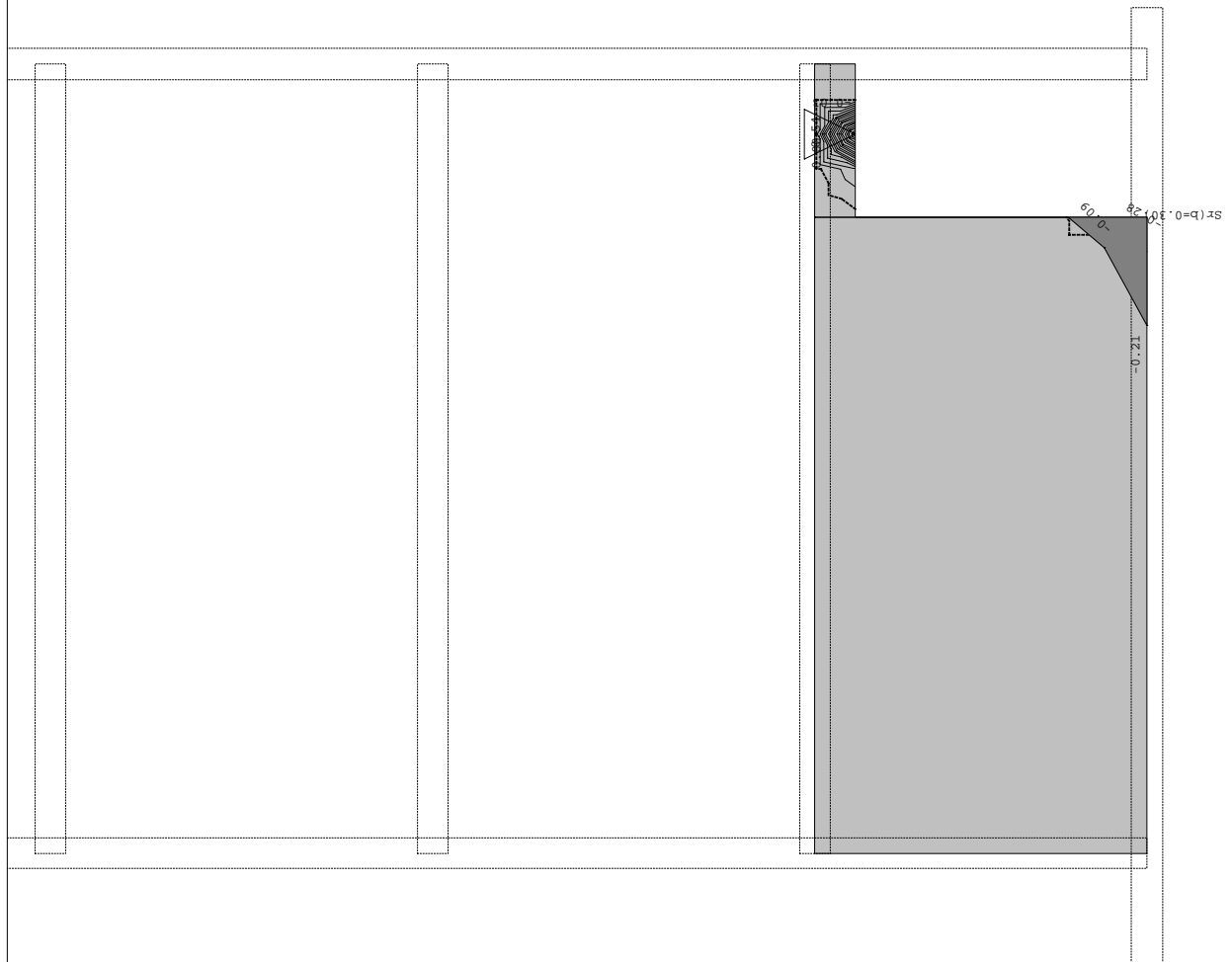
Okvir: H_2
 Aa - zg.cona - Smer 1 - max Az1= -2.27 cm2/m

Merodajna obtežba : Kompletna shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Okvir: H_2
Aa - sp.cona - Smer 2 - max As2= 0.54 cm2/m

Merodajna obtežba : Kompletna shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Okvir: H_2
Aa - zg.cona - Smer 2 - max Az2= -0.54 cm2/m

Okvir: V 1 - EUROCODE

C 25 (d,pl=30.0 cm)

Zgornja cona: MAG 500/560 (a=2.0 cm)

Spodnja cona: MAG 500/560 (a=2.0 cm)

X=0.00 m; Y=0.93 m; Z=7.72 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+0.00xV+0.00xVIII+1.00xXI

Mu = -0.32 kNm

Nu = 576.92 kN

 $\epsilon_b/\epsilon_a = 1.541/10.000 \text{ ‰}$ Az1 = 6.66 cm²/mAs1 = 6.69 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+0.00xV+0.00xVIII+1.00xXI

Mu = -0.10 kNm

Nu = 108.40 kN

 $\epsilon_b/\epsilon_a = 1.528/10.000 \text{ ‰}$ Az2 = 1.26 cm²/mAs2 = 1.26 cm²/mX=-0.00 m; Y=0.69 m; Z=7.72 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+0.00xV+0.00xVIII+1.00xXI

Mu = -0.04 kNm

Nu = 376.89 kN

 $\epsilon_b/\epsilon_a = 1.557/10.000 \text{ ‰}$ Az1 = 4.34 cm²/mAs1 = 4.36 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+0.00xV+0.00xVIII+1.00xXI

Mu = -0.67 kNm

Nu = 206.46 kN

 $\epsilon_b/\epsilon_a = 1.448/10.000 \text{ ‰}$ Az2 = 2.43 cm²/mAs2 = 2.45 cm²/m**Okvir: H 3 - EUROCODE**

C 25 (d,pl=30.0 cm)

Zgornja cona: MAG 500/560 (a=2.0 cm)

Spodnja cona: MAG 500/560 (a=2.0 cm)

X=4.32 m; Y=12.79 m; Z=5.88 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+0.00xV+0.00xVIII+1.00xX

Mu = -0.26 kNm

Nu = 597.26 kN

 $\epsilon_b/\epsilon_a = 1.546/10.000 \text{ ‰}$ Az1 = 6.89 cm²/mAs1 = 6.92 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.00xI+0.60xIV+0.00xV+1.00xX

Mu = -0.04 kNm

Nu = 122.72 kN

 $\epsilon_b/\epsilon_a = 1.548/10.000 \text{ ‰}$ Az2 = 1.42 cm²/mAs2 = 1.42 cm²/mX=4.18 m; Y=12.79 m; Z=10.07 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+0.00xV+0.00xVIII+1.00xXI

Mu = 0.01 kNm

Nu = 5.01 kN

 $\epsilon_b/\epsilon_a = 1.501/10.000 \text{ ‰}$ Az1 = 0.06 cm²/mAs1 = 0.06 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.00xI+0.60xIV+0.00xV+1.00xX

Mu = 0.10 kNm

Nu = 252.73 kN

 $\epsilon_b/\epsilon_a = 1.568/10.000 \text{ ‰}$ Az2 = 2.90 cm²/mAs2 = 2.92 cm²/m**Okvir: V 2 - EUROCODE**

C 25 (d,pl=30.0 cm)

Zgornja cona: MAG 500/560 (a=2.0 cm)

Spodnja cona: MAG 500/560 (a=2.0 cm)

X=6.50 m; Y=7.08 m; Z=3.48 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+0.00xV+0.00xVIII+1.00xXI

Mu = -0.25 kNm

Nu = 174.39 kN

 $\epsilon_b/\epsilon_a = 1.511/10.000 \text{ ‰}$ Az1 = 2.03 cm²/mAs1 = 2.04 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xV+0.90xVIII

Mu = -0.33 kNm

Nu = 6.99 kN

 $\epsilon_b/\epsilon_a = 0.308/10.000 \text{ ‰}$ Az2 = 0.11 cm²/mAs2 = 0.11 cm²/mX=6.50 m; Y=0.00 m; Z=0.75 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xIII+1.00xXI

Mu = -0.00 kNm

Nu = 73.56 kN

 $\epsilon_b/\epsilon_a = 1.559/10.000 \text{ ‰}$ Az1 = 0.85 cm²/mAs1 = 0.85 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.00xI+0.60xIII+1.00xXI

Mu = 3.33 kNm

Nu = 224.01 kN

 $\epsilon_b/\epsilon_a = 1.100/10.000 \text{ ‰}$ Az2 = 2.86 cm²/mAs2 = 2.87 cm²/m**Okvir: H 1 - EUROCODE**

C 25 (d,pl=30.0 cm)

Zgornja cona: MAG 500/560 (a=2.0 cm)

Spodnja cona: MAG 500/560 (a=2.0 cm)

X=6.50 m; Y=0.00 m; Z=0.75 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xIII+1.00xXI

Mu = -0.09 kNm

Nu = 44.80 kN

 $\epsilon_b/\epsilon_a = 1.486/10.000 \text{ ‰}$ Az1 = 0.52 cm²/mAs1 = 0.53 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.00xI+0.60xIII+1.00xXI

Mu = 3.54 kNm

Nu = 195.85 kN

 $\epsilon_b/\epsilon_a = 1.009/10.000 \text{ ‰}$ Az2 = 2.55 cm²/mAs2 = 2.57 cm²/m**Okvir: H 2 - EUROCODE**

C 25 (d,pl=25.0 cm)

Zgornja cona: MAG 500/560 (a=2.0 cm)

Spodnja cona: MAG 500/560 (a=2.0 cm)

X=6.50 m; Y=6.47 m; Z=3.15 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xIV+0.00xV+1.00xX

Mu = -1.39 kNm

Nu = 182.09 kN

 $\epsilon_b/\epsilon_a = 1.096/10.000 \text{ ‰}$ Az1 = 2.25 cm²/mAs1 = 2.26 cm²/mX=5.86 m; Y=6.47 m; Z=3.15 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xIX

Mu = -0.60 kNm

Nu = 170.41 kN

 $\epsilon_b/\epsilon_a = 1.263/10.000 \text{ ‰}$ Az1 = 2.03 cm²/mAs1 = 2.04 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

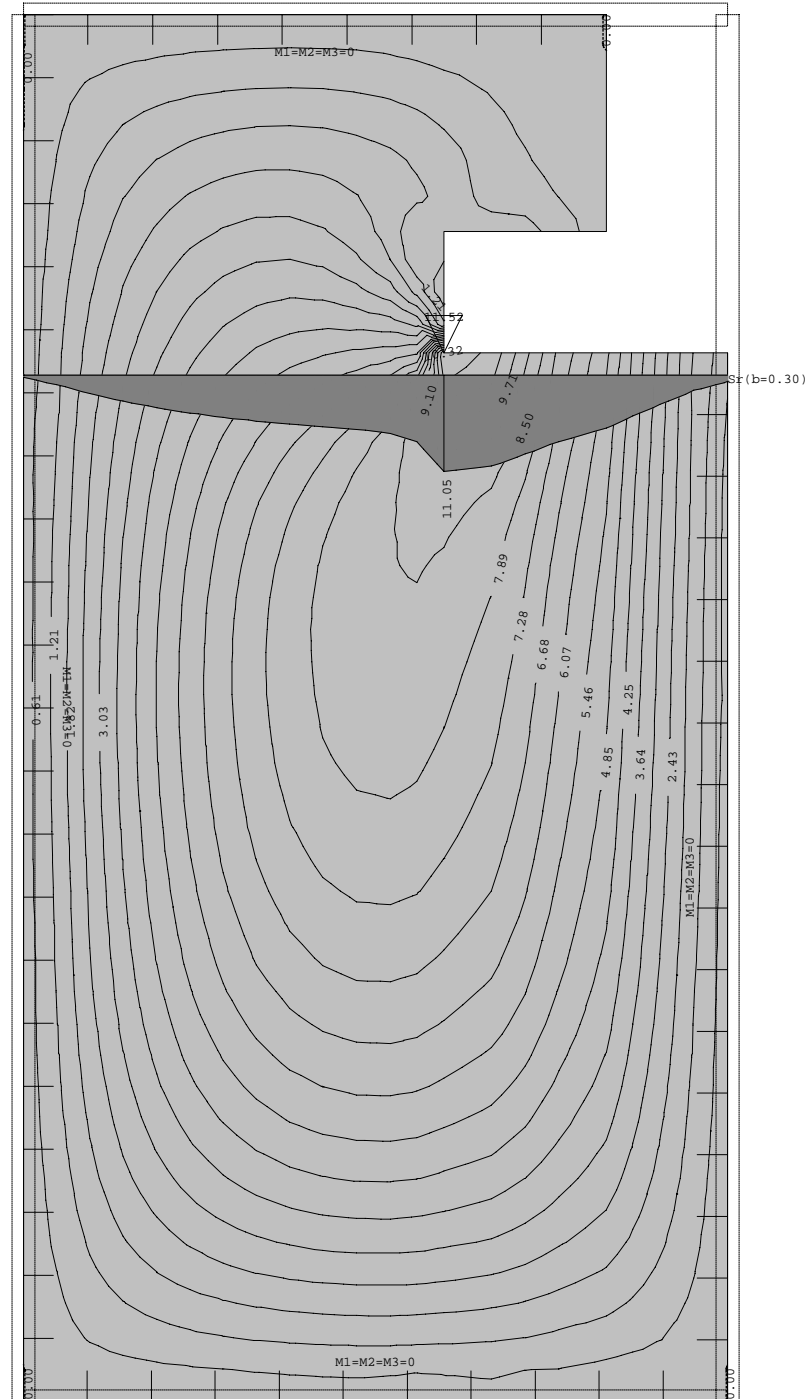
1.35xI+1.50xII+0.75xV+0.90xIX

Mu = -0.76 kNm

Nu = 35.18 kN

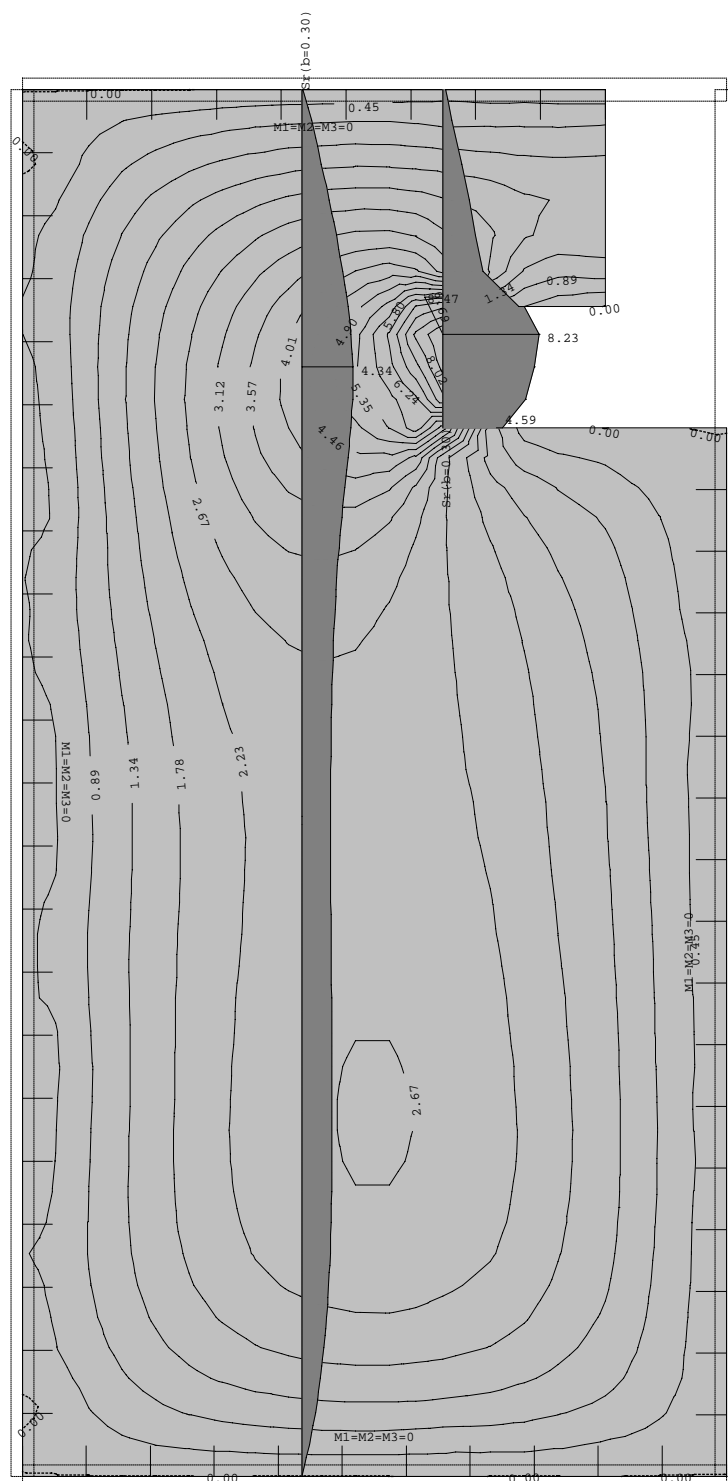
 $\epsilon_b/\epsilon_a = 0.605/10.000 \text{ ‰}$ Az2 = 0.49 cm²/mAs2 = 0.49 cm²/m

Merodajna obtežba : Kompletna shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



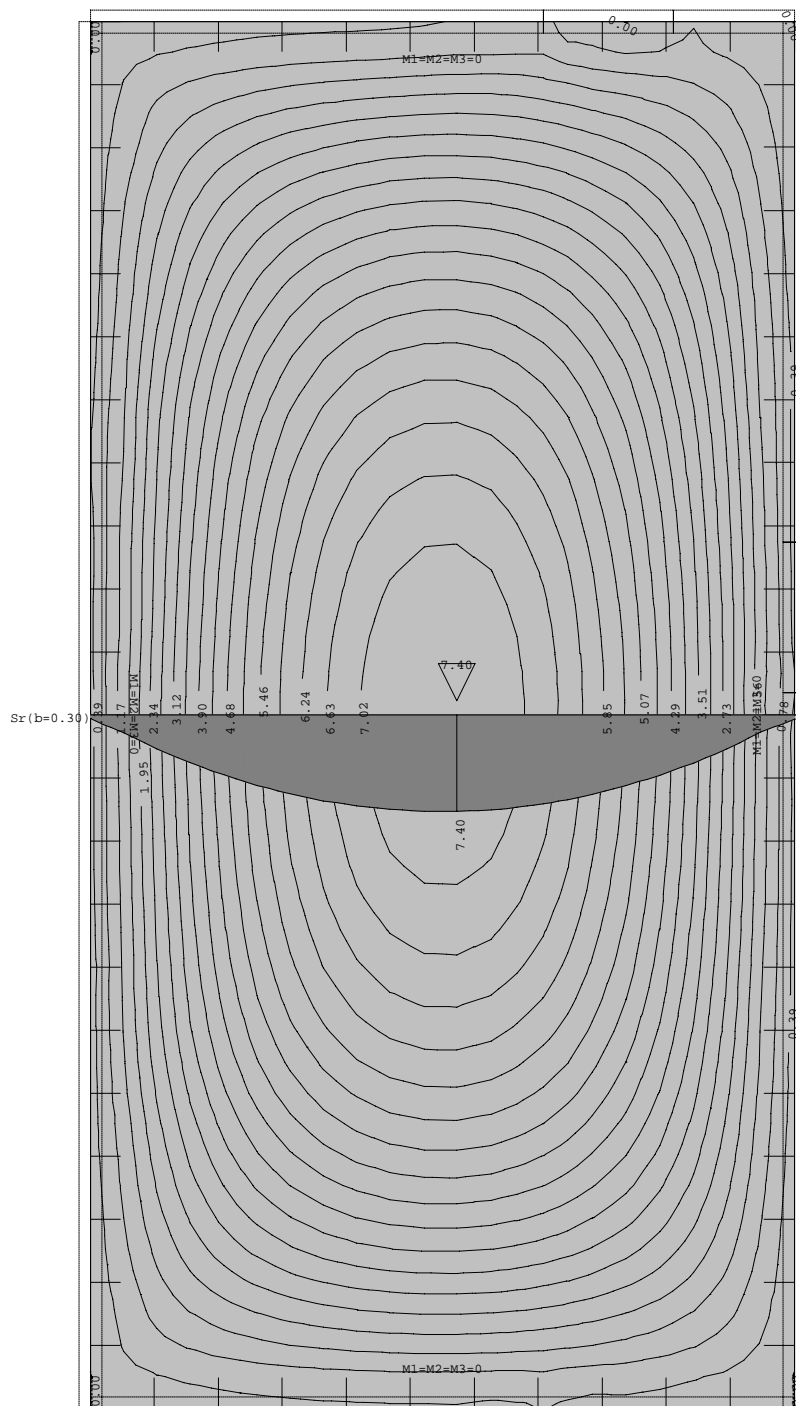
Nivo: IV etaža [12.56]
Aa - sp.cona - Smer 1 - max As1= 11.52 cm²/m

Merodajna obtežba : Kompletna shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



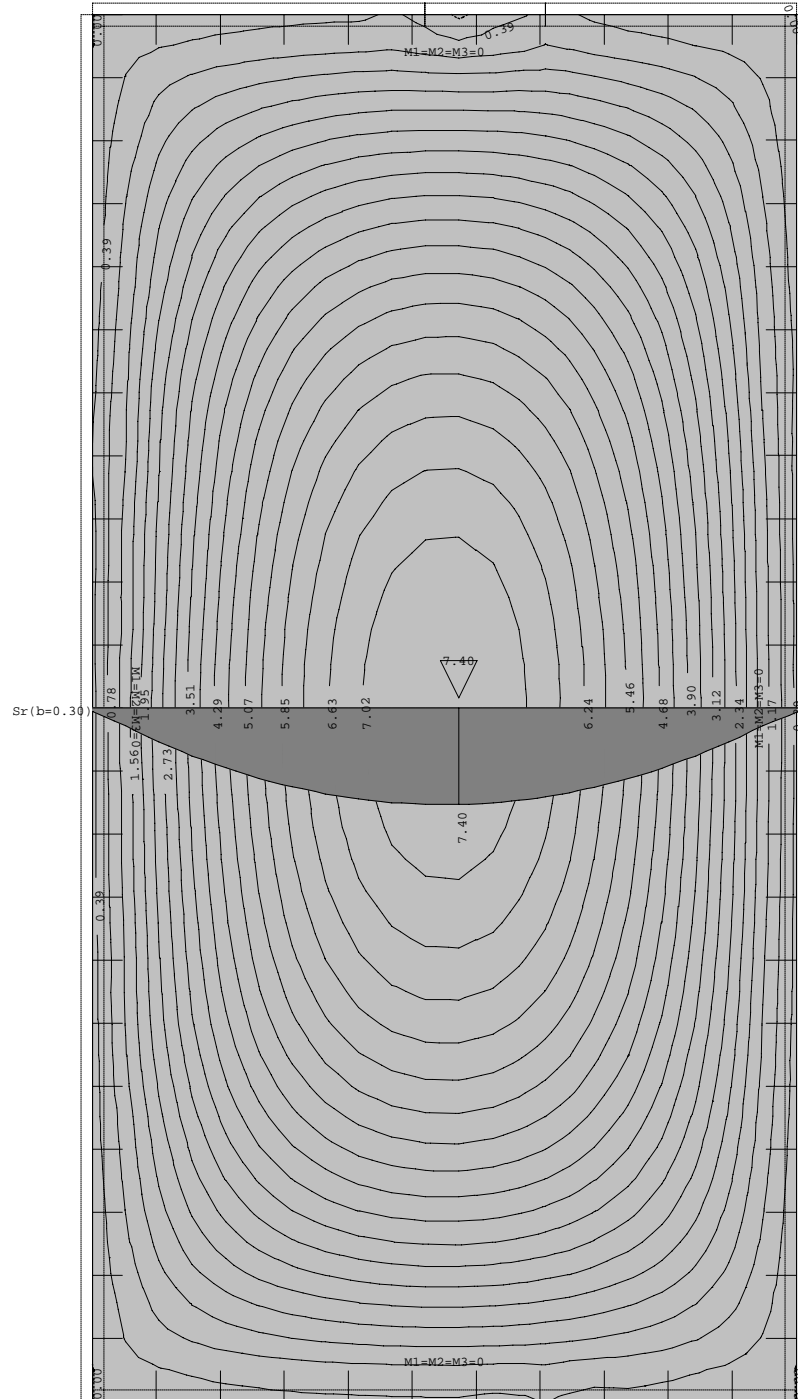
Nivo: IV etaža [12.56]
Aa - sp.cona - Smer 2 - max As2= 8.47 cm2/m

Merodajna obtežba : Kompletna shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



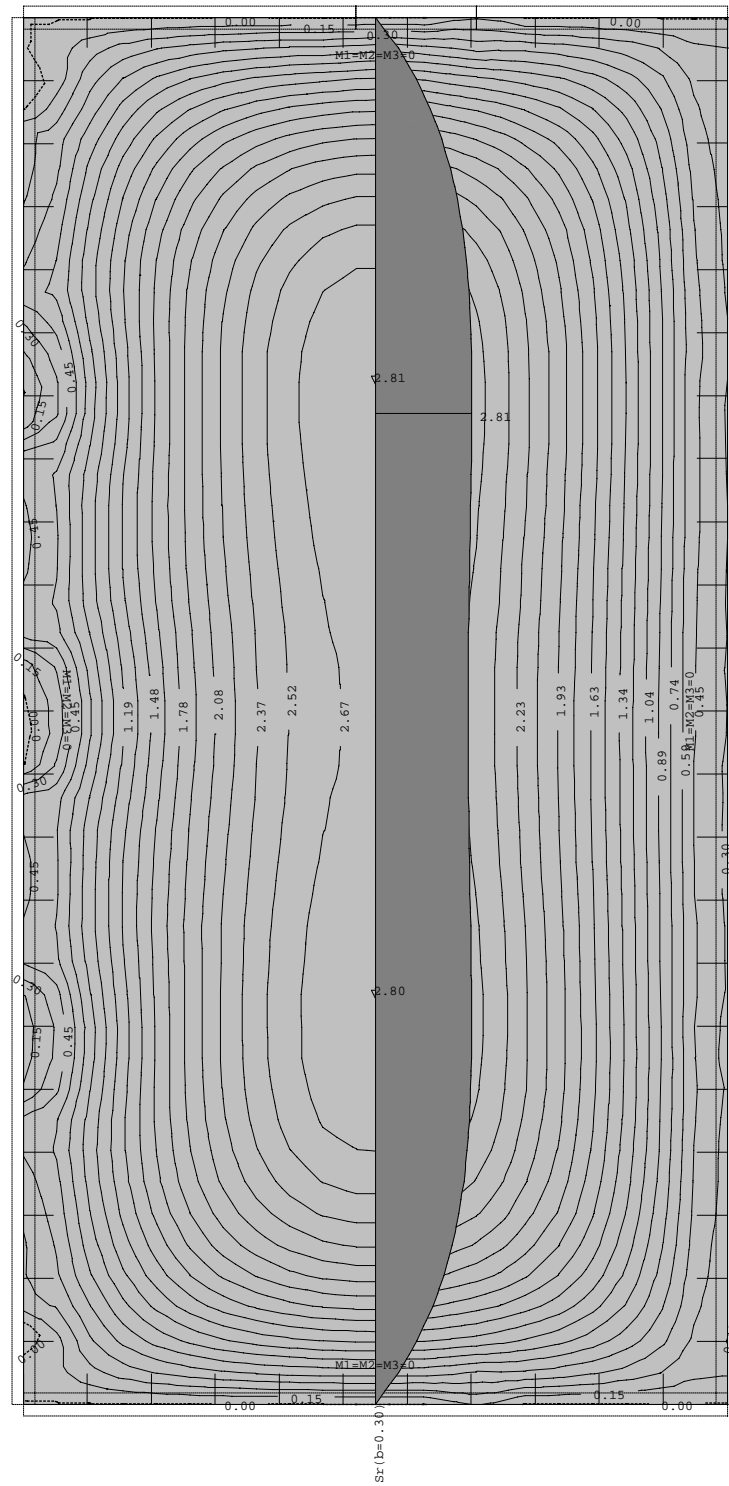
Nivo: III etaža [9.76]
Aa - sp.cona - Smer 1 - max $As1 = 7.40 \text{ cm}^2/\text{m}$

Merodajna obtežba : Kompletna shema
 EUROCODE, C 25, MAG 500/560, a=2.00 cm



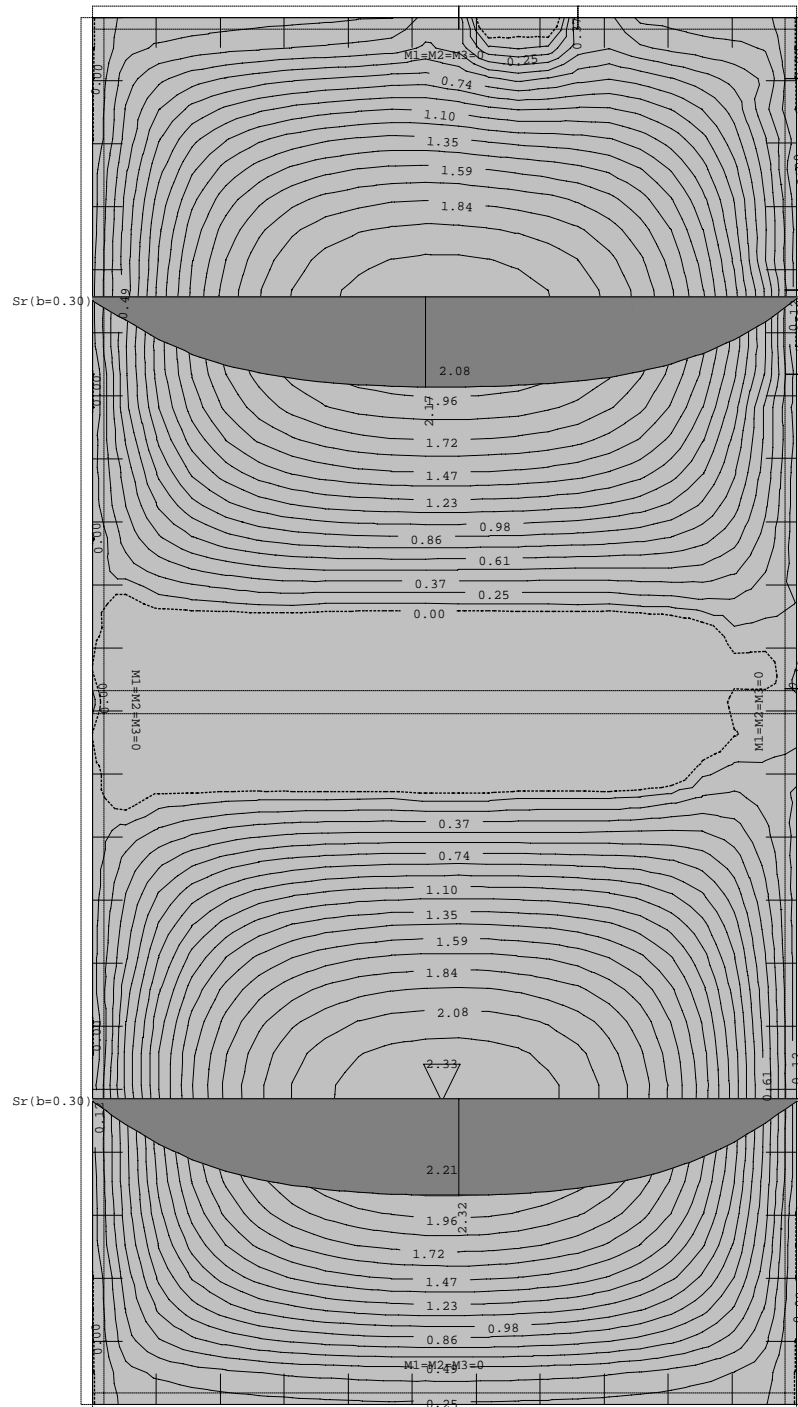
Nivo: II etaža [6.62]
 Aa - sp.cona - Smer 1 - max $As_1 = 7.40$ cm²/m

Merodajna obtežba : Kompletna shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



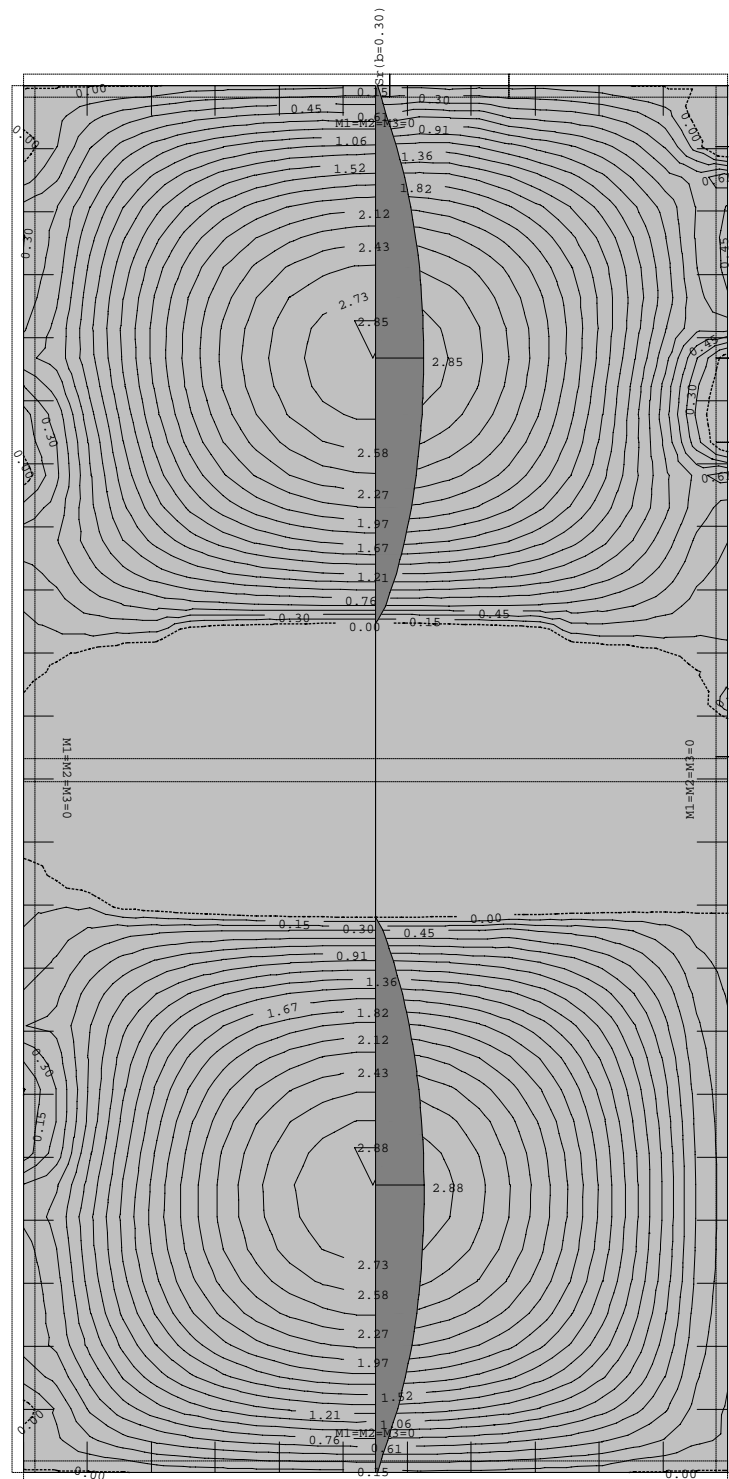
Nivo: II etaža [6.62]
Aa - sp.cona - Smer 2 - max As2= 2.81 cm²/m

Merodajna obtežba : Kompletna shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



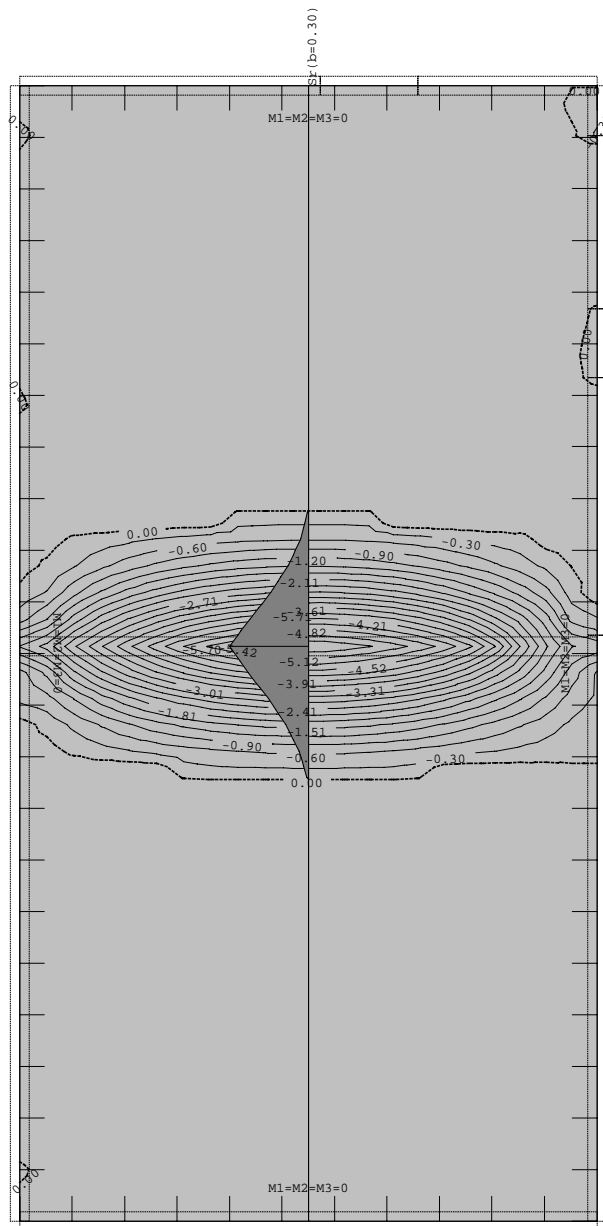
Nivo: I etaža [3.48]
Aa - sp.cona - Smer 1 - max As1= 2.33 cm²/m

Merodajna obtežba : Kompletna shema
 EUROCODE, C 25, MAG 500/560, a=2.00 cm



Nivo: I etaža [3.48]
 Aa - sp.cona - Smer 2 - max As2= 2.88 cm2/m

Merodajna obtežba : Kompletna shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Nivo: I etaža [3.48]
Aa - zg.cona - Smer 2 - max Az2= -5.71 cm2/m

Nivo: IV etaža [12.56] - EUROCODE

C 25 (d,pl=25.0 cm)
Zgornja cona: MAG 500/560 (a=2.0 cm)
Spodnja cona: MAG 500/560 (a=2.0 cm)

X=3.88 m; Y=9.67 m; Z=12.56 m

Smer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.75xV

Mu = 105.88 kNm

Nu = 0.00 kN

$\epsilon_b/\epsilon_a = -2.597/10.000 \text{ ‰}$

Az1 = 0.06 cm2/m

As1 = 11.52 cm2/m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.75xV

Mu = 44.88 kNm

Nu = 0.00 kN

$\epsilon_b/\epsilon_a = -1.354/10.000 \text{ ‰}$

Az2 = 0.00 cm2/m

As2 = 4.69 cm2/m

X=-0.00 m; Y=12.10 m; Z=12.56 m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.05xII+1.50xV

Mu = -1.11 kNm

Nu = 0.00 kN

$\epsilon_b/\epsilon_a = -0.177/10.000 \text{ ‰}$

Az2 = 0.11 cm2/m

As2 = 0.00 cm2/m

X=3.88 m; Y=10.53 m; Z=12.56 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.75xV

Mu = 12.28 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -0.631/10.000\text{‰}$

Az1 = 0.00 cm2/m

As1 = 1.25 cm2/m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.75xV

Mu = 79.31 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -2.022/10.000\text{‰}$

Az2 = 0.00 cm2/m

As2 = 8.47 cm2/m

Nivo: III etaža [9.76] - EUROCODE

C 25 (d,pl=25.0 cm)

Zgornja cona: MAG 500/560 (a=2.0 cm)

Spodnja cona: MAG 500/560 (a=2.0 cm)

X=-0.00 m; Y=12.10 m; Z=9.76 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII

Mu = 0.90 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -0.160/10.000\text{‰}$

Az1 = 0.00 cm2/m

As1 = 0.09 cm2/m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.75xV

Mu = -2.05 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -0.243/10.000\text{‰}$

Az2 = 0.21 cm2/m

As2 = 0.00 cm2/m

X=3.38 m; Y=6.18 m; Z=9.76 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.75xV

Mu = 69.79 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -1.833/10.000\text{‰}$

Az1 = 0.00 cm2/m

As1 = 7.40 cm2/m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.75xV

Mu = 26.24 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -0.972/10.000\text{‰}$

Az2 = 0.00 cm2/m

As2 = 2.70 cm2/m

X=3.38 m; Y=3.48 m; Z=9.76 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.75xV

Mu = 57.29 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -1.593/10.000\text{‰}$

Az1 = 0.00 cm2/m

As1 = 6.03 cm2/m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.75xV

Mu = 27.20 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -0.994/10.000\text{‰}$

Az2 = 0.00 cm2/m

As2 = 2.81 cm2/m

Nivo: II etaža [6.62] - EUROCODE

C 25 (d,pl=25.0 cm)

Zgornja cona: MAG 500/560 (a=2.0 cm)

Spodnja cona: MAG 500/560 (a=2.0 cm)

X=3.39 m; Y=12.79 m; Z=6.62 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+1.50xII

Mu = 0.34 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -0.126/10.000\text{‰}$

Az1 = 0.07 cm2/m

As1 = 0.00 cm2/m

X=-0.00 m; Y=12.10 m; Z=6.62 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.75xV

Mu = 0.95 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -0.163/10.000\text{‰}$

Az1 = 0.00 cm2/m

As1 = 0.10 cm2/m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.75xV

Mu = -1.19 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -0.183/10.000\text{‰}$

Az2 = 0.12 cm2/m

As2 = 0.00 cm2/m

X=3.38 m; Y=6.18 m; Z=6.62 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.75xV

Mu = 69.79 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -1.833/10.000\text{‰}$

Az1 = 0.00 cm2/m

As1 = 7.40 cm2/m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.75xV

Mu = 26.19 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -0.972/10.000\text{‰}$

Az2 = 0.00 cm2/m

As2 = 2.70 cm2/m

X=3.07 m; Y=9.14 m; Z=6.62 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.75xV

Mu = 58.67 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -1.619/10.000\text{‰}$

Az1 = 0.00 cm2/m

As1 = 6.18 cm2/m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.75xV

Mu = 27.23 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -0.994/10.000\text{‰}$

Az2 = 0.00 cm2/m

As2 = 2.81 cm2/m

Nivo: I etaža [3.48] - EUROCODE

C 25 (d,pl=25.0 cm)

Zgornja cona: MAG 500/560 (a=2.0 cm)

Spodnja cona: MAG 500/560 (a=2.0 cm)

X=5.06 m; Y=6.48 m; Z=3.48 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.75xV

Mu = -10.30 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -0.572/10.000\text{‰}$

Az1 = 1.05 cm2/m

As1 = 0.00 cm2/m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.75xV

Mu = -41.25 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -1.282/10.000\text{‰}$

Az2 = 4.30 cm2/m

As2 = 0.00 cm2/m

X=3.07 m; Y=6.48 m; Z=3.48 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.75xV

Mu = -9.25 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -0.539/10.000\text{‰}$

Az1 = 0.94 cm2/m

As1 = 0.00 cm2/m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.75xV

Mu = -54.39 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -1.537/10.000\text{‰}$

Az2 = 5.71 cm2/m

As2 = 0.00 cm2/m

X=3.07 m; Y=2.65 m; Z=3.48 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xIV+0.75xV

Mu = 22.58 kNm

Nu = 0.00 kN

 $\epsilon b/\epsilon a = -0.891/10.000\text{‰}$

Az1 = 0.00 cm2/m

As1 = 2.33 cm2/m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xIV+0.75xV

Mu = 27.83 kNm

Nu = 0.00 kN

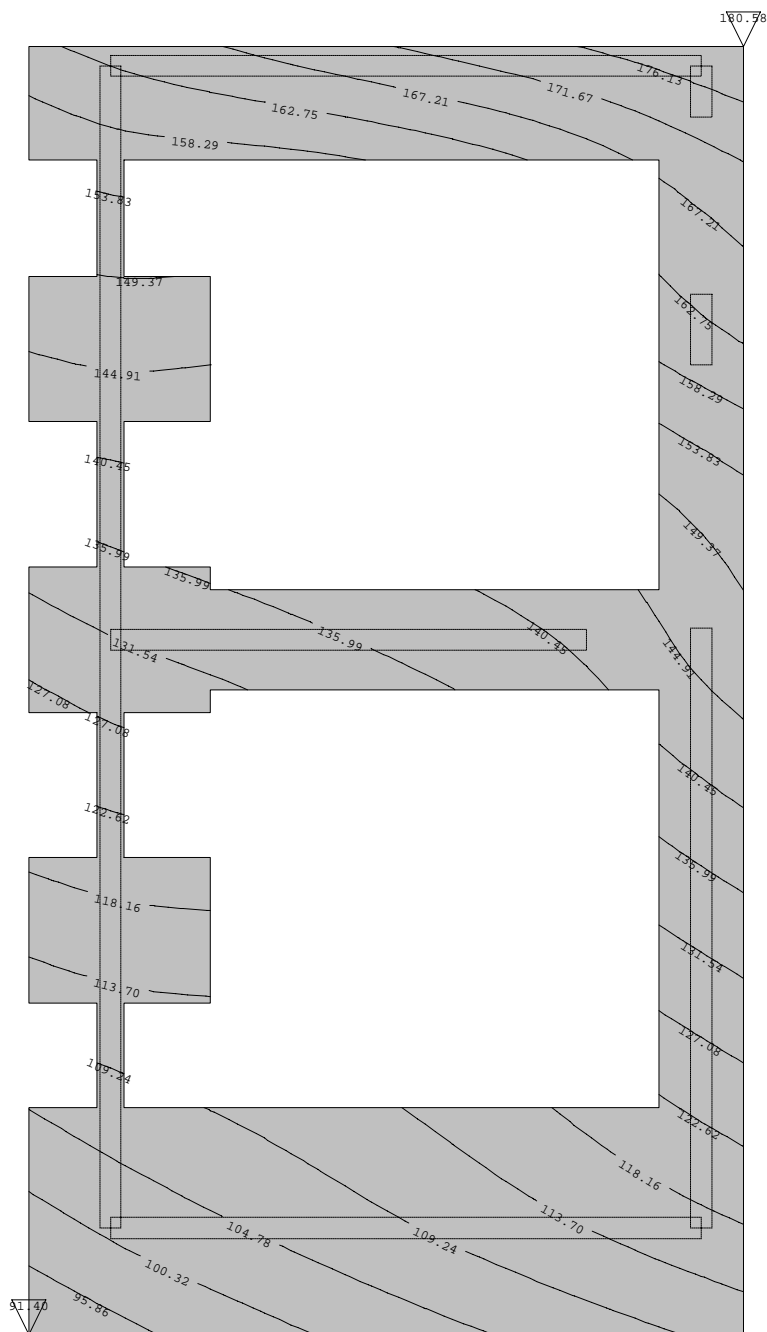
 $\epsilon b/\epsilon a = -1.008/10.000\text{‰}$

Az2 = 0.00 cm2/m

As2 = 2.88 cm2/m

Kontrola napetosti temeljev

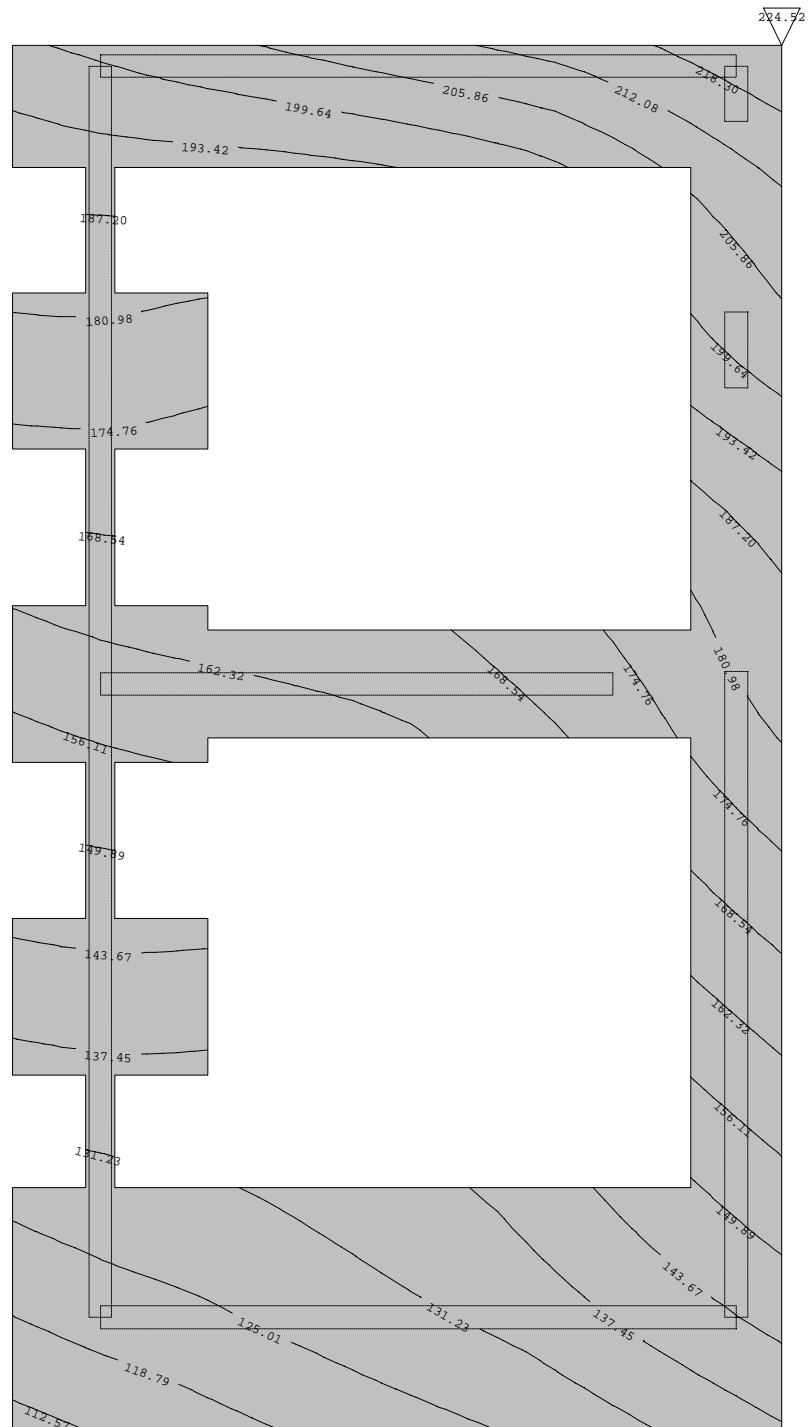
Obt. 1: lastna+stalna 1.70kN/m² (g)



Nivo: Pritličje [0.75] $\sigma_{\text{dop, tal}} = 250 \text{ kN/m}^2$

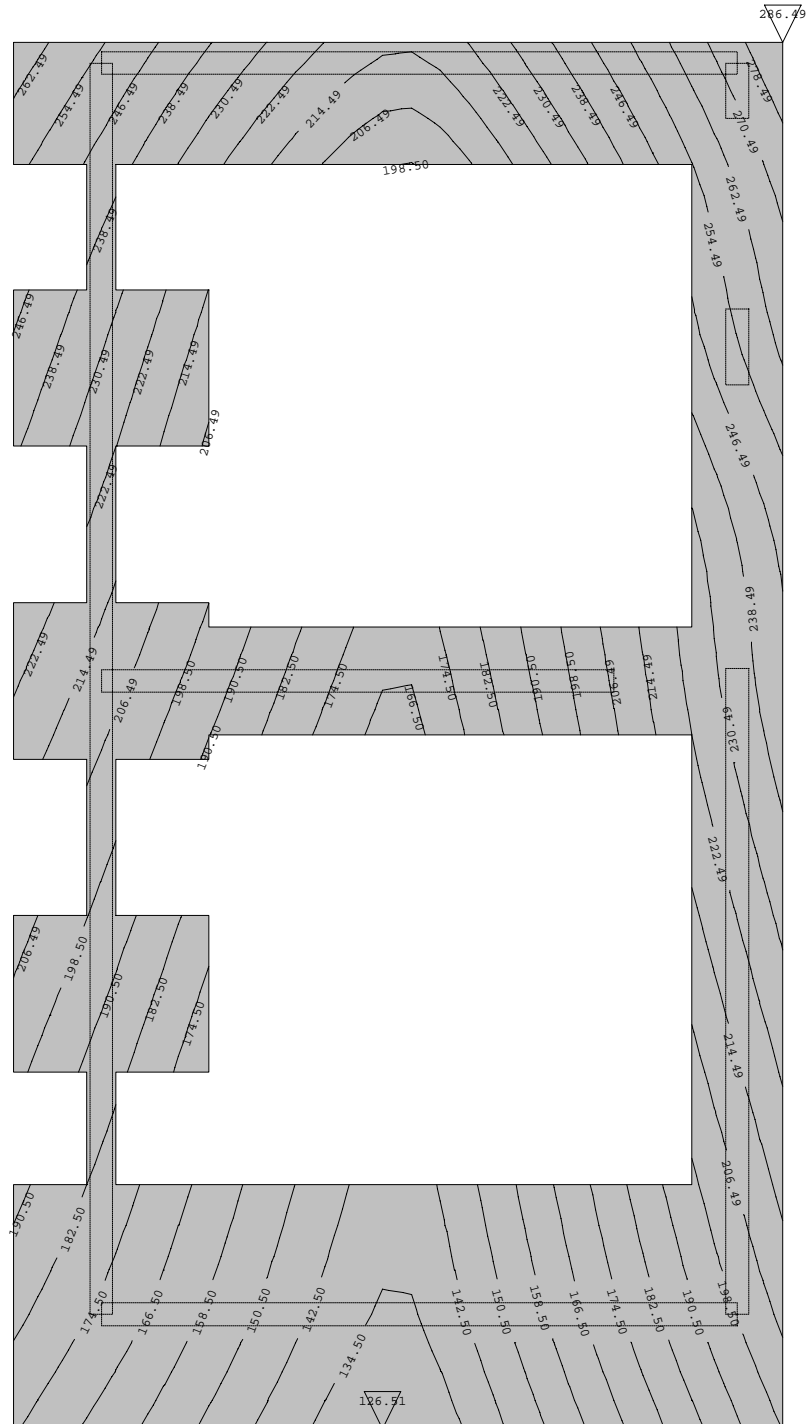
Vplivi v pov. podpori: max $\sigma_{\text{tal}} = 180.58$ / min $\sigma_{\text{tal}} = 91.40 \text{ kN/m}^2$

Ovo: 13-16



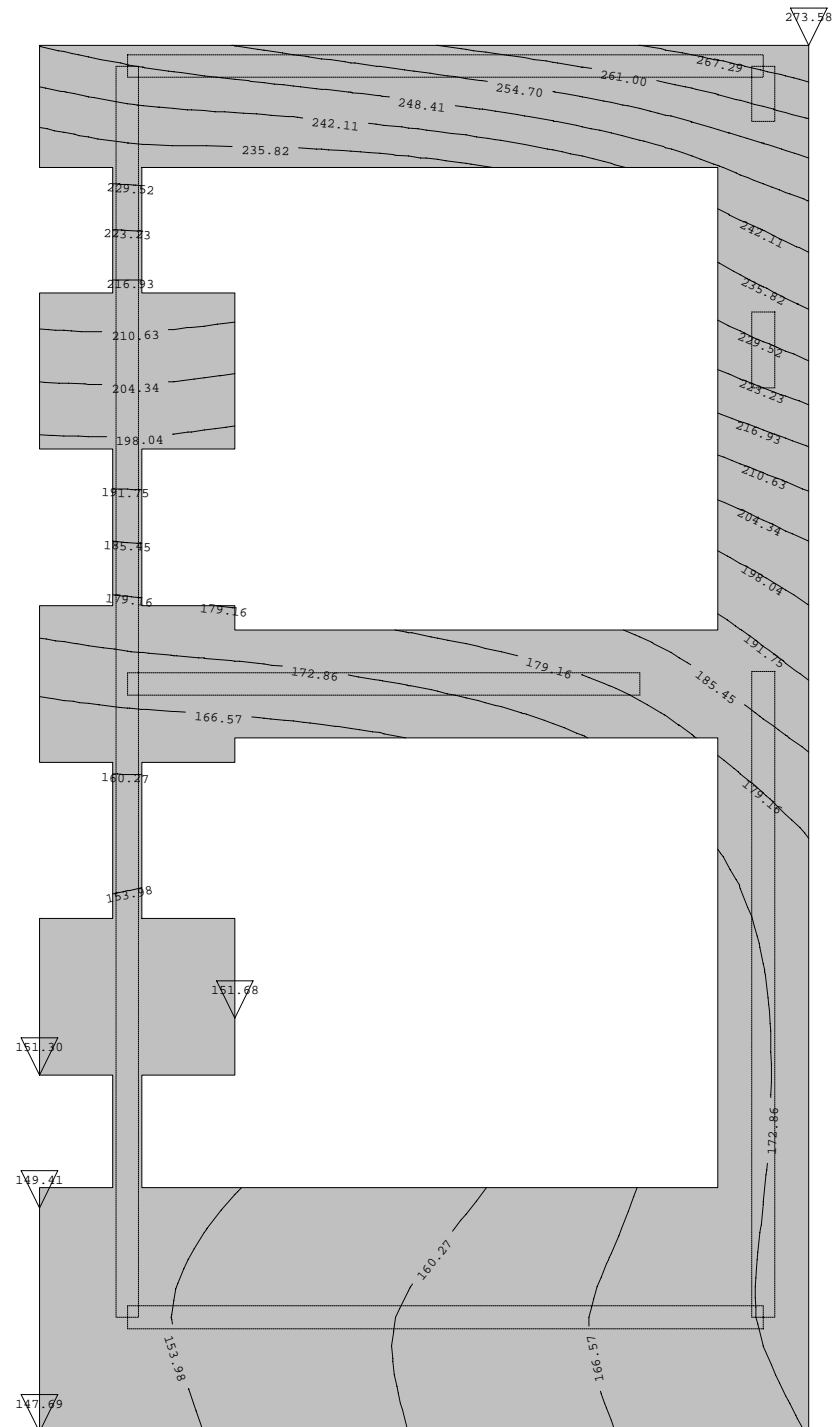
Nivo: Pritličje [0.75] $\sigma_{dop,tal} = 250 \text{ kN/m}^2$
 Vplivi v pov.podpori: $\max \sigma_{tal} = 224.52 / \min \sigma_{tal} = 0.00 \text{ kN/m}^2$

Obt. 17: I+II+V+X



Nivo: Pritličje [0.75] $\sigma_{\text{dop, tal}} = 300 \text{ kN/m}^2$
 Vplivi v pov.podpori: $\max \sigma_{\text{tal}} = 286.49$ / $\min \sigma_{\text{tal}} = 126.51 \text{ kN/m}^2$

Obt. 18: I+II+V+XI



Nivo: Pritličje [0.75] $\sigma_{\text{dop,tal}} = 300 \text{ kN/m}^2$
Vplivi v pov. podpori: $\max \sigma_{\text{tal}} = 273.58 / \min \sigma_{\text{tal}} = 147.69 \text{ kN/m}^2$

Nivo: Pritličje [0.75] - EUROCODE

C 25 (d,pl=50.0 cm)
 Zgornja cona: RA 400/500 (a=5.0 cm)
 Spodnja cona: RA 400/500 (a=5.0 cm)

X=2.28 m; Y=6.48 m; Z=0.75 m

Smer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.05xV+1.50xVII

Mu = -1.12 kNm

Nu = 0.00 kN

eb/ea = -0.090/10.000 ‰

Az1 = 0.07 cm2/m

As1 = 0.00 cm2/m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+1.05xV+0.90xVIII

Mu = 20.74 kNm

Nu = 0.00 kN

eb/ea = -0.405/10.000 ‰

Az2 = 0.00 cm2/m

As2 = 1.35 cm2/m

X=3.17 m; Y=6.48 m; Z=0.75 m

Smer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+1.50xII+0.90xVII

Mu = 0.84 kNm

Nu = 0.00 kN

eb/ea = -0.082/10.000 ‰

Az1 = 0.00 cm2/m

As1 = 0.05 cm2/m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+1.05xV+0.90xVIII

Mu = 22.27 kNm

Nu = 0.00 kN

eb/ea = -0.420/10.000 ‰

Az2 = 0.00 cm2/m

As2 = 1.44 cm2/m

X=4.06 m; Y=6.48 m; Z=0.75 m

Smer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.05xV+1.50xVII

Mu = -5.82 kNm

Nu = 0.00 kN

eb/ea = -0.208/10.000 ‰

Az1 = 0.37 cm2/m

As1 = 0.00 cm2/m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+1.05xV+0.90xVIII

Mu = 26.17 kNm

Nu = 0.00 kN

eb/ea = -0.458/10.000 ‰

Az2 = 0.00 cm2/m

As2 = 1.69 cm2/m

X=5.24 m; Y=6.48 m; Z=0.75 m

Smer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.05xII+1.50xV+0.90xVIII

Mu = -74.08 kNm

Nu = 0.00 kN

eb/ea = -0.815/10.000 ‰

Az1 = 4.86 cm2/m

As1 = 0.00 cm2/m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVI

Mu = 9.94 kNm

Nu = 0.00 kN

eb/ea = -0.275/10.000 ‰

Az2 = 0.00 cm2/m

As2 = 0.64 cm2/m

X=6.03 m; Y=6.48 m; Z=0.75 m

Smer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+1.05xV+0.90xVI

Mu = -19.86 kNm

Nu = 0.00 kN

eb/ea = -0.395/10.000 ‰

Az1 = 1.28 cm2/m

As1 = 0.00 cm2/m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+1.05xV+0.90xVI

Mu = 50.40 kNm

Nu = 0.00 kN

eb/ea = -0.657/10.000 ‰

Az2 = 0.00 cm2/m

As2 = 3.30 cm2/m

X=1.10 m; Y=6.74 m; Z=0.75 m

Smer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+1.05xV+0.90xVIII

Mu = 1.93 kNm

Nu = 0.00 kN

eb/ea = -0.118/10.000 ‰

Az1 = 0.00 cm2/m

As1 = 0.12 cm2/m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+1.05xV+0.90xVIII

Mu = 11.04 kNm

Nu = 0.00 kN

eb/ea = -0.290/10.000 ‰

Az2 = 0.00 cm2/m

As2 = 0.71 cm2/m

X=1.10 m; Y=6.18 m; Z=0.75 m

Smer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+1.05xV+0.90xVIII

Mu = 1.07 kNm

Nu = 0.00 kN

eb/ea = -0.087/10.000 ‰

Az1 = 0.00 cm2/m

As1 = 0.07 cm2/m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+1.05xV+0.90xVII

Mu = 10.73 kNm

Nu = 0.00 kN

eb/ea = -0.286/10.000 ‰

Az2 = 0.00 cm2/m

As2 = 0.69 cm2/m

X=6.03 m; Y=6.18 m; Z=0.75 m

Smer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+1.50xII+0.90xVI

Mu = -4.28 kNm

Nu = 0.00 kN

eb/ea = -0.189/10.000 ‰

Az1 = 0.27 cm2/m

As1 = 0.07 cm2/m

Smer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+1.05xV+0.90xVI

Mu = 48.08 kNm

Nu = 0.00 kN

eb/ea = -0.639/10.000 ‰

Az2 = 0.00 cm2/m

As2 = 3.14 cm2/m