

Vhodni podatki - Obtežba, Modalna analiza, Seizmični preračun

Lista obtežnih primerov

No	Naziv
1	lastna+stalna 1.7;2.9kN/m2 (g)
2	1.koristna 4 ; 6kN/m2
3	2.koristna 4 ; 6kN/m2
4	3.koristna 4 ; 6kN/m2
5	4.koristna 4 ; 6kN/m2
6	veter +x
7	veter -x
8	veter +y
9	veter -y

No	Naziv
10	sneg 1.36kN/m2
11	px
12	py
13	Kombinacija: I+X
14	Kombinacija: I+II+X
15	Kombinacija: I+III+X
16	Kombinacija: I+IV+X
17	Kombinacija: I+V+X

Faktorji obtežb za preračun mas

No	Naziv	Koeficient
1	lastna+stalna 1.7;2.9kN/m2 (g)	1.00
2	1.koristna 4 ; 6kN/m2	0.60
3	2.koristna 4 ; 6kN/m2	0.00
4	3.koristna 4 ; 6kN/m2	0.00
5	4.koristna 4 ; 6kN/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
10	sneg 1.36kN/m2	0.00

Razporeditev mas po višini objekta

Nivo	Z [m]	Masa [T]
streha	12.96	6.40
	11.96	21.30
	10.61	21.66
streha in III etaža	10.16	220.32
	9.76	58.10
	9.16	48.08
	8.31	38.45
	7.81	56.46

Nivo	Z [m]	Masa [T]
II etaža	6.62	432.87
	5.22	48.42
	4.76	70.31
I etaža	3.48	420.08
	2.09	122.75
Temelji	0.00	650.40
	Σ=	2215.60

Nihajne dobe konstrukcije

No	T [s]	f [Hz]
1	0.1417	7.0588
2	0.1348	7.4200
3	0.1198	8.3451

No	T [s]	f [Hz]
4	0.1087	9.1988
5	0.0888	11.2641

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]
streha	12.96	-0.00	0.00	-0.00	0.00	0.00	0.00	0.00	-0.00	0.00
	11.96	-0.00	0.00	-0.00	0.01	0.00	0.00	0.00	-0.00	0.00
	10.61	-0.00	0.00	-0.00	0.01	0.00	0.00	0.00	-0.00	0.00
streha in III etaža	10.16	0.00	0.00	-0.38	0.06	0.02	-0.23	0.00	-0.00	0.03
	9.76	0.00	0.00	-0.00	0.02	0.01	0.01	0.00	-0.00	0.00
	9.16	0.00	0.00	-0.00	0.01	0.00	0.00	0.00	-0.00	0.00
	8.31	0.00	0.00	-0.00	0.01	0.00	0.00	0.00	-0.00	0.00
	7.81	0.00	0.00	-0.00	0.01	0.01	0.01	0.00	-0.00	0.00
II etaža	6.62	0.00	0.00	-0.02	0.12	0.05	4.89	0.00	-0.00	0.00
	5.22	0.00	0.00	-0.00	-0.00	0.00	0.01	0.00	-0.00	0.00
	4.76	-0.00	0.00	-0.00	-0.01	0.00	0.02	-0.00	-0.00	0.00
I etaža	3.48	-0.00	-0.00	-0.00	0.00	0.01	0.12	-0.00	-0.00	0.00
	2.09	-0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	0.00
Temelji	0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	0.00
	Σ=	0.00	0.00	-0.41	0.23	0.12	4.84	0.00	-0.01	0.03

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]
streha	12.96	0.00	0.00	-0.00	0.00	0.03	-0.00	0.00	0.03	-0.00
	11.96	0.00	0.00	-0.00	0.01	0.08	0.00	0.02	0.09	0.01
	10.61	0.00	0.00	-0.00	0.01	0.07	0.00	0.02	0.07	0.01
streha in III etaža	10.16	0.00	0.00	-0.26	0.16	0.50	-4.39	0.23	0.52	-5.23
	9.76	-0.00	0.00	-0.00	0.06	0.13	-0.02	0.07	0.13	-0.01
	9.16	-0.00	0.00	-0.00	0.05	0.09	-0.01	0.06	0.09	-0.01
	8.31	-0.00	0.00	-0.00	0.04	0.06	-0.01	0.04	0.06	-0.01
	7.81	-0.00	0.00	-0.00	0.03	0.07	-0.02	0.05	0.08	-0.01
II etaža	6.62	0.00	0.00	-0.00	0.18	0.38	-0.07	0.30	0.43	4.79
	5.22	0.00	0.00	-0.00	0.02	0.04	-0.01	0.01	0.04	0.00
	4.76	0.00	0.00	-0.00	0.02	0.04	-0.02	0.01	0.05	-0.00
I etaža	3.48	0.00	0.00	-0.00	0.07	0.18	-0.11	0.07	0.19	0.00
	2.09	0.00	0.00	-0.00	0.01	0.02	-0.00	0.01	0.02	-0.00
Temelji	0.00	0.00	0.00	-0.00	0.00	0.00	-0.00	0.00	0.00	-0.00
	Σ=	0.00	0.01	-0.27	0.66	1.68	-4.66	0.90	1.80	-0.47

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]
streha	12.96	-0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00	-0.00
	11.96	-0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.01	-0.00
	10.61	-0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.01	-0.00
streha in III etaža	10.16	0.00	0.00	-0.70	0.04	0.01	-0.14	-0.01	0.04	-0.36
	9.76	0.00	0.00	-0.00	0.01	0.00	0.00	-0.00	0.01	-0.00

Seizmični preračun: EUROCODE

	9.16	0.00	0.00	-0.00	0.01	0.00	0.00	-0.00	0.01	-0.00
	8.31	0.00	0.00	-0.00	0.01	0.00	0.00	-0.00	0.00	-0.00
	7.81	0.00	0.00	-0.00	0.01	0.00	0.00	-0.00	0.00	-0.00
II etaža	6.62	0.00	0.00	-0.04	0.07	0.03	2.98	-0.01	0.02	-0.01
	5.22	0.00	0.00	-0.00	-0.00	0.00	0.01	-0.00	0.00	-0.00
	4.76	-0.00	0.00	-0.00	-0.00	0.00	0.01	0.00	0.00	-0.00
I etaža	3.48	-0.00	-0.00	-0.01	0.00	0.01	0.07	0.00	0.01	-0.02
	2.09	-0.00	0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	-0.00
Temelji	0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	-0.00
	Σ=	0.00	0.01	-0.76	0.14	0.07	2.95	-0.02	0.11	-0.41

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]
streha	12.96	0.00	0.00	-0.00	0.01	0.05	-0.01	0.01	0.06	-0.01
	11.96	0.00	0.00	-0.00	0.02	0.16	0.01	0.03	0.17	0.00
	10.61	0.00	0.00	-0.00	0.03	0.14	0.01	0.03	0.15	0.01
streha in III etaža	10.16	0.01	0.00	-1.11	0.31	0.97	-8.55	0.35	1.03	-10.87
	9.76	-0.00	0.00	-0.00	0.11	0.24	-0.04	0.11	0.26	-0.04
	9.16	-0.00	0.00	-0.00	0.10	0.17	-0.02	0.11	0.18	-0.02
	8.31	-0.01	0.00	-0.00	0.07	0.11	-0.02	0.07	0.12	-0.02
	7.81	-0.00	0.00	-0.00	0.07	0.14	-0.03	0.07	0.15	-0.03
II etaža	6.62	0.00	0.01	-0.01	0.35	0.73	-0.14	0.42	0.79	2.77
	5.22	0.00	0.00	-0.00	0.03	0.07	-0.02	0.03	0.08	-0.02
	4.76	0.00	0.00	-0.00	0.03	0.09	-0.03	0.03	0.09	-0.03
I etaža	3.48	0.00	0.01	-0.01	0.13	0.34	-0.21	0.14	0.36	-0.18
	2.09	0.00	0.00	-0.00	0.02	0.04	-0.01	0.02	0.05	-0.01
Temelji	0.00	0.00	0.00	-0.00	0.00	0.00	-0.00	0.00	0.00	-0.00
	Σ=	0.00	0.03	-1.16	1.29	3.27	-9.07	1.41	3.49	-8.45

Faktorji participacije

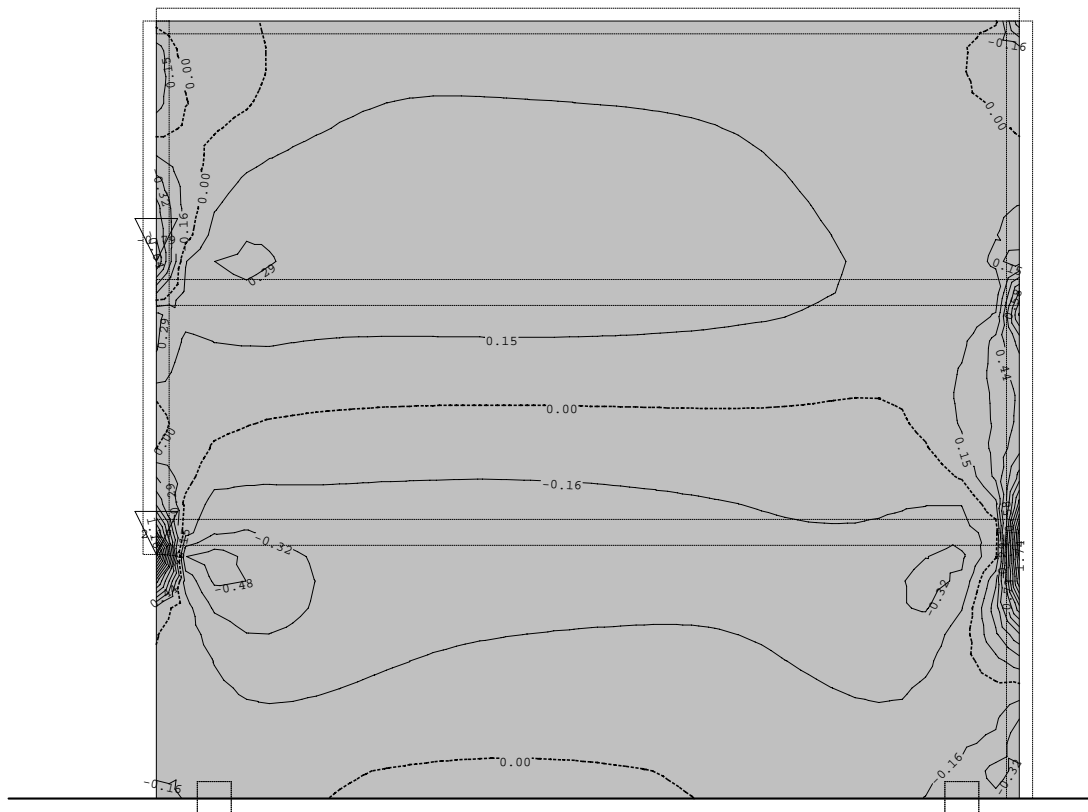
Naziv / Ton	1	2	3	4	5
px	0.001	0.214	0.000	0.001	0.783
py	0.001	0.025	0.029	0.008	0.937

Faktorji participacije

Ton	UX (%)	UY (%)	UZ (%)	ΣUX (%)	ΣUY (%)	ΣUZ (%)
1	0.00	0.00	3.45	0.00	0.00	3.45
2	0.01	0.00	2.90	0.01	0.00	6.35
3	0.00	0.00	0.05	0.01	0.01	6.39
4	0.00	0.00	1.18	0.01	0.01	7.58
5	0.01	0.07	0.57	0.02	0.08	8.15

Statični preračun

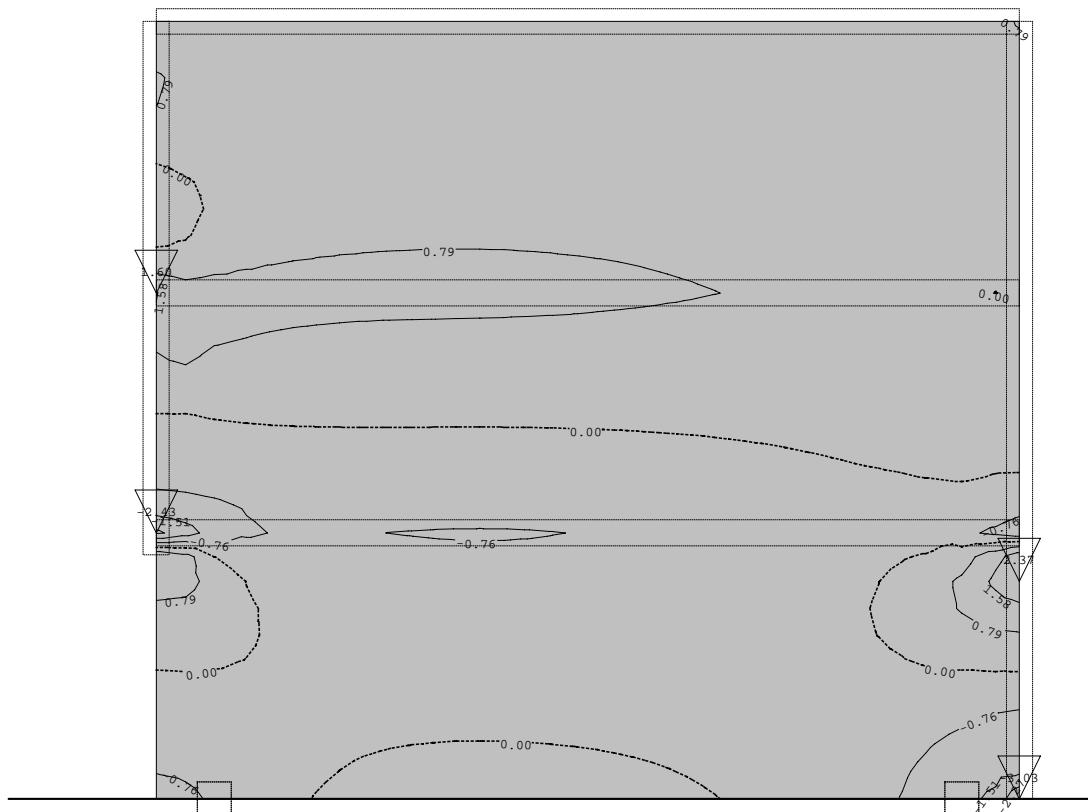
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: V_1

Vplivi v plošči: max M_x = 2.17 / min M_x = -0.79 kNm/m

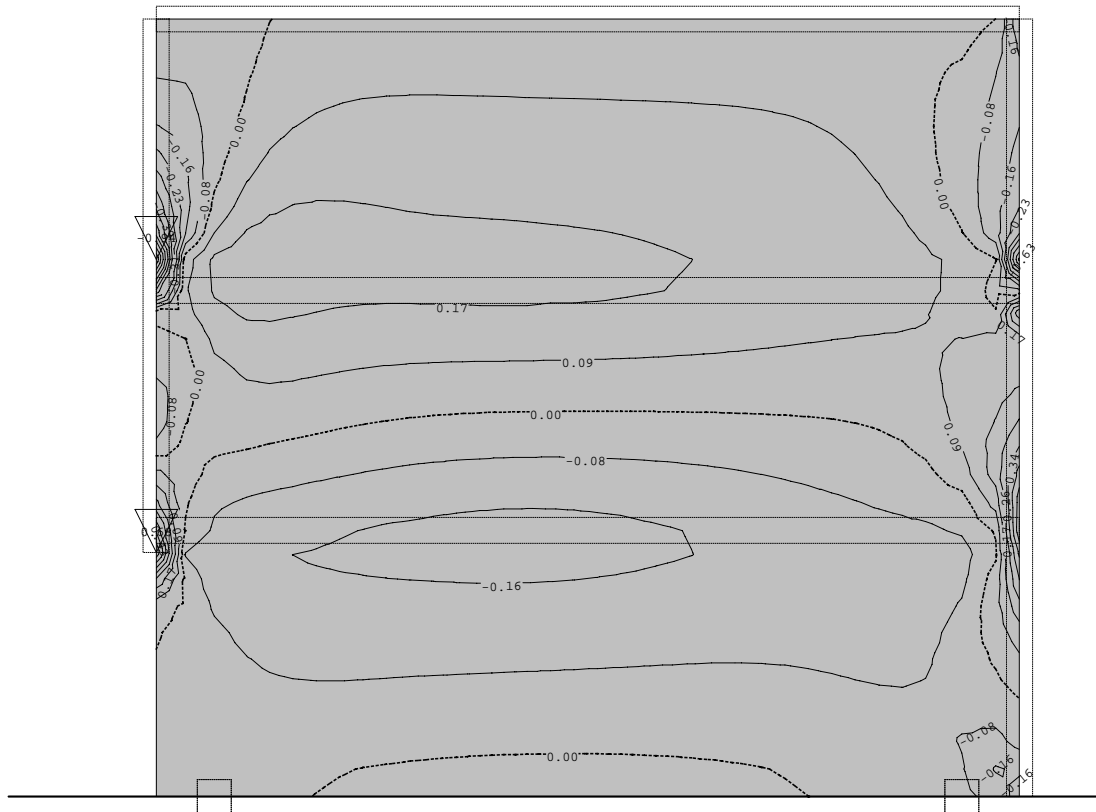
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: V_1

Vplivi v plošči: max M_y = 2.37 / min M_y = -3.03 kNm/m

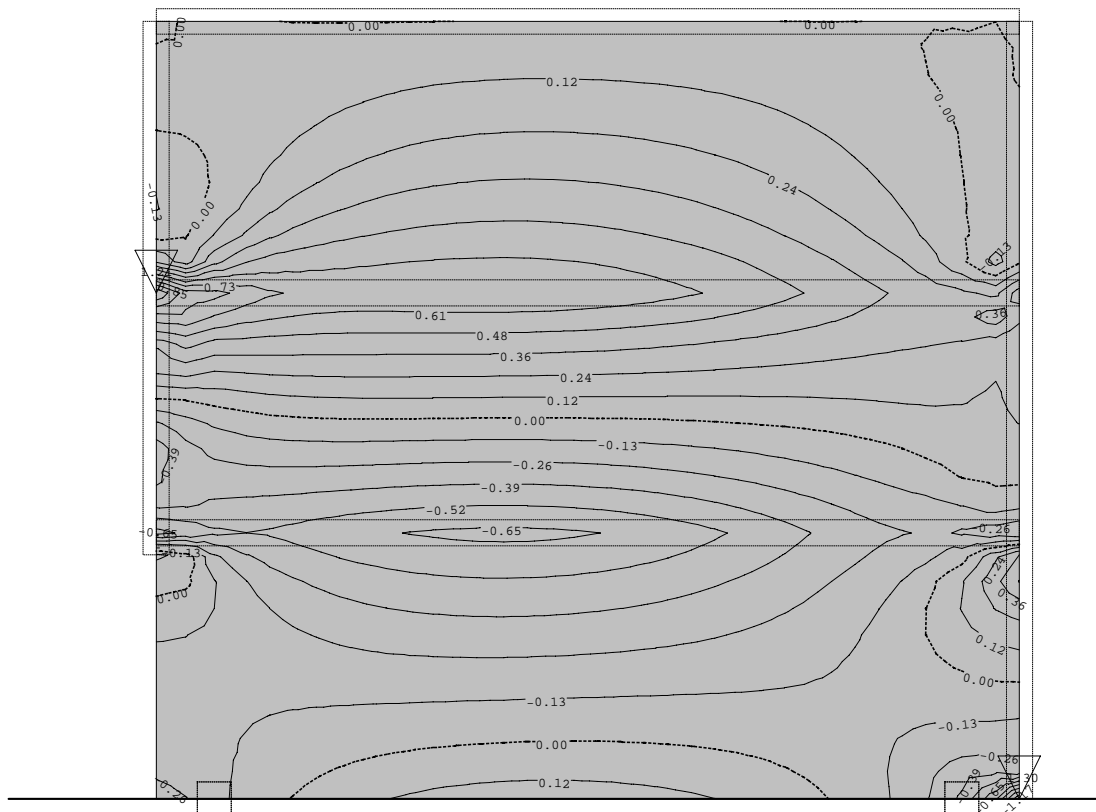
Obt. 2: 1.koristna 4 ; 6kN/m2



Okvir: V_1

Vplivi v plošči: max $M_x = 0.68$ / min $M_x = -0.94$ kNm/m

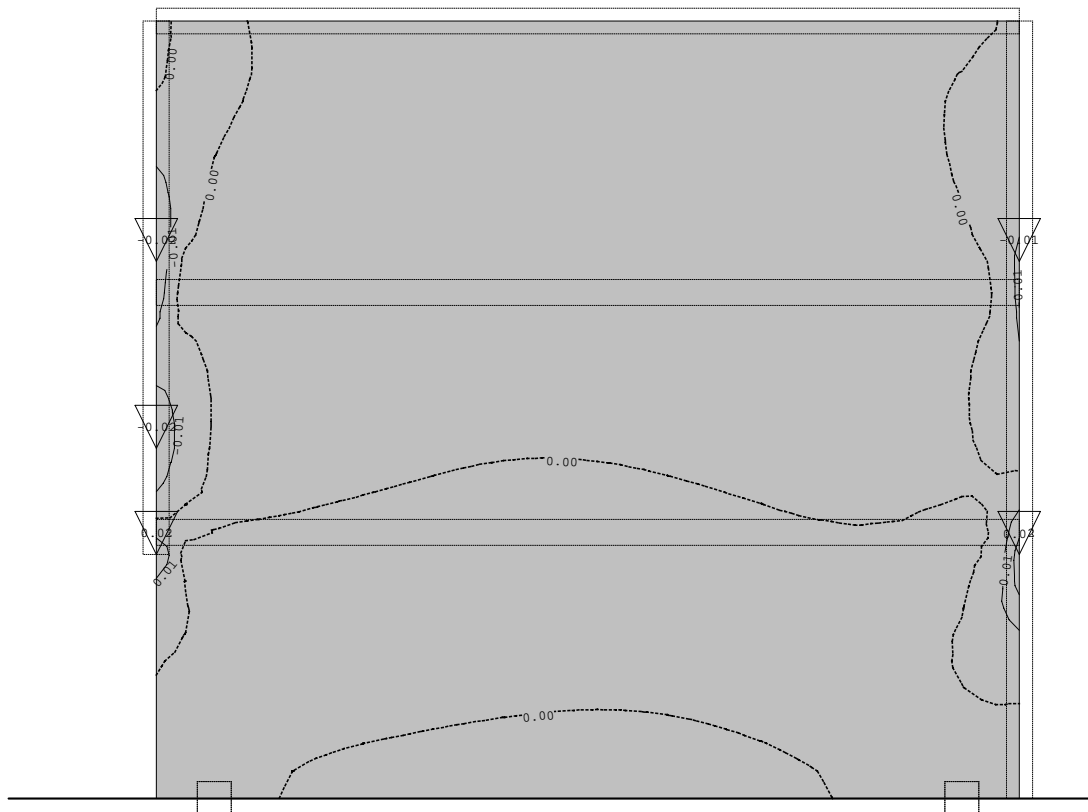
Obt. 2: 1.koristna 4 ; 6kN/m2



Okvir: V_1

Vplivi v plošči: max $M_y = 1.21$ / min $M_y = -1.30$ kNm/m

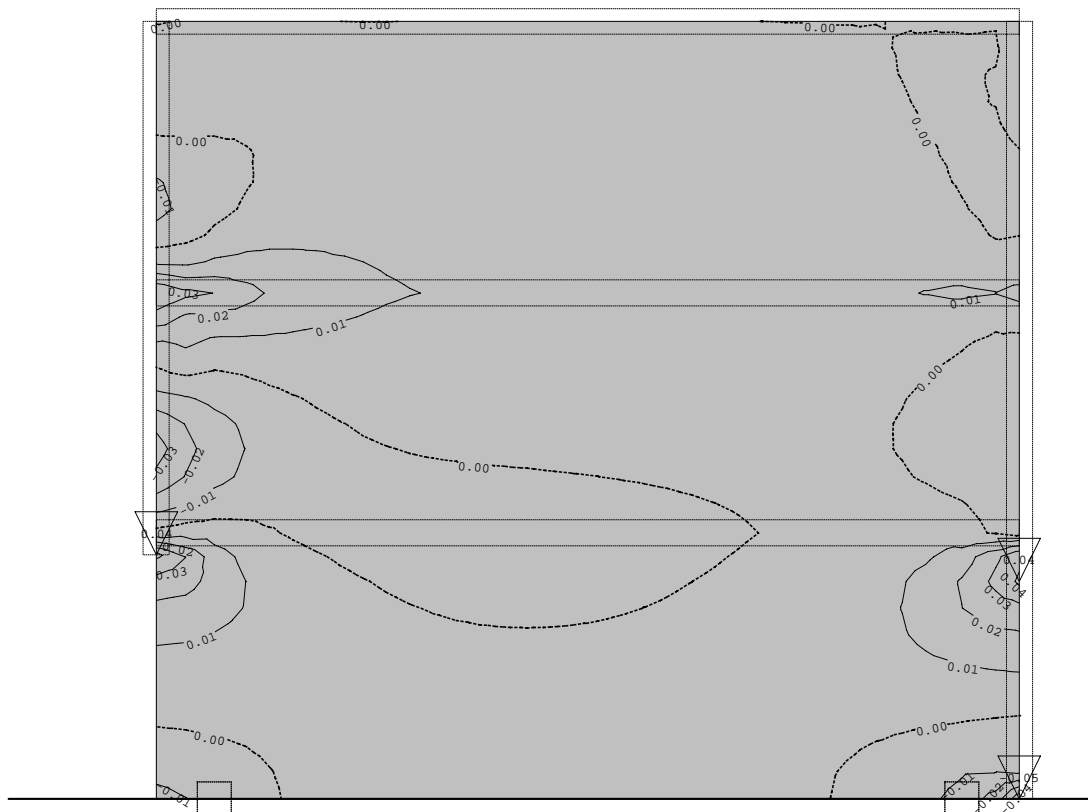
Obt. 6: veter +x



Okvir: V_1

Vplivi v plošči: max $M_x = 0.02$ / min $M_x = -0.02$ kNm/m

Obt. 6: veter +x



Okvir: V_1

Vplivi v plošči: max $M_y = 0.04$ / min $M_y = -0.05$ kNm/m

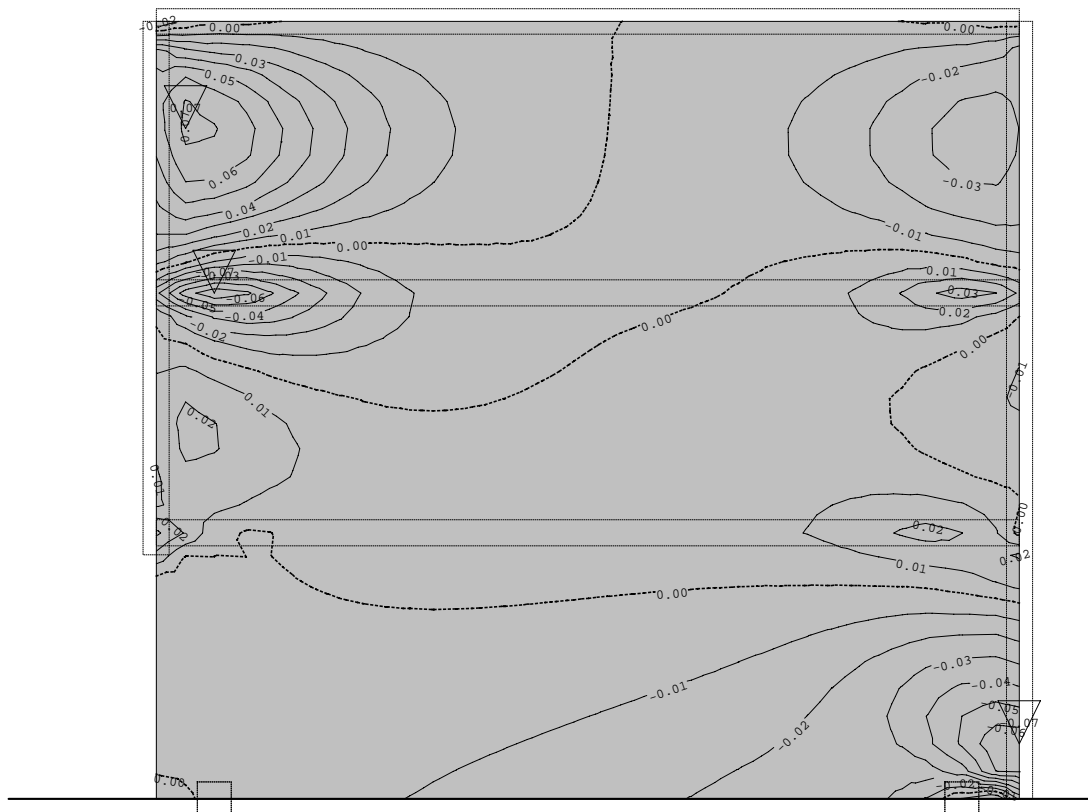
Obt. 8: veter +y



Okvir: V_1

Vplivi v plošči: max M_x = 0.28 / min M_x = -0.13 kNm/m

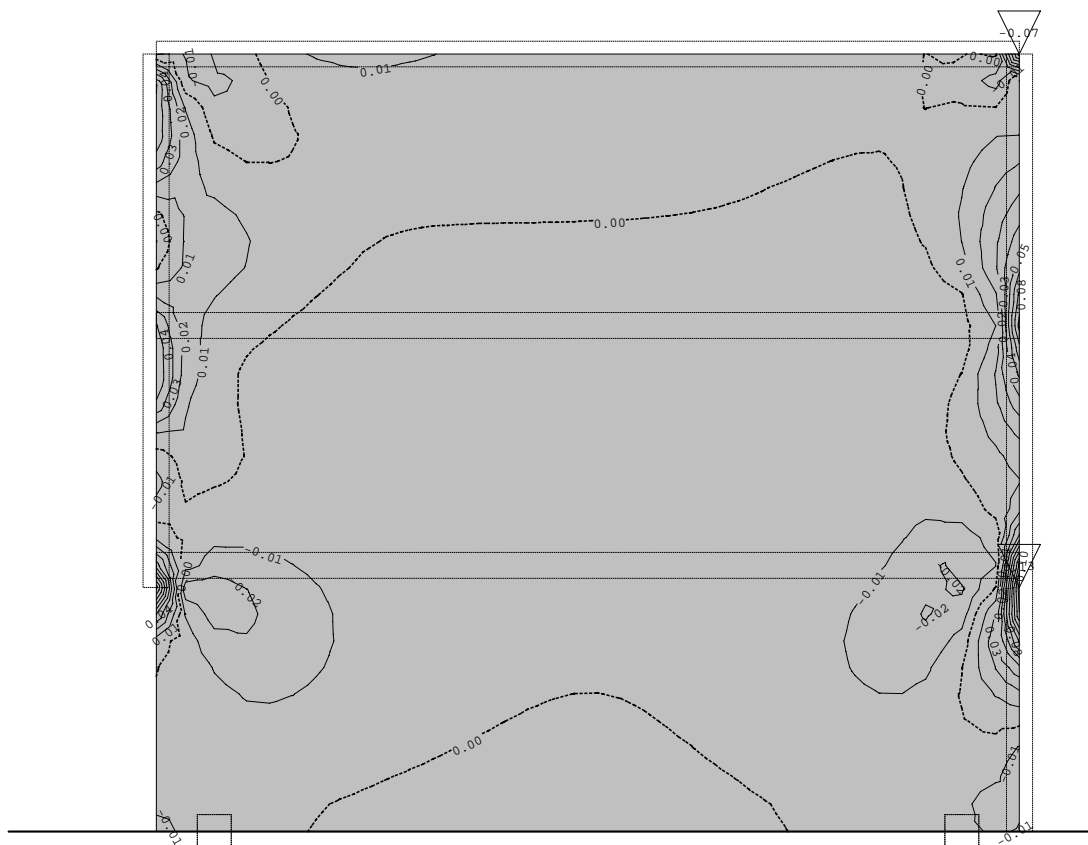
Obt. 8: veter +y



Okvir: V_1

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

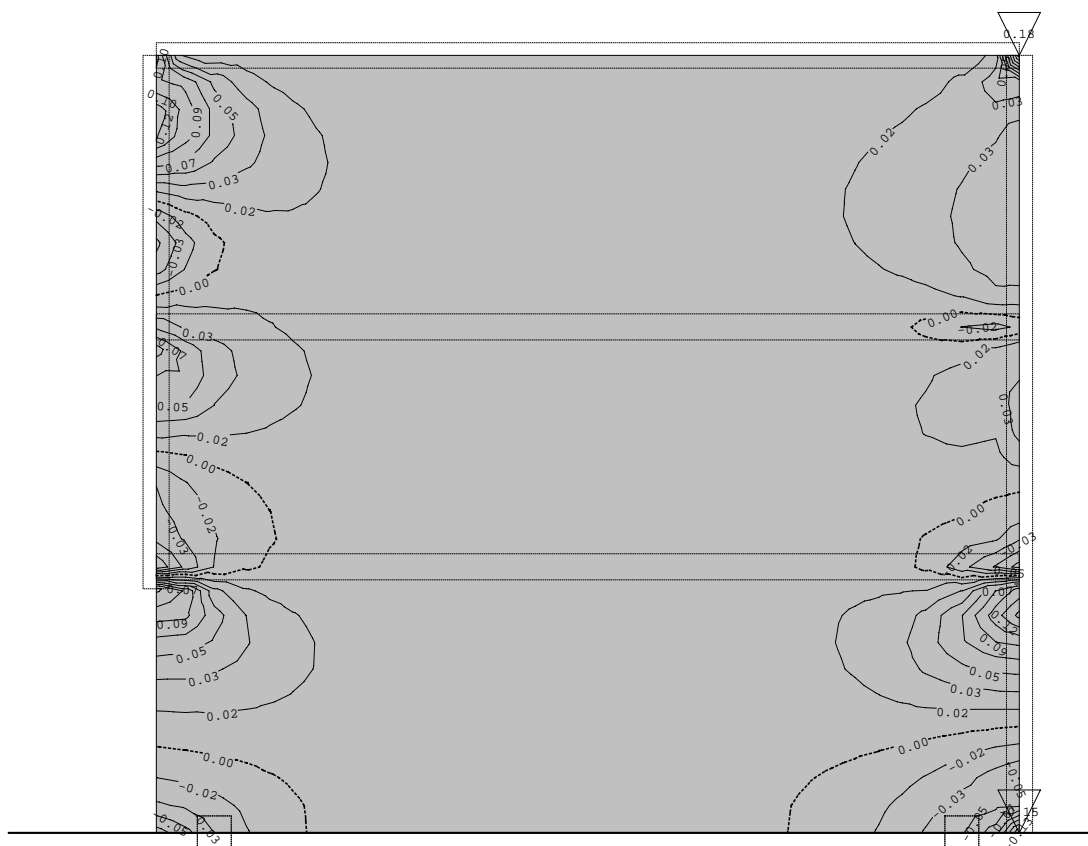
Obt. 10: sneg 1.36kN/m2



Okvir: V_1

Vplivi v plošči: max Mx= 0.13 / min Mx= -0.07 kNm/m

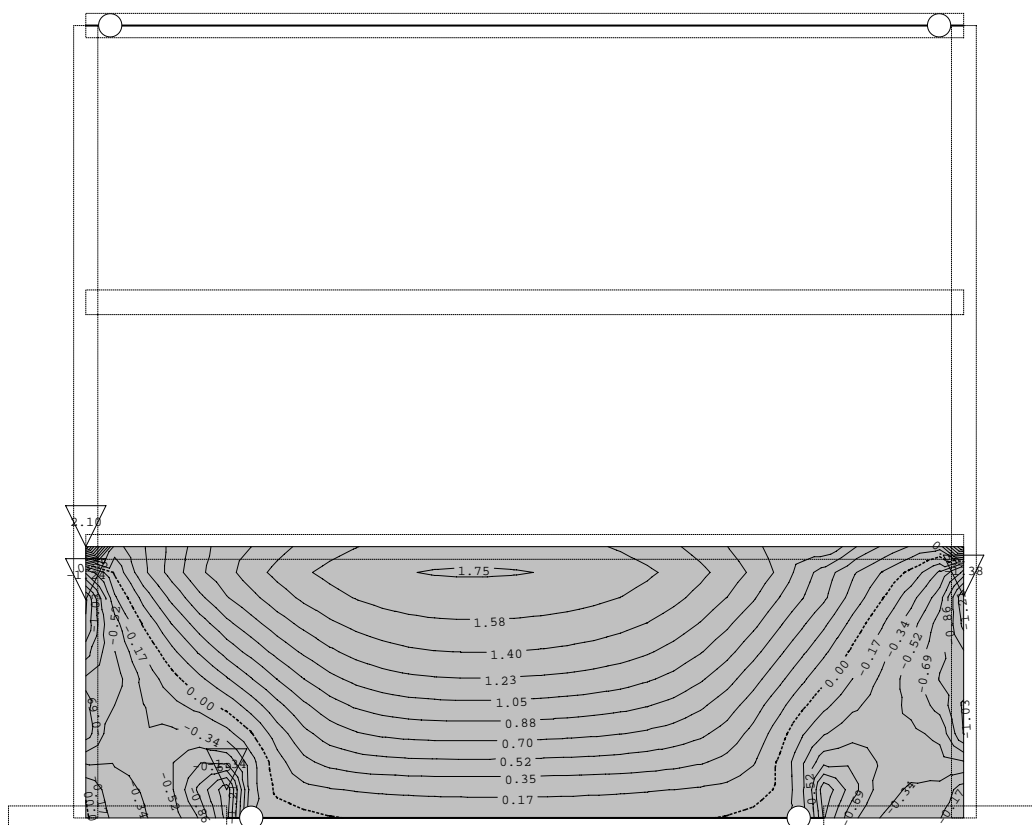
Obt. 10: sneg 1.36kN/m2



Okvir: V_1

Vplivi v plošči: max My= 0.18 / min My= -0.15 kNm/m

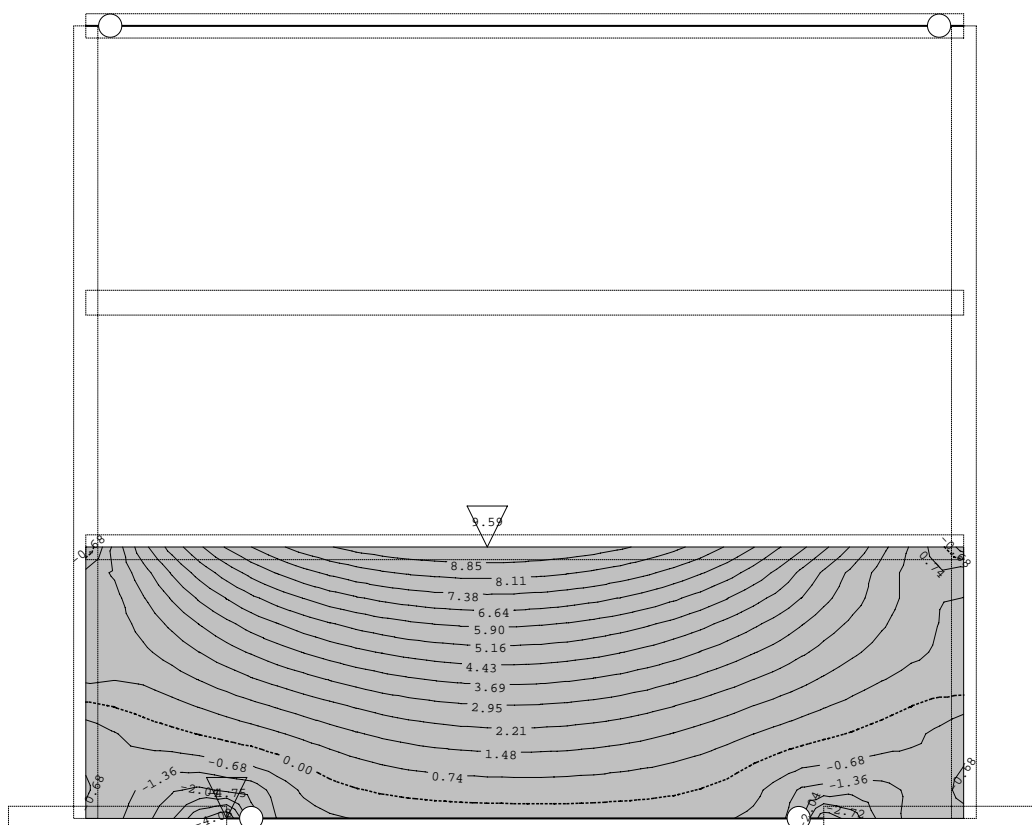
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: V_2

Vplivi v plošči: max M_x = 2.10 / min M_x = -1.38 kNm/m

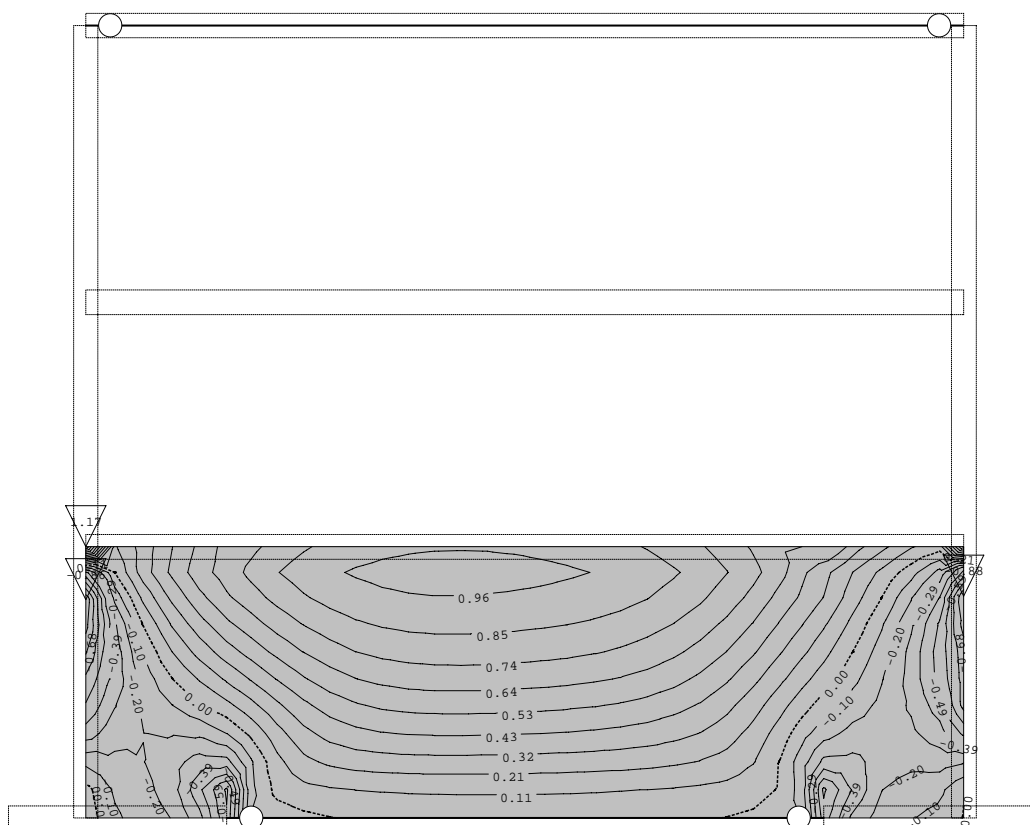
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: V_2

Vplivi v plošči: max M_y = 9.59 / min M_y = -4.75 kNm/m

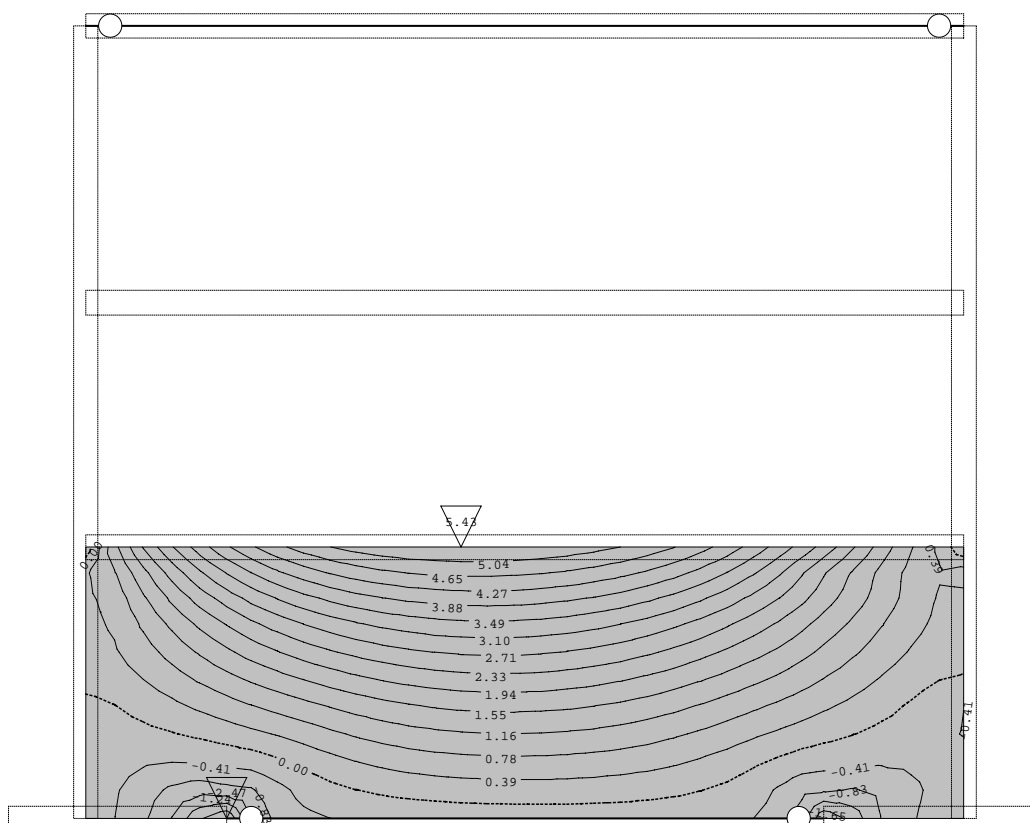
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: V_2

Vplivi v plošči: max M_x = 1.17 / min M_x = -0.88 kNm/m

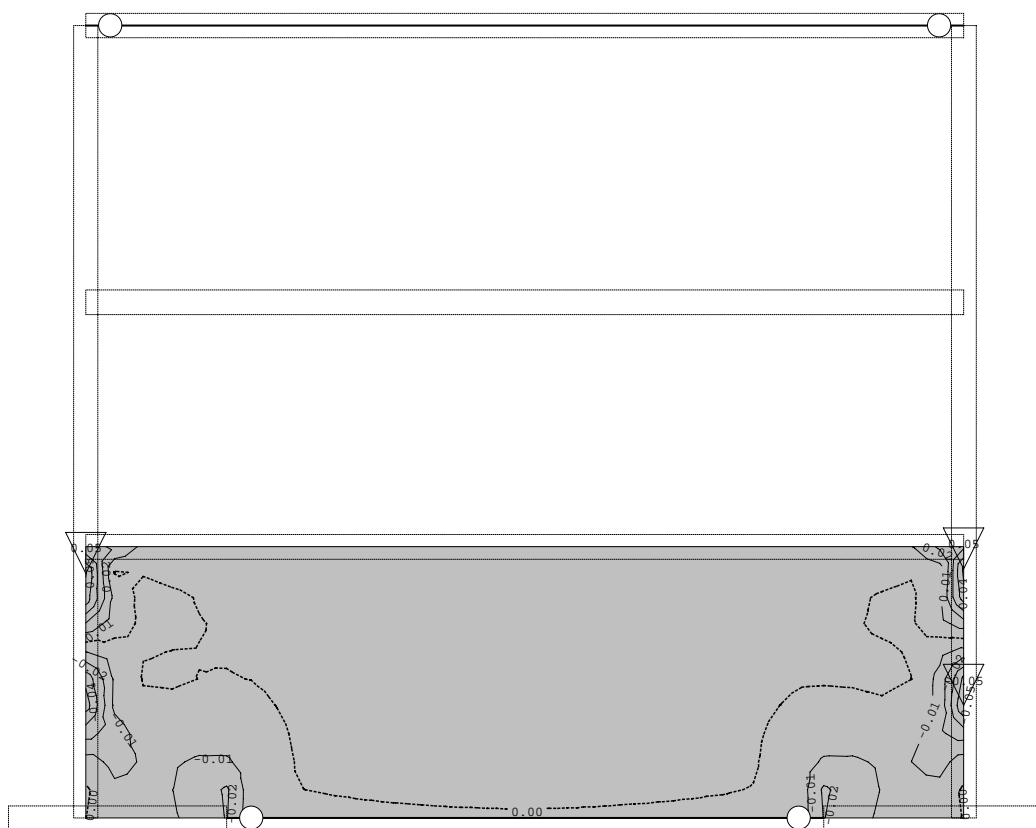
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: V_2

Vplivi v plošči: max M_y = 5.43 / min M_y = -2.47 kNm/m

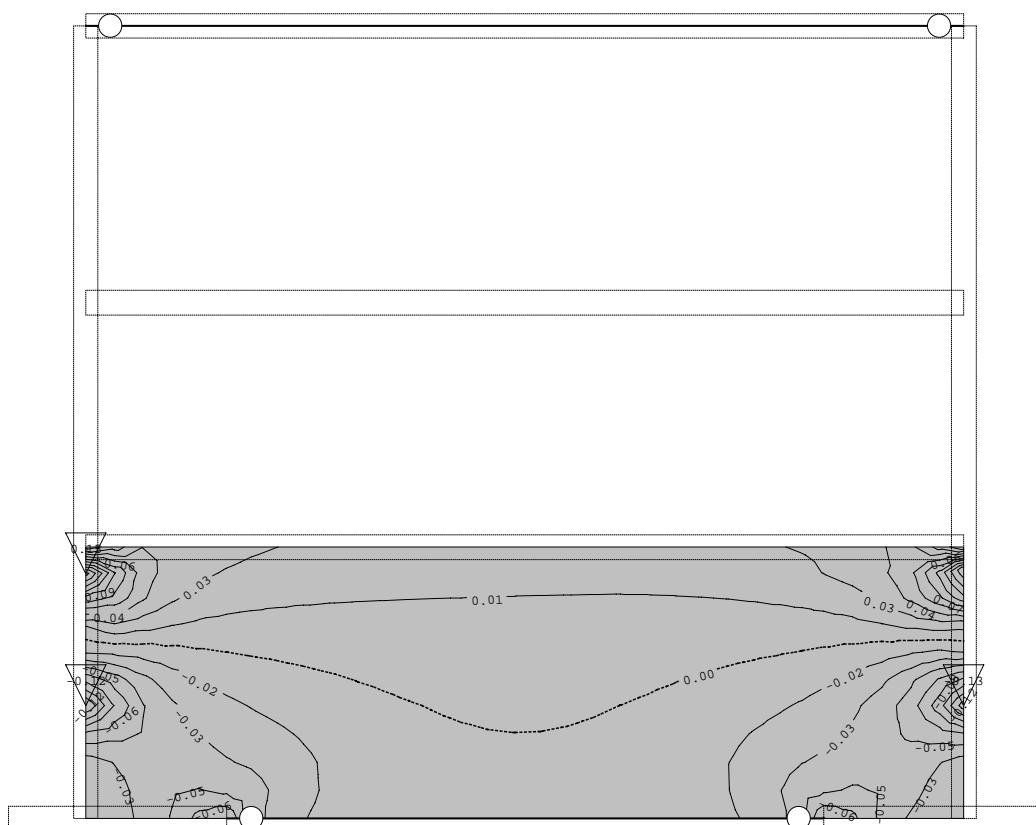
Obt. 6: veter +x



Okvir: V_2

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

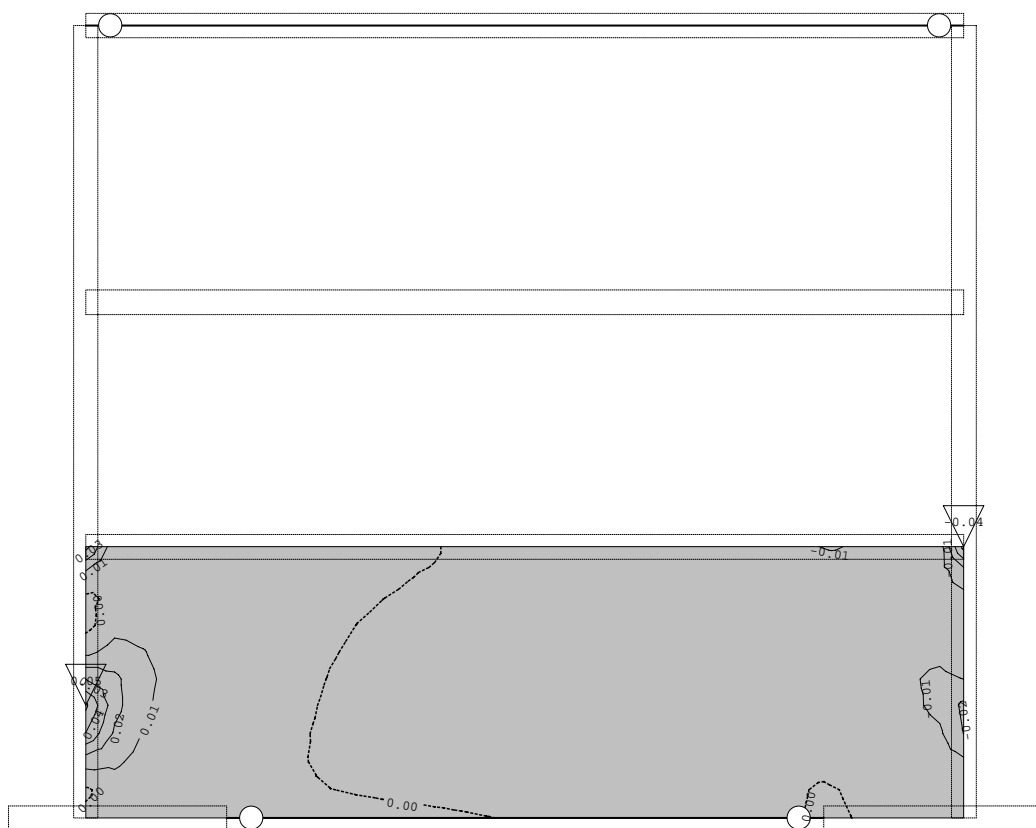
Obt. 6: veter +x



Okvir: V_2

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

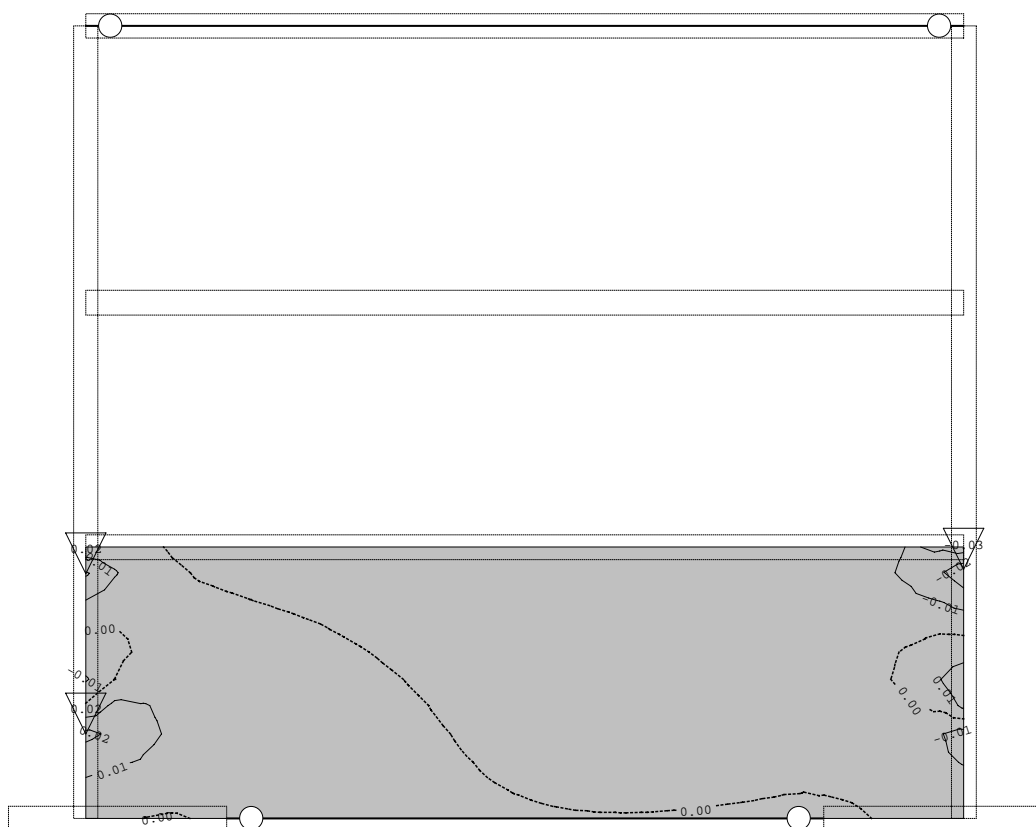
Obt. 8: veter +y



Okvir: V_2

Vplivi v plošči: max $M_x = 0.05$ / min $M_x = -0.04$ kNm/m

Obt. 8: veter +y



Okvir: V_2

Vplivi v plošči: max $M_y = 0.02$ / min $M_y = -0.03$ kNm/m

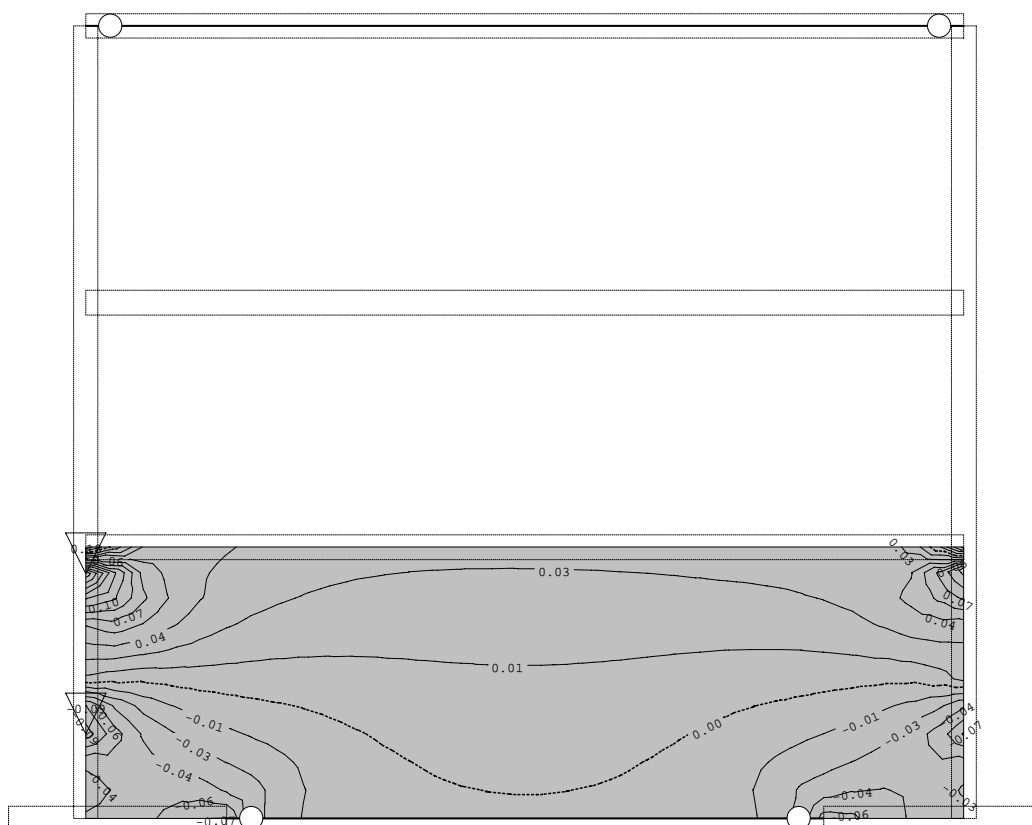
Obt. 10: sneg 1.36kN/m2



Okvir: V_2

Vplivi v plošči: max $M_x = 0.11$ / min $M_x = -0.03$ kNm/m

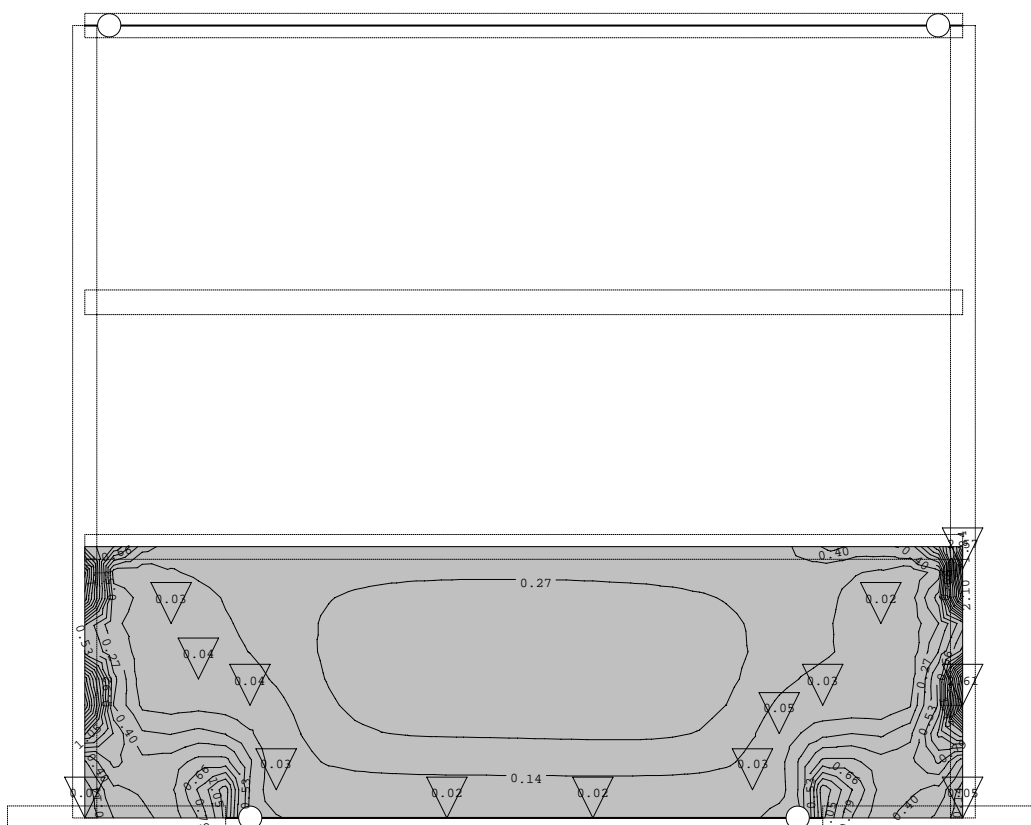
Obt. 10: sneg 1.36kN/m2



Okvir: V_2

Vplivi v plošči: max $M_y = 0.18$ / min $M_y = -0.09$ kNm/m

Obt. 11: px



Okvir: V_2

Vplivi v plošči: max $M_x = 2.61$ / min $M_x = 0.02$ kNm/m

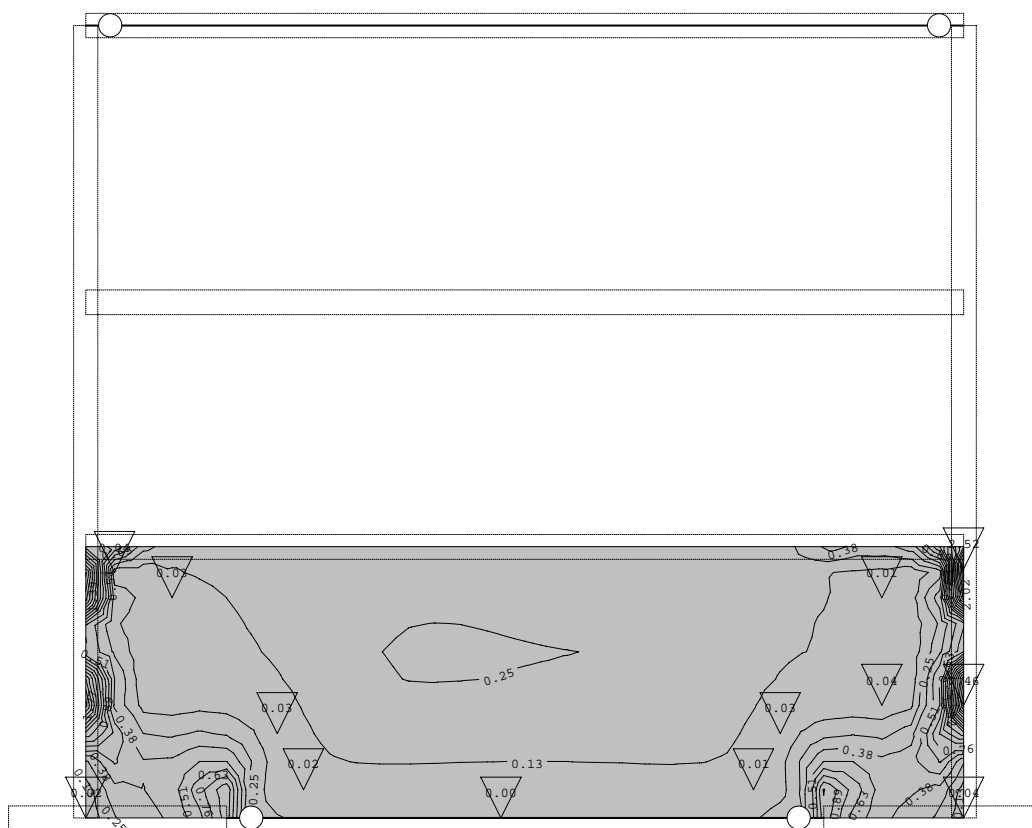
Obt. 11: px



Okvir: V_2

Vplivi v plošči: max $M_y = 6.92$ / min $M_y = 0.12$ kNm/m

Obt. 12: py



Okvir: V_2

Vplivi v plošči: max $M_x = 2.52$ / min $M_x = 0.00$ kNm/m

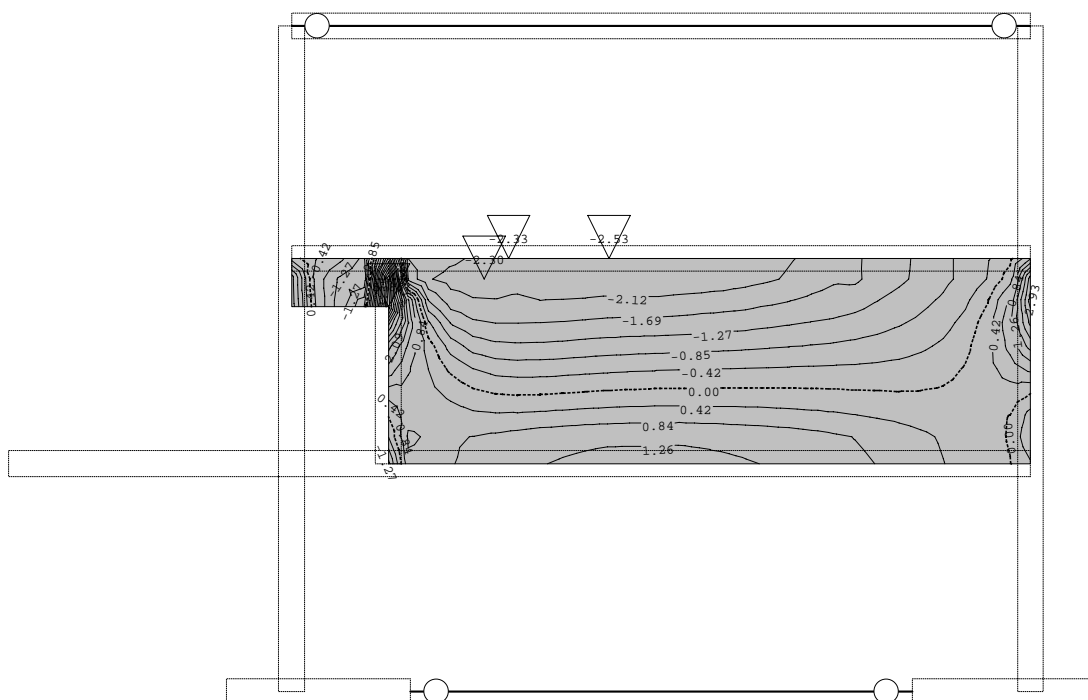
Obt. 12: py



Okvir: V_2

Vplivi v plošči: max $M_y = 6.66$ / min $M_y = 0.04$ kNm/m

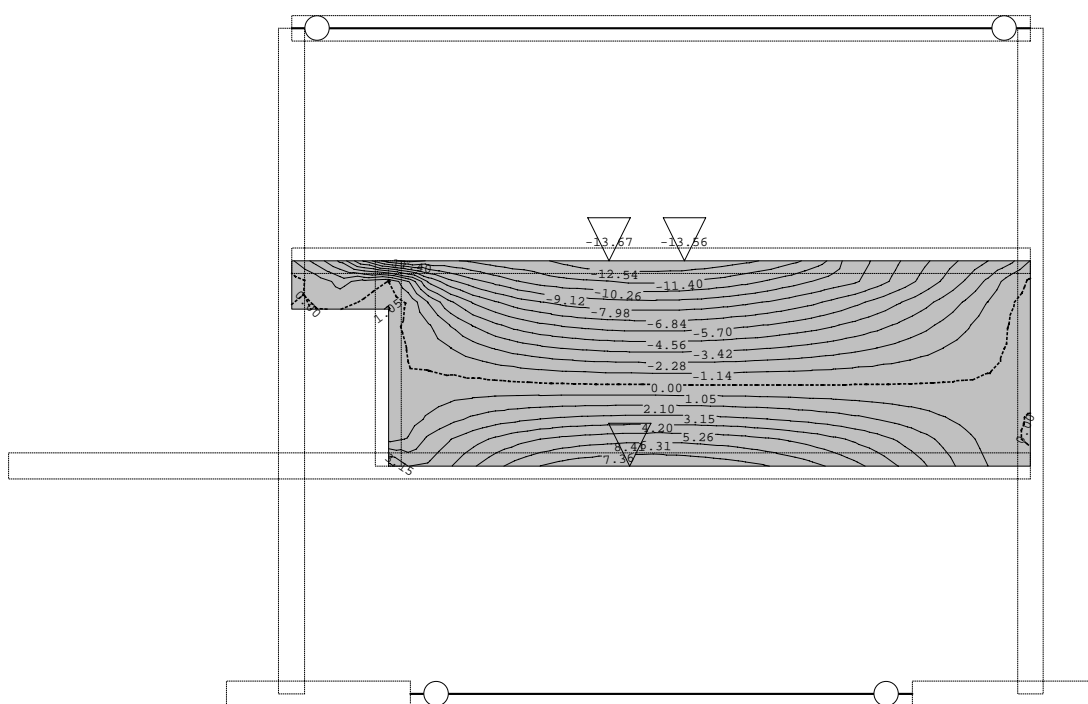
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: V_3

Vplivi v plošči: max Mx= 5.86 / min Mx= -2.53 kNm/m

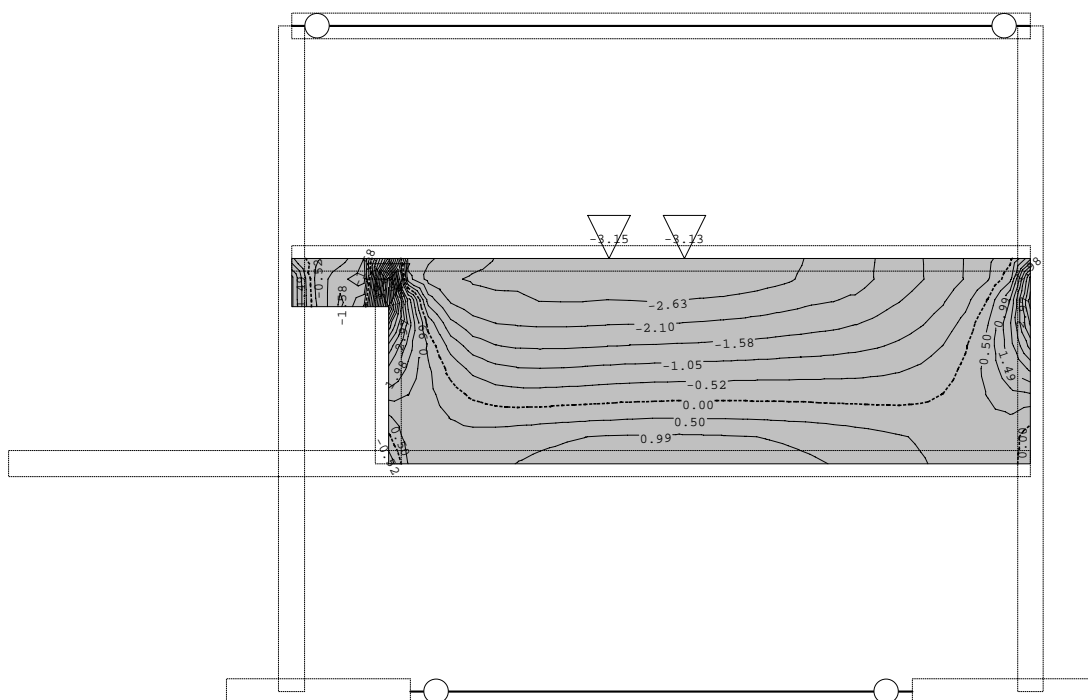
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: V_3

Vplivi v plošči: max My= 8.41 / min My= -13.67 kNm/m

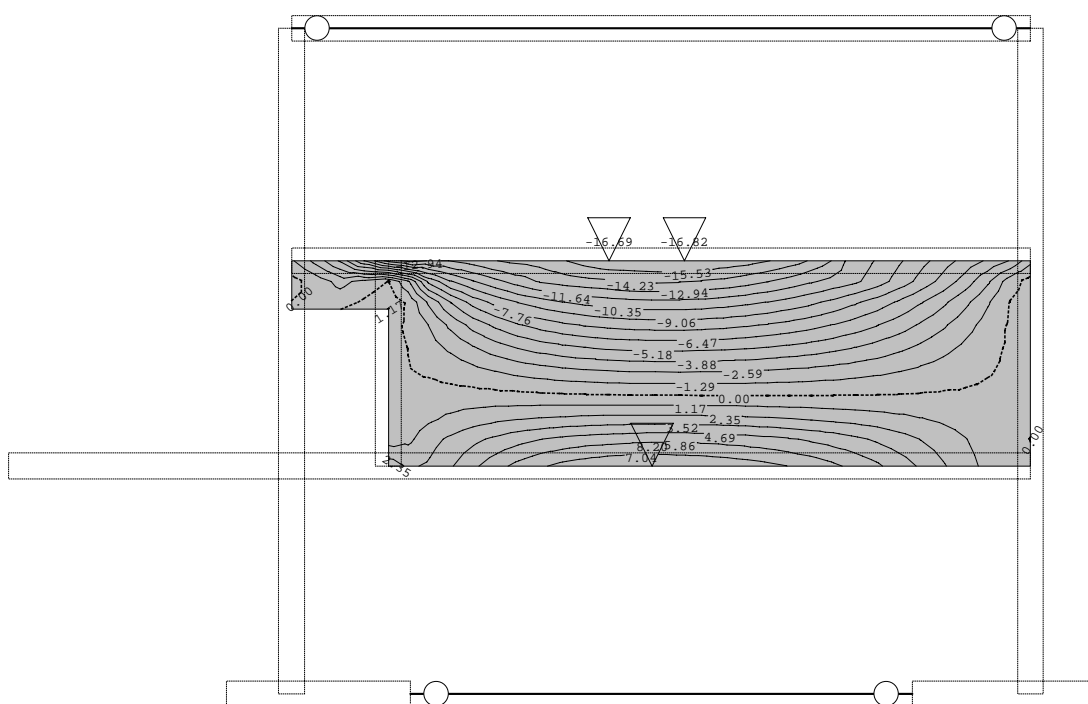
Obt. 2: 1.koristna 4 ; 6kN/m2



Okvir: V_3

Vplivi v plošči: max M_x = 6.94 / min M_x = -3.15 kNm/m

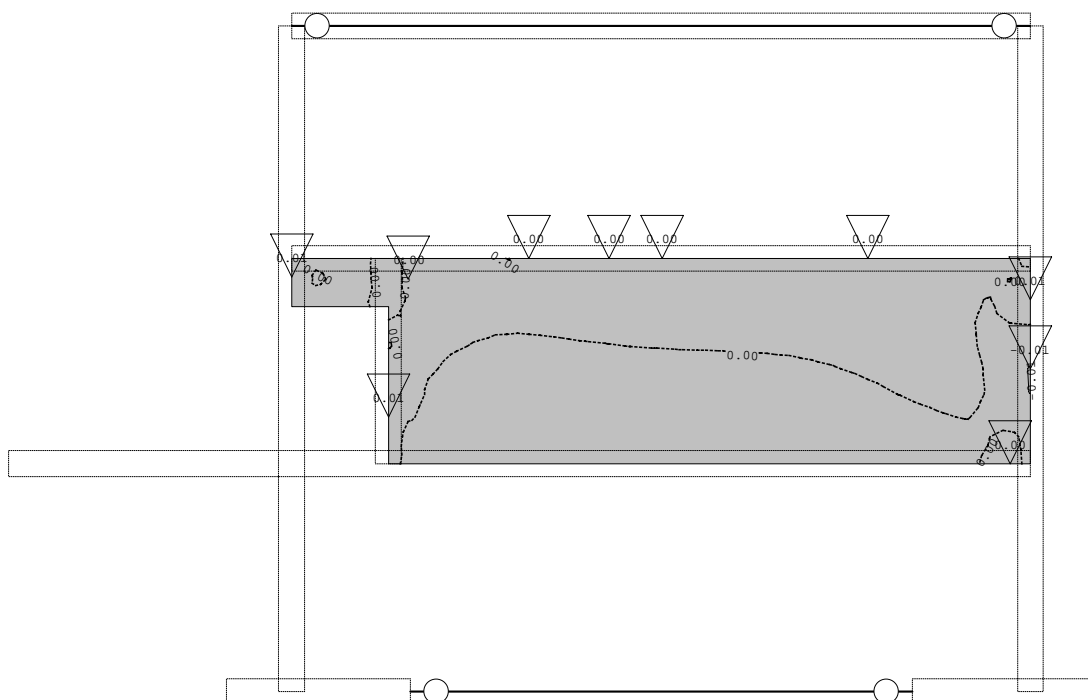
Obt. 2: 1.koristna 4 ; 6kN/m2



Okvir: V_3

Vplivi v plošči: max M_y = 8.20 / min M_y = -16.82 kNm/m

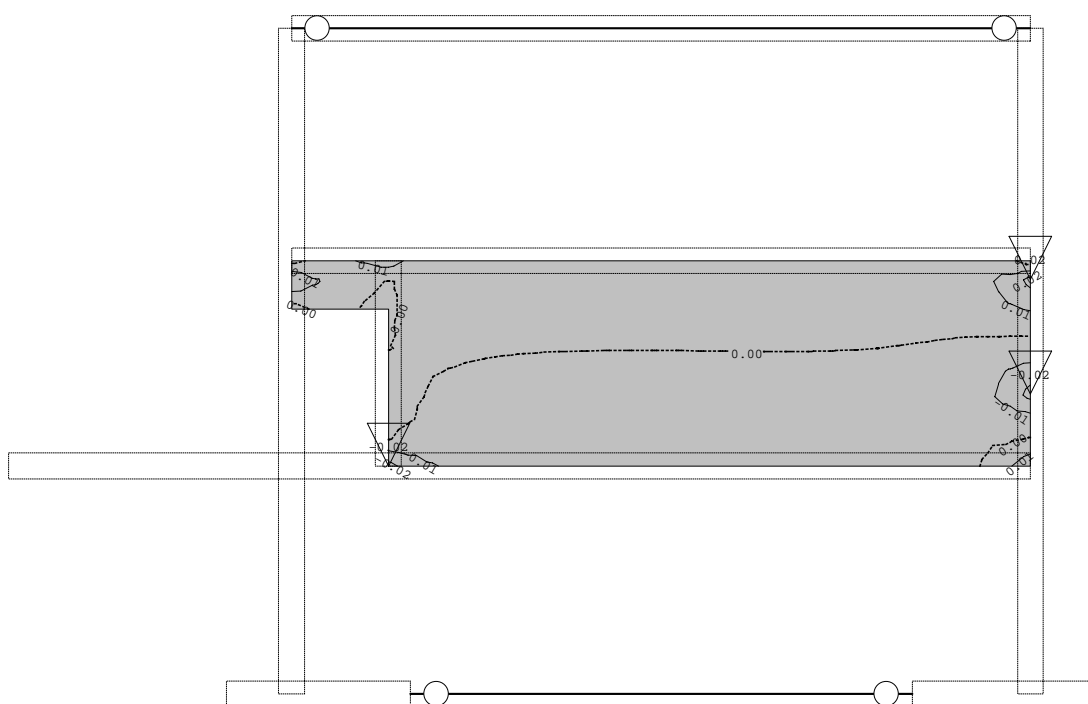
Obt. 6: veter +x



Okvir: V_3

Vplivi v plošči: max $M_x = 0.01$ / min $M_x = -0.01$ kNm/m

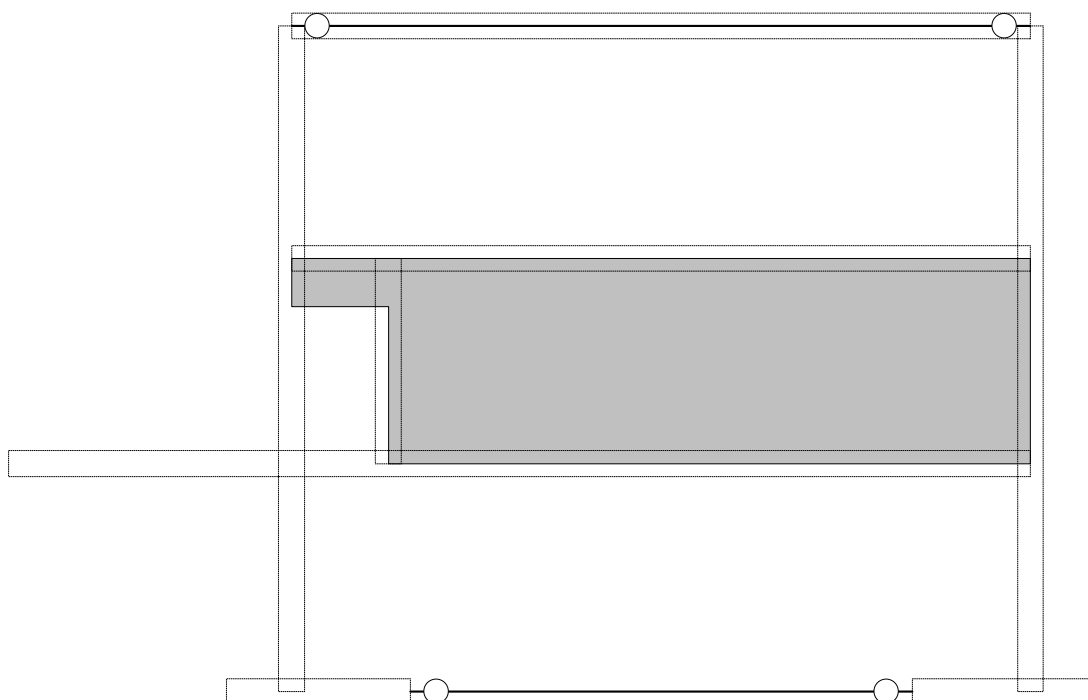
Obt. 6: veter +x



Okvir: V_3

Vplivi v plošči: max $M_y = 0.02$ / min $M_y = -0.02$ kNm/m

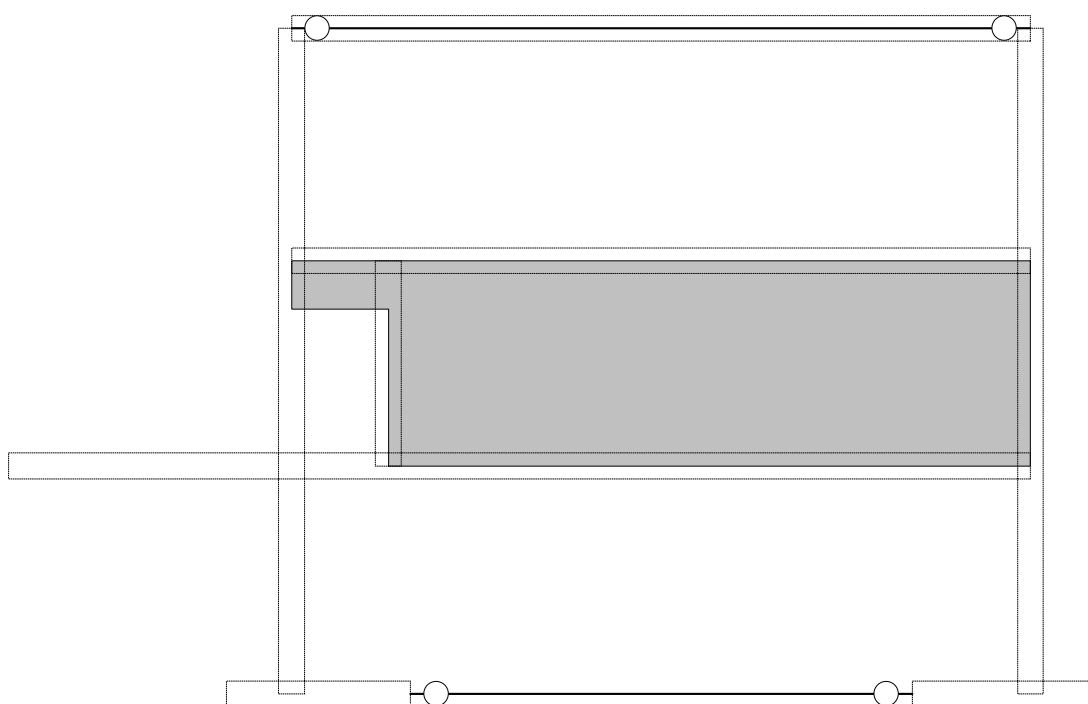
Obt. 8: veter +y



Okvir: V_3

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

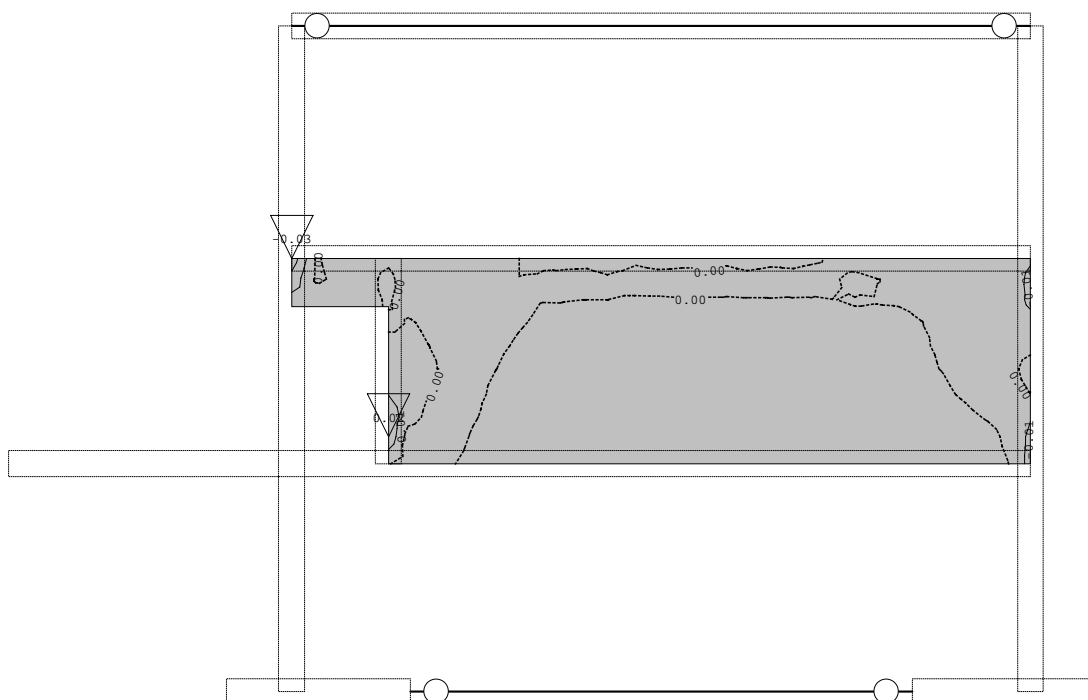
Obt. 8: veter +y



Okvir: V_3

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

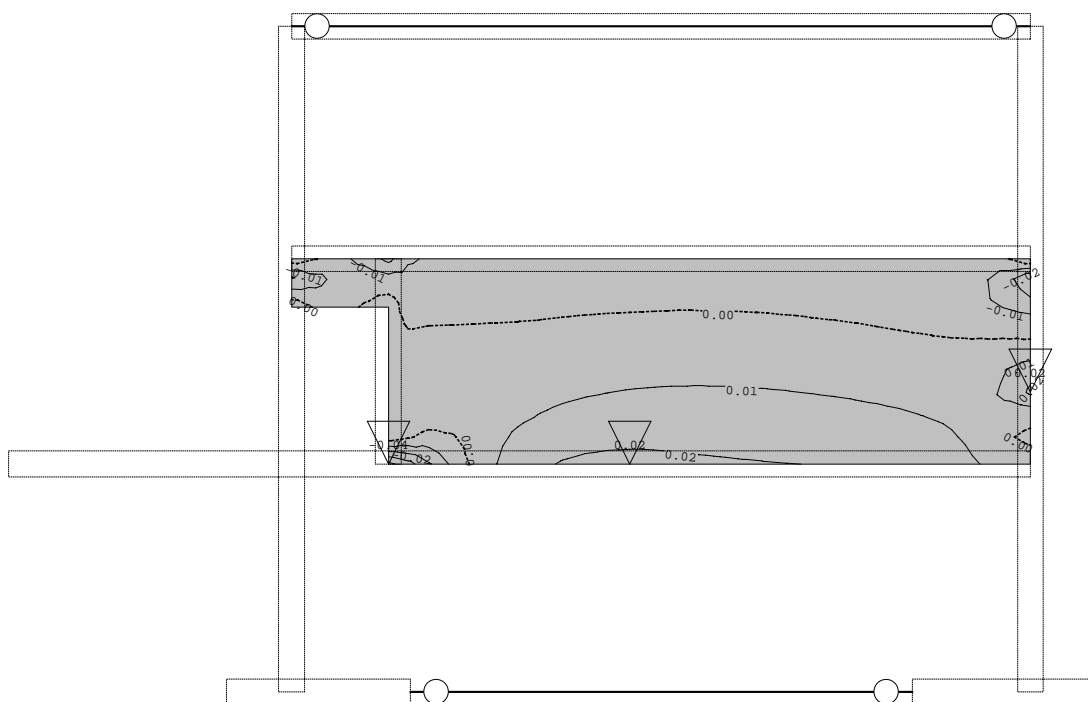
Obt. 10: sneg 1.36kN/m2



Okvir: V_3

Vplivi v plošči: max $M_x = 0.02$ / min $M_x = -0.03$ kNm/m

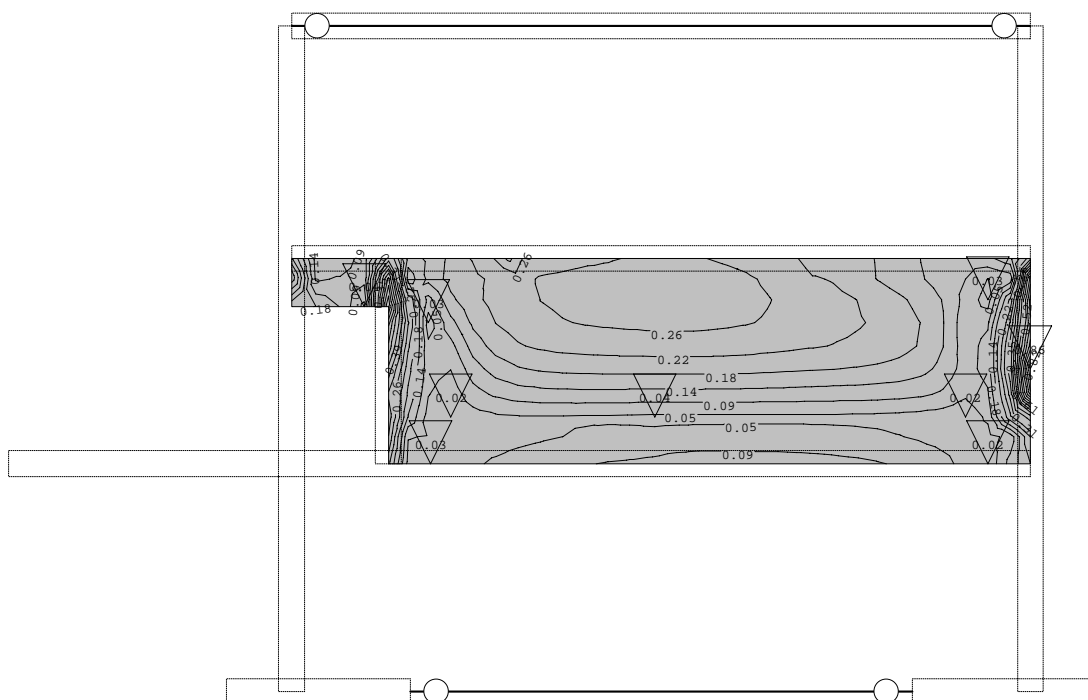
Obt. 10: sneg 1.36kN/m2



Okvir: V_3

Vplivi v plošči: max $M_y = 0.02$ / min $M_y = -0.04$ kNm/m

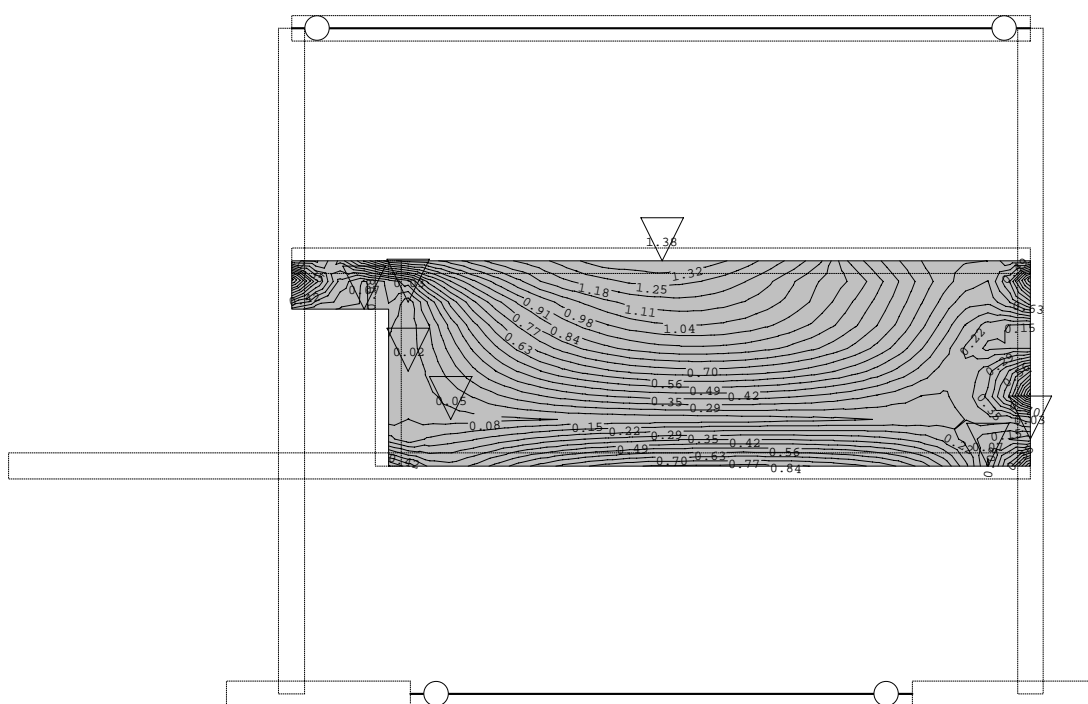
Obt. 11: px



Okvir: V_3

Vplivi v plošči: max $M_x = 0.86$ / min $M_x = 0.02$ kNm/m

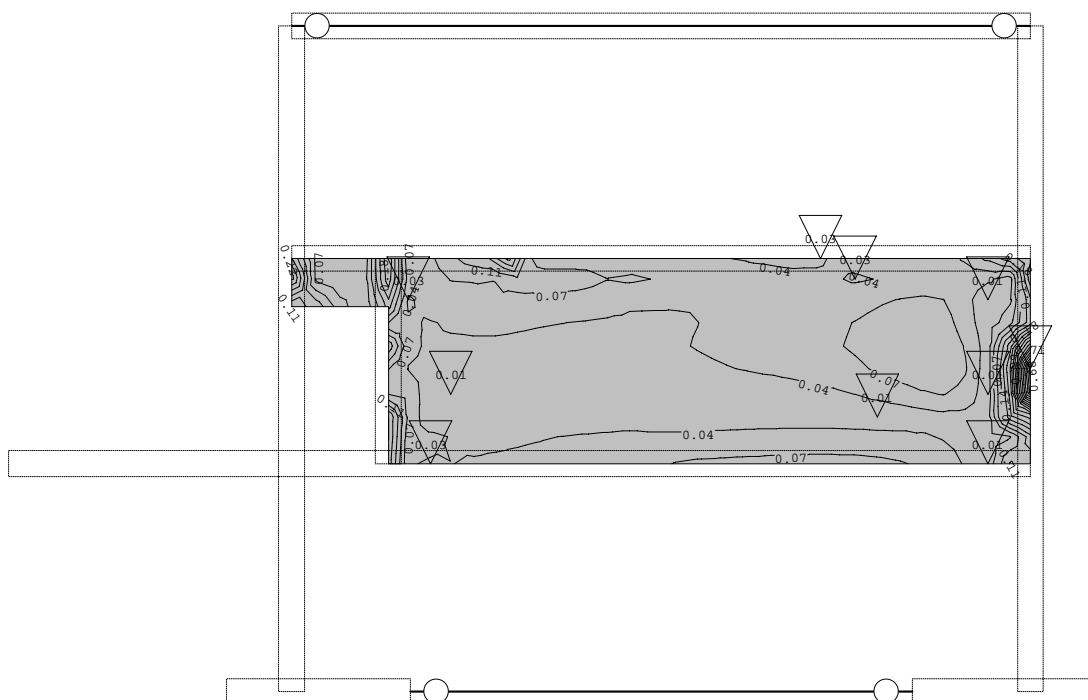
Obt. 11: px



Okvir: V_3

Vplivi v plošči: max $M_y = 1.38$ / min $M_y = 0.02$ kNm/m

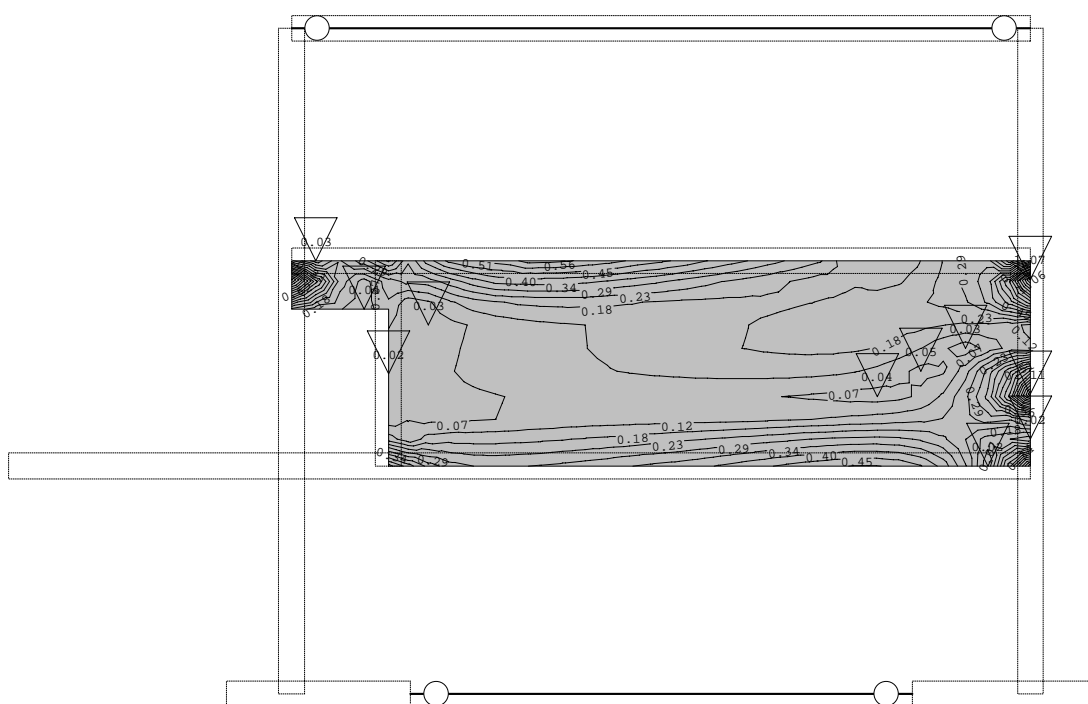
Obt. 12: py



Okvir: V_3

Vplivi v plošči: max $M_x = 0.71$ / min $M_x = 0.01$ kNm/m

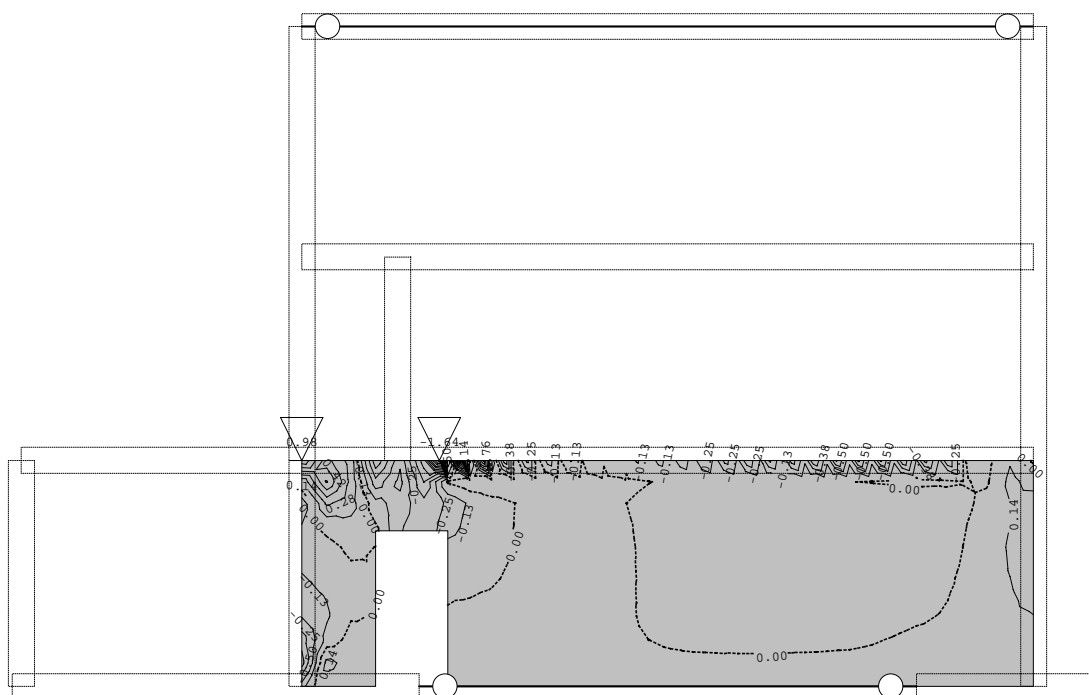
Obt. 12: py



Okvir: V_3

Vplivi v plošči: max $M_y = 1.11$ / min $M_y = 0.02$ kNm/m

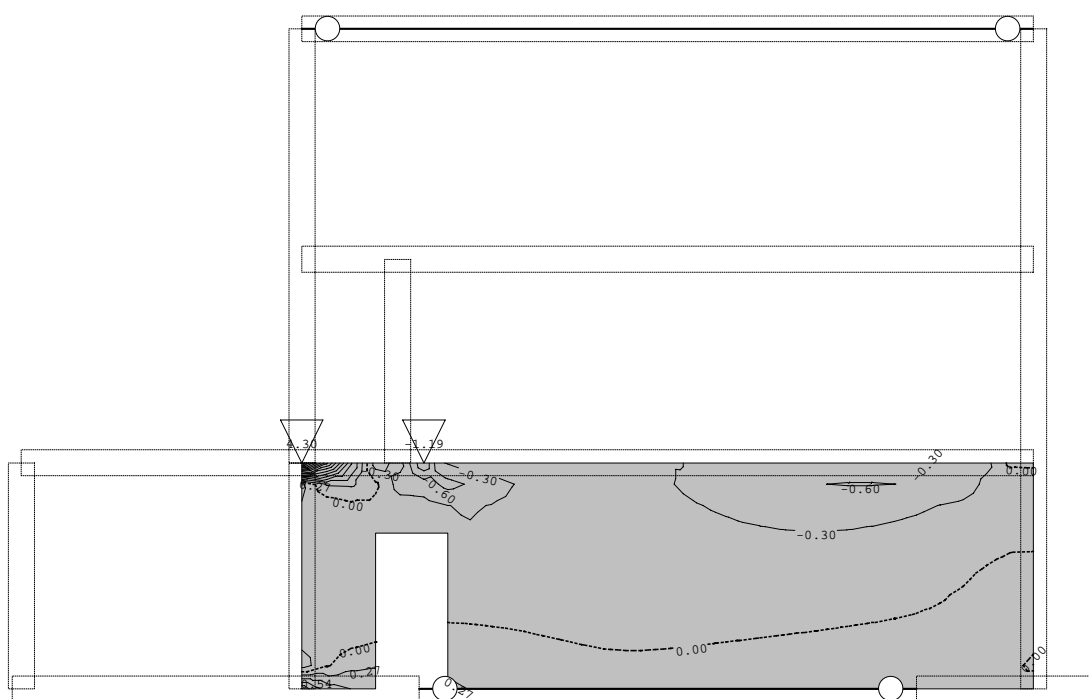
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: V_4

Vplivi v plošči: max Mx= 0.98 / min Mx= -1.64 kNm/m

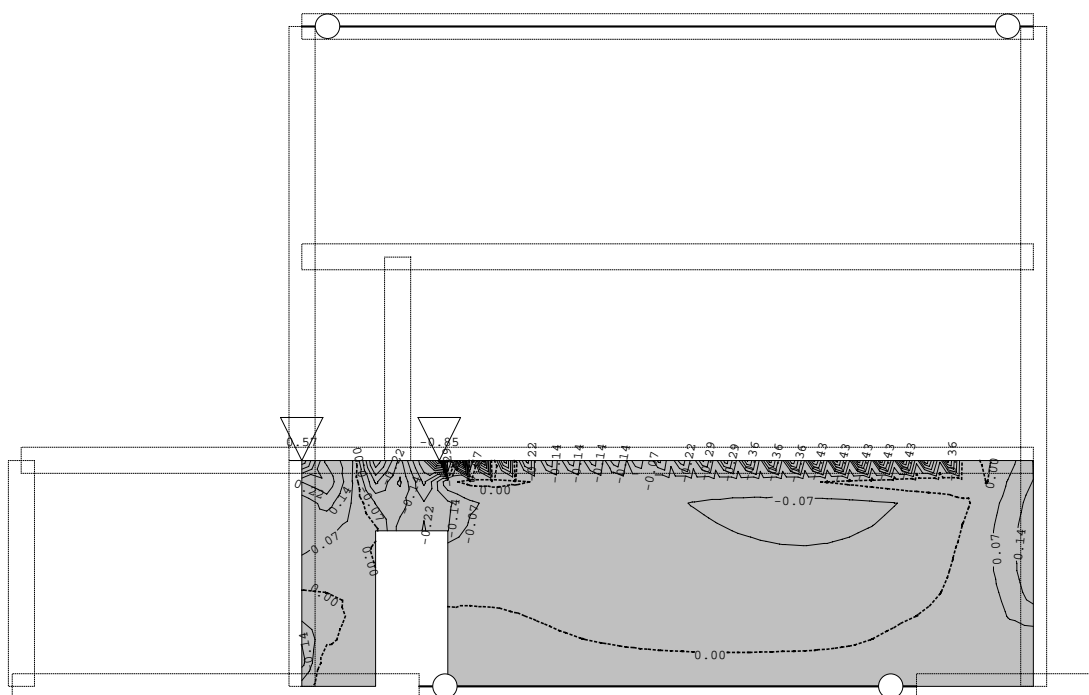
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: V_4

Vplivi v plošči: max My= 4.30 / min My= -1.19 kNm/m

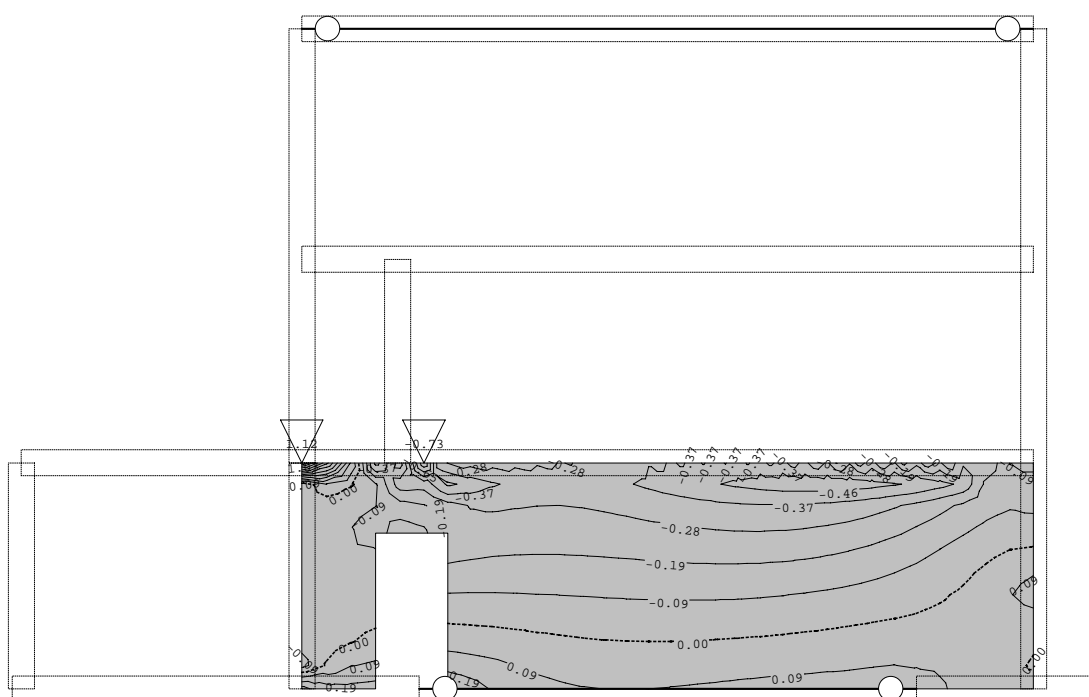
Obt. 2: 1.koristna 4 ; 6kN/m2



Okvir: V_4

Vplivi v plošči: max $M_x = 0.57$ / min $M_x = -0.85$ kNm/m

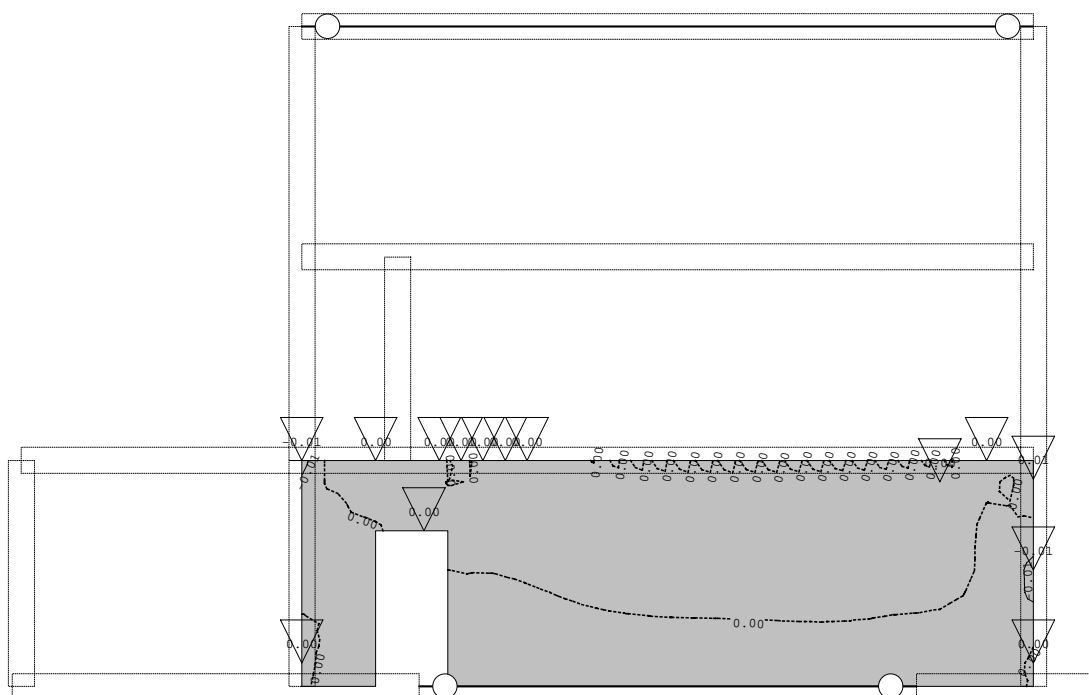
Obt. 2: 1.koristna 4 ; 6kN/m2



Okvir: V_4

Vplivi v plošči: max $M_y = 1.12$ / min $M_y = -0.73$ kNm/m

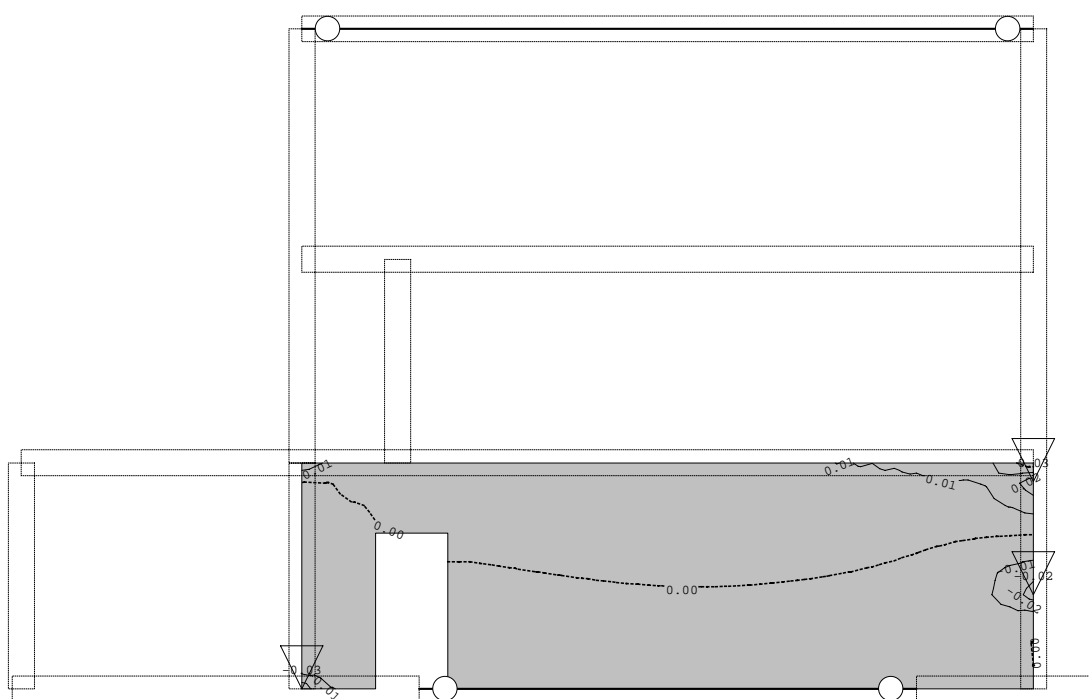
Obt. 6: veter +x



Okvir: V_4

Vplivi v plošči: max $M_x = 0.01$ / min $M_x = -0.01$ kNm/m

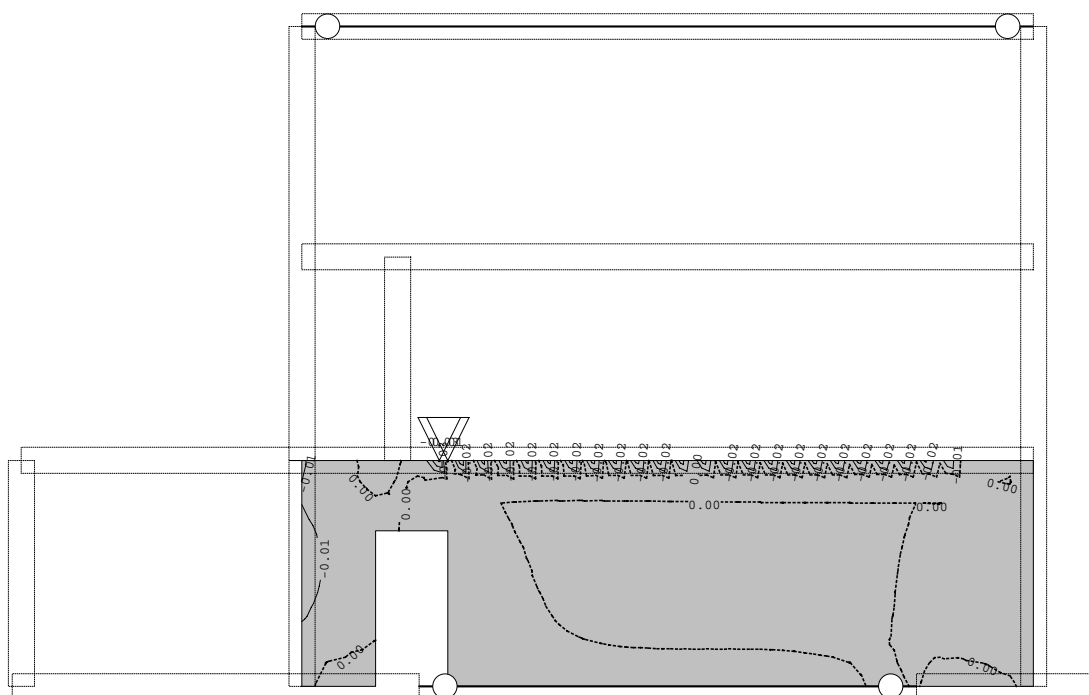
Obt. 6: veter +x



Okvir: V_4

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

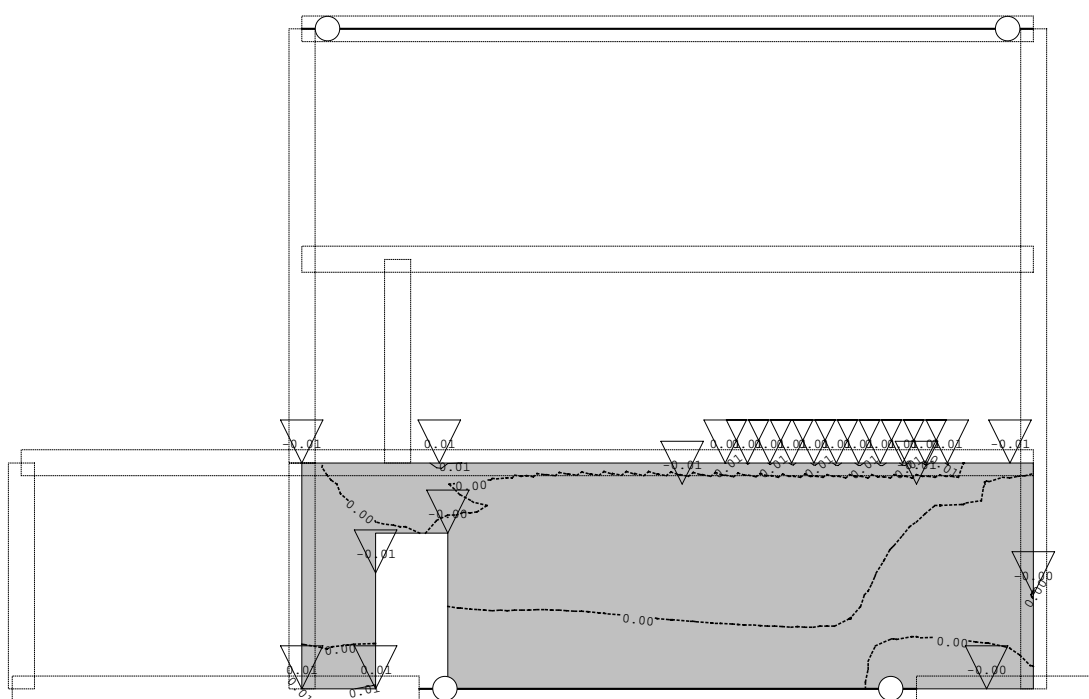
Obt. 8: veter +y



Okvir: V_4

Vplivi v plošči: max $M_x = 0.01$ / min $M_x = -0.03$ kNm/m

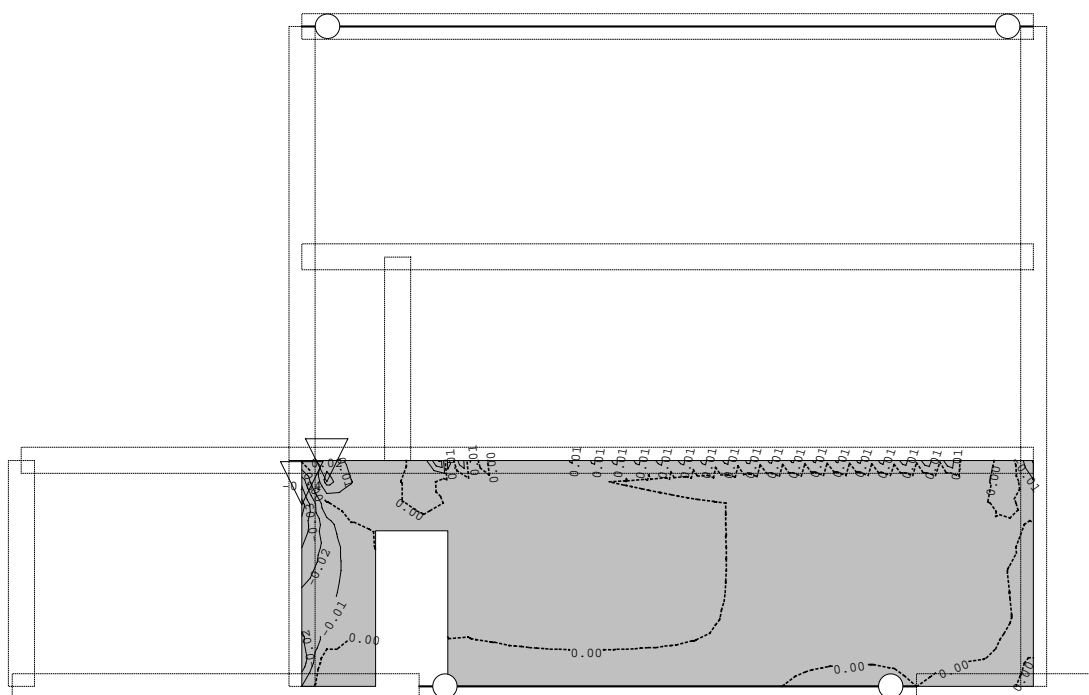
Obt. 8: veter +y



Okvir: V_4

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

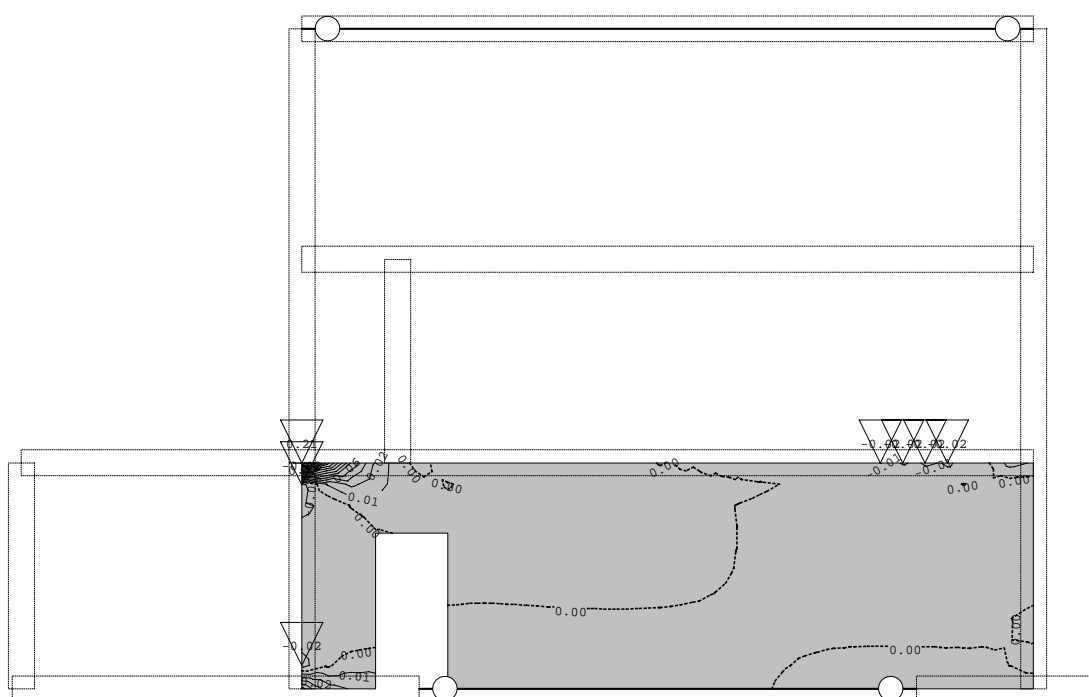
Obt. 10: sneg 1.36kN/m2



Okvir: V_4

Vplivi v plošči: max $M_x = 0.02$ / min $M_x = -0.04$ kNm/m

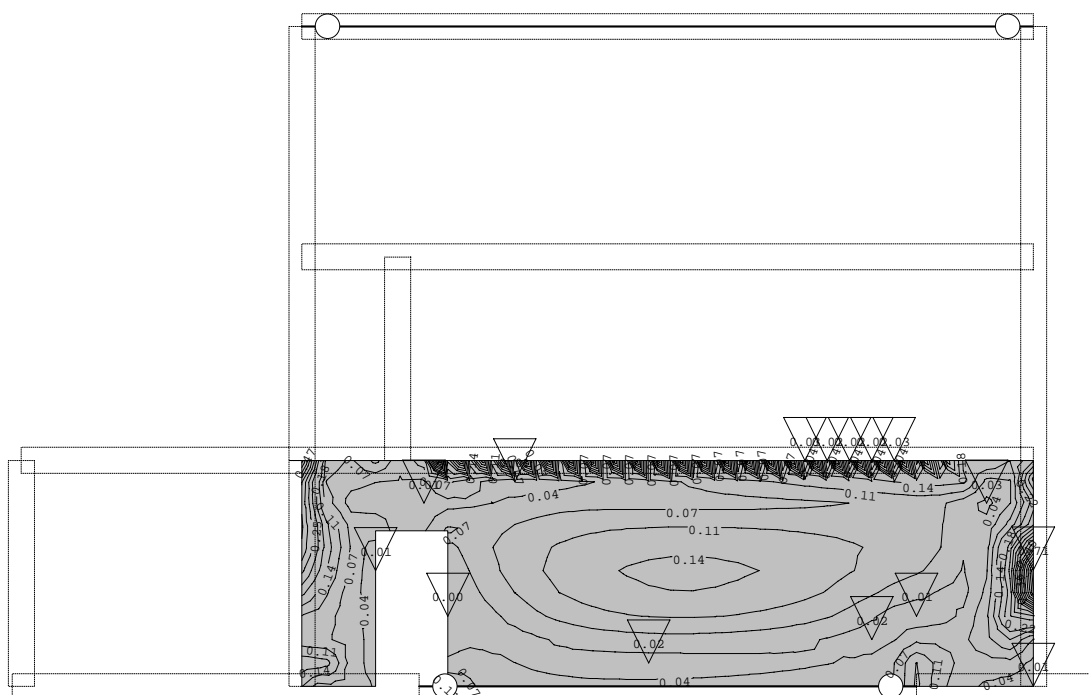
Obt. 10: sneg 1.36kN/m2



Okvir: V_4

Vplivi v plošči: max $M_y = 0.21$ / min $M_y = -0.02$ kNm/m

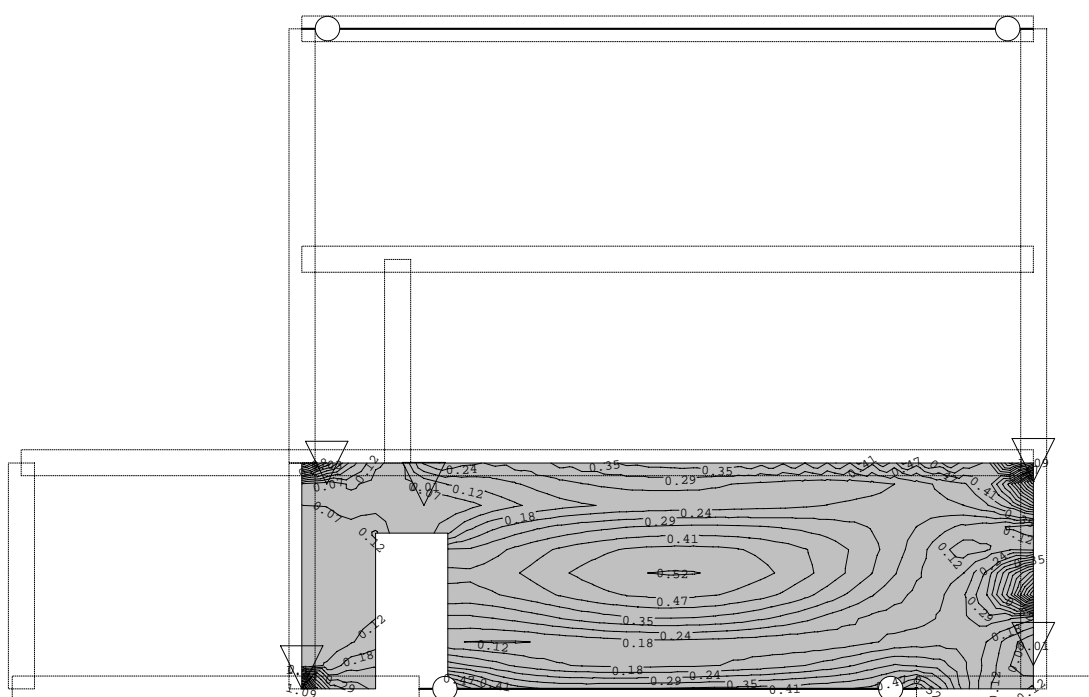
Obt. 11: px



Okvir: V_4

Vplivi v plošči: max $M_x = 0.71$ / min $M_x = 0.00$ kNm/m

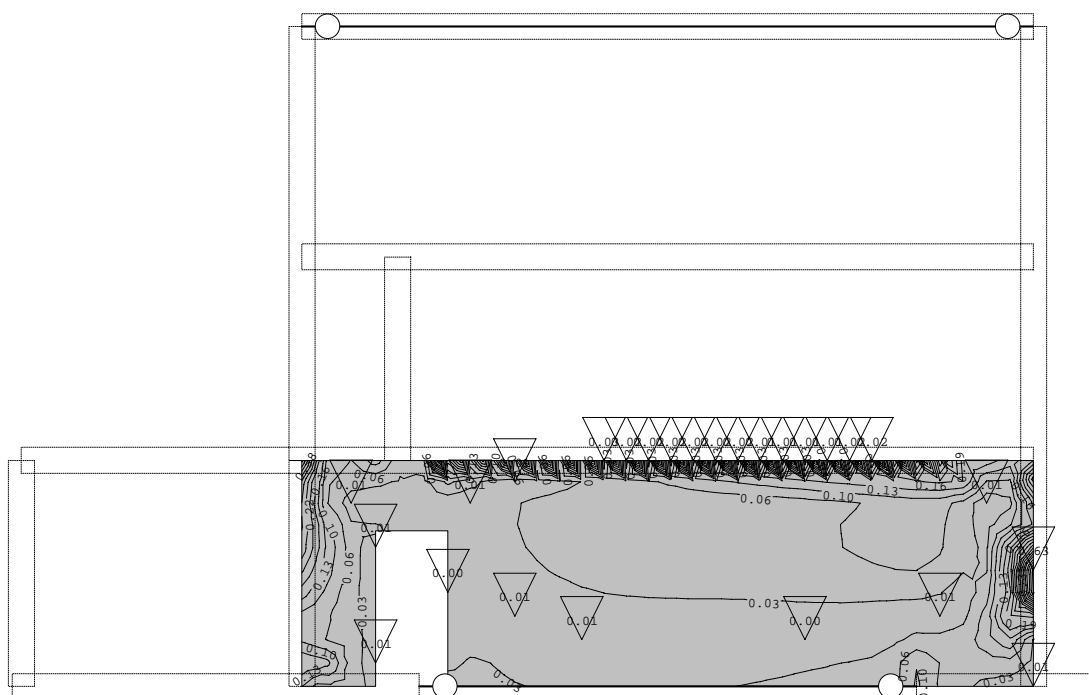
Obt. 11: px



Okvir: V_4

Vplivi v plošči: max $M_y = 1.14$ / min $M_y = 0.01$ kNm/m

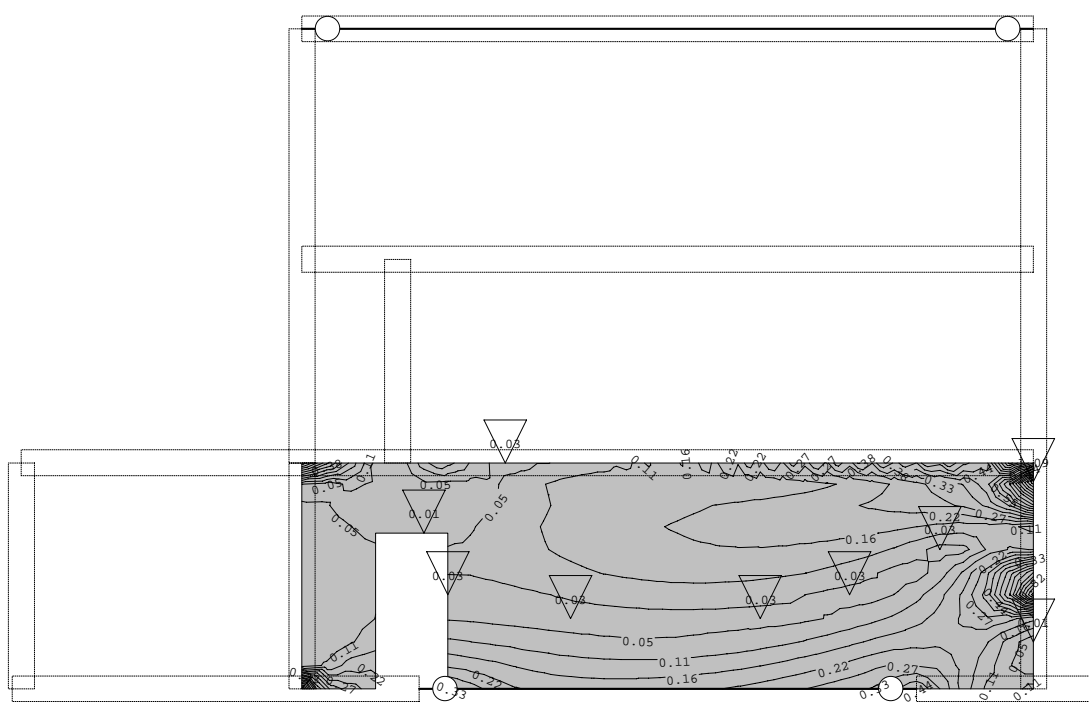
Obt. 12: py



Okvir: V_4

Vpliv v plošči: max $M_x = 0.63$ / min $M_x = 0.00$ kNm/m

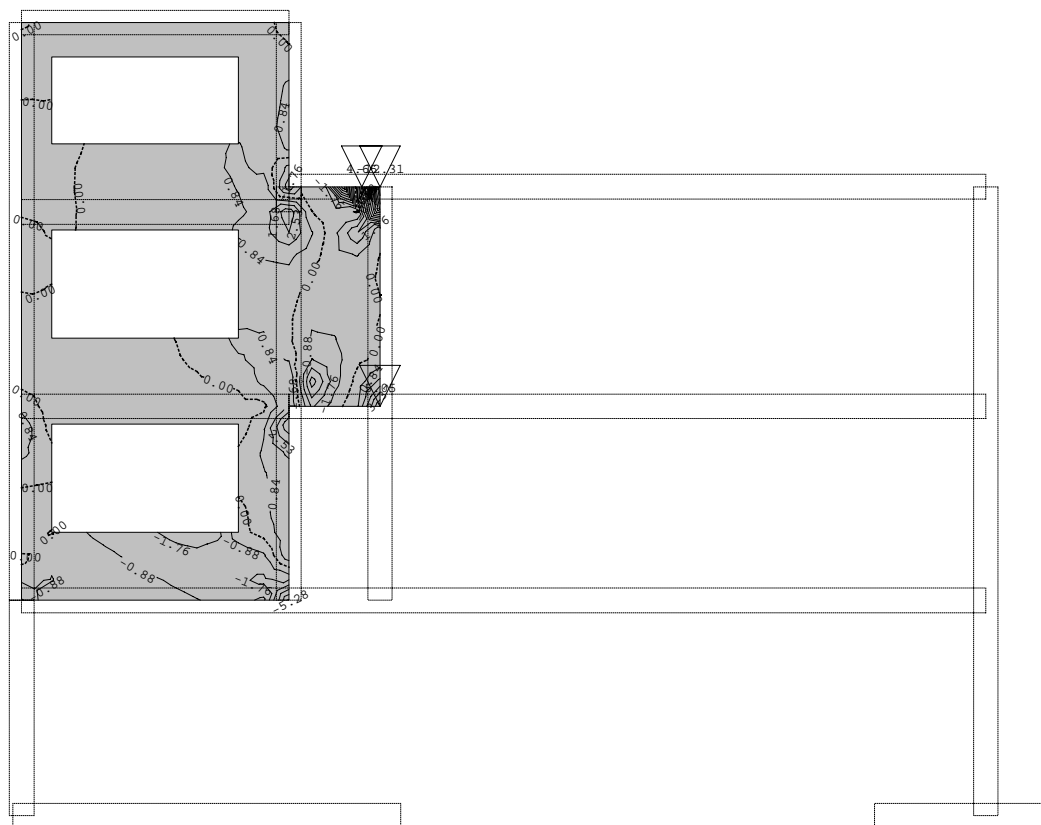
Obt. 12: py



Okvir: V_4

Vpliv v plošči: max $M_y = 1.09$ / min $M_y = 0.01$ kNm/m

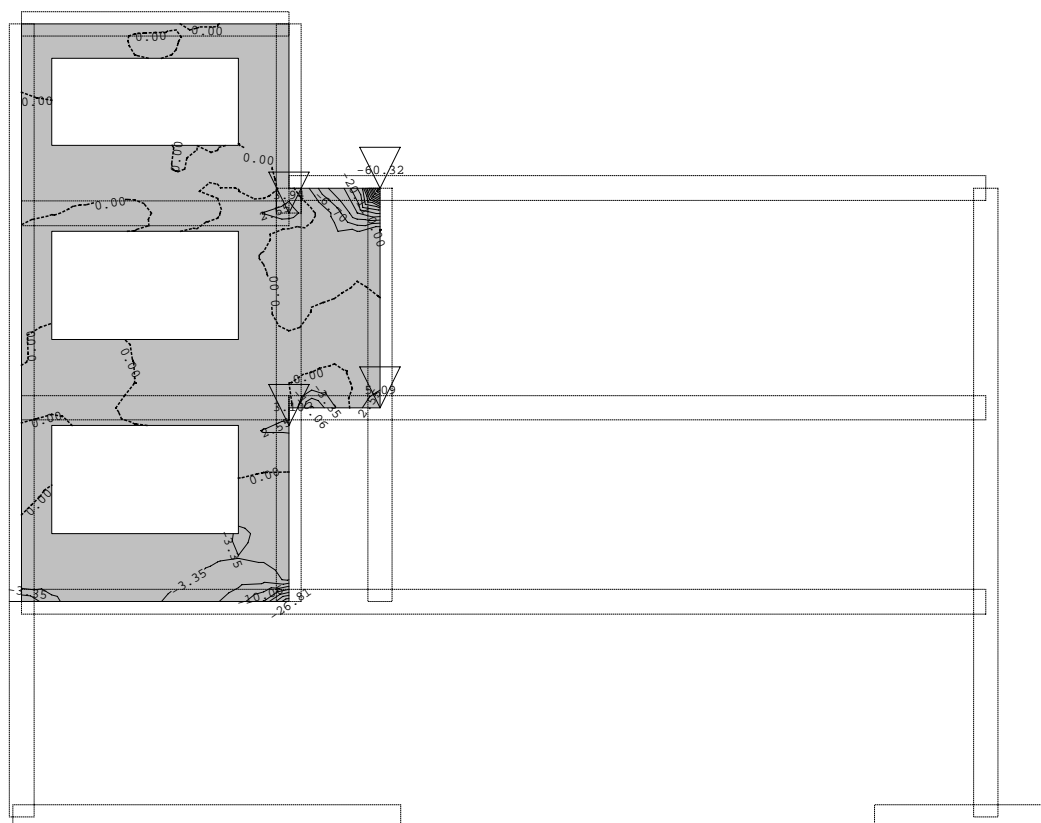
Obt. 1: lastna+stalna 1.7;2.9kN/m2 (g)



Okvir: V_5

Vplivi v plošči: max M_x = 5.05 / min M_x = -12.31 kNm/m

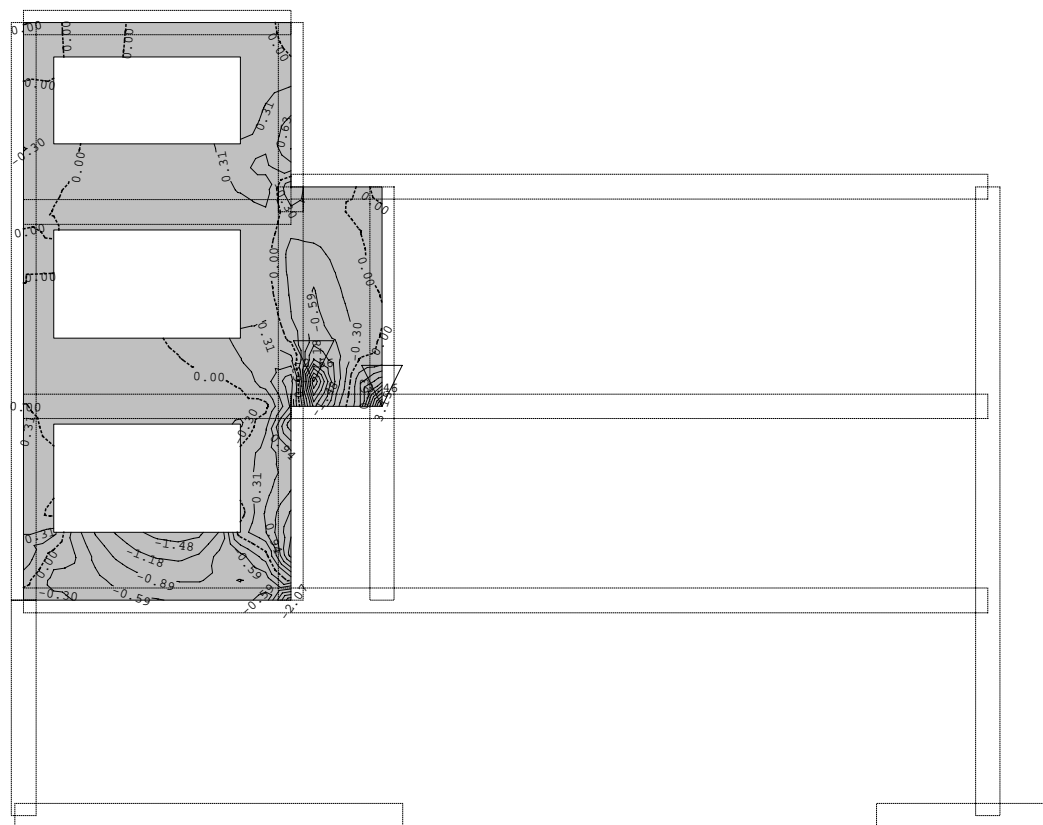
Obt. 1: lastna+stalna 1.7;2.9kN/m2 (g)



Okvir: V_5

Vplivi v plošči: max M_y = 5.09 / min M_y = -60.32 kNm/m

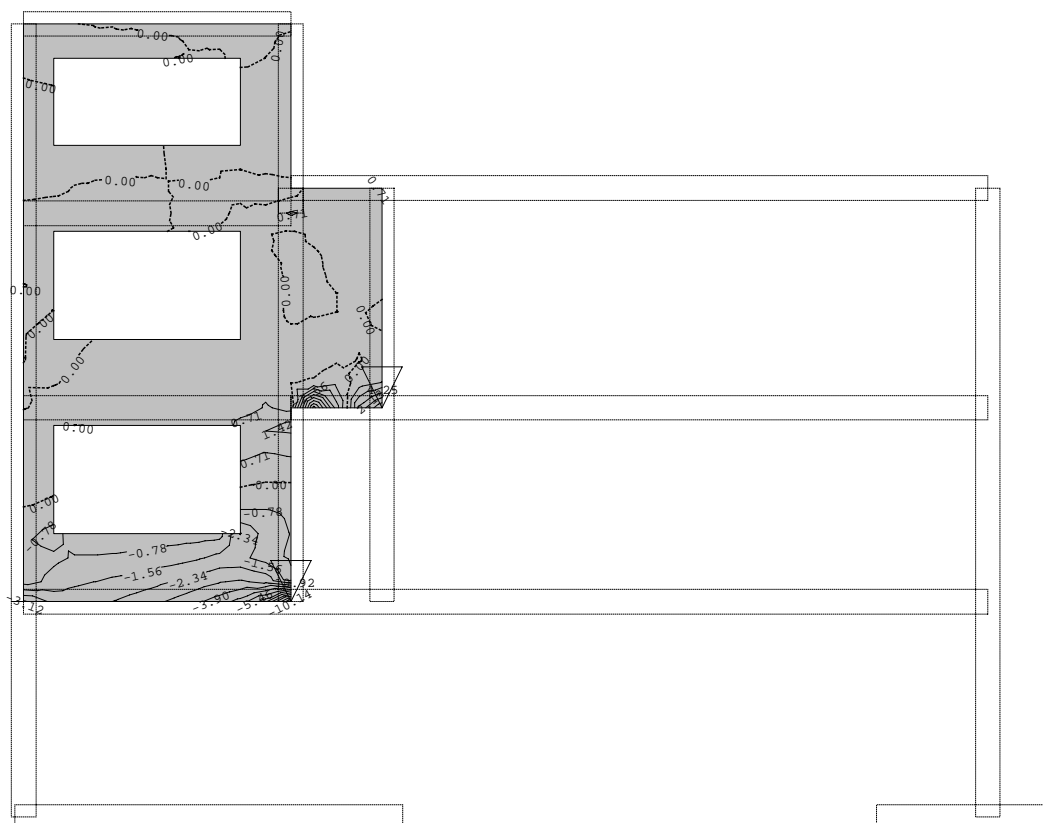
Obt. 2: 1.koristna 4 ; 6kN/m2



Okvir: V_5

Vplivi v plošči: max $M_x = 3.46$ / min $M_x = -2.66$ kNm/m

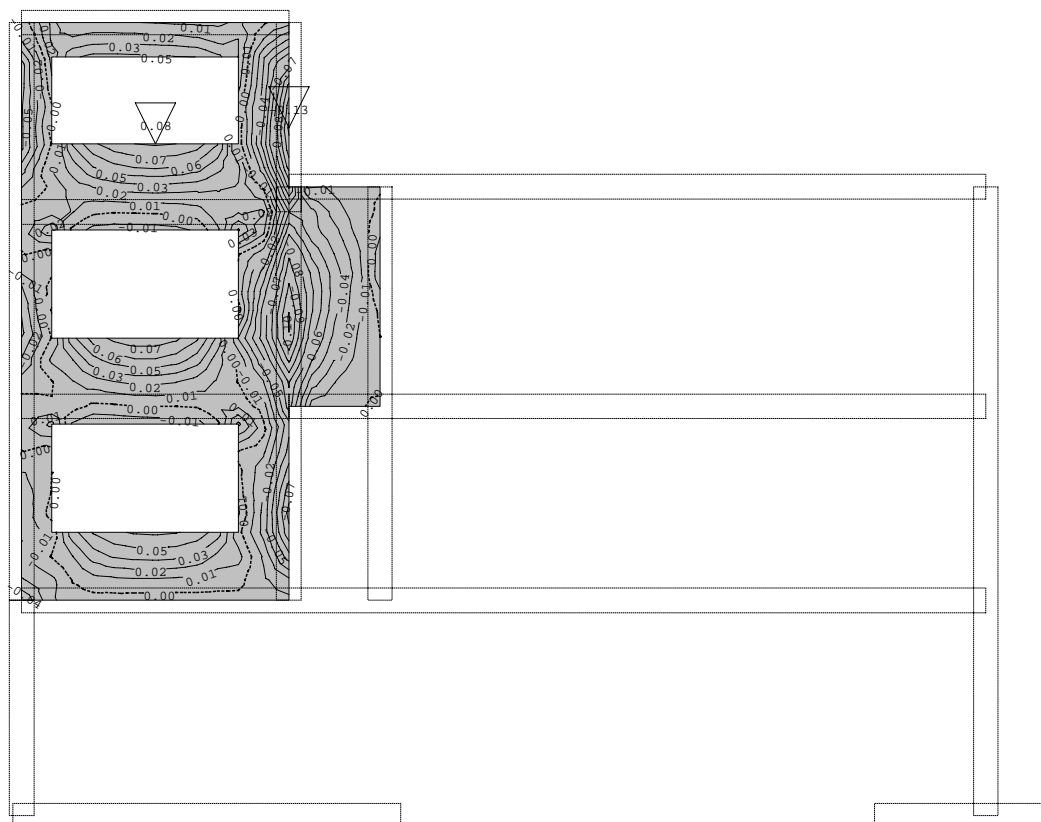
Obt. 2: 1.koristna 4 ; 6kN/m2



Okvir: V_5

Vplivi v plošči: max $M_y = 4.25$ / min $M_y = -10.92$ kNm/m

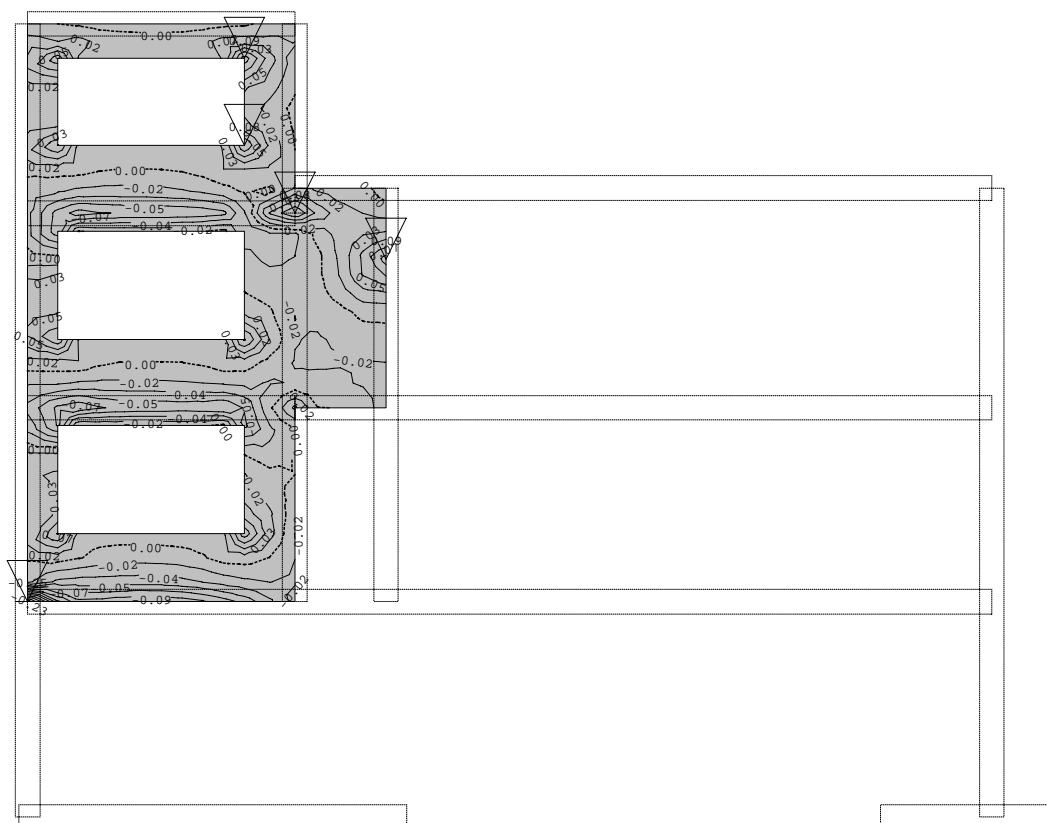
Obt. 6: veter +x



Okvir: V_5

Vplivi v plošči: max $M_x = 0.08$ / min $M_x = -0.13$ kNm/m

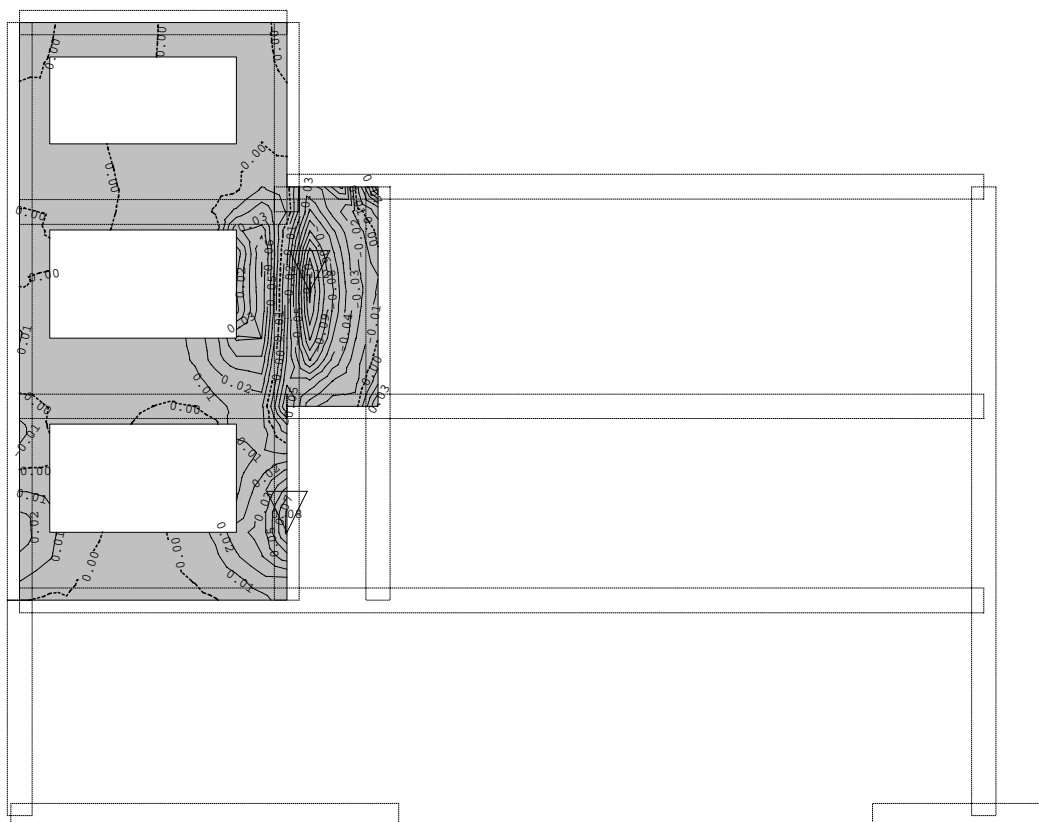
Obt. 6: veter +x



Okvir: V_5

Vplivi v plošči: max $M_y = 0.09$ / min $M_y = -0.25$ kNm/m

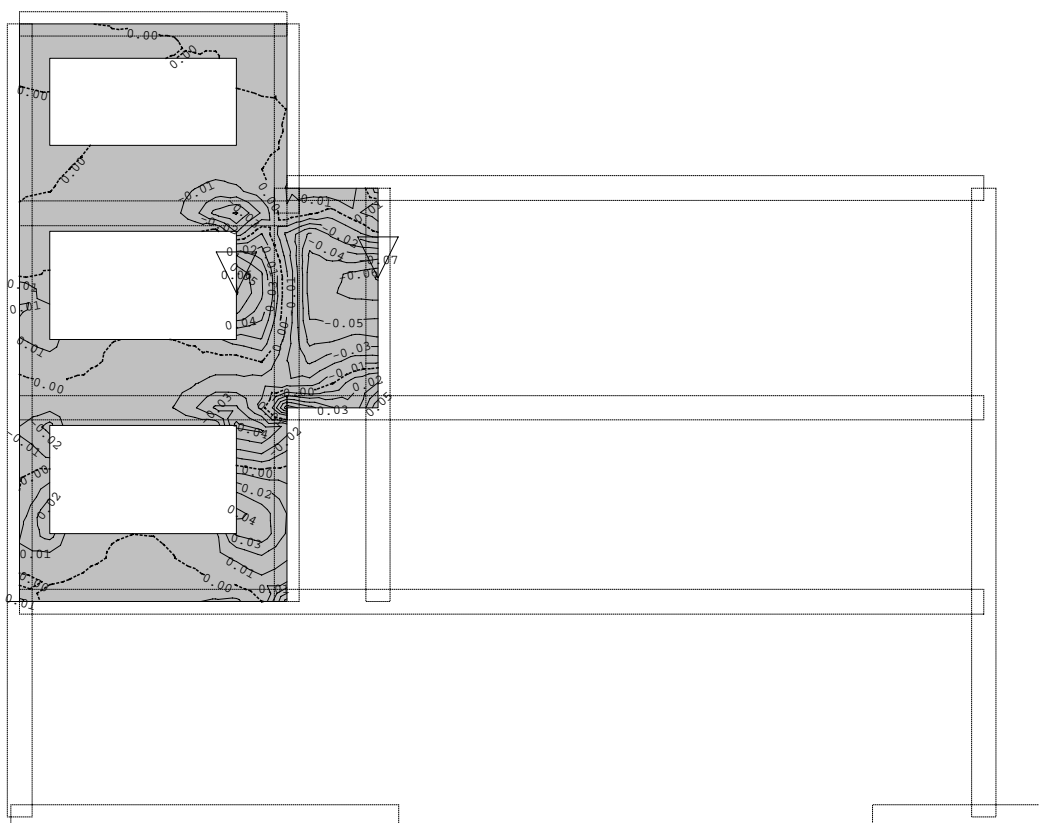
Obt. 8: veter +y



Okvir: V_5

Vplivi v plošči: max Mx= 0.08 / min Mx= -0.12 kNm/m

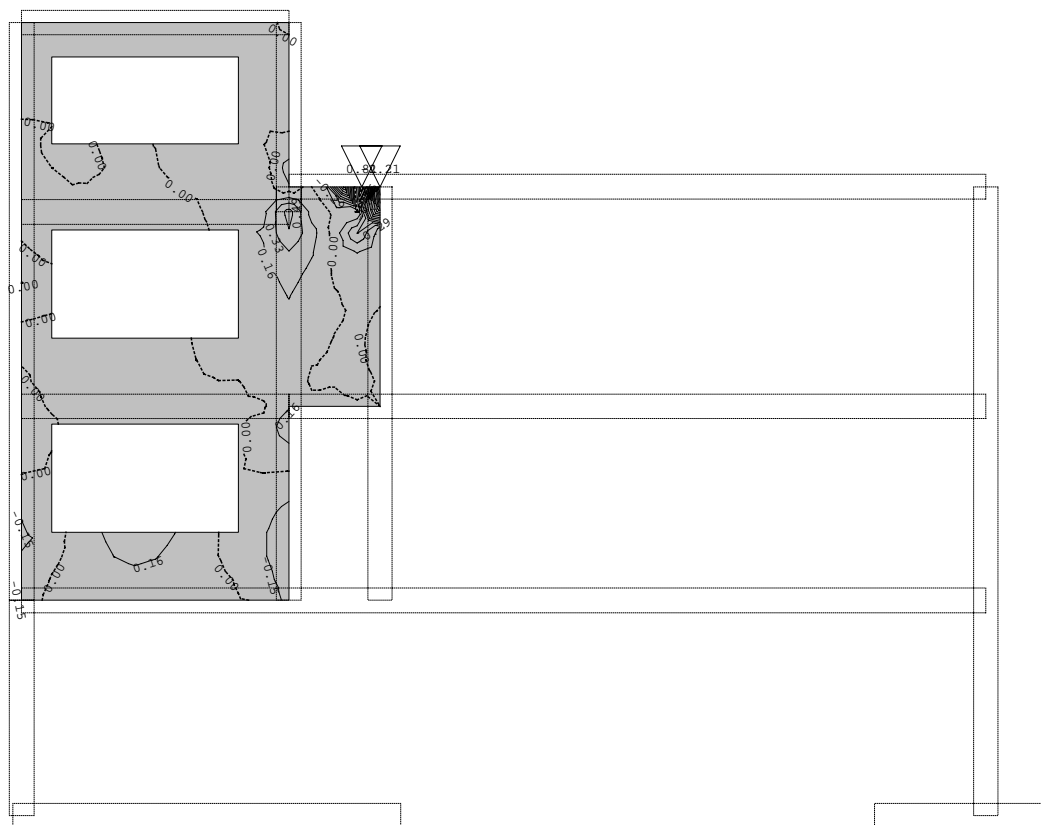
Obt. 8: veter +y



Okvir: V_5

Vplivi v plošči: max My= 0.06 / min My= -0.07 kNm/m

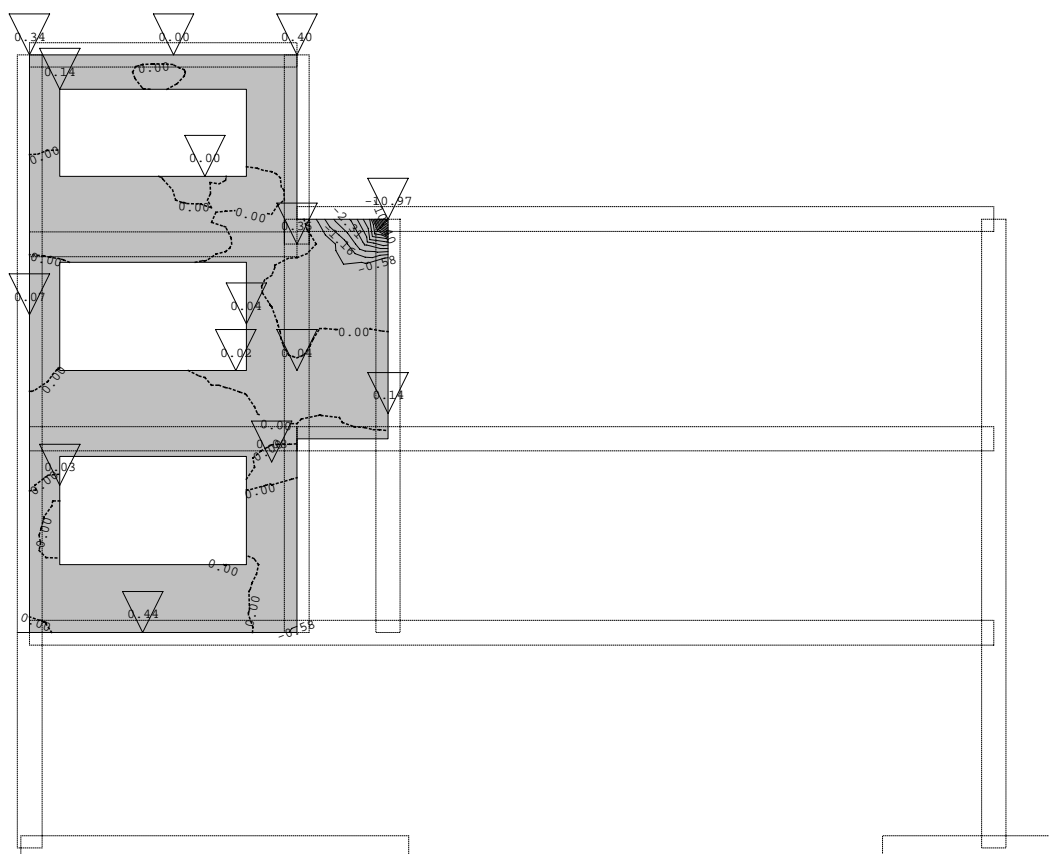
Obt. 10: sneg 1.36kN/m²



Okvir: V_5

Vplivi v plošči: max $M_x = 0.81$ / min $M_x = -2.21$ kNm/m

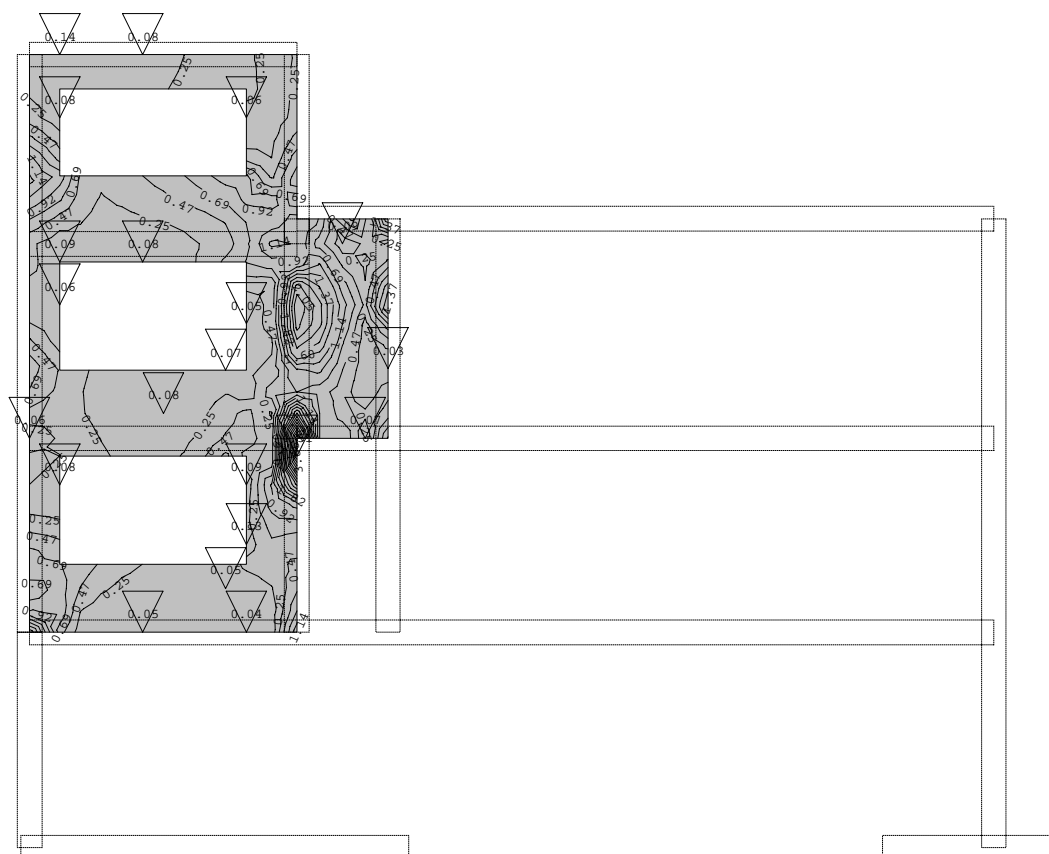
Obt. 10: sneg 1.36kN/m²



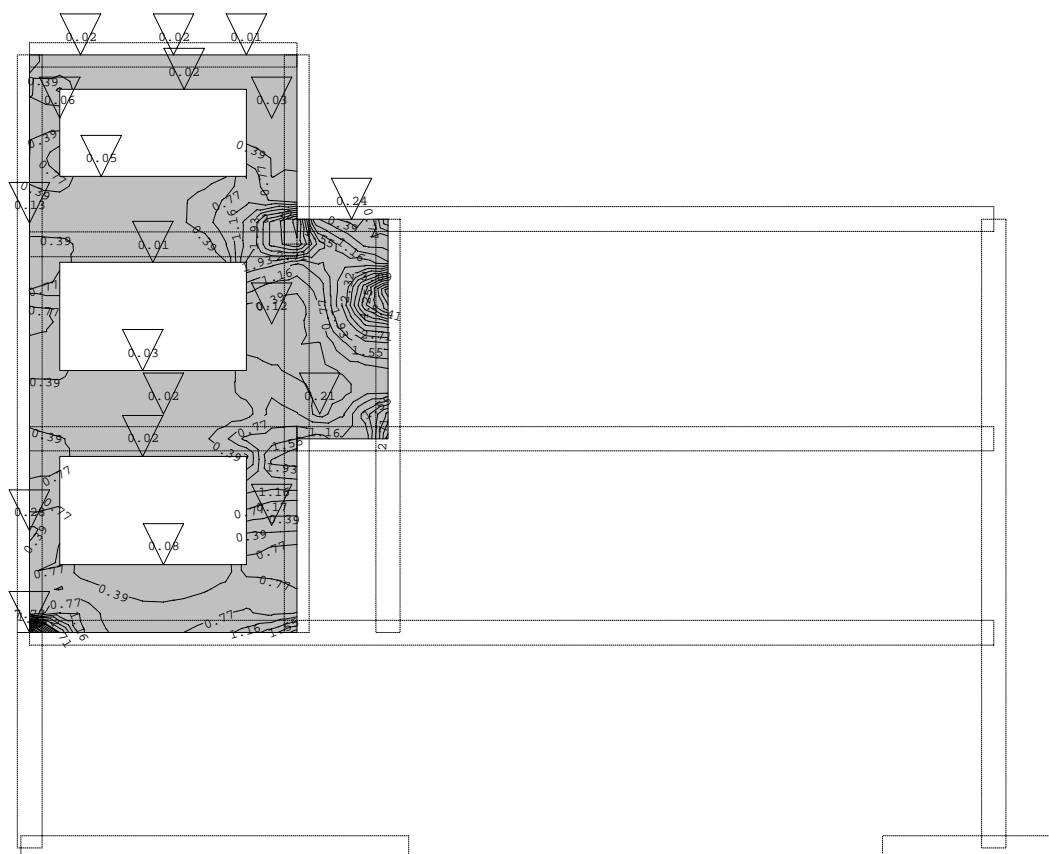
Okvir: V_5

Vplivi v plošči: max $M_y = 0.44$ / min $M_y = -10.97$ kNm/m

Obt. 11: px

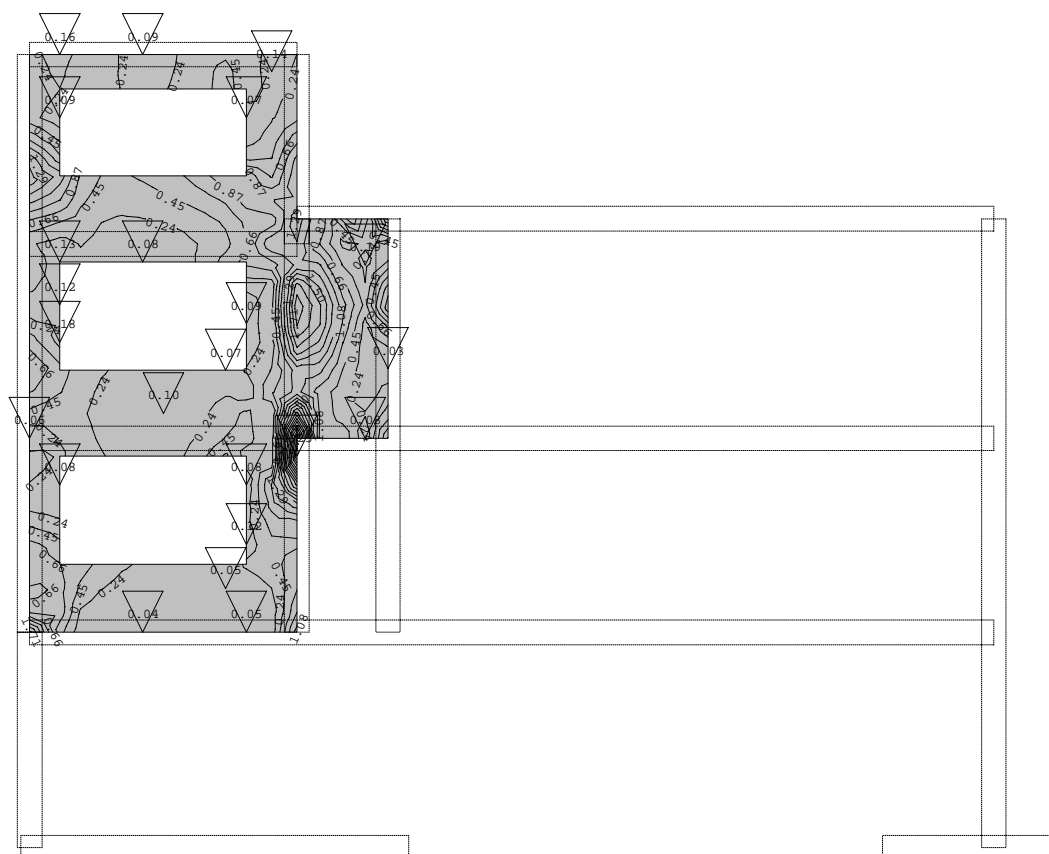


Okvir: V_5
 Vplivi v plošči: max Mx= 4.51 / min Mx= 0.03 kNm/m
 Obt. 11: px

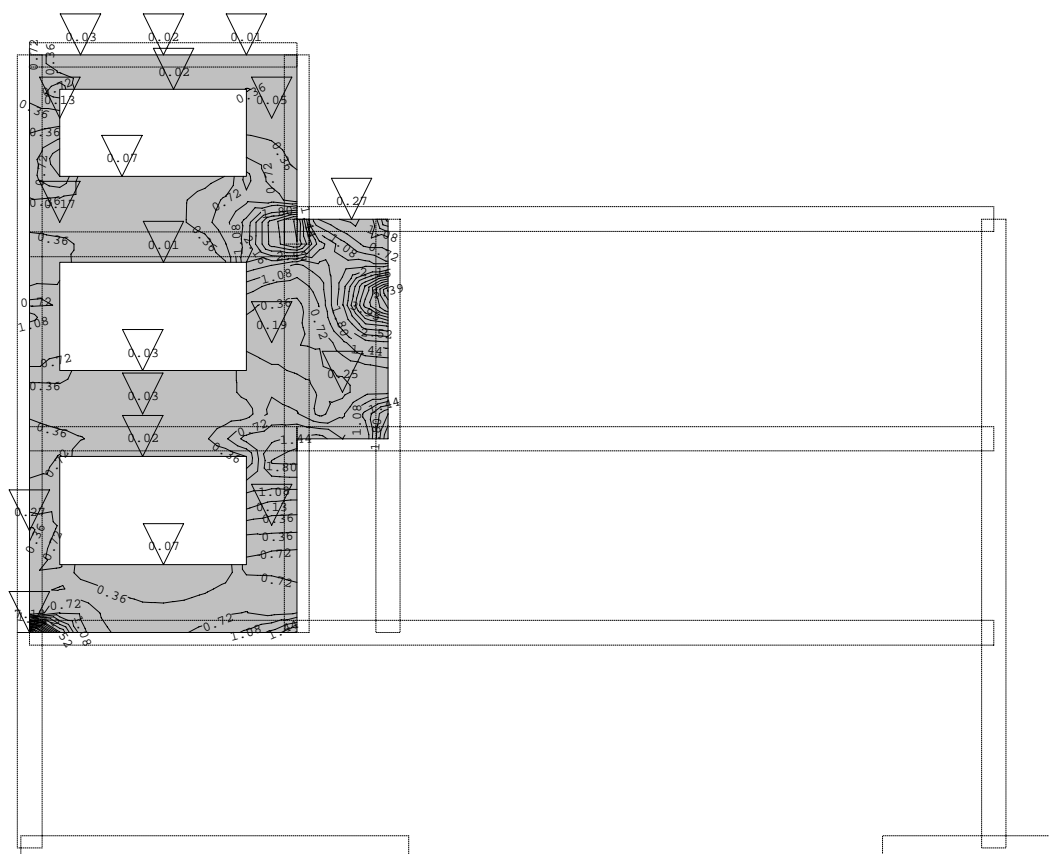


Okvir: V_5
 Vplivi v plošči: max My= 7.72 / min My= 0.01 kNm/m

Obt. 12: py

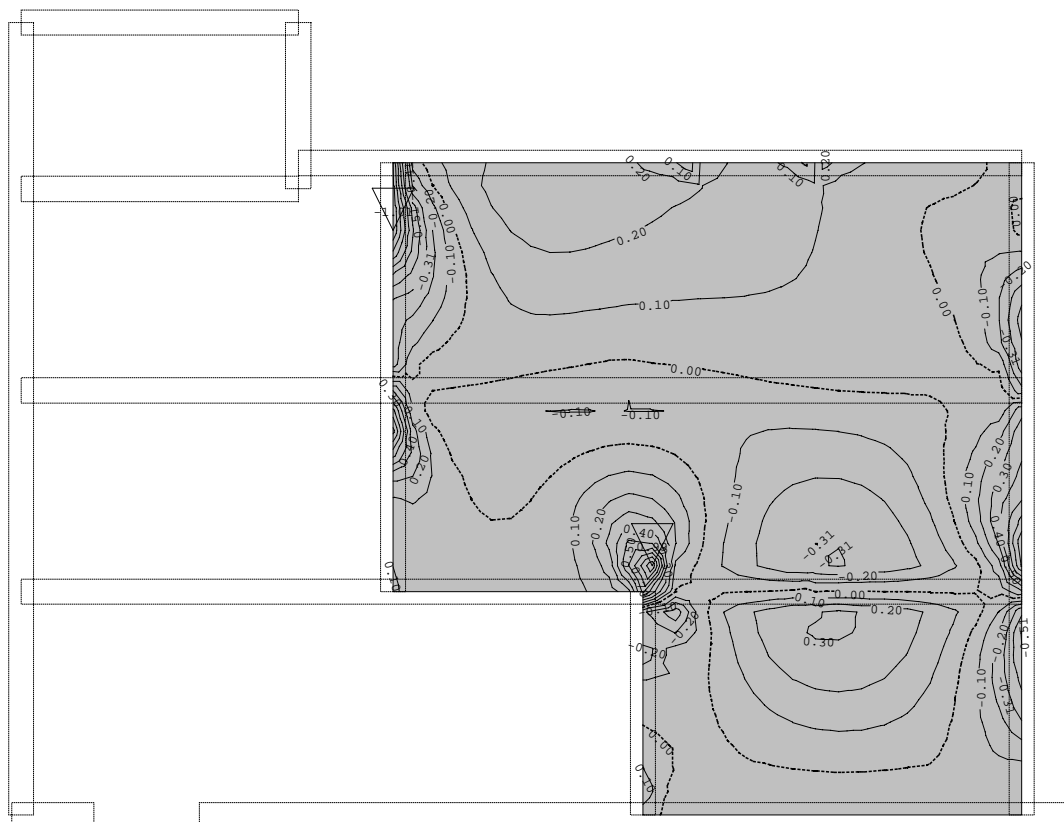


Okvir: V_5
Vplivi v plošči: max $M_x = 4.23$ / min $M_x = 0.03$ kNm/m
Obt. 12: py



Okvir: V_5
Vplivi v plošči: max $M_y = 7.18$ / min $M_y = 0.01$ kNm/m

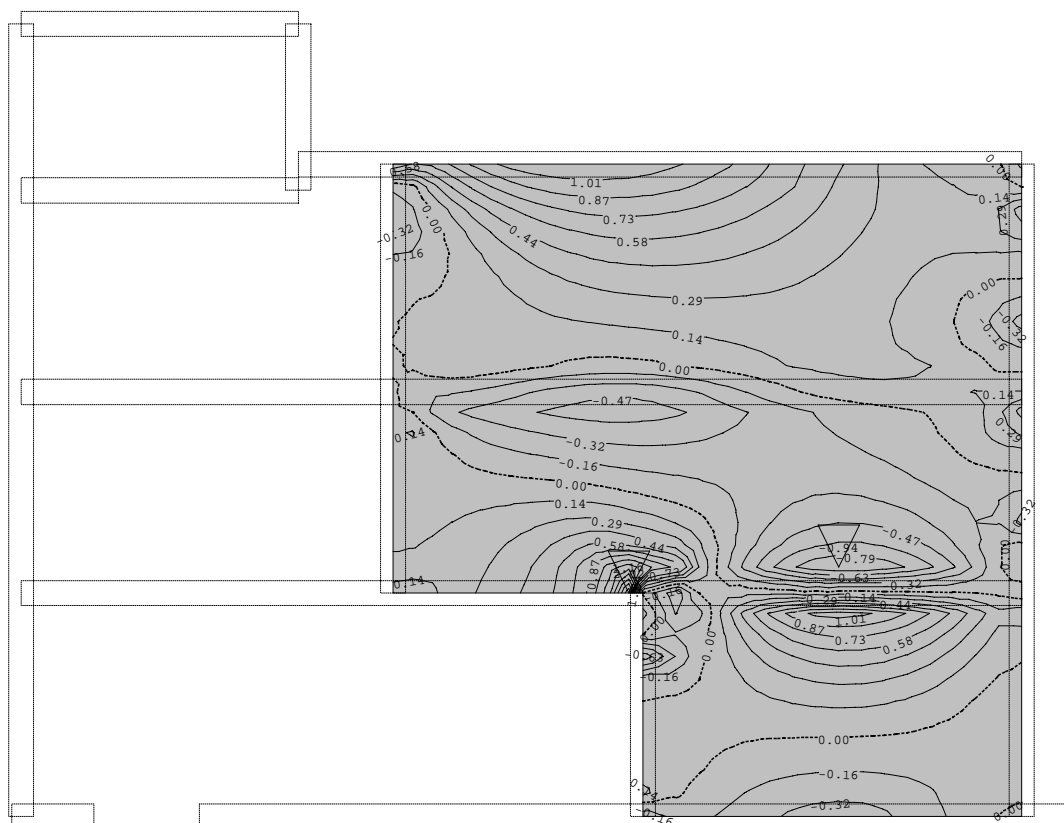
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: V_6

Vplivi v plošči: max M_x = 0.99 / min M_x = -1.01 kNm/m

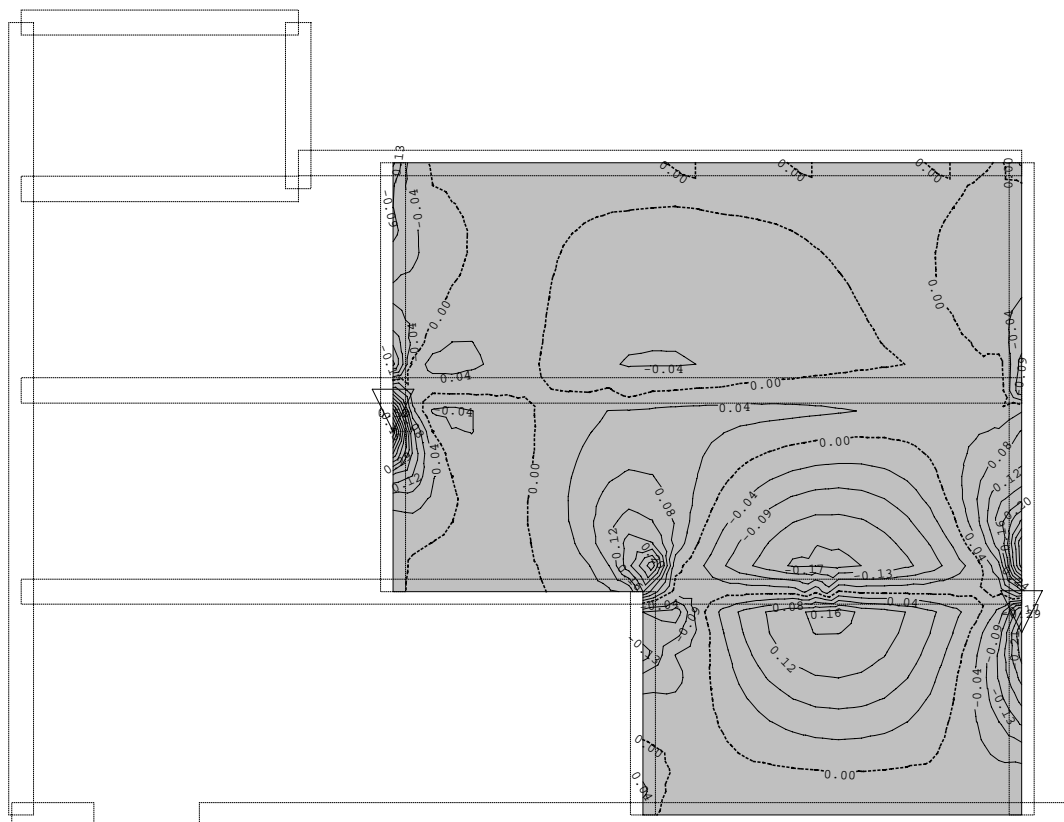
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: V_6

Vplivi v plošči: max M_y = 2.02 / min M_y = -0.94 kNm/m

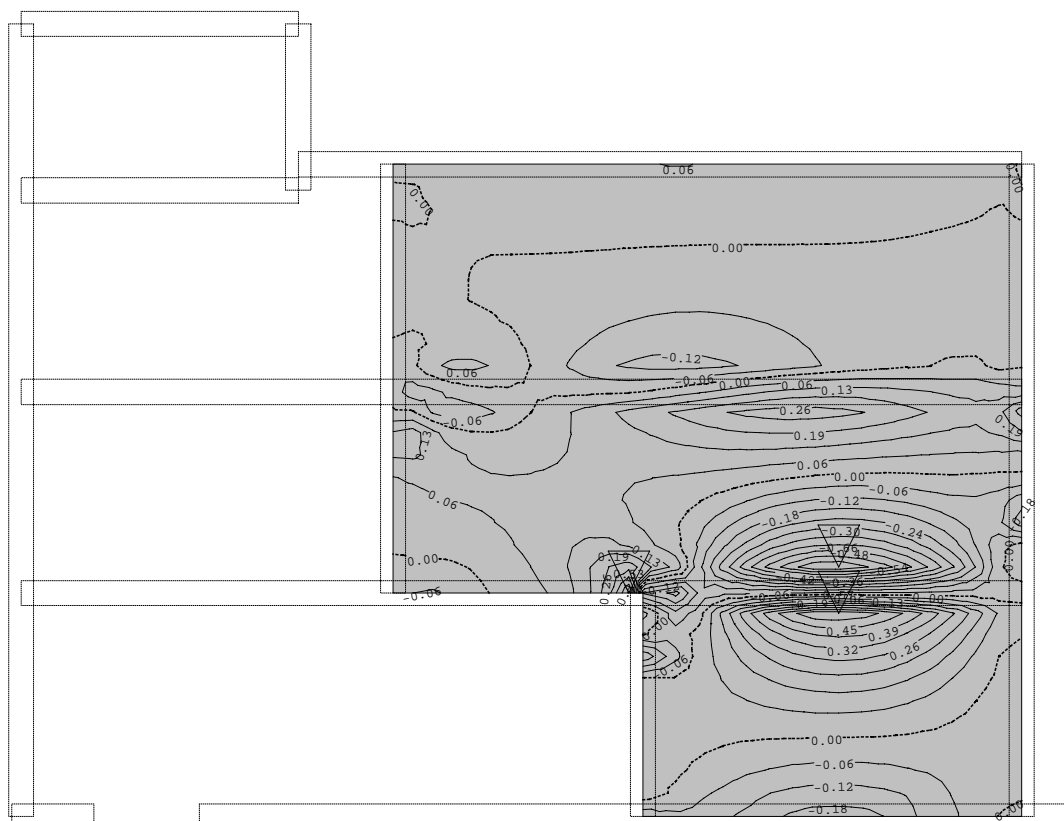
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: V_6

Vplivi v plošči: max M_x = 0.52 / min M_x = -0.29 kNm/m

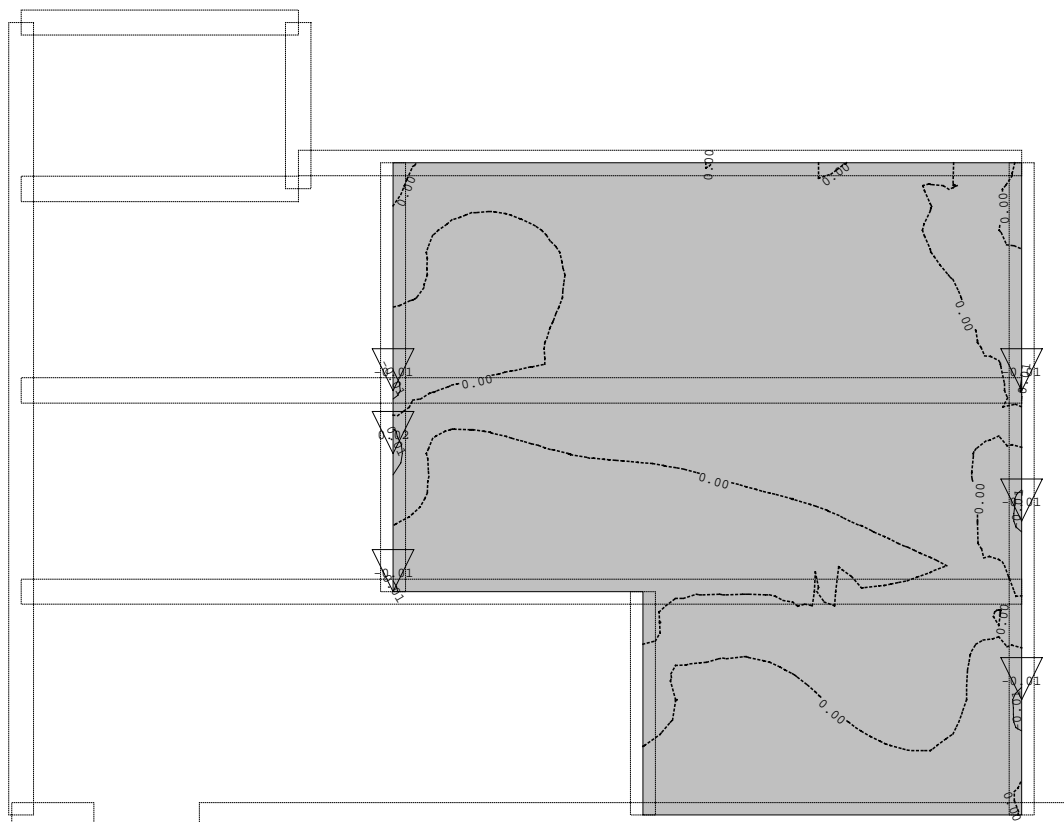
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: V_6

Vplivi v plošči: max M_y = 0.57 / min M_y = -0.66 kNm/m

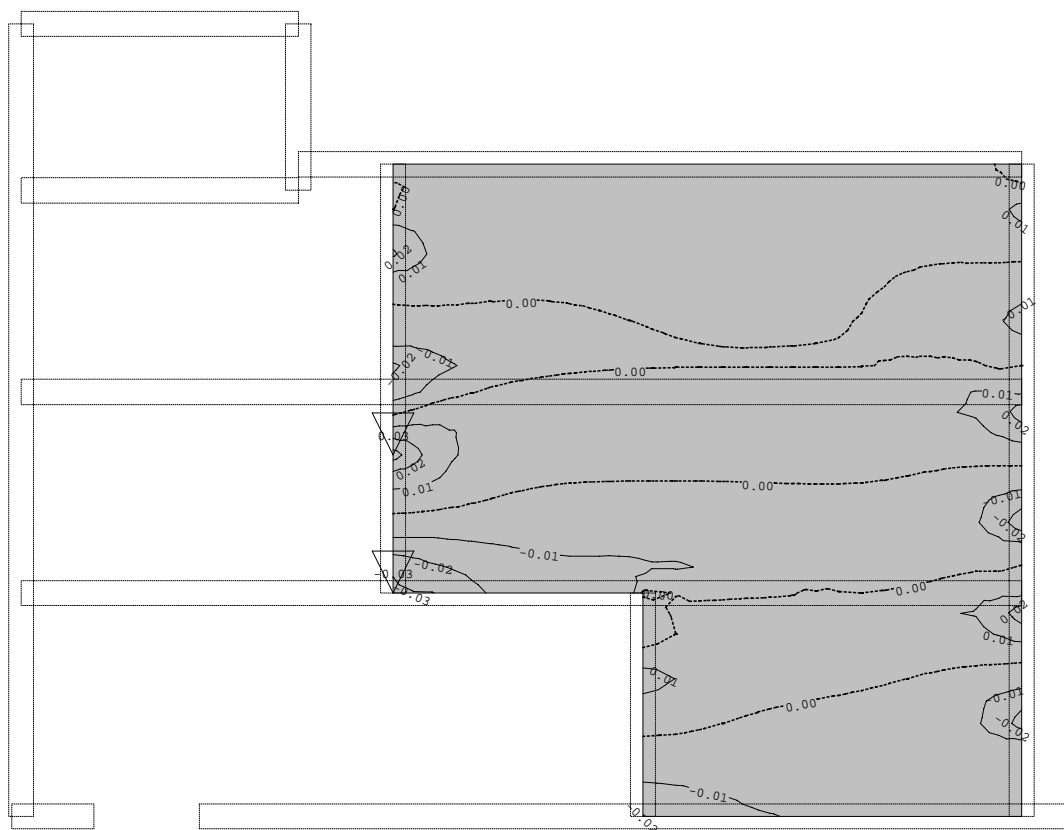
Obt. 6: veter +x



Okvir: V_6

Vplivi v plošči: max $M_x = 0.02$ / min $M_x = -0.01$ kNm/m

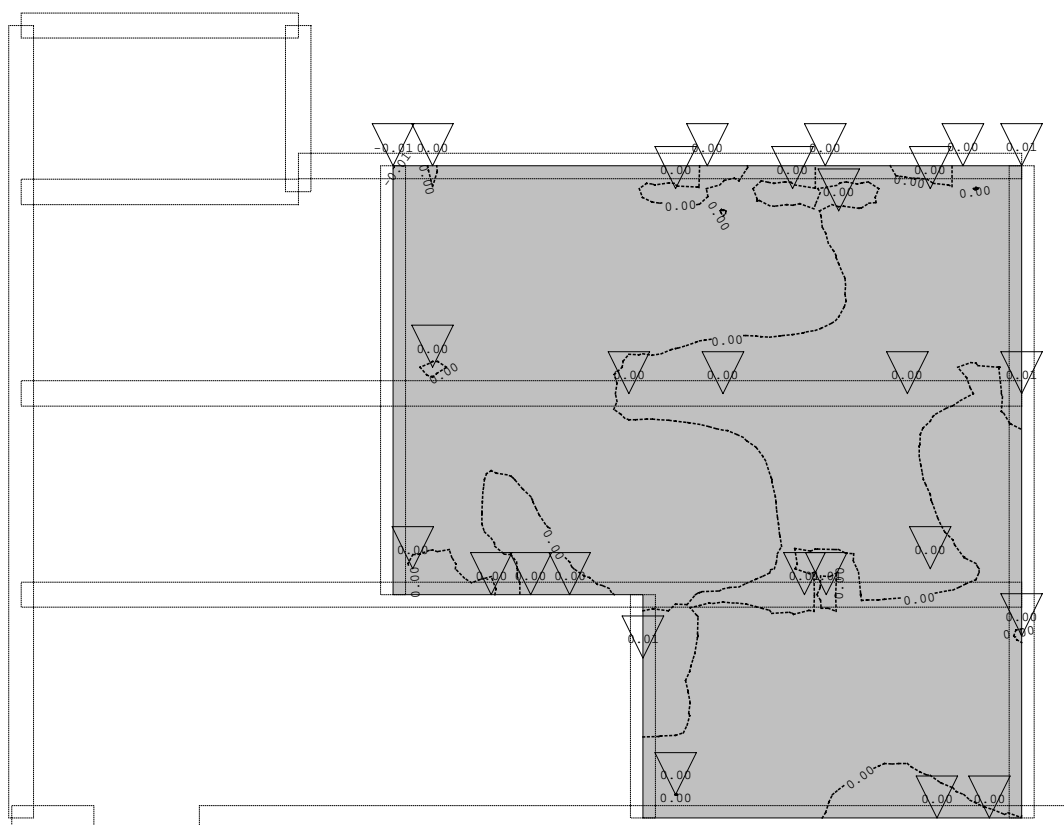
Obt. 6: veter +x



Okvir: V_6

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

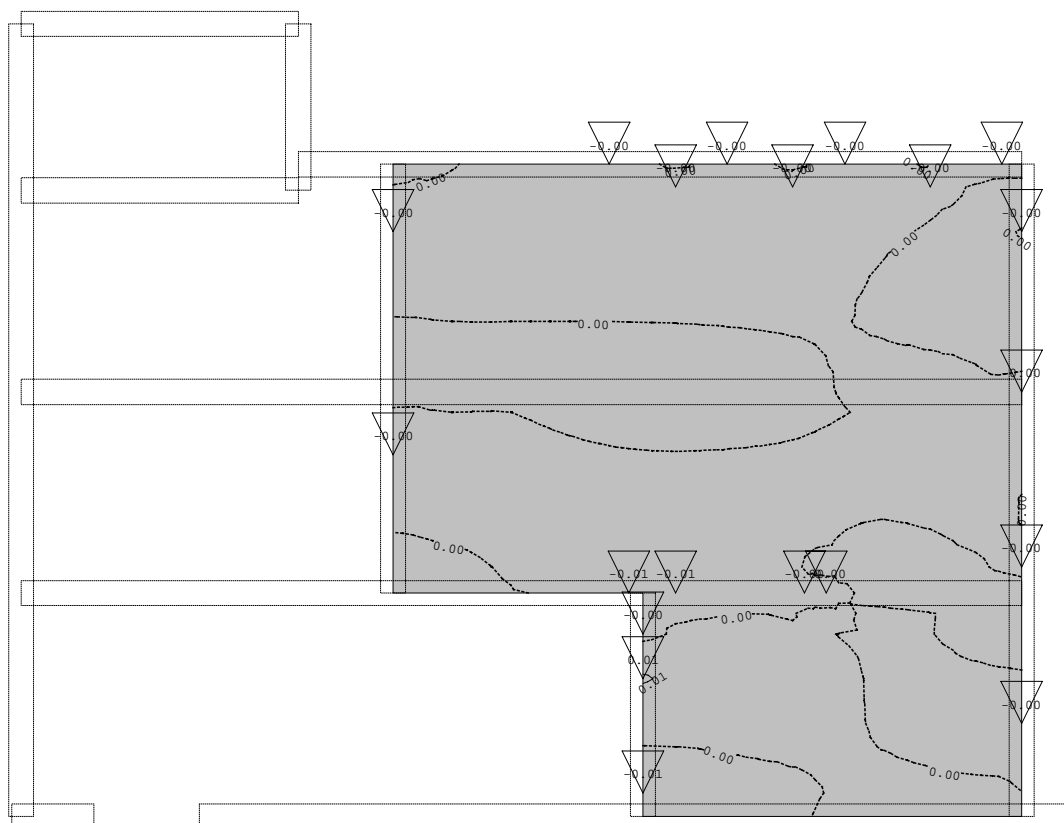
Obt. 8: veter +y



Okvir: V_6

Vplivi v plošči: max $M_x = 0.01$ / min $M_x = -0.01$ kNm/m

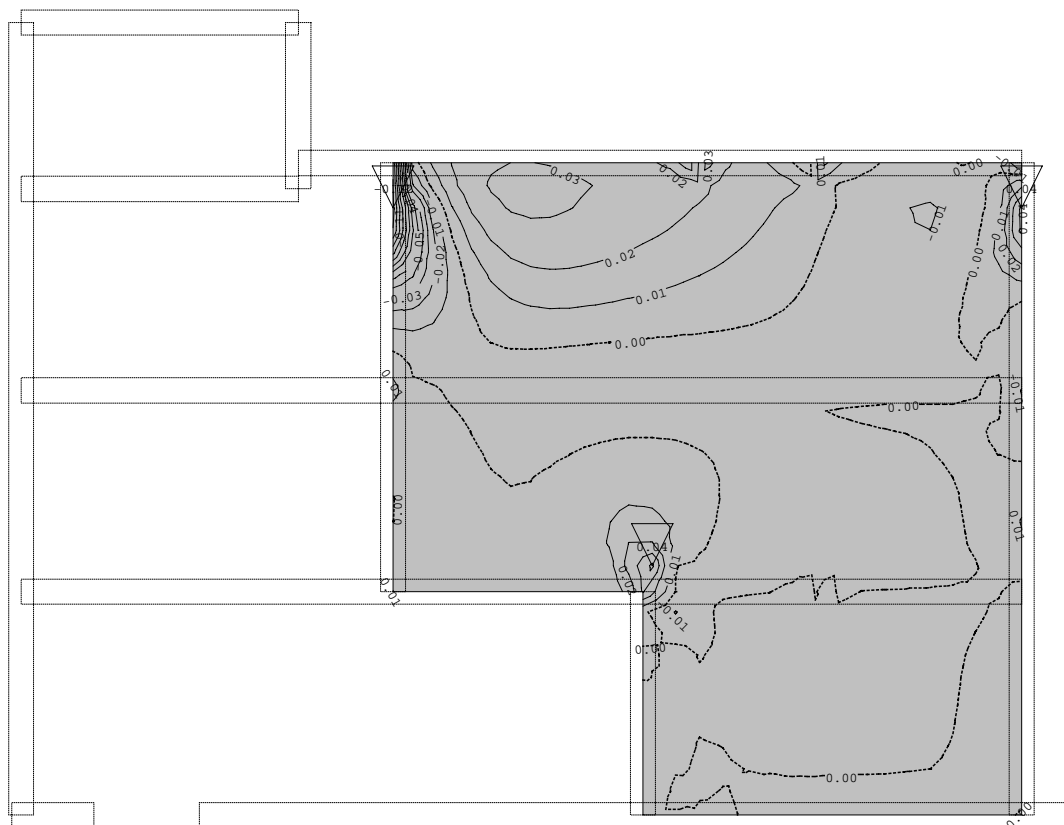
Obt. 8: veter +y



Okvir: V_6

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

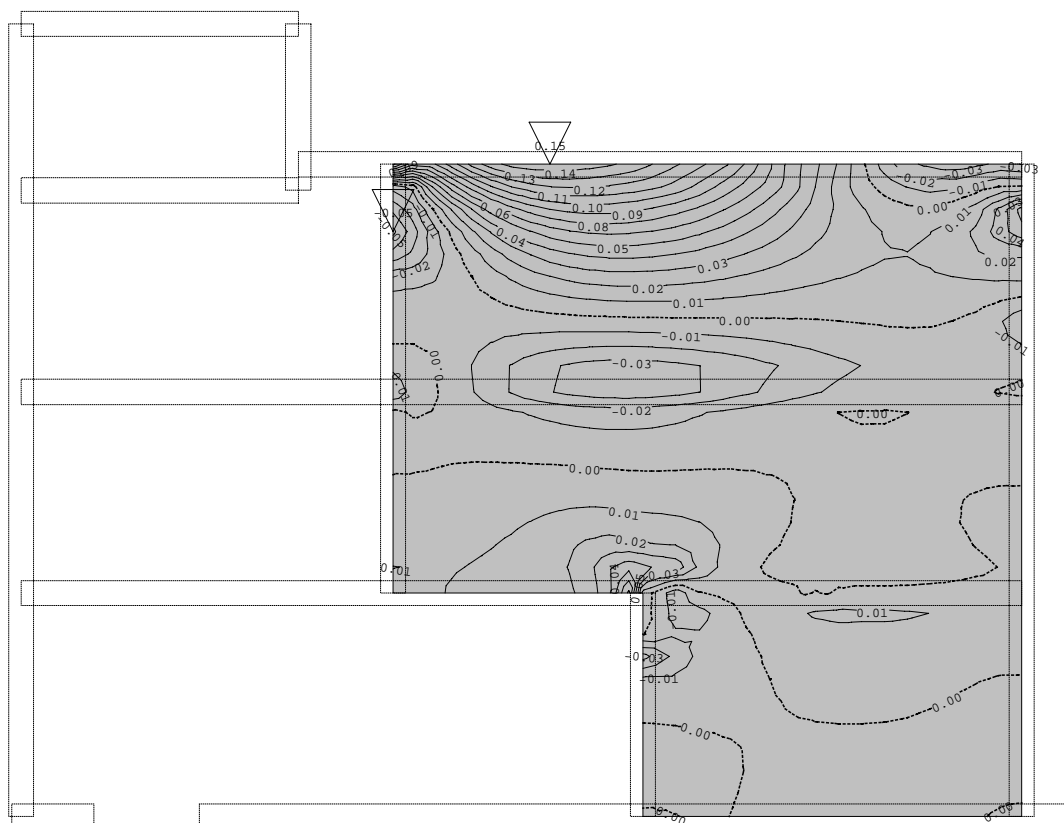
Obt. 10: sneg 1.36kN/m²



Okvir: V_6

Vplivi v plošči: max $M_x = 0.04$ / min $M_x = -0.12$ kNm/m

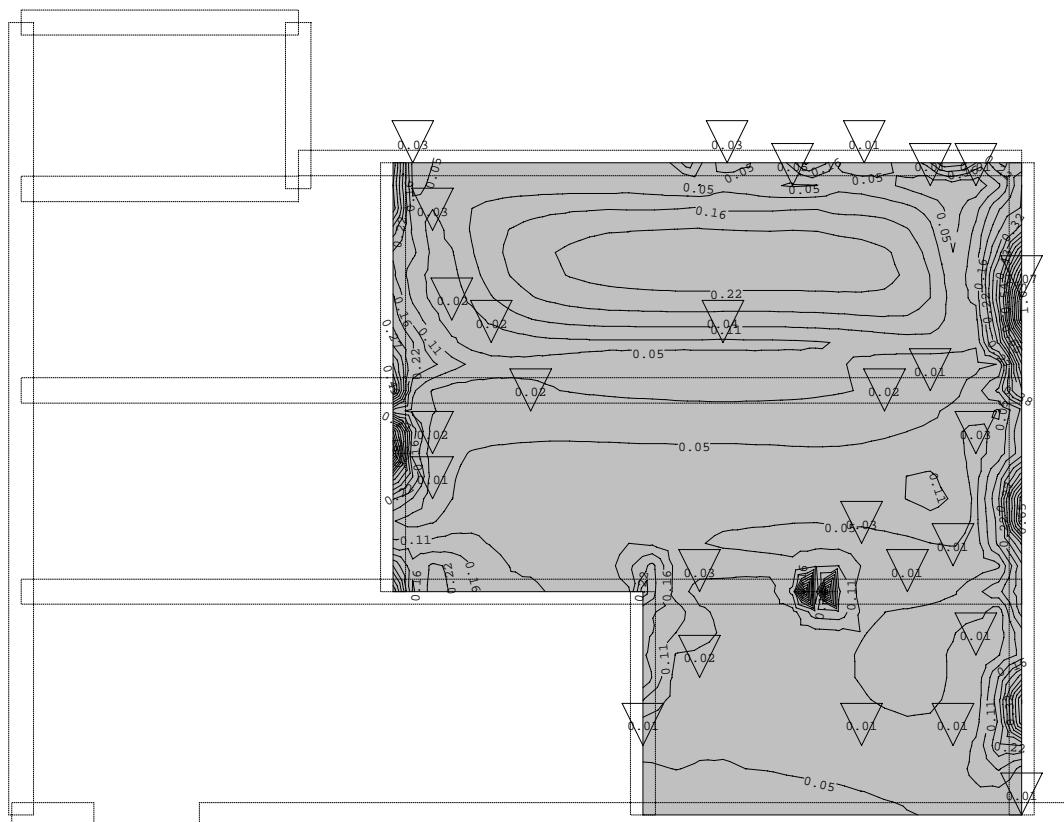
Obt. 10: sneg 1.36kN/m²



Okvir: V_6

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

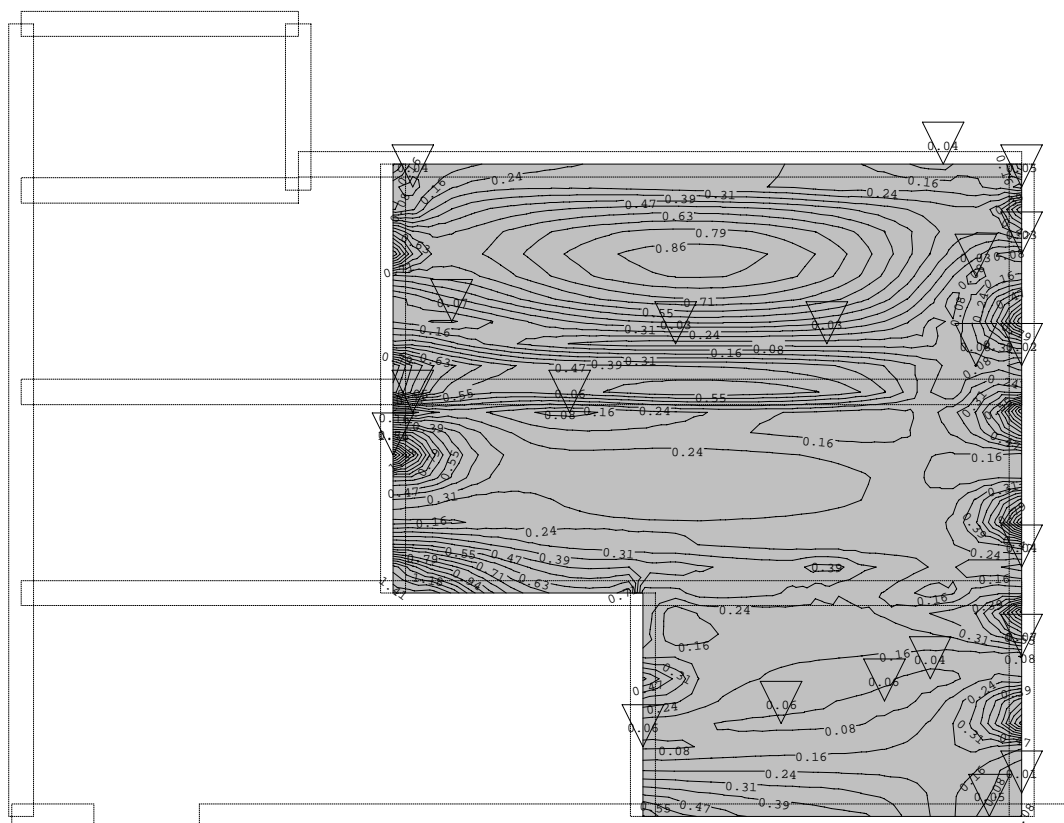
Obt. 11: px



Okvir: V_6

Vplivi v plošči: max Mx= 1.07 / min Mx= 0.01 kNm/m

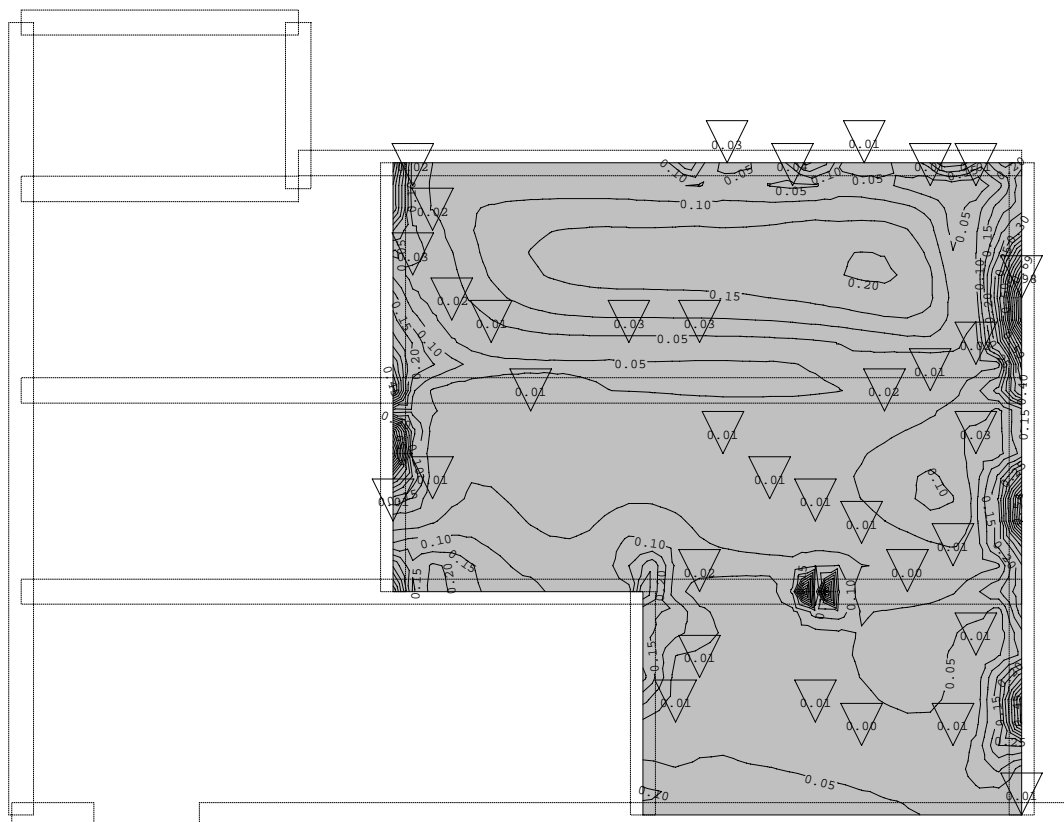
Obt. 11: px



Okvir: V_6

Vplivi v plošči: max My= 1.56 / min My= 0.01 kNm/m

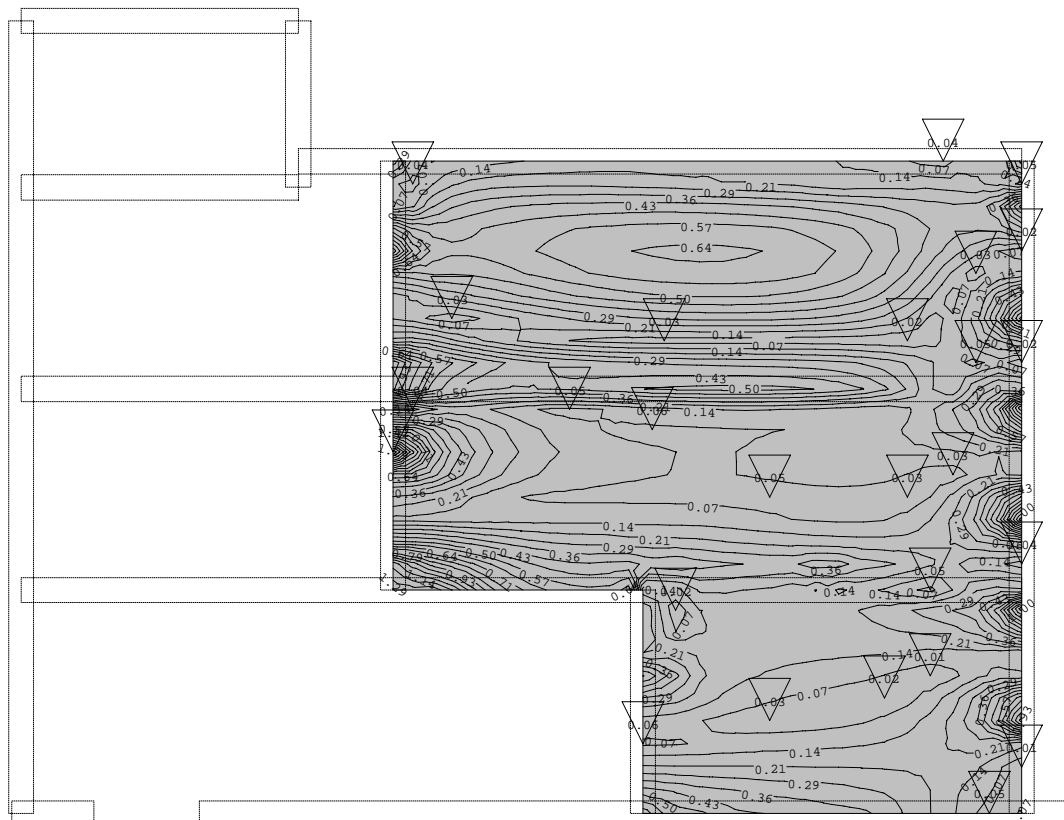
Obt. 12: py



Okvir: V_6

Vplivi v plošči: max $M_x = 0.98$ / min $M_x = 0.00$ kNm/m

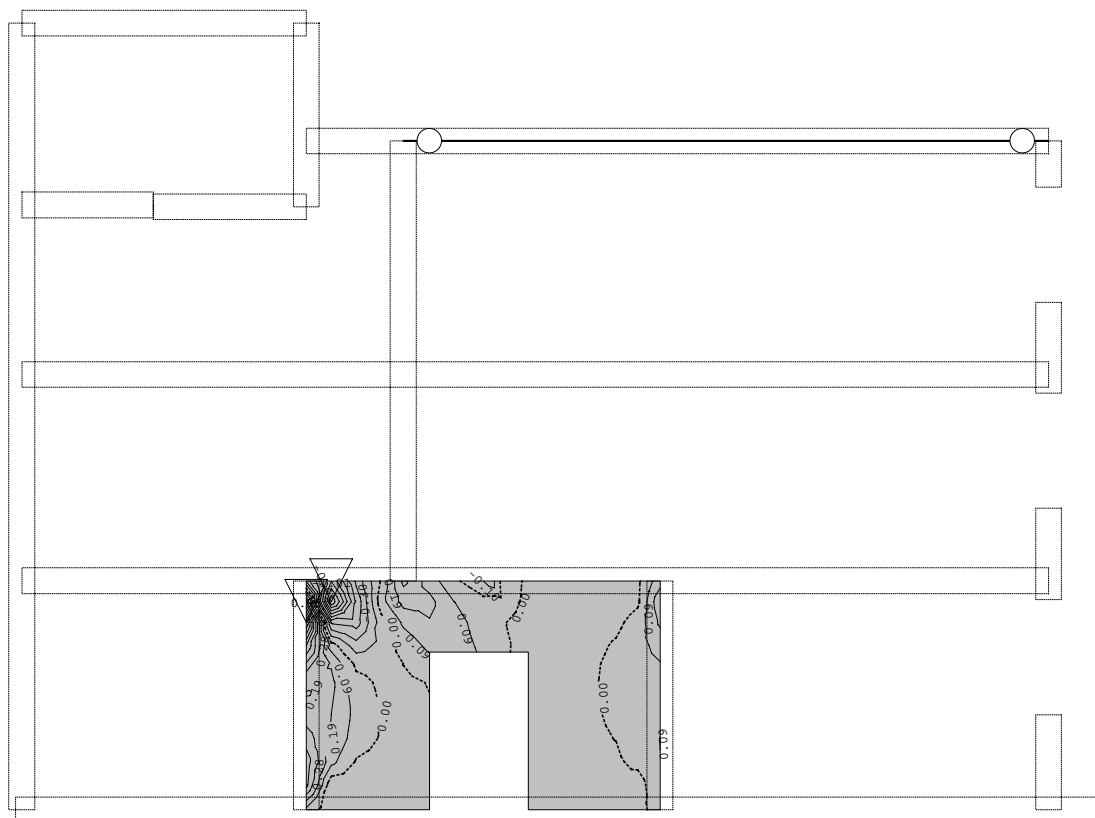
Obt. 12: py



Okvir: V_6

Vplivi v plošči: max $M_y = 1.42$ / min $M_y = 0.01$ kNm/m

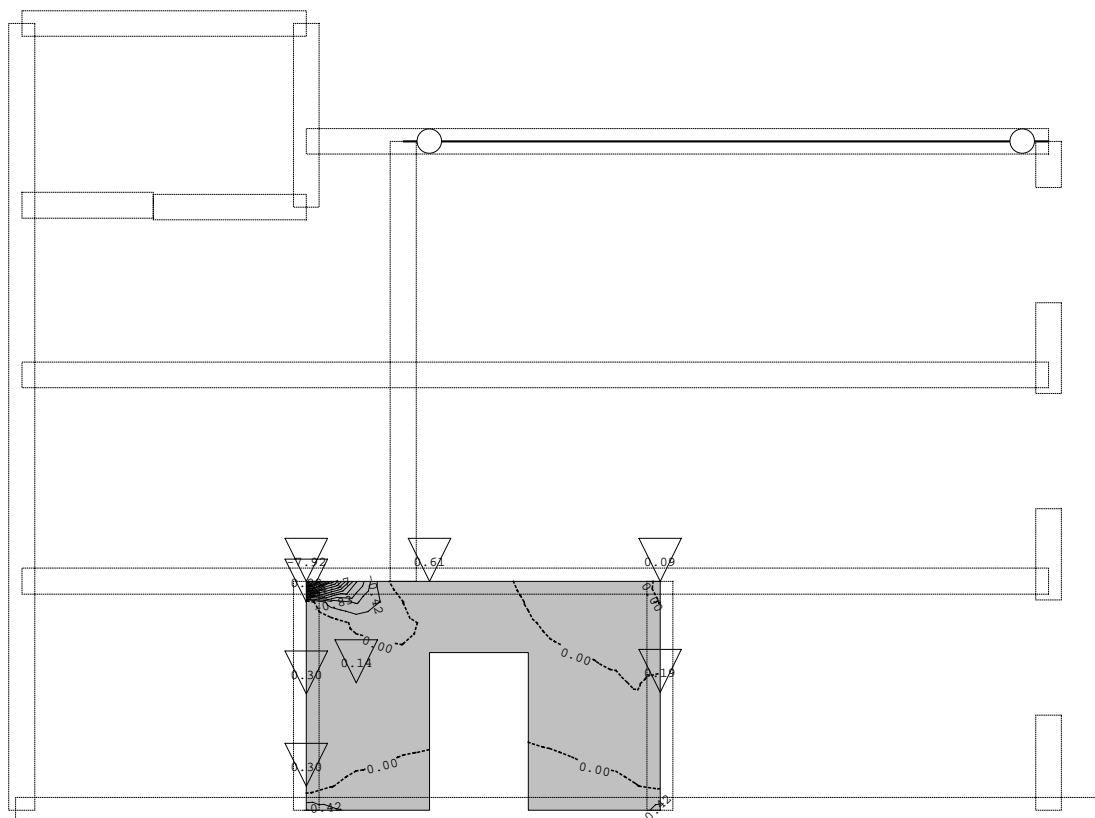
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: V_7

Vplivi v plošči: max M_x = 0.95 / min M_x = -1.01 kNm/m

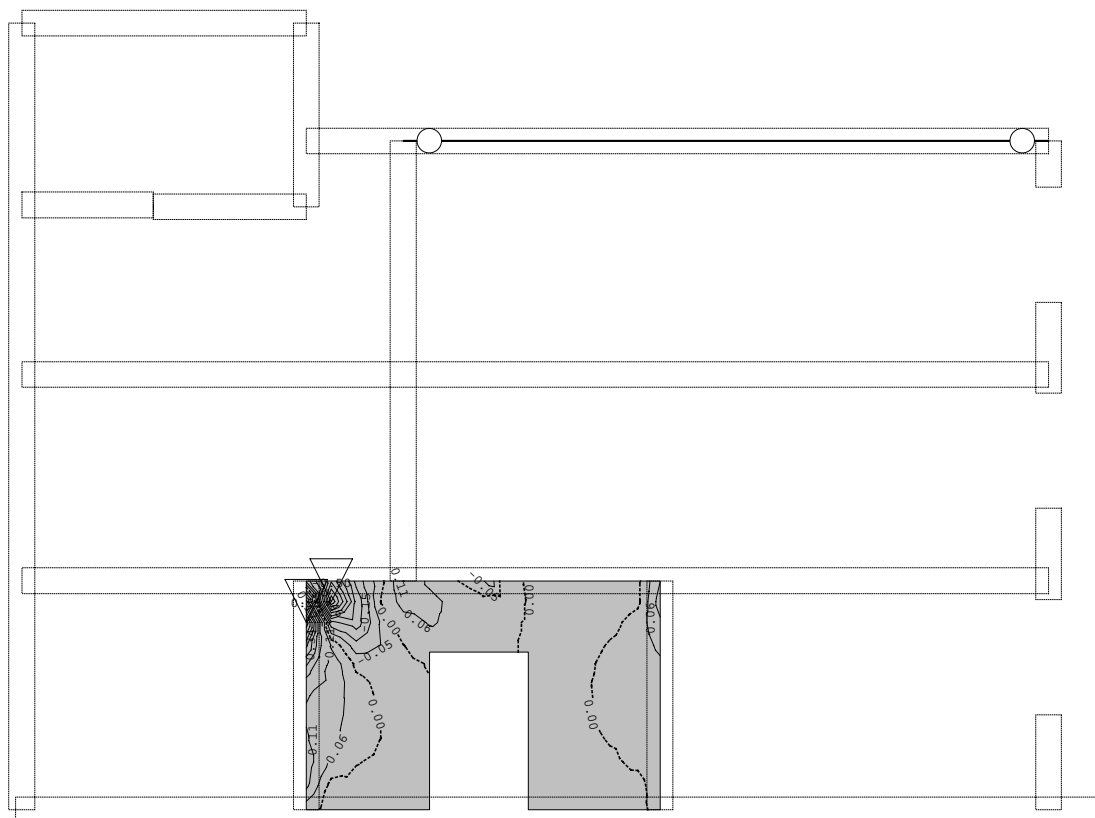
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: V_7

Vplivi v plošči: max M_y = 0.61 / min M_y = -7.92 kNm/m

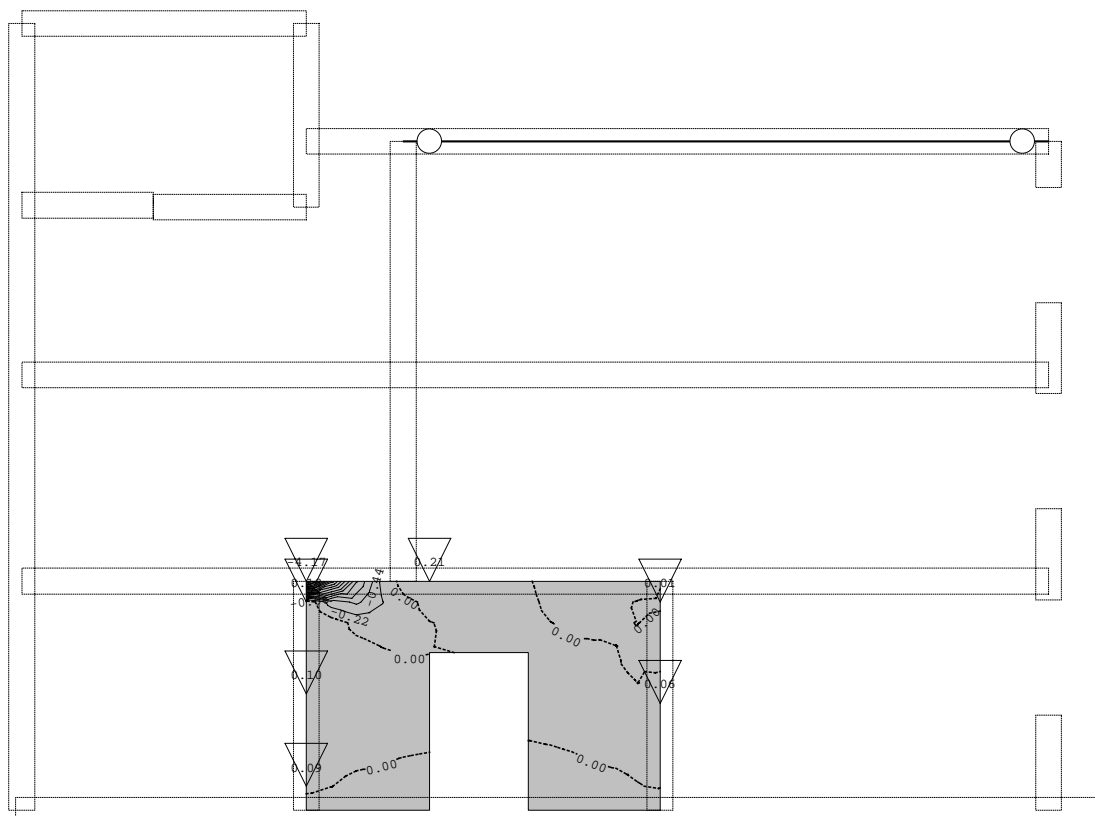
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: V_7

Vplivi v plošči: max $M_x = 0.55$ / min $M_x = -0.50$ kNm/m

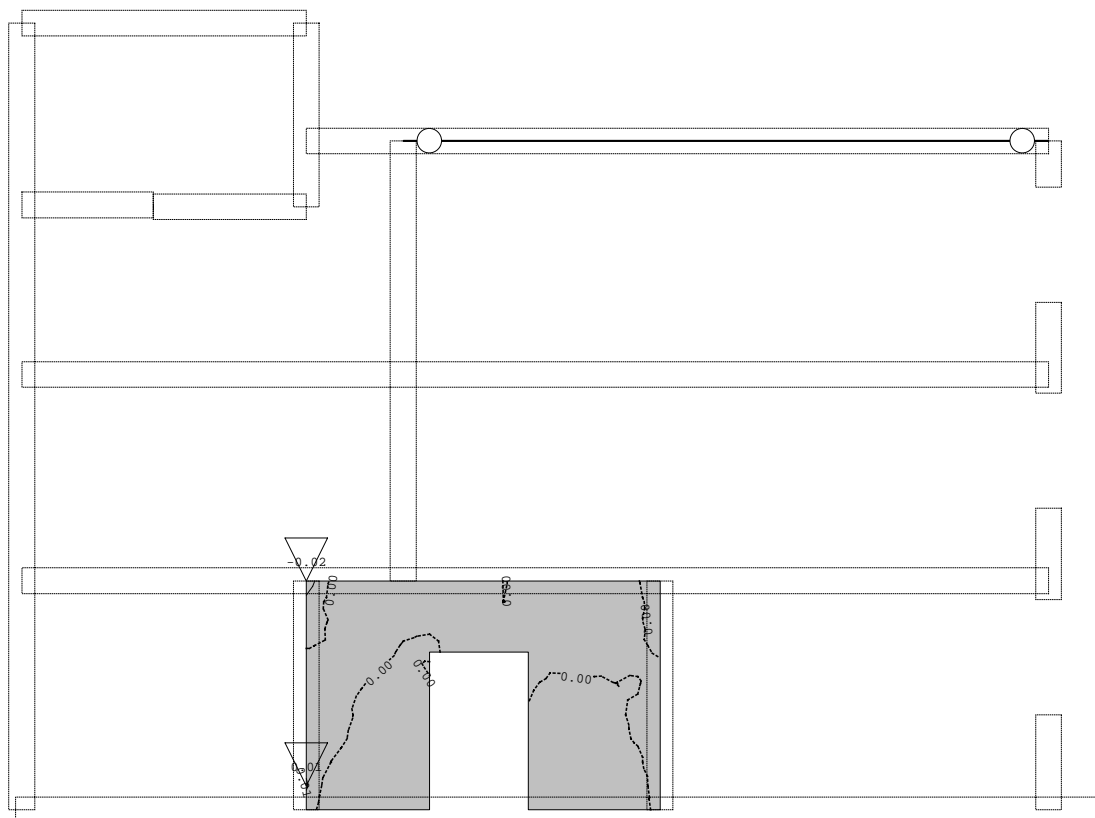
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: V_7

Vplivi v plošči: max $M_y = 0.21$ / min $M_y = -4.17$ kNm/m

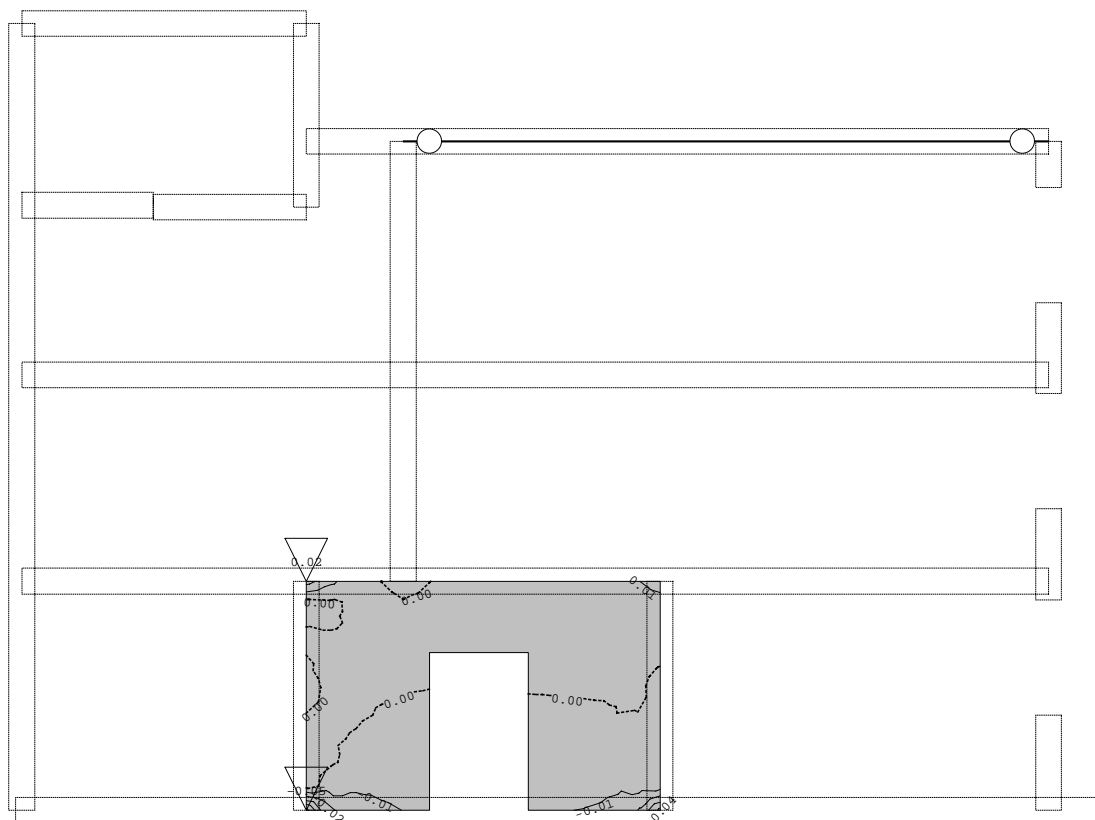
Obt. 6: veter +x



Okvir: V_7

Vplivi v plošči: max $M_x = 0.01$ / min $M_x = -0.02$ kNm/m

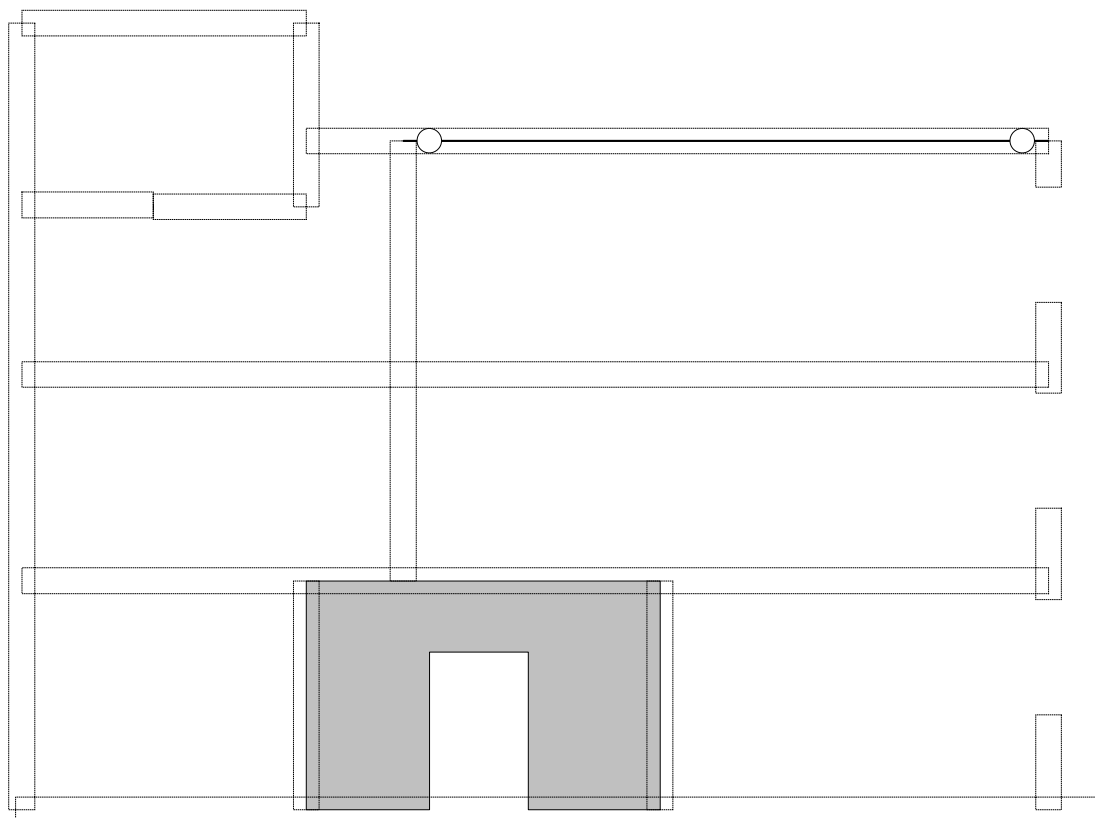
Obt. 6: veter +x



Okvir: V_7

Vplivi v plošči: max $M_y = 0.02$ / min $M_y = -0.05$ kNm/m

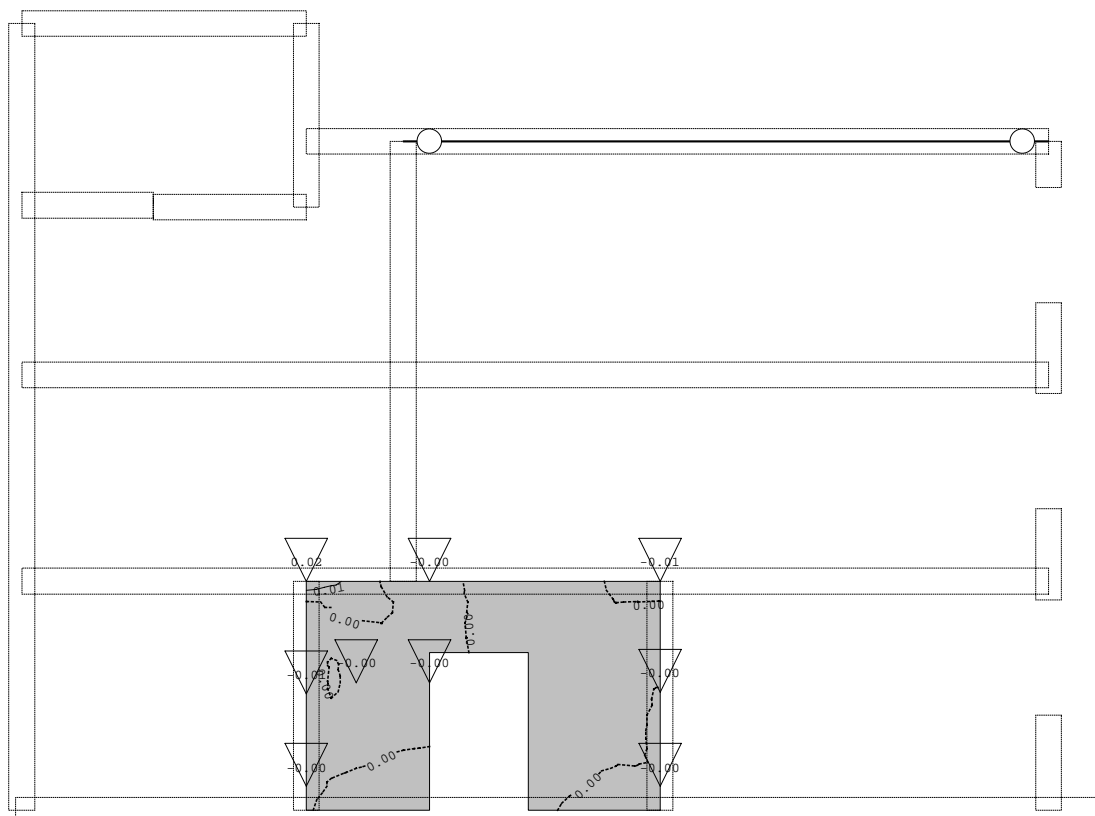
Obt. 8: veter +y



Okvir: V_7

Vplivi v plošči: max $M_x = 0.00$ / min $M_x = -0.01$ kNm/m

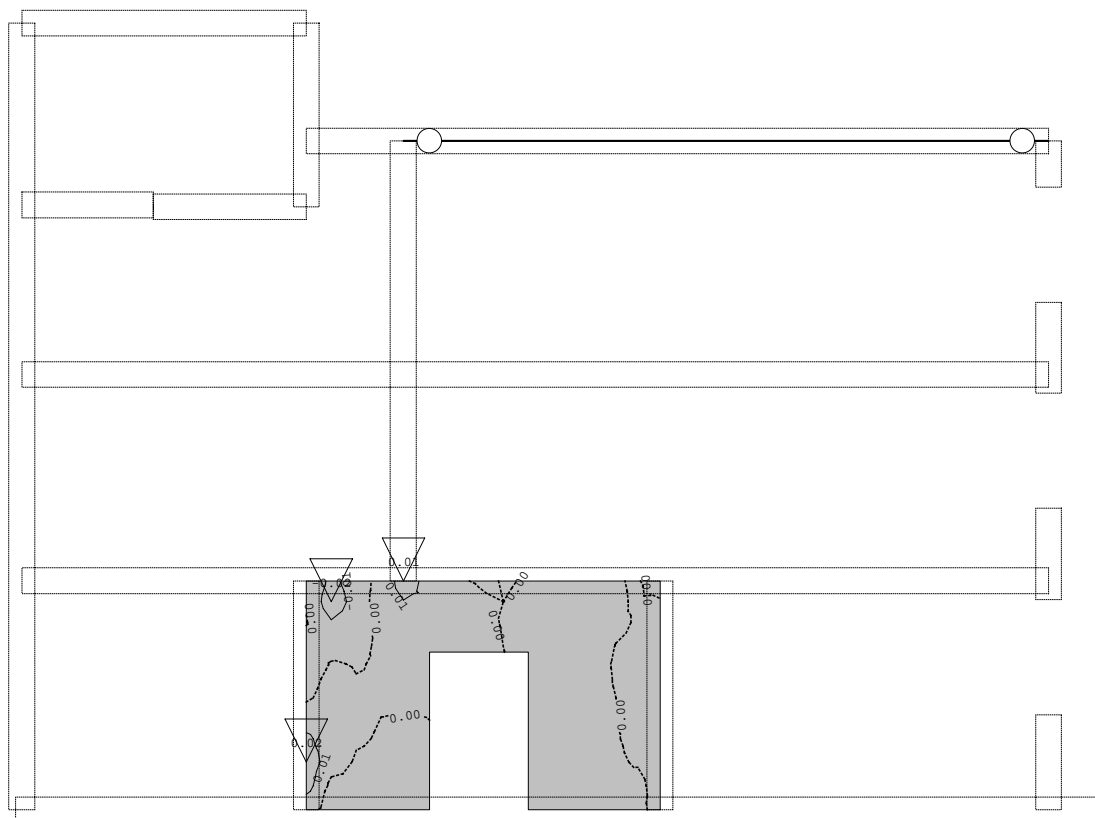
Obt. 8: veter +y



Okvir: V_7

Vplivi v plošči: $\max M_y = 0.02$ / $\min M_y = -0.01$ kNm/m

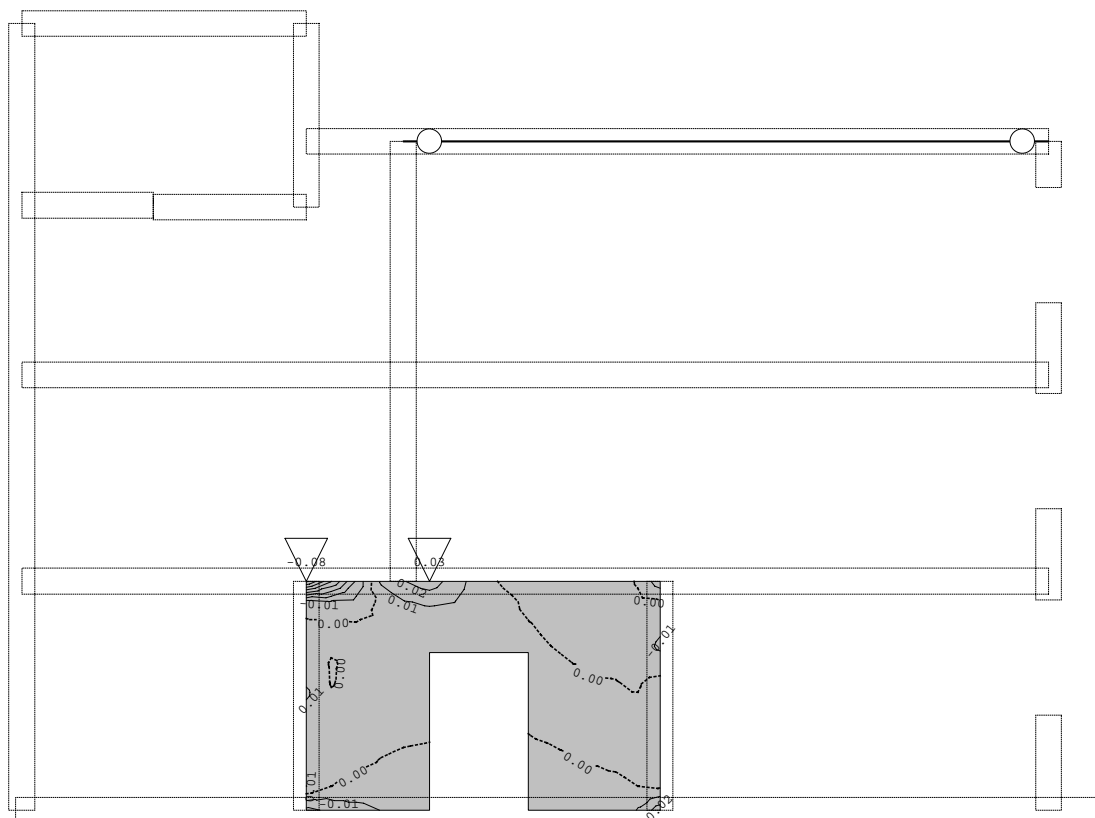
Obt. 10: sneg 1.36kN/m²



Okvir: V_7

Vplivi v plošči: max $M_x = 0.02$ / min $M_x = -0.02$ kNm/m

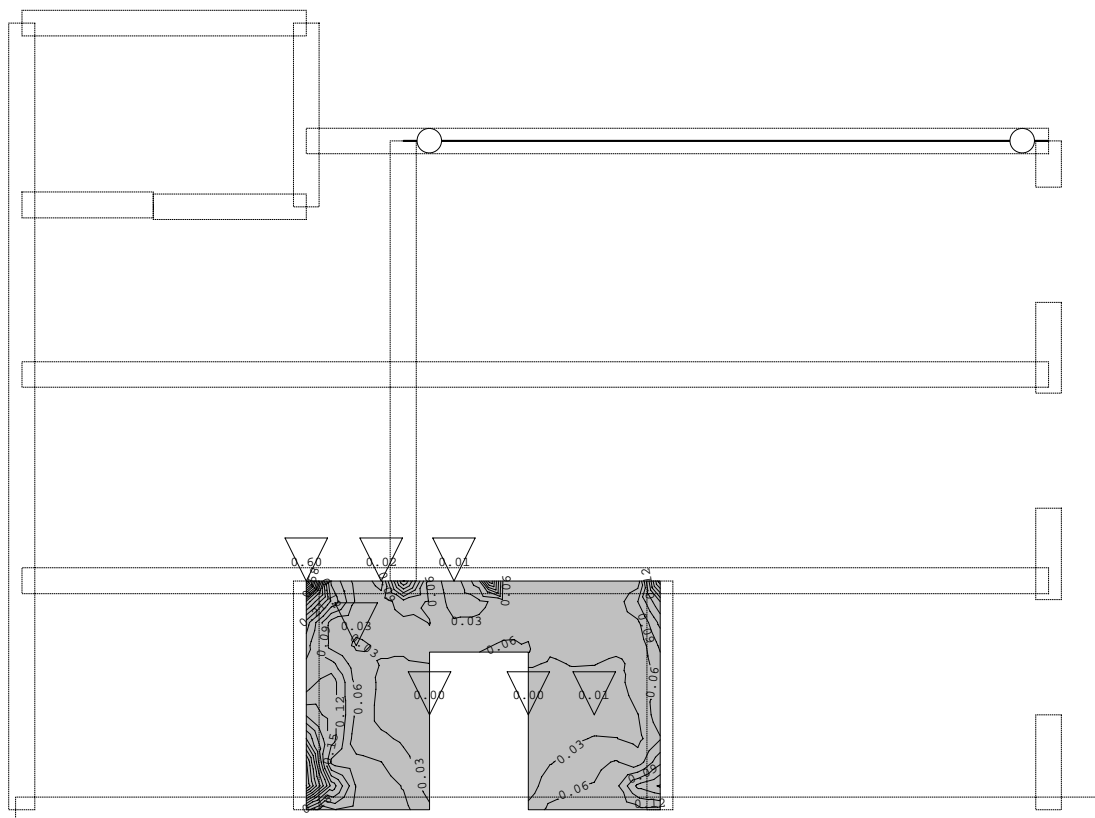
Obt. 10: sneg 1.36kN/m²



Okvir: V_7

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

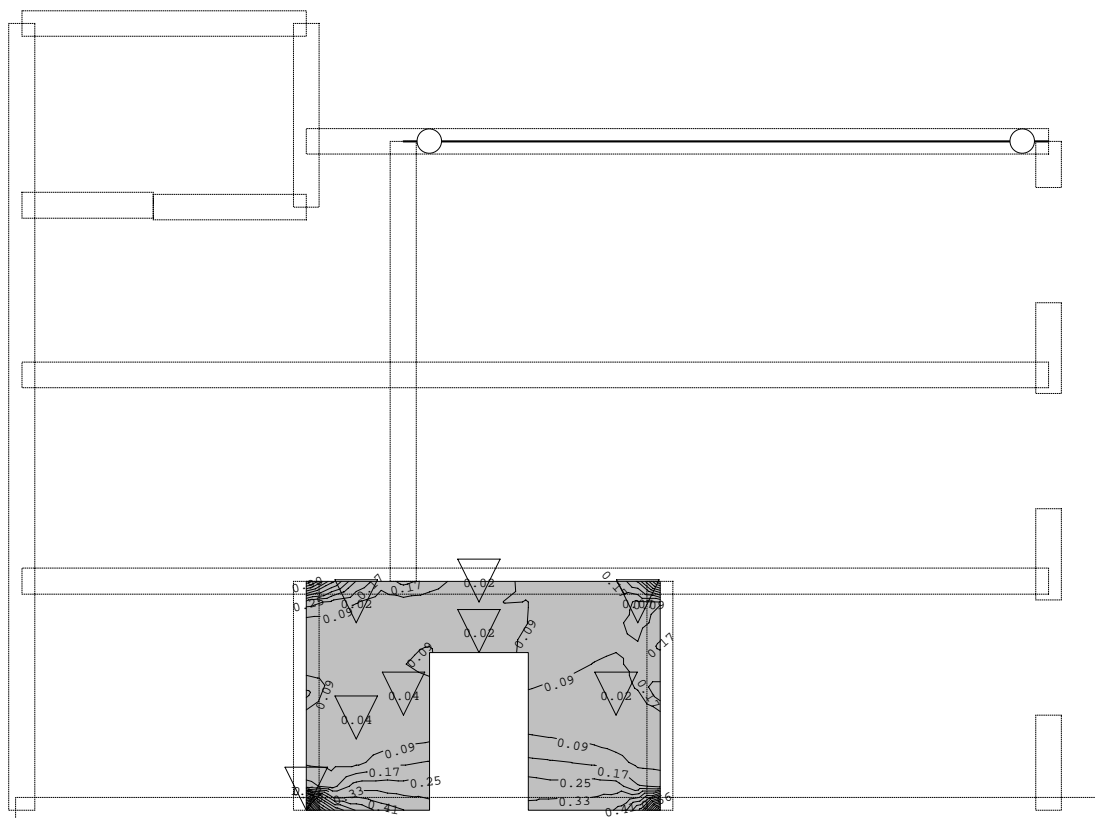
Obt. 11: px



Okvir: V_7

Vplivi v plošči: max $M_x = 0.60$ / min $M_x = 0.00$ kNm/m

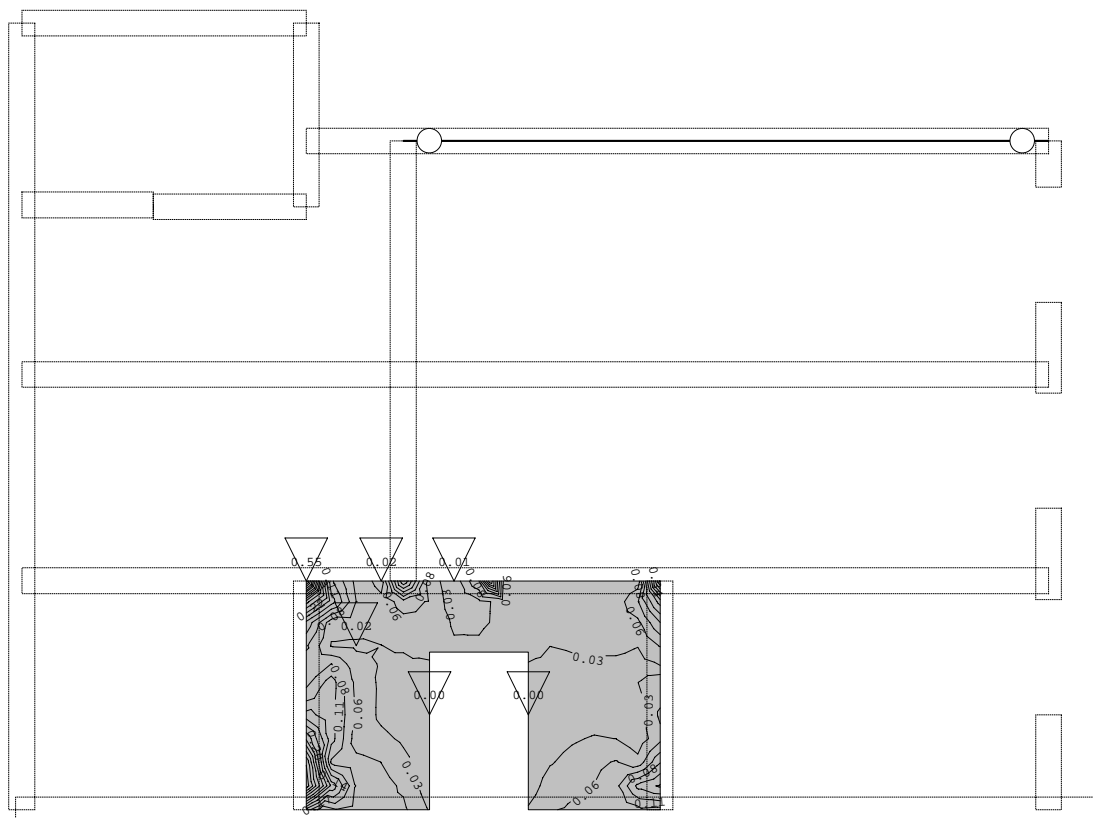
Obt. 11: px



Okvir: V_7

Vplivi v plošči: max $M_y = 1.62$ / min $M_y = 0.02$ kNm/m

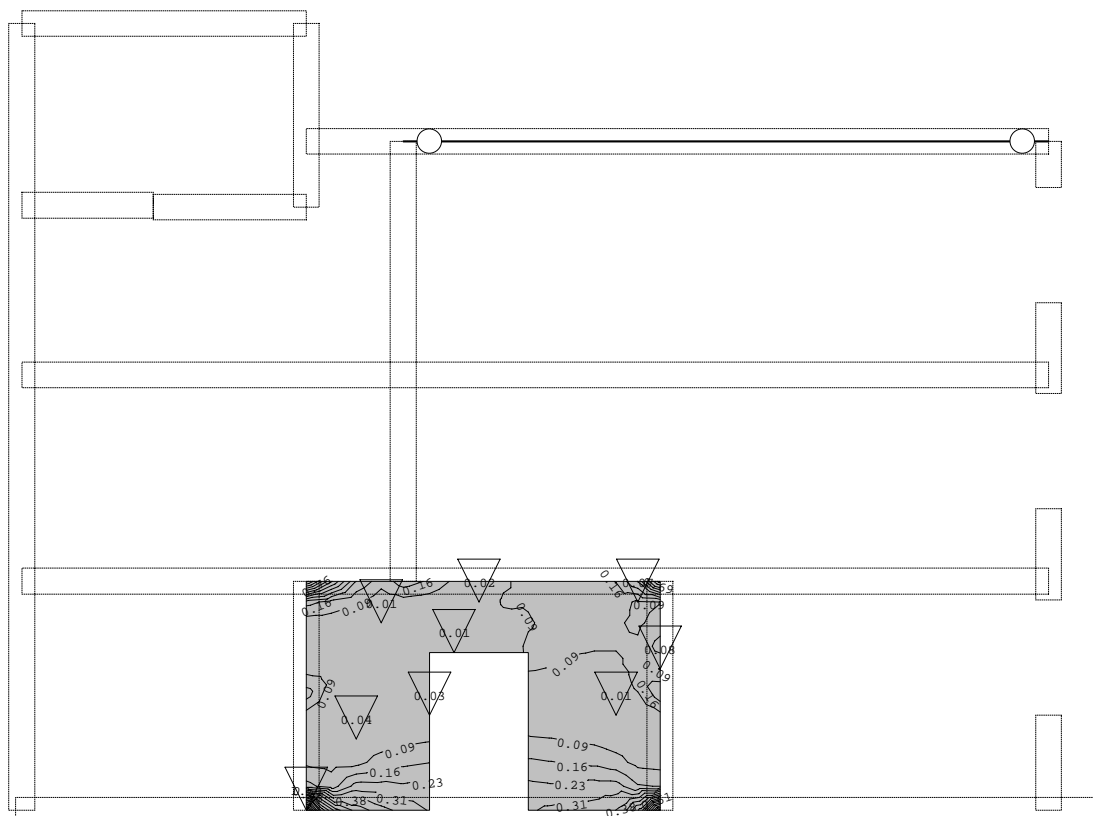
Obt. 12: py



Okvir: V_7

Vplivi v plošči: max $M_x = 0.55$ / min $M_x = 0.00$ kNm/m

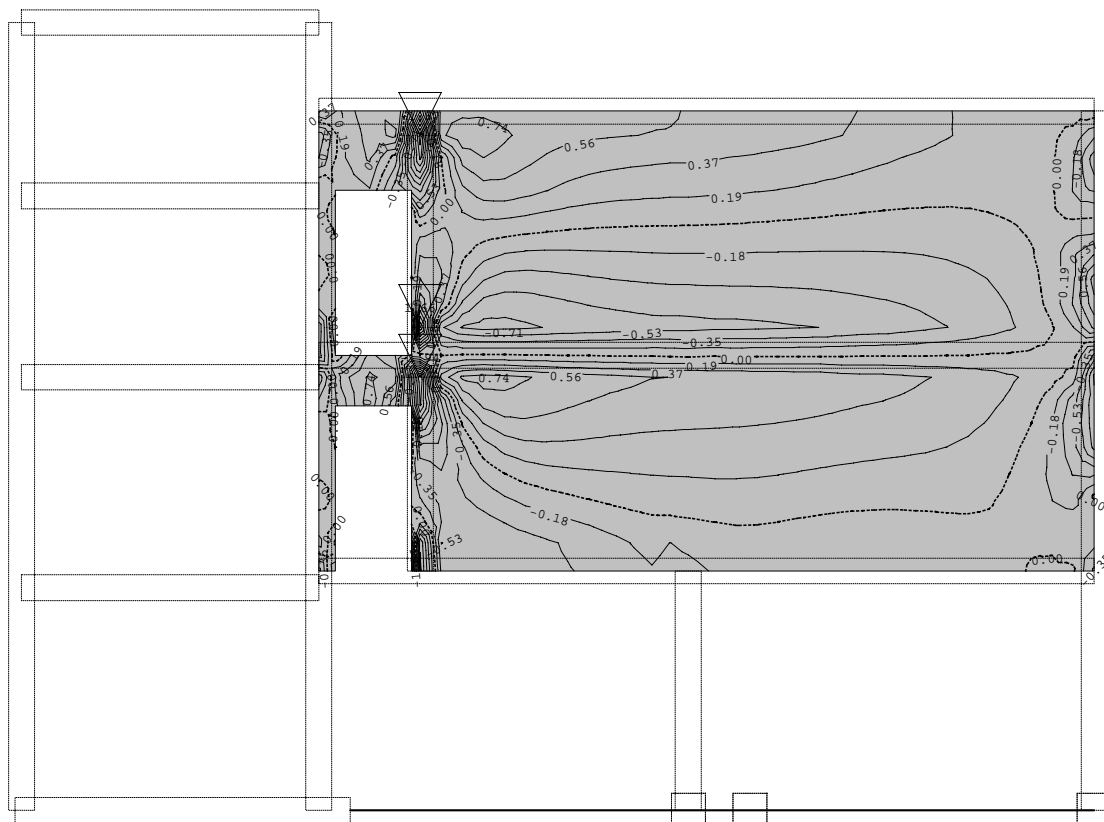
Obt. 12: py



Okvir: V_7

Vplivi v plošči: max $M_y = 1.50$ / min $M_y = 0.01$ kNm/m

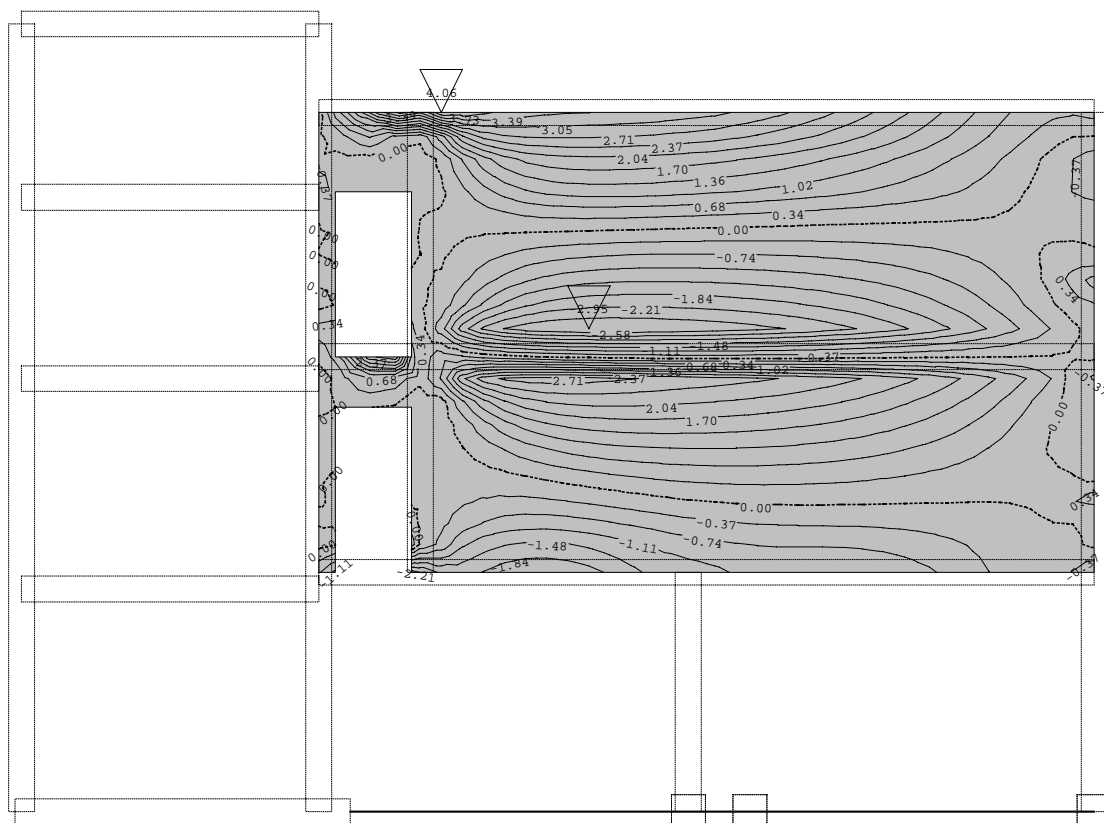
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: V_8

Vplivi v plošči: max Mx= 1.66 / min Mx= -1.94 kNm/m

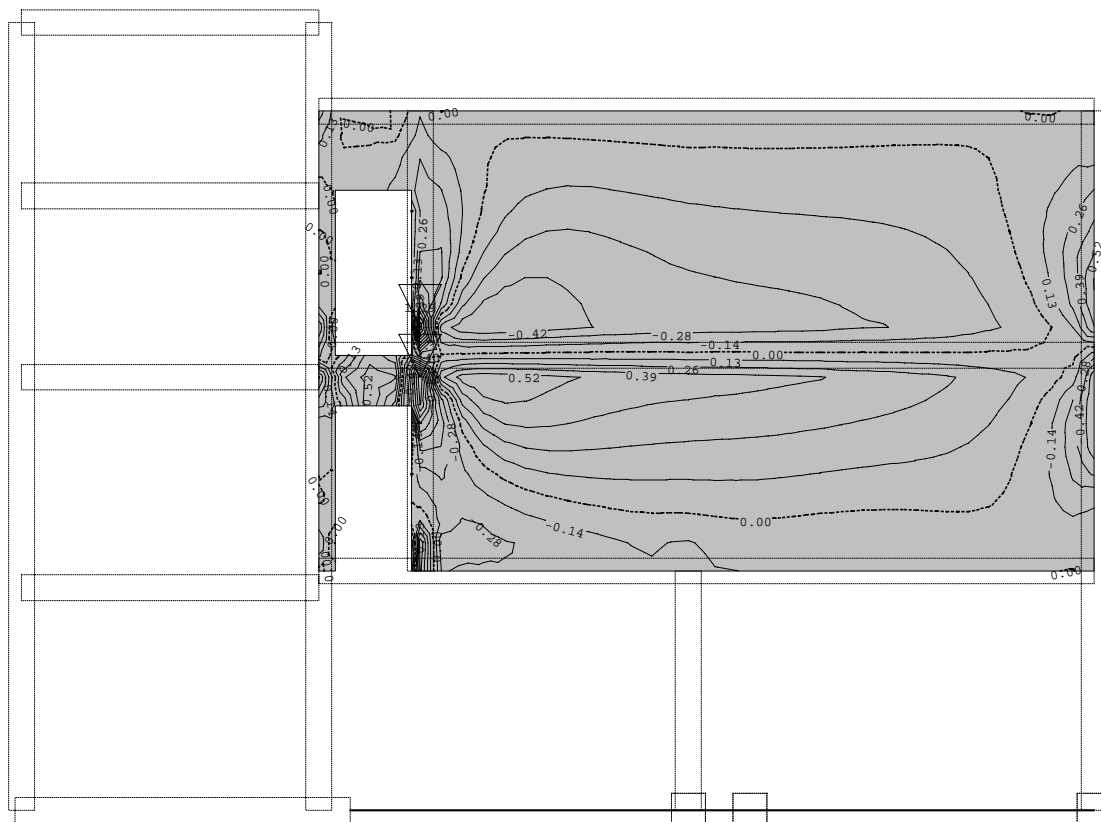
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: V_8

Vplivi v plošči: max My= 4.06 / min My= -2.95 kNm/m

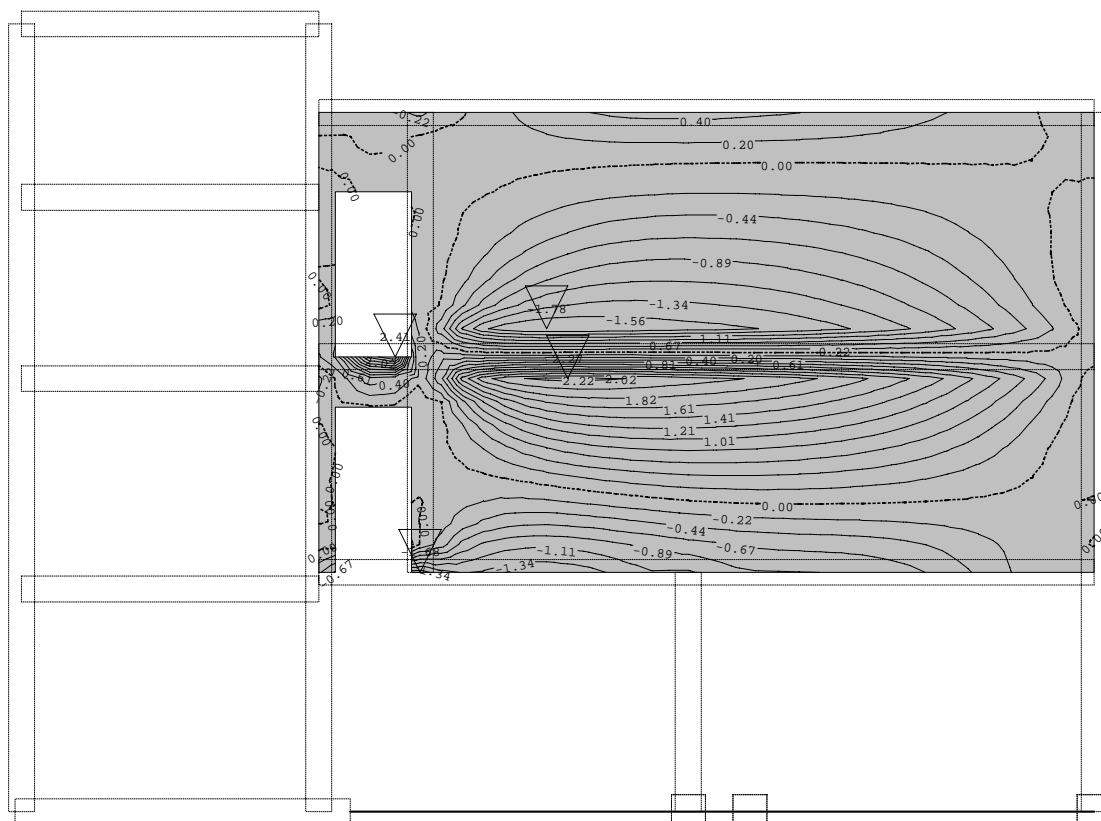
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: V_8

Vplivi v plošči: max Mx= 1.29 / min Mx= -1.40 kNm/m

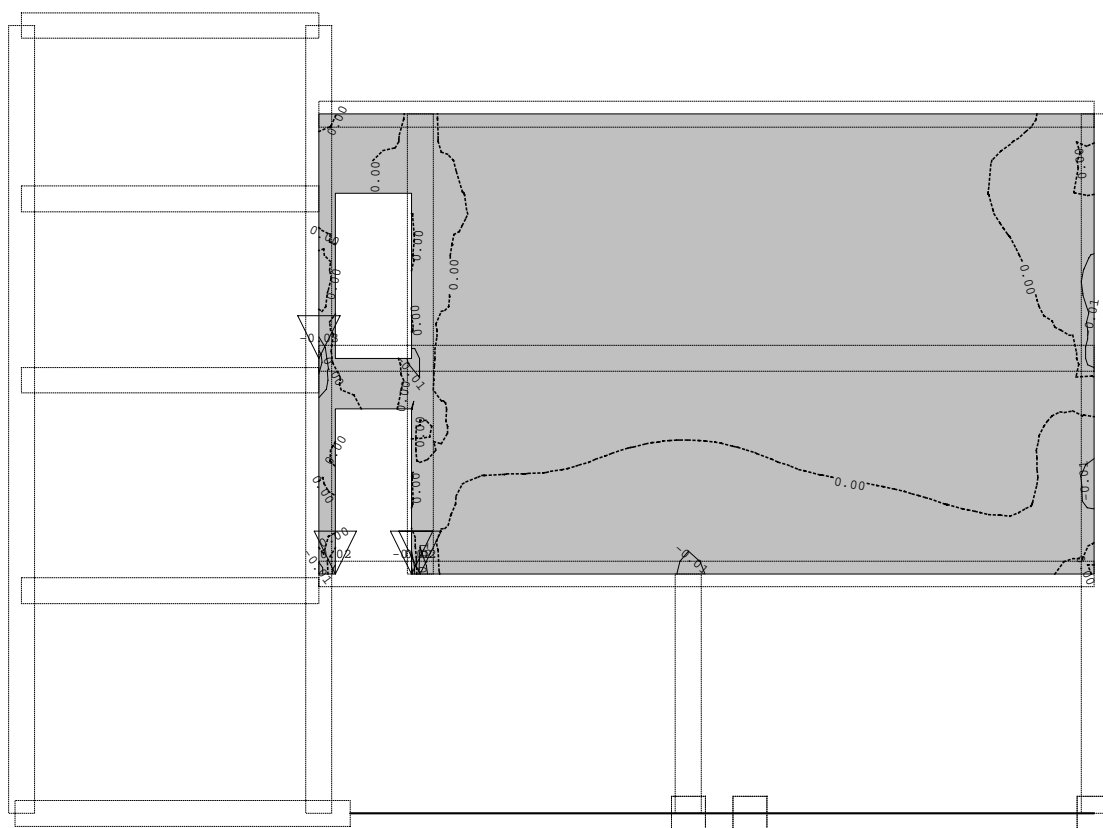
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: V_8

Vplivi v plošči: max My= 2.41 / min My= -1.78 kNm/m

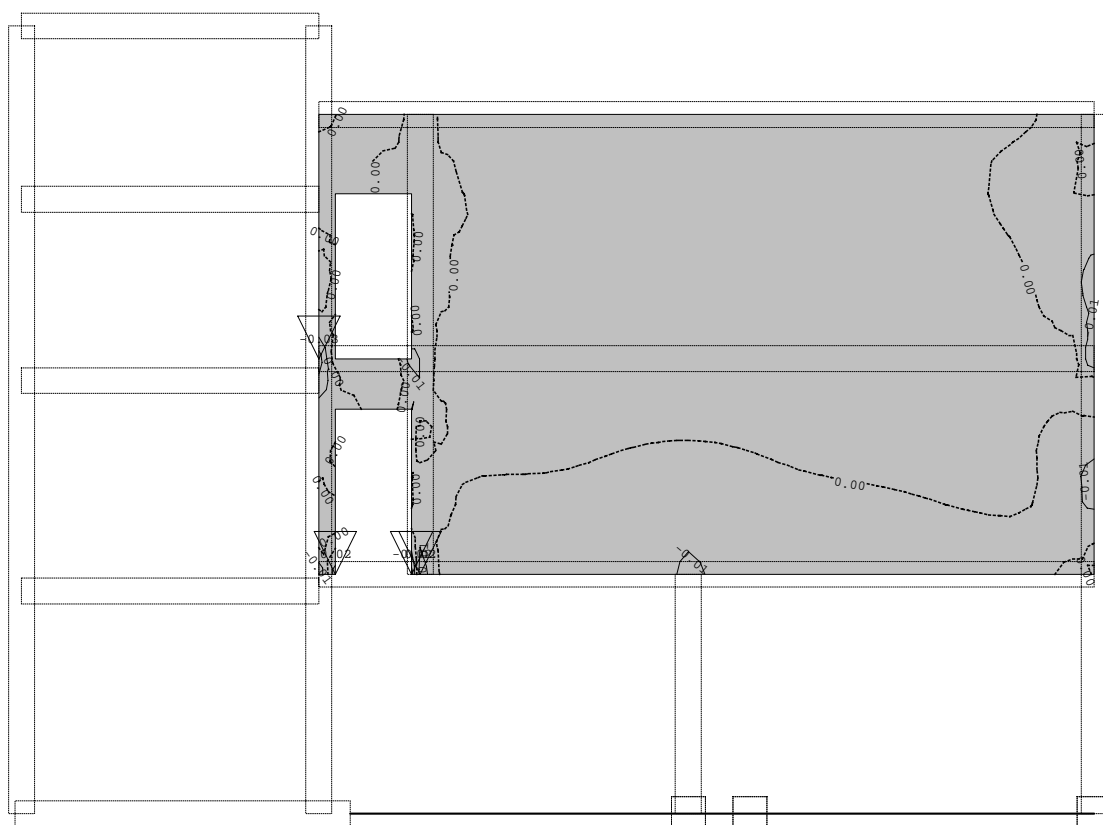
Obt. 6: veter +x



Okvir: V_8

Vplivi v plošči: max $M_x = 0.02$ / min $M_x = -0.03$ kNm/m

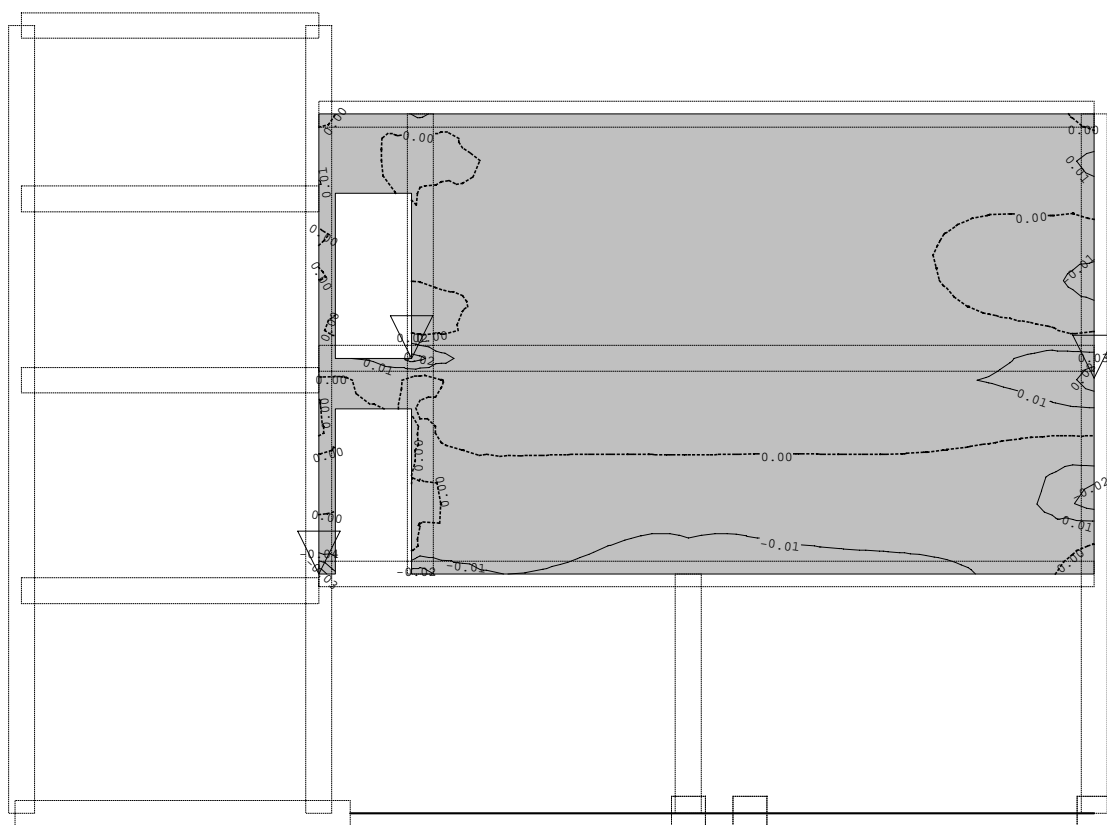
Obt. 6: veter +x



Okvir: V_8

Vplivi v plošči: max $M_x = 0.02$ / min $M_x = -0.03$ kNm/m

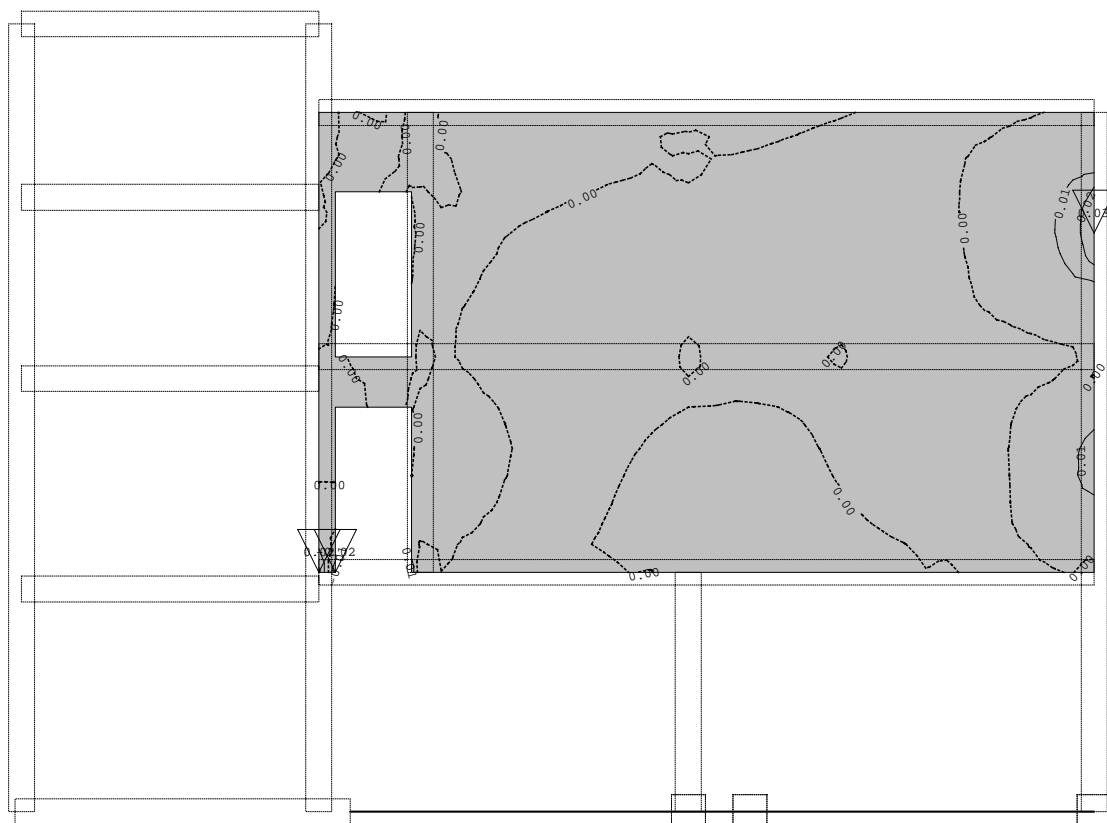
Obt. 6: veter +x



Okvir: V_8

Vplivi v plošči: max $M_y = 0.03$ / min $M_y = -0.04$ kNm/m

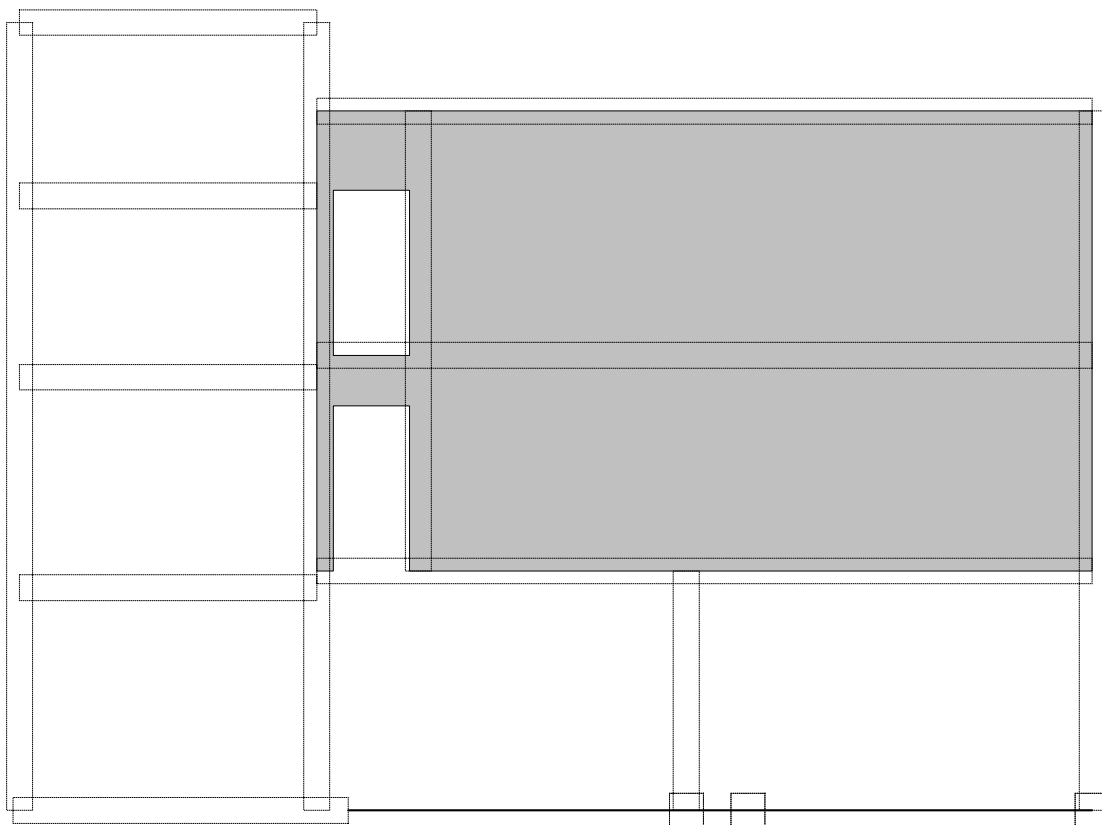
Obt. 8: veter +y



Okvir: V_8

Vplivi v plošči: max $M_x = 0.03$ / min $M_x = -0.02$ kNm/m

Obt. 8: veter +y



Okvir: V_8

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

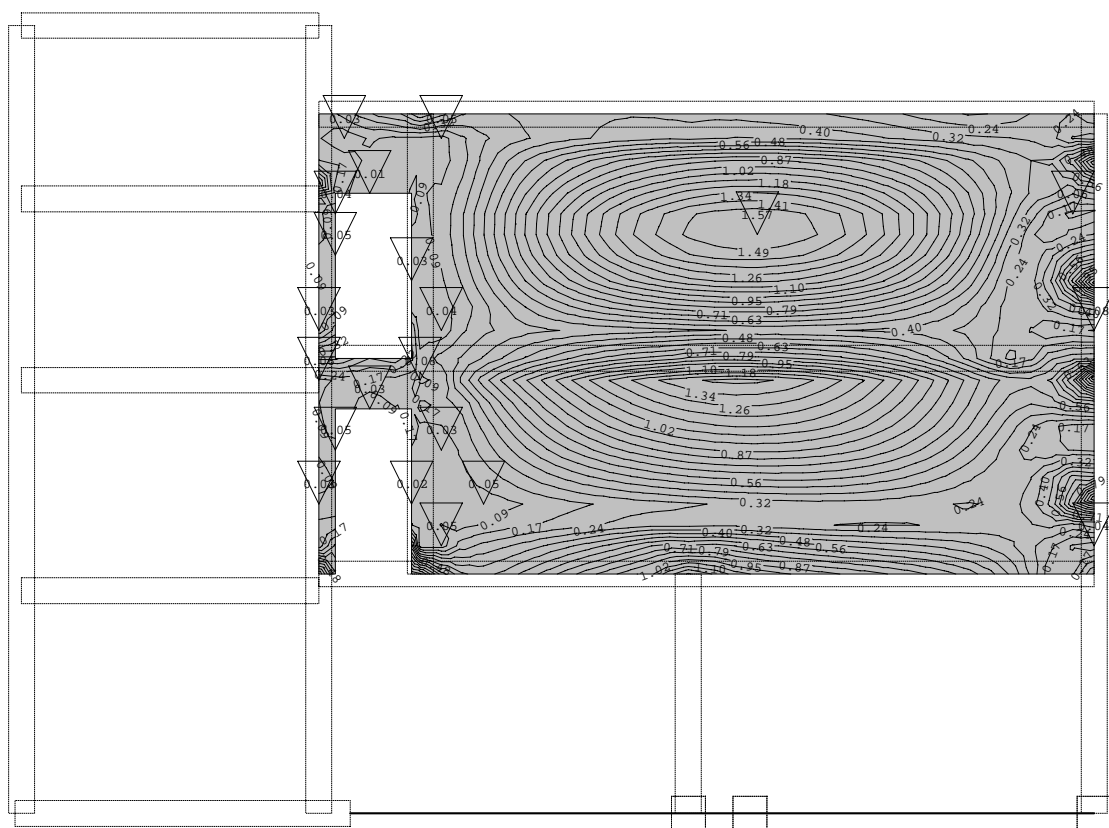
Obt. 10: sneg 1.36kN/m²



Okvir: V_8

Vplivi v plošči: max $M_x = 0.17$ / min $M_x = -0.42$ kNm/m

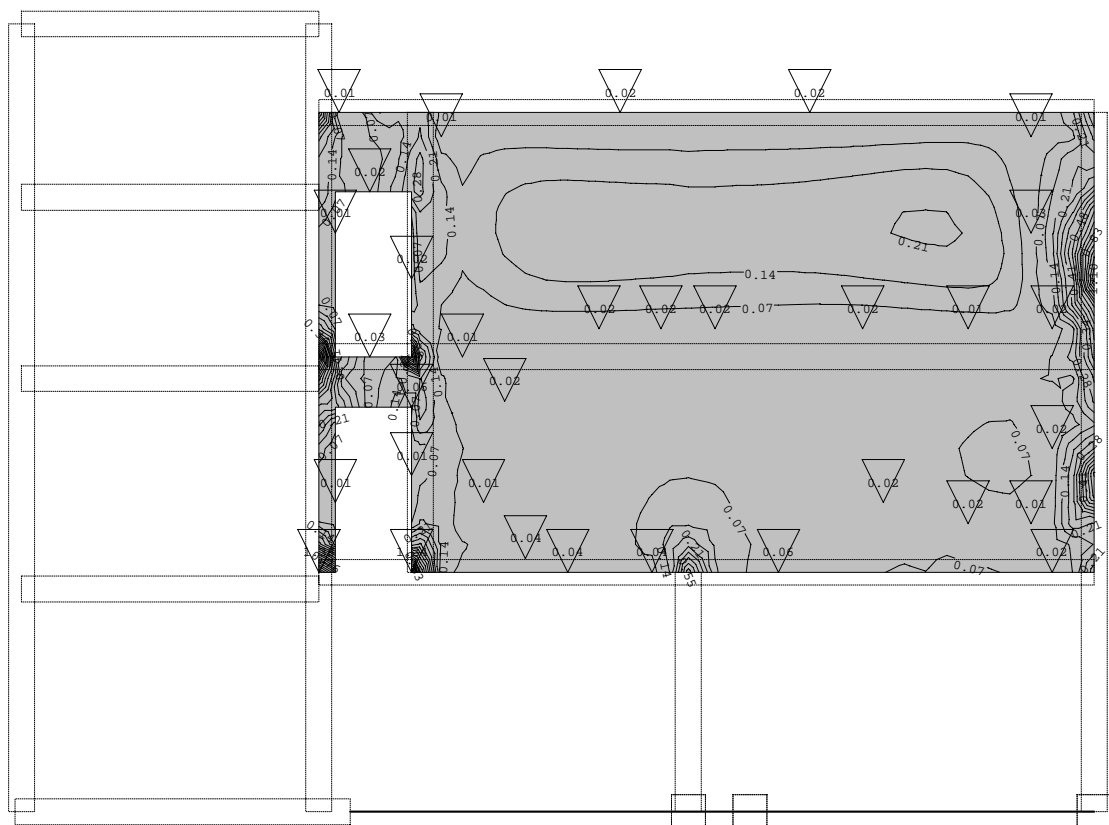
Obt. 11: px



Okvir: V_8

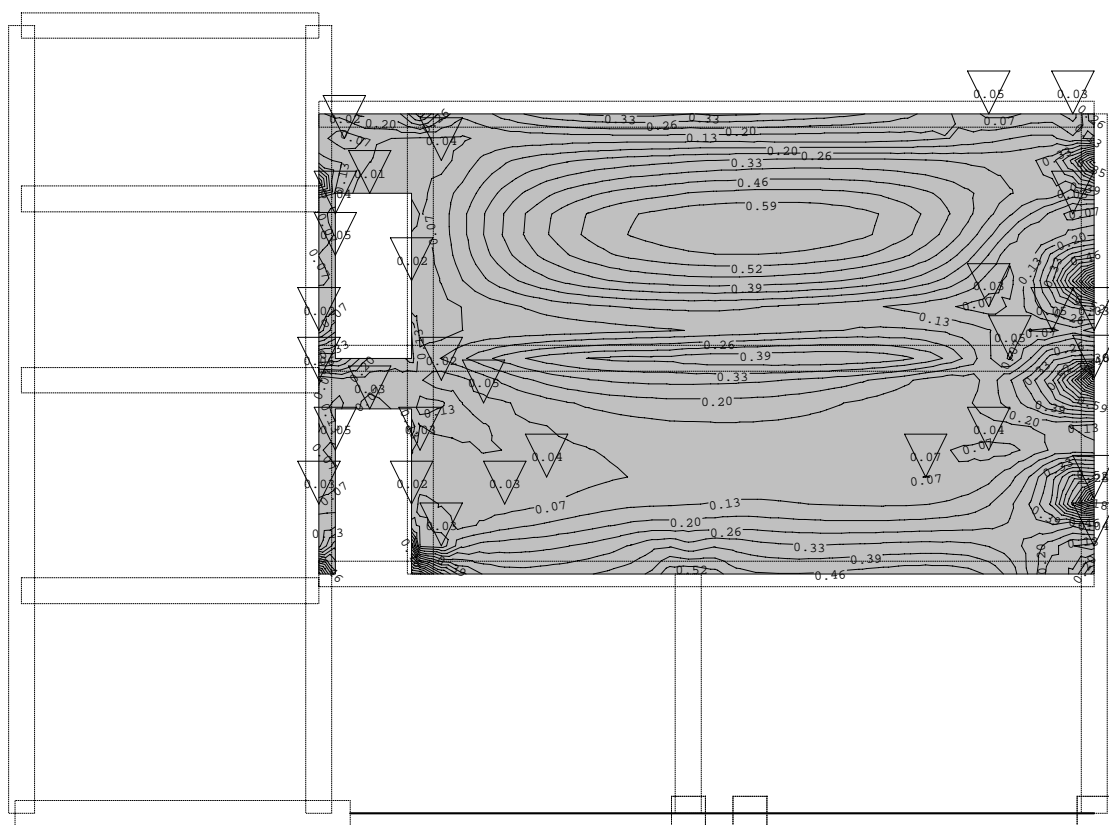
Vplivi v plošči: max $M_y = 1.57$ / min $M_y = 0.01$ kNm/m

Obt. 12: py

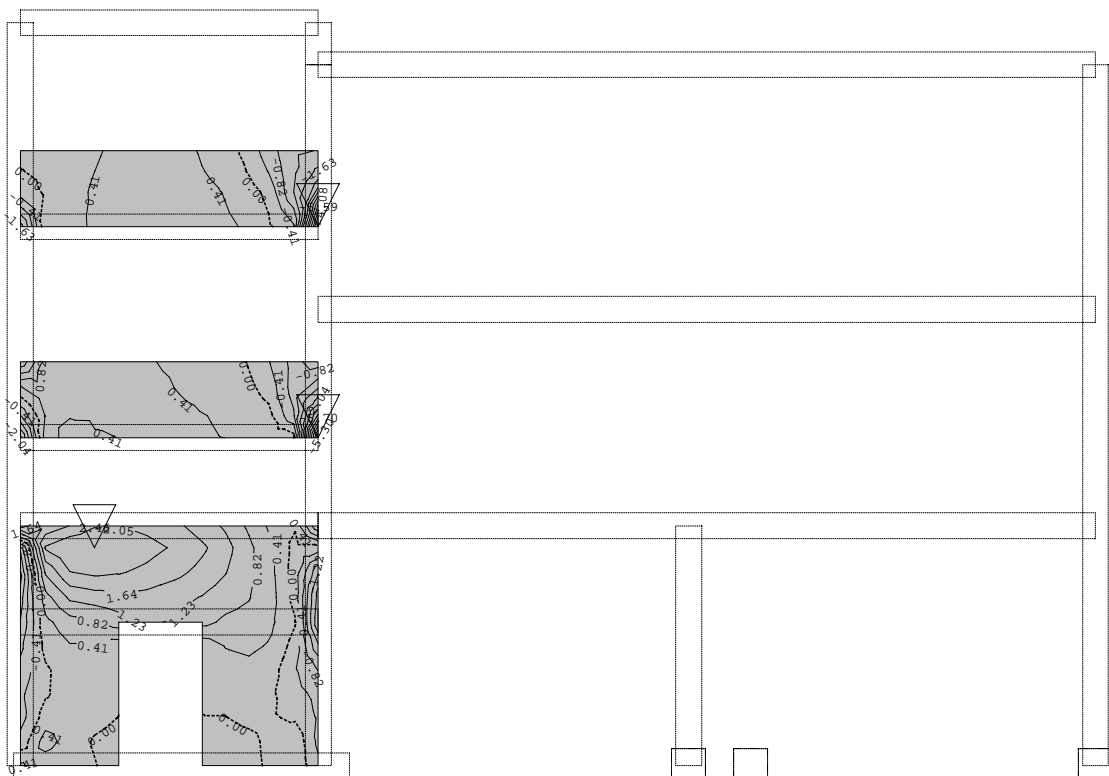


Okvir: V_8

Vplivi v plošči: max $M_x = 1.38$ / min $M_x = 0.01$ kNm/m

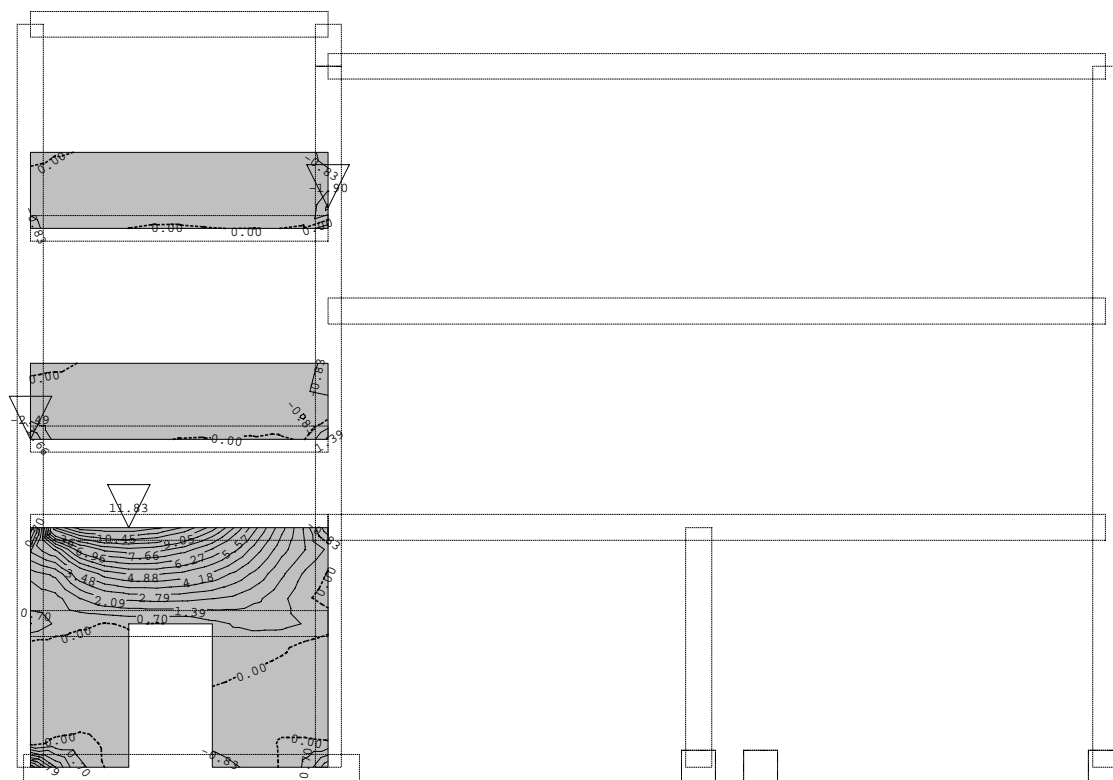


Obt. 1: lastna+stalna 1.7;2.9kN/m2 (g)



Vplivi v plošči: max $M_x = 2.46$ / min $M_x = -5.70$ kNm/m

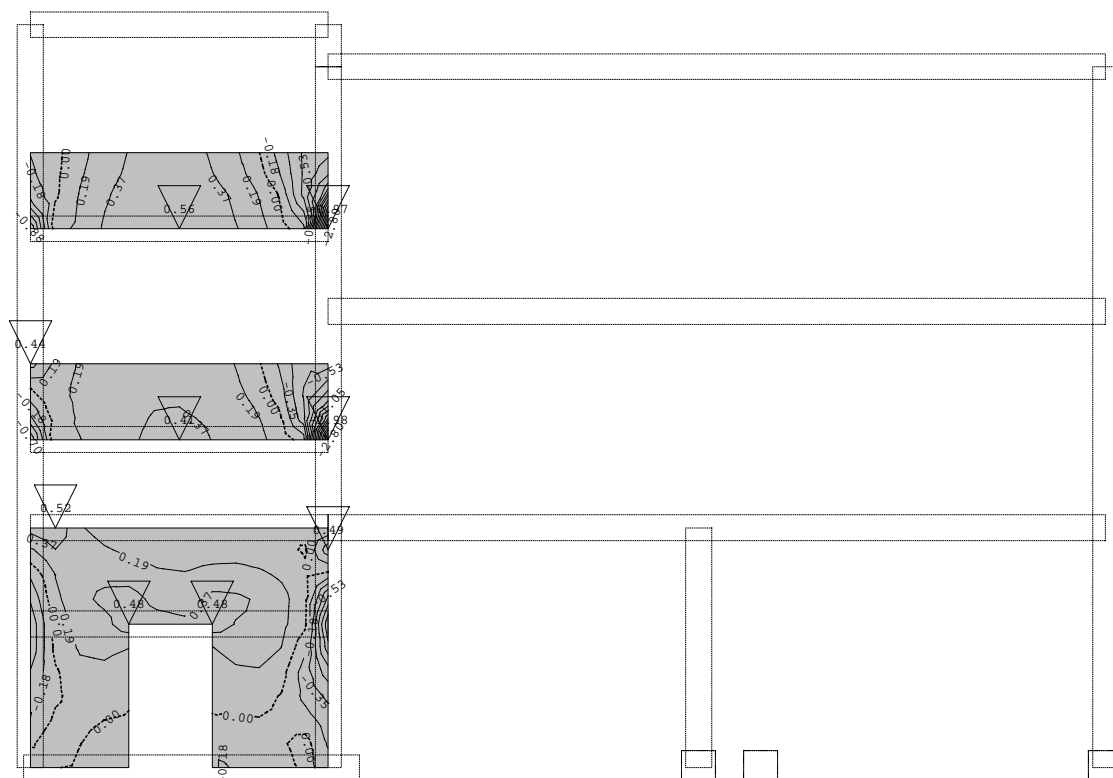
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: V_9

Vplivi v plošči: max $M_y = 11.83$ / min $M_y = -2.49$ kNm/m

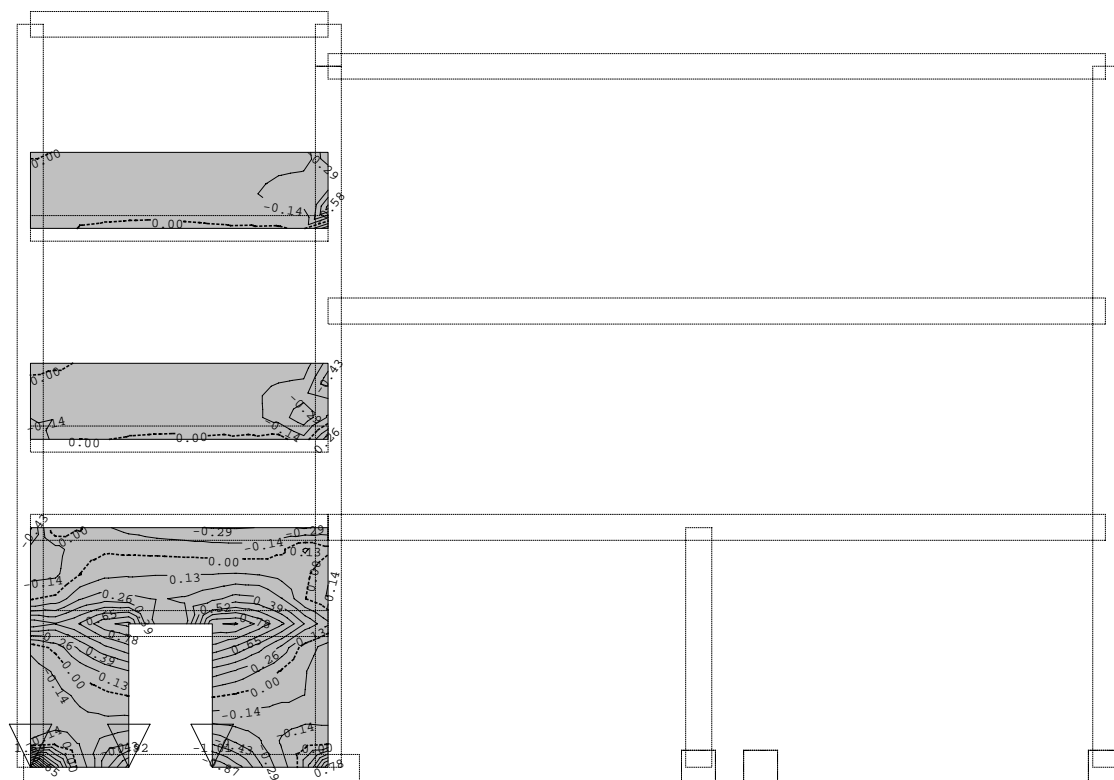
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: V_9

Vplivi v plošči: max $M_x = 0.56$ / min $M_x = -2.98$ kNm/m

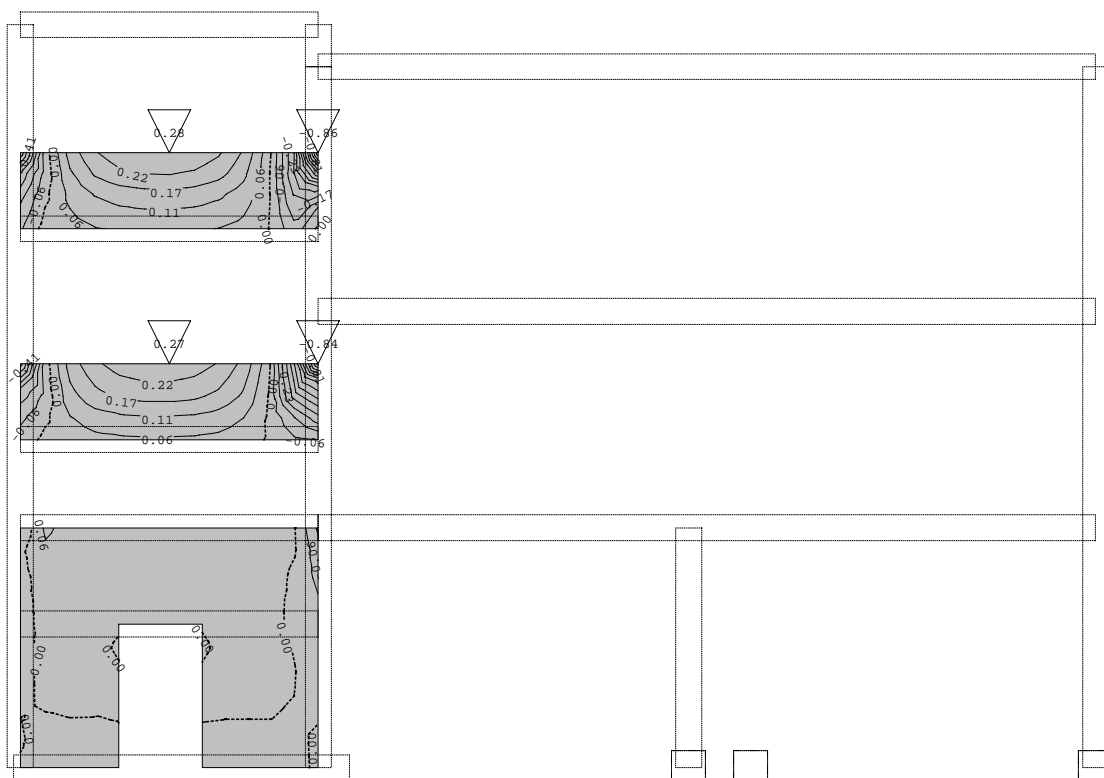
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: V_9

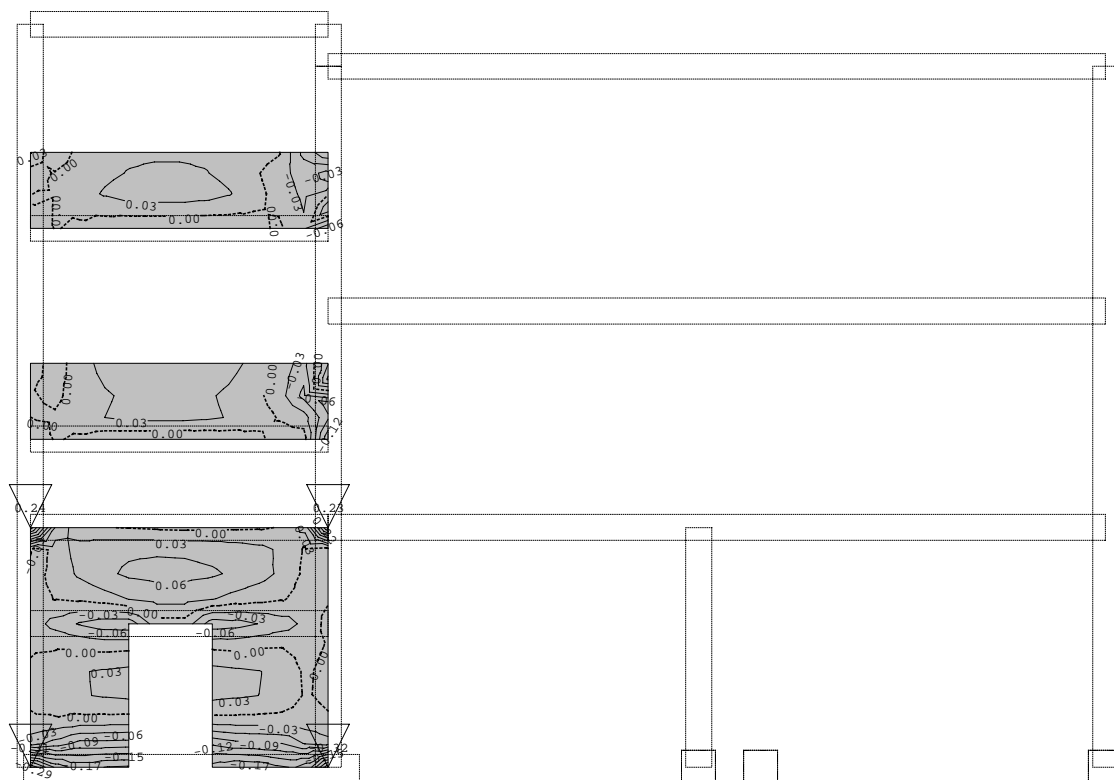
Vplivi v plošči: max $M_y = 1.69$ / min $M_y = -1.01$ kNm/m

Obt. 6: veter +x

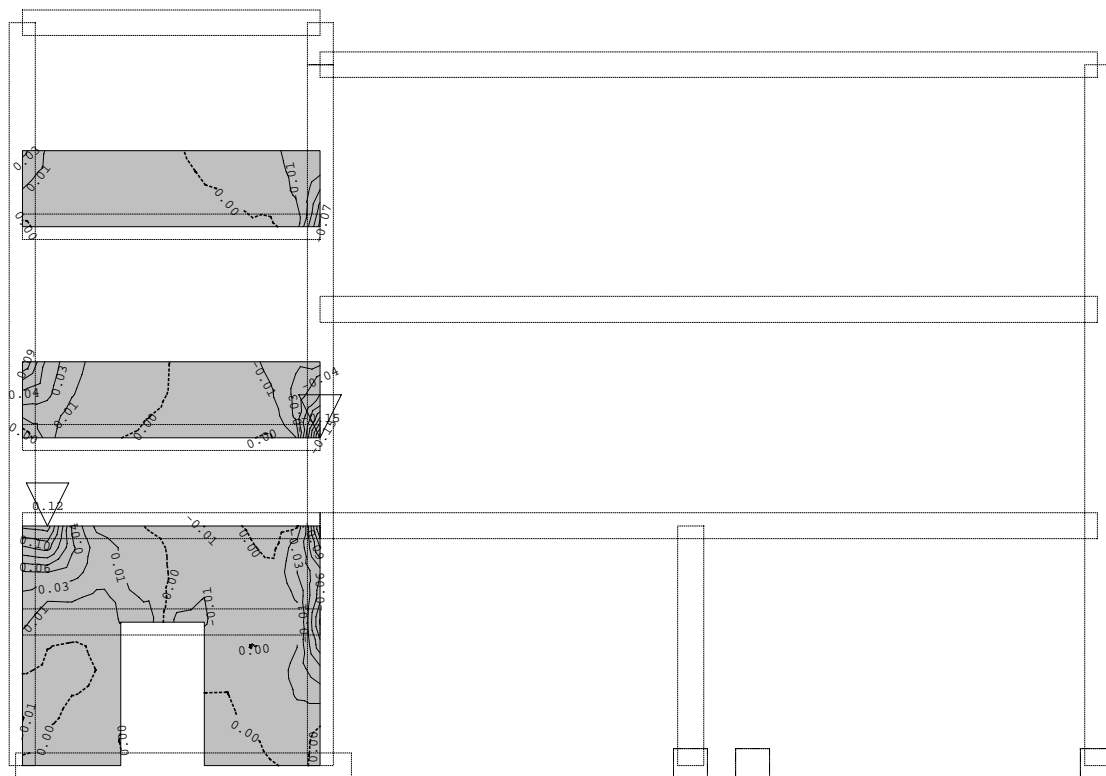


Okvir: V_9

Vplivi v plošči: max $M_x = 0.28$ / min $M_x = -0.86$ kNm/m

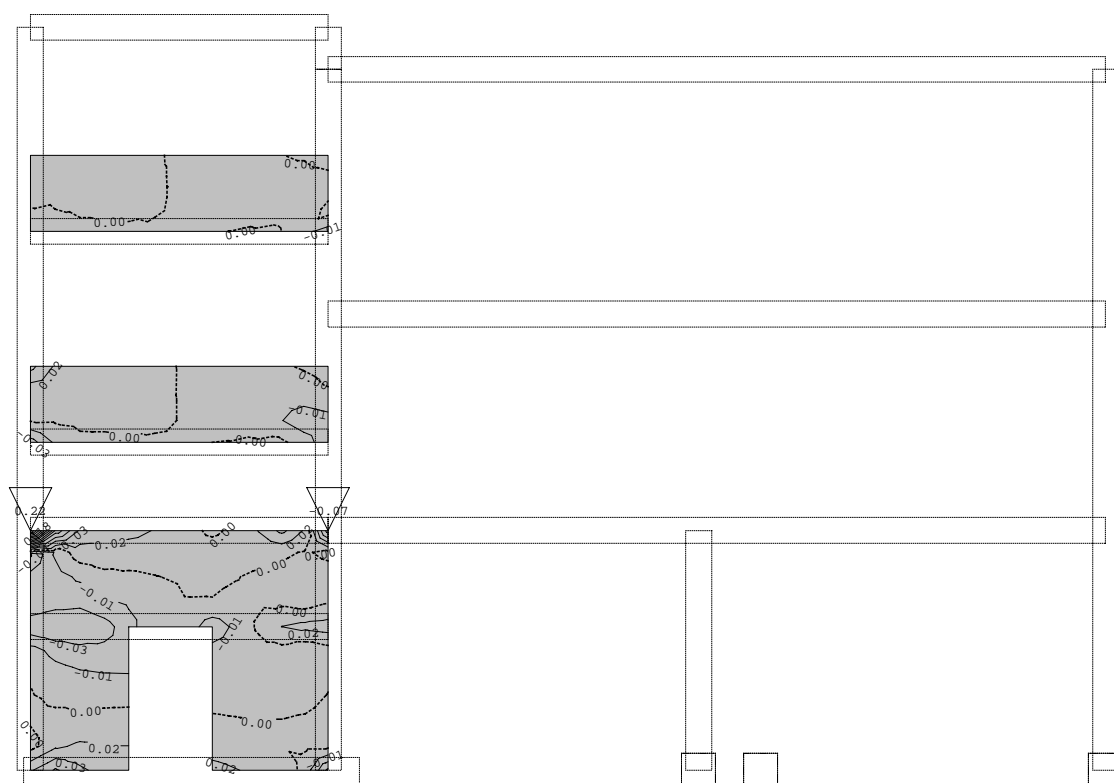


Obt. 9: veter -y



Vplivi v plošči: max $M_x = 0.12$ / min $M_x = -0.15$ kNm/m

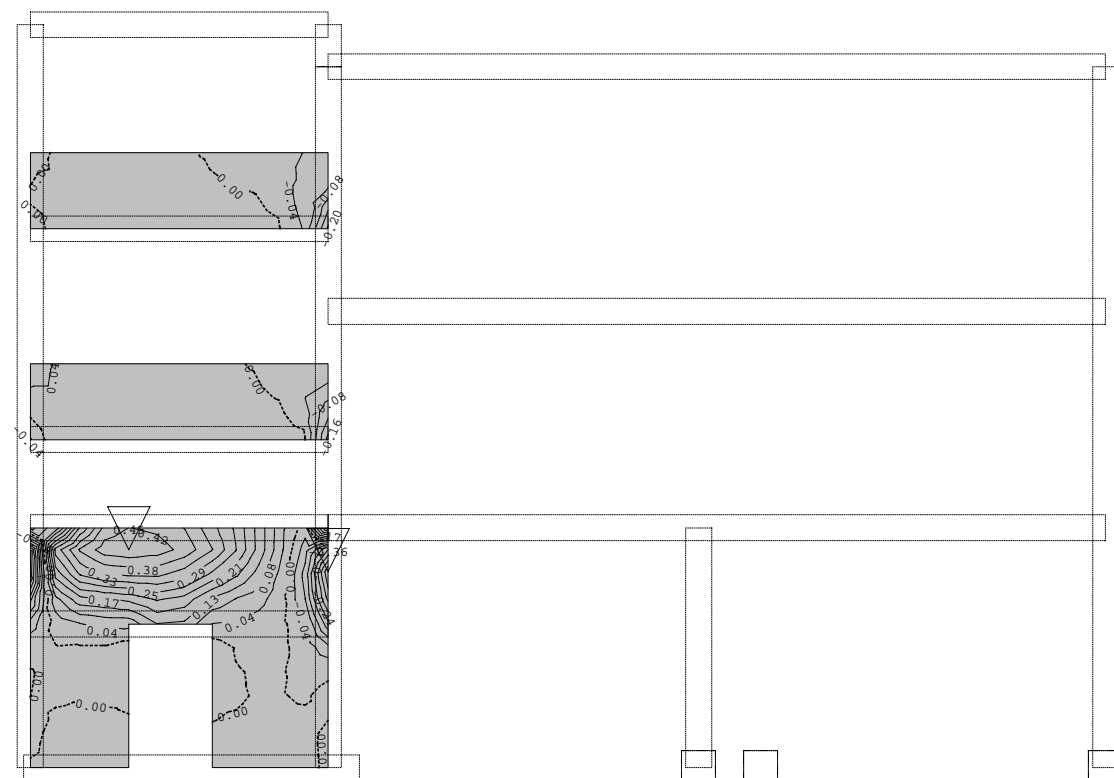
Obt. 9: veter -y



Okvir: V_9

Vplivi v plošči: max $M_y = 0.22$ / min $M_y = -0.07$ kNm/m

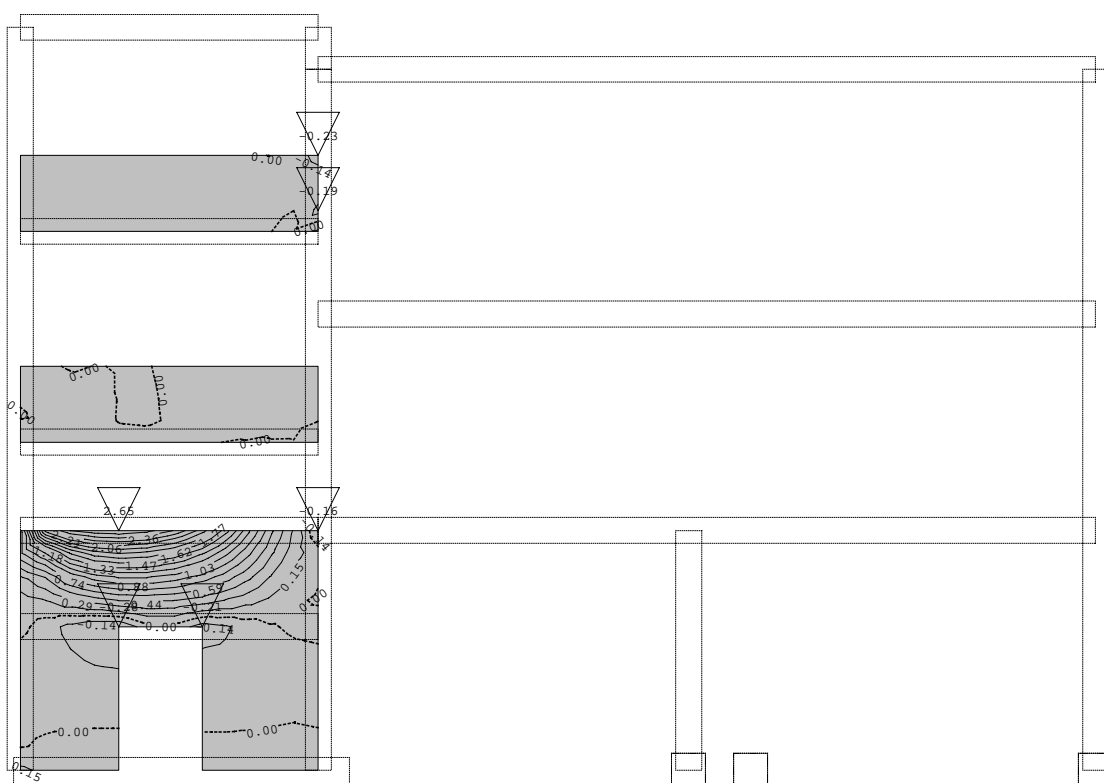
Obt. 10: sneg 1.36kN/m²



Okvir: V_9

Vplivi v plošči: max $M_x = 0.45$ / min $M_x = -0.36$ kNm/m

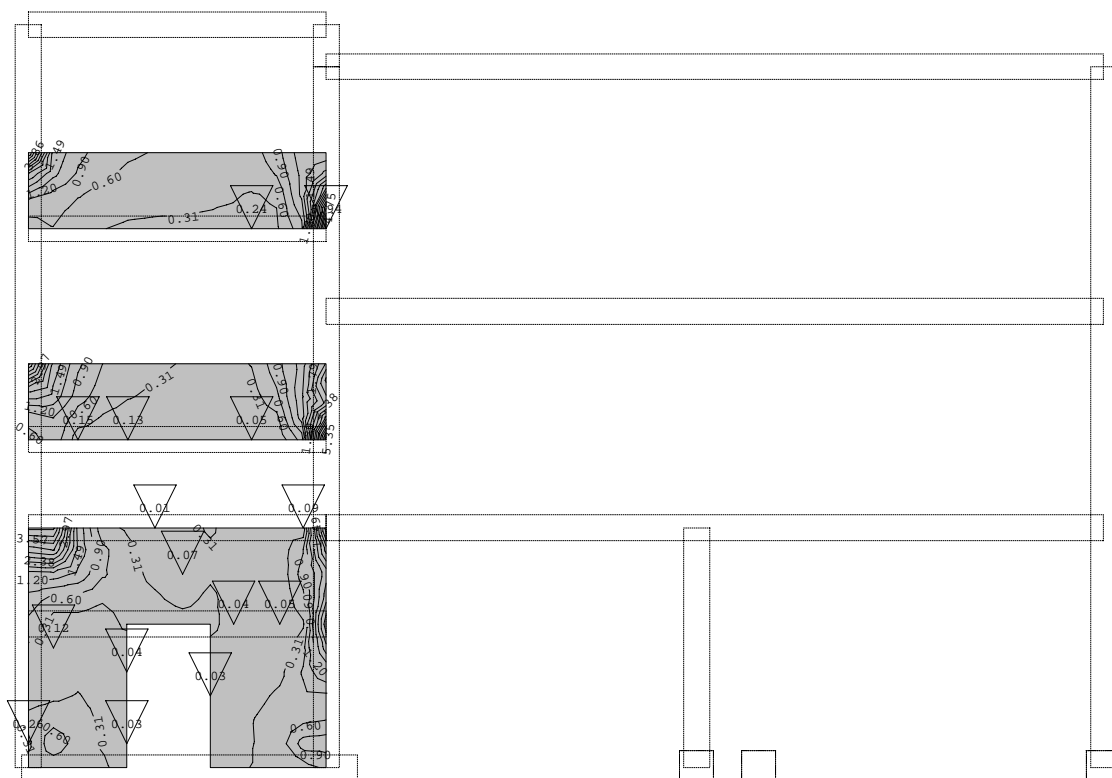
Obt. 10: sneg 1.36kN/m²



Okvir: V_9

Vplivi v plošči: max $M_y = 2.65$ / min $M_y = -0.28$ kNm/m

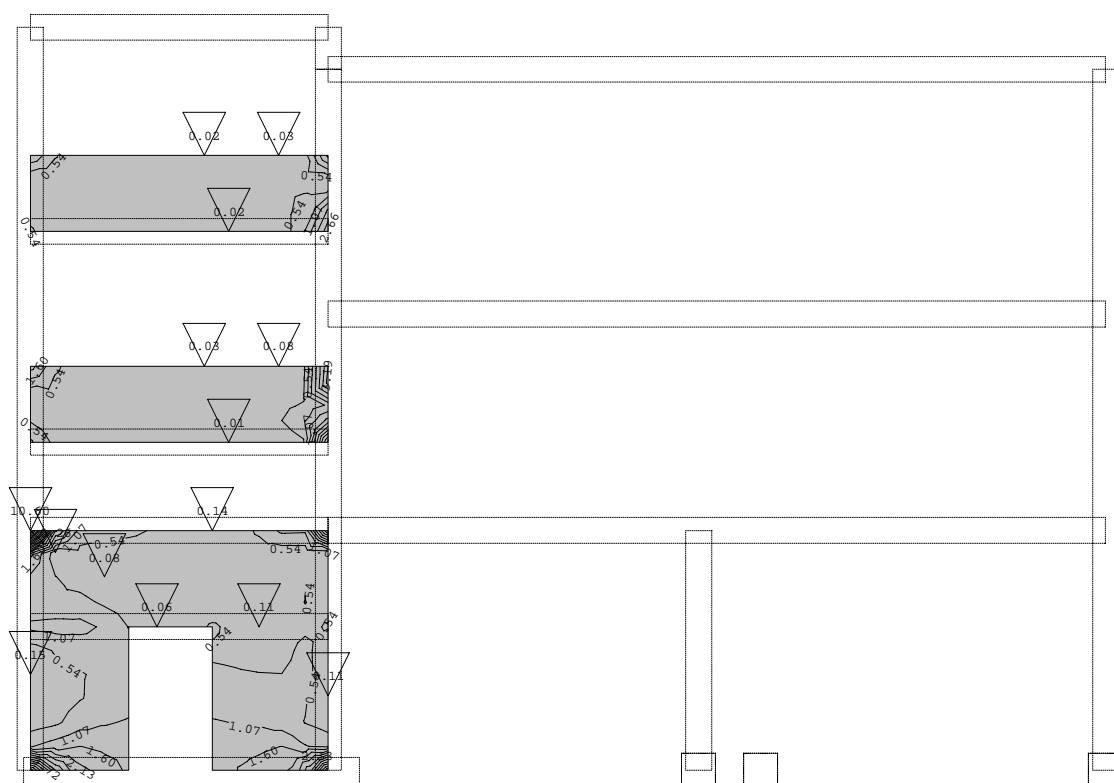
Obt. 11: px



Okvir: V_9

Vplivi v plošči: max $M_x = 5.94$ / min $M_x = 0.01$ kNm/m

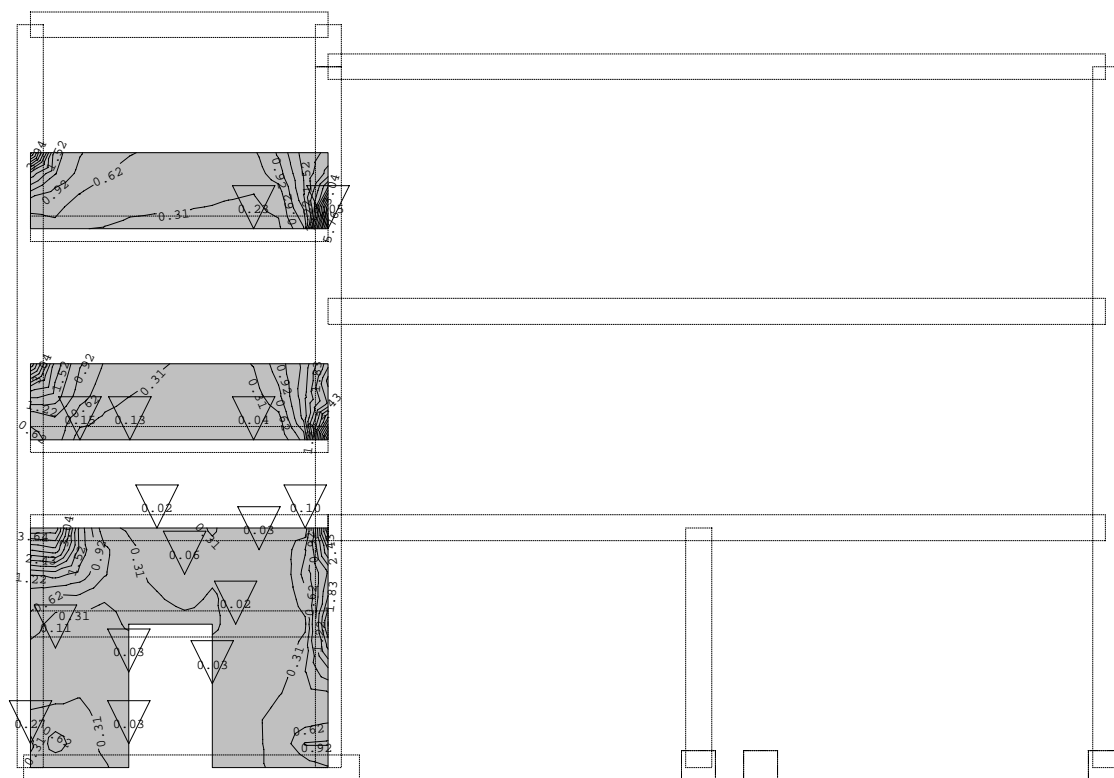
Obt. 11: px



Okvir: V_9

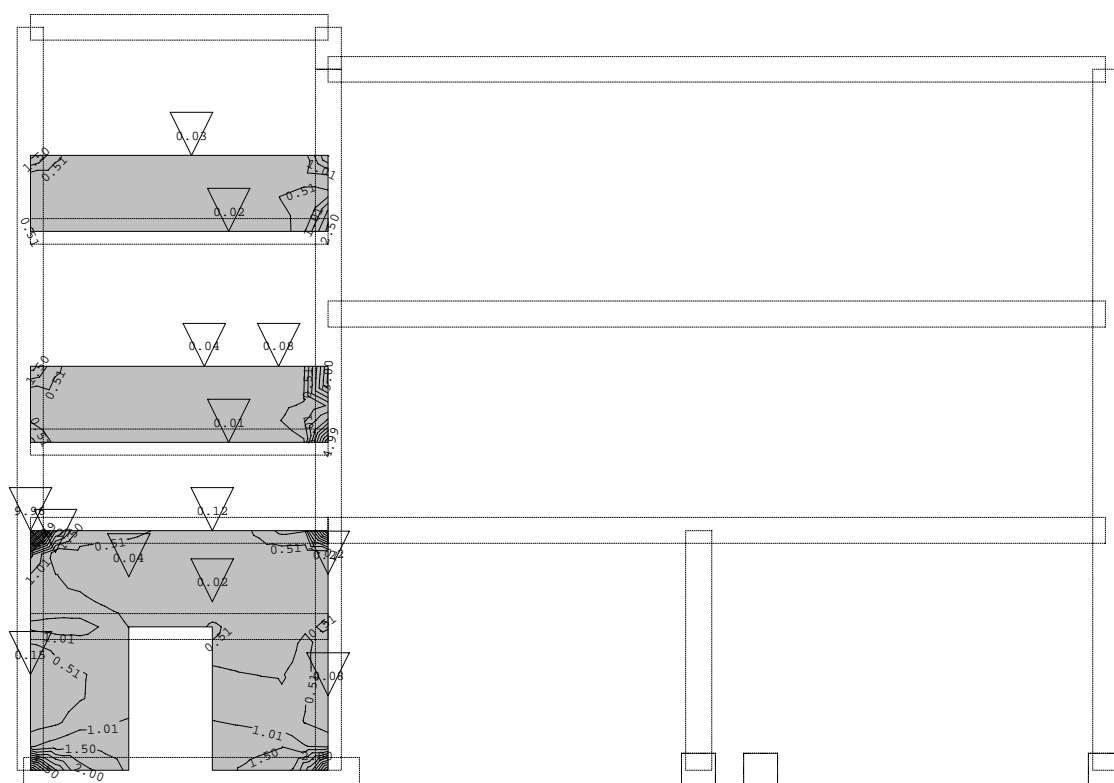
Vplivi v plošči: max $M_y = 10.60$ / min $M_y = 0.01$ kNm/m

Obt. 12: py

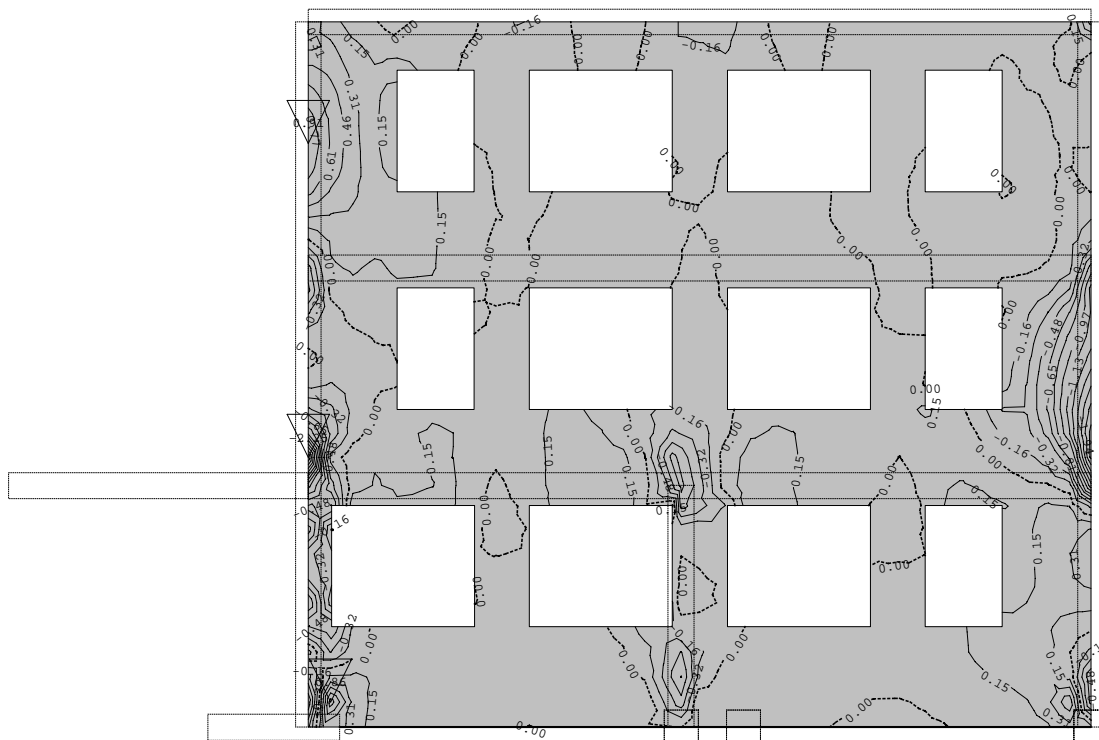


Okvir: V_9

Vplivi v plošči: max $M_x = 6.05$ / min $M_x = 0.02$ kNm/m

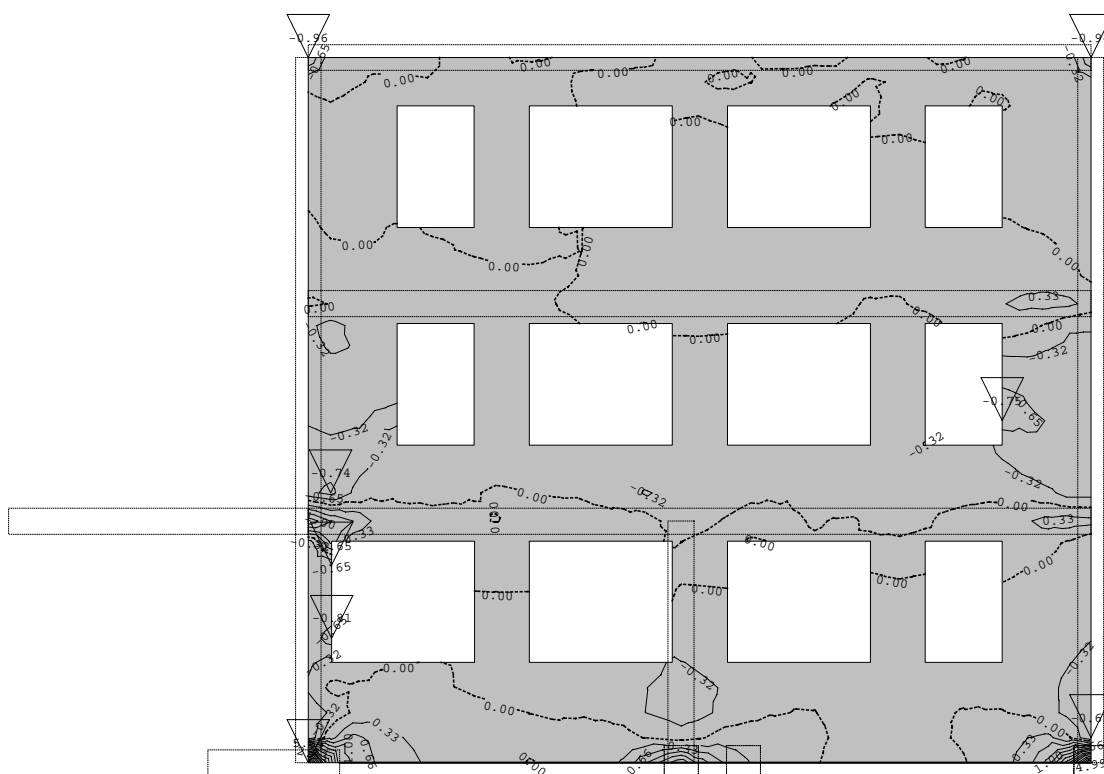


Obt. 1: lastna+stalna 1.7;2.9kN/m2 (g)



Vplivi v plošči: max $M_x = 0.91$ / min $M_x = -2.25$ kNm/m

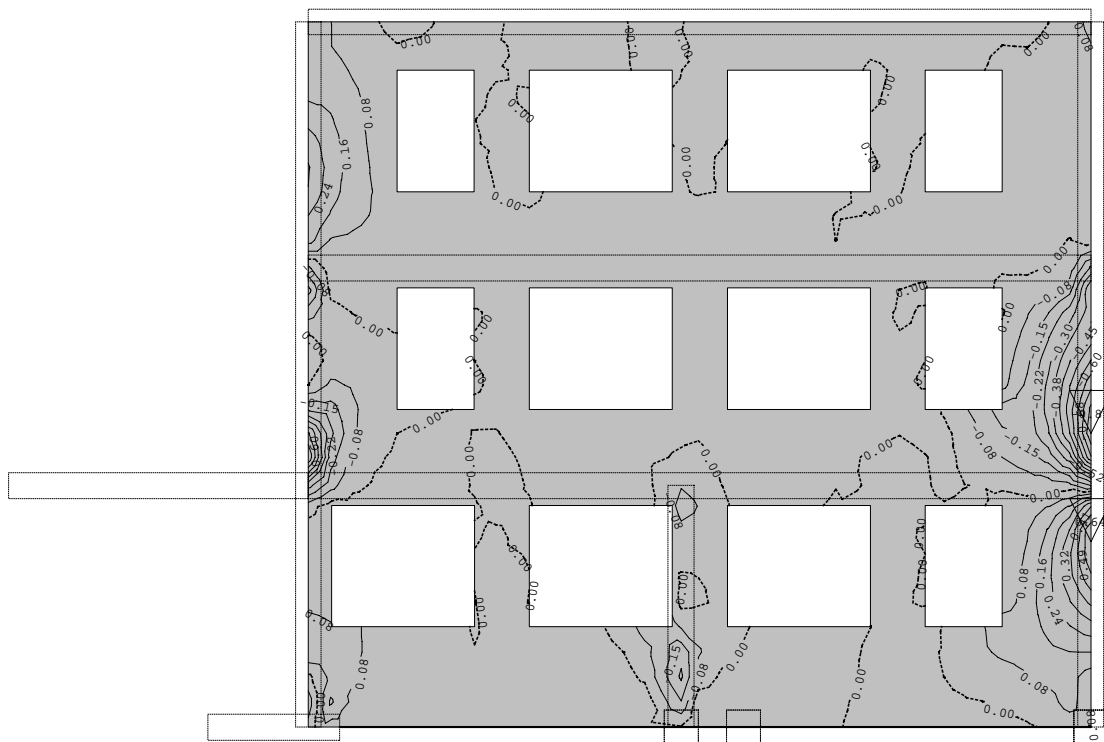
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: V_10

Vplivi v plošči: max $M_y = 5.64$ / min $M_y = -0.96$ kNm/m

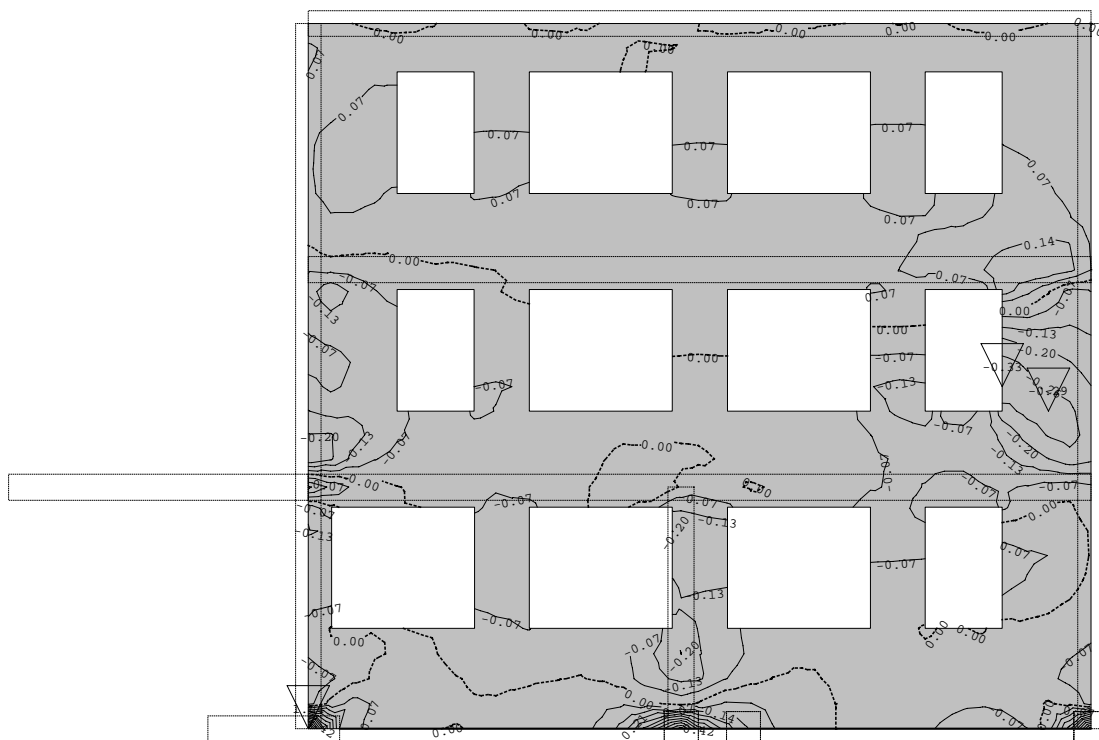
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: V_10

Vplivi v plošči: max $M_x = 0.64$ / min $M_x = -0.89$ kNm/m

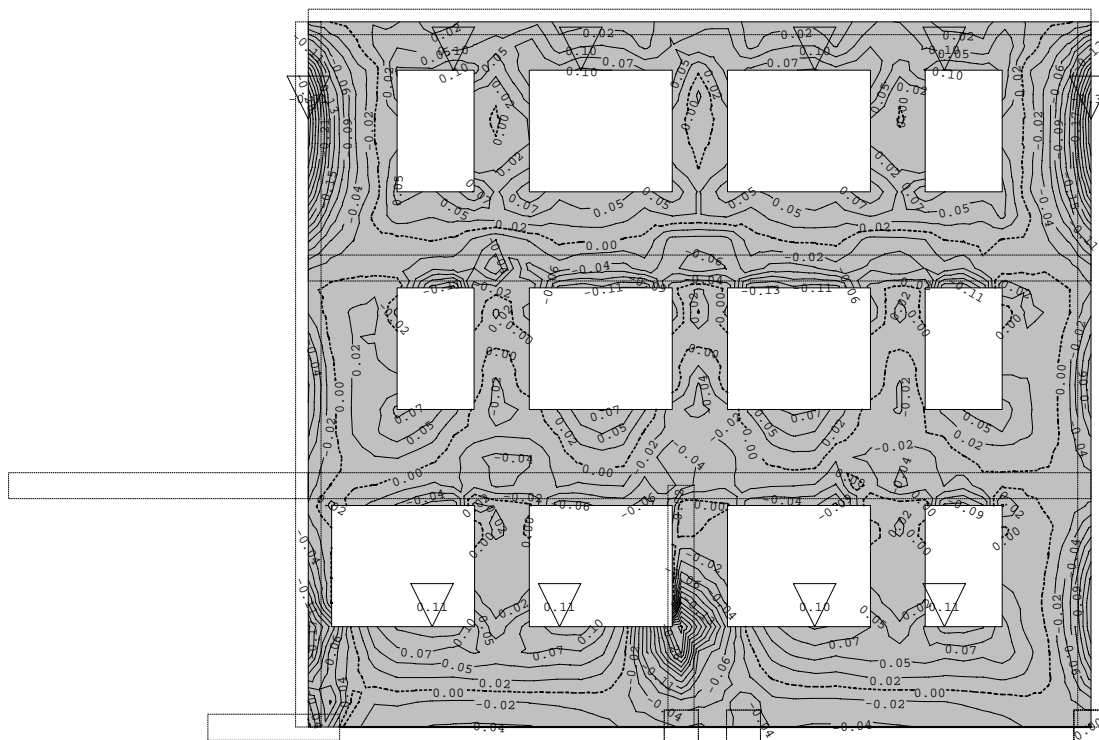
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: V_10

Vplivi v plošči: max $M_y = 1.04$ / min $M_y = -0.33$ kNm/m

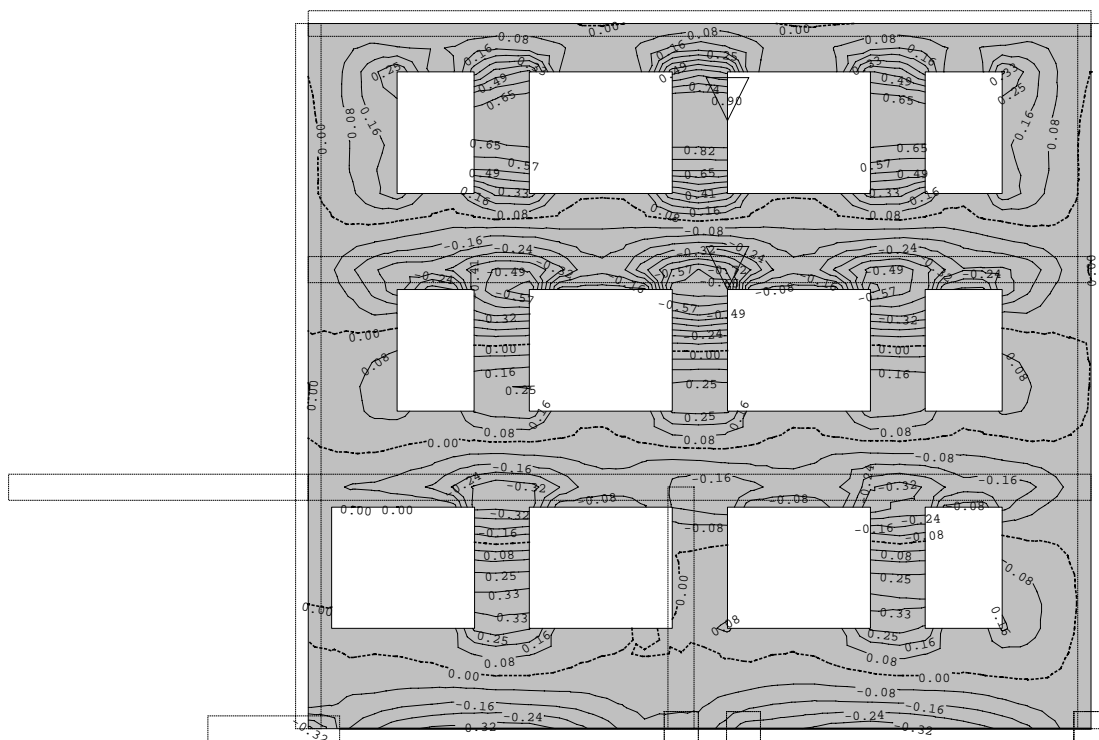
Obt. 6: veter +x



Okvir: V_10

Vplivi v plošči: max $M_x = 0.11$ / min $M_x = -0.32$ kNm/m

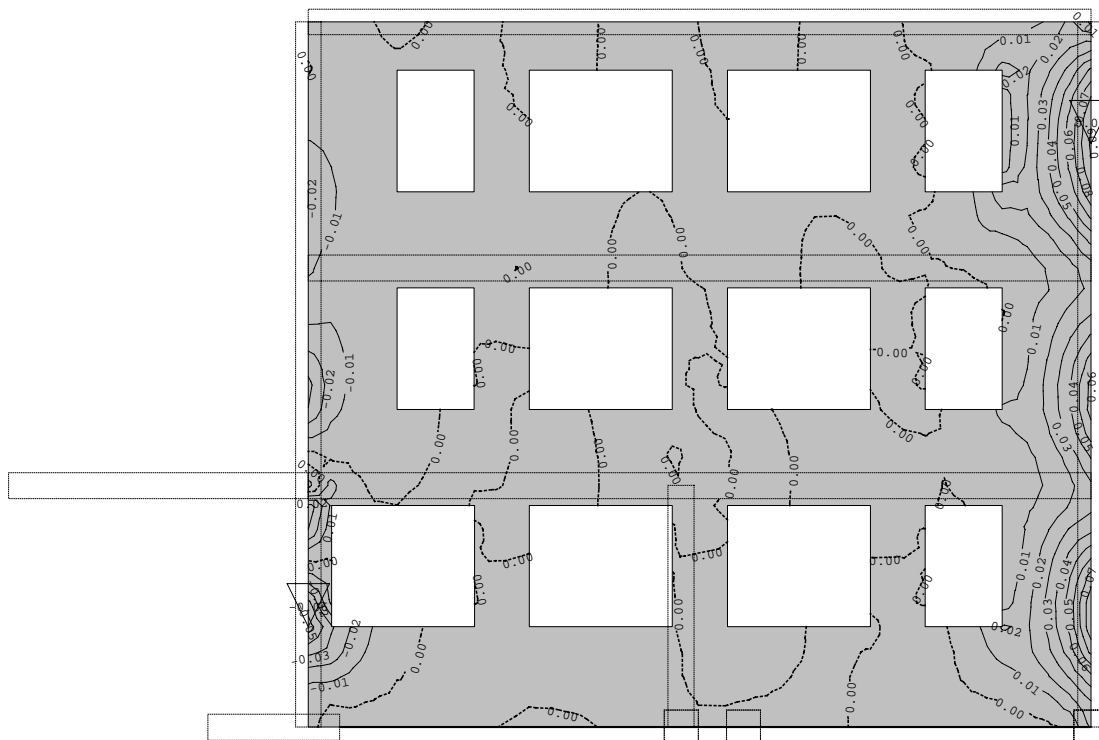
Obt. 6: veter +x



Okvir: V_10

Vplivi v plošči: max $M_y = 0.90$ / min $M_y = -0.72$ kNm/m

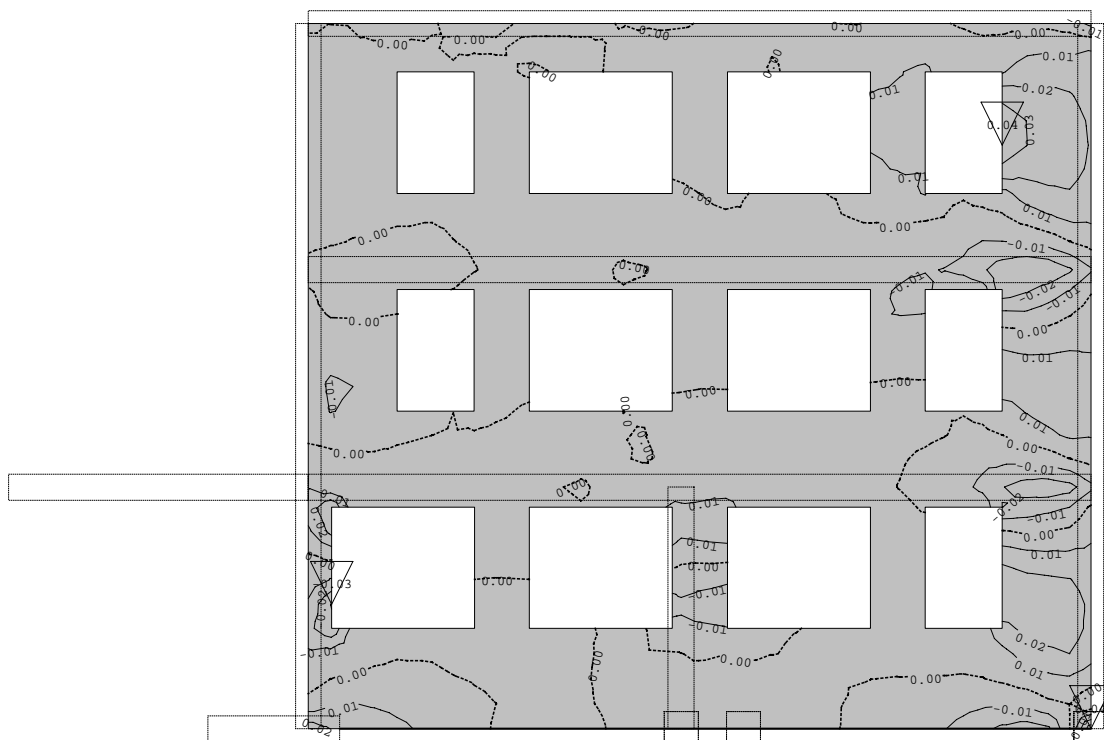
Obt. 8: veter +y



Okvir: V_10

Vplivi v plošči: max $M_x = 0.09$ / min $M_x = -0.06$ kNm/m

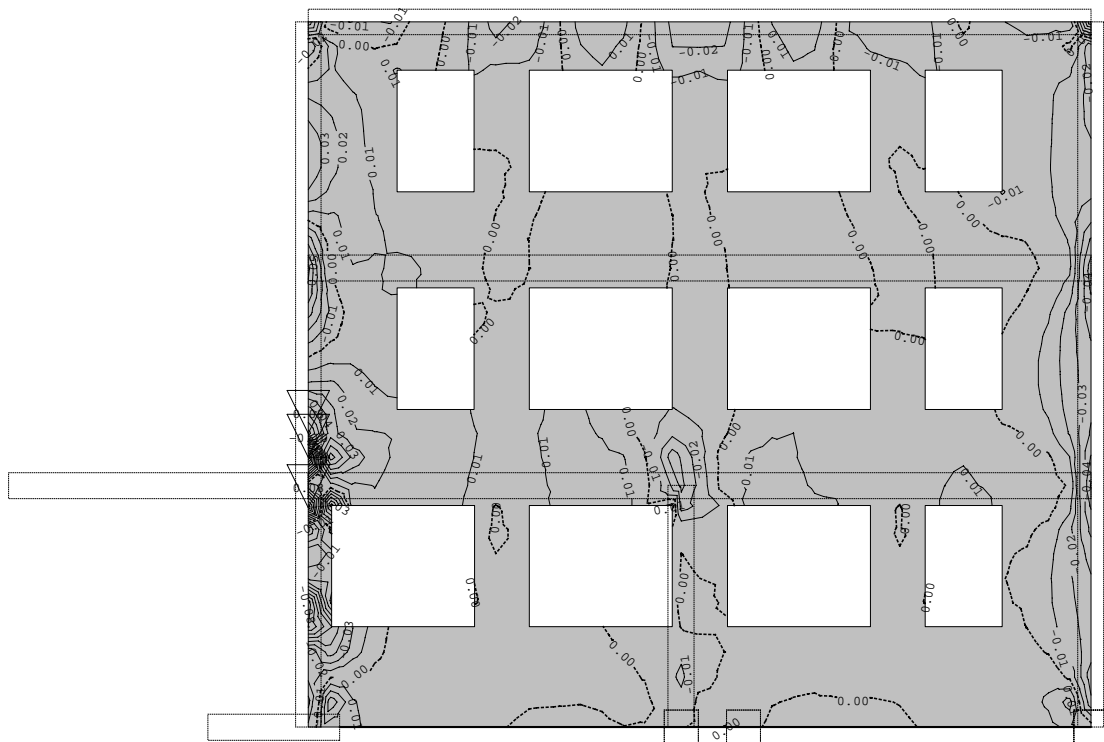
Obt. 8: veter +y



Okvir: V_10

Vplivi v plošči: max $M_y = 0.04$ / min $M_y = -0.03$ kNm/m

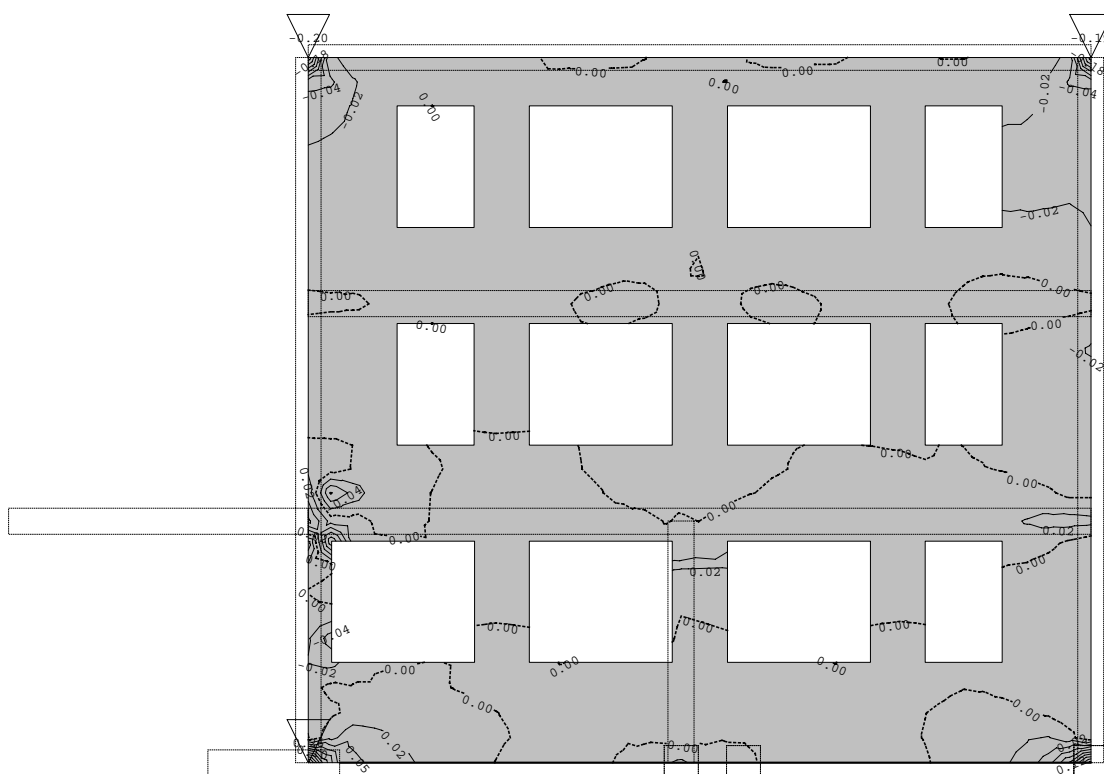
Obt. 10: sneg 1.36kN/m²



Okvir: V_10

Vplivi v plošči: max $M_x = 0.08$ / min $M_x = -0.10$ kNm/m

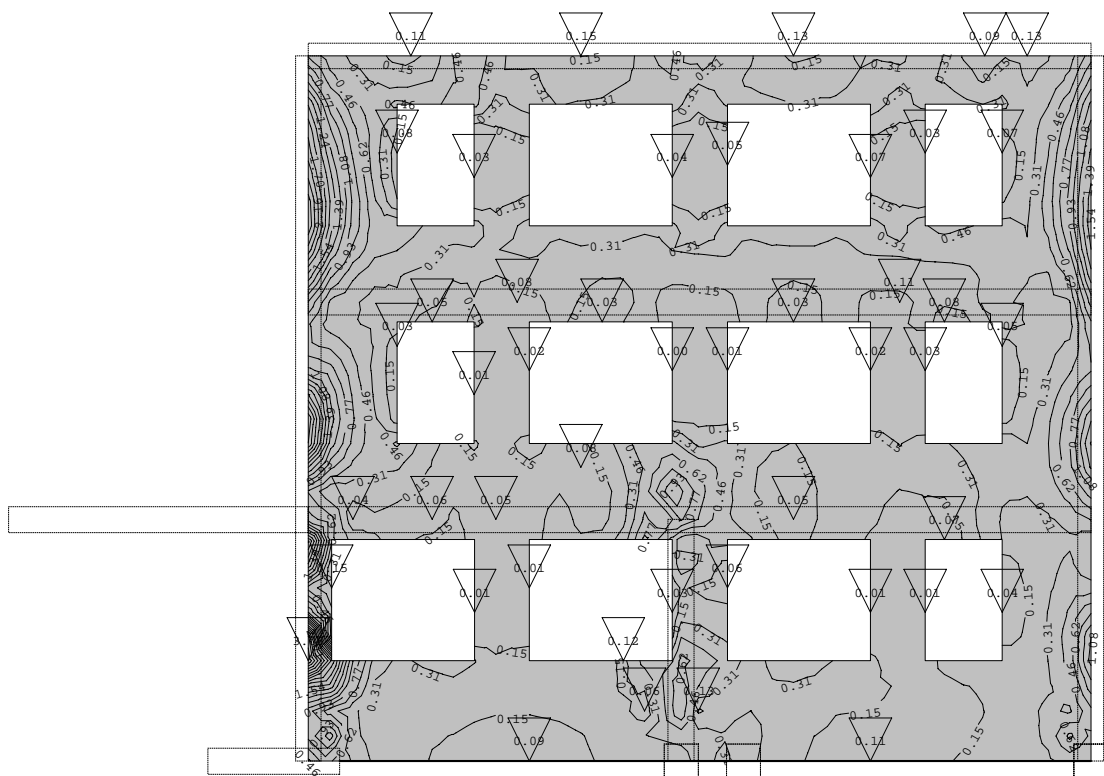
Obt. 10: sneg 1.36kN/m²



Okvir: V_10

Vplivi v plošči: max $M_y = 0.26$ / min $M_y = -0.20$ kNm/m

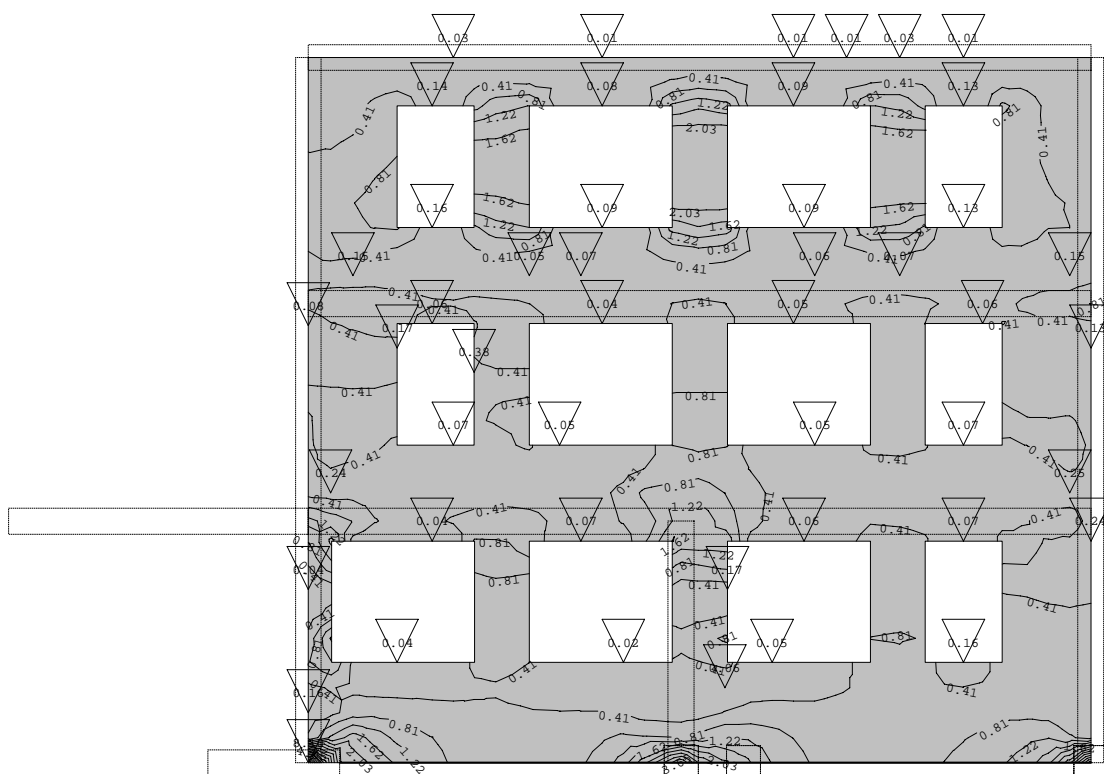
Obt. 11: px



Okvir: V_10

Vplivi v plošči: max $M_x = 3.08$ / min $M_x = 0.00$ kNm/m

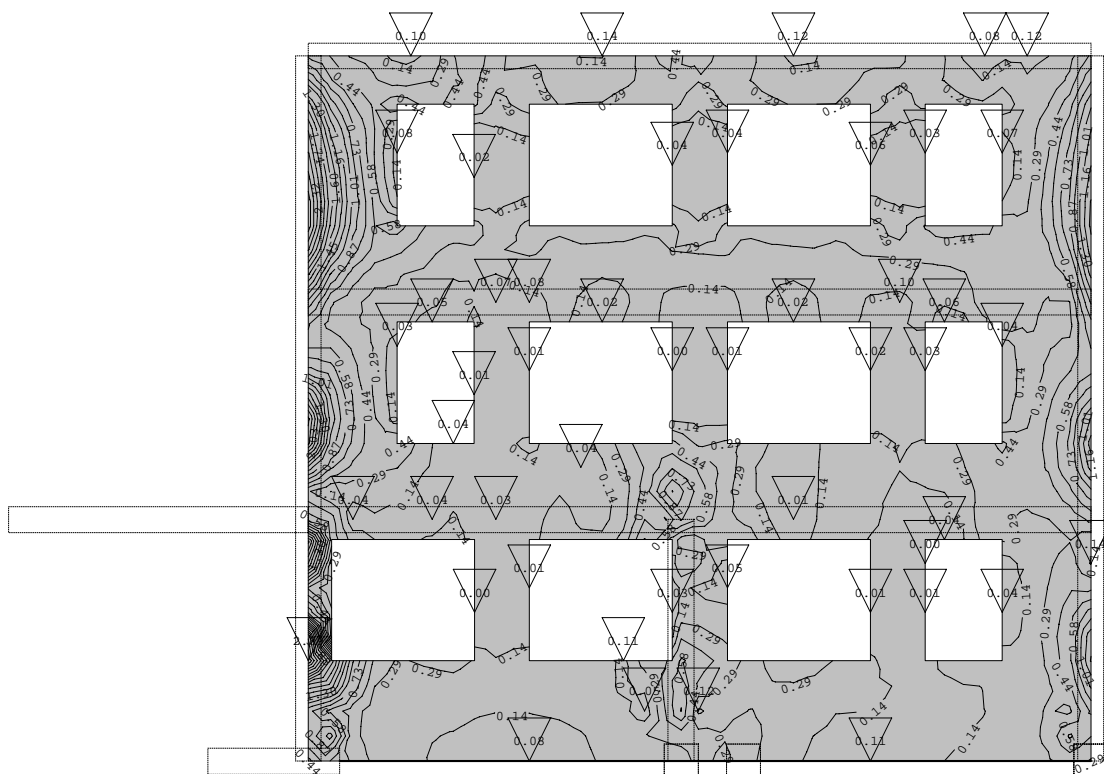
Obt. 11: px



Okvir: V_10

Vplivi v plošči: max $M_y = 8.10$ / min $M_y = 0.01$ kNm/m

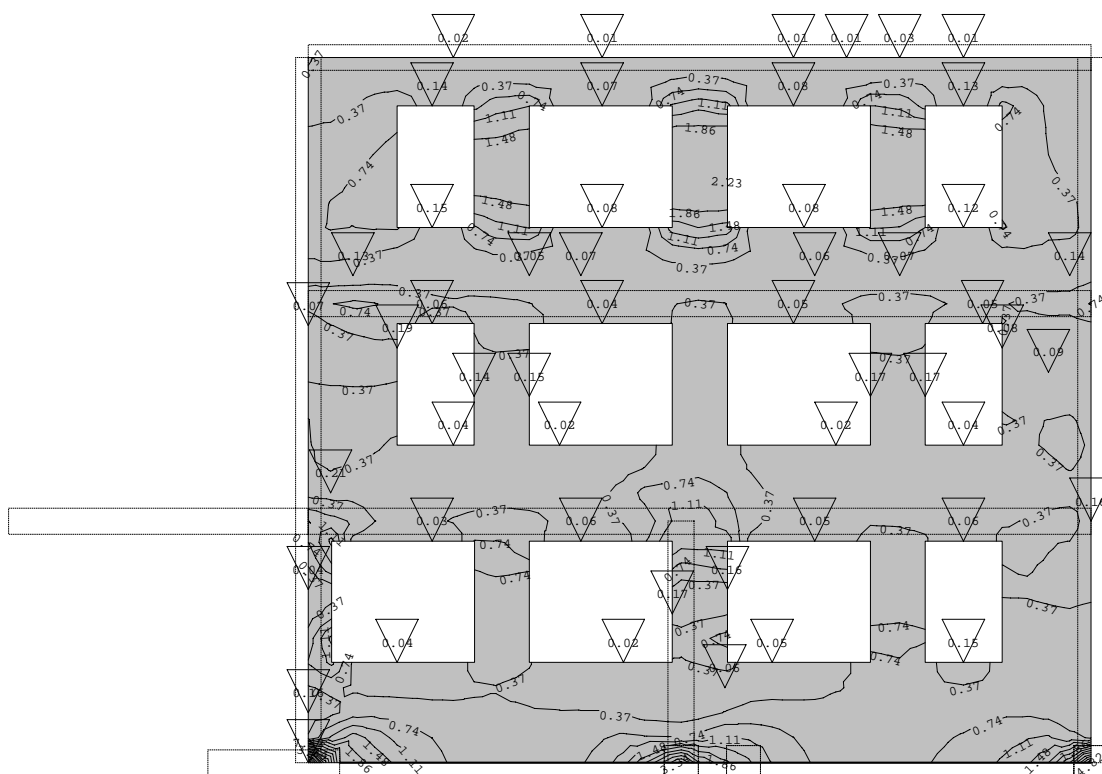
Obt. 12: py



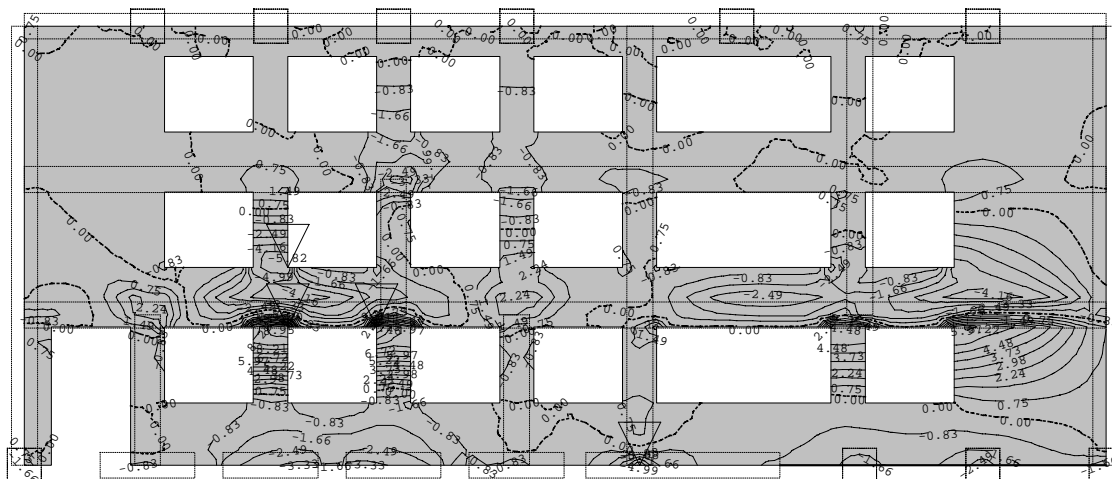
Okvir: V_10

Vplivi v plošči: max $M_x = 2.89$ / min $M_x = 0.00$ kNm/m

Obt. 12: py



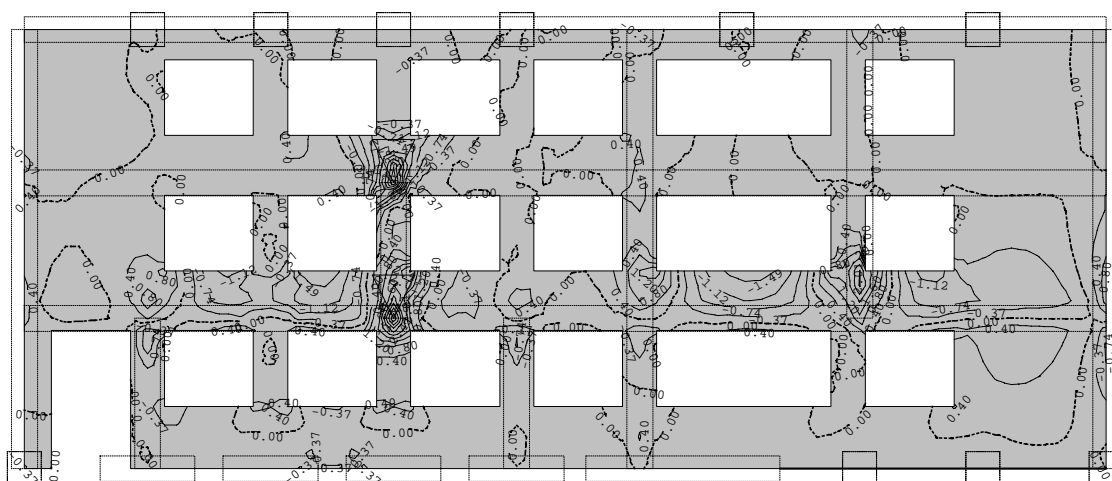
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: H_5

Vplivi v plošči: max $M_y = 9.70$ / min $M_y = -5.82$ kNm/m

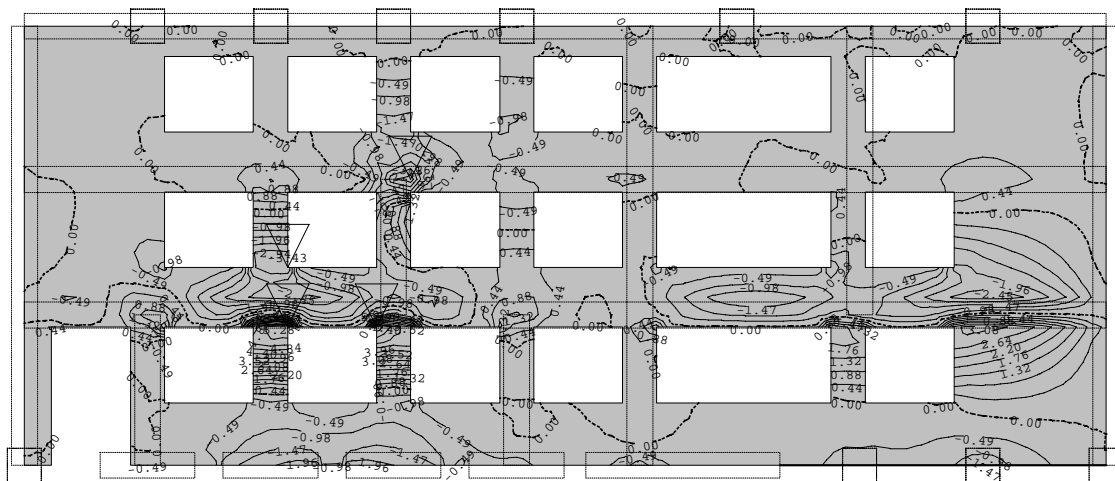
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: H_5

Vplivi v plošči: max $M_x = 4.00$ / min $M_x = -3.71$ kNm/m

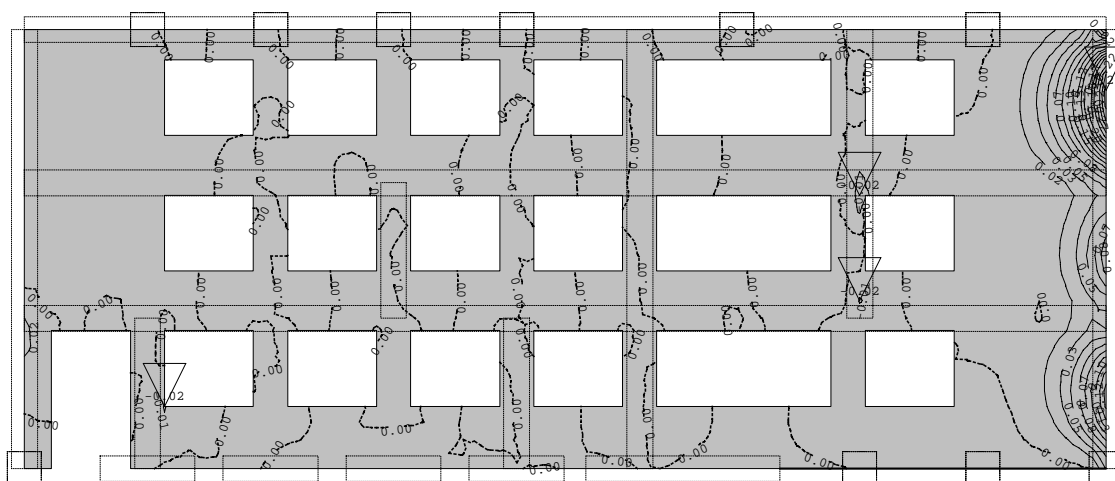
Obt. 2: 1.koristna 4 ; 6kN/m2



Okvir: H_5

Vplivi v plošči: max $M_y = 5.71$ / min $M_y = -3.43$ kNm/m

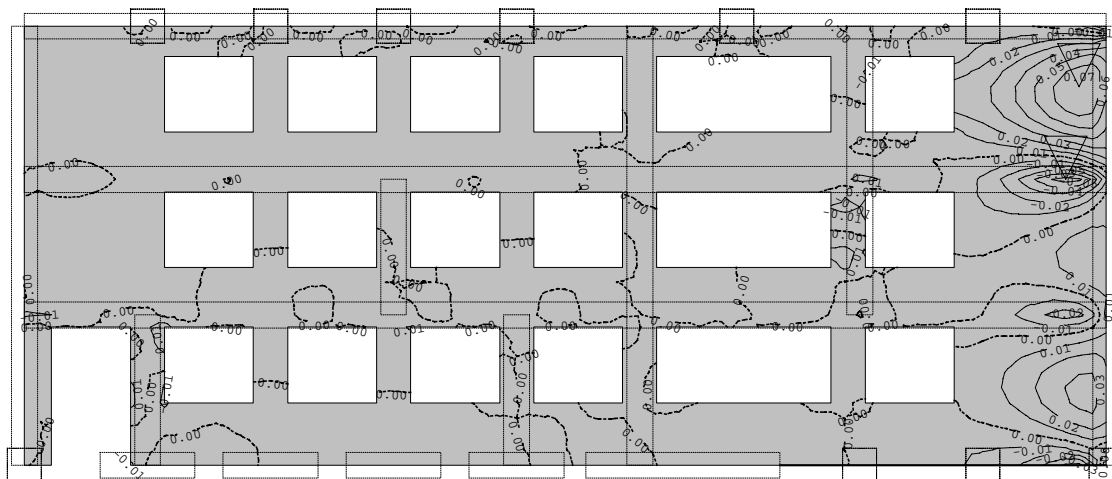
Obt. 6: veter +x



Okvir: H_5

Vplivi v plošči: max $M_x = 0.29$ / min $M_x = -0.02$ kNm/m

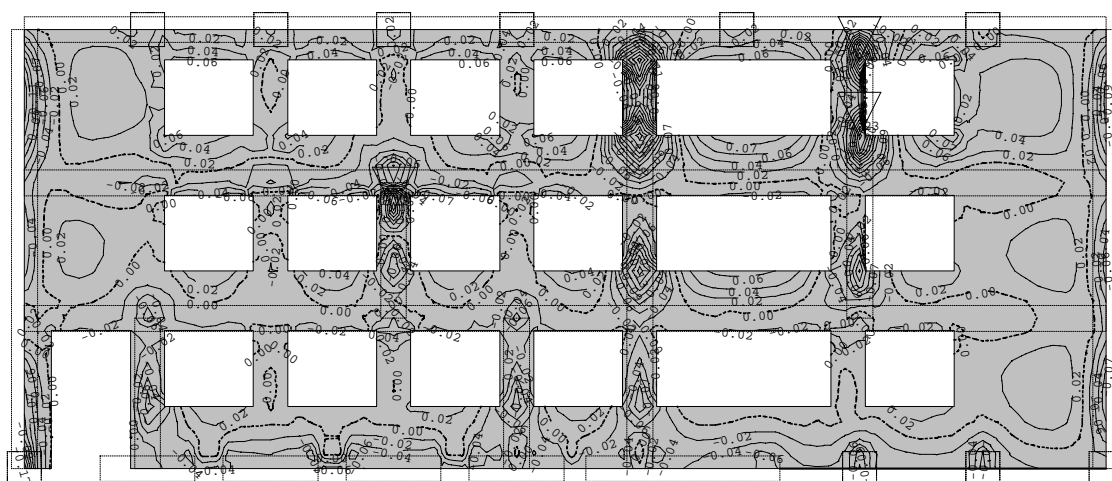
Obt. 6: veter +x



Okvir: H_5

Vplivi v plošči: max $M_y = 0.07$ / min $M_y = -0.05$ kNm/m

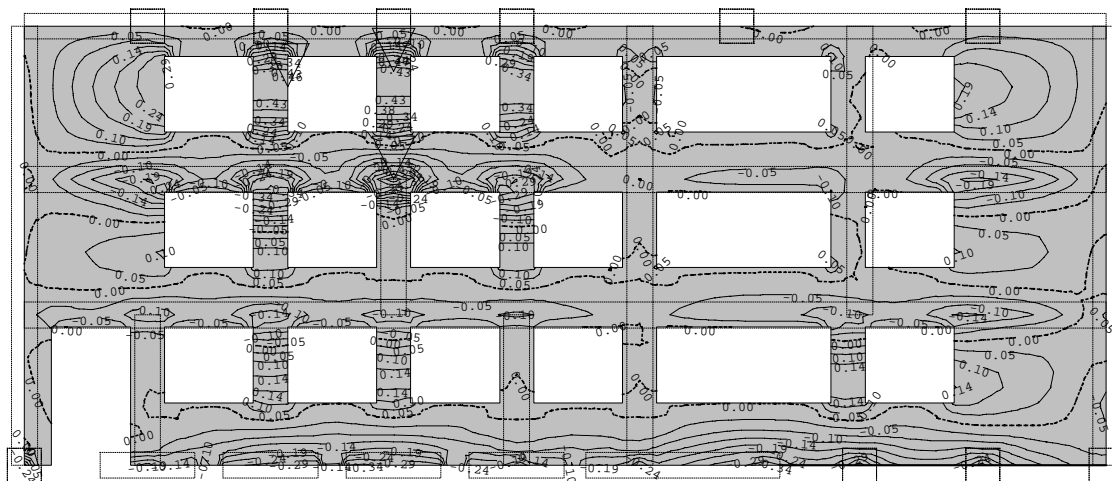
Obt. 8: veter +y



Okvir: H_5

Vplivi v plošči: max $M_x = 0.13$ / min $M_x = -0.23$ kNm/m

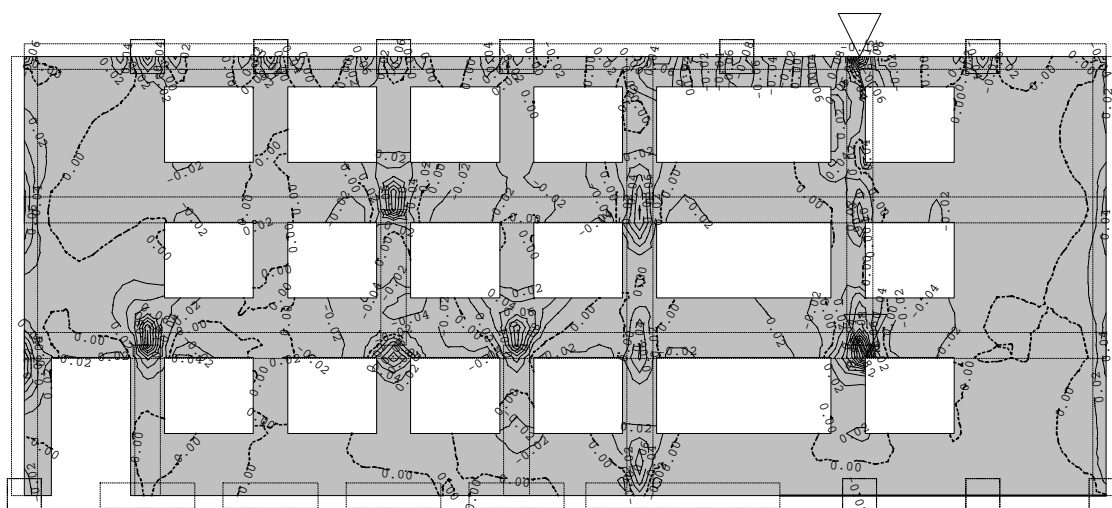
Obt. 8: veter +y



Okvir: H_5

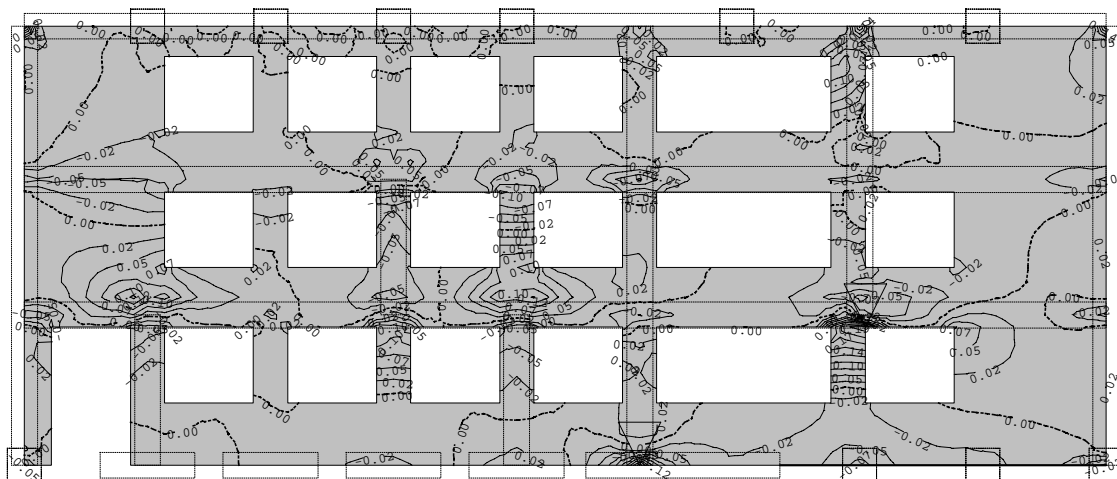
Vplivi v plošči: max $M_y = 0.47$ / min $M_y = -0.47$ kNm/m

Obt. 10: sneg 1.36kN/m²

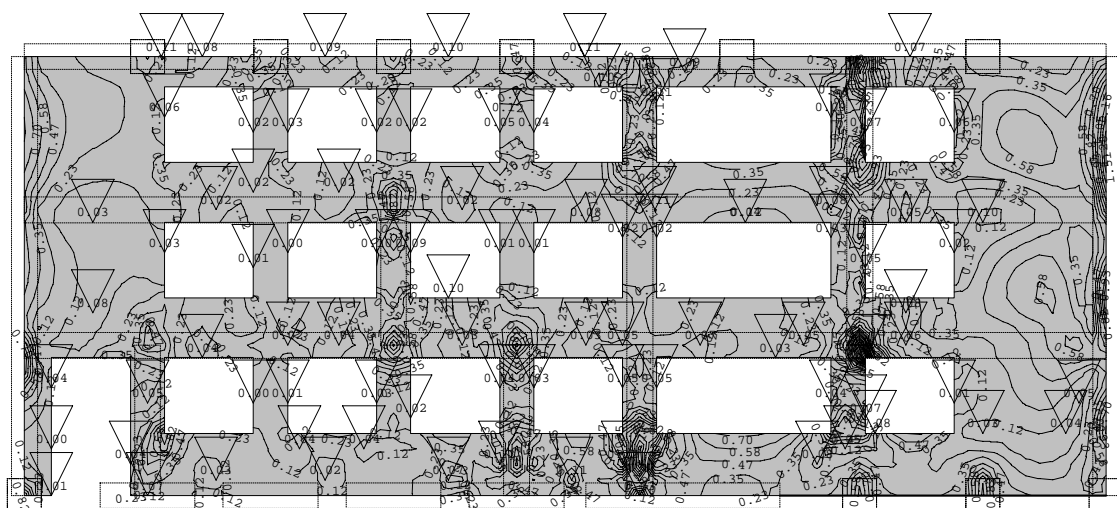


Okvir: H_5

Vplivi v plošči: max $M_x = 0.22$ / min $M_x = -0.16$ kNm/m

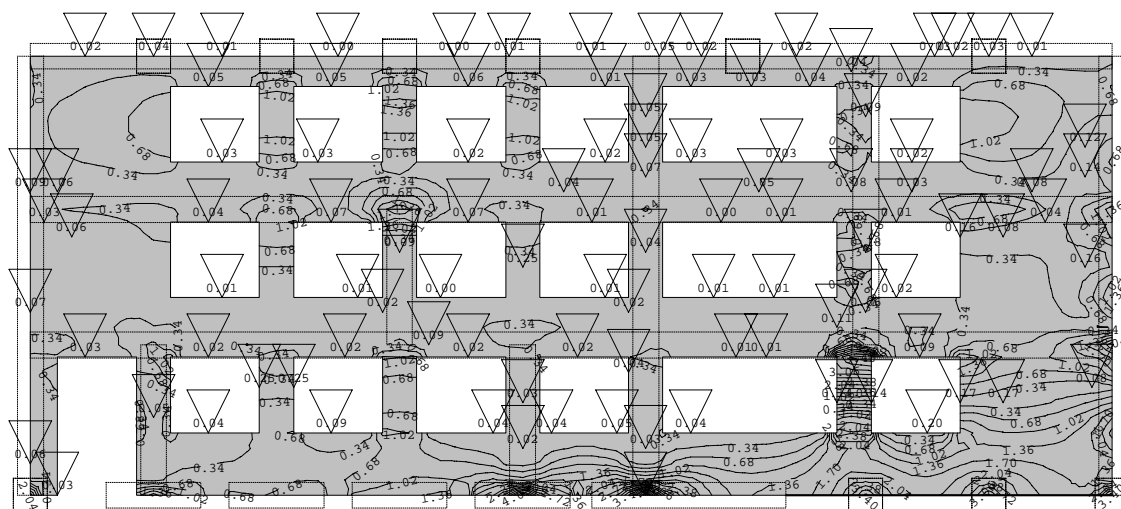


v pliv v plus
Obt. 11: px



Vplivi v plošči: max $M_x = 2.33$ / min $M_x = 0.00$ kNm/m

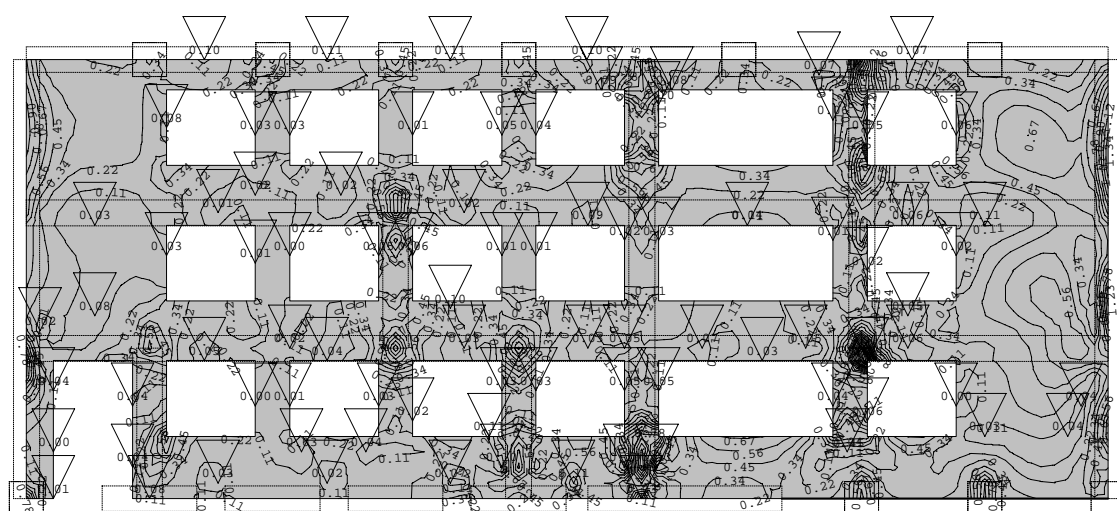
Obt. 11: px



Okvir: H_5

Vplivi v plošči: max $M_y = 6.80$ / min $M_y = 0.00$ kNm/m

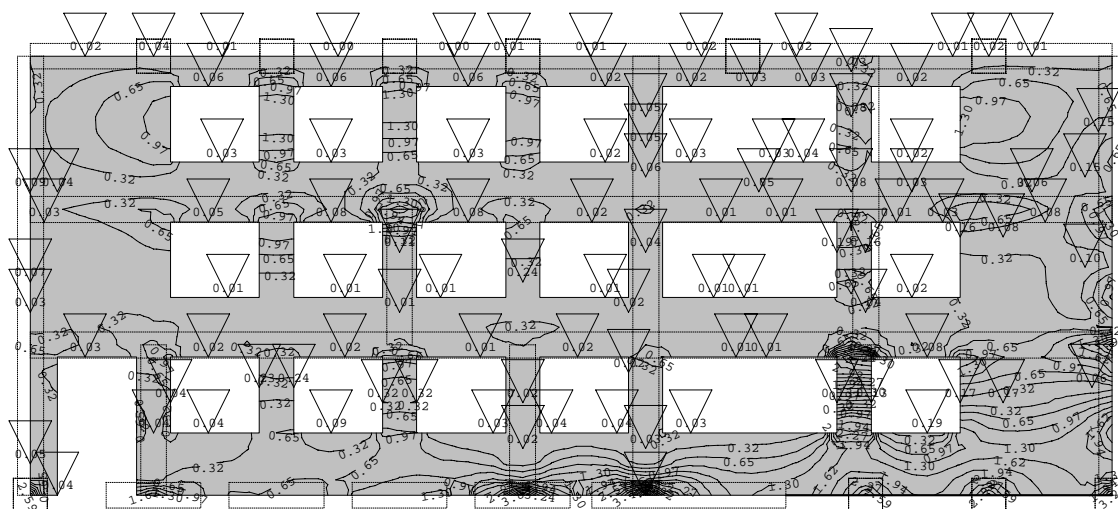
Obt. 12: py



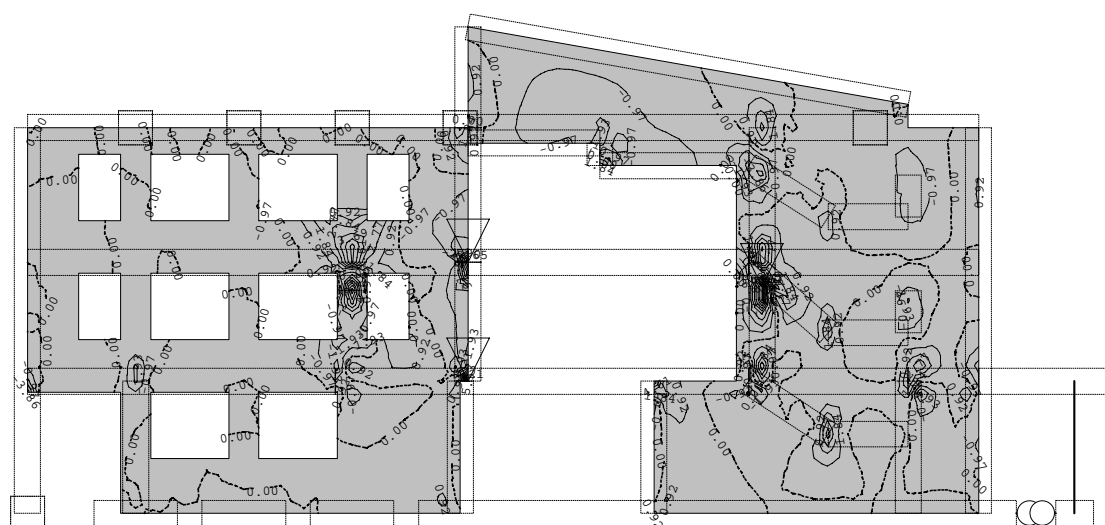
Okvir: H_5

Vplivi v plošči: max $M_x = 2.24$ / min $M_x = 0.00$ kNm/m

Obt. 12: py



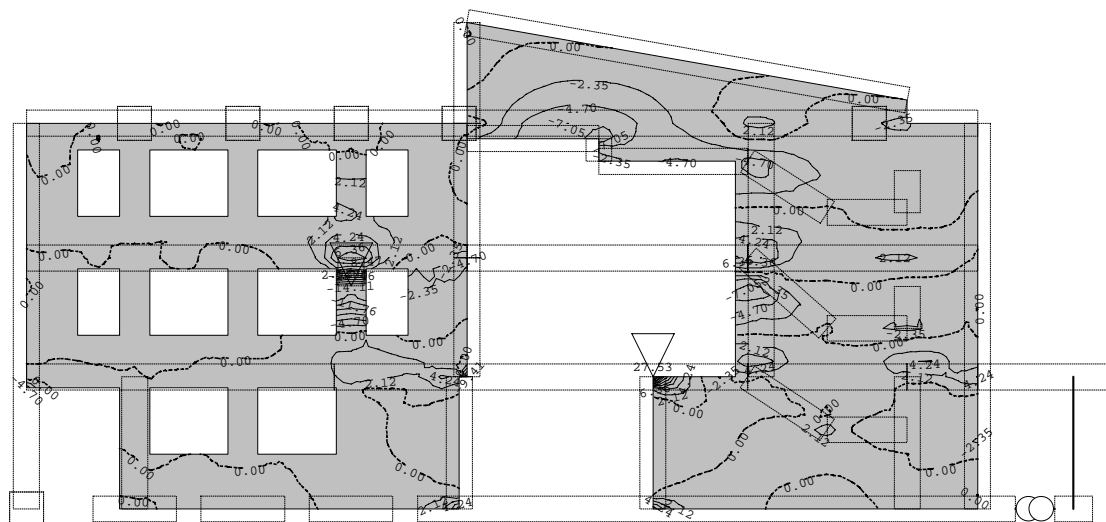
Okvir: H_5

Vplivi v plošči: max $M_y = 6.48$ / min $M_y = 0.00$ kNm/mObt. 1: lastna+stalna 1.7;2.9kN/m² (g)

Okvir: H_2

Vplivi v plošči: max $M_x = 9.21$ / min $M_x = -9.65$ kNm/m

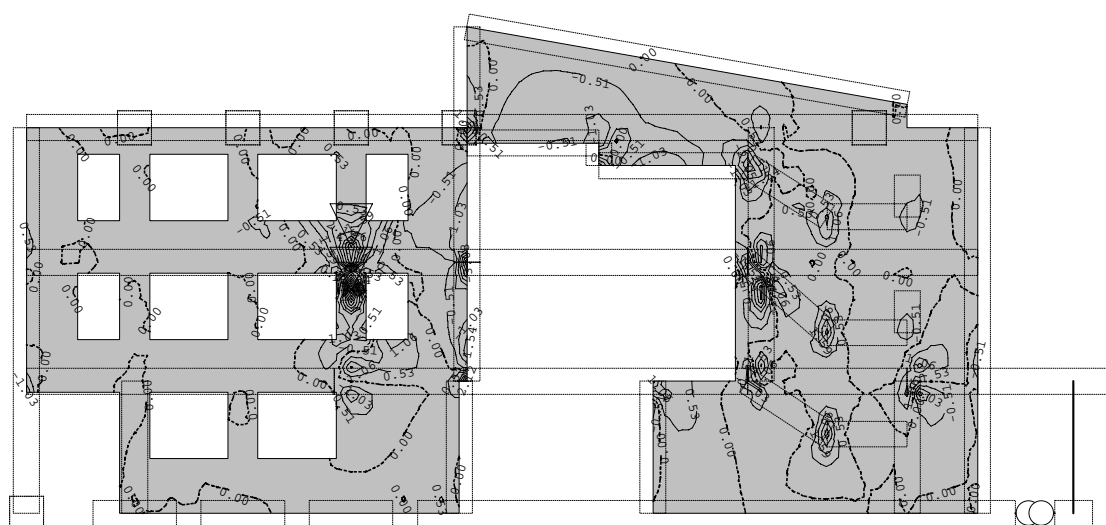
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: H_2

Vplivi v plošči: max $M_y = 27.53$ / min $M_y = -16.46$ kNm/m

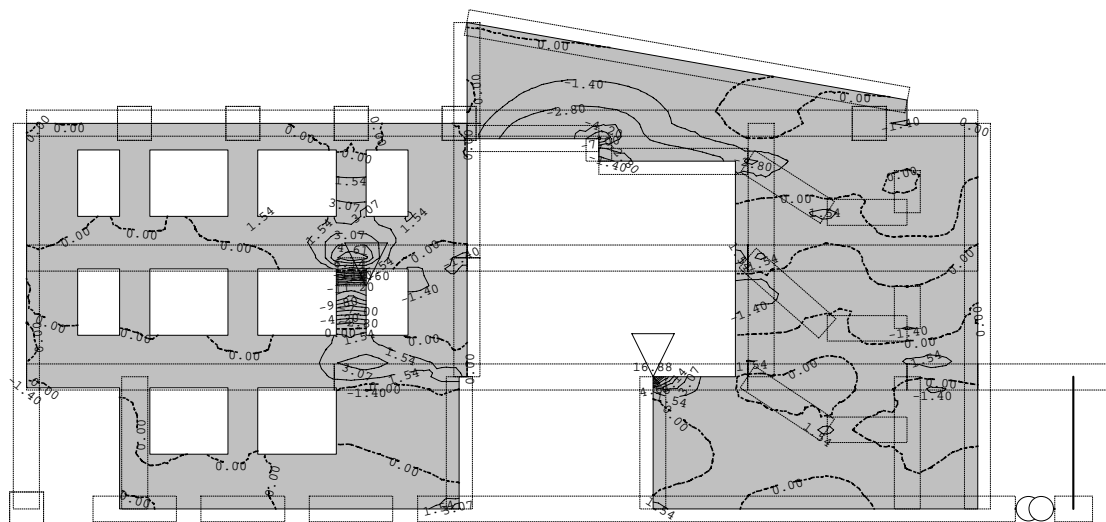
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: H_2

Vplivi v plošči: max $M_x = 4.76$ / min $M_x = -5.64$ kNm/m

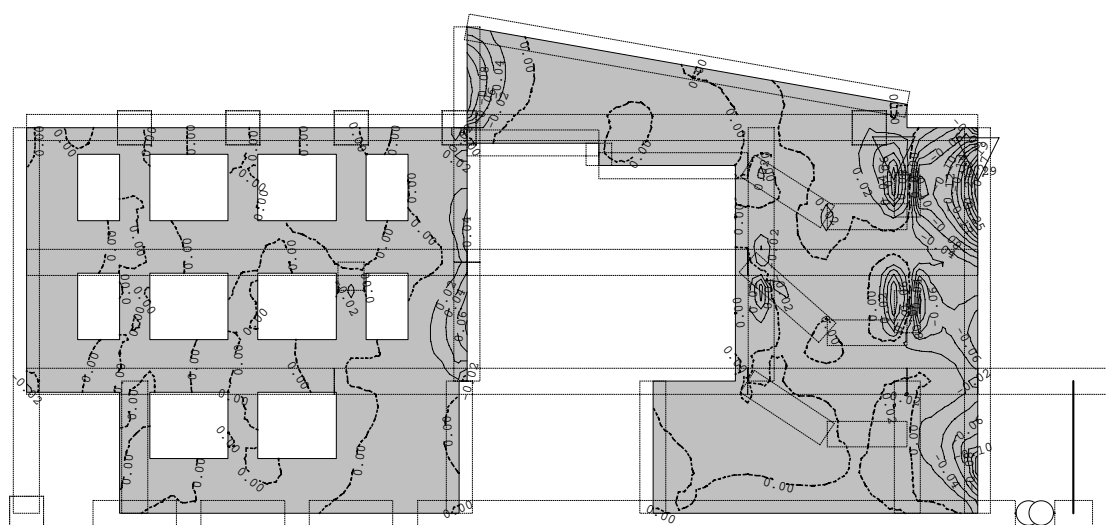
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: H_2

Vplivi v plošči: max $M_y = 16.88$ / min $M_y = -12.60$ kNm/m

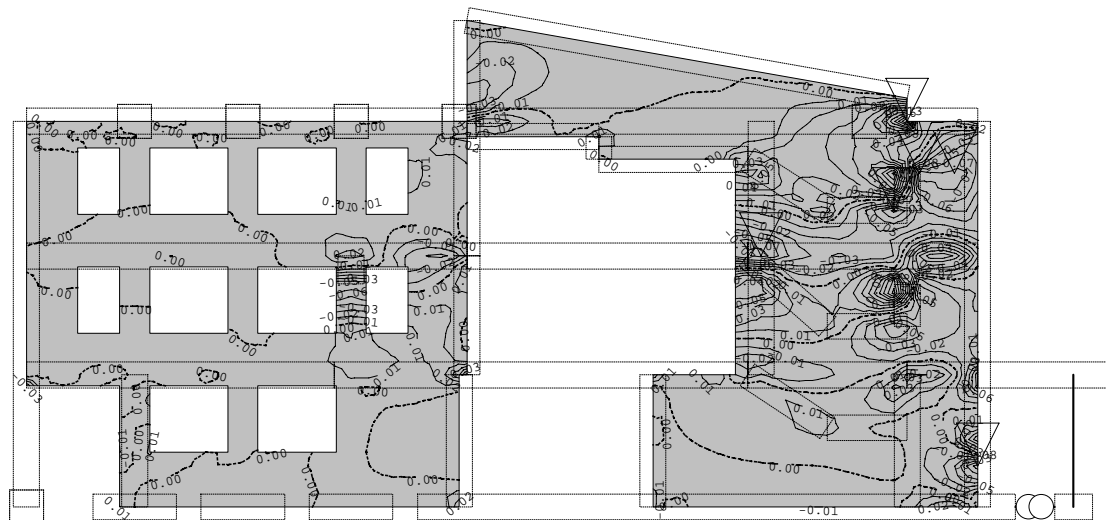
Obt. 6: veter +x



Okvir: H_2

Vplivi v plošči: max $M_x = 0.11$ / min $M_x = -0.29$ kNm/m

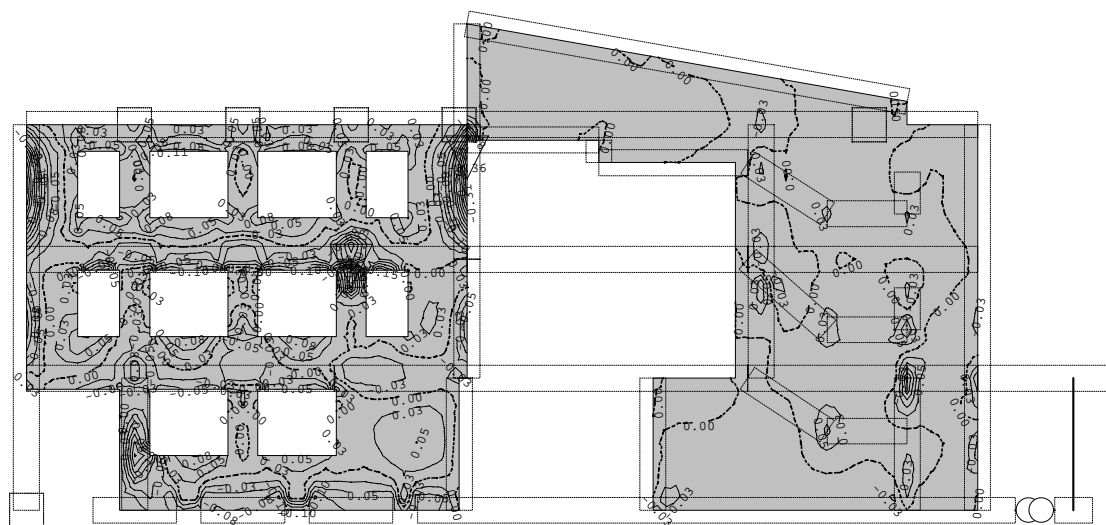
Obt. 6: veter +x



Okvir: H_2

Vplivi v plošči: max $M_y = 0.13$ / min $M_y = -0.08$ kNm/m

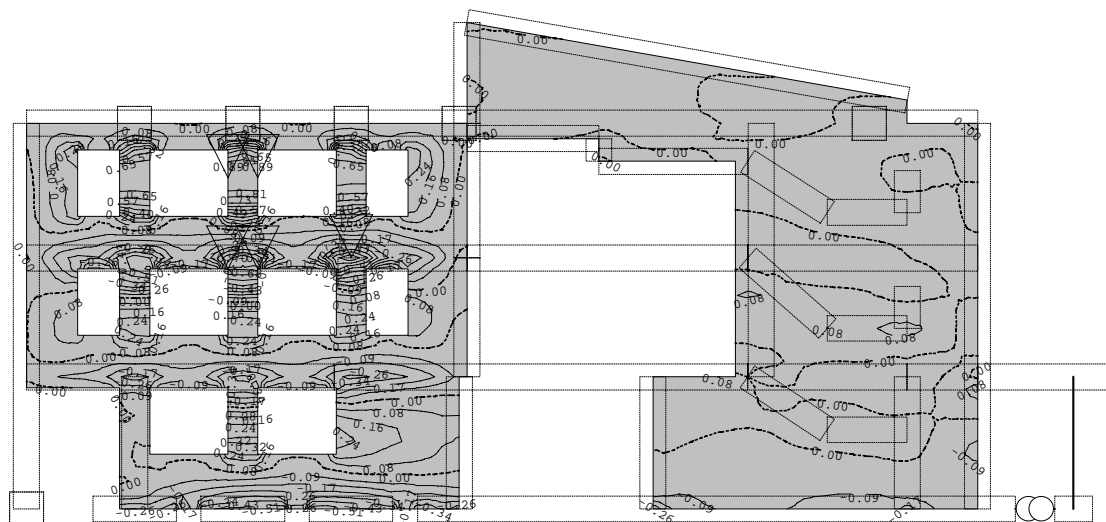
Obt. 8: veter +y



Okvir: H_2

Vplivi v plošči: max $M_x = 0.16$ / min $M_x = -0.36$ kNm/m

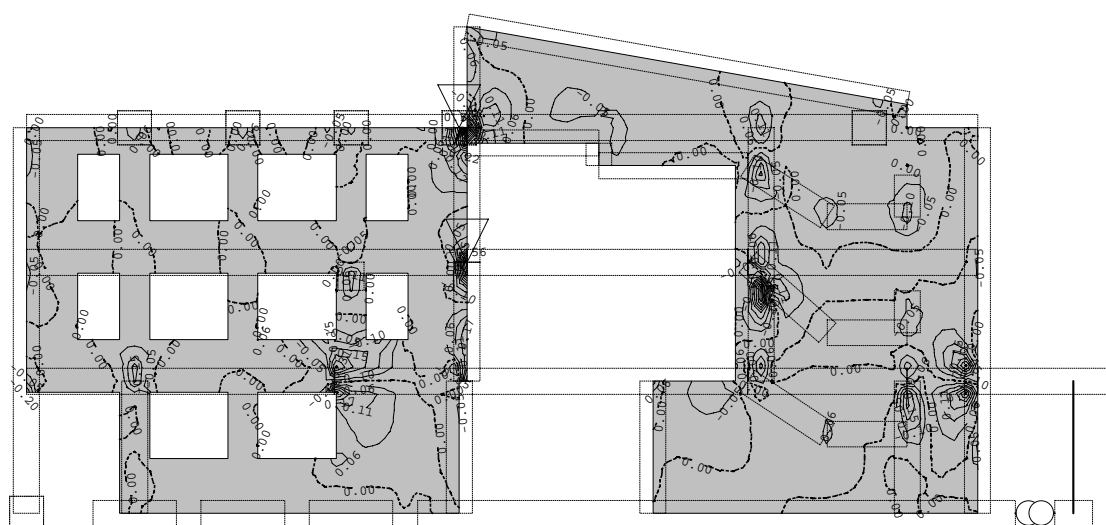
Obt. 8: veter +y



Okvir: H_2

Vplivi v plošči: max $M_y = 0.89$ / min $M_y = -0.77$ kNm/m

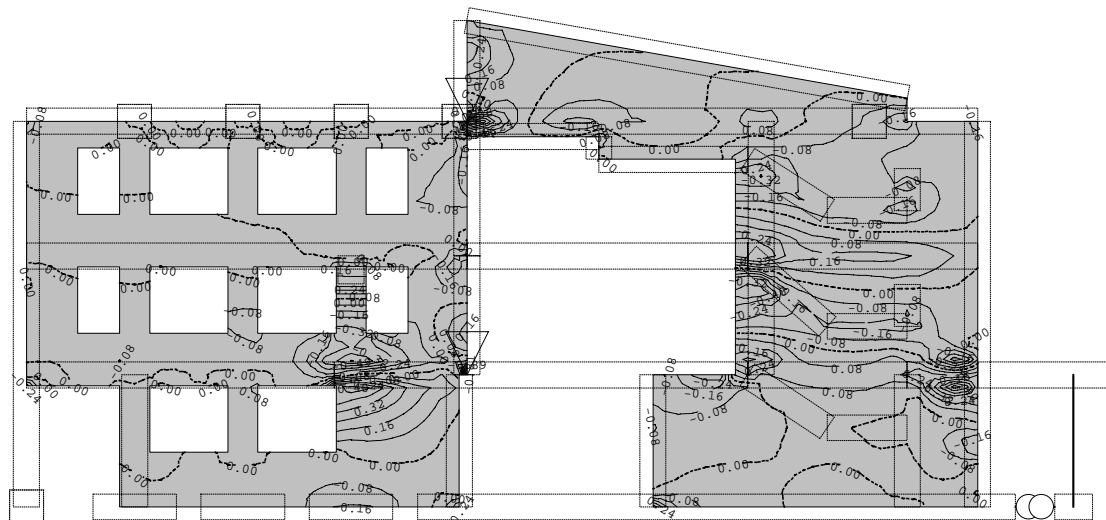
Obt. 10: sneg 1.36kN/m²



Okvir: H_2

Vplivi v plošči: max $M_x = 0.50$ / min $M_x = -0.56$ kNm/m

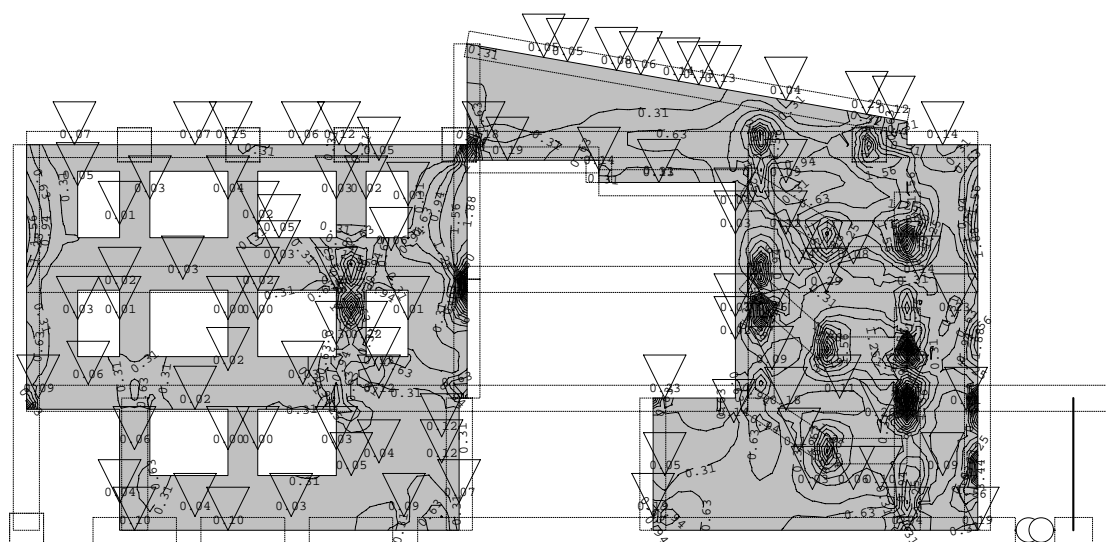
Obt. 10: sneg 1.36kN/m²



Okvir: H_2

Vplivi v plošči: max $M_y = 0.72$ / min $M_y = -0.89$ kNm/m

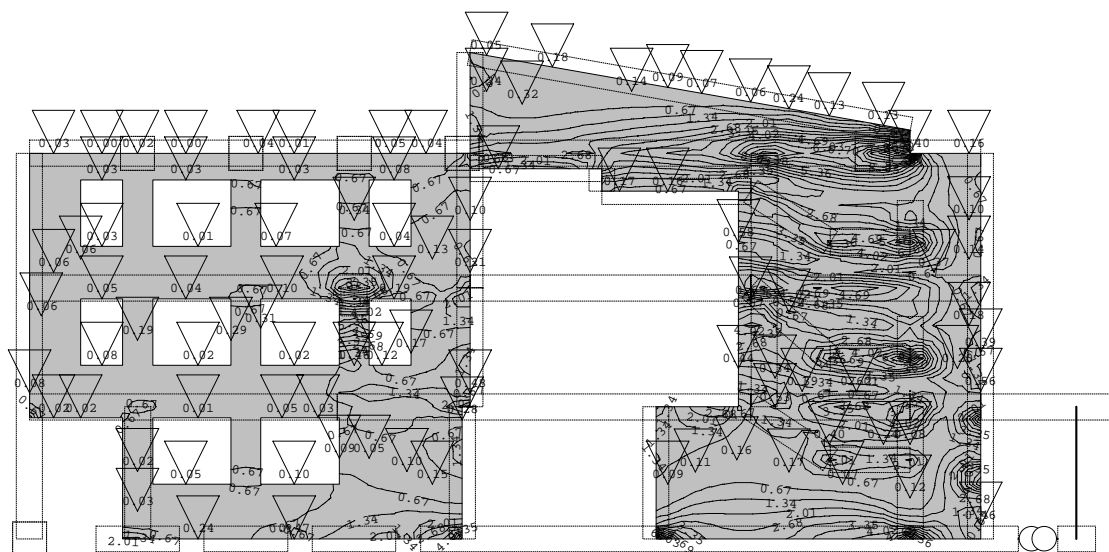
Obt. 11: px



Okvir: H_2

Vplivi v plošči: max $M_x = 6.25$ / min $M_x = 0.00$ kNm/m

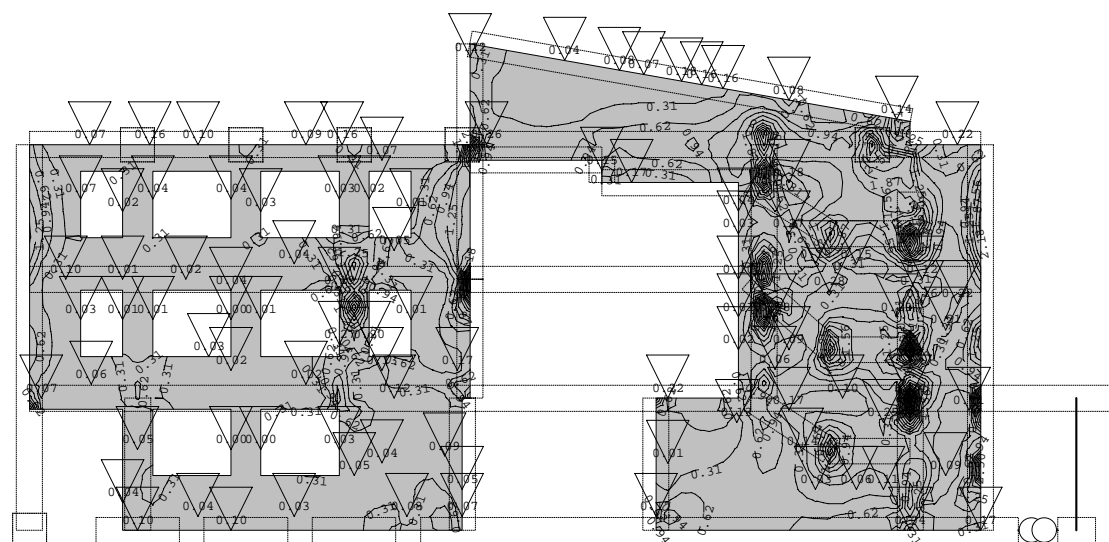
Obt. 11: px



Okvir: H_2

Vplivi v plošči: max $M_y = 13.40$ / min $M_y = 0.00$ kNm/m

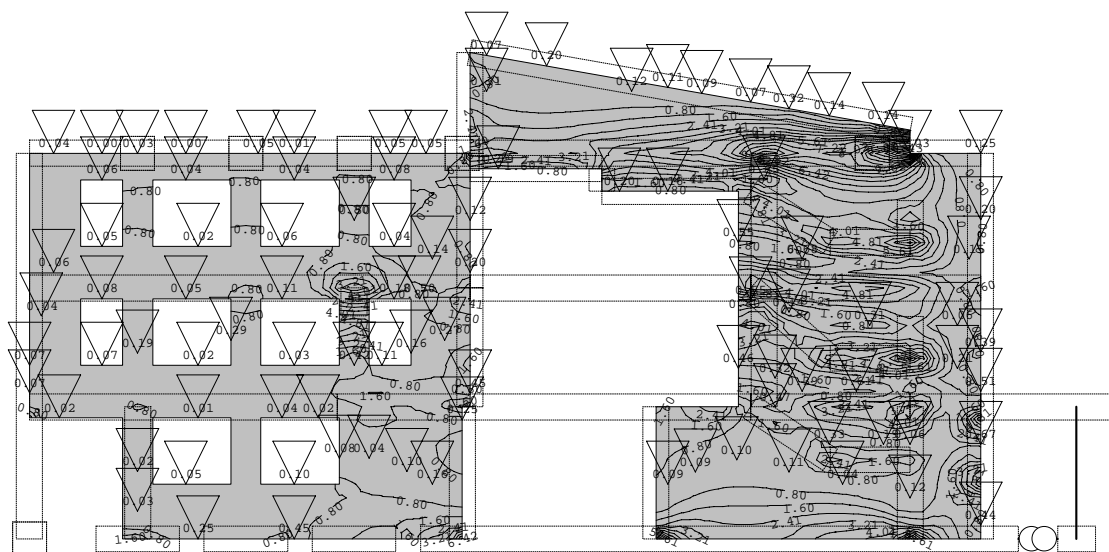
Obt. 12: py



Okvir: H_2

Vplivi v plošči: max $M_x = 6.24$ / min $M_x = 0.00$ kNm/m

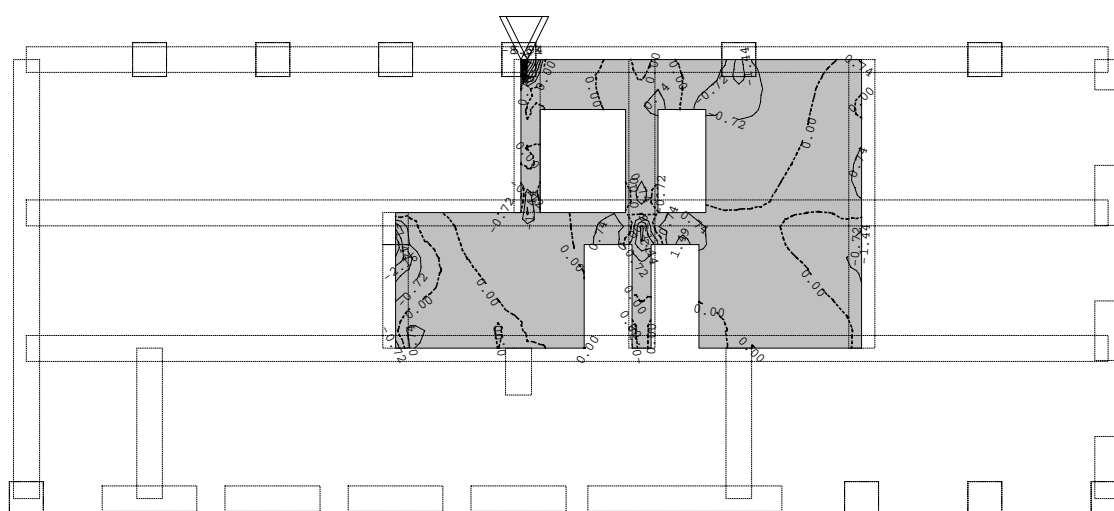
Obt. 12: py



Okvir: H_2

Vplivi v plošči: max $M_y = 16.03$ / min $M_y = 0.00$ kNm/m

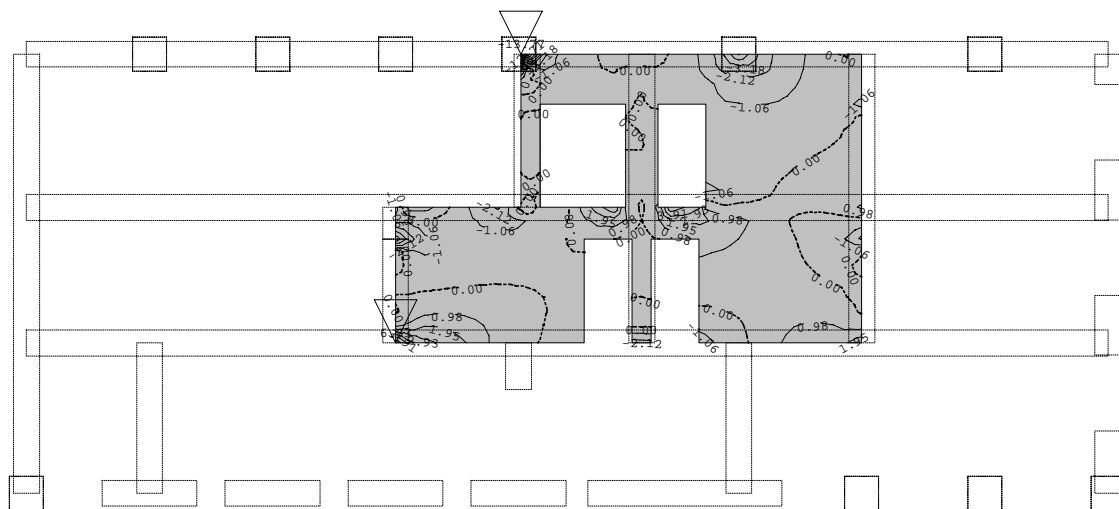
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: H_3

Vplivi v plošči: max $M_x = 5.94$ / min $M_x = -8.63$ kNm/m

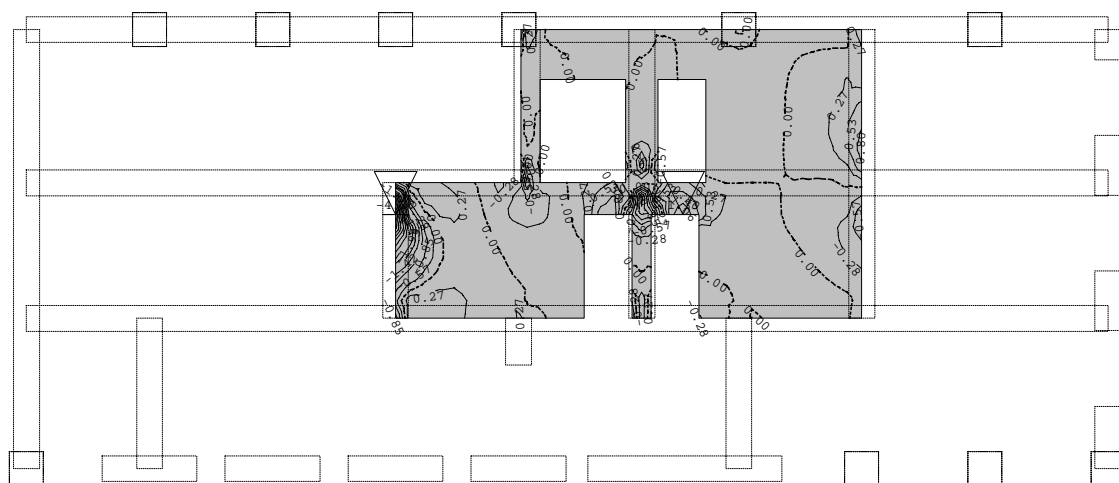
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: H_3

Vplivi v plošči: max My= 6.83 / min My= -13.77 kNm/m

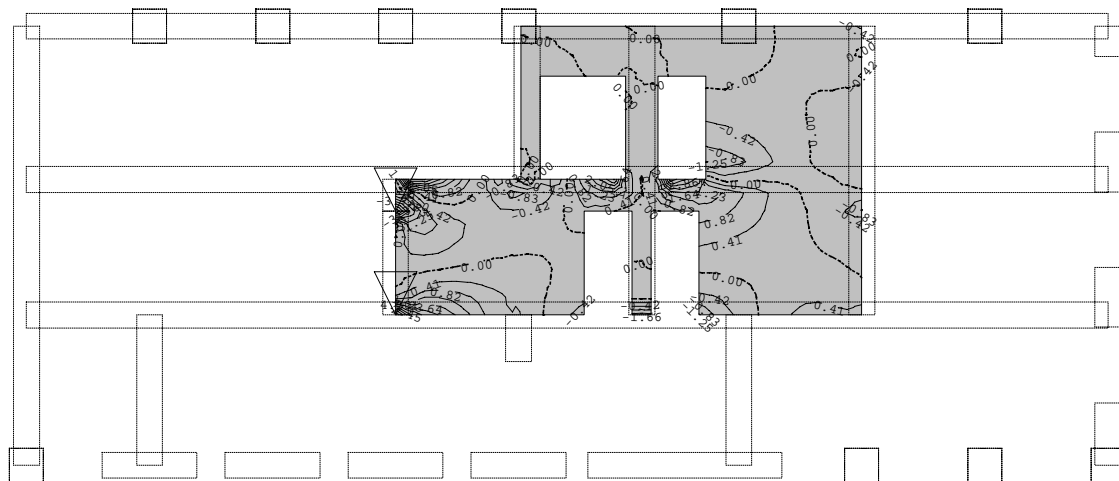
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: H_3

Vplivi v plošči: max Mx= 1.33 / min Mx= -4.27 kNm/m

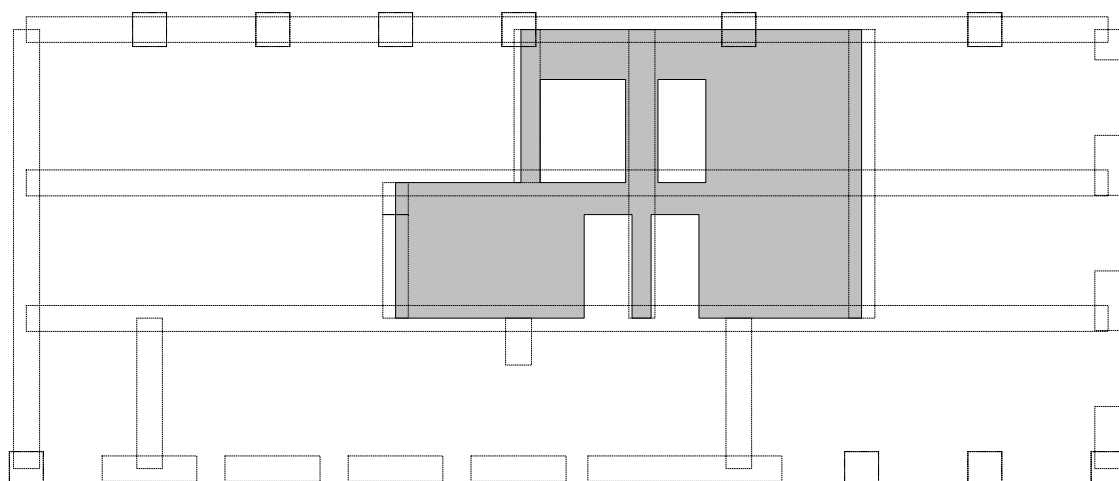
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: H_3

Vplivi v plošči: max $M_y = 4.50$ / min $M_y = -3.73$ kNm/m

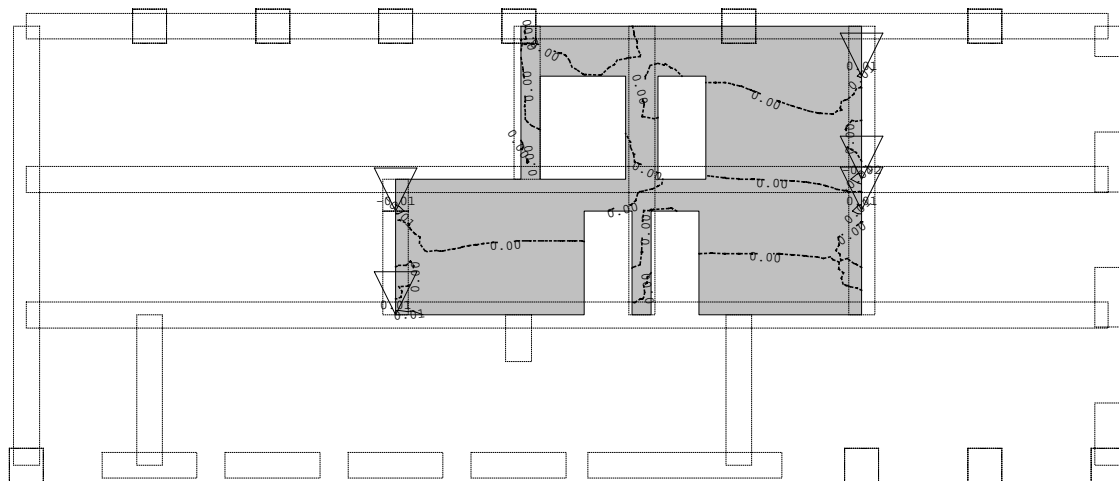
Obt. 6: veter +x



Okvir: H_3

Vplivi v plošči: max $M_x = 0.01$ / min $M_x = -0.01$ kNm/m

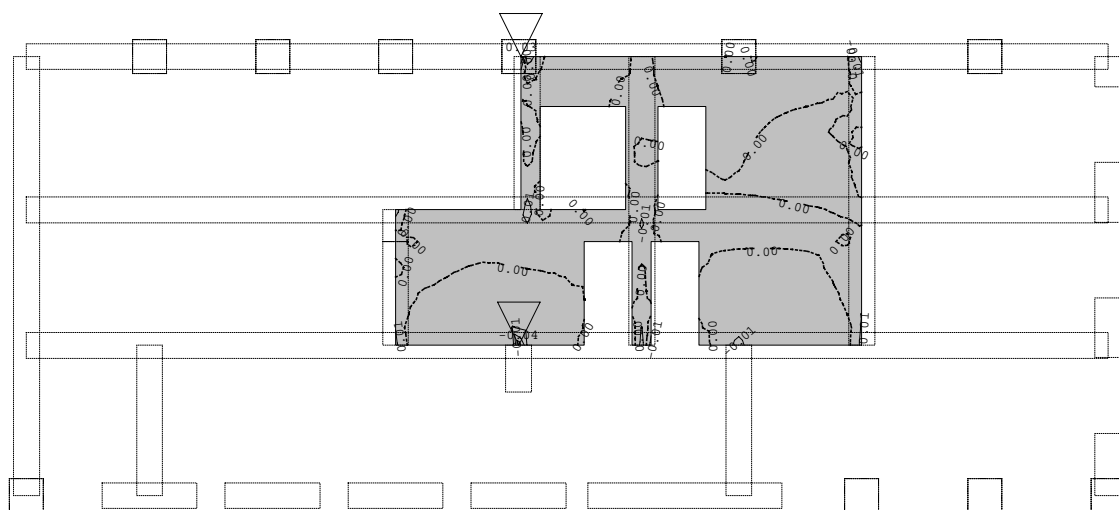
Obt. 6: veter +x



Okvir: H_3

Vplivi v plošči: max $M_y = 0.01$ / min $M_y = -0.02$ kNm/m

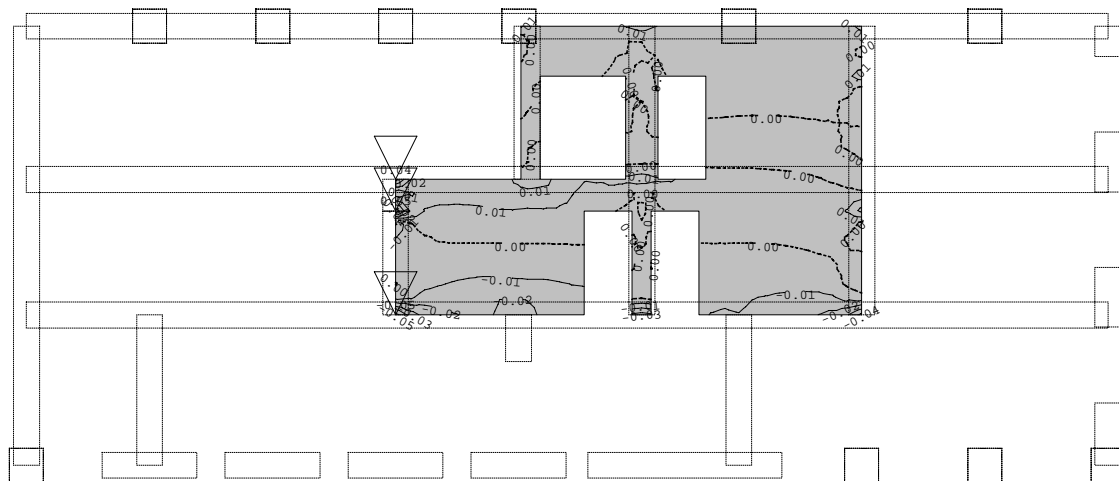
Obt. 8: veter +y



Okvir: H_3

Vplivi v plošči: max $M_x = 0.03$ / min $M_x = -0.04$ kNm/m

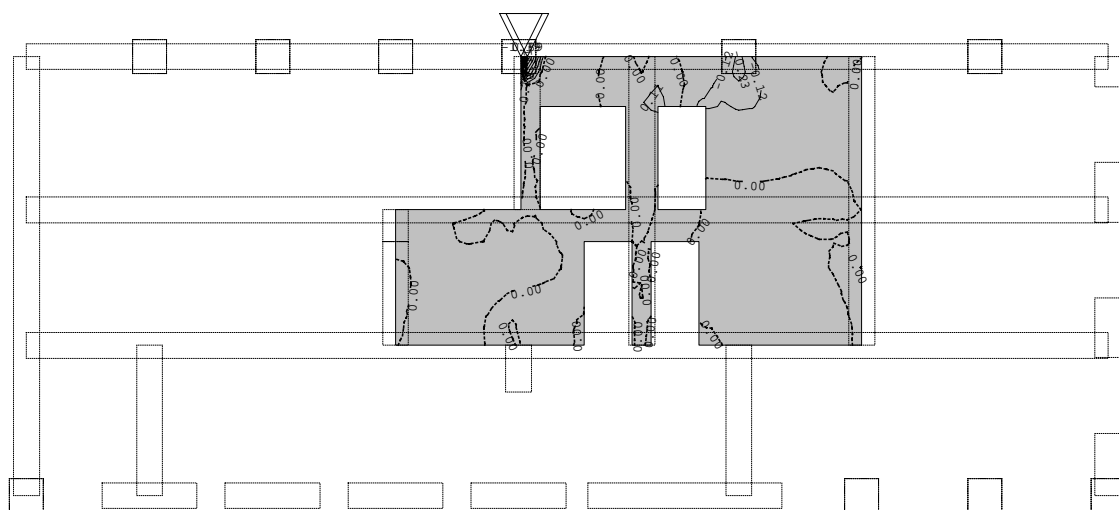
Obt. 8: veter +y



Okvir: H_3

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

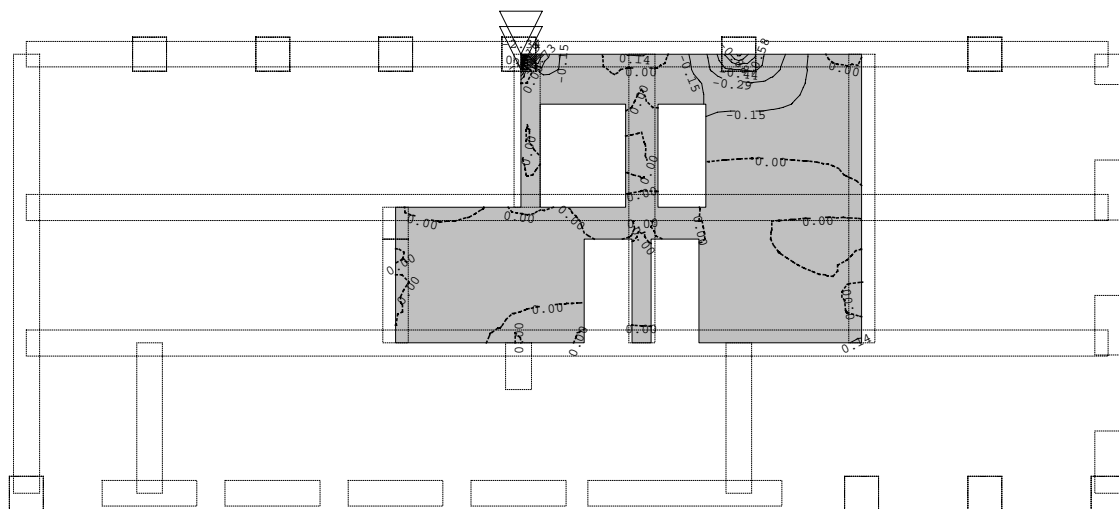
Obt. 10: sneg 1.36kN/m²



Okvir: H_3

Vplivi v plošči: max $M_x = 0.89$ / min $M_x = -1.39$ kNm/m

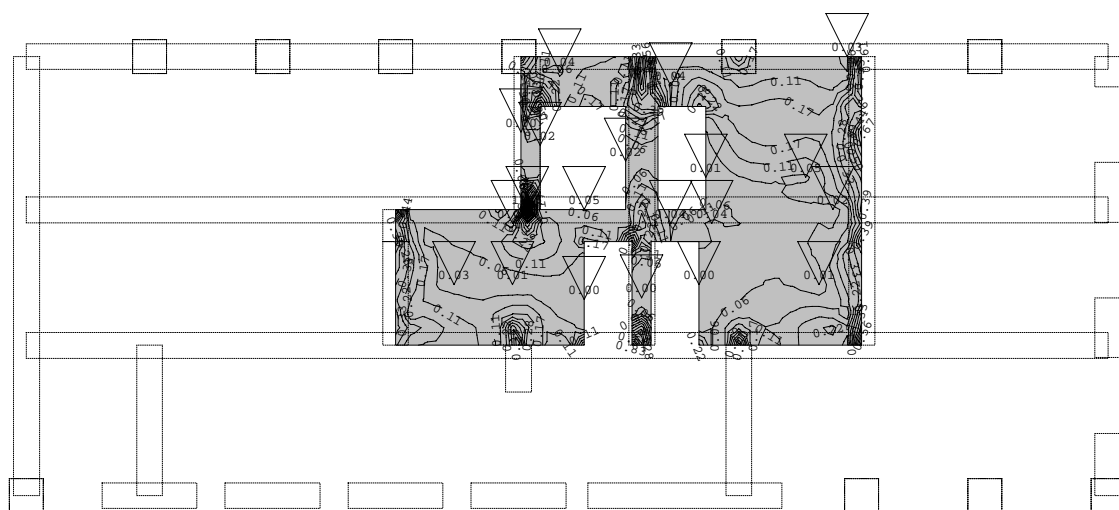
Obt. 10: sneg 1.36kN/m²



Okvir: H_3

Vplivi v plošči: max $M_y = 0.54$ / min $M_y = -2.34$ kNm/m

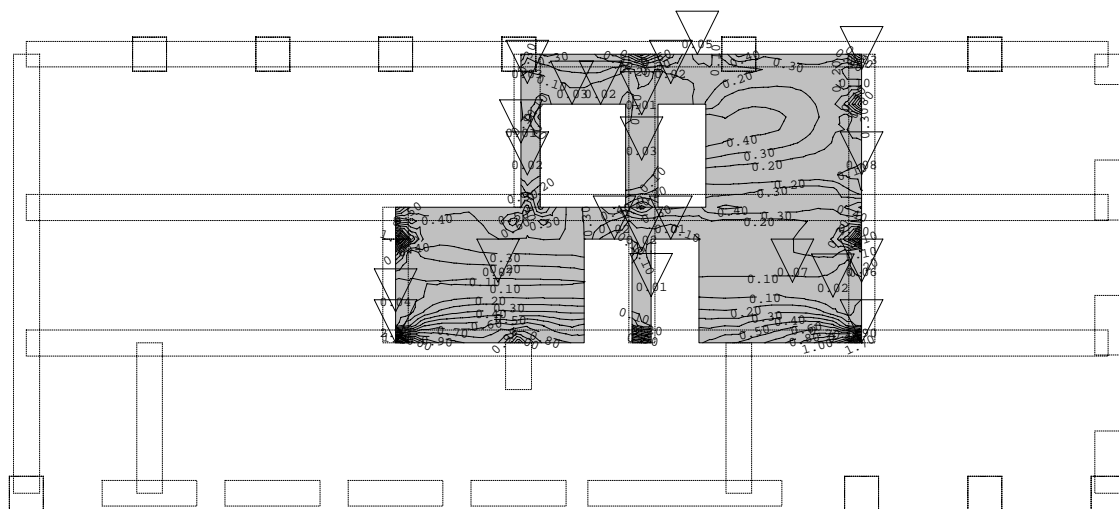
Obt. 11: px



Okvir: H_3

Vplivi v plošči: max $M_x = 1.11$ / min $M_x = 0.00$ kNm/m

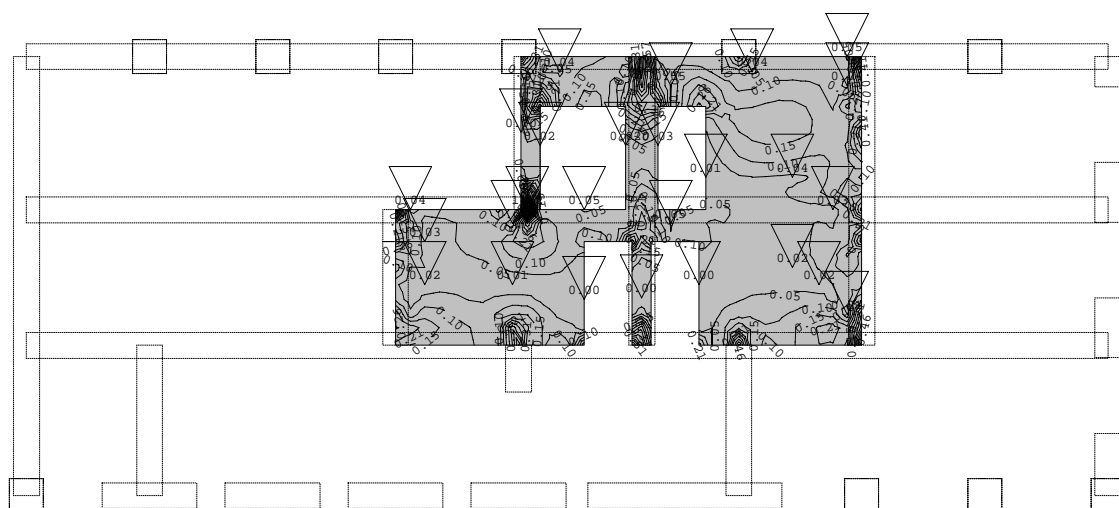
Obt. 11: px



Okvir: H_3

Vplivi v plošči: max My= 2.00 / min My= 0.01 kNm/m

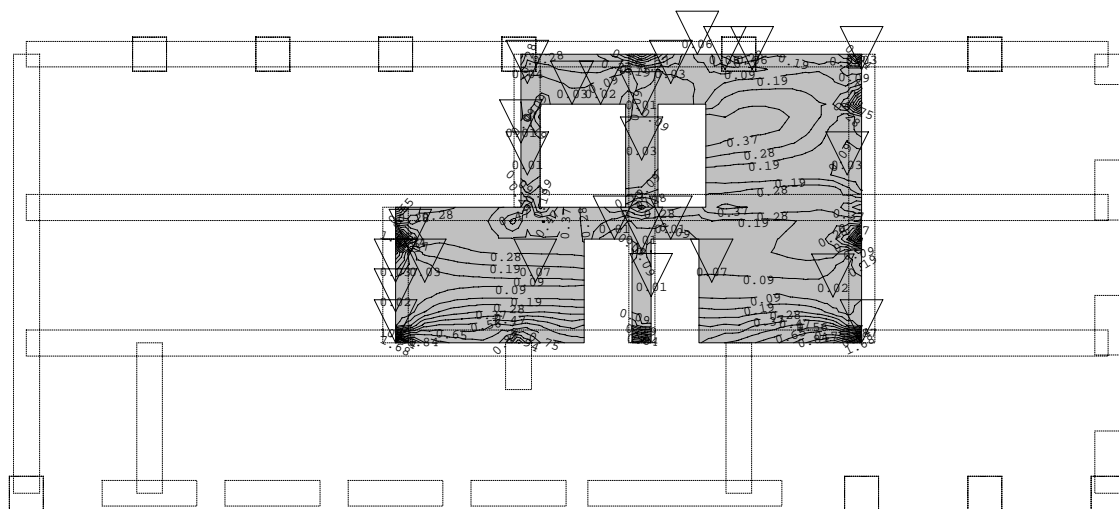
Obt. 12: py



Okvir: H_3

Vplivi v plošči: max Mx= 1.02 / min Mx= 0.00 kNm/m

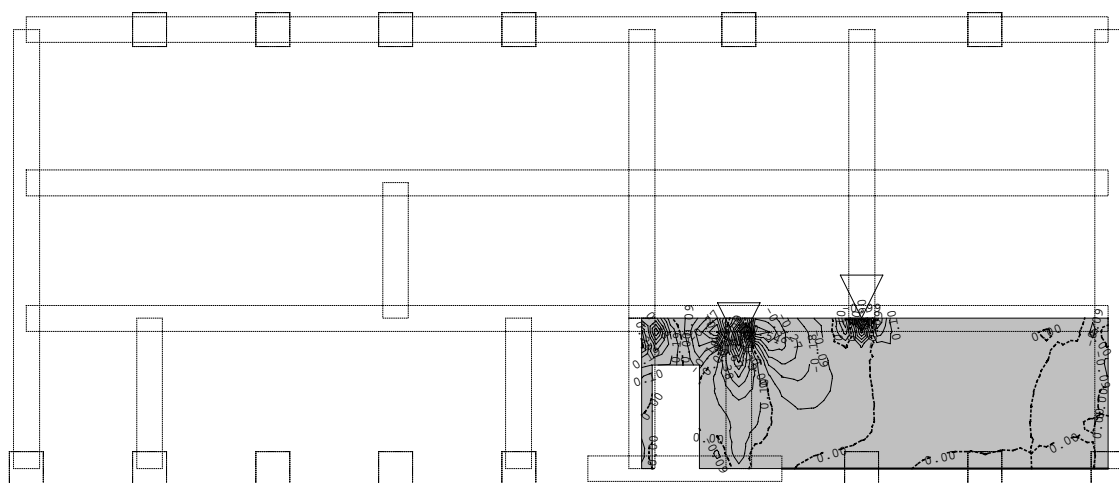
Obt. 12: py



Okvir: H_3

Vplivi v plošči: max $M_y = 1.87$ / min $M_y = 0.01$ kNm/m

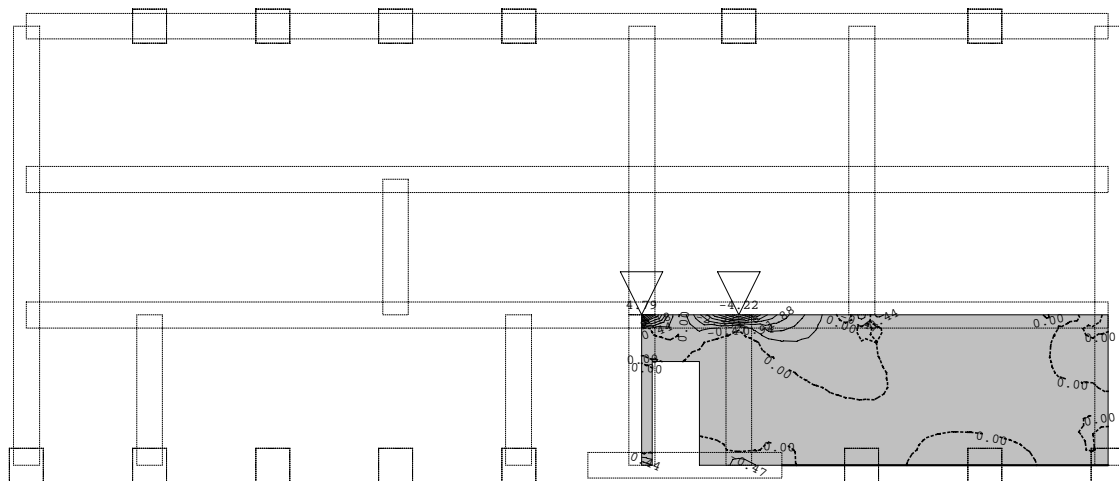
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: H_4

Vplivi v plošči: max $M_x = 0.85$ / min $M_x = -0.99$ kNm/m

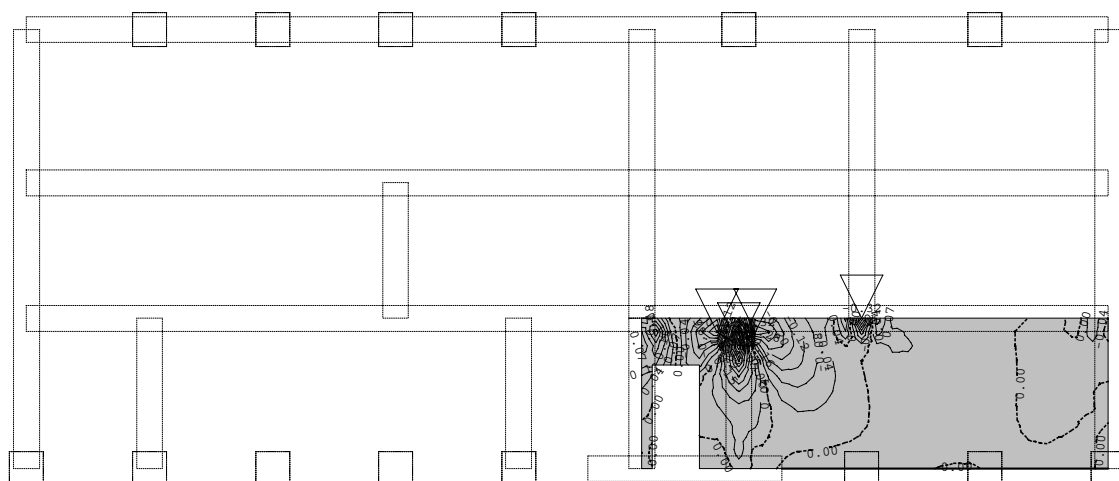
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: H_4

Vplivi v plošči: max $M_y = 4.79$ / min $M_y = -4.22$ kNm/m

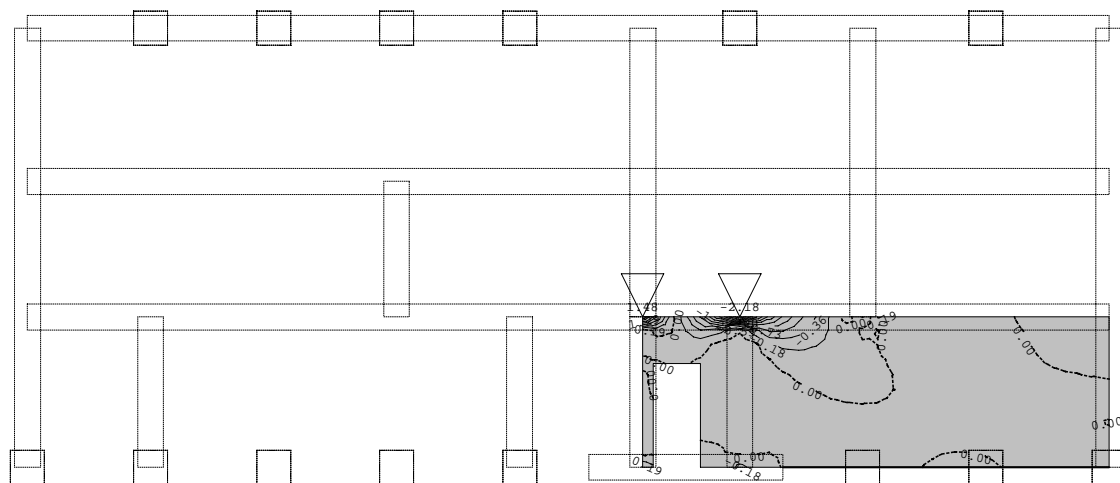
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: H_4

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

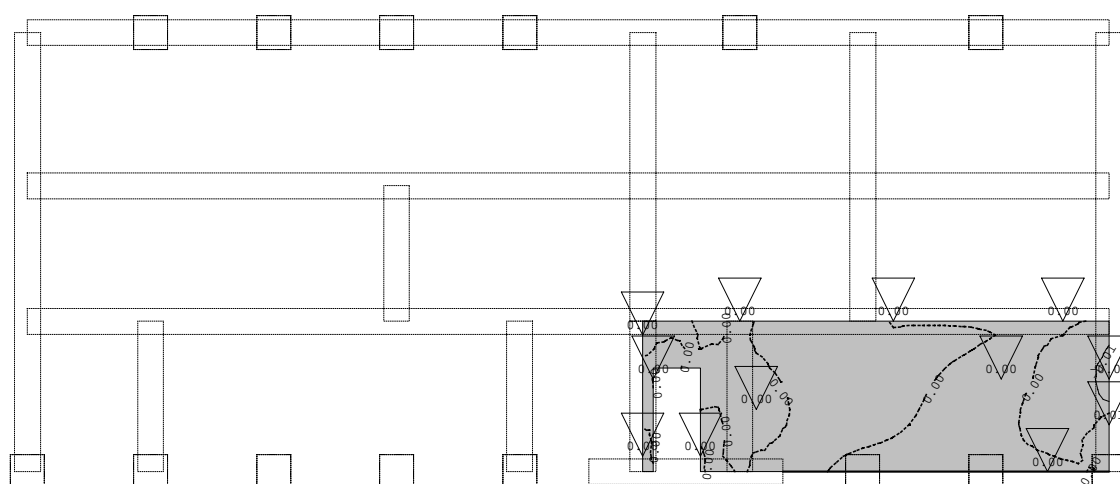
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: H_4

Vplivi v plošči: max $M_y = 1.48$ / min $M_y = -2.18$ kNm/m

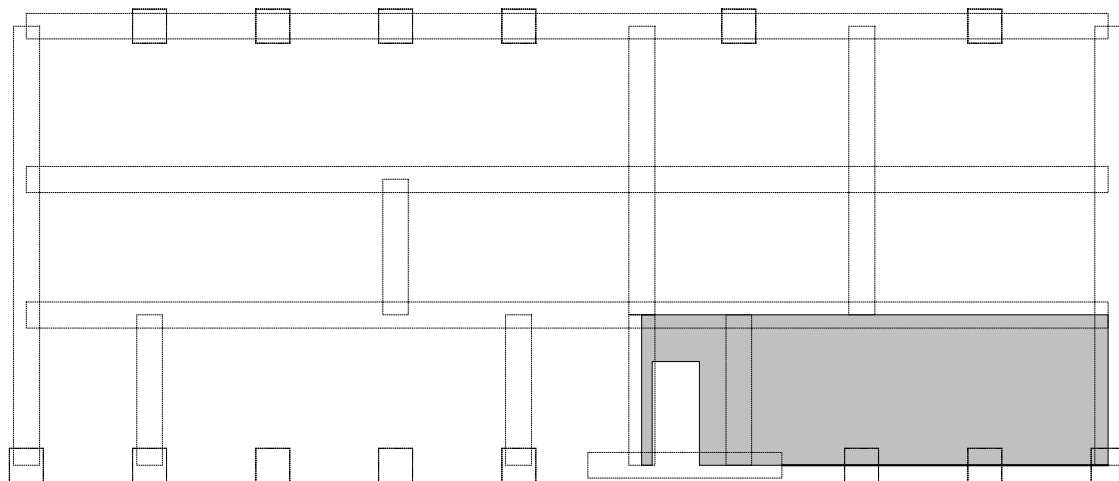
Obt. 6: veter +x



Okvir: H_4

Vplivi v plošči: max $M_x = 0.01$ / min $M_x = -0.02$ kNm/m

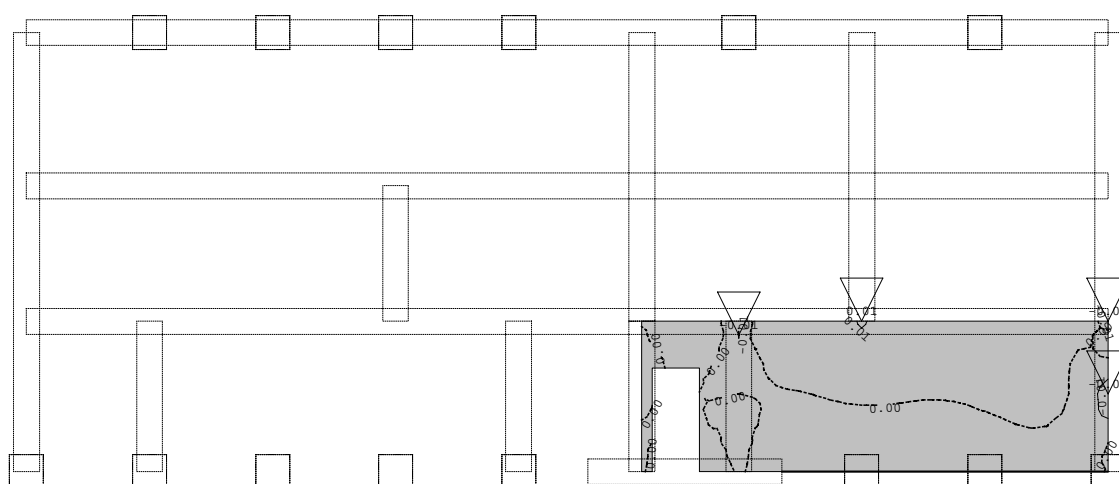
Obt. 6: veter +x



Okvir: H_4

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

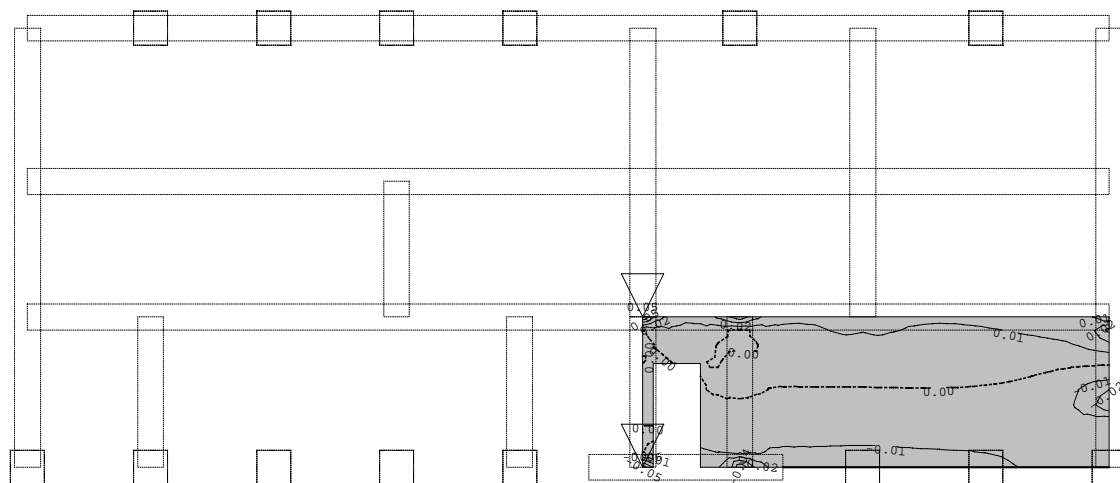
Obt. 8: veter +y



Okvir: H_4

Vplivi v plošči: max Mx= 0.01 / min Mx= -0.02 kNm/m

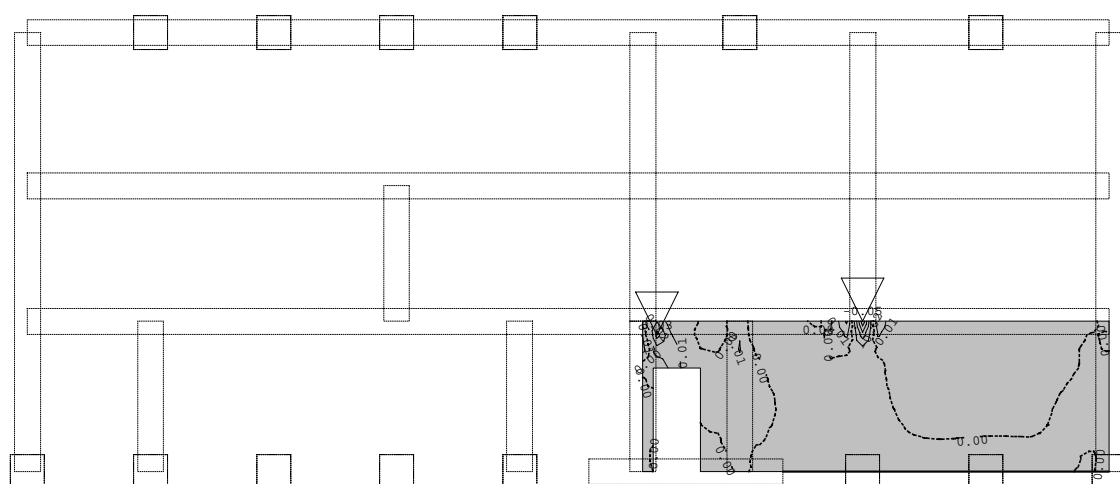
Obt. 8: veter +y



Okvir: H_4

Vplivi v plošči: max $M_y = 0.05$ / min $M_y = -0.06$ kNm/m

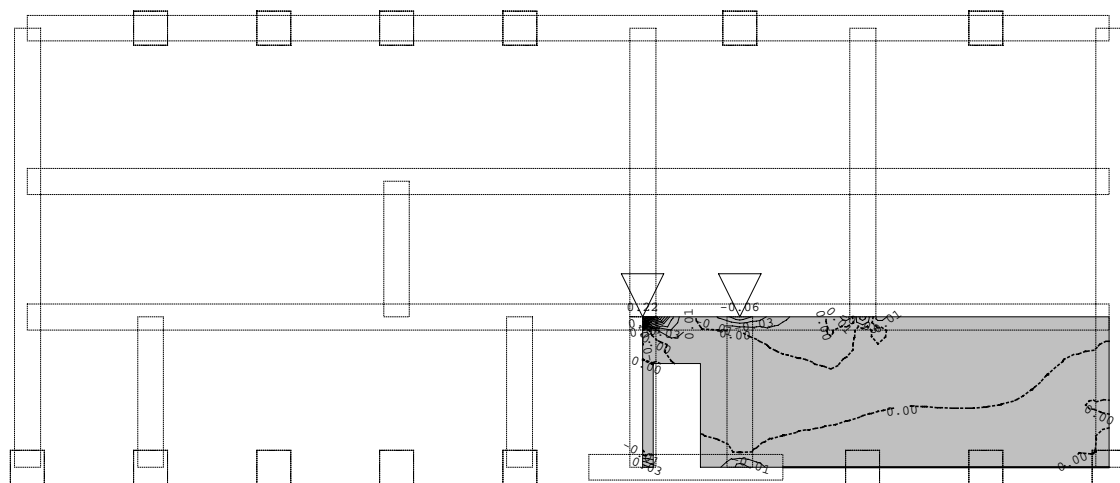
Obt. 10: sneg 1.36kN/m²



Okvir: H_4

Vplivi v plošči: max $M_x = 0.03$ / min $M_x = -0.05$ kNm/m

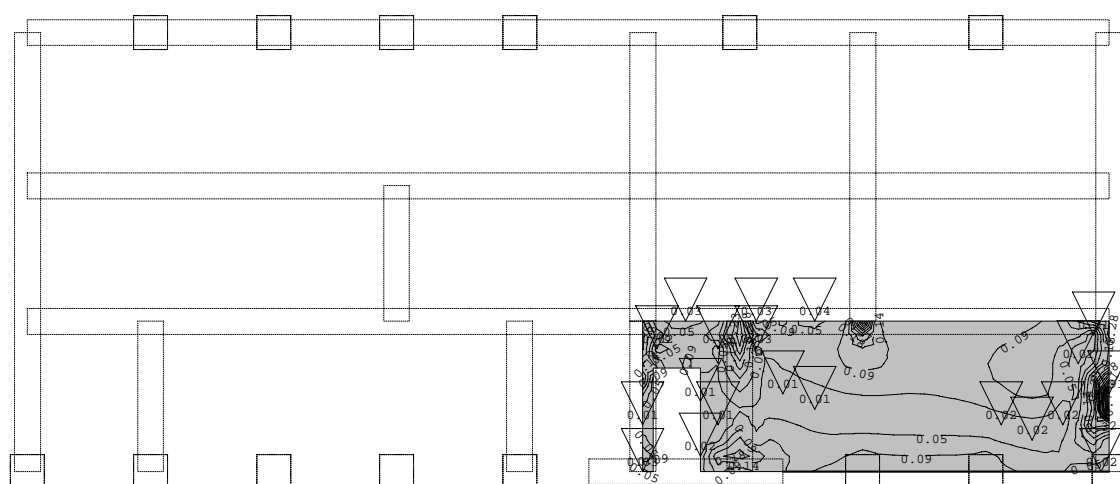
Obt. 10: sneg 1.36kN/m²



Okvir: H_4

Vplivi v plošči: max $M_y = 0.22$ / min $M_y = -0.06$ kNm/m

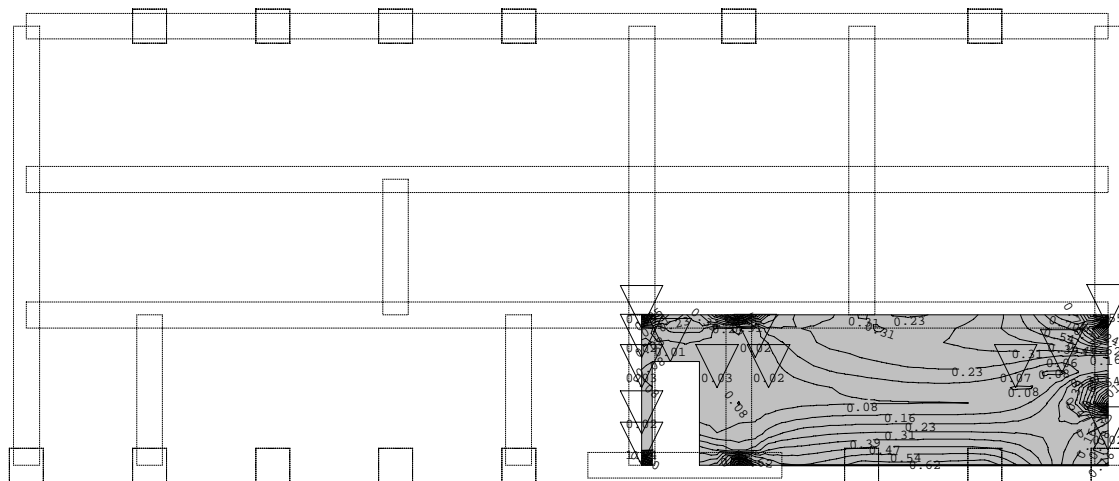
Obt. 11: px



Okvir: H_4

Vplivi v plošči: max $M_x = 0.91$ / min $M_x = 0.01$ kNm/m

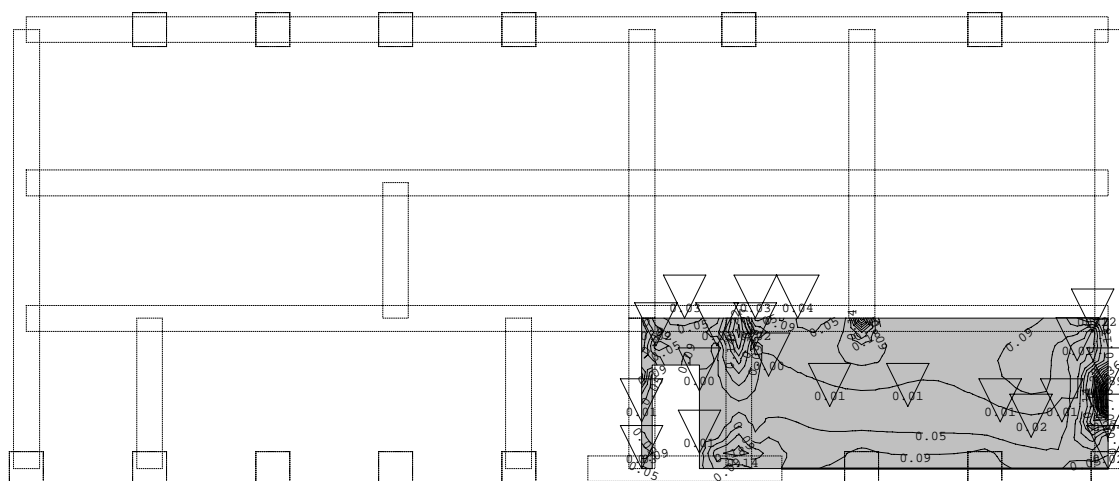
Obt. 11: px



Okvir: H_4

Vplivi v plošči: max My= 1.55 / min My= 0.01 kNm/m

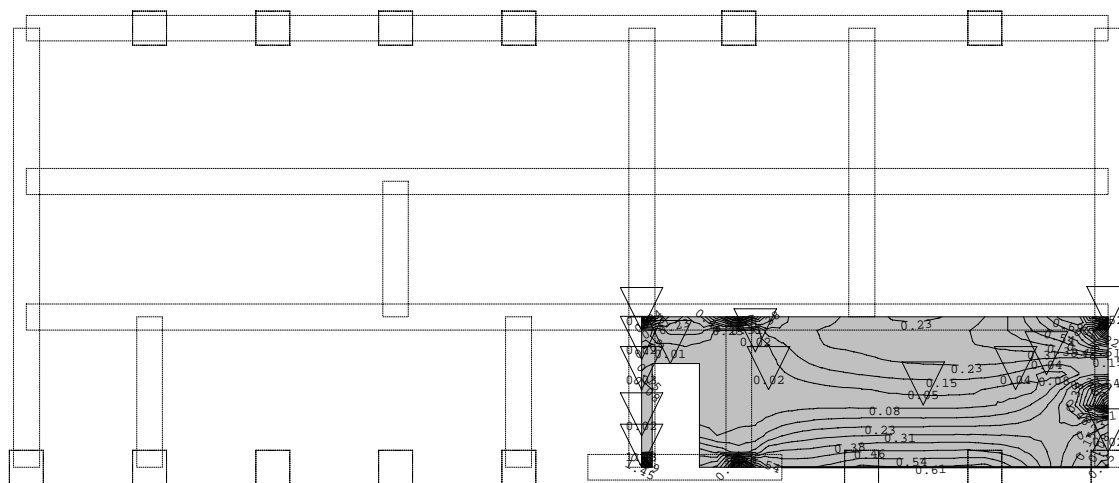
Obt. 12: py



Okvir: H_4

Vplivi v plošči: max Mx= 0.89 / min Mx= 0.00 kNm/m

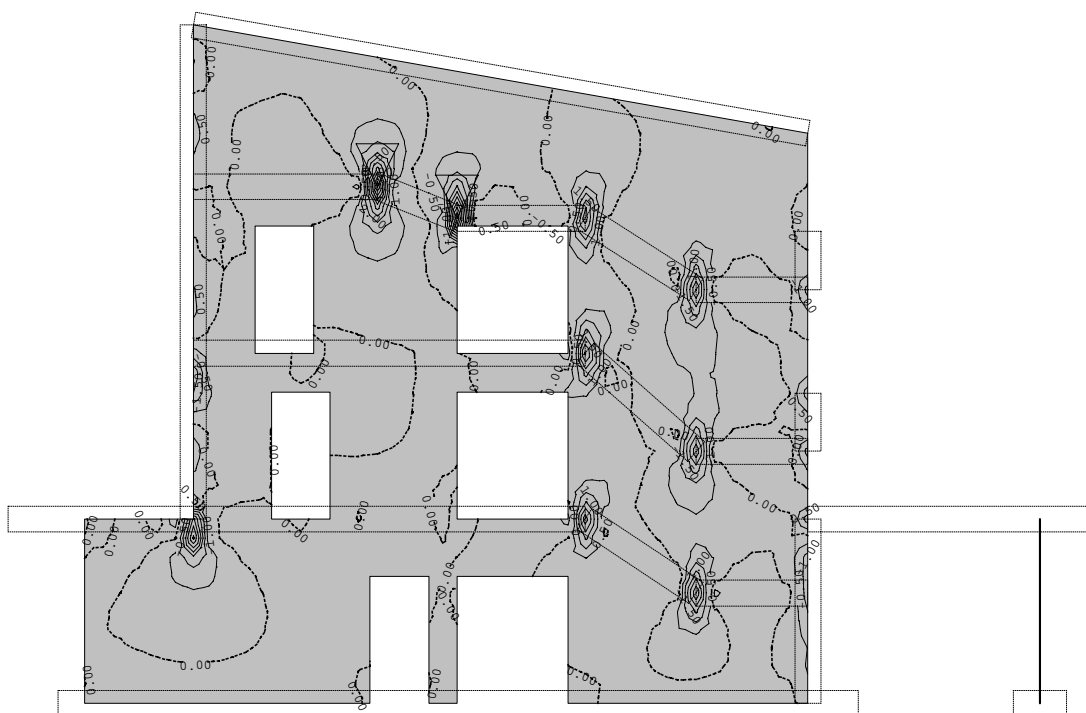
Obt. 12: py



Okvir: H_4

Vplivi v plošči: max $M_y = 1.52$ / min $M_y = 0.01$ kNm/m

Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: H_1

Vplivi v plošči: max $M_x = 5.00$ / min $M_x = -5.00$ kNm/m

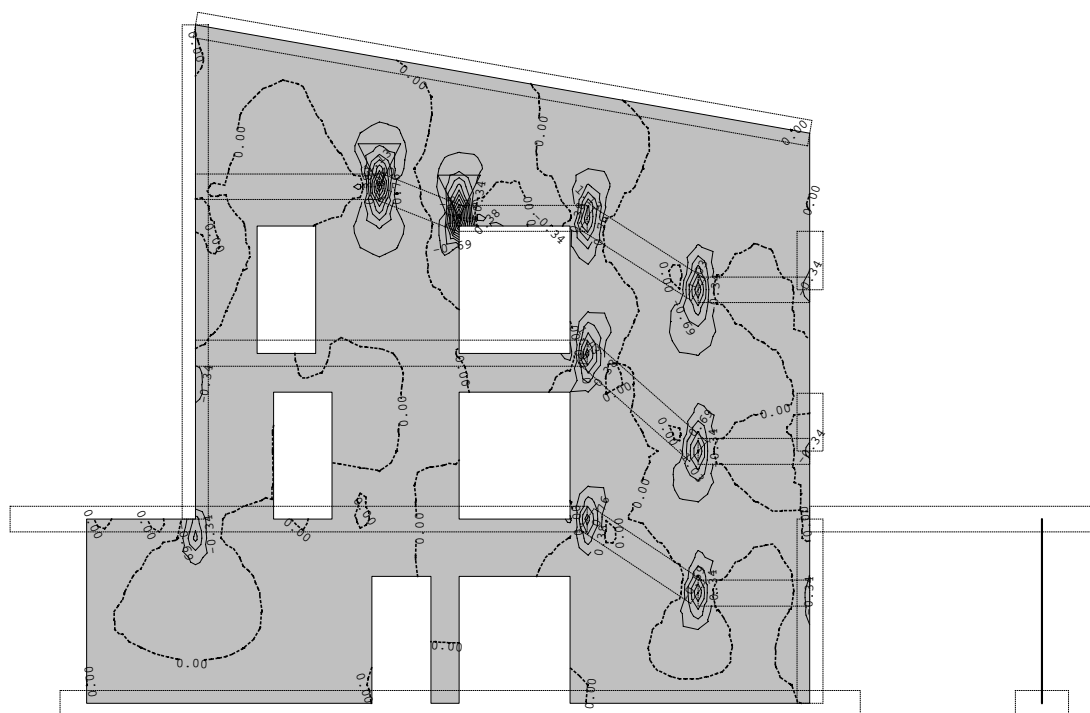
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Okvir: H_1

Vplivi v plošči: max $M_y = 3.13$ / min $M_y = -3.41$ kNm/m

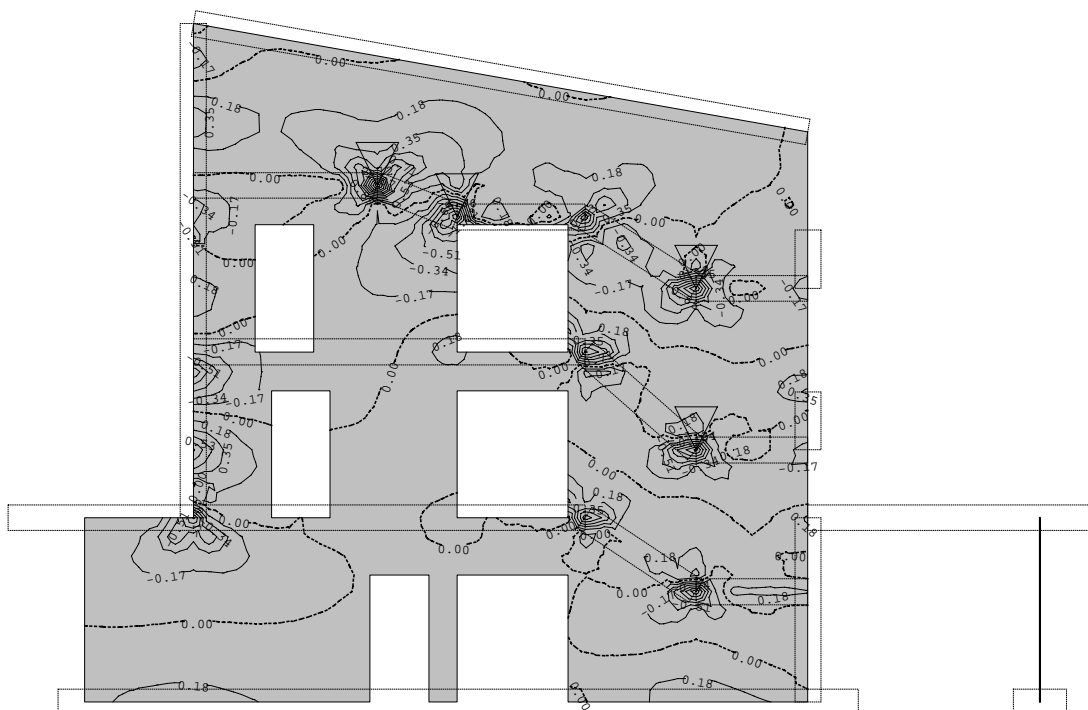
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: H_1

Vplivi v plošči: max $M_x = 3.40$ / min $M_x = -3.76$ kNm/m

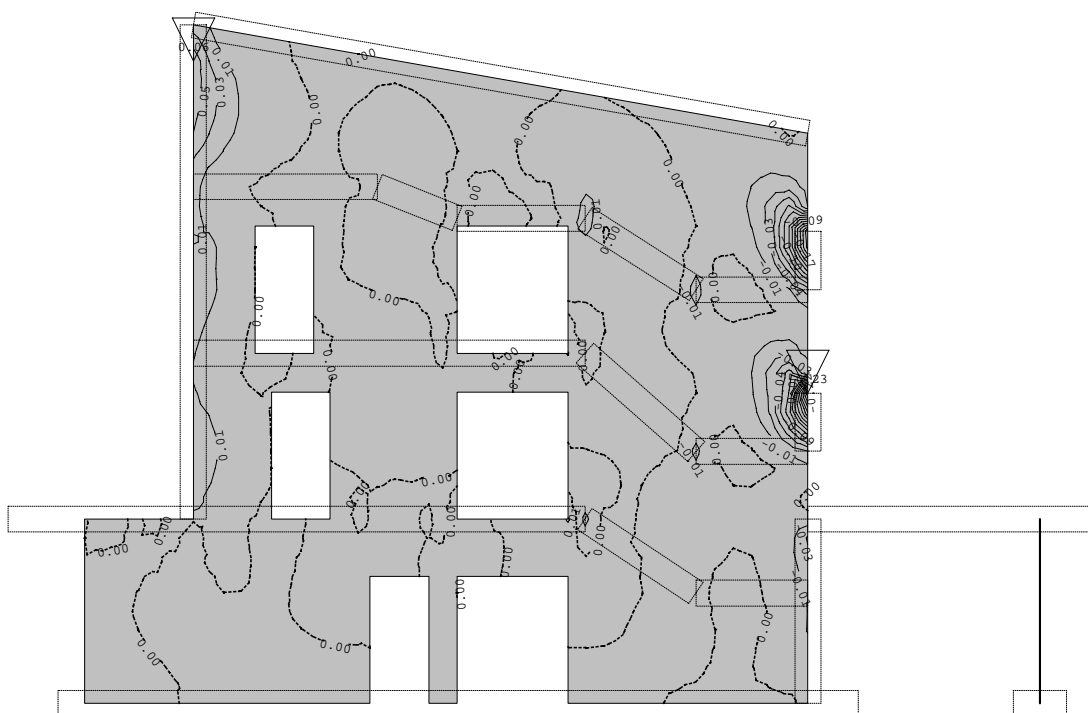
Obt. 2: 1.koristna 4 ; 6kN/m²



Okvir: H_1

Vplivi v plošči: max $M_y = 2.12$ / min $M_y = -1.36$ kNm/m

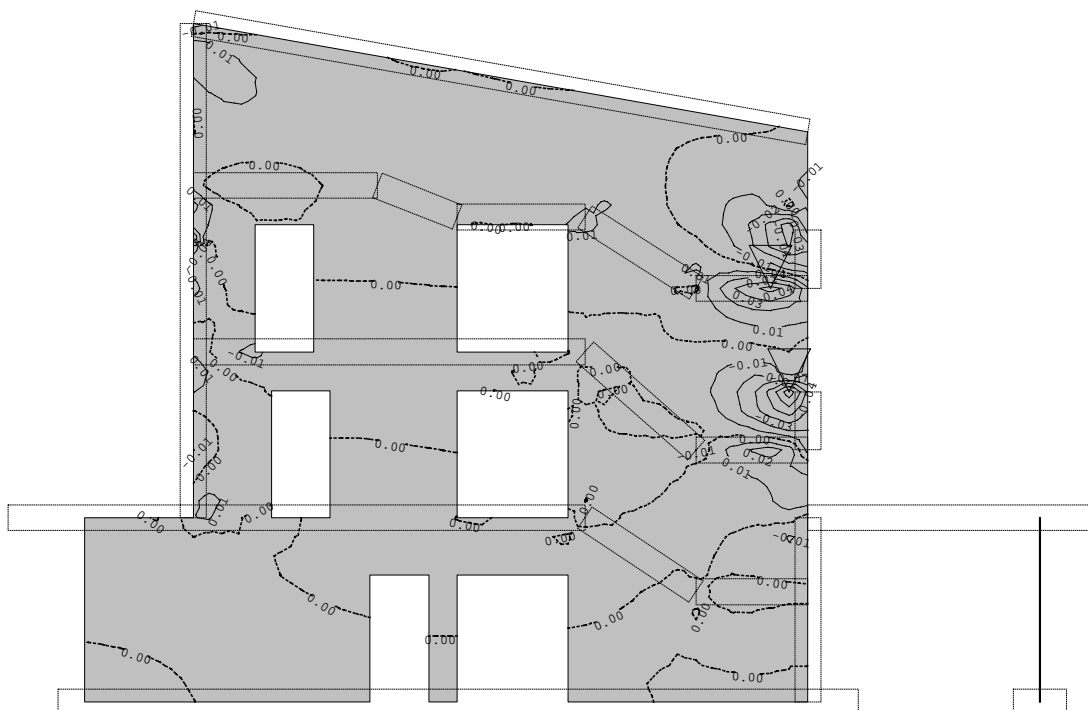
Obt. 6: veter +x



Okvir: H_1

Vplivi v plošči: max $M_x = 0.06$ / min $M_x = -0.23$ kNm/m

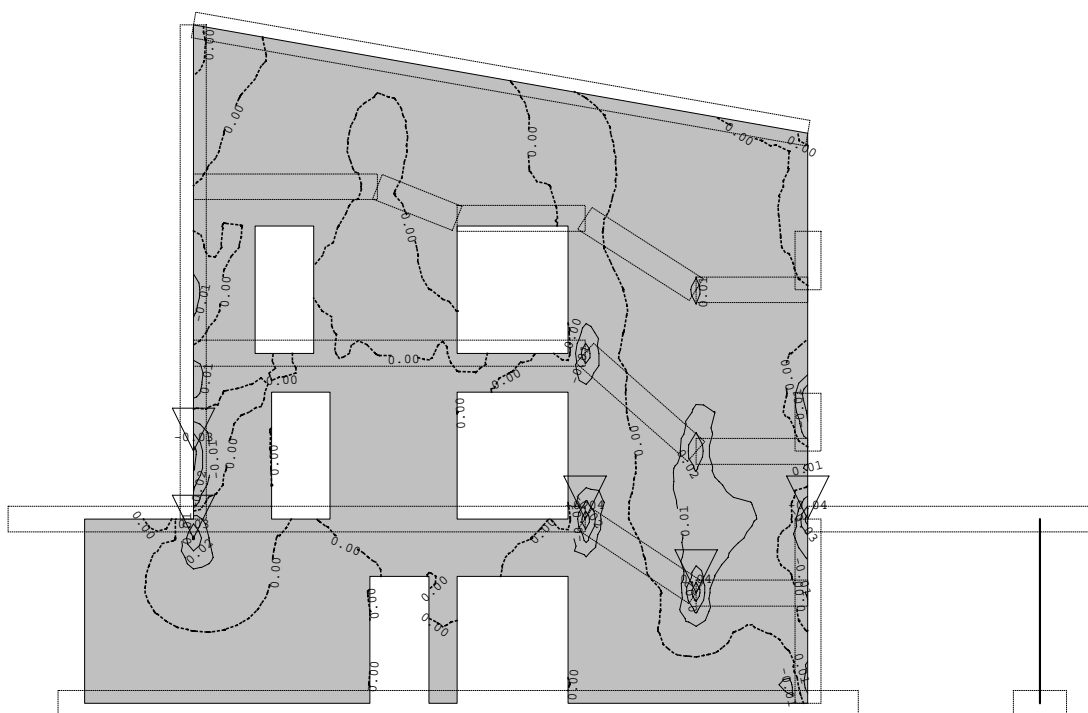
Obt. 6: veter +x



Okvir: H_1

Vplivi v plošči: max $M_y = 0.04$ / min $M_y = -0.07$ kNm/m

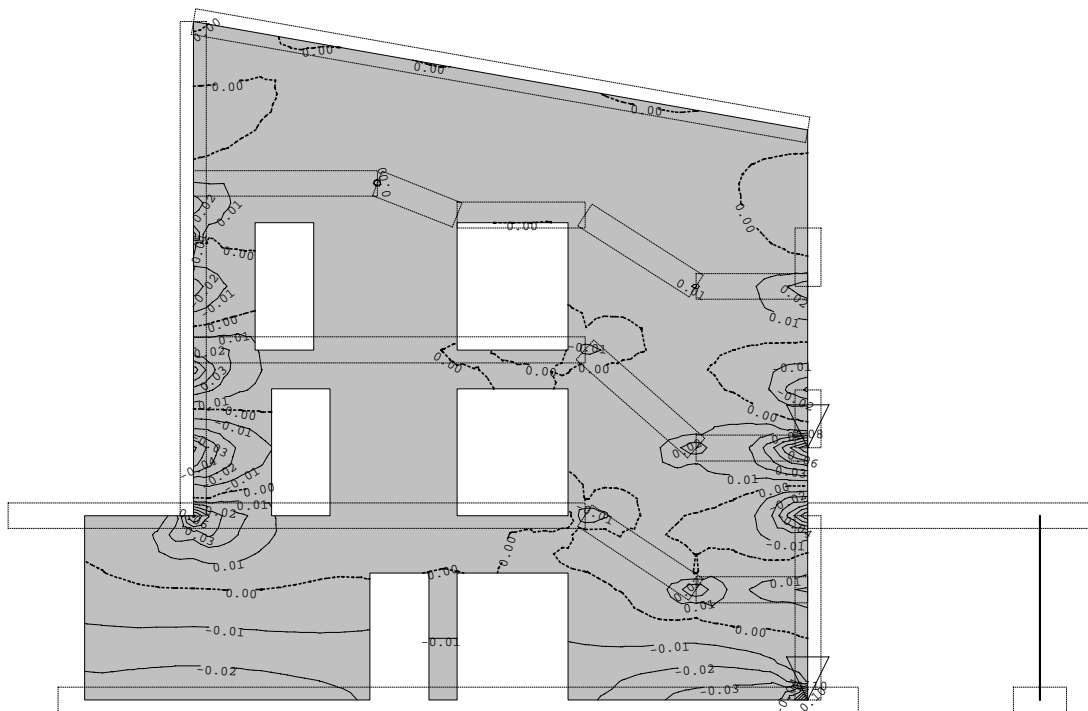
Obt. 8: veter +y



Okvir: H_1

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

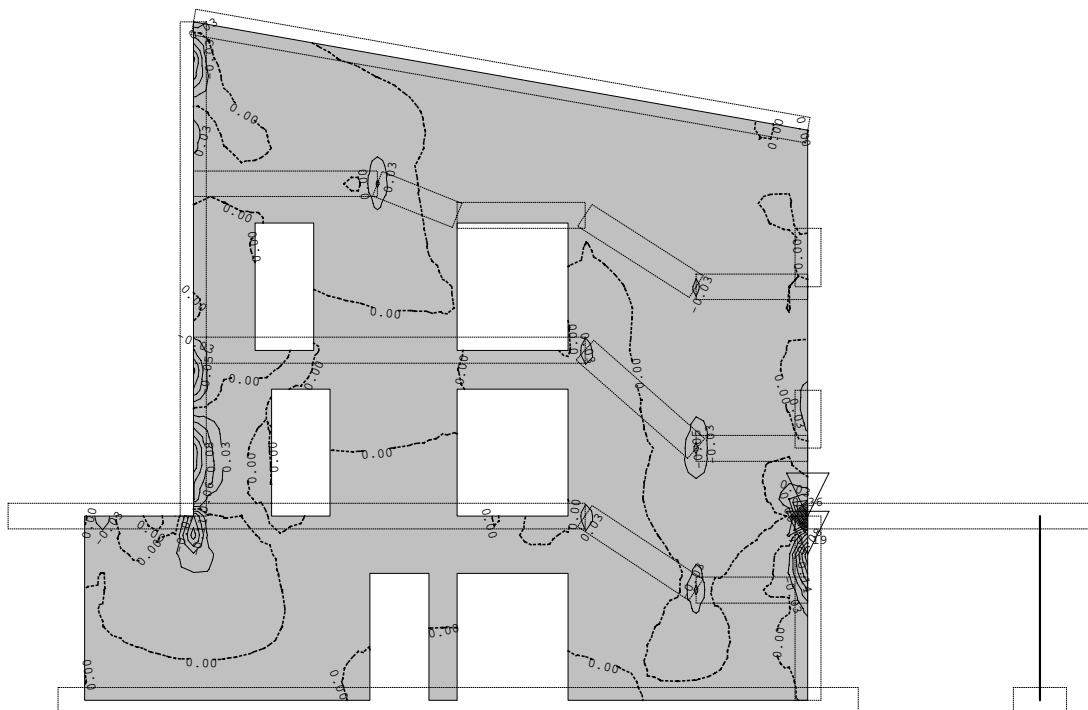
Obt. 8: veter +y



Okvir: H_1

Vplivi v plošči: max $M_y = 0.08$ / min $M_y = -0.10$ kNm/m

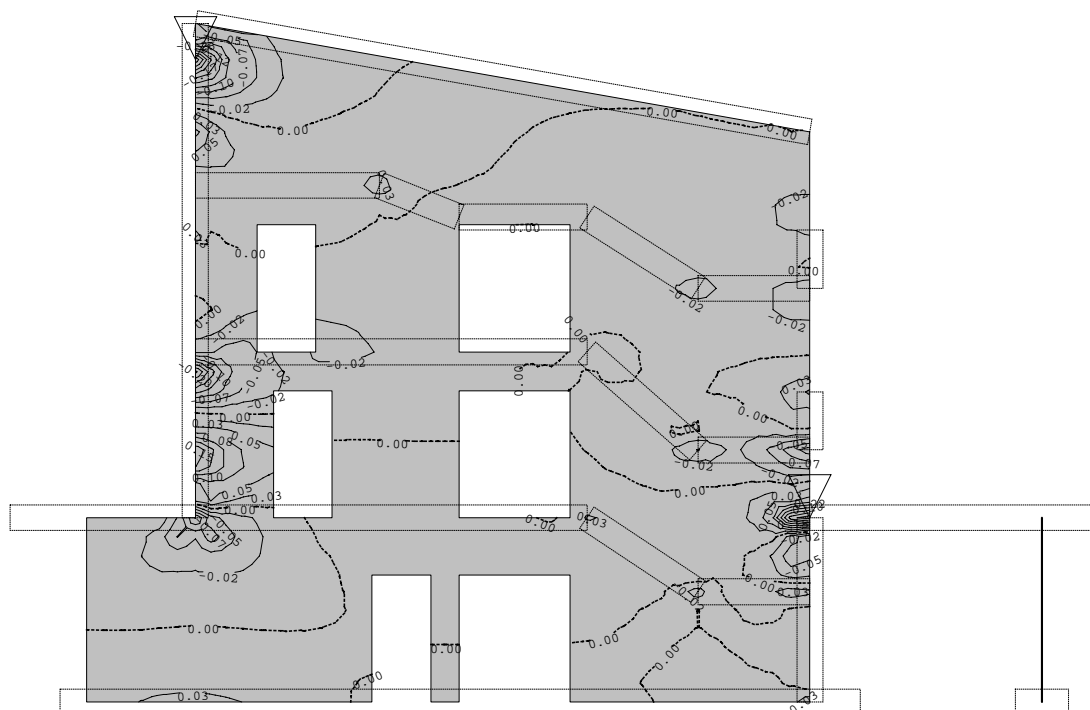
Obt. 10: sneg 1.36kN/m²



Okvir: H_1

Vplivi v plošči: max $M_x = 0.36$ / min $M_x = -0.19$ kNm/m

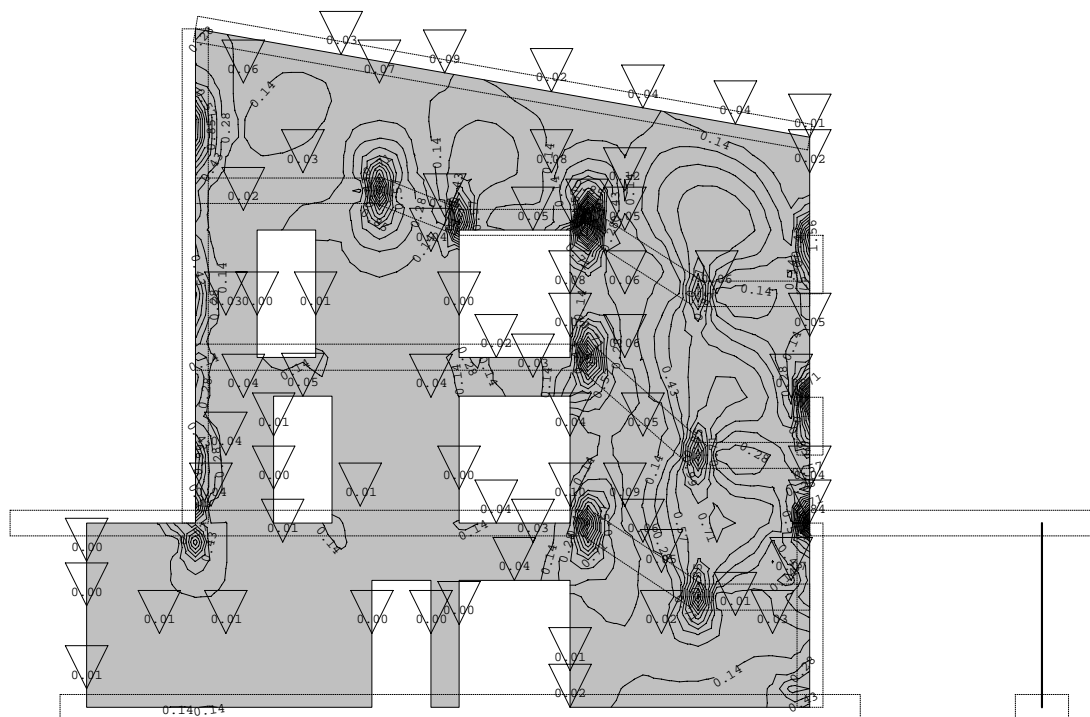
Obt. 10: sneg 1.36kN/m²



Okvir: H_1

Vplivi v plošči: max $M_y = 0.22$ / min $M_y = -0.26$ kNm/m

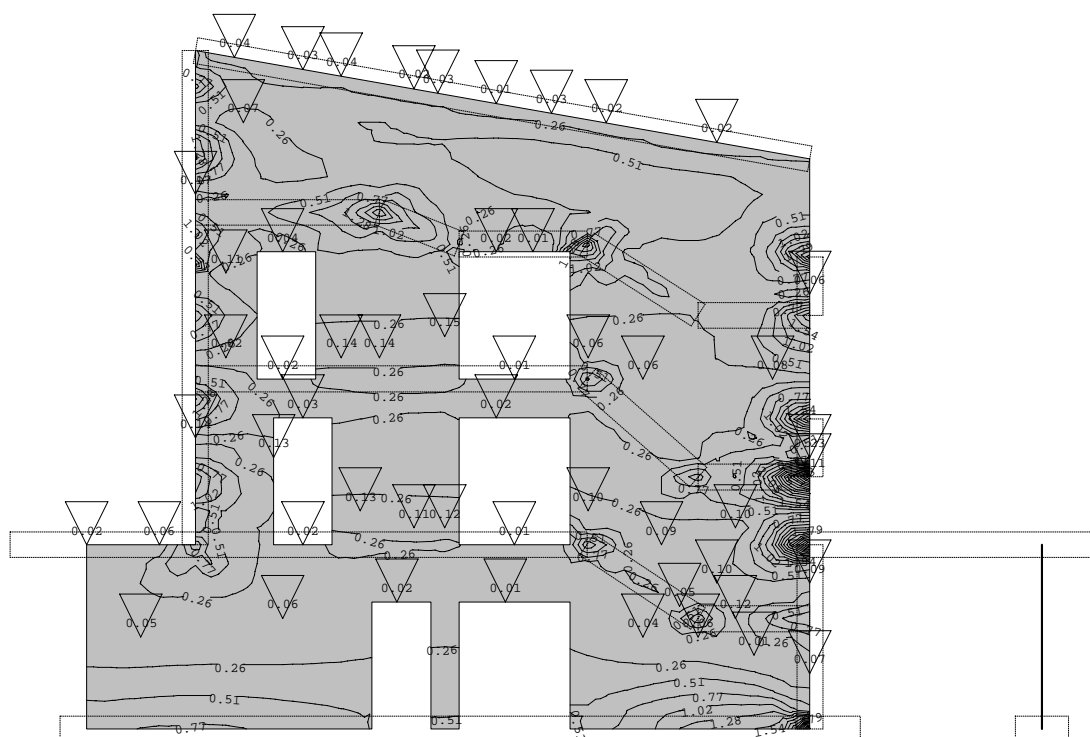
Obt. 11: px



Okvir: H_1

Vplivi v plošči: max $M_x = 2.84$ / min $M_x = 0.00$ kNm/m

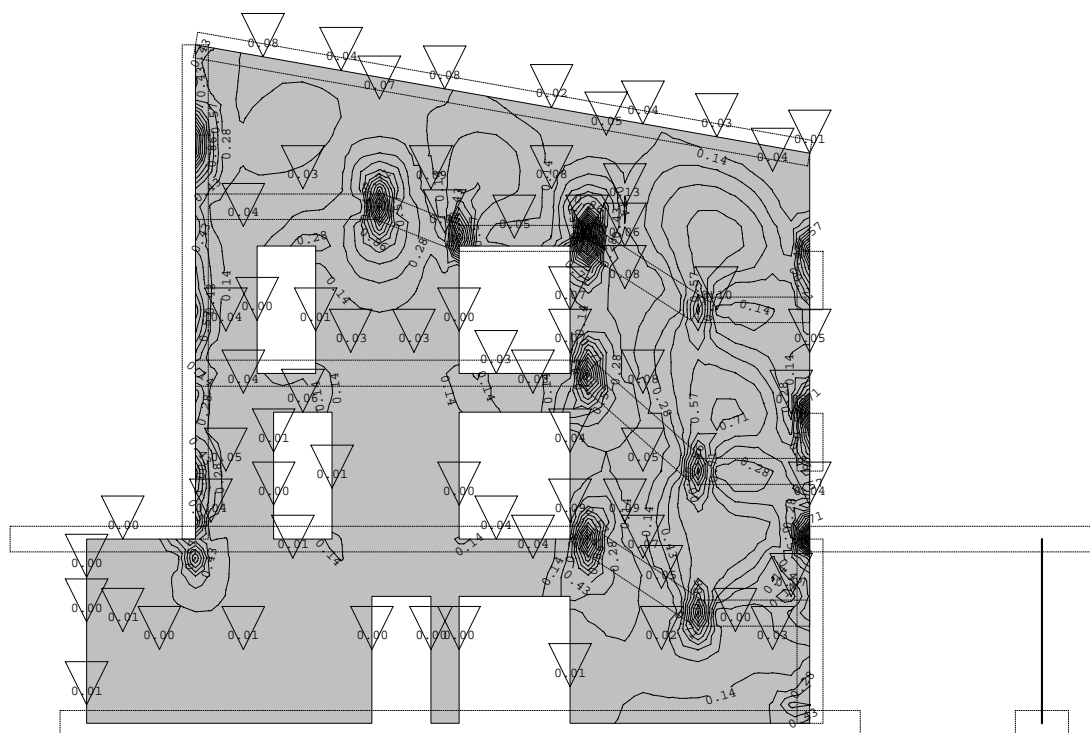
Obt. 11: px



Okvir: H_1

Vplivi v plošči: max $M_y = 5.11$ / min $M_y = 0.01$ kNm/m

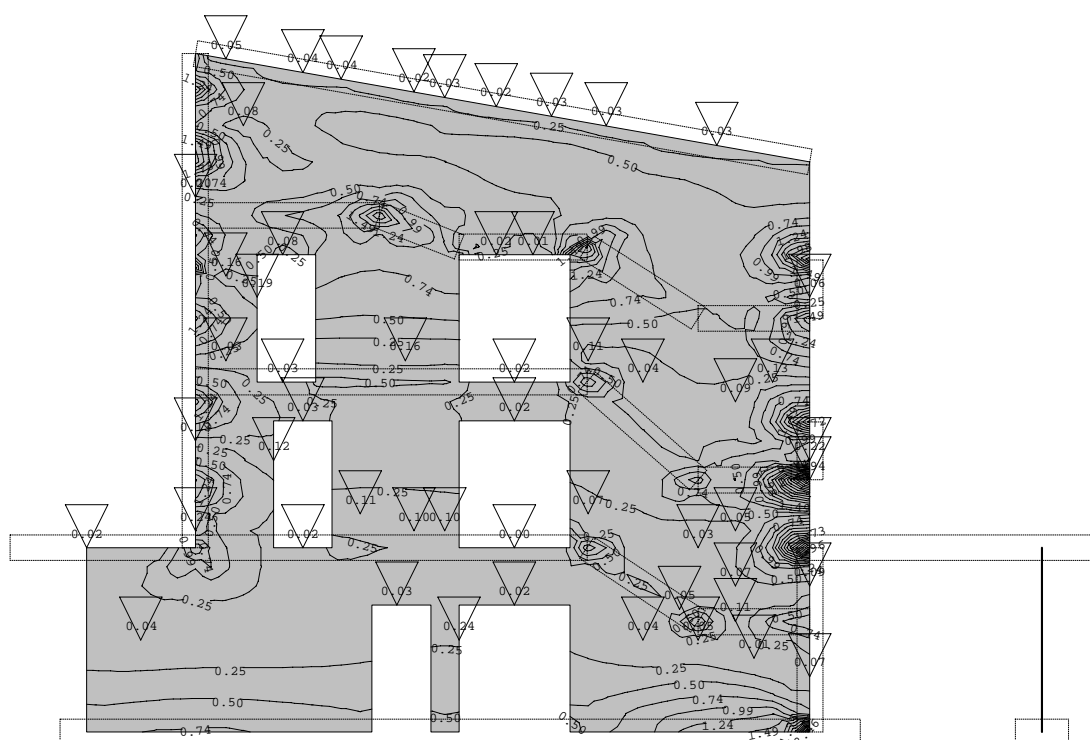
Obt. 12: py



Okvir: H_1

Vplivi v plošči: max $M_x = 2.84$ / min $M_x = 0.00$ kNm/m

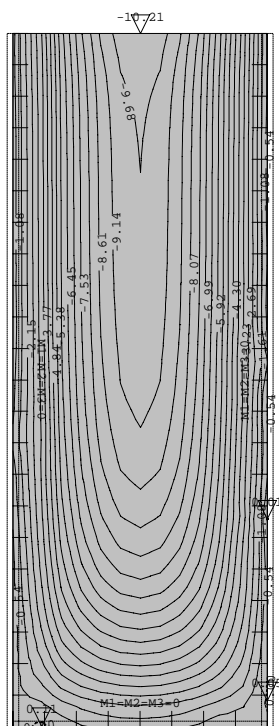
Obt. 12: py



Okvir: H_1

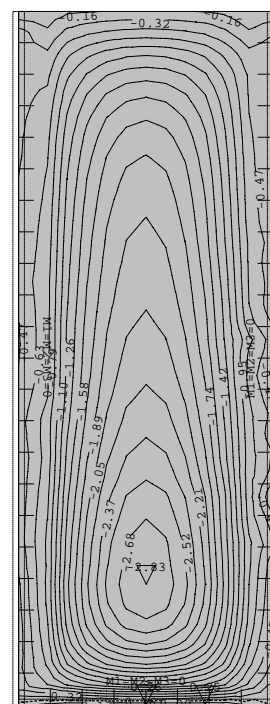
Vplivi v plošči: max $M_y = 4.94$ / min $M_y = 0.00$ kNm/m

Obt. 1: lastna+stalna 1.7; 2.9 kN/m² (g)

Pogled: streha
Vplivi v plošči: Mx

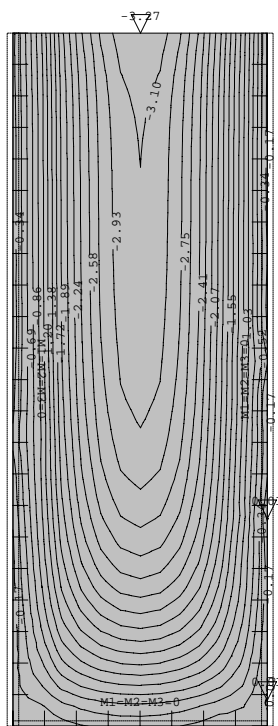
Tower - 3D Model Builder 5.5

Obt. 1: lastna+stalna 1.7; 2.9 kN/m² (g)

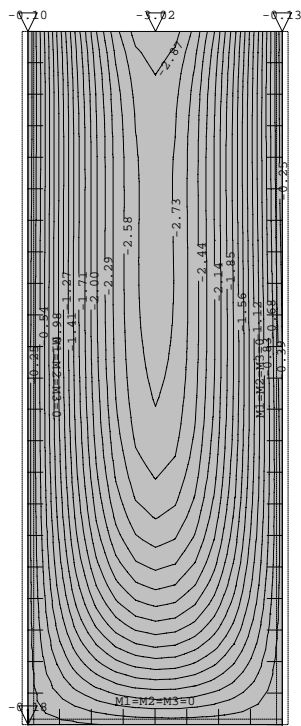
Pogled: streha
Vplivi v plošči: My

Registered to Biro Udovč s.p.

Radimpex - www.radimpex.co.yu

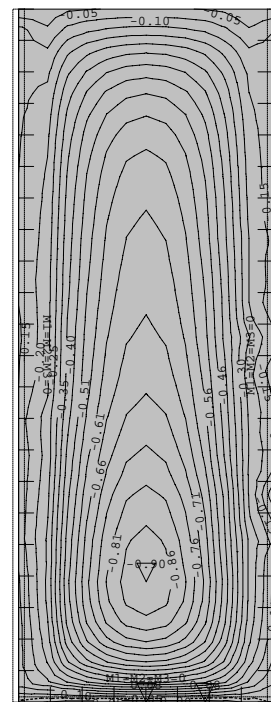
Obt. 10: sneg 1.36kN/m²

Pogled: streha
Vplivi v plošči: Mx
Obt. 13: I+X

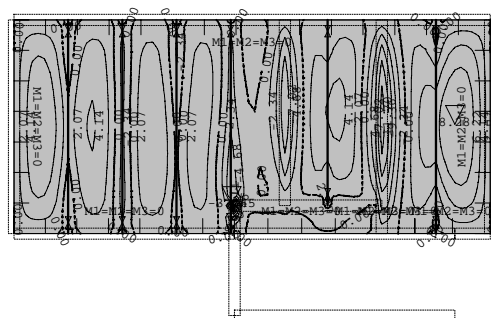


Pogled: streha
Vplivi v plošči: Zp

Tower - 3D Model Builder 5.5

Obt. 10: sneg 1.36kN/m²

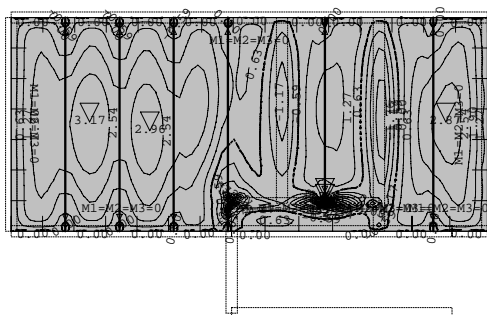
Pogled: streha
Vplivi v plošči: My
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



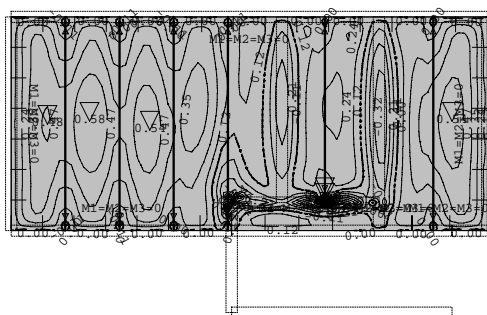
Nivo: streha in III etaža [10.16]
Vplivi v plošči: max Mx= 8.28 / min Mx= -37.45 kNm/m

Registered to Biro Udovč s.p.

Radimpex - www.radimpex.co.yu

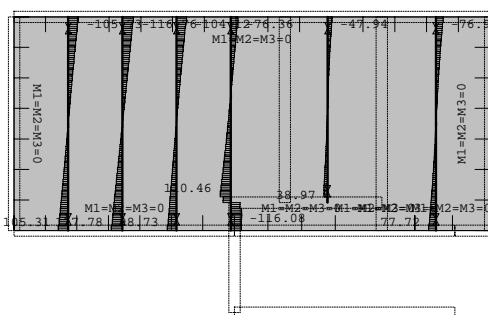


Obt. 10: sneg 1.36kN/m2



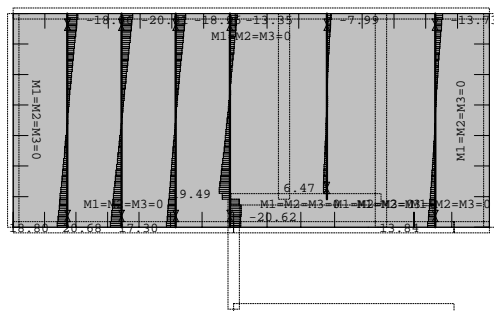
Vplivi v plošči: max $M_y = 0.58$ / min $M_y = -1.61$ kNm/m

Obt. 1: lastna+stalna 1.7;2.9kN/m2 (g)
--



Vplivi v gredi: max T2= 117.78 / min T2= -116.76 kN

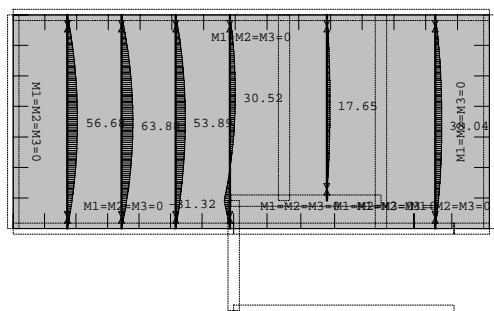
Obt. 10: sneg 1.36kN/m²



Nivo: streha in III etaža [10.16]

Vplivi v gredi: max T2= 20.68 / min T2= -20.62 kN

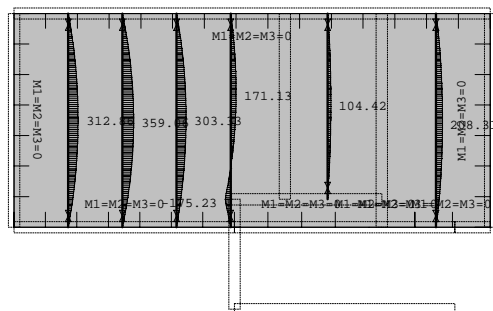
Obt. 10: sneg 1.36kN/m²



Nivo: streha in III etaža [10.16]

Vplivi v gredi: max M3= 63.88 / min M3= -31.32 kNm

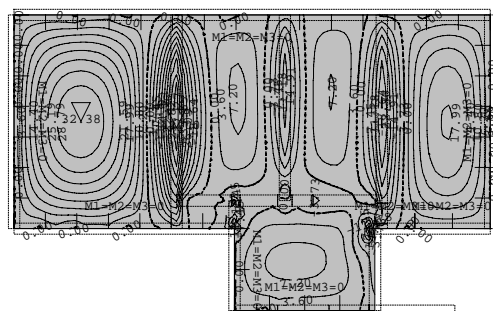
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Nivo: streha in III etaža [10.16]

Vplivi v gredi: max M3= 359.06 / min M3= -175.23 kNm

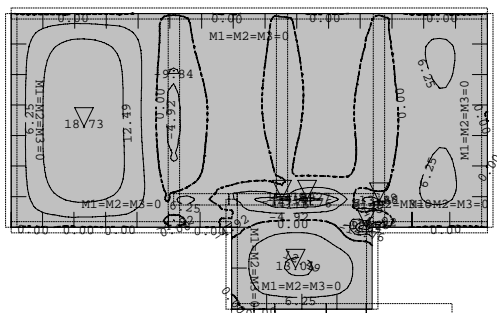
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Nivo: II etaža [6.62]

Vplivi v plošči: max Mx= 32.38 / min Mx= -41.00 kNm/m

Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)

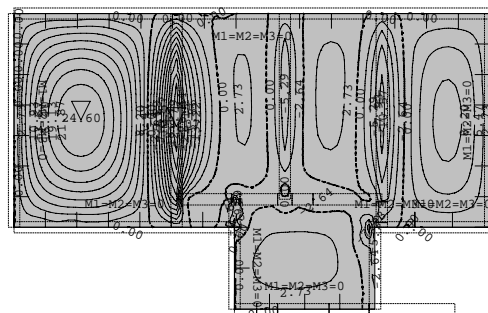


Nivo: II etaža [6.62]

Vplivi v plošči: max $M_y = 18.73$ / min $M_y = -19.68$ kNm/m

Obt. 2: 1.koristna 4 ; 6kN/m²

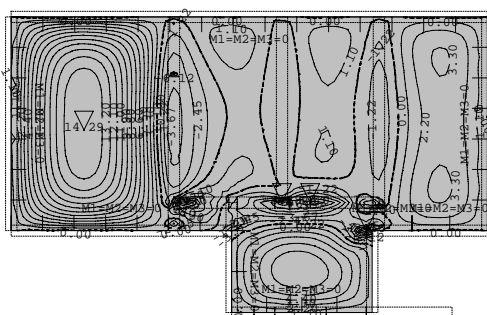
Obt. 2: 1.koristna 4 ; 6kN/m²



Nivo: II etaža [6.62]

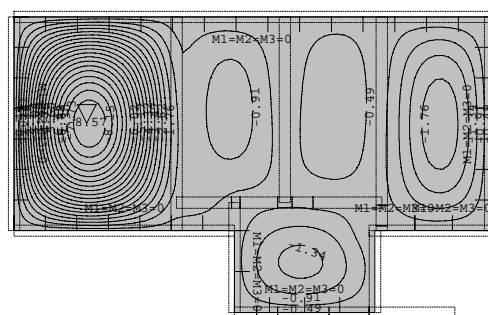
Vplivi v plošči: max $M_x = 24.60$ / min $M_x = -29.07$ kNm/m

Ovo: 18-21



Nivo: II etaža [6.62]

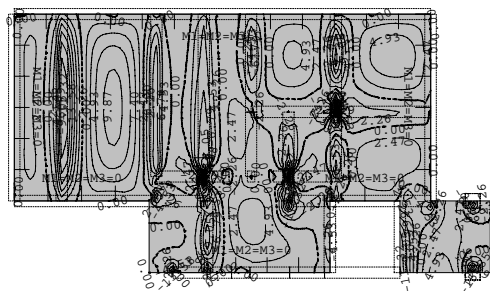
Vplivi v plošči: max $M_y = 14.29$ / min $M_y = -8.56$ kNm/m



Nivo: II etaža [6.62]

Vplivi v plošči: max $Z_p = 0.00$ / min $Z_p = -8.57$ m / 1000

Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)

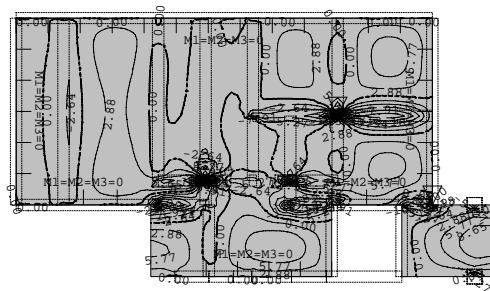


Nivo: I etaža [3.48]

Vplivi v plošči: max $M_x = 22.19$ / min $M_x = -24.90$ kNm/m

Obt. 2: 1.koristna 4 ; 6kN/m²

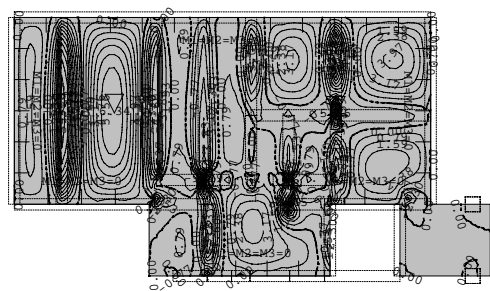
Obt. 1: lastna+stalna 1.7;2.9kN/m² (g)



Nivo: I etaža [3.48]

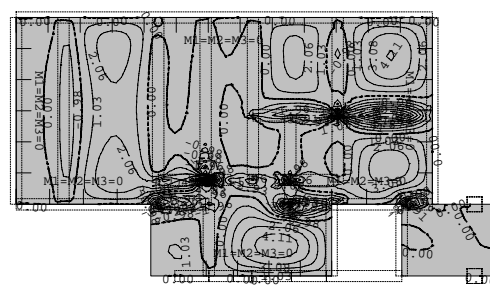
Vplivi v plošči: max $M_y = 28.84$ / min $M_y = -26.36$ kNm/m

Obt. 2: 1.koristna 4 ; 6kN/m²



Nivo: I etaža [3.48]

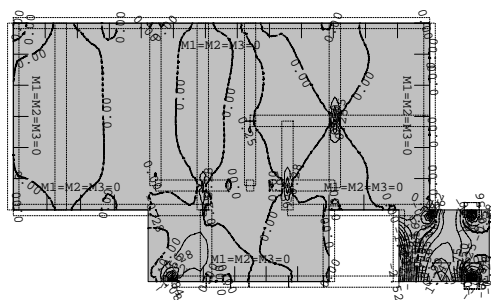
Vplivi v plošči: max $M_x = 6.34$ / min $M_x = -9.19$ kNm/m



Nivo: I etaža [3.48]

Vplivi v plošči: max $M_y = 10.28$ / min $M_y = -9.77$ kNm/m

Obt. 10: sneg 1.36kN/m²

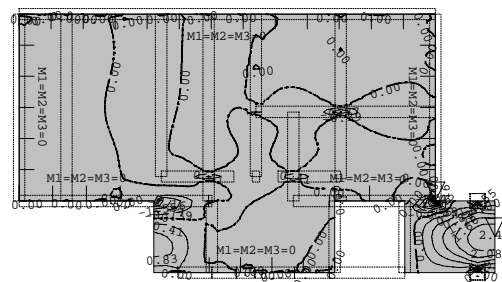


Nivo: I etaža [3.48]

Vplivi v plošči: max Mx= 1.49 / min Mx= -3.91 kNm/m

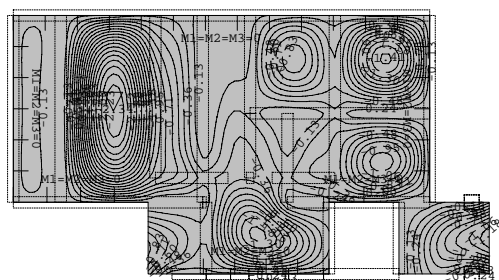
Ovo: 18-21

Obt. 10: sneg 1.36kN/m²



Nivo: I etaža [3.48]

Vplivi v plošči: max My= 2.48 / min My= -5.42 kNm/m

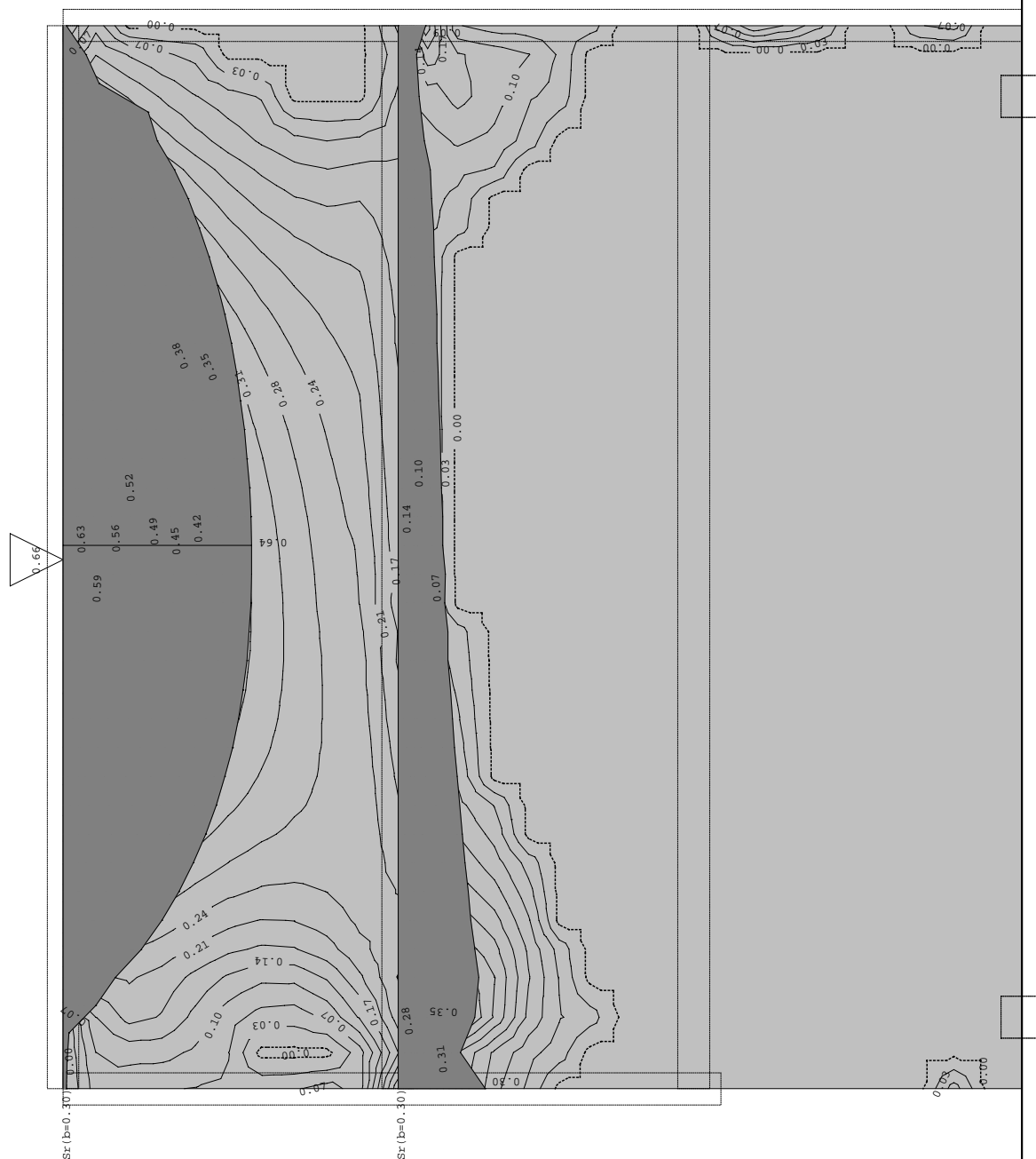


Nivo: I etaža [3.48]

Vplivi v plošči: max Zp= 0.00 / min Zp= -2.34 m / 1000

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= 0.66 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=9.77 m; Z=10.16 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+1.00xXI

Mu = 0.00 kNm

Nu = 56.87 kN

 $\epsilon_b/\epsilon_a = 1.561/10.000 \text{ ‰}$ Az1 = 0.65 cm²/mAs1 = 0.66 cm²/mX=-0.00 m; Y=4.32 m; Z=6.33 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVIII+0.75xX

Mu = 0.40 kNm

Nu = 32.91 kN

 $\epsilon_b/\epsilon_a = 1.180/10.000 \text{ ‰}$ Az1 = 0.41 cm²/mAs1 = 0.41 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

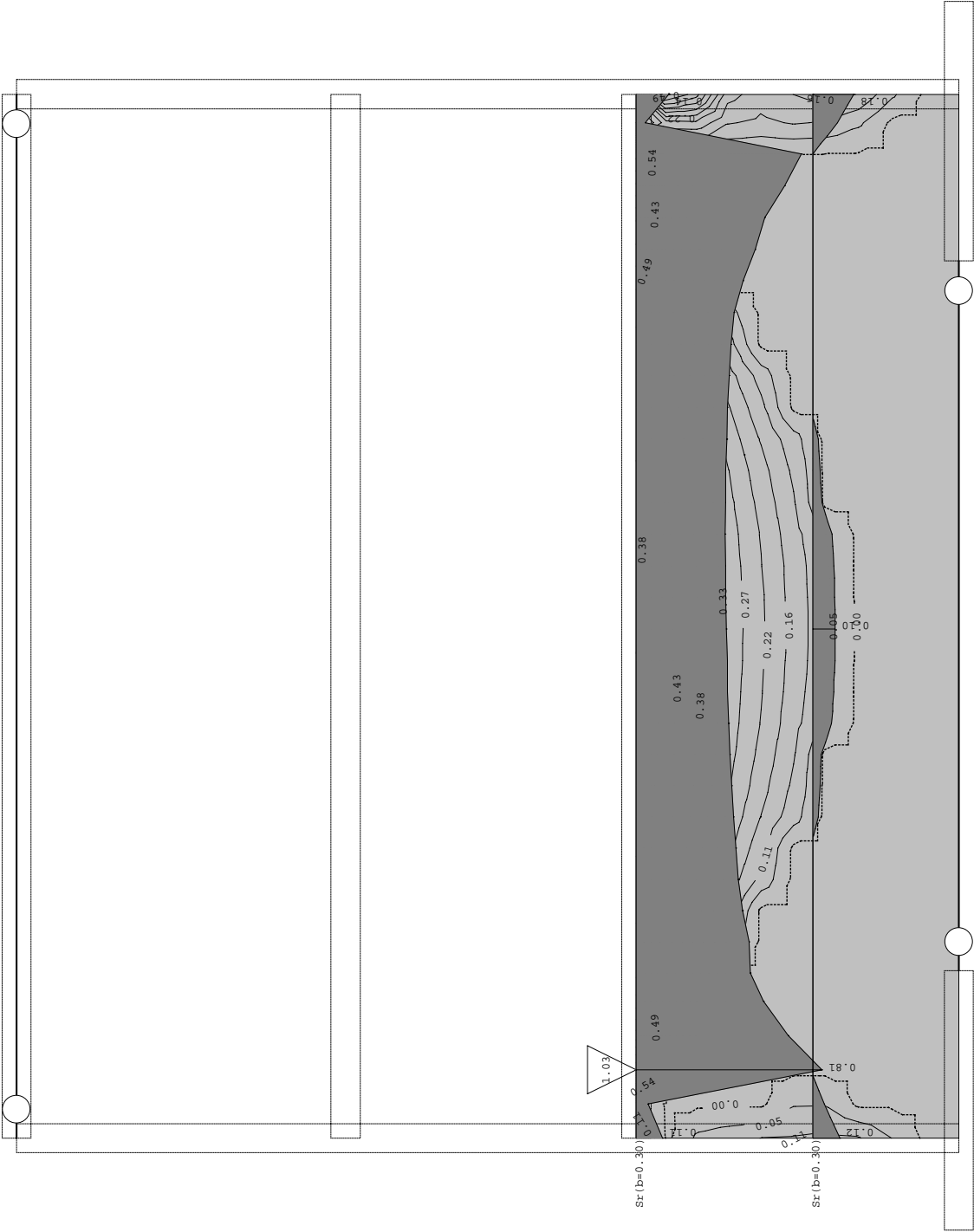
1.35xI+1.50xII+0.90xVI+0.75xX

Mu = 2.55 kNm

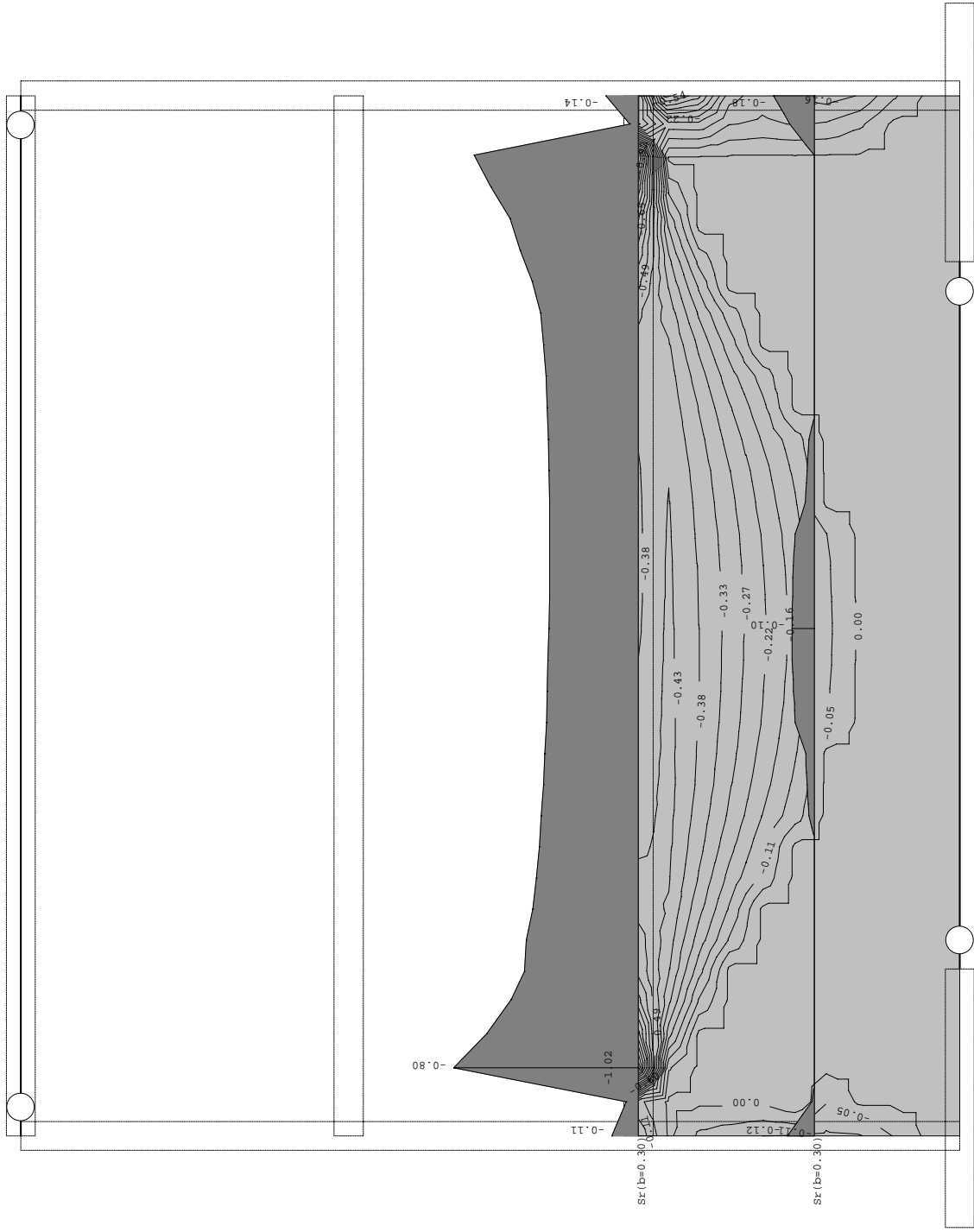
Nu = 128.39 kN

 $\epsilon_b/\epsilon_a = 0.960/10.000 \text{ ‰}$ Az2 = 1.69 cm²/mAs2 = 1.70 cm²/m

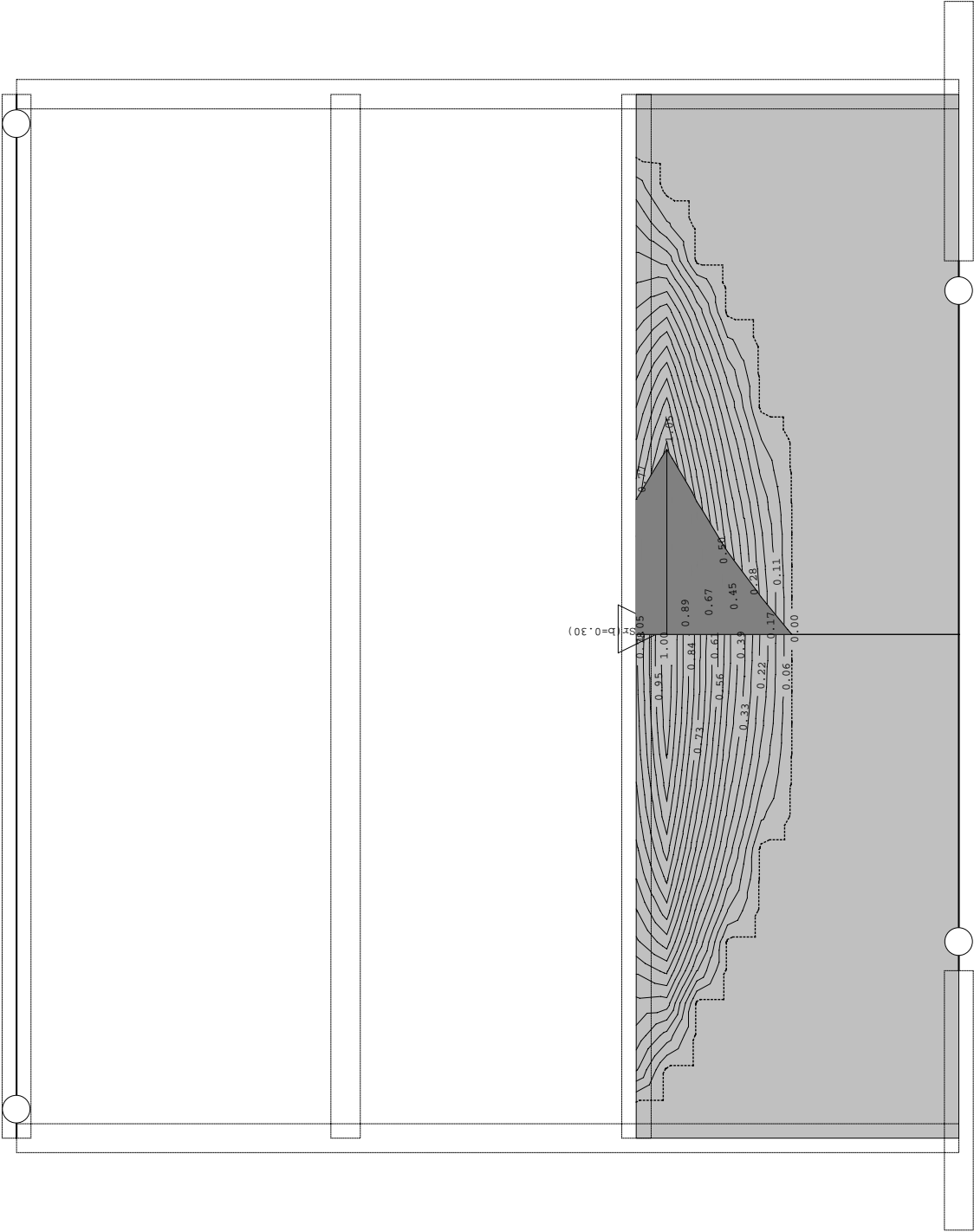
Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm

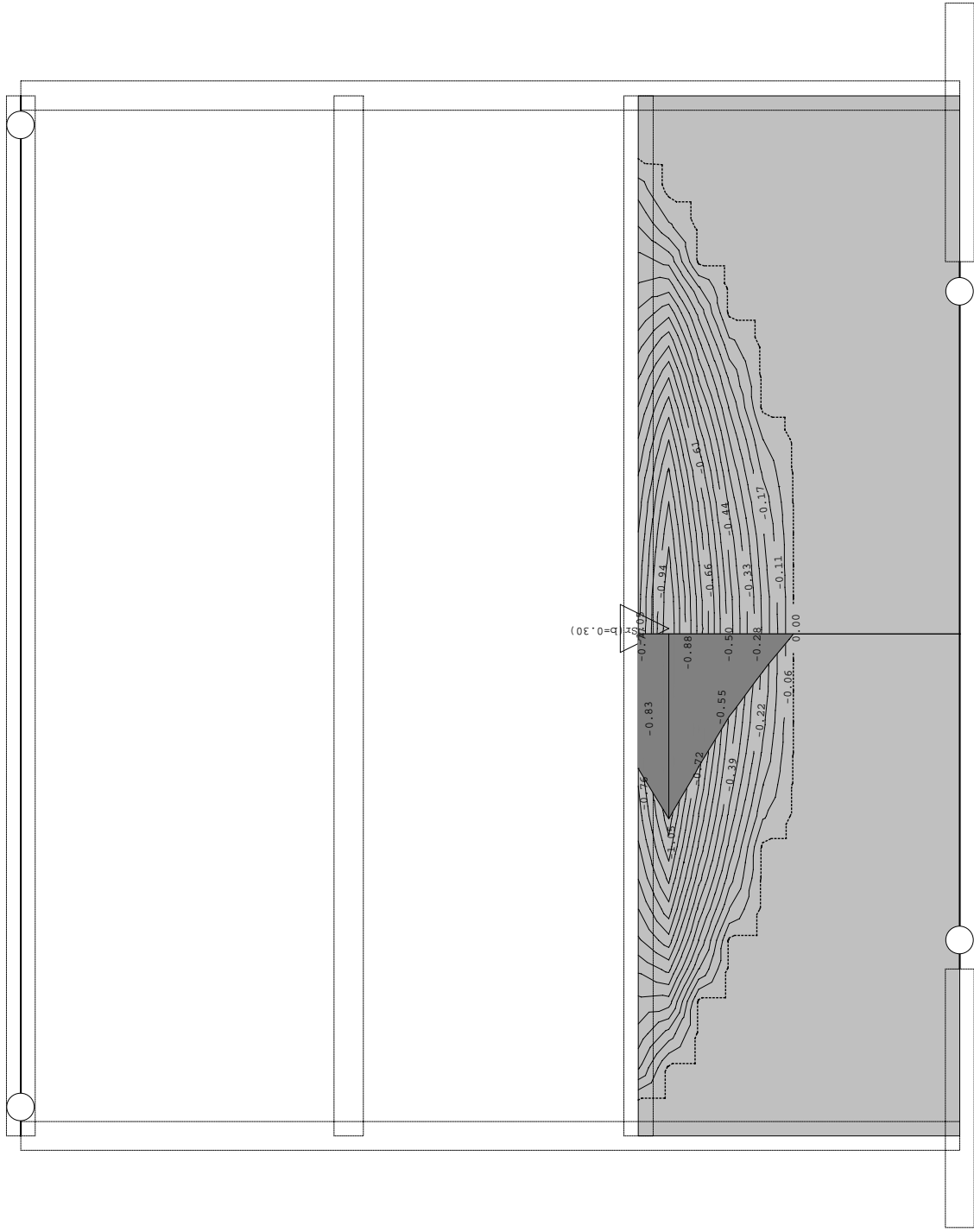


Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Okvir: V. 2
Aa - sp.cona

Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



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=2.85 m; Y=5.06 m; Z=3.48 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xIX+0.75xX

Mu = 0.81 kNm

Nu = 83.19 kN

 $\epsilon_b/\epsilon_a = 1.257/10.000 \text{ ‰}$ Az1 = 1.02 cm²/mAs1 = 1.03 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xIV+0.90xVI+0.75xX

Mu = 7.19 kNm

Nu = -35.19 kN

 $\epsilon_b/\epsilon_a = -0.502/10.000 \text{ ‰}$ Az2 = 0.17 cm²/mAs2 = 0.17 cm²/mX=2.85 m; Y=9.82 m; Z=3.15 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xIV+0.90xVI+0.75xX

Mu = 4.76 kNm

Nu = 4.63 kN

 $\epsilon_b/\epsilon_a = -0.319/10.000 \text{ ‰}$ Az1 = 0.45 cm²/mAs1 = 0.45 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

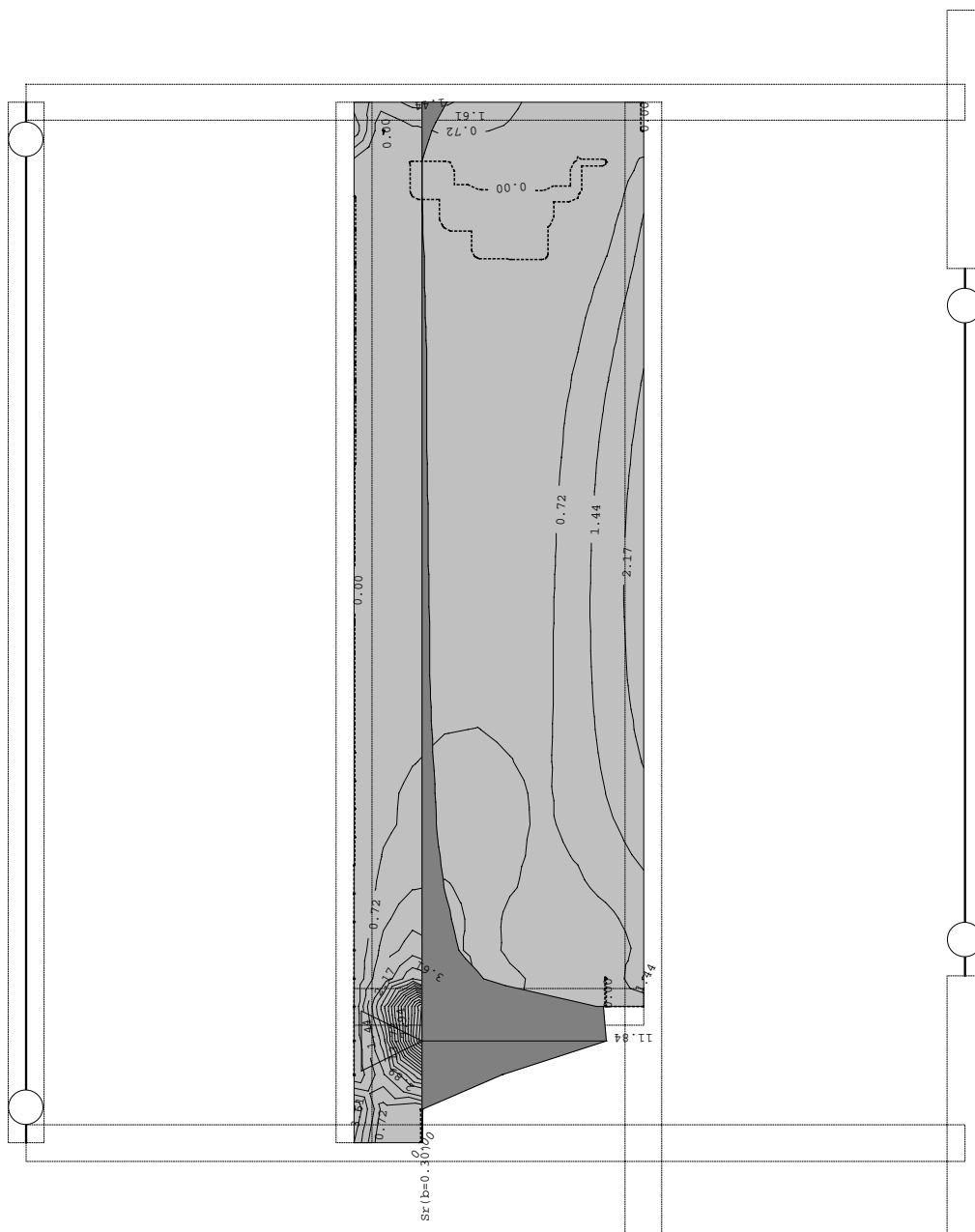
1.35xI+1.50xIV+0.90xVII+0.75xX

Mu = 22.25 kNm

Nu = -69.03 kN

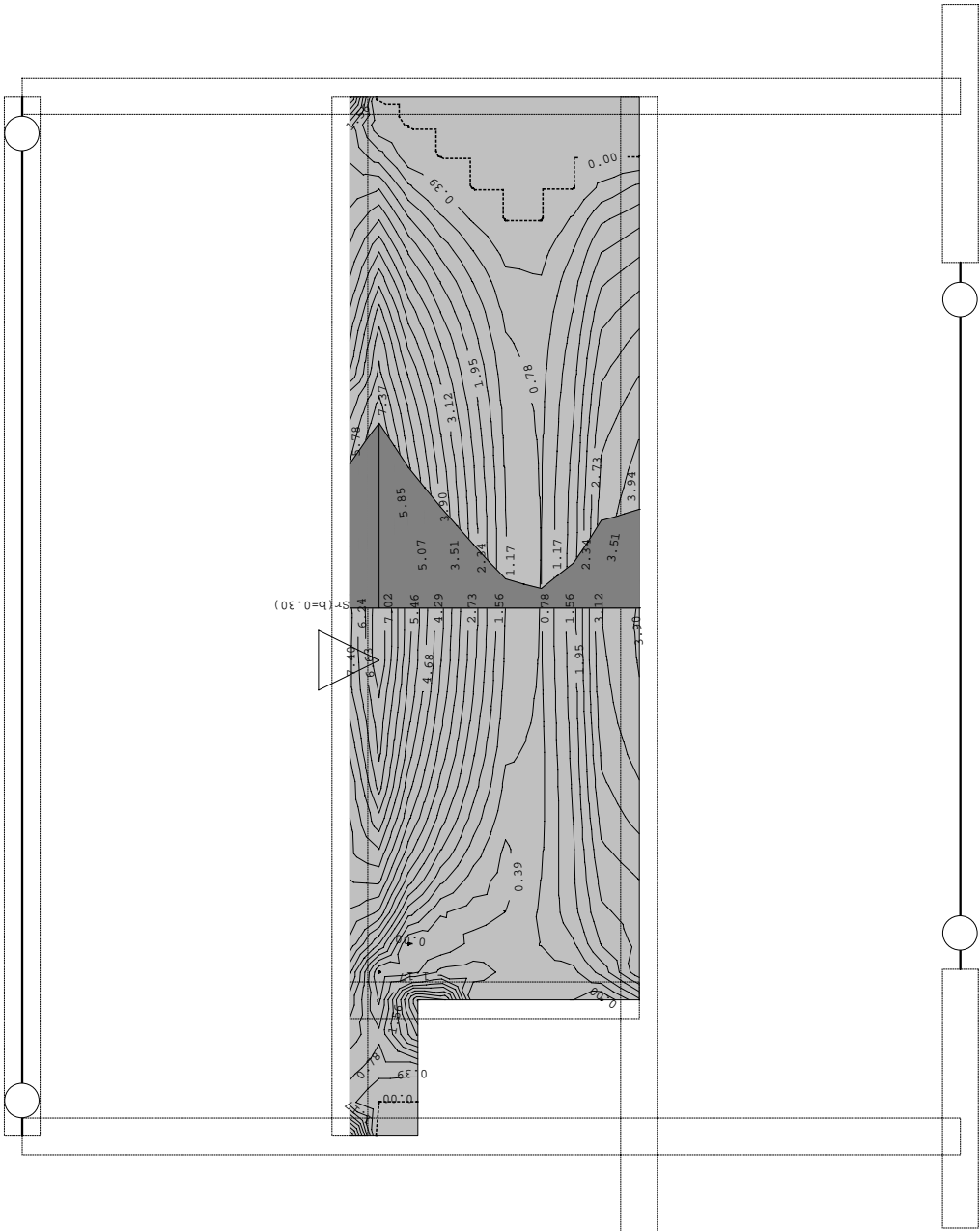
 $\epsilon_b/\epsilon_a = -0.849/10.000 \text{ ‰}$ Az2 = 1.05 cm²/mAs2 = 1.05 cm²/m

Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm

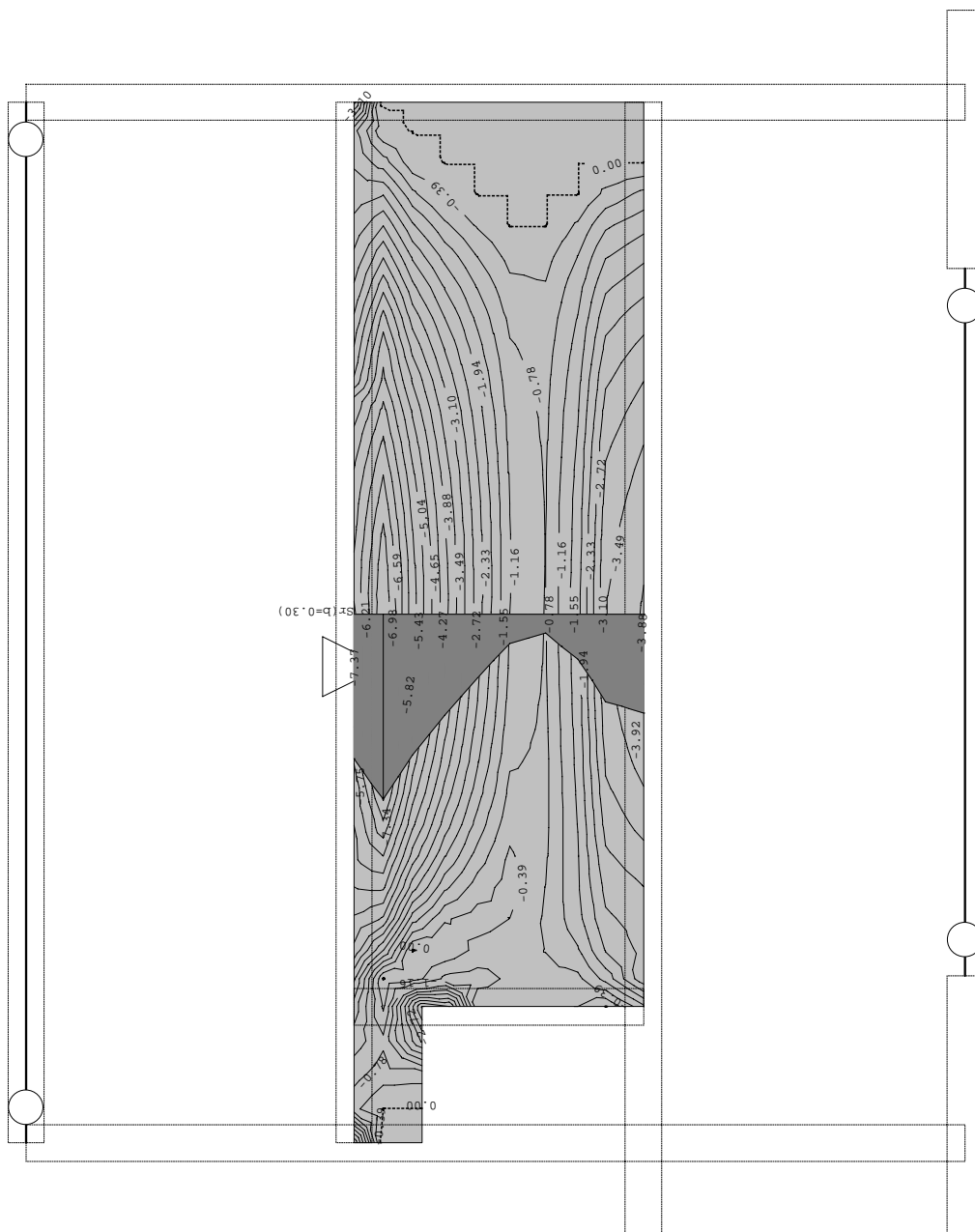


Okvir: V_3
Aa - sp.cona

Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Okvir: V 3 - EUROCODEC 25 ($d_{pl}=15.0$ cm)Zgornja cona: MAG 500/560 ($a=2.0$ cm)Spodnja cona: MAG 500/560 ($a=2.0$ cm)X=8.55 m; Y=5.43 m; Z=5.88 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xIX

Mu = -1.27 kNm

Nu = 1164.08 kN

 $\epsilon_b/\epsilon_a = 0.639/10.000$ ‰Az1 = 13.65 cm²/mAs1 = 13.72 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xIX

Mu = 1.35 kNm

Nu = 219.29 kN

 $\epsilon_b/\epsilon_a = 0.243/10.000$ ‰Az2 = 2.79 cm²/mAs2 = 2.80 cm²/mX=8.55 m; Y=9.48 m; Z=6.30 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+1.50xIII+0.90xIX+0.75xX

Mu = -8.38 kNm

Nu = -89.18 kN

 $\epsilon_b/\epsilon_a = -1.313/10.000$ ‰Az1 = 0.39 cm²/mAs1 = 0.39 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

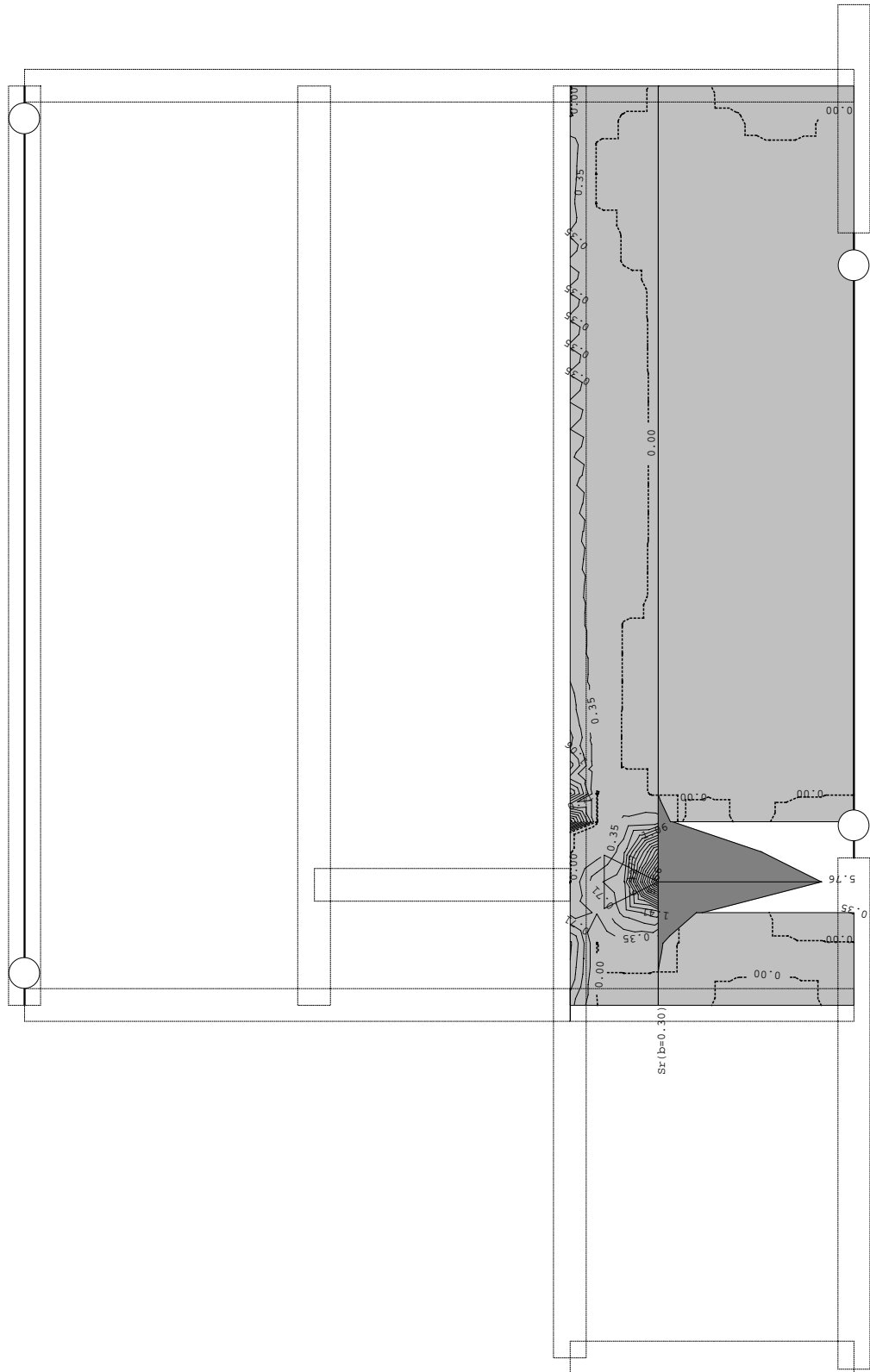
1.35xI+1.50xIII+0.90xIX+0.75xX

Mu = -42.97 kNm

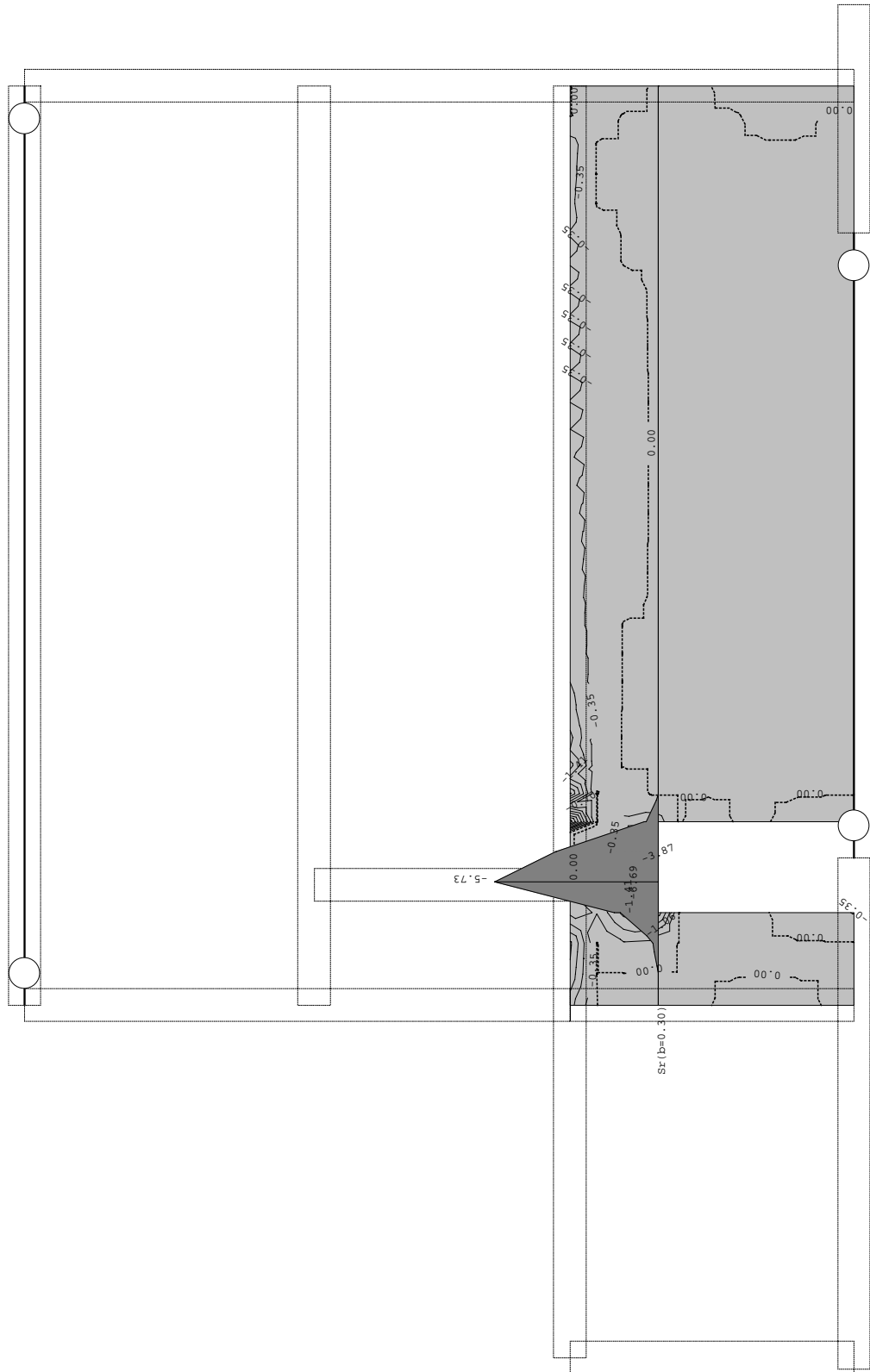
Nu = -92.49 kN

 $\epsilon_b/\epsilon_a = -2.731/10.000$ ‰Az2 = 7.37 cm²/mAs2 = 7.40 cm²/m

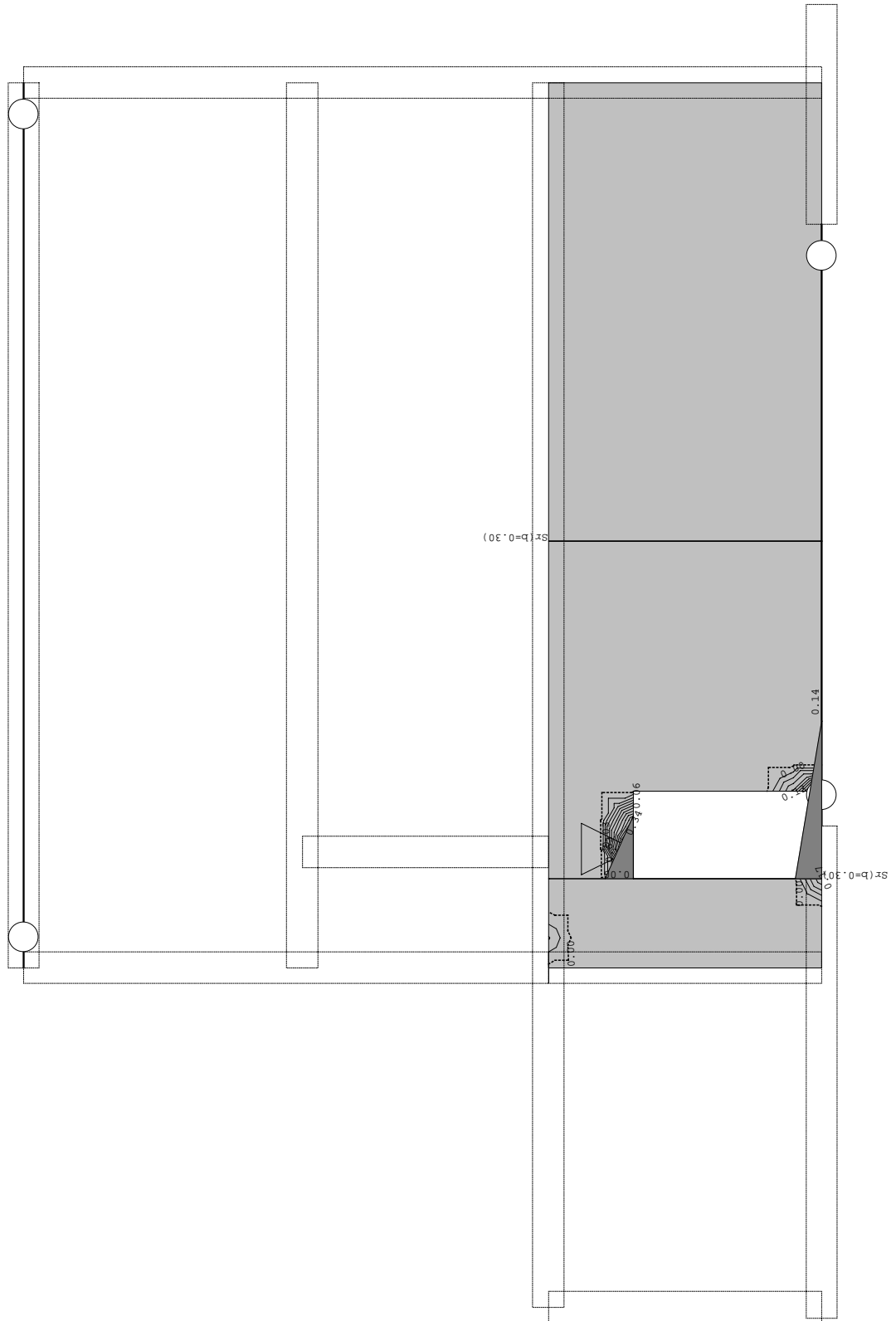
Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm

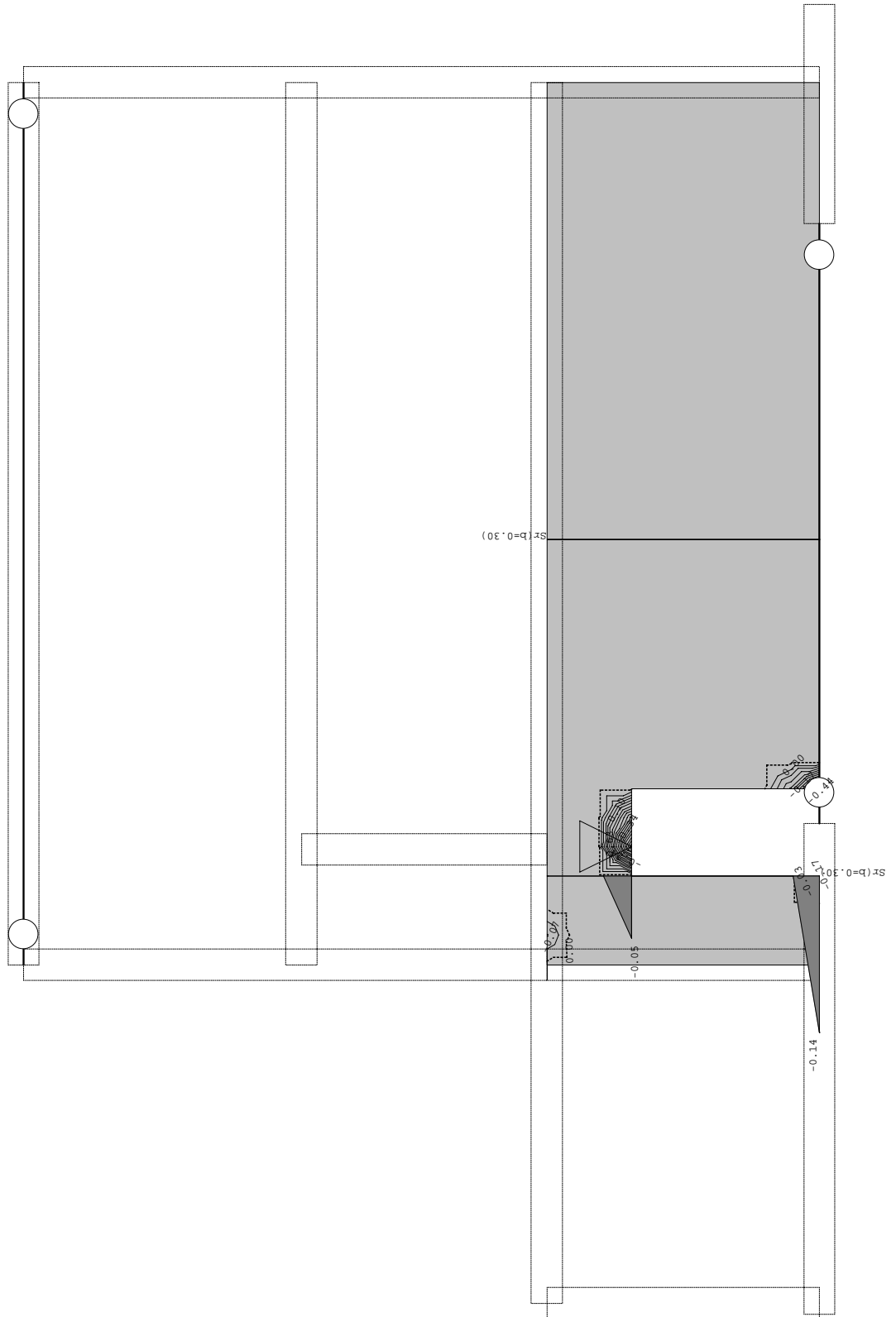


Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Okvir: V_4
Aa - sp.cona

Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Okvir: V_4
Aa - zq.cona

Okvir: V 4 - EUROCODE

C 25 (d,pl=15.0 cm)

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

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

X=11.40 m; Y=5.83 m; Z=2.40 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVIII+0.75xX

Mu = -0.58 kNm

Nu = 570.95 kN

 $\epsilon_b/\epsilon_a = 0.646/10.000 \text{ ‰}$ Az1 = 6.69 cm²/mAs1 = 6.72 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

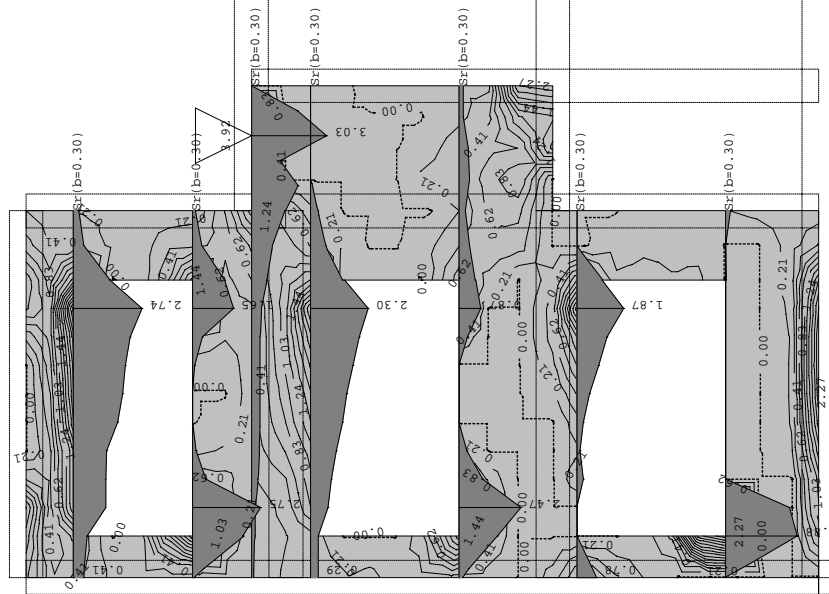
1.35xI+1.50xII+0.90xVIII+0.75xX

Mu = -0.11 kNm

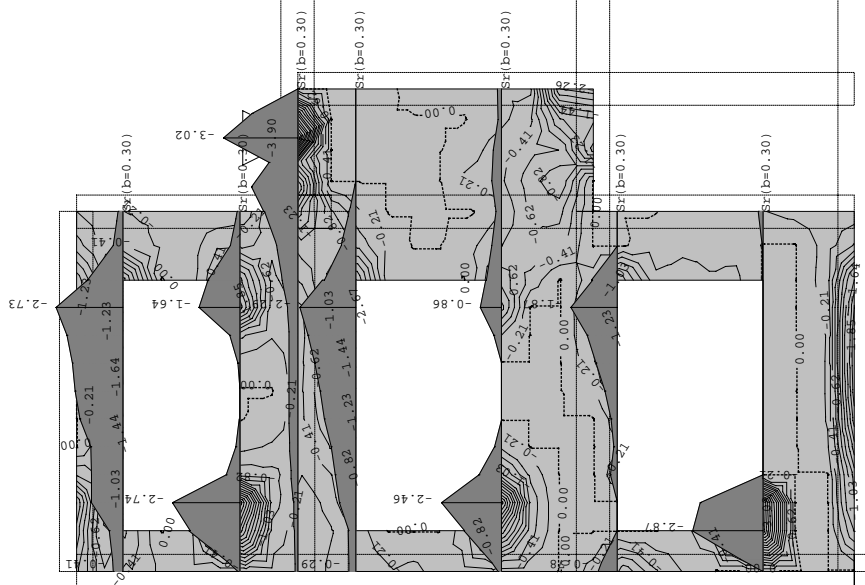
Nu = 52.85 kN

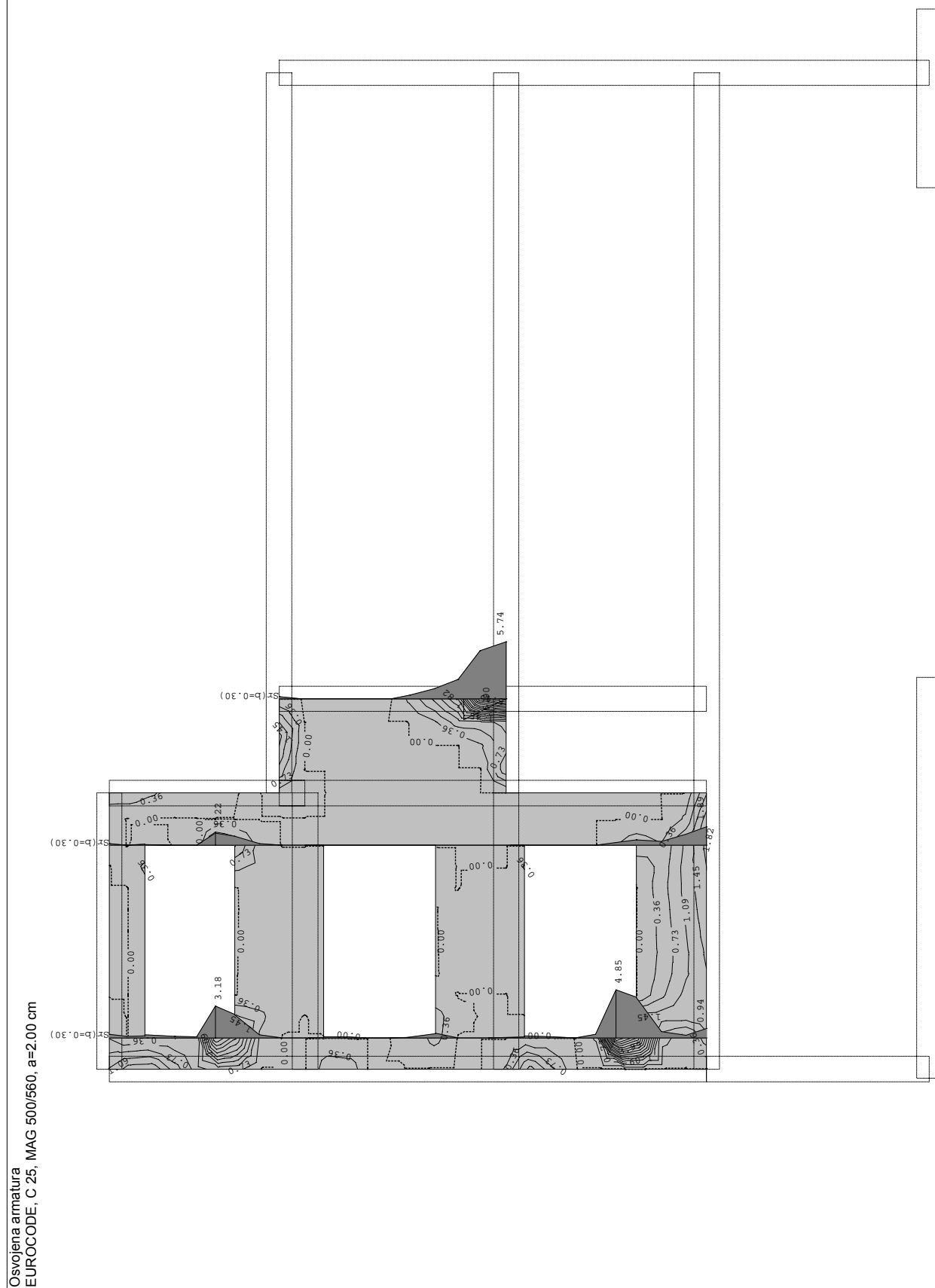
 $\epsilon_b/\epsilon_a = 0.558/10.000 \text{ ‰}$ Az2 = 0.63 cm²/mAs2 = 0.63 cm²/m

Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm

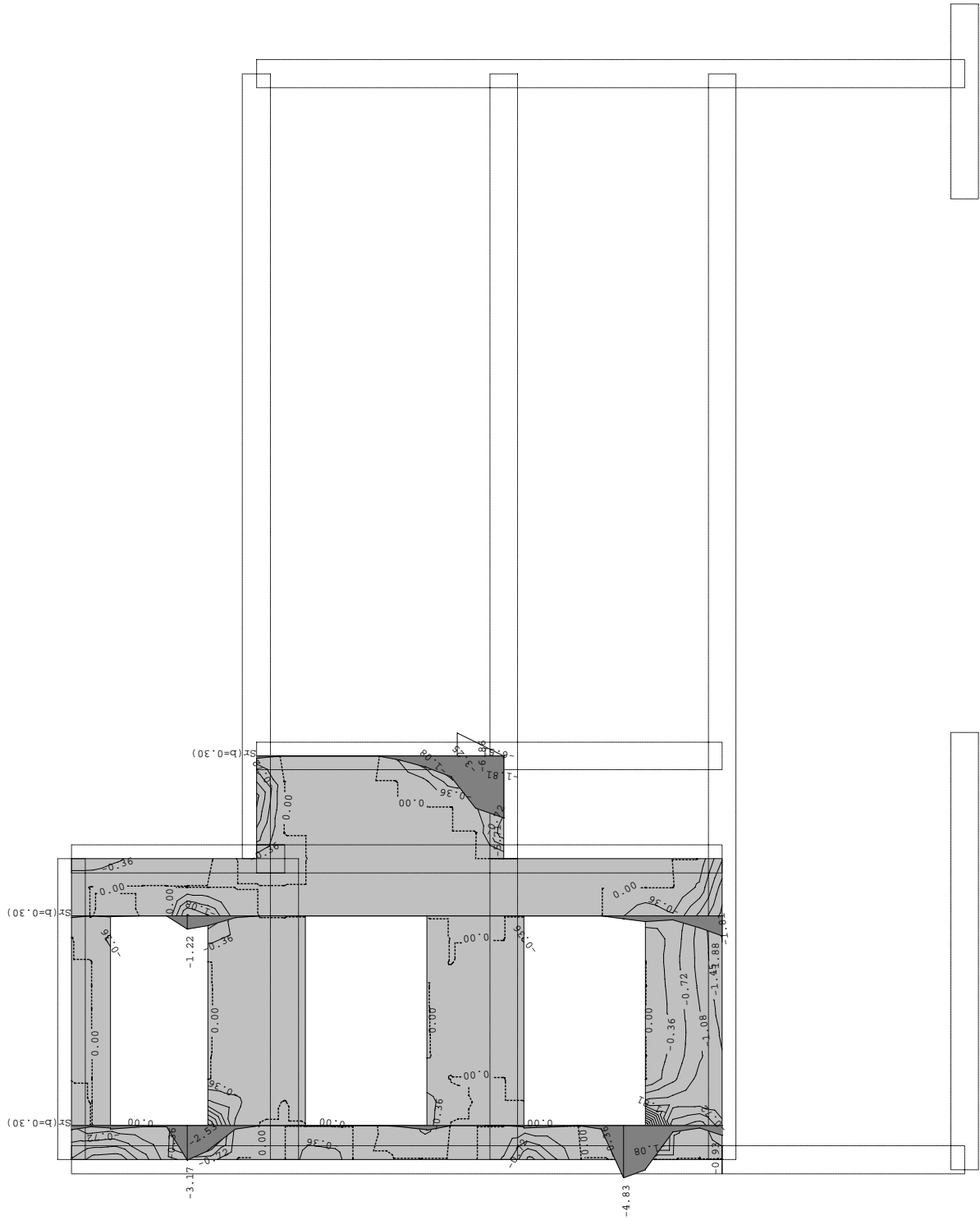


Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm





Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Okvir: V 5 - EUROCODEC 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=11.60 m; Y=5.20 m; Z=10.16 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+0.90xVIII+1.50xX

Mu = -8.01 kNm

Nu = 277.24 kN

 $\epsilon_b/\epsilon_a = 0.714/10.000$ ‰Az1 = 3.90 cm²/mAs1 = 3.92 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+0.90xVII+1.50xX

Mu = -15.36 kNm

Nu = 24.79 kN

 $\epsilon_b/\epsilon_a = -0.543/10.000$ ‰Az2 = 1.58 cm²/mAs2 = 1.59 cm²/mX=11.60 m; Y=5.79 m; Z=6.62 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xIII+0.90xIX+0.75xX

Mu = 6.63 kNm

Nu = 159.99 kN

 $\epsilon_b/\epsilon_a = 0.446/10.000$ ‰Az1 = 2.41 cm²/mAs1 = 2.43 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xIX

Mu = 9.05 kNm

Nu = 530.06 kN

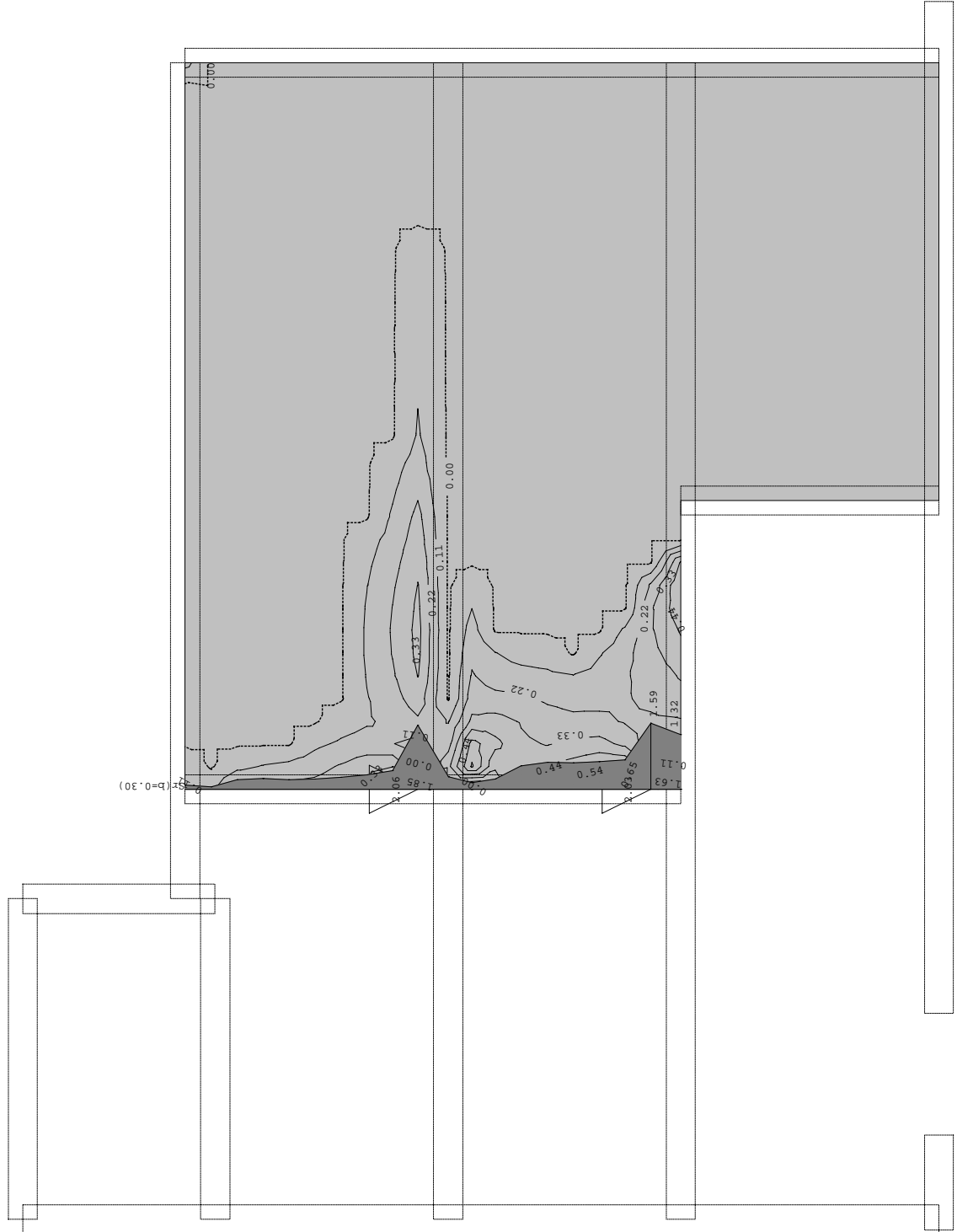
 $\epsilon_b/\epsilon_a = 1.037/10.000$ ‰Az2 = 6.86 cm²/mAs2 = 6.90 cm²/m

Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm

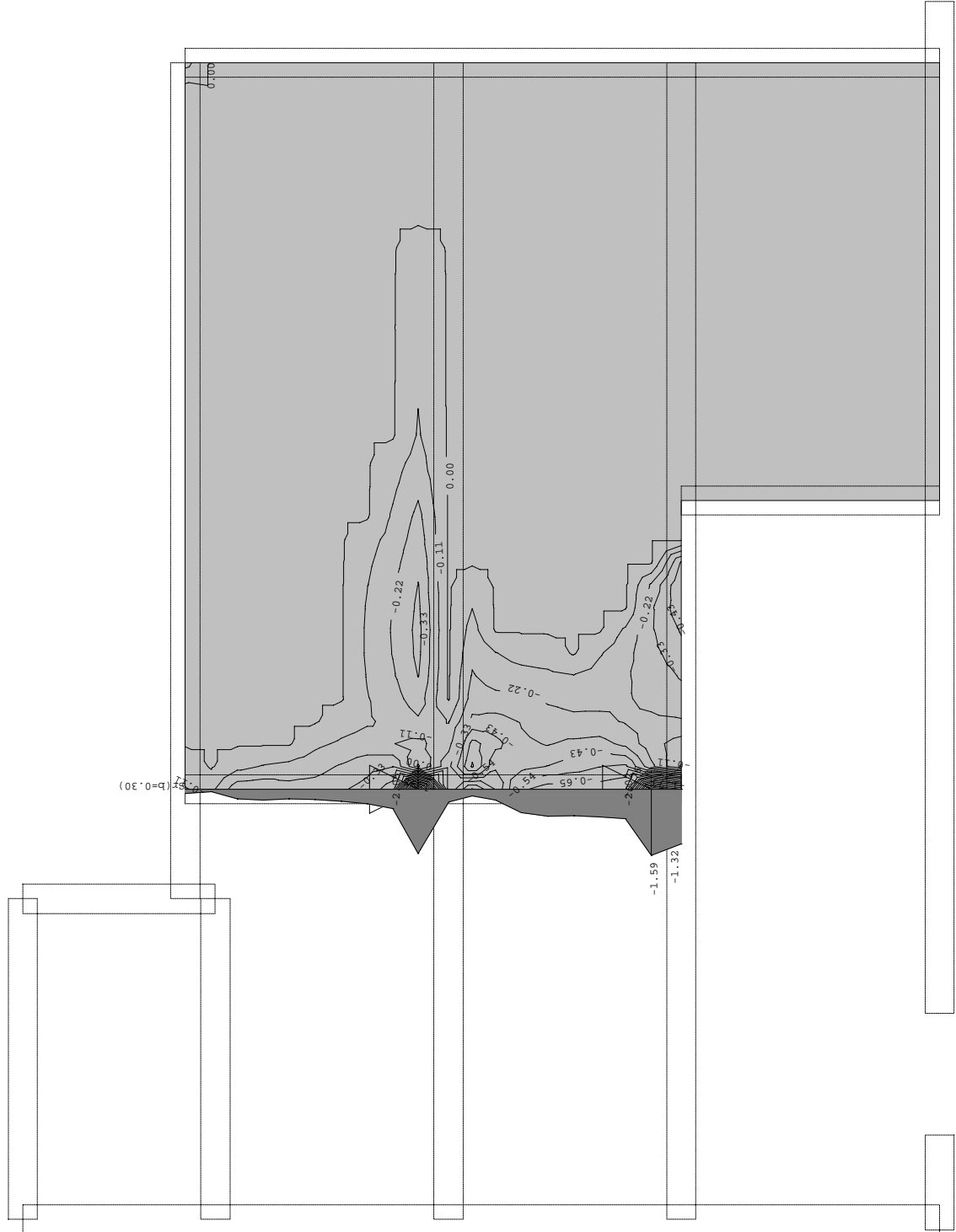


Okvir: V_6
Aa - sp.cona

Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Okvir: V 6 - EUROCODE

C 25 (d,pl=15.0 cm)

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

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

X=14.25 m; Y=5.79 m; Z=7.02 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xV+0.90xVI+0.75xX

Mu = -0.36 kNm

Nu = 117.94 kN

 $\epsilon_b/\epsilon_a = 0.473/10.000 \text{ ‰}$ Az1 = 1.43 cm²/mAs1 = 1.44 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

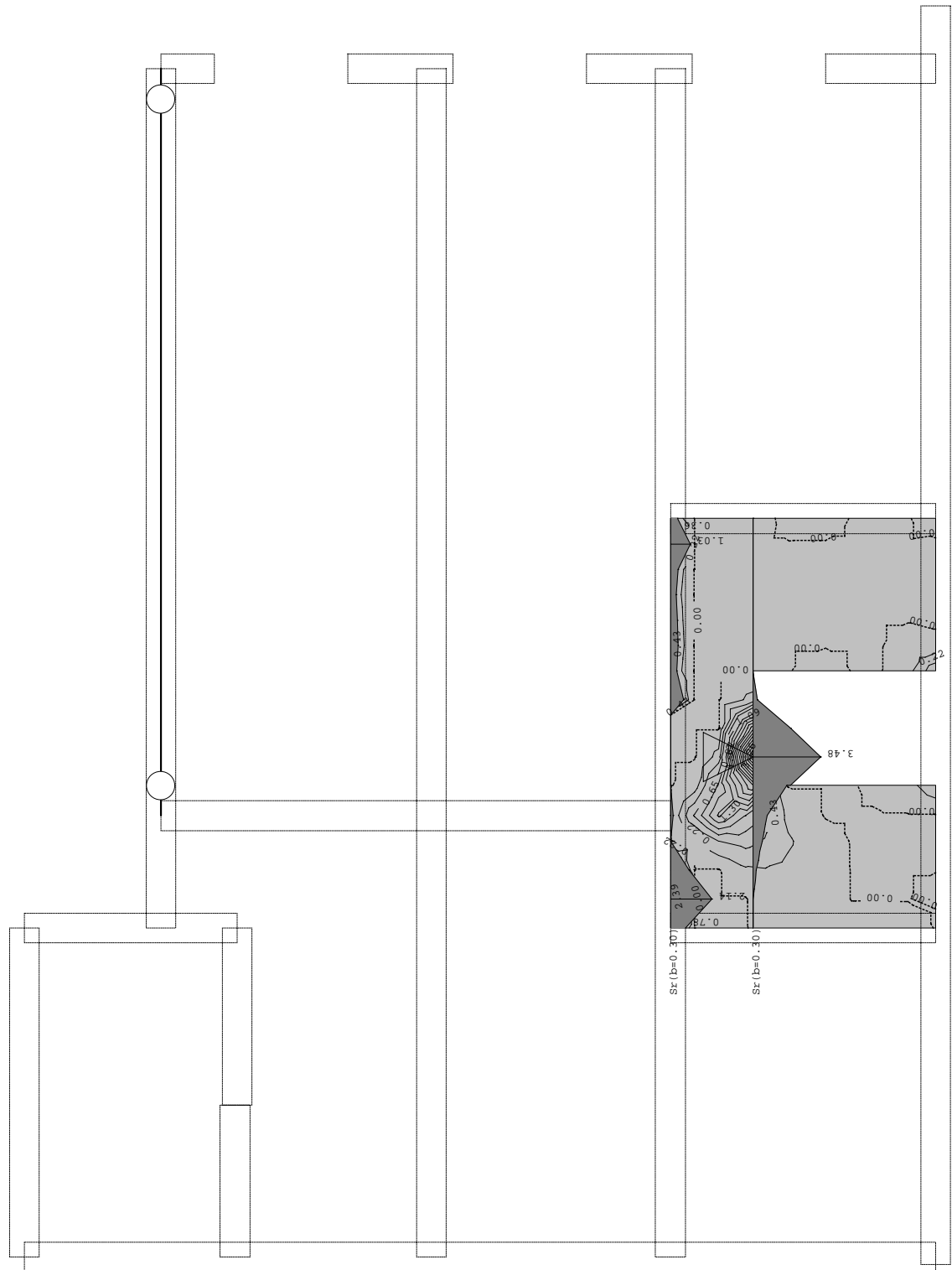
1.35xI+1.50xV+0.90xIX

Mu = -0.04 kNm

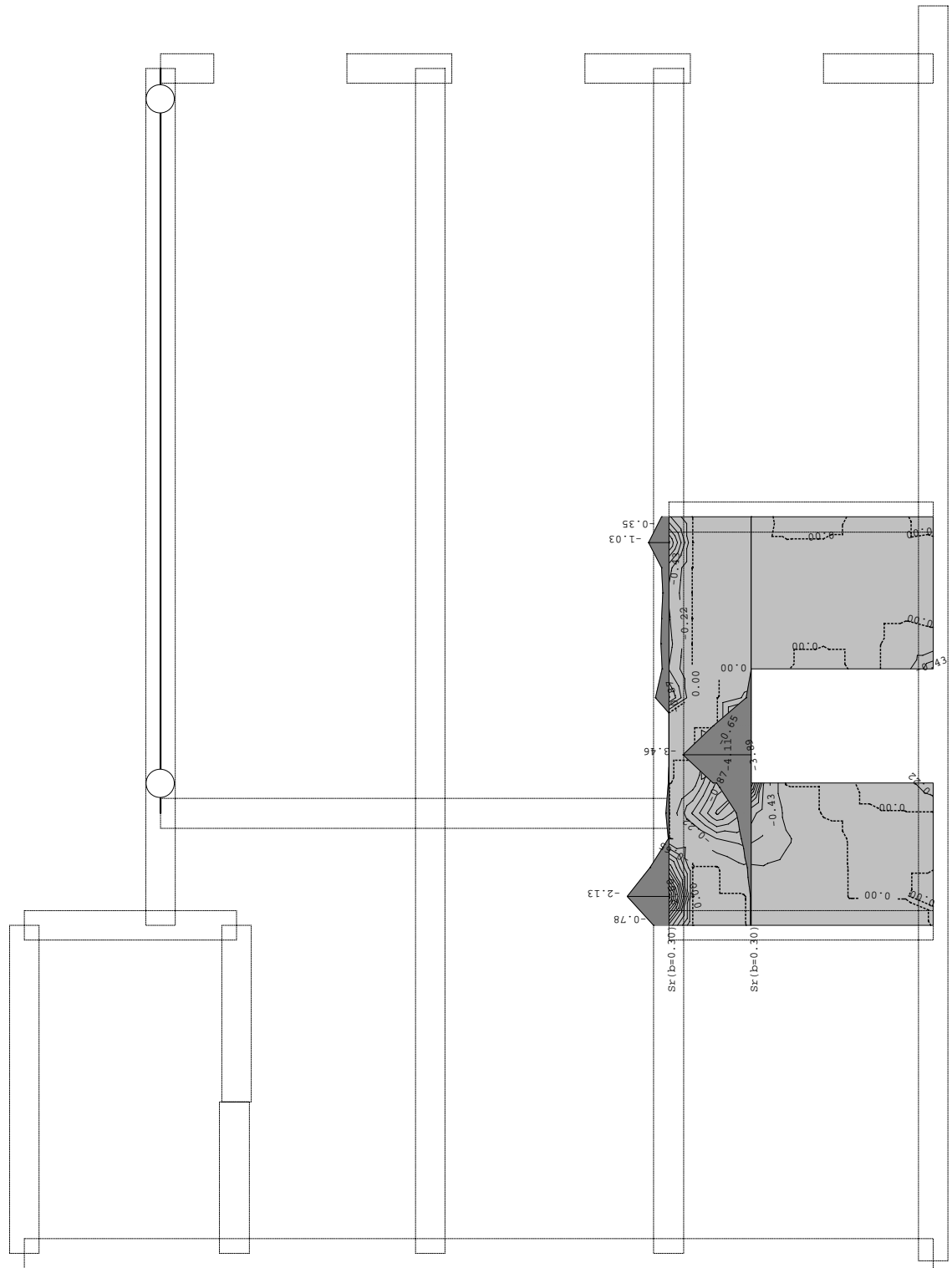
Nu = 177.93 kN

 $\epsilon_b/\epsilon_a = 0.720/10.000 \text{ ‰}$ Az2 = 2.05 cm²/mAs2 = 2.06 cm²/m

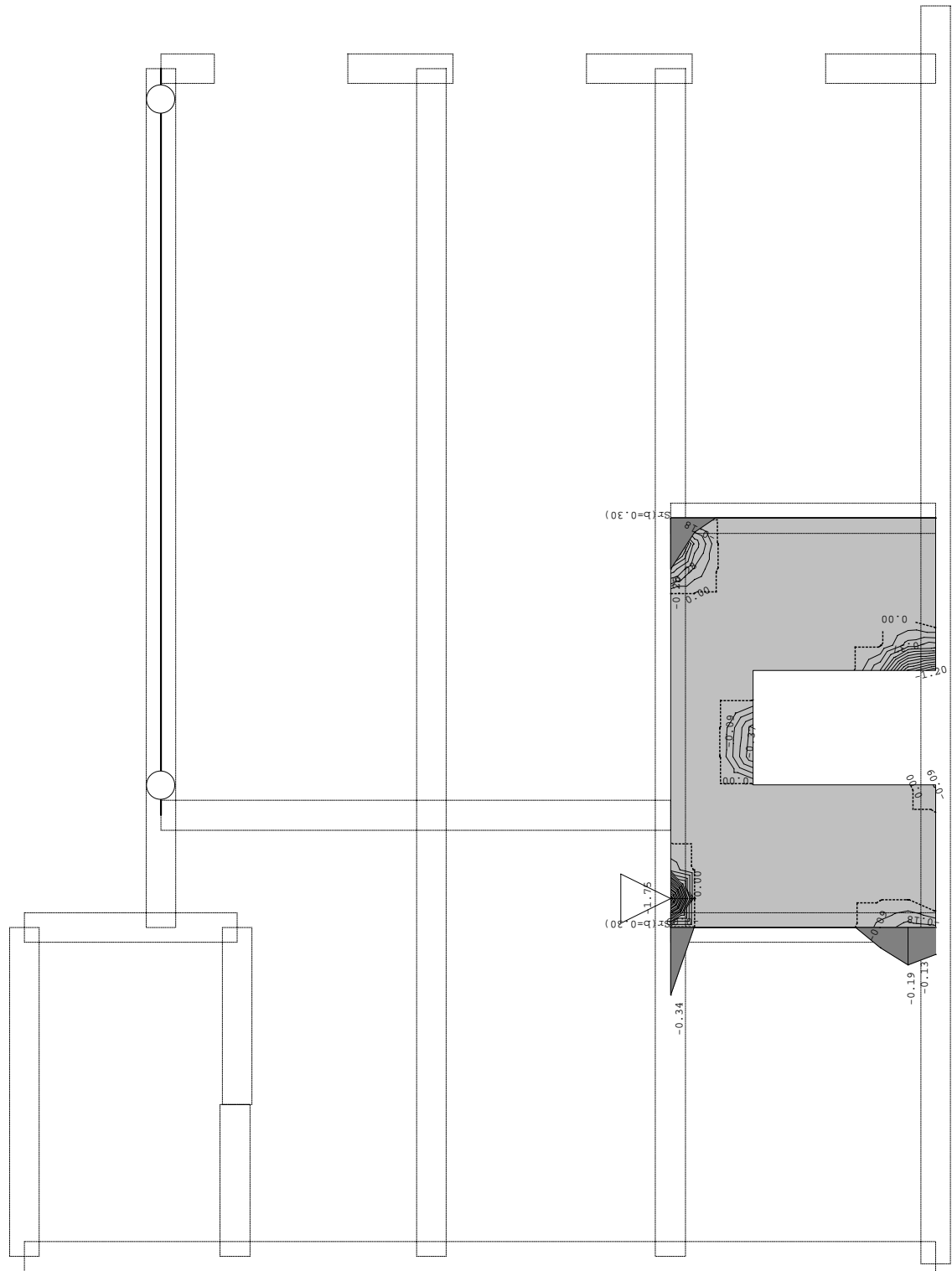
Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Okvir: V 7 - EUROCODEC 25 ($d_{pl}=15.0$ cm)Zgornja cona: MAG 500/560 ($a=2.0$ cm)Spodnja cona: MAG 500/560 ($a=2.0$ cm) $X=16.50$ m; $Y=6.56$ m; $Z=2.40$ mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

 $1.35xI+1.50xII+0.90xVIII+0.75xX$ $Mu = 0.28$ kNm $Nu = 353.63$ kN $\epsilon b/\epsilon a = 0.691/10.000$ ‰ $Az1 = 4.11$ cm²/m $As1 = 4.12$ cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

 $1.00xI+0.60xII+1.00xXI$ $Mu = 0.01$ kNm $Nu = 39.63$ kN $\epsilon b/\epsilon a = 0.731/10.000$ ‰ $Az2 = 0.46$ cm²/m $As2 = 0.46$ cm²/m $X=16.50$ m; $Y=4.70$ m; $Z=3.48$ mSmer 1: ($\alpha=0^\circ$)

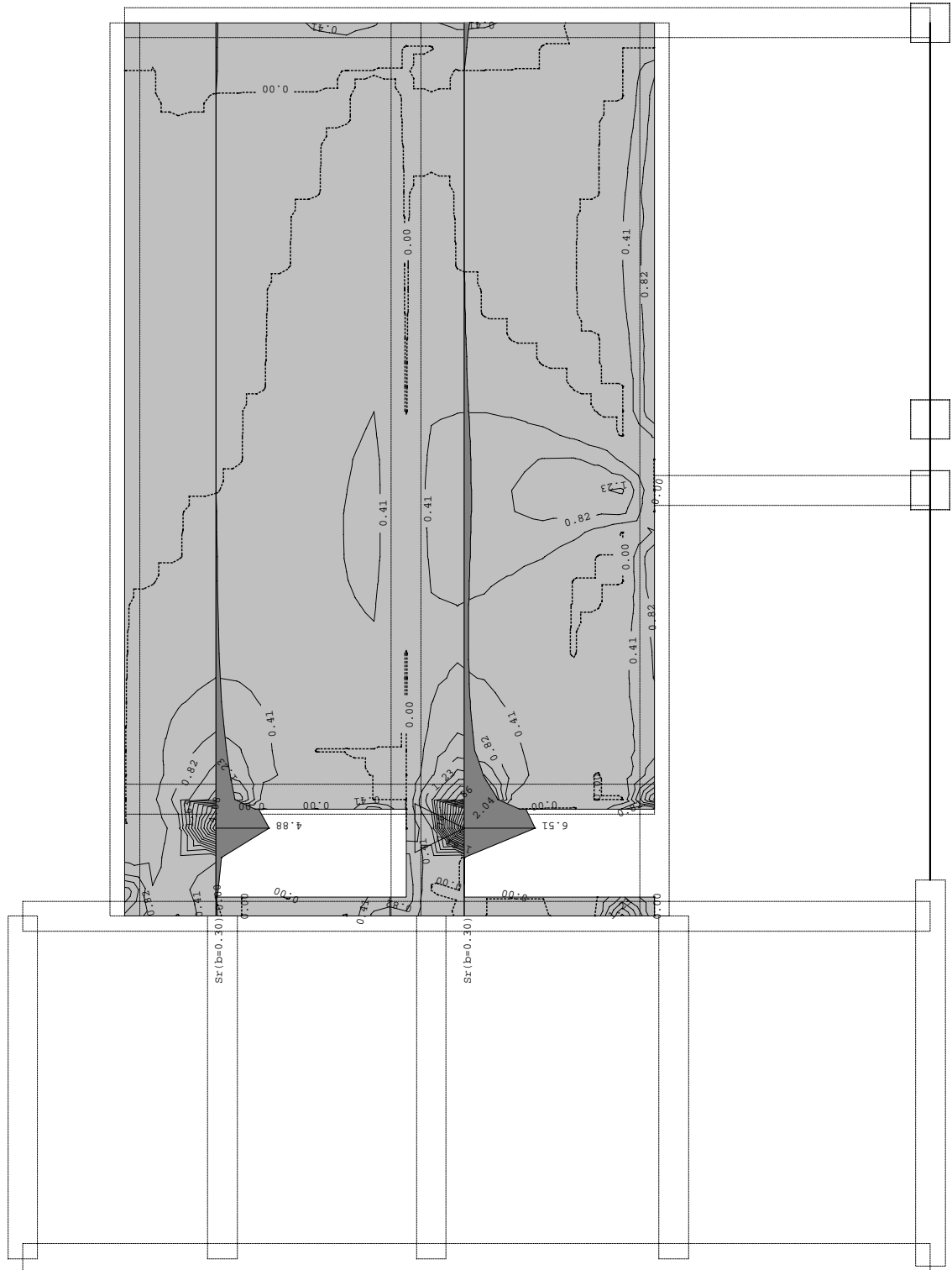
Merodajna kombinacija:

 $1.35xI+1.50xII+0.90xIX+0.75xX$ $Mu = -1.15$ kNm $Nu = 221.77$ kN $\epsilon b/\epsilon a = 0.299/10.000$ ‰ $Az1 = 2.79$ cm²/m $As1 = 2.80$ cm²/mSmer 2: ($\alpha=90^\circ$)

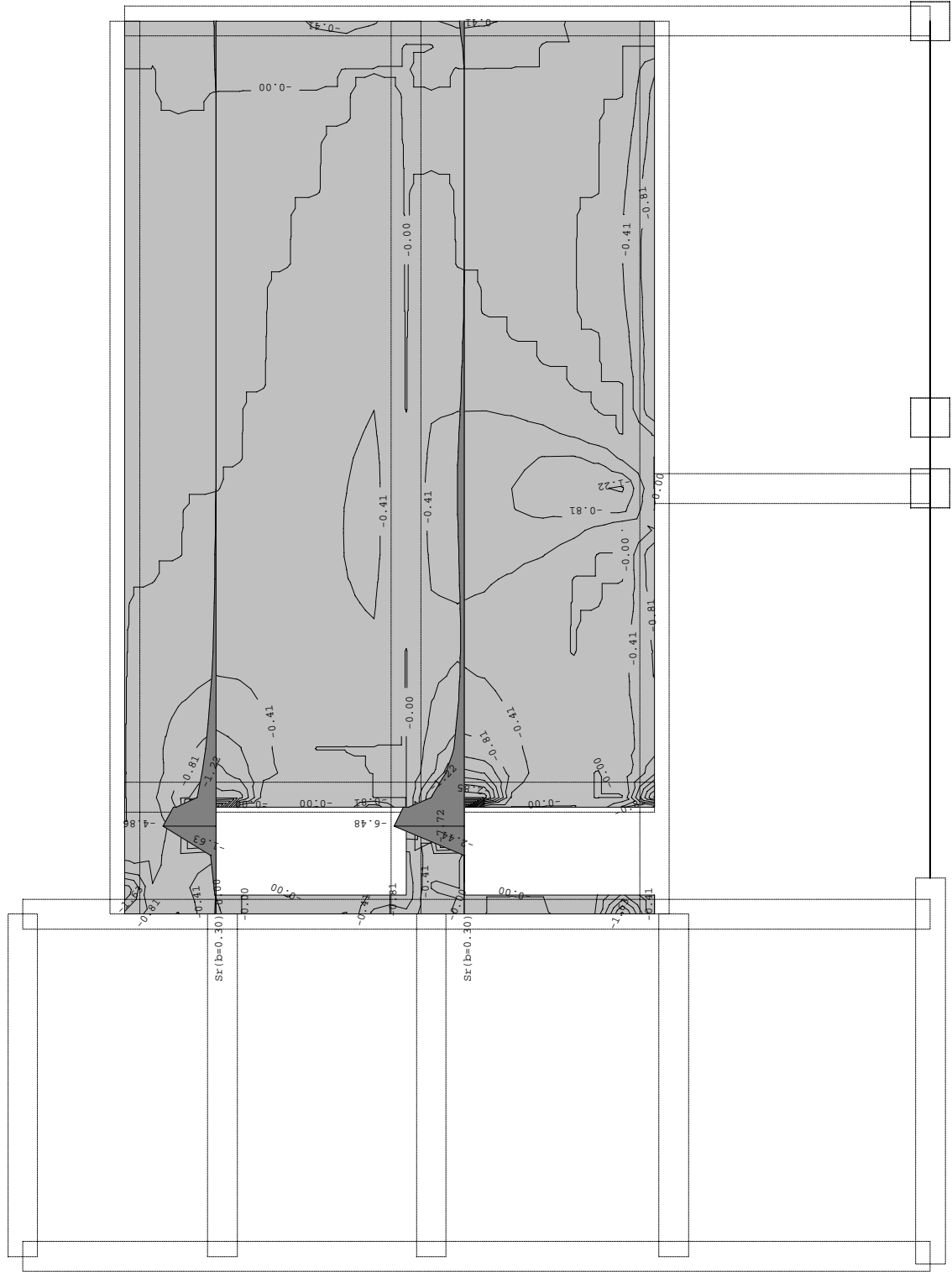
Merodajna kombinacija:

 $1.35xI+1.50xII+0.90xIX+0.75xX$ $Mu = -6.71$ kNm $Nu = 46.68$ kN $\epsilon b/\epsilon a = -0.888/10.000$ ‰ $Az2 = 1.75$ cm²/m $As2 = 1.75$ cm²/m

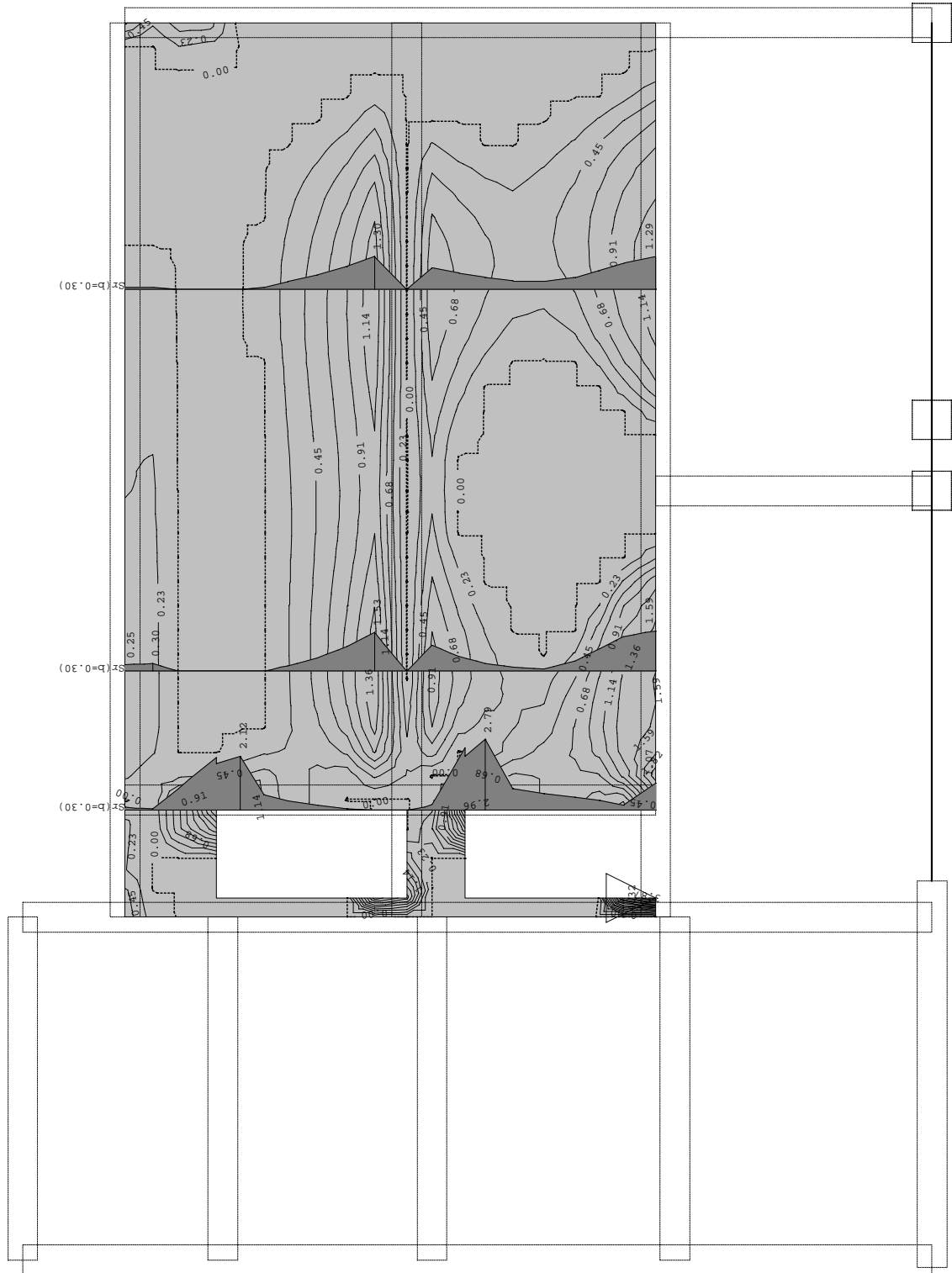
Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



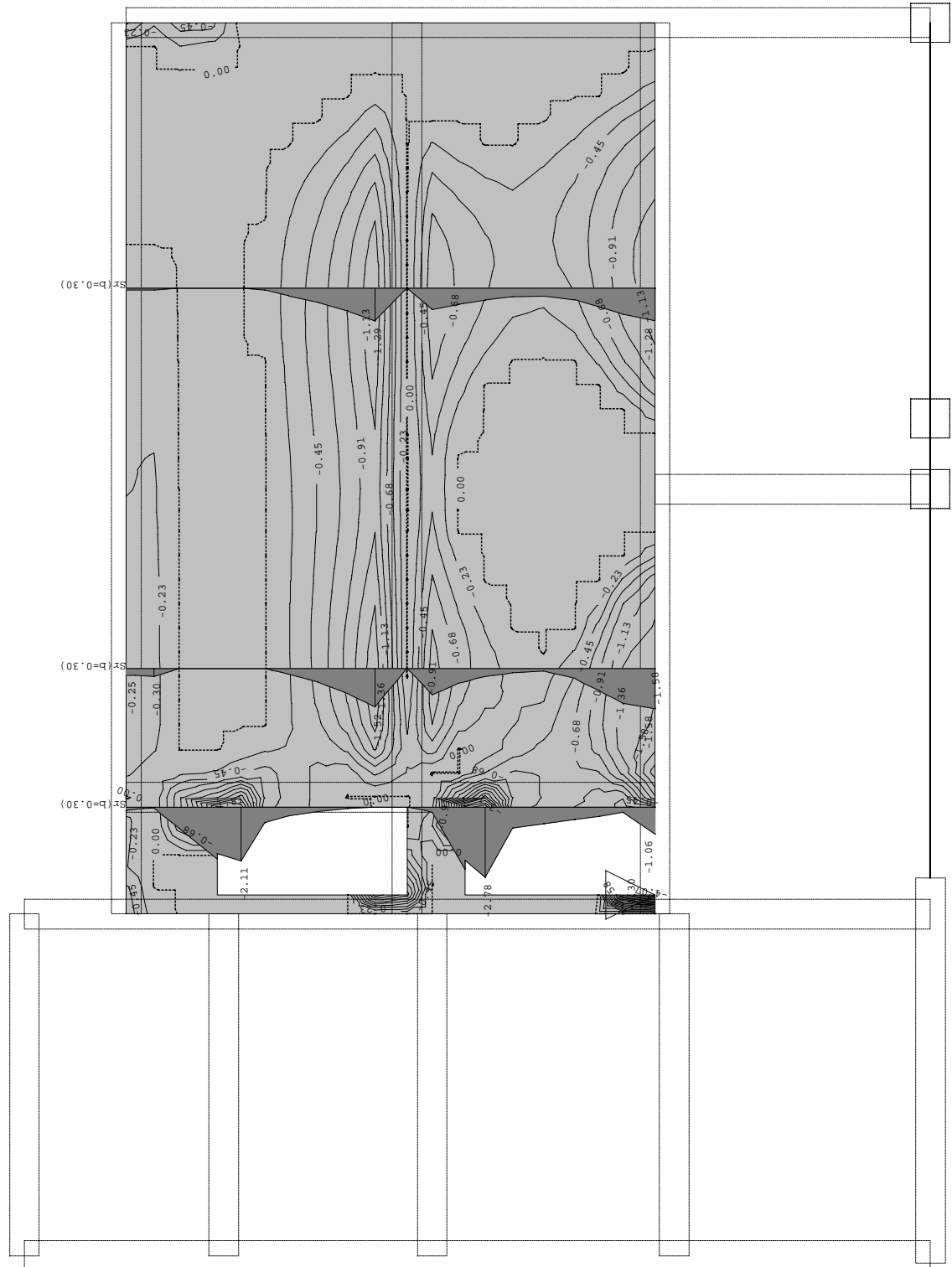
Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Okvir: V 8 - EUROCODE

C 25 (d,pl=15.0 cm)

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

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

X=19.35 m; Y=5.43 m; Z=5.88 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xIX+0.75xX

Mu = 0.65 kNm

Nu = 662.93 kN

 $\epsilon_b/\epsilon_a = 0.673/10.000 \text{ ‰}$ Az1 = 7.72 cm²/mAs1 = 7.76 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xIX+0.75xX

Mu = -0.13 kNm

Nu = 190.77 kN

 $\epsilon_b/\epsilon_a = 0.679/10.000 \text{ ‰}$ Az2 = 2.22 cm²/mAs2 = 2.23 cm²/mX=19.35 m; Y=4.56 m; Z=3.48 mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

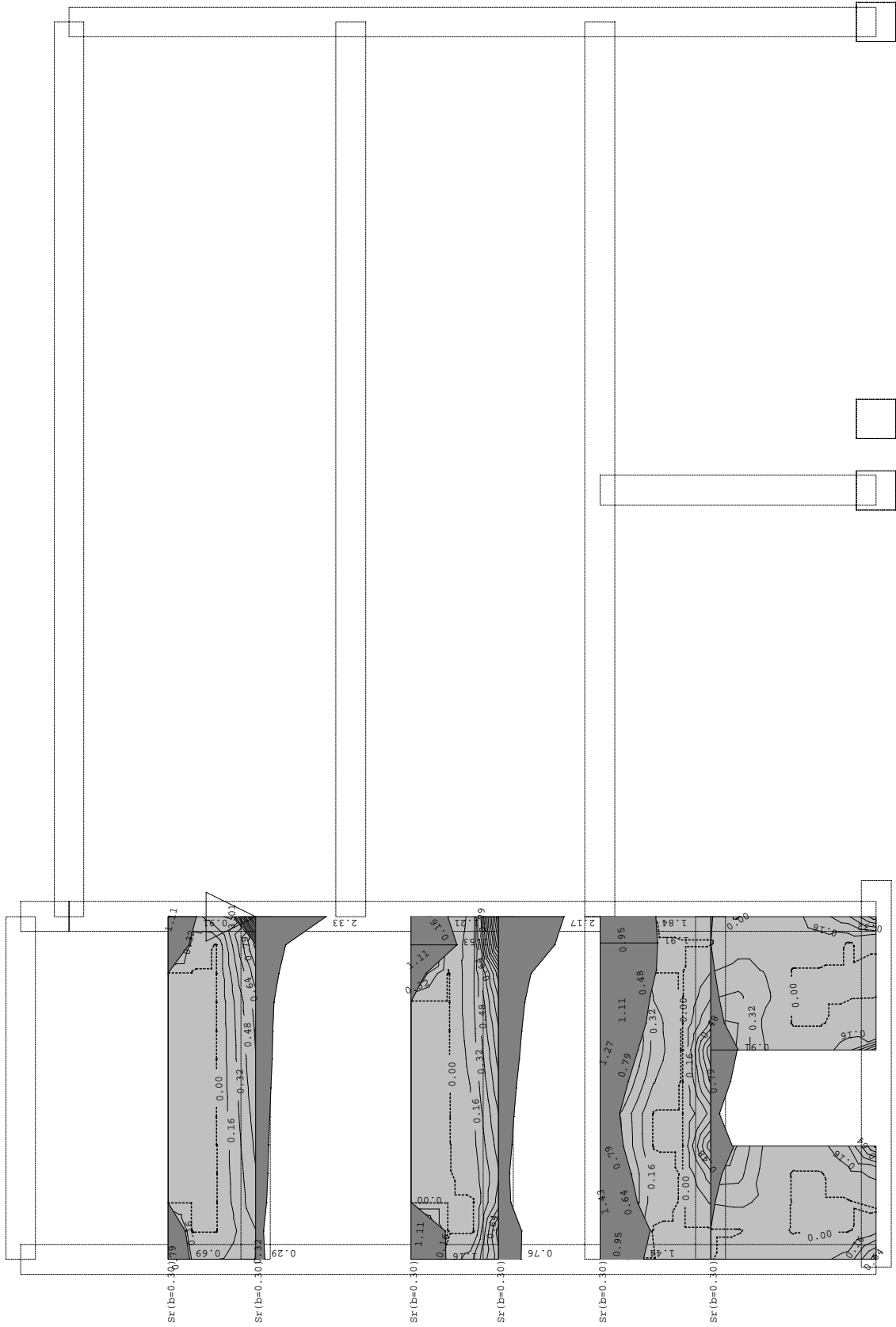
1.35xI+1.50xII+0.90xIX+0.75xX

Mu = -1.86 kNm

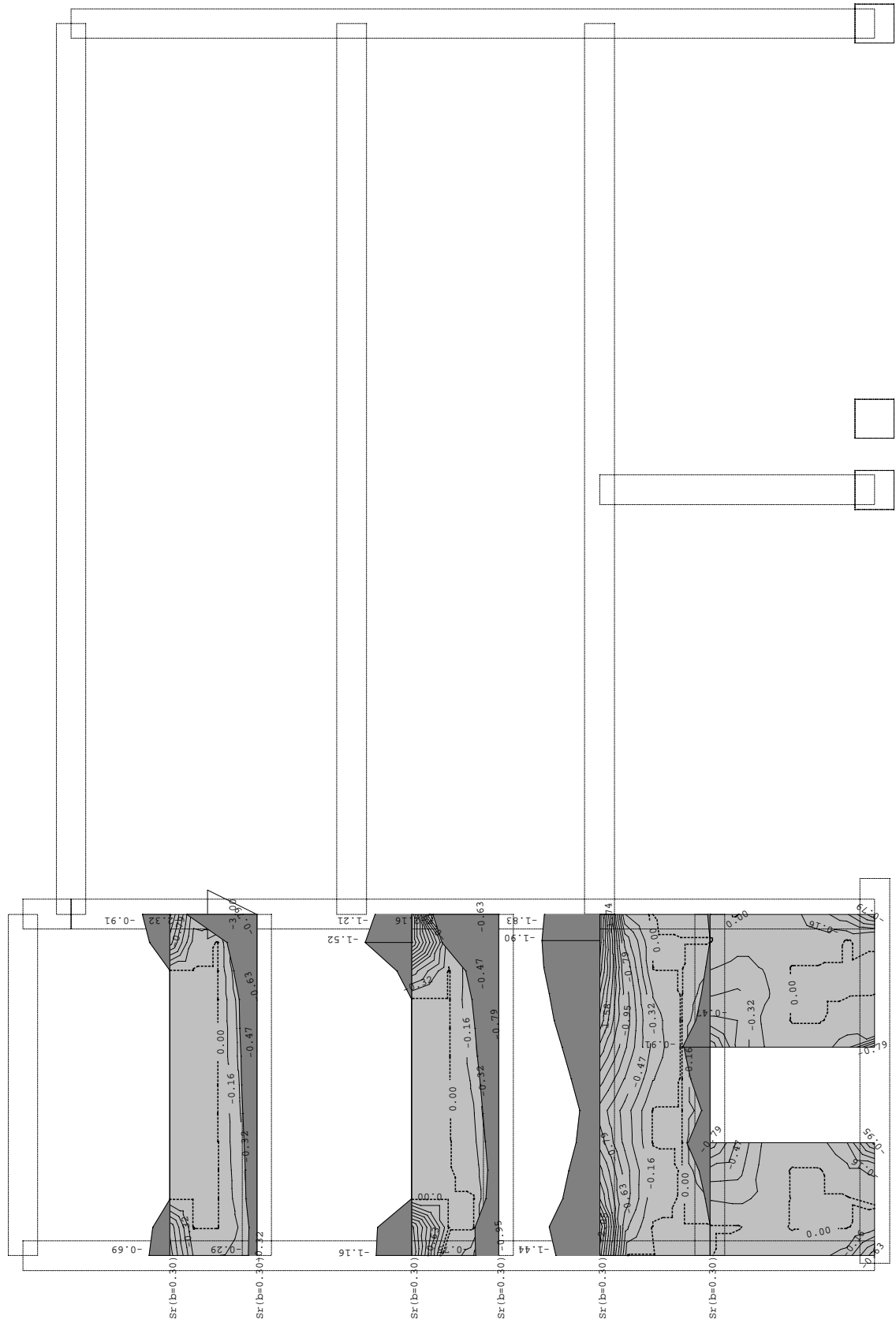
Nu = 339.82 kN

 $\epsilon_b/\epsilon_a = 0.275/10.000 \text{ ‰}$ Az2 = 4.30 cm²/mAs2 = 4.32 cm²/m

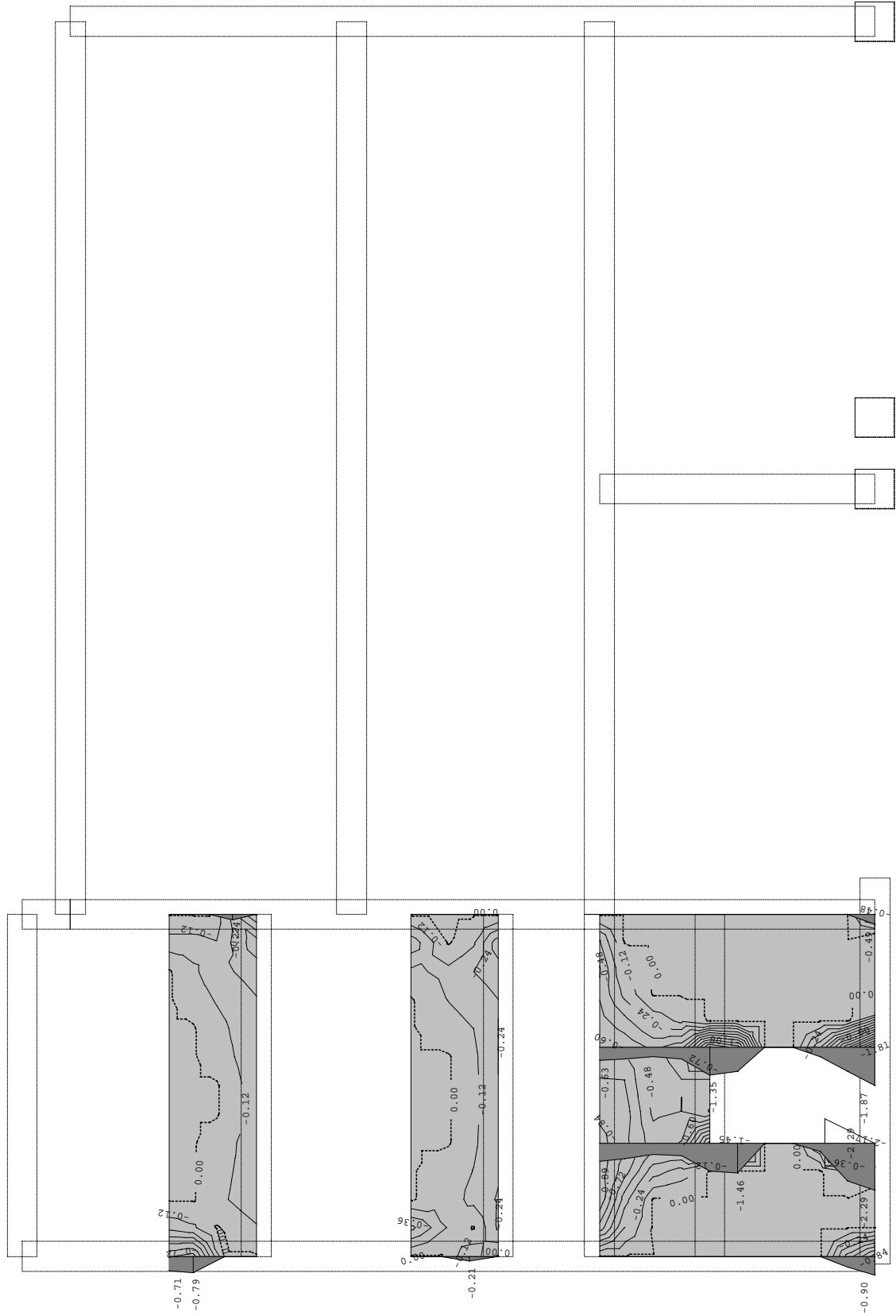
Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Okvir: V 9 - 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=23.20 m; Y=4.32 m; Z=7.81 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+1.00xXII

Mu = -5.85 kNm

Nu = 215.48 kN

 $\epsilon_b/\epsilon_a = 0.755/10.000 \text{ ‰}$ Az1 = 3.00 cm²/mAs1 = 3.01 cm²/mX=23.20 m; Y=-0.00 m; Z=8.61 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xIII+0.00xX+1.00xXII

Mu = -0.13 kNm

Nu = 11.40 kN

 $\epsilon_b/\epsilon_a = 1.177/10.000 \text{ ‰}$ Az1 = 0.14 cm²/mAs1 = 0.14 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+1.00xXII

Mu = -0.25 kNm

Nu = 66.51 kN

 $\epsilon_b/\epsilon_a = 1.428/10.000 \text{ ‰}$ Az2 = 0.79 cm²/mAs2 = 0.79 cm²/m

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=23.20 m; Y=4.32 m; Z=4.76 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+1.00xXI

Mu = -5.79 kNm

Nu = 197.39 kN

 $\epsilon_b/\epsilon_a = 0.703/10.000 \text{ ‰}$ Az1 = 2.78 cm²/mAs1 = 2.80 cm²/mX=23.20 m; Y=3.96 m; Z=4.76 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+1.00xXI

Mu = -0.15 kNm

Nu = 204.90 kN

 $\epsilon_b/\epsilon_a = 1.534/10.000 \text{ ‰}$ Az1 = 2.37 cm²/mAs1 = 2.38 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+1.00xXI

Mu = -0.38 kNm

Nu = 35.78 kN

 $\epsilon_b/\epsilon_a = 1.205/10.000 \text{ ‰}$ Az2 = 0.45 cm²/mAs2 = 0.45 cm²/m

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=23.20 m; Y=4.32 m; Z=3.48 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.00xIX+0.00xX+1.00xXI

Mu = 1.05 kNm

Nu = 196.95 kN

 $\epsilon_b/\epsilon_a = 1.398/10.000 \text{ ‰}$ Az1 = 2.35 cm²/mAs1 = 2.36 cm²/mX=23.20 m; Y=1.43 m; Z=0.00 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.00xIX+0.00xX+1.00xXI

Mu = -0.15 kNm

Nu = 86.20 kN

 $\epsilon_b/\epsilon_a = 1.499/10.000 \text{ ‰}$ Az1 = 1.00 cm²/mAs1 = 1.01 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

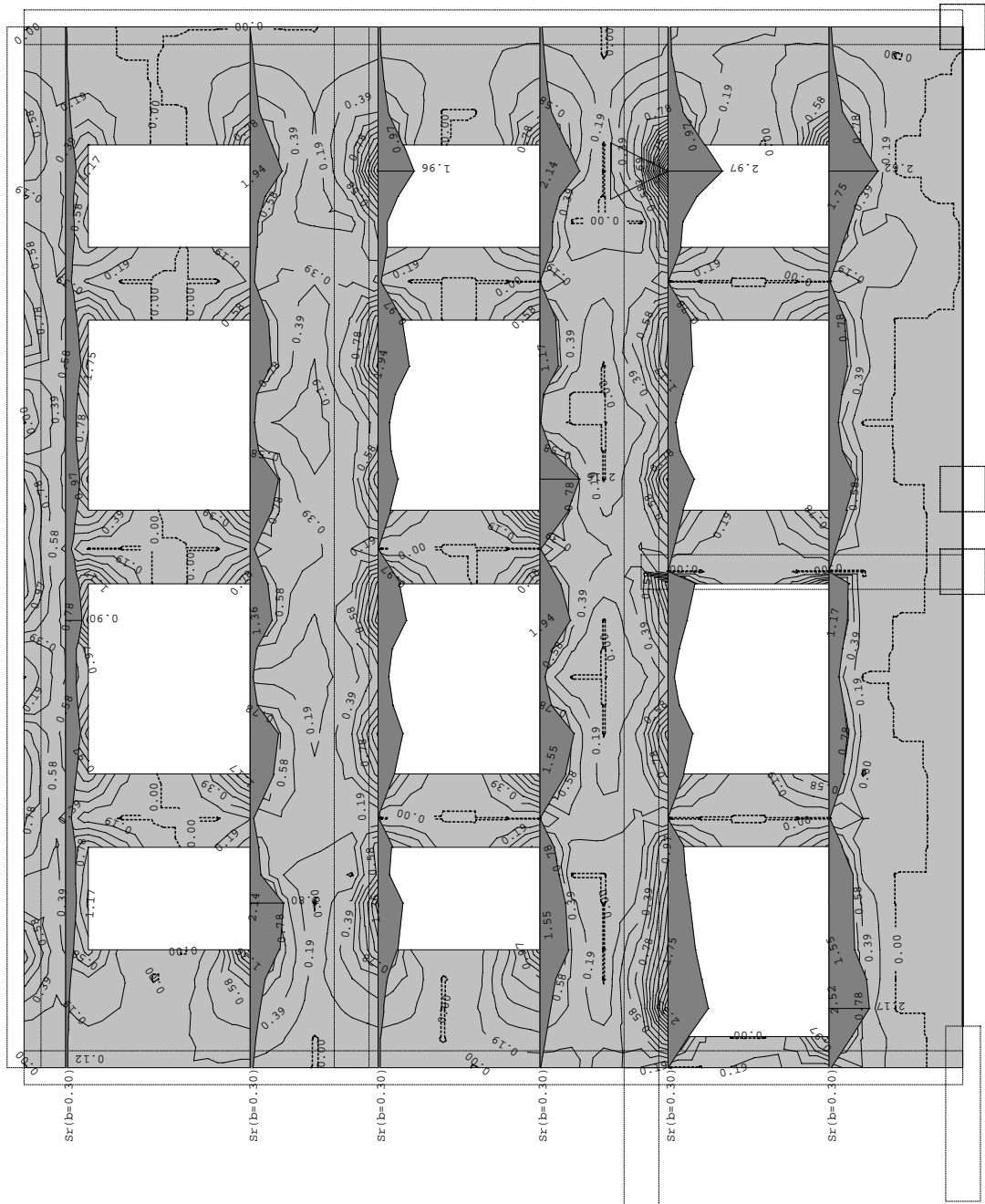
1.00xI+0.00xIX+0.00xX+1.00xXI

Mu = -0.55 kNm

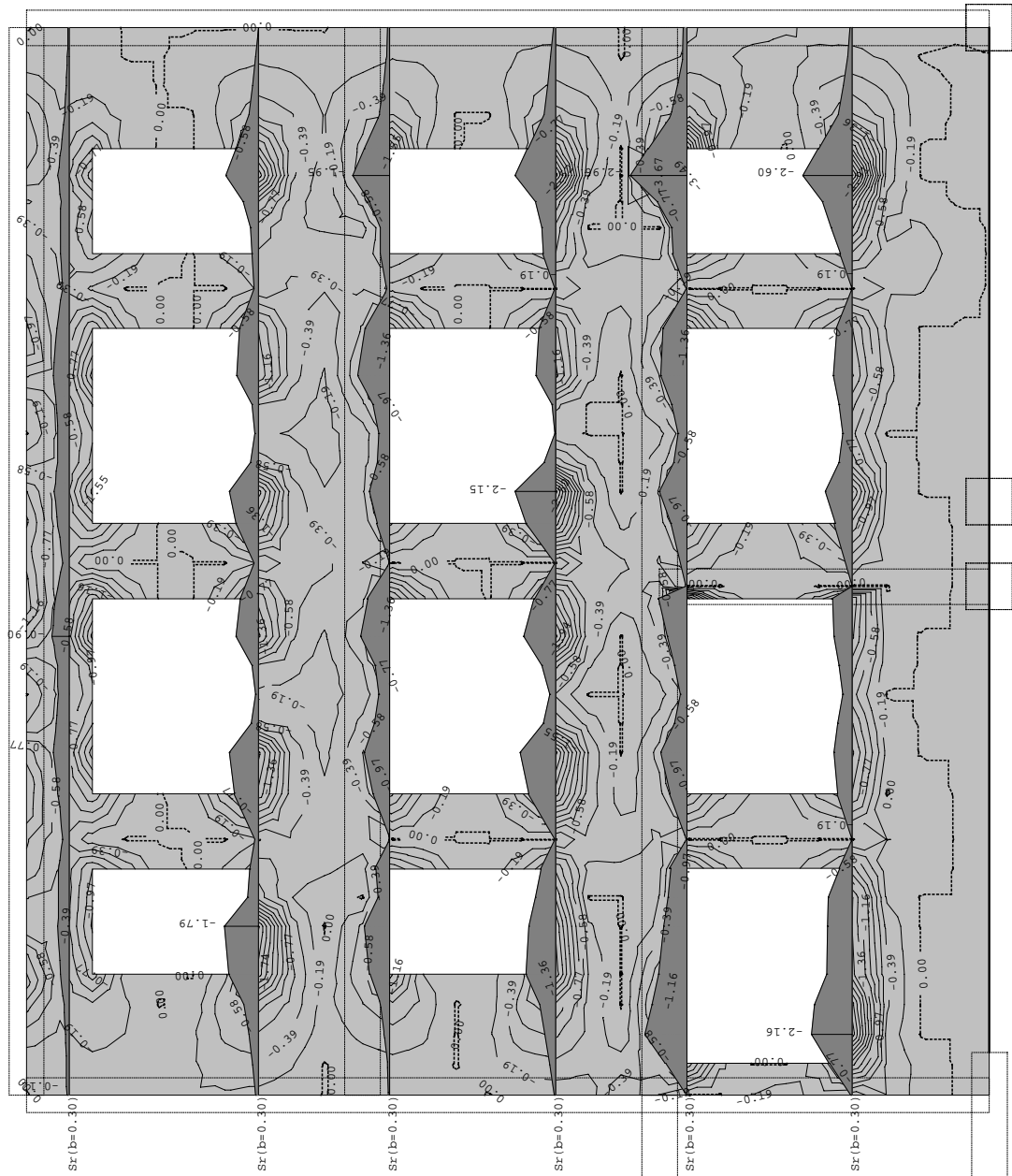
Nu = 194.87 kN

 $\epsilon_b/\epsilon_a = 1.461/10.000 \text{ ‰}$ Az2 = 2.29 cm²/mAs2 = 2.30 cm²/m

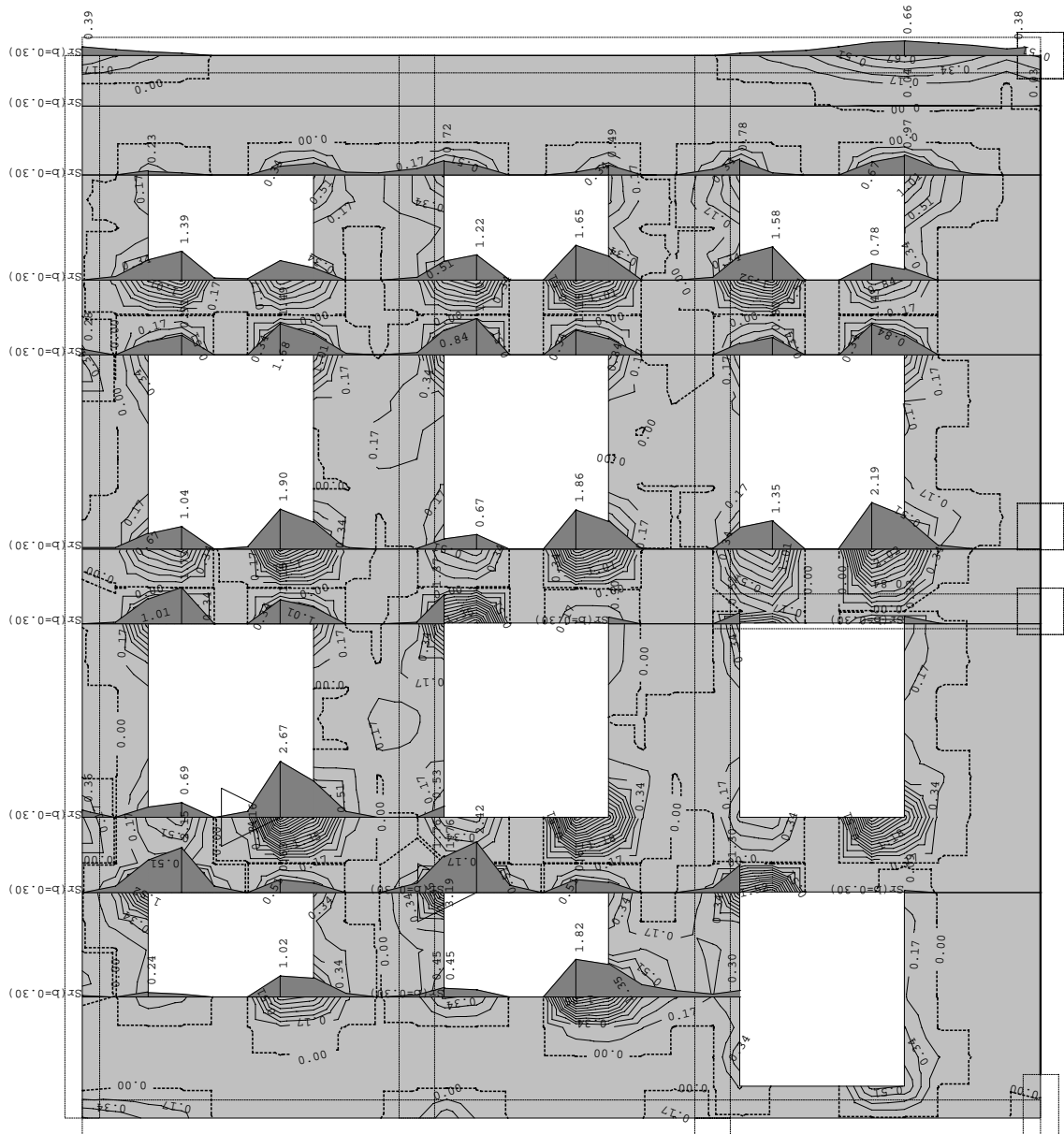
Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm

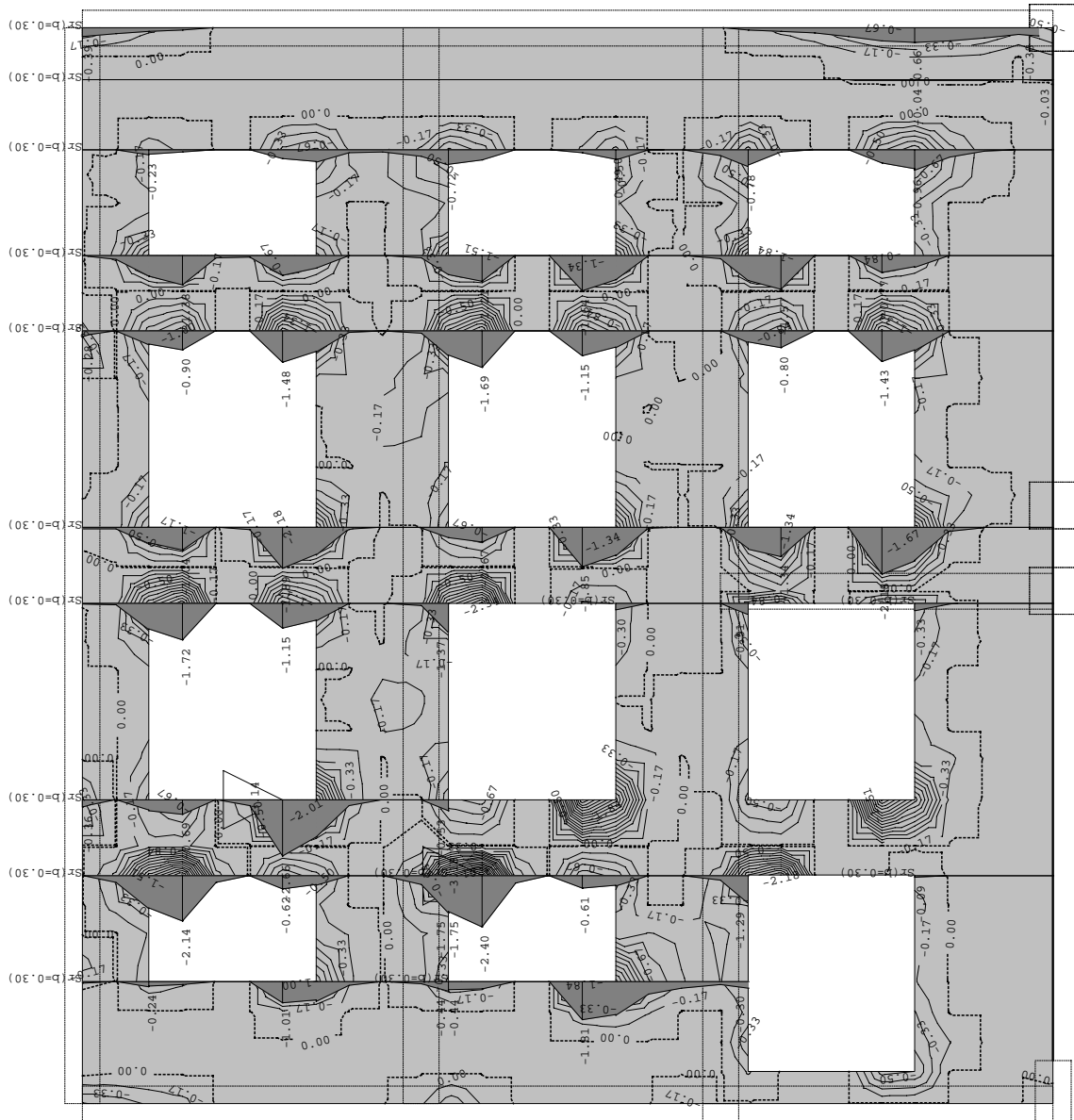


Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm





Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm

Okvir: V 10 - EUROCODEC 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=25.05 m; Y=14.03 m; Z=3.20 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+1.00xXII

Mu = 0.19 kNm

Nu = 319.30 kN

 $\epsilon_b/\epsilon_a = 1.562/10.000$ ‰Az1 = 3.67 cm²/mAs1 = 3.69 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.00xI+0.60xIII+0.00xX+1.00xXII

Mu = 0.06 kNm

Nu = 56.86 kN

 $\epsilon_b/\epsilon_a = 1.548/10.000$ ‰Az2 = 0.66 cm²/mAs2 = 0.66 cm²/mX=25.05 m; Y=6.71 m; Z=5.98 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+1.00xXI

Mu = -0.01 kNm

Nu = 50.87 kN

 $\epsilon_b/\epsilon_a = 1.551/10.000$ ‰Az1 = 0.59 cm²/mAs1 = 0.59 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

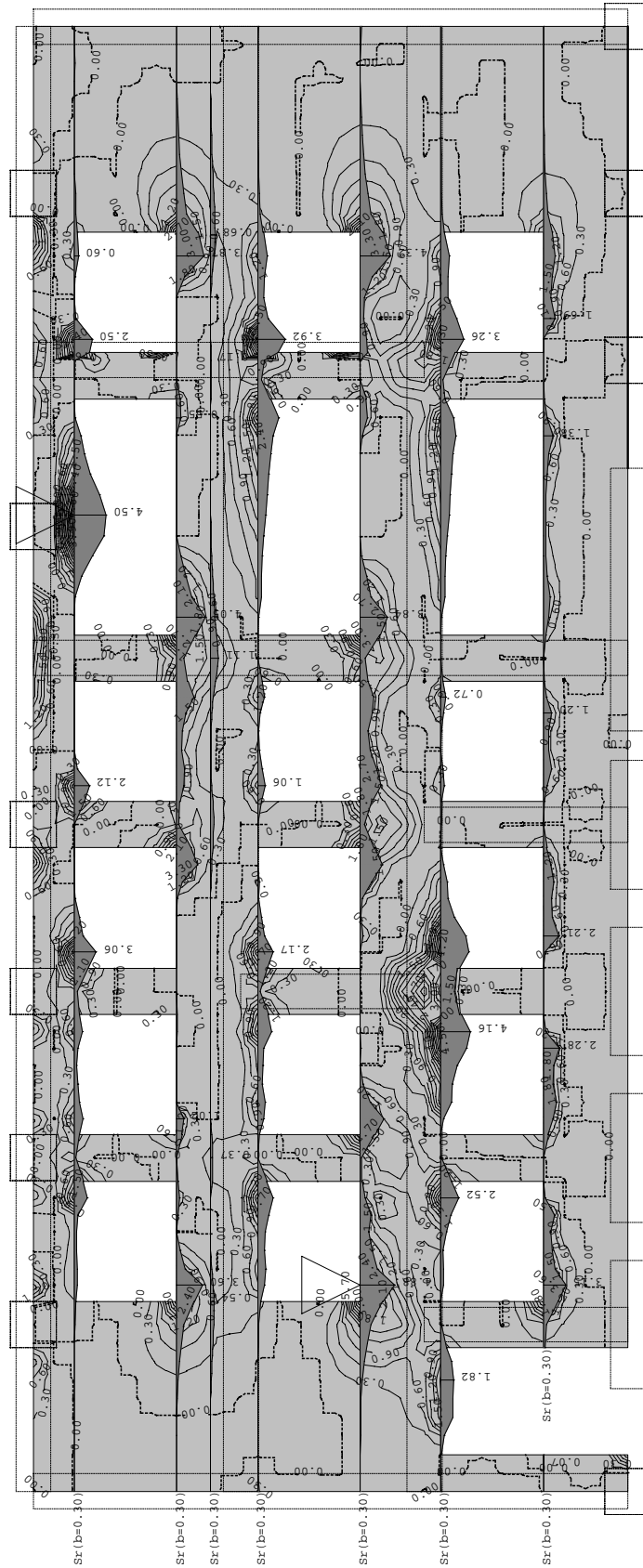
1.00xI+0.60xII+1.00xXI

Mu = -0.23 kNm

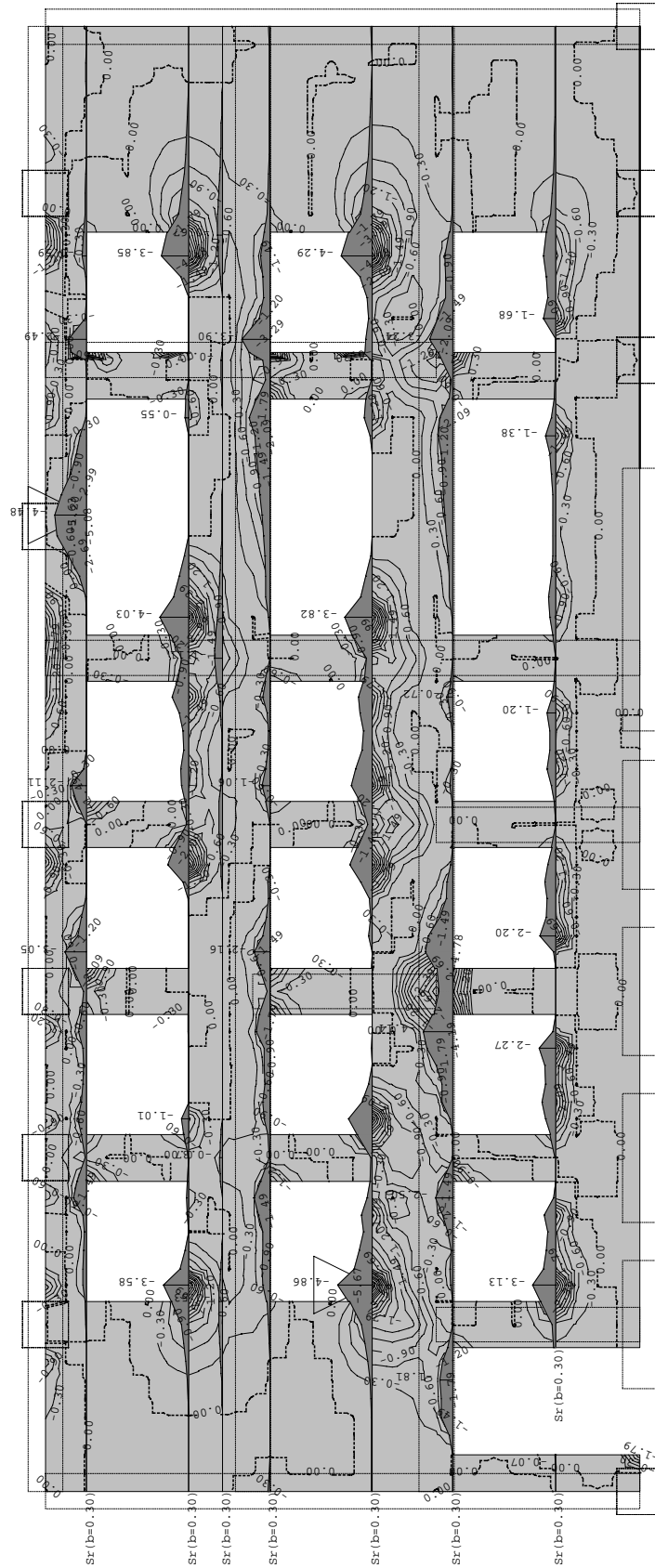
Nu = 274.53 kN

 $\epsilon_b/\epsilon_a = 1.531/10.000$ ‰Az2 = 3.18 cm²/mAs2 = 3.19 cm²/m

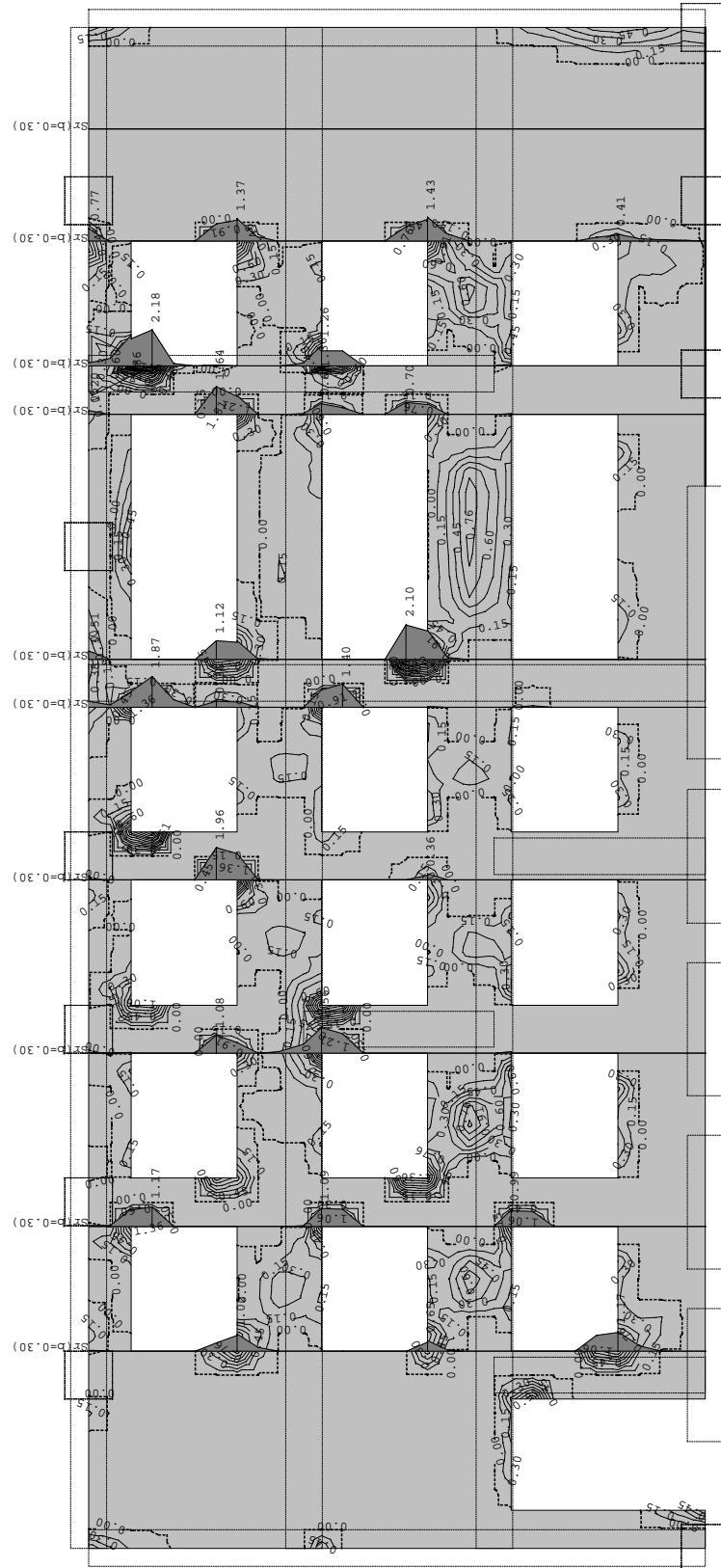
Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



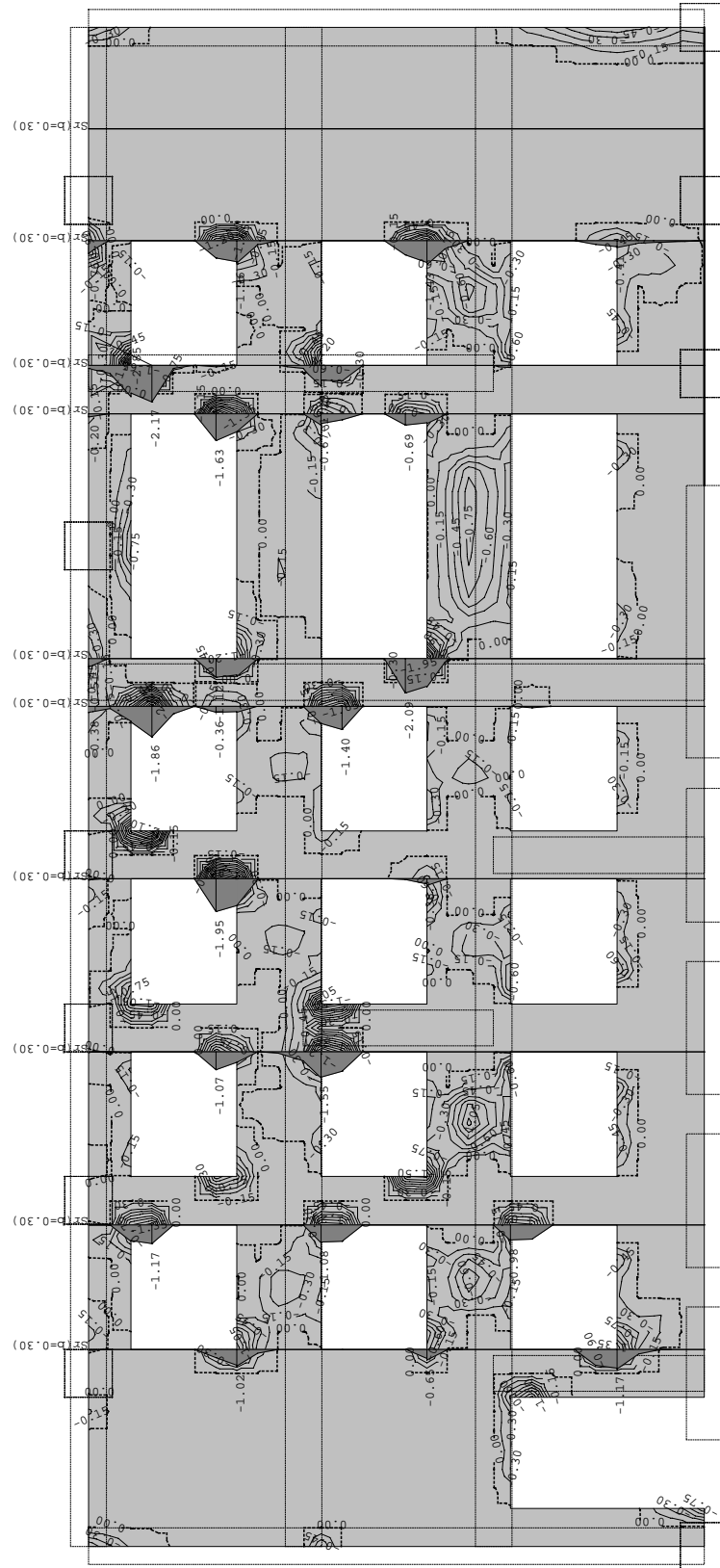
Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Okvir: H 5 - EUROCODEC 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=3.52 m; Y=15.59 m; Z=4.58 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+1.00xXI

Mu = 1.40 kNm

Nu = 484.84 kN

 $\epsilon_b/\epsilon_a = 1.481/10.000$ ‰Az1 = 5.67 cm²/mAs1 = 5.70 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+1.00xXI

Mu = -0.01 kNm

Nu = 76.32 kN

 $\epsilon_b/\epsilon_a = 1.556/10.000$ ‰Az2 = 0.88 cm²/mAs2 = 0.88 cm²/mX=19.48 m; Y=15.59 m; Z=9.11 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.00xIX+0.00xX+1.00xXI

Mu = 0.02 kNm

Nu = 46.67 kN

 $\epsilon_b/\epsilon_a = 1.570/10.000$ ‰Az1 = 0.54 cm²/mAs1 = 0.54 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

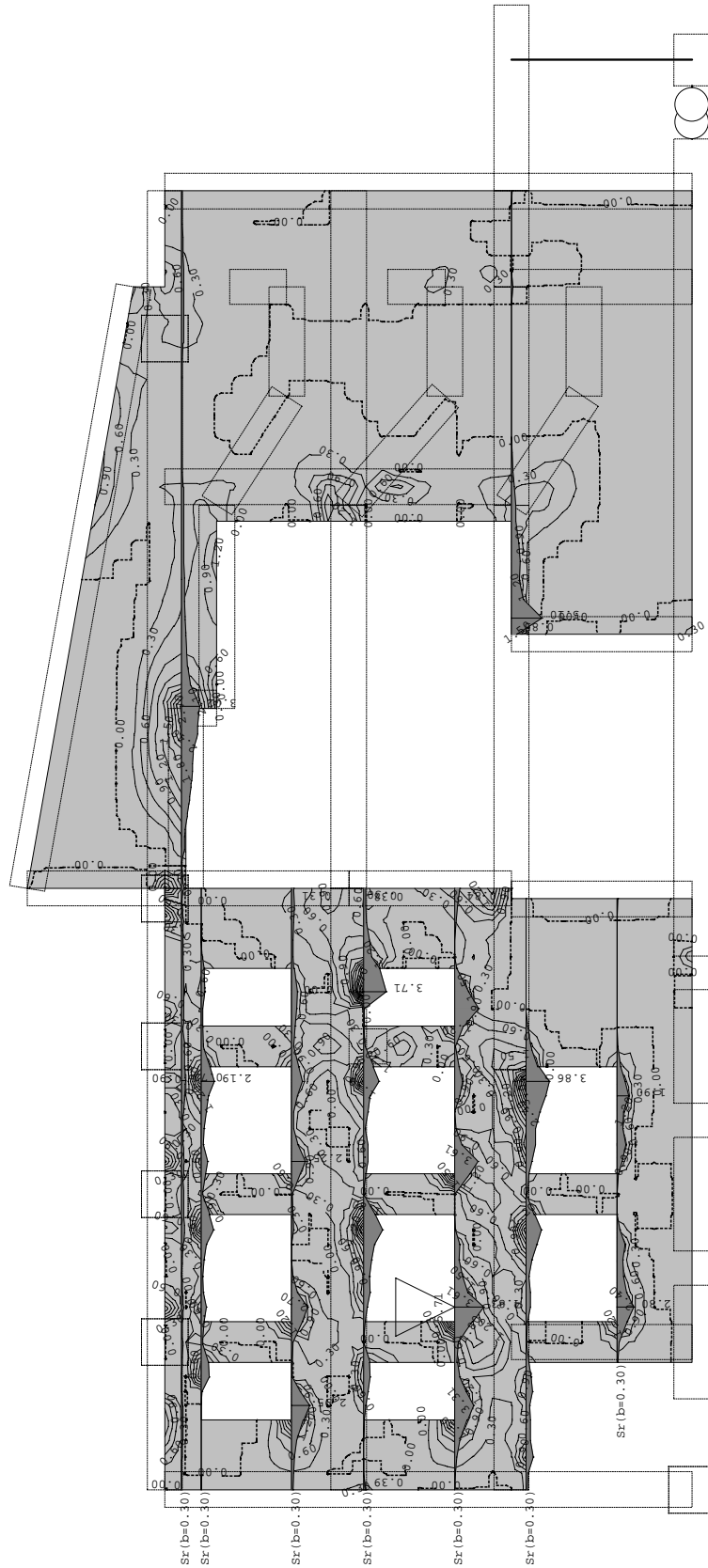
1.00xI+0.60xII+1.00xXI

Mu = 0.07 kNm

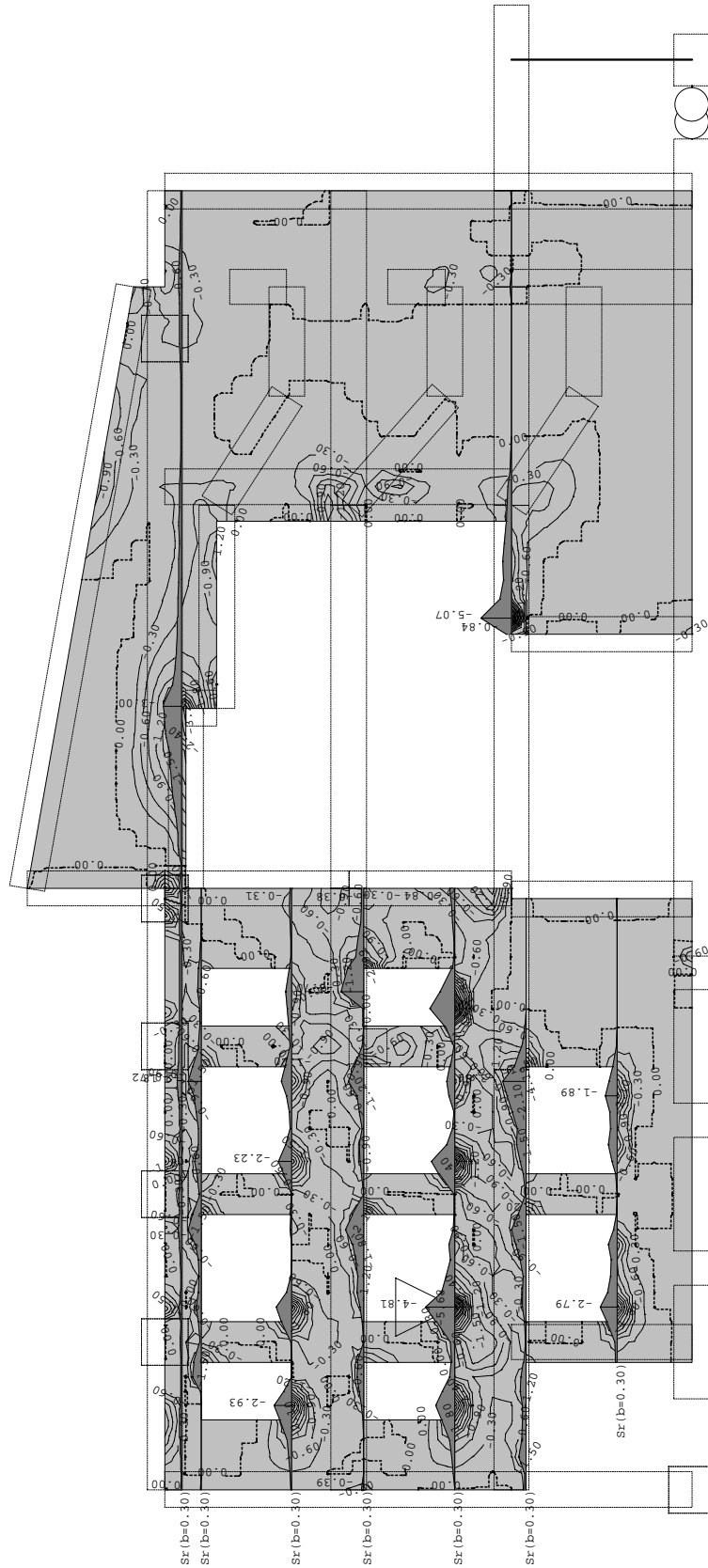
Nu = 248.25 kN

 $\epsilon_b/\epsilon_a = 1.571/10.000$ ‰Az2 = 2.85 cm²/mAs2 = 2.86 cm²/m

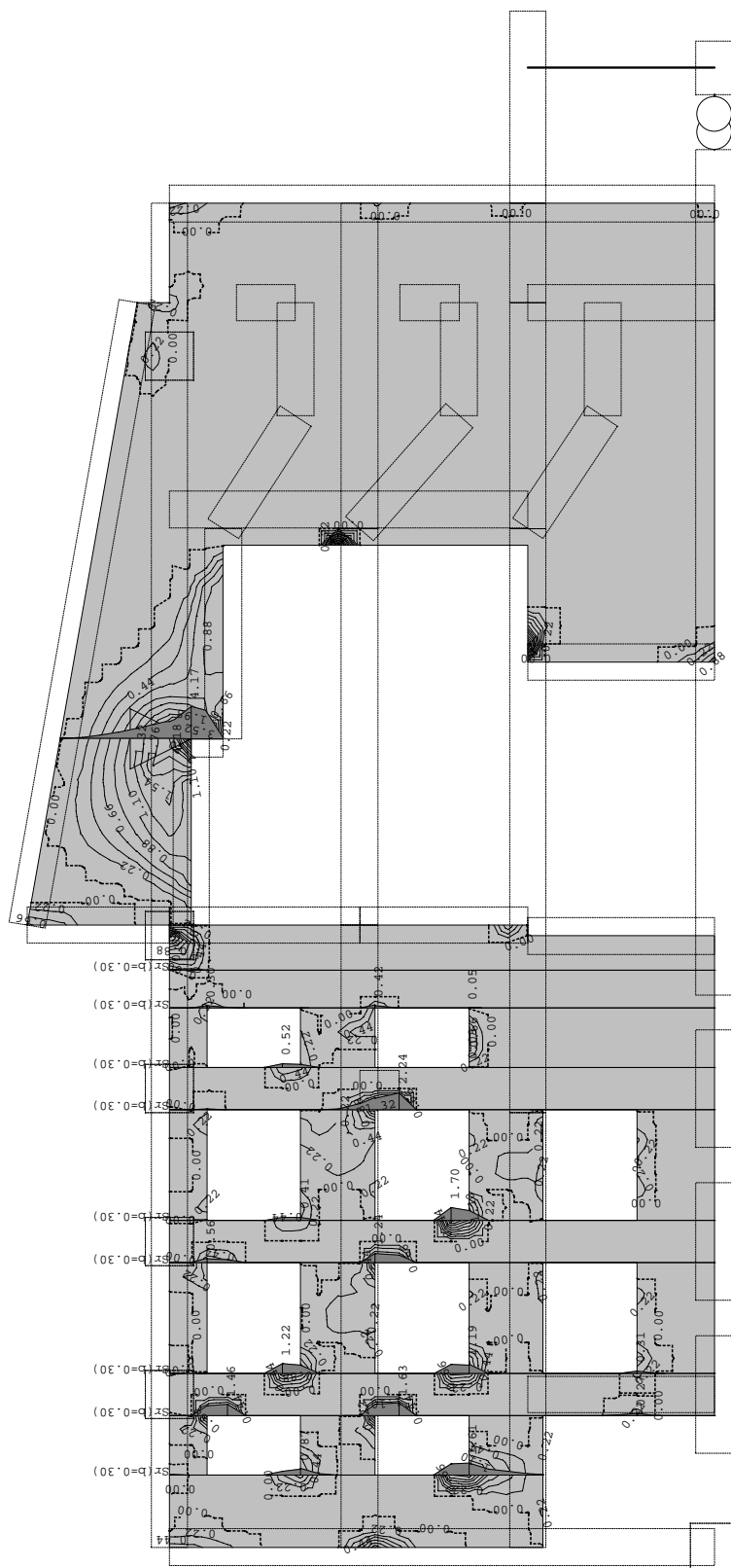
Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



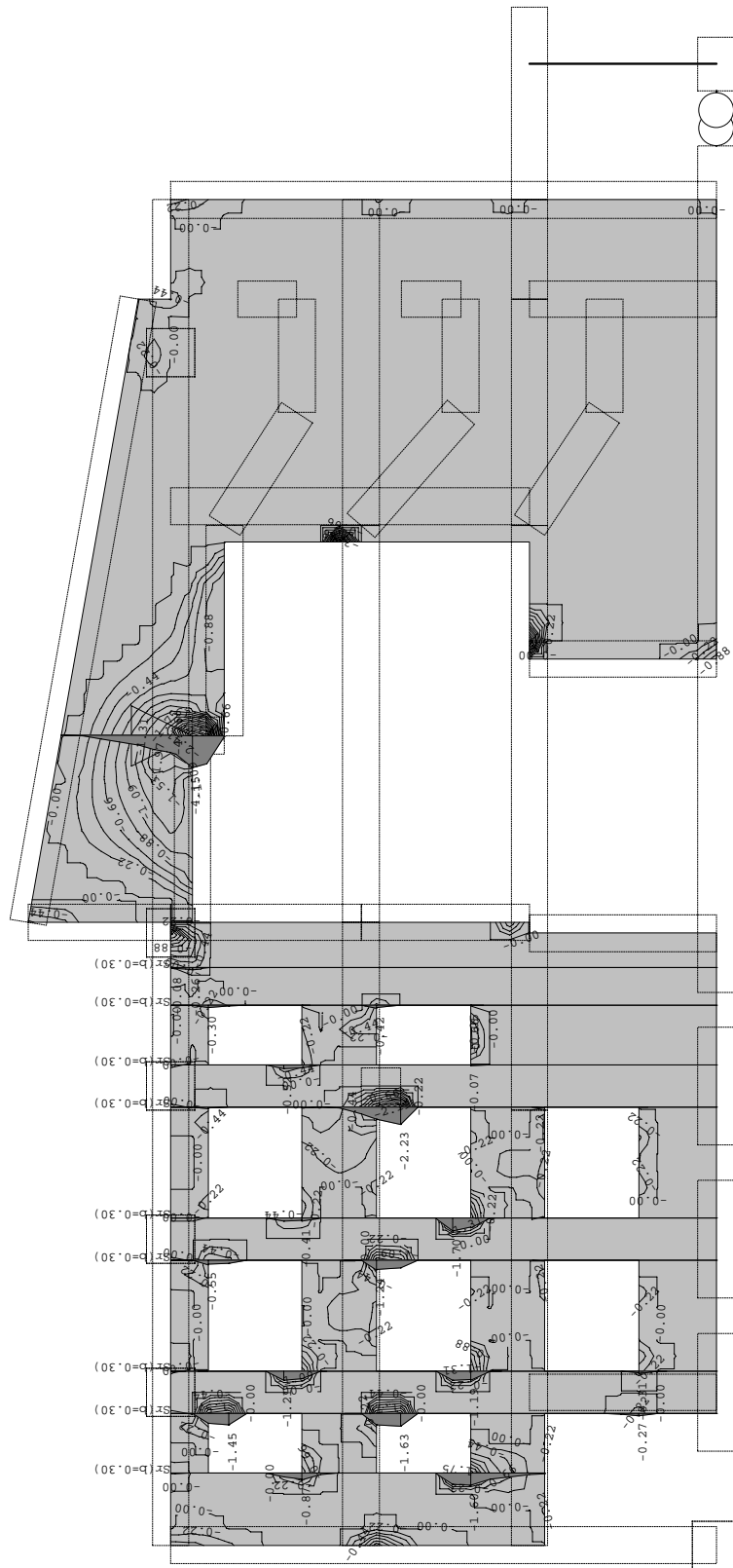
Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Okvir: H 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=16.81 m; Y=4.32 m; Z=3.48 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xIII+0.90xVI+0.75xX

Mu = 2.14 kNm

Nu = 426.68 kN

 $\epsilon_b/\epsilon_a = 1.408/10.000 \text{ ‰}$ Az1 = 5.07 cm²/mAs1 = 5.10 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVI+0.75xX

Mu = 22.11 kNm

Nu = 87.59 kN

 $\epsilon_b/\epsilon_a = -0.543/10.000 \text{ ‰}$ Az2 = 2.88 cm²/mAs2 = 2.90 cm²/mX=15.08 m; Y=4.32 m; Z=9.76 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVI+0.75xX

Mu = -4.95 kNm

Nu = 270.87 kN

 $\epsilon_b/\epsilon_a = 0.987/10.000 \text{ ‰}$ Az1 = 3.55 cm²/mAs1 = 3.57 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVI+0.75xX

Mu = -21.14 kNm

Nu = 201.37 kN

 $\epsilon_b/\epsilon_a = -0.297/10.000 \text{ ‰}$ Az2 = 4.16 cm²/mAs2 = 4.18 cm²/m

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=3.52 m; Y=4.32 m; Z=4.58 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+1.00xXI

Mu = -0.14 kNm

Nu = 493.02 kN

 $\epsilon_b/\epsilon_a = 1.551/10.000 \text{ ‰}$ Az1 = 5.68 cm²/mAs1 = 5.71 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+1.00xXI

Mu = -0.20 kNm

Nu = 88.98 kN

 $\epsilon_b/\epsilon_a = 1.483/10.000 \text{ ‰}$ Az2 = 1.04 cm²/mAs2 = 1.05 cm²/mX=8.16 m; Y=4.32 m; Z=5.88 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+1.00xXI

Mu = 2.00 kNm

Nu = 67.62 kN

 $\epsilon_b/\epsilon_a = 0.710/10.000 \text{ ‰}$ Az1 = 0.95 cm²/mAs1 = 0.95 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

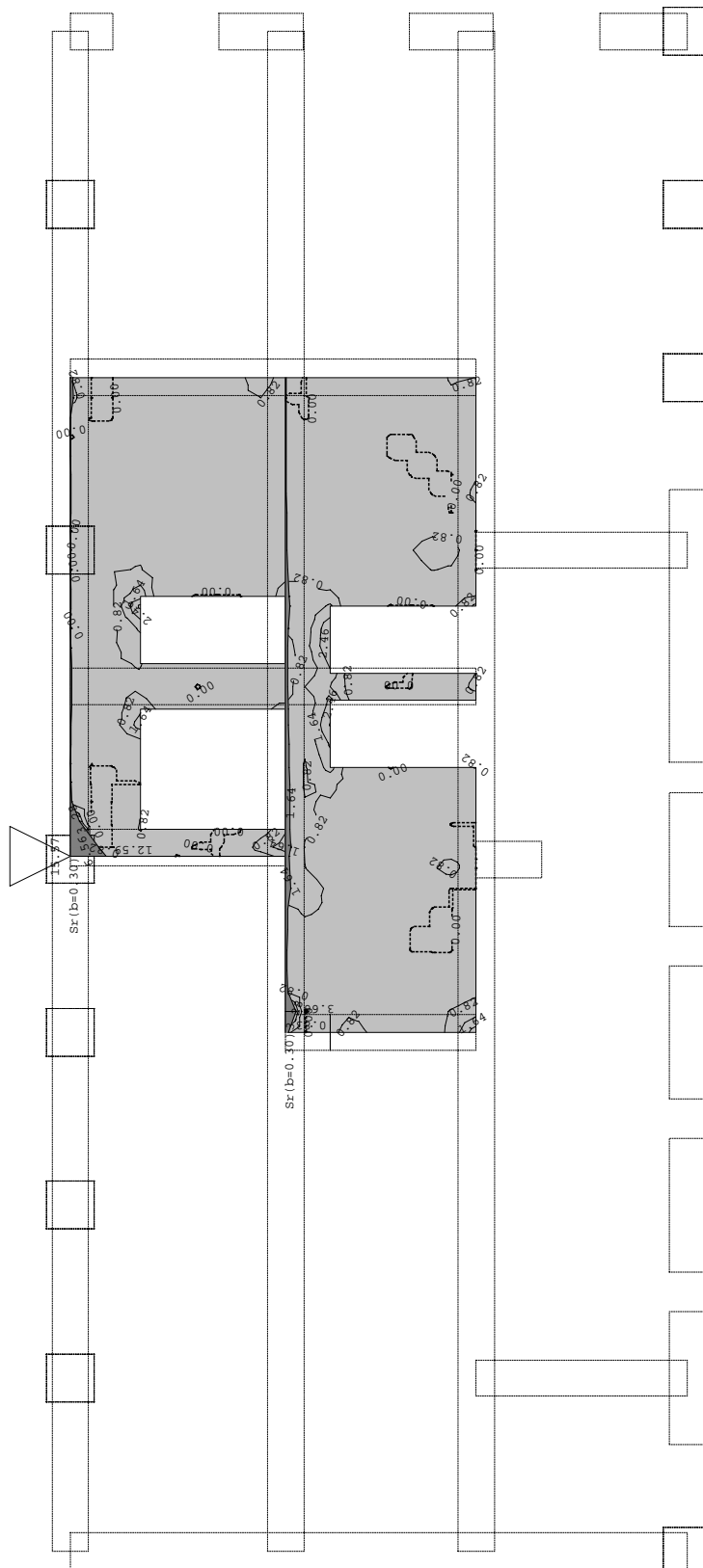
1.00xI+0.60xII+1.00xXI

Mu = -23.03 kNm

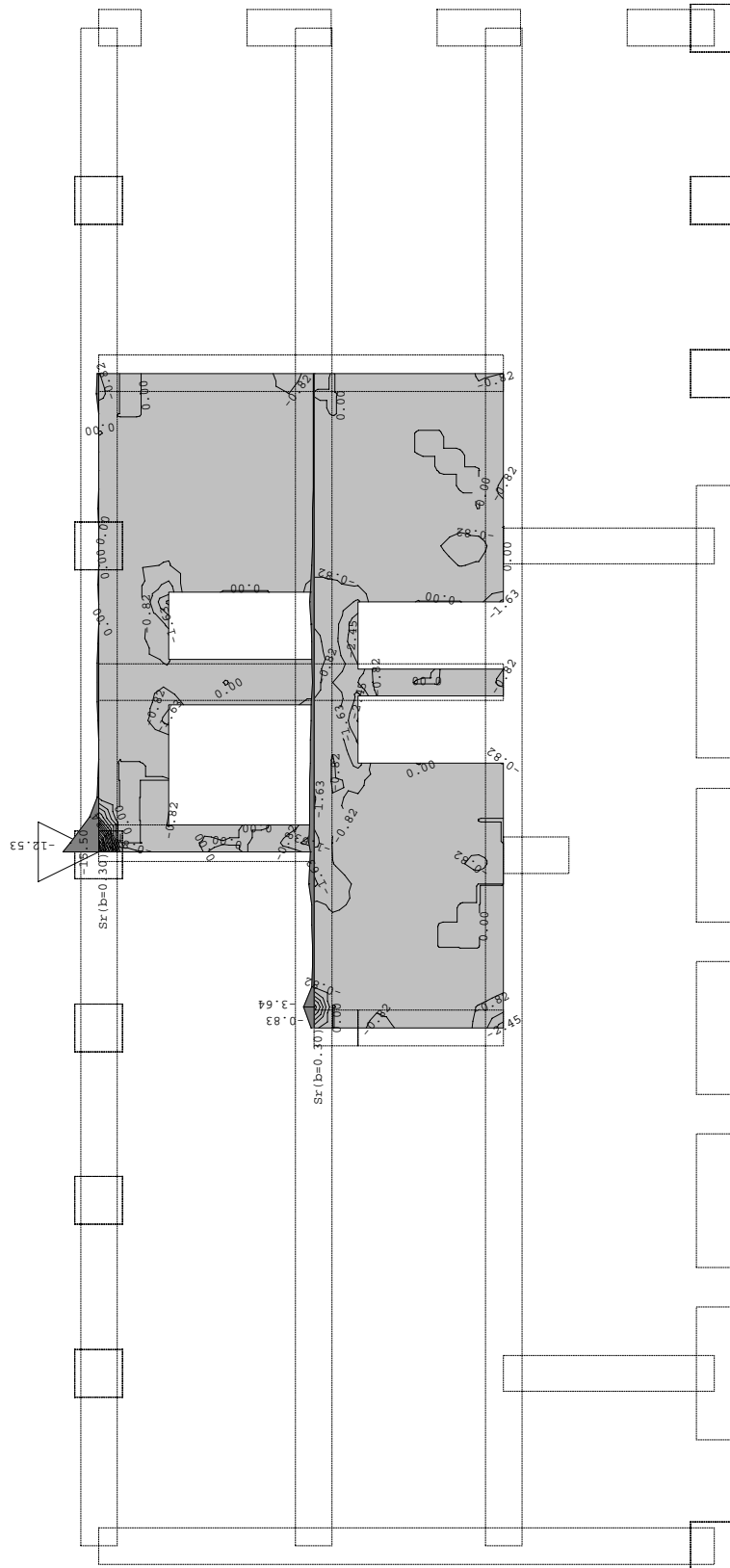
Nu = 68.59 kN

 $\epsilon_b/\epsilon_a = -0.596/10.000 \text{ ‰}$ Az2 = 2.75 cm²/mAs2 = 2.76 cm²/m

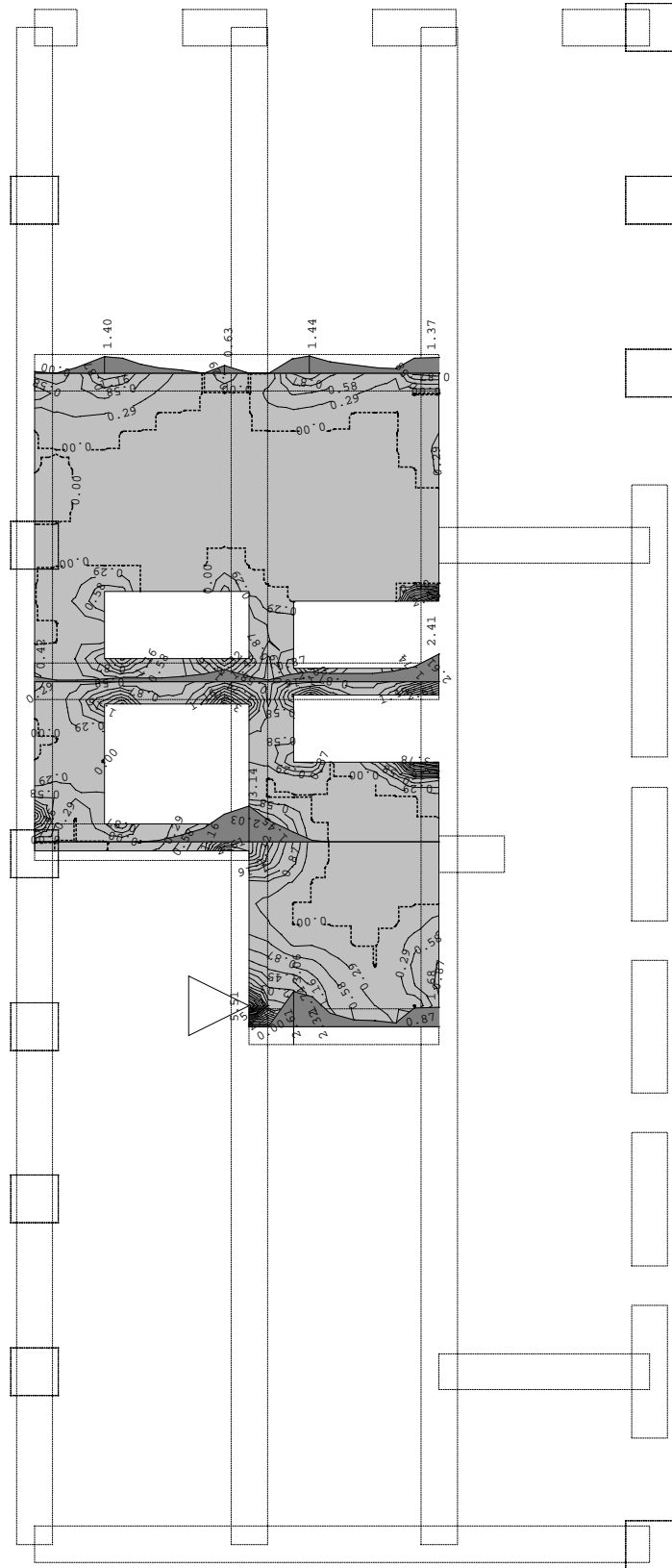
Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



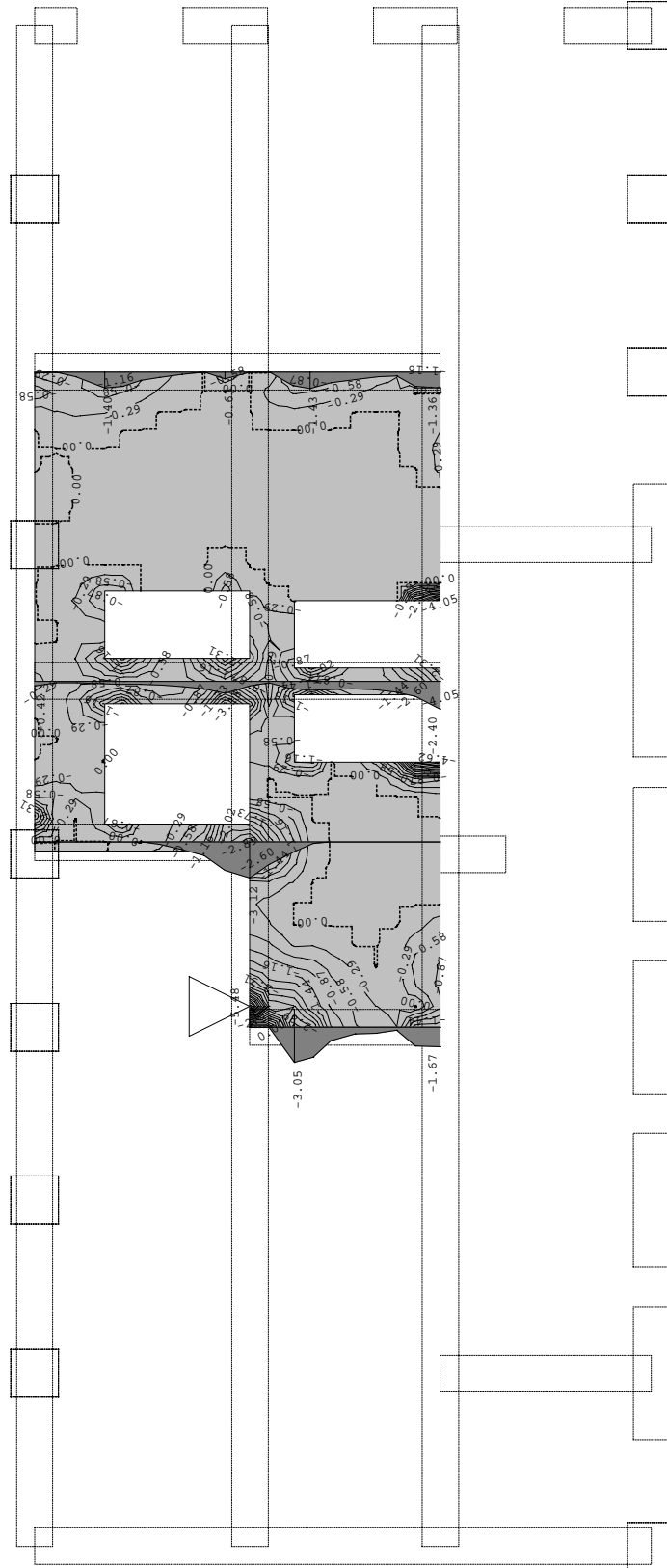
Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Okvir: H 3 - EUROCODE

C 25 (d,pl=15.0 cm)

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

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

X=11.45 m; Y=5.79 m; Z=10.16 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.05xII+0.90xIX+1.50xX

Mu = -10.33 kNm

Nu = 1159.56 kN

 $\epsilon_b/\epsilon_a = 0.026/10.000 \text{ ‰}$ Az1 = 15.50 cm²/mAs1 = 15.57 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.05xIII+0.90xIX+1.50xX

Mu = -15.30 kNm

Nu = -1866.03 kN

 $\epsilon_b/\epsilon_a = -3.240/-0.732 \text{ ‰}$ Az2 = 0.30 cm²/mAs2 = 0.31 cm²/mX=8.89 m; Y=5.79 m; Z=6.62 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xIII+0.90xVIII+0.75xX

Mu = 0.71 kNm

Nu = 403.40 kN

 $\epsilon_b/\epsilon_a = 0.604/10.000 \text{ ‰}$ Az1 = 4.76 cm²/mAs1 = 4.79 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

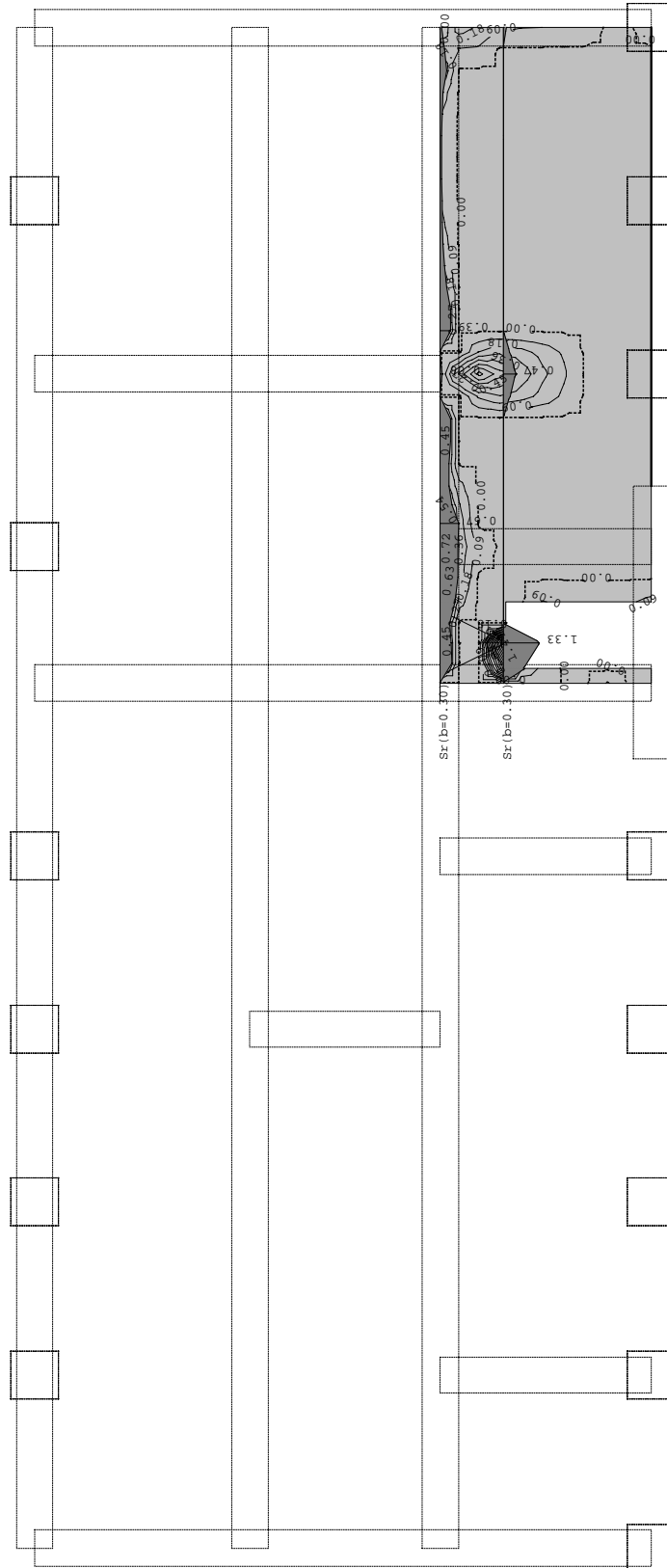
1.35xI+1.50xIII+0.90xVI+0.75xX

Mu = 5.82 kNm

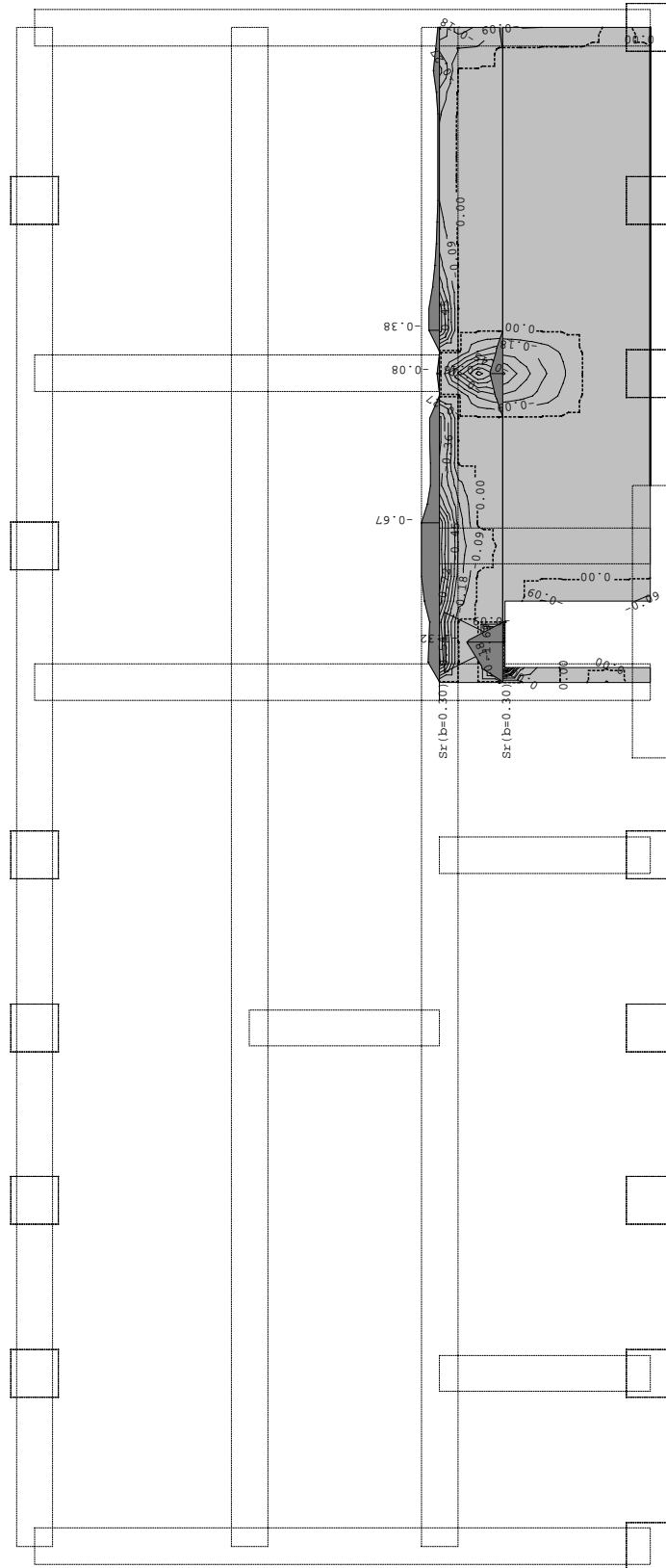
Nu = 375.69 kN

 $\epsilon_b/\epsilon_a = -0.280/10.000 \text{ ‰}$ Az2 = 5.48 cm²/mAs2 = 5.51 cm²/m

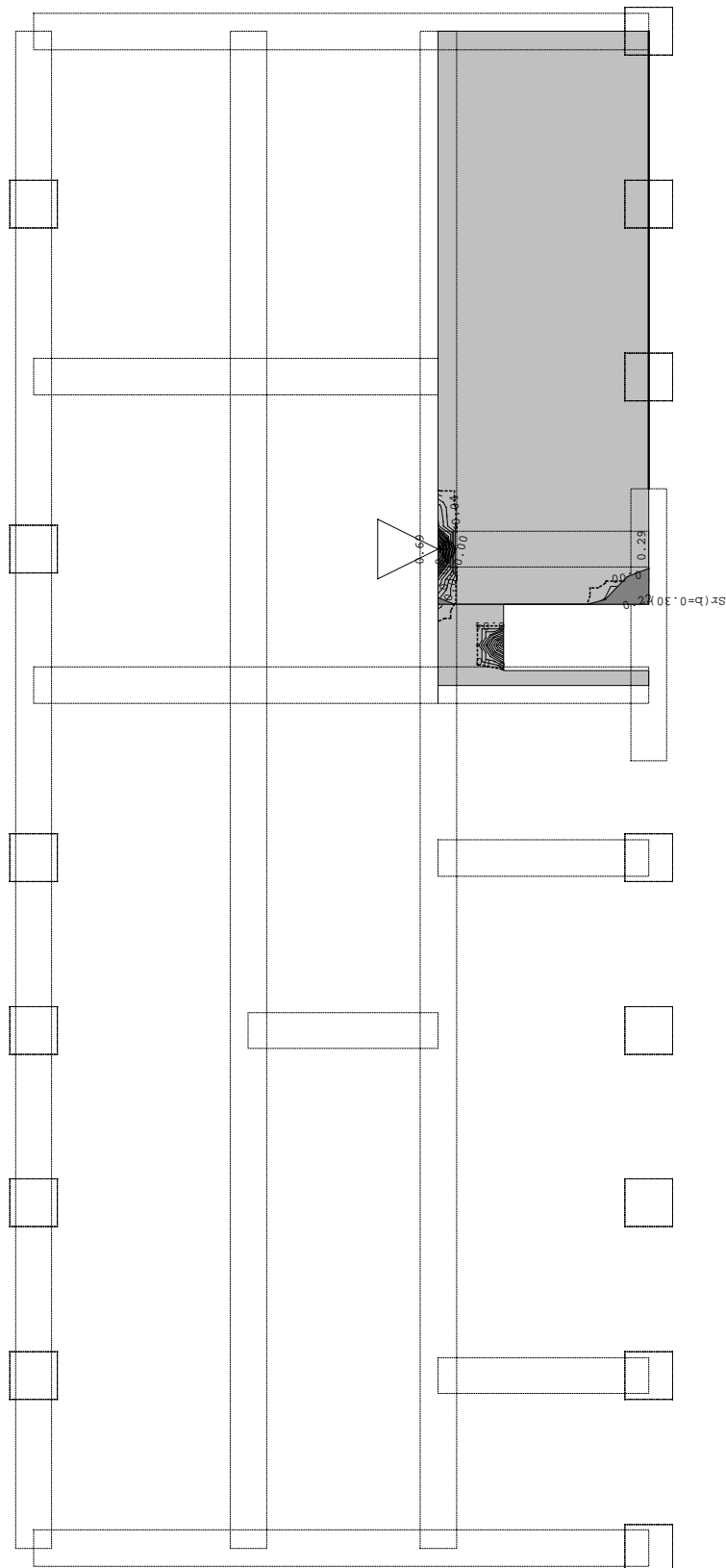
Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



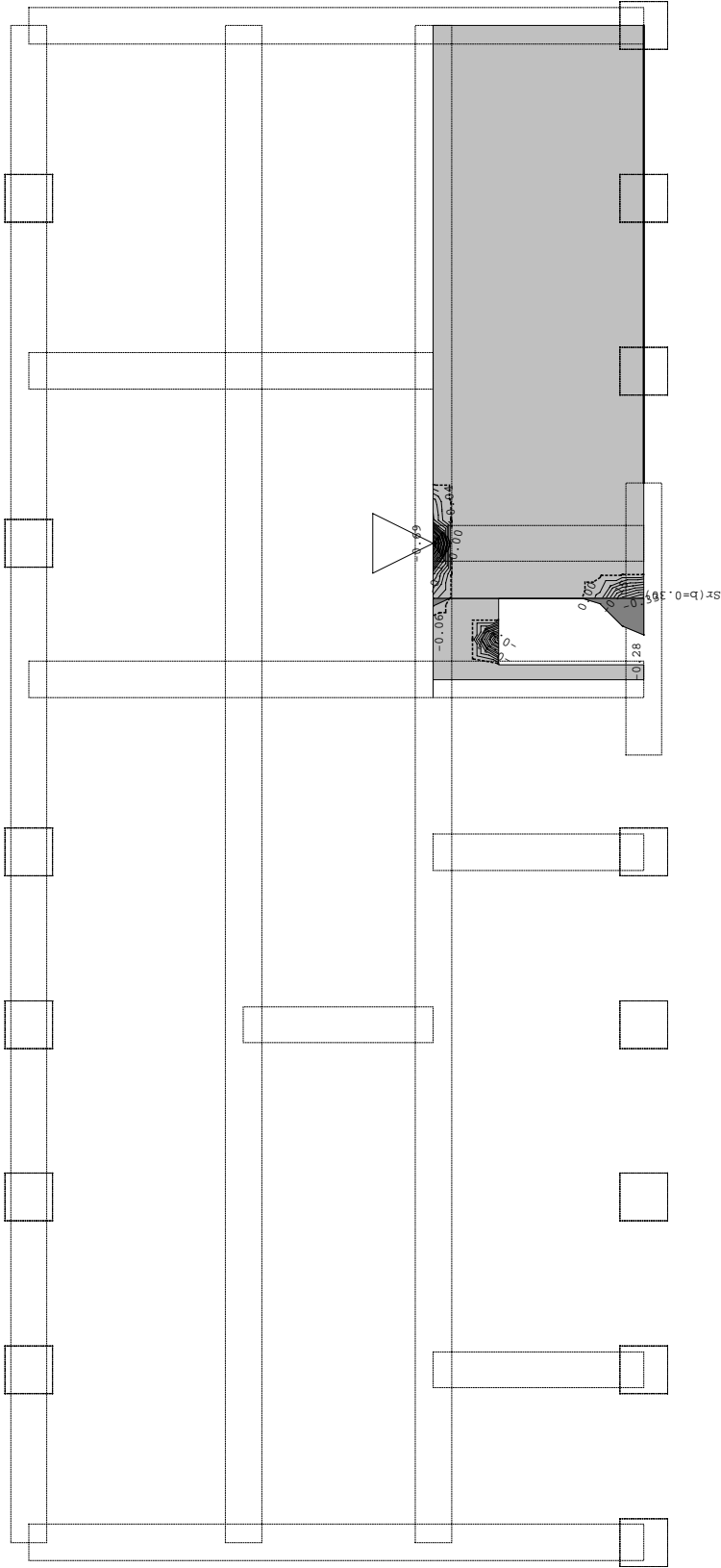
Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Okvir: H 4 - EUROCODEC 25 ($d_{pl}=15.0$ cm)Zgornja cona: MAG 500/560 ($a=2.0$ cm)Spodnja cona: MAG 500/560 ($a=2.0$ cm) $X=14.92$ m; $Y=9.69$ m; $Z=2.40$ mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

 $1.35xI+1.50xII+0.90xVI+0.75xX$ $Mu = 0.32$ kNm $Nu = 142.06$ kN $\epsilon b/\epsilon a = 0.561/10.000$ ‰ $Az1 = 1.69$ cm²/m $As1 = 1.70$ cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

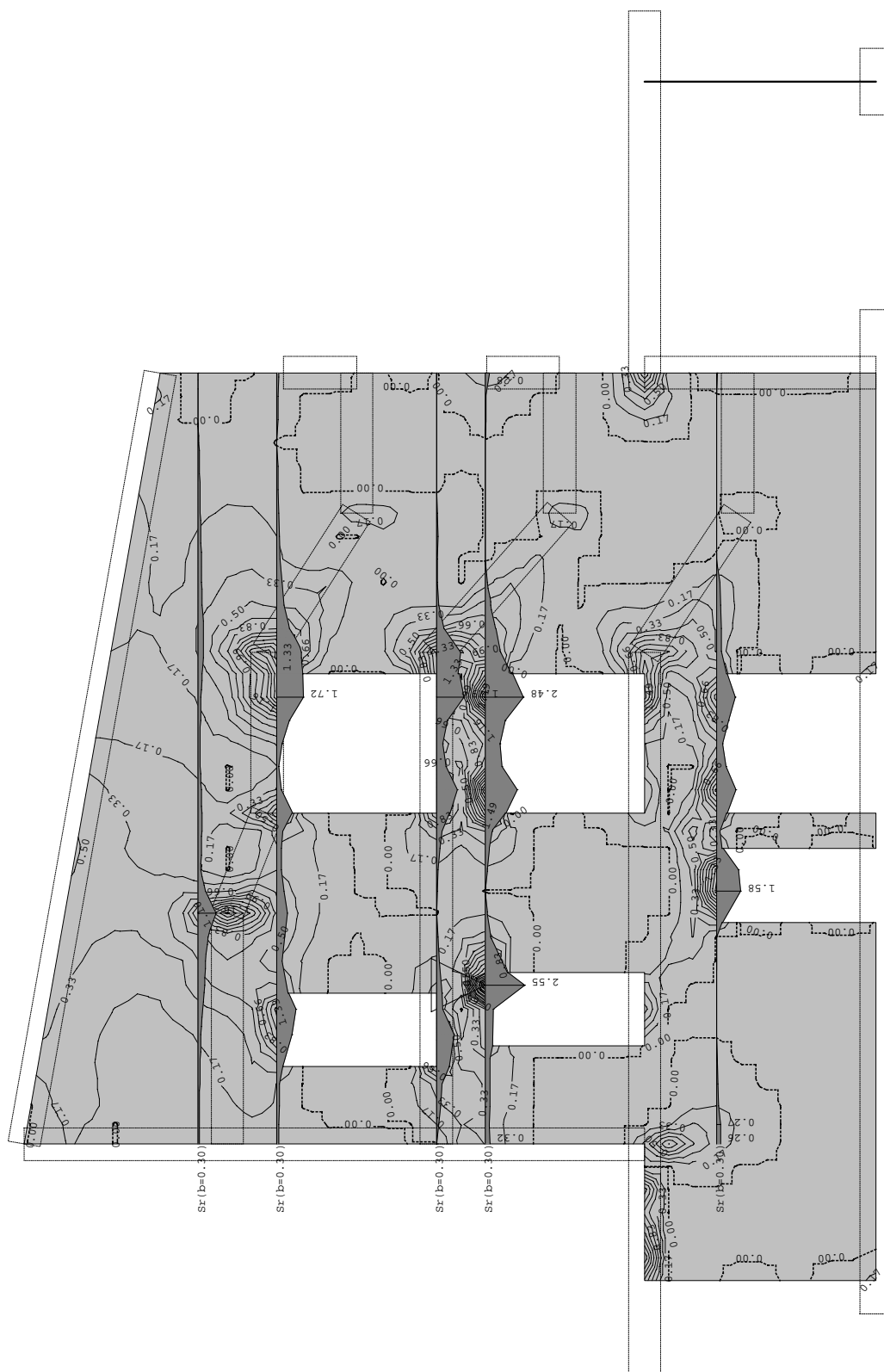
 $1.35xI+1.50xII+0.90xIX+0.75xX$ $Mu = -0.04$ kNm $Nu = 39.84$ kN $\epsilon b/\epsilon a = 0.636/10.000$ ‰ $Az2 = 0.47$ cm²/m $As2 = 0.47$ cm²/m $X=16.50$ m; $Y=9.69$ m; $Z=3.48$ mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

 $1.00xI+0.60xII+1.00xXI$ $Mu = 0.27$ kNm $Nu = 62.81$ kN $\epsilon b/\epsilon a = 0.388/10.000$ ‰ $Az1 = 0.78$ cm²/m $As1 = 0.78$ cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

 $1.35xI+1.50xII+0.90xIX+0.75xX$ $Mu = -7.12$ kNm $Nu = -46.19$ kN $\epsilon b/\epsilon a = -1.118/10.000$ ‰ $Az2 = 0.69$ cm²/m $As2 = 0.69$ cm²/m

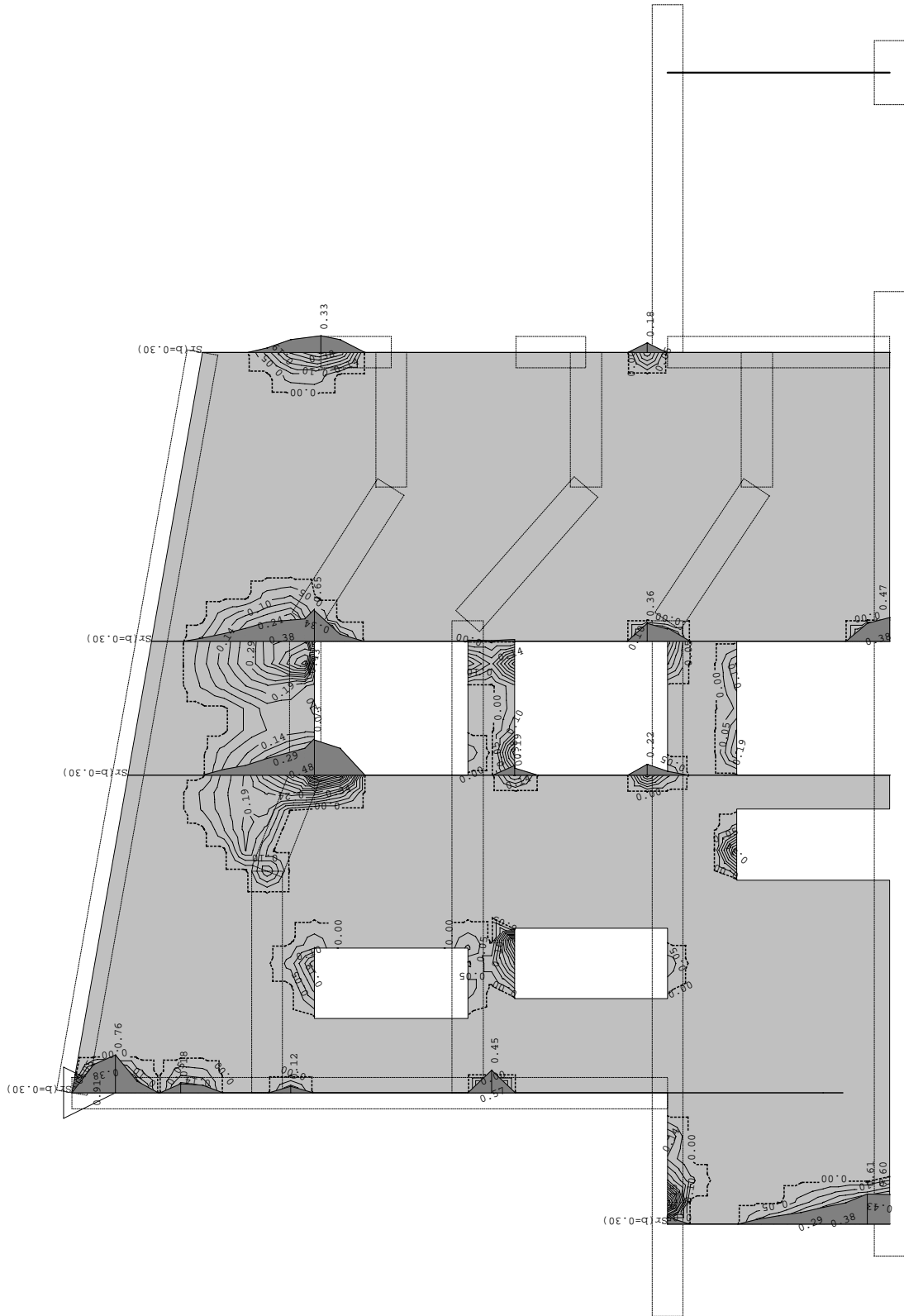


Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm

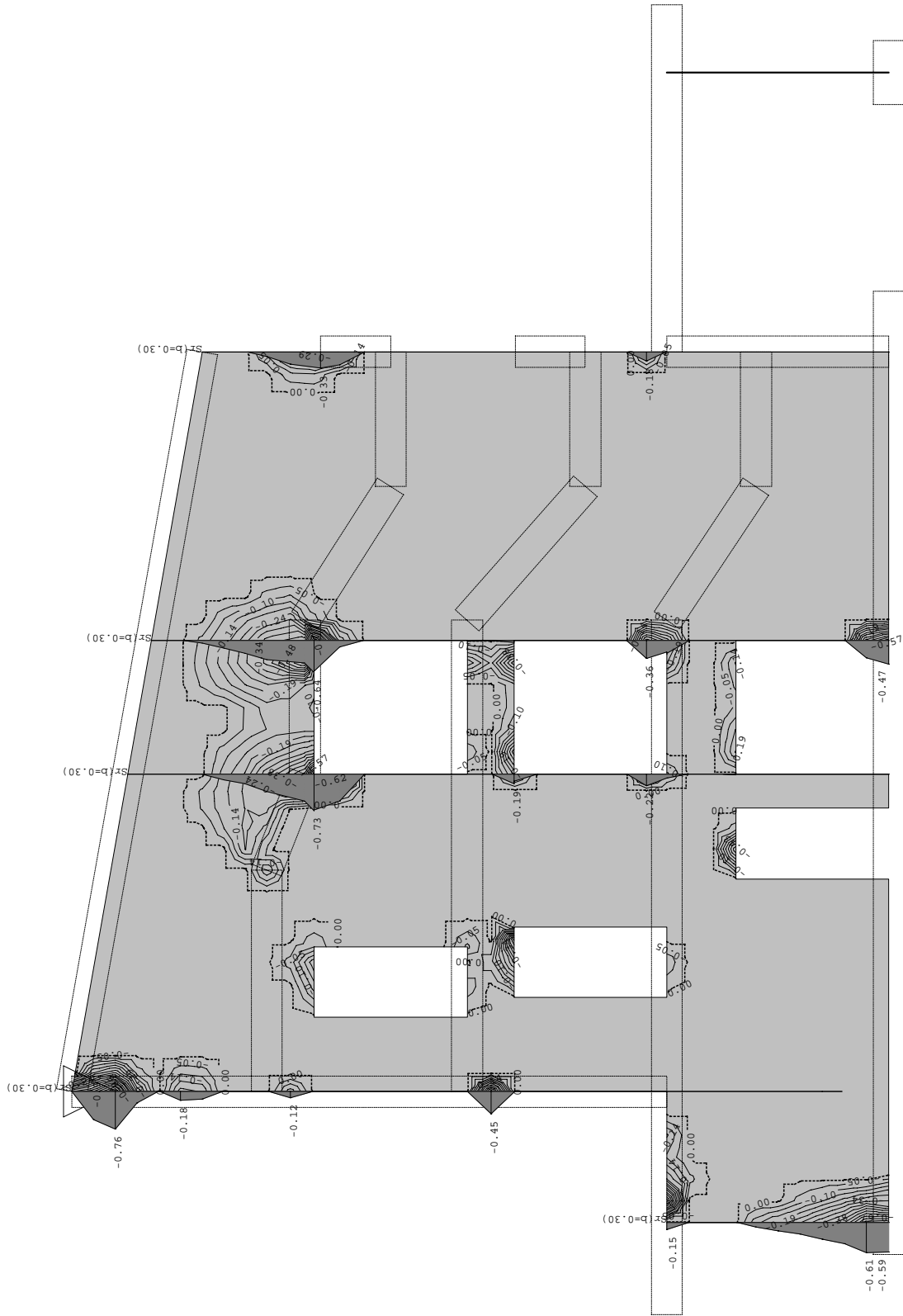
Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Okvir: H 1 - EUROCODE

C 25 (d,pl=20.0 cm)

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

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

X=13.99 m; Y=-0.00 m; Z=5.88 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+1.00xXI

Mu = -0.08 kNm

Nu = 271.60 kN

 $\epsilon_b/\epsilon_a = 1.167/10.000 \text{ ‰}$ Az1 = 3.13 cm²/mAs1 = 3.15 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.00xI+0.60xV+0.00xVII+1.00xXI

Mu = -0.11 kNm

Nu = 49.69 kN

 $\epsilon_b/\epsilon_a = 1.059/10.000 \text{ ‰}$ Az2 = 0.59 cm²/mAs2 = 0.59 cm²/mX=11.60 m; Y=-0.00 m; Z=12.14 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+1.00xXII

Mu = -0.37 kNm

Nu = 11.41 kN

 $\epsilon_b/\epsilon_a = -0.061/10.000 \text{ ‰}$ Az1 = 0.18 cm²/mAs1 = 0.18 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

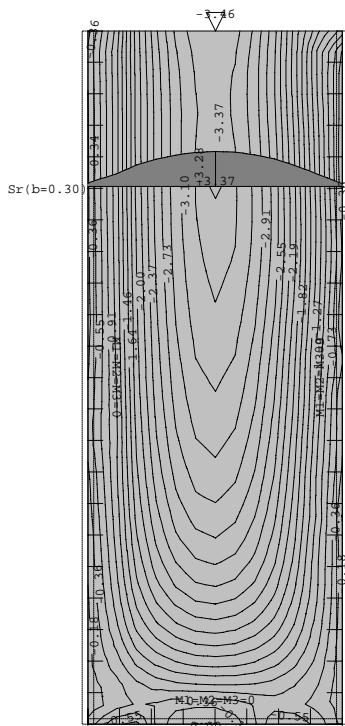
1.00xI+0.60xII+1.00xXII

Mu = -1.24 kNm

Nu = 63.05 kN

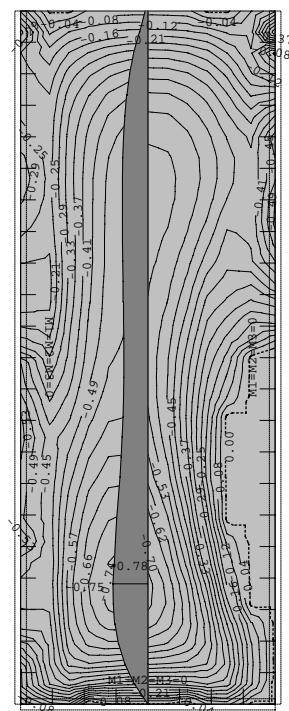
 $\epsilon_b/\epsilon_a = 0.226/10.000 \text{ ‰}$ Az2 = 0.90 cm²/mAs2 = 0.91 cm²/m

Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Pogled: streha
Aa - sp.cona

Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Pogled: streha
Aa - sp.cona

Pogled: streha - EUROCODE

C 25 (d,pl=15.0 cm)

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

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

X=23.20 m; Y=2.16 m; Z=10.77 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.05xV+0.90xVI+1.50xX

Mu = -18.74 kNm

Nu = -2.72 kN

 $\epsilon_b/\epsilon_a = -1.629/10.000 \text{ ‰}$ Az1 = 3.46 cm²/mAs1 = 0.00 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.05xIII+0.90xVII+1.50xX

Mu = -0.32 kNm

Nu = 0.25 kN

 $\epsilon_b/\epsilon_a = -0.164/10.000 \text{ ‰}$ Az2 = 0.06 cm²/mAs2 = 0.00 cm²/mX=13.62 m; Y=1.83 m; Z=12.46 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+0.90xVII+1.50xX

Mu = -11.11 kNm

Nu = -5.28 kN

 $\epsilon_b/\epsilon_a = -1.173/10.000 \text{ ‰}$ Az1 = 1.97 cm²/mAs1 = 0.00 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+0.90xVI+1.50xX

Mu = -5.05 kNm

Nu = -10.75 kN

 $\epsilon_b/\epsilon_a = -0.774/10.000 \text{ ‰}$ Az2 = 0.78 cm²/mAs2 = 0.00 cm²/mX=11.60 m; Y=0.83 m; Z=12.82 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+1.00xXII

Mu = -0.21 kNm

Nu = 63.75 kN

 $\epsilon_b/\epsilon_a = 0.455/10.000 \text{ ‰}$ Az1 = 0.78 cm²/mAs1 = 0.78 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.00xI+0.60xII+1.00xXII

Mu = 0.12 kNm

Nu = 12.62 kN

 $\epsilon_b/\epsilon_a = 0.600/10.000 \text{ ‰}$ Az2 = 0.12 cm²/mAs2 = 0.18 cm²/m

X=16.05 m; Y=-0.00 m; Z=12.04 m

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

Merodajna kombinacija:

1.35xI+1.05xIV+0.90xVI+1.50xX

Mu = -2.07 kNm

Nu = 0.12 kN

$\varepsilon_b/\varepsilon_a = -0.446/10.000 \text{ ‰}$

Az1 = 0.37 cm²/m

As1 = 0.00 cm²/m

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

Merodajna kombinacija:

1.00xI+0.60xIV+1.00xXI

Mu = -0.56 kNm

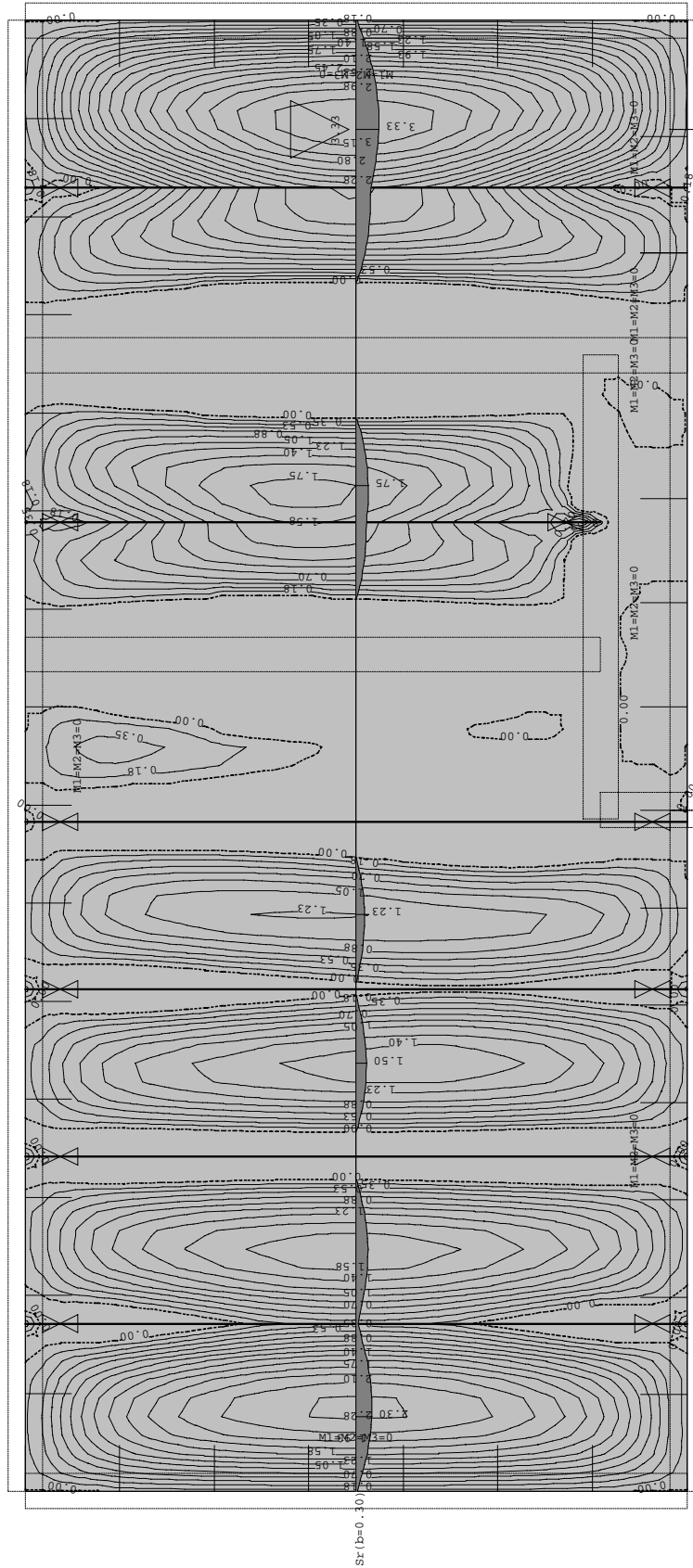
Nu = 37.62 kN

$\varepsilon_b/\varepsilon_a = 0.389/10.000 \text{ ‰}$

Az2 = 0.55 cm²/m

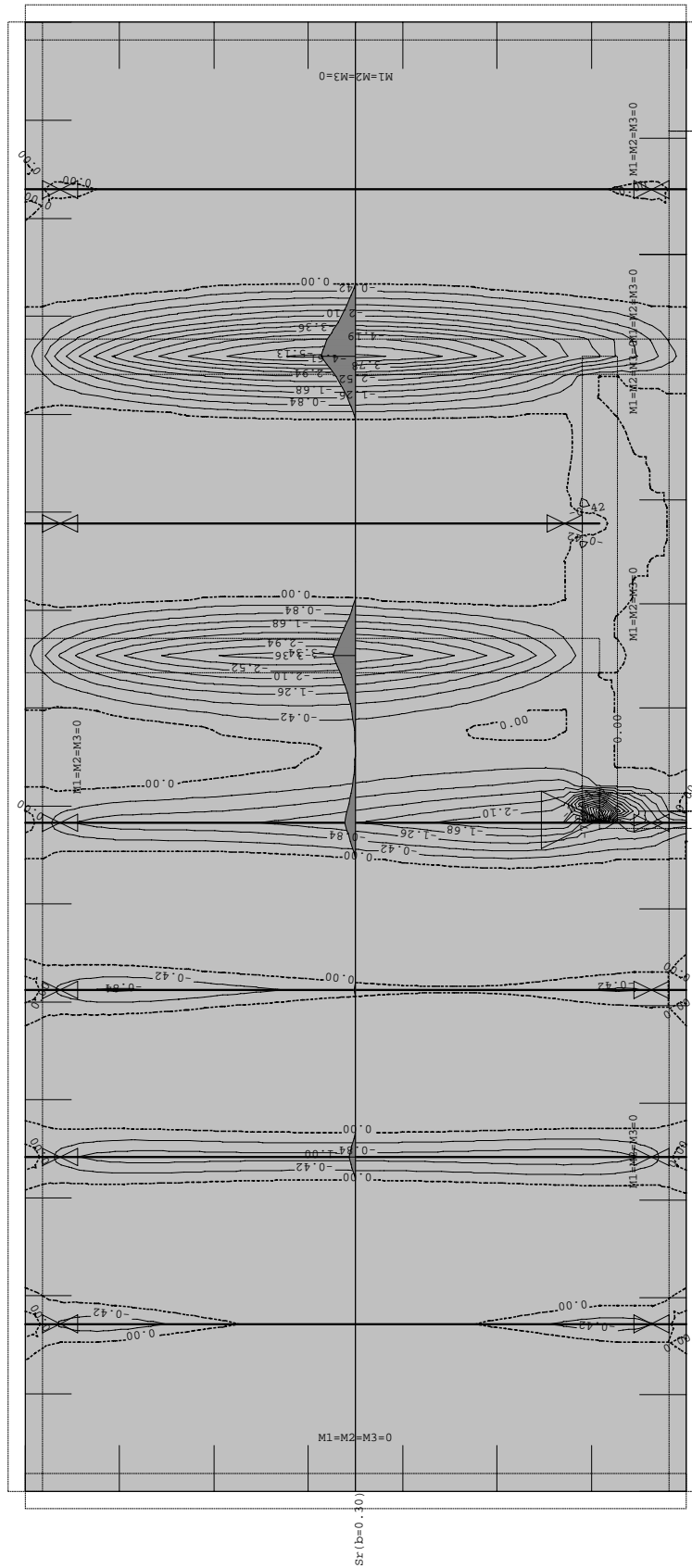
As2 = 0.37 cm²/m

Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm

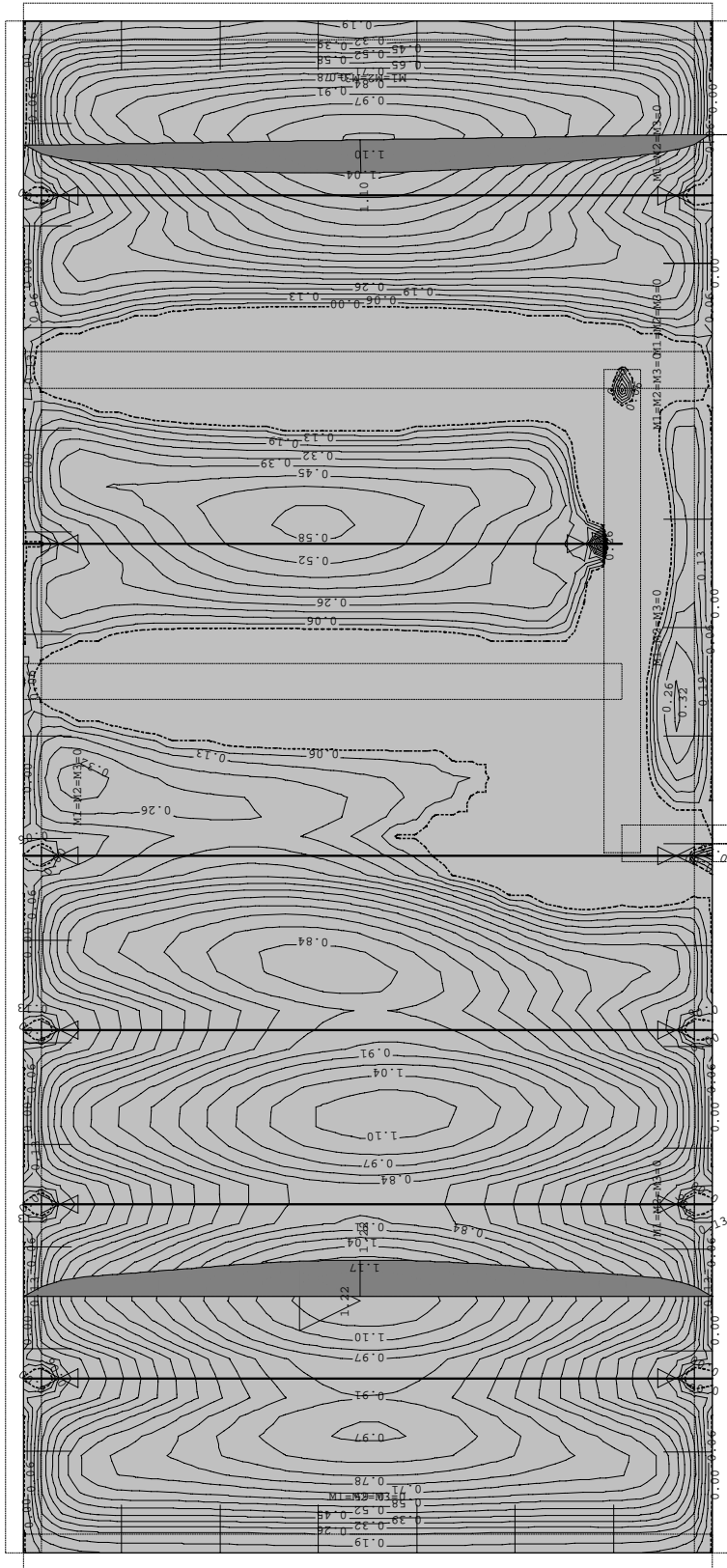


Nivo: streha in III etaža [10.16]
Aa - sp.cona

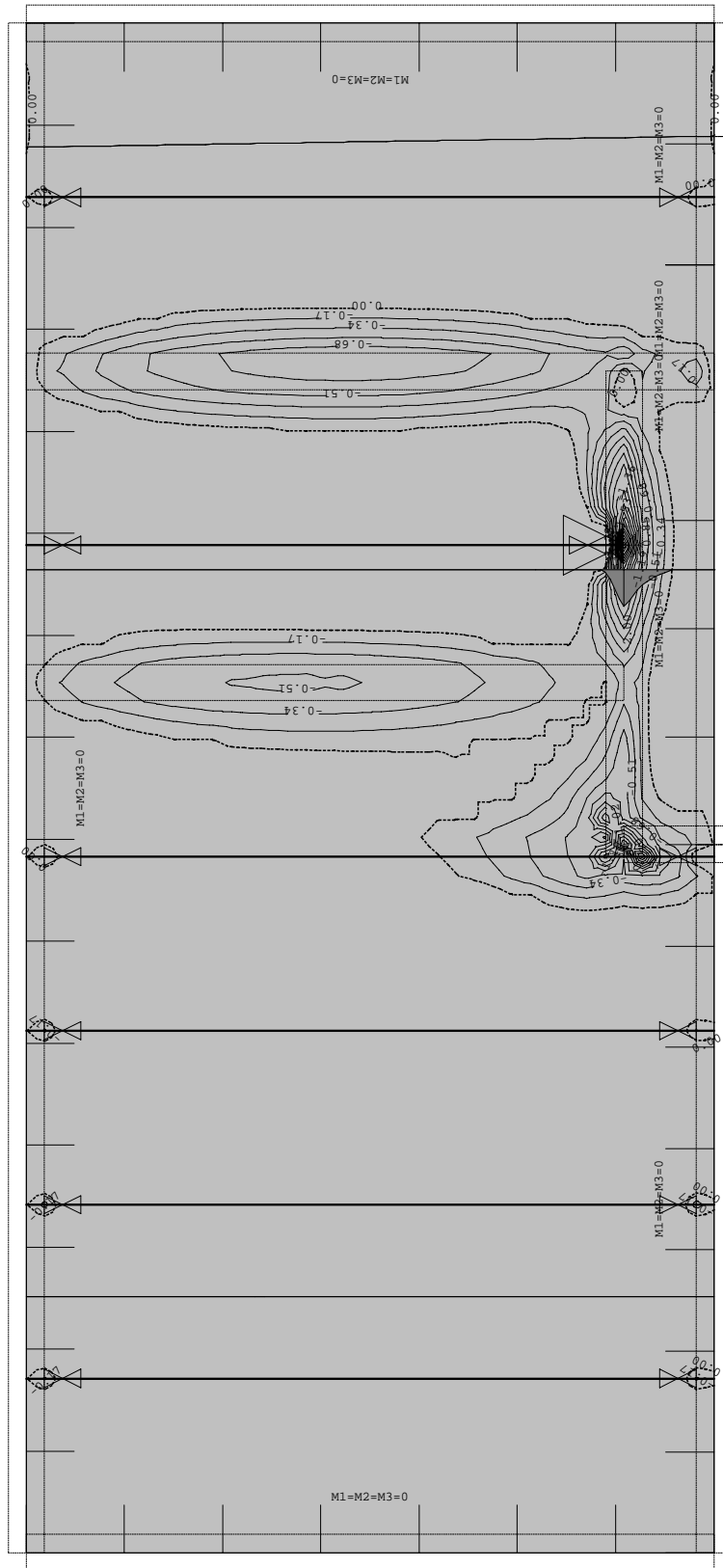
Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Nivo: streha in III etaža [10.16]
Aa - zg. cona

Nivo: streha in III etaža [10.16] - EUROCODE

C 25 (d,pl=12.0 cm)

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

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

X=11.45 m; Y=5.79 m; Z=10.16 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.05xIII+0.90xIX+1.50xX

Mu = -30.27 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -3.500/8.129 \text{ ‰}$ Az1 = 7.96 cm²/mAs1 = 0.00 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.05xV+0.90xVI+1.50xX

Mu = -3.37 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.780/10.000 \text{ ‰}$ Az2 = 0.80 cm²/mAs2 = 0.00 cm²/mX=16.50 m; Y=5.79 m; Z=10.16 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.05xII+0.90xVI+1.50xX

Mu = 0.95 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.391/10.000 \text{ ‰}$ Az1 = 0.00 cm²/mAs1 = 0.22 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.05xIV+0.90xVI+1.50xX

Mu = -13.23 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -1.841/10.000 \text{ ‰}$ Az2 = 3.23 cm²/mAs2 = 0.00 cm²/mX=23.20 m; Y=10.08 m; Z=10.16 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.05xIV+0.90xVI+1.50xX

Mu = 13.63 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -1.881/10.000 \text{ ‰}$ Az1 = 0.00 cm²/mAs1 = 3.33 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.05xII+0.90xVI+1.50xX

Mu = 4.66 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.939/10.000 \text{ ‰}$ Az2 = 0.00 cm²/mAs2 = 1.10 cm²/mX=4.12 m; Y=10.08 m; Z=10.16 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.05xII+0.90xVI+1.50xX

Mu = 7.11 kNm

Nu = 0.00 kN

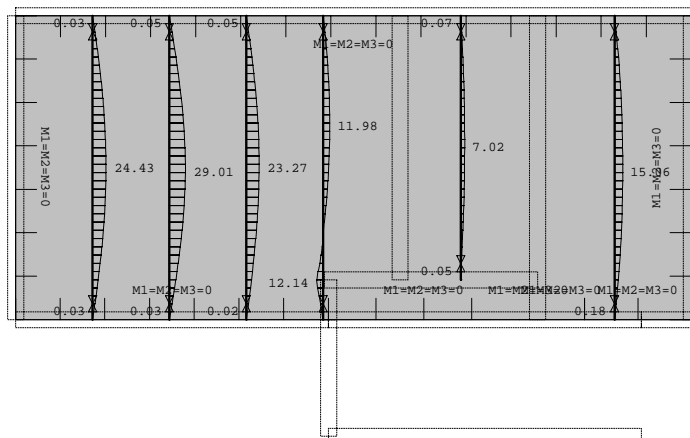
 $\epsilon_b/\epsilon_a = -1.213/10.000 \text{ ‰}$ Az1 = 0.00 cm²/mAs1 = 1.70 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.05xIV+0.90xVI+1.50xX

Mu = 5.15 kNm

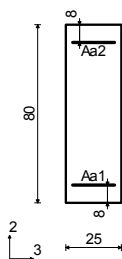
Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.997/10.000 \text{ ‰}$ Az2 = 0.00 cm²/mAs2 = 1.22 cm²/mMerodajna obtežba : Kompletna shema
EUROCODE, C 25, RA 400/500

Nivo: streha in III etaža [10.16]

Armatura v gredah: max Aa2/Aa1= 29.01 cm²**Greda 12812-3247 C 25 (RA 400/500)**

EUROCODE

x = 0.00m

Merodajna kombinacija za upogib:

I+0.60xII+XI

N1u = 1.88 kN

M2u = 0.00 kNm

M3u = 0.00 kNm

Merodajna kombinacija za strig:

1.35xI+1.05xII+0.90xVI+1.50xX

T2u = -171.10 kN

T3u = 4.58 kN

M1u = 0.00 kNm

 $\epsilon_b/\epsilon_a = 10.000/10.000 \text{ ‰}$ Aa1 = 0.03 cm²Aa2 = 0.03 cm²Aa3 = 0.00 cm²Aa4 = 0.00 cm²Aa,st = 3.80 cm²/m (m=2)x = 5.51m

Merodajna kombinacija za upogib:

1.35xI+1.05xIV+0.90xIX+1.50xX

N1u = 2.48 kN

M2u = 0.00 kNm

M3u = 507.42 kNm

Merodajna kombinacija za strig:

I+0.60xIII-1.00xXII

T2u = -0.61 kN

T3u = -1.98 kN

M1u = 0.00 kNm

 $\epsilon_b/\epsilon_a = -3.500/5.068 \text{ ‰}$ Aa1 = 24.44 cm²Aa2 = 0.00 cm²Aa3 = 0.00 cm²Aa4 = 0.00 cm²Aa,st = 0.00 cm²/m (m=2)x = 11.27m

Merodajna kombinacija za upogib:

1.35xI+1.05xV+1.50xIX+0.75xX

N1u = 1.82 kN

M2u = 0.00 kNm

M3u = 0.00 kNm

Merodajna kombinacija za strig:

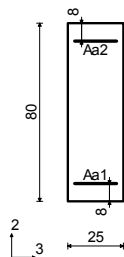
1.35xI+1.05xIV+0.90xVI+1.50xX

T2u = 170.38 kN

T3u = -1.54 kN

M1u = 0.00 kNm

 $\epsilon_b/\epsilon_a = 10.000/10.000 \text{ ‰}$ Aa1 = 0.03 cm²Aa2 = 0.03 cm²Aa3 = 0.00 cm²Aa4 = 0.00 cm²Aa,st = 3.78 cm²/m (m=2)

Greda 15539-5066 C 25 (RA 400/500)
 EUROCODE

 $x = 0.00m$

Merodajna kombinacija za upogib:

 $I+0.60xII+XI$

N1u =	3.54 kN
M2u =	0.00 kNm
M3u =	0.00 kNm

[cm]

 Merodajna kombinacija za strig:
 $1.35xI+1.05xIV+0.90xVII+1.50xX$
 $T2u = -188.42 \text{ kN}$
 $T3u = 0.90 \text{ kN}$
 $M1u = 0.00 \text{ kNm}$
 $\epsilon_b/\epsilon_a = 10.000/10.000 \text{ ‰}$

Aa1 =	0.05 cm ²
Aa2 =	0.05 cm ²
Aa3 =	0.00 cm ²
Aa4 =	0.00 cm ²
Aa,st =	4.18 cm ² /m (m=2)

 $x = 5.51m$

Merodajna kombinacija za upogib:

 $1.35xI+1.05xIV+0.90xVII+1.50xX$

N1u =	-6.38 kN
M2u =	0.00 kNm
M3u =	580.56 kNm

Merodajna kombinacija za strig:

 $I+0.60xII-1.00xXI$

T2u =	-1.00 kN
T3u =	-1.21 kN
M1u =	0.00 kNm
$\epsilon_b/\epsilon_a =$	-3.500/3.651 ‰

Aa1 =	29.01 cm ²
Aa2 =	0.00 cm ²
Aa3 =	0.00 cm ²
Aa4 =	0.00 cm ²
Aa,st =	0.00 cm ² /m (m=2)

 $x = 11.27m$

Merodajna kombinacija za upogib:

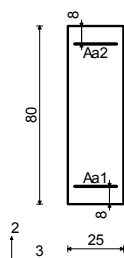
 $I+XII$

N1u =	1.88 kN
M2u =	0.00 kNm
M3u =	0.00 kNm

Merodajna kombinacija za strig:

 $1.35xI+1.05xIV+0.90xIX+1.50xX$

T2u =	190.06 kN
T3u =	-0.46 kN
M1u =	0.00 kNm
$\epsilon_b/\epsilon_a =$	10.000/10.000 ‰
Aa1 =	0.03 cm ²
Aa2 =	0.03 cm ²
Aa3 =	0.00 cm ²
Aa4 =	0.00 cm ²
Aa,st =	4.22 cm ² /m (m=2)

Greda 17804-7369 C 25 (RA 400/500)
 EUROCODE

 $x = 0.00m$

Merodajna kombinacija za upogib:

 $I+0.60xII+XI$

N1u =	3.21 kN
M2u =	0.00 kNm
M3u =	0.00 kNm

[cm]

 Merodajna kombinacija za strig:
 $1.35xI+0.90xVII+1.50xX$
 $T2u = -167.96 \text{ kN}$
 $T3u = 0.41 \text{ kN}$
 $M1u = 0.00 \text{ kNm}$
 $\epsilon_b/\epsilon_a = 10.000/10.000 \text{ ‰}$

Aa1 =	0.05 cm ²
Aa2 =	0.05 cm ²
Aa3 =	0.00 cm ²
Aa4 =	0.00 cm ²
Aa,st =	3.73 cm ² /m (m=2)

 $x = 5.51m$

Merodajna kombinacija za upogib:

 $1.35xI+0.90xVII+1.50xX$

N1u =	-12.29 kN
M2u =	0.00 kNm
M3u =	490.34 kNm

Merodajna kombinacija za strig:

 $1.35xI+1.05xV+0.90xIX+1.50xX$

T2u =	-3.05 kN
T3u =	0.44 kN
M1u =	0.00 kNm
$\epsilon_b/\epsilon_a =$	-3.500/5.335 ‰

Aa1 =	23.27 cm ²
Aa2 =	0.00 cm ²
Aa3 =	0.00 cm ²
Aa4 =	0.00 cm ²
Aa,st =	0.00 cm ² /m (m=2)

 $x = 11.27m$

Merodajna kombinacija za upogib:

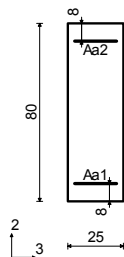
 $I+XII$

N1u =	1.36 kN
M2u =	0.00 kNm
M3u =	0.00 kNm

Merodajna kombinacija za strig:

 $1.35xI+1.05xV+0.90xVII+1.50xX$

T2u =	159.26 kN
T3u =	0.41 kN
M1u =	0.00 kNm
$\epsilon_b/\epsilon_a =$	10.000/10.000 ‰
Aa1 =	0.02 cm ²
Aa2 =	0.02 cm ²
Aa3 =	0.00 cm ²
Aa4 =	0.00 cm ²
Aa,st =	3.53 cm ² /m (m=2)

Greda 19569-10037 C 25 (RA 400/500)
 EUROCODE

 $x = 0.00m$

Merodajna kombinacija za upogib:

 $I+0.60xV+XI$

N1u =	1.88 kN
M2u =	0.00 kNm
M3u =	0.00 kNm

 Merodajna kombinacija za strig:
 $1.35xI+1.05xIII+0.90xVI+1.50xX$

T2u =	-123.64 kN
T3u =	-1.29 kN
M1u =	0.00 kNm
$\epsilon_b/\epsilon_a =$	10.000/10.000 ‰
Aa1 =	0.03 cm ²
Aa2 =	0.03 cm ²
Aa3 =	0.00 cm ²
Aa4 =	0.00 cm ²
Aa,st =	2.74 cm ² /m (m=2)

[cm]

 $x = 3.98m$

Merodajna kombinacija za upogib:

 $1.35xI+1.05xIII+0.90xVII+1.50xX$

N1u =	-13.08 kN
M2u =	0.00 kNm
M3u =	278.00 kNm

Merodajna kombinacija za strig:

 $1.35xI+1.05xII+0.90xVIII+1.50xX$

T2u =	-8.35 kN
T3u =	-1.78 kN
M1u =	0.00 kNm
$\epsilon_b/\epsilon_a =$	-2.820/10.000 ‰
Aa1 =	11.98 cm ²
Aa2 =	0.00 cm ²
Aa3 =	0.00 cm ²
Aa4 =	0.00 cm ²
Aa,st =	0.00 cm ² /m (m=2)

 $x = 9.80m$

Merodajna kombinacija za upogib:

 $1.35xI+0.90xVIII+1.50xX$

N1u =	-20.88 kN
M2u =	0.00 kNm
M3u =	-283.50 kNm

Merodajna kombinacija za strig:

 $1.35xI+1.05xIII+0.90xIX+1.50xX$

T2u =	-157.22 kN
T3u =	-12.03 kN
M1u =	0.00 kNm
$\epsilon_b/\epsilon_a =$	-2.900/10.000 ‰
Aa1 =	0.00 cm ²
Aa2 =	12.14 cm ²
Aa3 =	0.00 cm ²
Aa4 =	0.00 cm ²
Aa,st =	3.49 cm ² /m (m=2)

 $x = 10.39m$

Merodajna kombinacija za upogib:

 $1.35xI+0.90xVIII+1.50xX$

N1u =	6.24 kN
M2u =	0.00 kNm
M3u =	-171.25 kNm

Merodajna kombinacija za strig:

 $1.35xI+1.05xIII+0.90xIX+1.50xX$

T2u =	-188.13 kN
T3u =	6.72 kN
M1u =	0.00 kNm
$\epsilon_b/\epsilon_a =$	-1.820/10.000 ‰
Aa1 =	0.00 cm ²
Aa2 =	7.35 cm ²
Aa3 =	0.00 cm ²
Aa4 =	0.00 cm ²
Aa,st =	4.17 cm ² /m (m=2)

 $x = 11.27m$

Merodajna kombinacija za upogib:

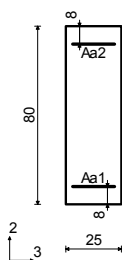
 $I+XII$

N1u =	24.20 kN
M2u =	0.00 kNm
M3u =	0.00 kNm

Merodajna kombinacija za strig:

 $1.35xI+1.05xIII+0.90xIX+1.50xX$

T2u =	-181.81 kN
T3u =	-0.85 kN
M1u =	0.00 kNm
$\epsilon_b/\epsilon_a =$	0.706/10.000 ‰
Aa1 =	0.35 cm ²
Aa2 =	0.35 cm ²
Aa3 =	0.00 cm ²
Aa4 =	0.00 cm ²
Aa,st =	4.03 cm ² /m (m=2)

Greda 21719-16393 C 25 (RA 400/500)
 EUROCODE

 $x = 0.00m$

 Merodajna kombinacija za upogib:
 $1.35xI+1.05xIII+0.90xVIII+1.50xX$
 $N1u = 4.56 \text{ kN}$
 $M2u = 0.00 \text{ kNm}$
 $M3u = 0.00 \text{ kNm}$

 Merodajna kombinacija za strig:
 $1.35xI+1.05xIV+0.90xIX+1.50xX$
 $T2u = -77.91 \text{ kN}$
 $T3u = 4.23 \text{ kN}$
 $M1u = 0.00 \text{ kNm}$
 $\epsilon b/\epsilon a = 10.000/10.000 \text{ ‰}$
 $Aa1 = 0.07 \text{ cm}^2$
 $Aa2 = 0.07 \text{ cm}^2$
 $Aa3 = 0.00 \text{ cm}^2$
 $Aa4 = 0.00 \text{ cm}^2$
 $Aa, st = 1.73 \text{ cm}^2/m \quad (m=2)$
 $x = 4.59m$

Merodajna kombinacija za upogib:

 $1.35xI+1.05xIV+1.50xX$
 $N1u = -17.34 \text{ kN}$
 $M2u = 0.00 \text{ kNm}$
 $M3u = 171.42 \text{ kNm}$

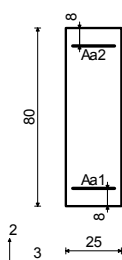
Merodajna kombinacija za strig:

 $I+0.60xIV-1.00xXI$
 $T2u = -2.10 \text{ kN}$
 $T3u = -1.24 \text{ kN}$
 $M1u = 0.00 \text{ kNm}$
 $\epsilon b/\epsilon a = -1.883/10.000 \text{ ‰}$
 $Aa1 = 7.02 \text{ cm}^2$
 $Aa2 = 0.00 \text{ cm}^2$
 $Aa3 = 0.00 \text{ cm}^2$
 $Aa4 = 0.00 \text{ cm}^2$
 $Aa, st = 0.00 \text{ cm}^2/m \quad (m=2)$
 $x = 9.80m$

Merodajna kombinacija za upogib:

 $I+0.60xV+XI$
 $N1u = 3.30 \text{ kN}$
 $M2u = 0.00 \text{ kNm}$
 $M3u = 0.00 \text{ kNm}$

Merodajna kombinacija za strig:

 $1.35xI+1.05xII+0.90xIX+1.50xX$
 $T2u = 12.27 \text{ kN}$
 $T3u = 2.22 \text{ kN}$
 $M1u = 0.00 \text{ kNm}$
 $\epsilon b/\epsilon a = 10.000/10.000 \text{ ‰}$
 $Aa1 = 0.05 \text{ cm}^2$
 $Aa2 = 0.05 \text{ cm}^2$
 $Aa3 = 0.00 \text{ cm}^2$
 $Aa4 = 0.00 \text{ cm}^2$
 $Aa, st = 0.00 \text{ cm}^2/m \quad (m=2)$
Greda 22843-19306 C 25 (RA 400/500)
 EUROCODE

 $x = 0.00m$

 Merodajna kombinacija za upogib:
 $I+0.60xV+XI$
 $N1u = 0.81 \text{ kN}$
 $M2u = 0.00 \text{ kNm}$
 $M3u = 0.00 \text{ kNm}$

 Merodajna kombinacija za strig:
 $1.35xI+1.05xIII+0.90xVII+1.50xX$
 $T2u = -124.99 \text{ kN}$
 $T3u = -1.76 \text{ kN}$
 $M1u = 0.00 \text{ kNm}$
 $\epsilon b/\epsilon a = 10.000/10.000 \text{ ‰}$
 $Aa1 = 0.01 \text{ cm}^2$
 $Aa2 = 0.01 \text{ cm}^2$
 $Aa3 = 0.00 \text{ cm}^2$
 $Aa4 = 0.00 \text{ cm}^2$
 $Aa, st = 2.77 \text{ cm}^2/m \quad (m=2)$
 $x = 5.51m$

Merodajna kombinacija za upogib:

 $1.35xI+1.05xIII+0.90xVIII+1.50xX$
 $N1u = -9.67 \text{ kN}$
 $M2u = 0.00 \text{ kNm}$
 $M3u = 339.79 \text{ kNm}$

Merodajna kombinacija za strig:

 $1.35xI+1.05xII+0.90xIX+1.50xX$
 $T2u = -3.92 \text{ kN}$
 $T3u = 0.99 \text{ kN}$
 $M1u = 0.00 \text{ kNm}$
 $\epsilon b/\epsilon a = -3.471/10.000 \text{ ‰}$
 $Aa1 = 15.06 \text{ cm}^2$
 $Aa2 = 0.00 \text{ cm}^2$
 $Aa3 = 0.00 \text{ cm}^2$
 $Aa4 = 0.00 \text{ cm}^2$
 $Aa, st = 0.00 \text{ cm}^2/m \quad (m=2)$
 $x = 11.27m$

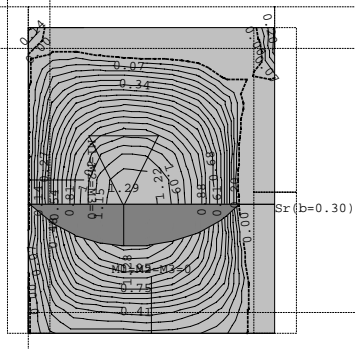
Merodajna kombinacija za upogib:

 $I+XI$
 $N1u = 12.23 \text{ kN}$
 $M2u = 0.00 \text{ kNm}$
 $M3u = 0.00 \text{ kNm}$

Merodajna kombinacija za strig:

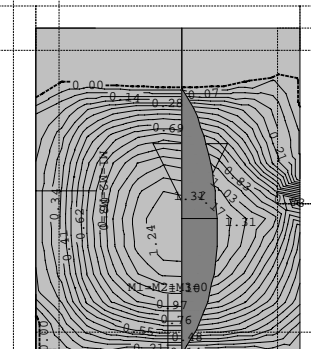
 $1.35xI+1.05xIII+0.90xVII+1.50xX$
 $T2u = 126.03 \text{ kN}$
 $T3u = 2.82 \text{ kN}$
 $M1u = 0.00 \text{ kNm}$
 $\epsilon b/\epsilon a = 10.000/10.000 \text{ ‰}$
 $Aa1 = 0.18 \text{ cm}^2$
 $Aa2 = 0.18 \text{ cm}^2$
 $Aa3 = 0.00 \text{ cm}^2$
 $Aa4 = 0.00 \text{ cm}^2$
 $Aa, st = 2.80 \text{ cm}^2/m \quad (m=2)$

Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Nivo: [9.76]
Aa - sp.cona

Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Nivo: [9.76]
Aa - sp.cona

Nivo: [9.76] - EUROCODE

C 25 (d.pl=15.0 cm)

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

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

X=15.08 m; Y=2.33 m; Z=9.76 m

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

Merodajna kombinacija:

1.35xI+1.50xIII+0.90xVII

Mu = -5.40 kNm

Nu = 0.00 kN

$\epsilon_b/\epsilon_a = -0.755/10.000 \text{ ‰}$

Az1 = 0.98 cm²/m

As1 = 0.00 cm²/m

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

Merodajna kombinacija:

1.35xI+1.50xIV+0.90xVI+0.75xX

Mu = 0.33 kNm

Nu = 0.00 kN

$\epsilon_b/\epsilon_a = -0.170/10.000 \text{ ‰}$

Az2 = 0.00 cm²/m

As2 = 0.06 cm²/m

X=13.30 m; Y=4.32 m; Z=9.76 m

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

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVI+0.75xX

Mu = -1.04 kNm

Nu = 0.00 kN

$\epsilon_b/\epsilon_a = -0.310/10.000 \text{ ‰}$

Az1 = 0.19 cm²/m

As1 = 0.00 cm²/m

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

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVI+0.75xX

Mu = -9.24 kNm

Nu = 0.00 kN

$\epsilon_b/\epsilon_a = -1.031/10.000 \text{ ‰}$

Az2 = 1.69 cm²/m

As2 = 0.00 cm²/m

X=12.94 m; Y=1.80 m; Z=9.76 m

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

Merodajna kombinacija:

1.35xI+1.50xV+0.90xVI+0.75xX

Mu = 7.09 kNm

Nu = 0.00 kN

$\epsilon_b/\epsilon_a = -0.882/10.000 \text{ ‰}$

Az1 = 0.00 cm²/m

As1 = 1.29 cm²/m

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

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVI+0.75xX

Mu = 6.67 kNm

Nu = 0.00 kN

$\epsilon_b/\epsilon_a = -0.851/10.000 \text{ ‰}$

Az2 = 0.00 cm²/m

As2 = 1.21 cm²/m

X=13.63 m; Y=1.80 m; Z=9.76 m

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

Merodajna kombinacija:

1.35xI+1.50xV+0.90xVI+0.75xX

Mu = 6.33 kNm

Nu = 0.00 kN

$\epsilon_b/\epsilon_a = -0.827/10.000 \text{ ‰}$

Az1 = 0.00 cm²/m

As1 = 1.15 cm²/m

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

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVI+0.75xX

Mu = 7.18 kNm

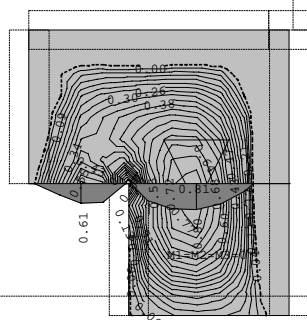
Nu = 0.00 kN

$\epsilon_b/\epsilon_a = -0.889/10.000 \text{ ‰}$

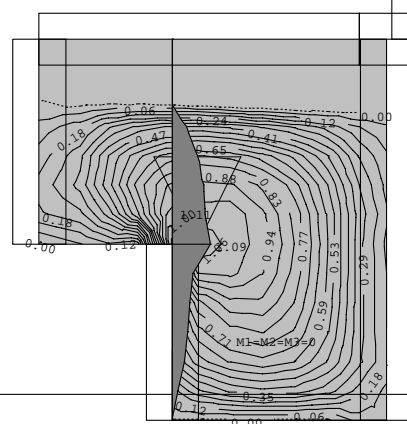
Az2 = 0.00 cm²/m

As2 = 1.31 cm²/m

Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm

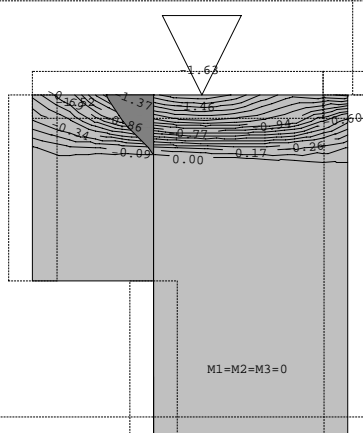


Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Nivo: [9.16]
Aa - sp.cona

Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Nivo: [9.16]
Aa - sp.cona

Nivo: [9.16]
Aa - zg.cona

Nivo: [9.16] - EUROCODE

C 25 (d,pl=15.0 cm)

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

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

X=18.99 m; Y=2.00 m; Z=9.16 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVI+0.75xX

Mu = -5.41 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.755/10.000 \text{ ‰}$ Az1 = 0.98 cm²/mAs1 = 0.00 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVI+0.75xX

Mu = 0.90 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.287/10.000 \text{ ‰}$ Az2 = 0.00 cm²/mAs2 = 0.16 cm²/mX=17.17 m; Y=4.32 m; Z=9.16 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVI

Mu = -1.00 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.304/10.000 \text{ ‰}$ Az1 = 0.18 cm²/mAs1 = 0.00 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVII+0.75xX

Mu = -8.90 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -1.010/10.000 \text{ ‰}$ Az2 = 1.63 cm²/mAs2 = 0.00 cm²/mX=17.59 m; Y=1.67 m; Z=9.16 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xV+0.90xVII+0.75xX

Mu = 4.47 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.678/10.000 \text{ ‰}$ Az1 = 0.00 cm²/mAs1 = 0.81 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVI

Mu = 5.21 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.740/10.000 \text{ ‰}$ Az2 = 0.00 cm²/mAs2 = 0.95 cm²/mX=16.86 m; Y=2.00 m; Z=9.16 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVII

Mu = 2.87 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.532/10.000 \text{ ‰}$ Az1 = 0.00 cm²/mAs1 = 0.52 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

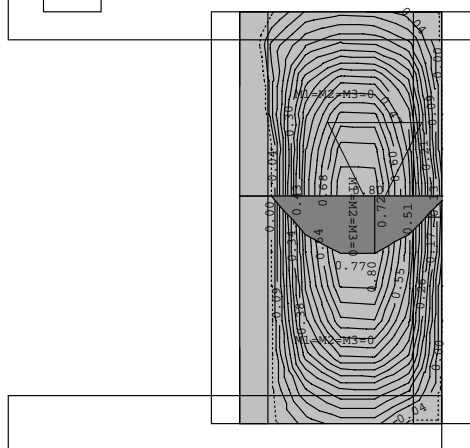
1.35xI+1.50xII+0.90xVII+0.75xX

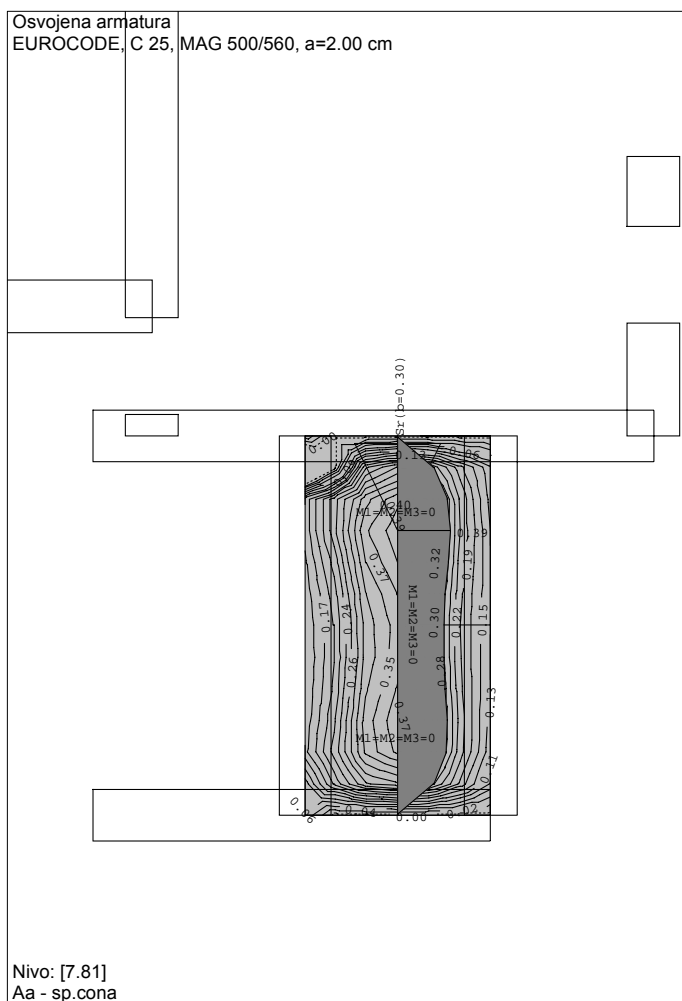
Mu = 6.13 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.811/10.000 \text{ ‰}$ Az2 = 0.00 cm²/mAs2 = 1.11 cm²/m

Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



**Nivo: [7.81] - EUROCODE**

C 25 (d.pl=15.0 cm)

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

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

X=21.09 m; Y=1.80 m; Z=7.81 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVI+0.75xX

Mu = -3.33 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.577/10.000 \text{ ‰}$ Az1 = 0.60 cm²/mAs1 = 0.00 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVI+0.75xX

Mu = 0.74 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.258/10.000 \text{ ‰}$ Az2 = 0.00 cm²/mAs2 = 0.13 cm²/mX=21.09 m; Y=3.96 m; Z=7.81 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xV+0.90xVI+0.75xX

Mu = -0.95 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.295/10.000 \text{ ‰}$ Az1 = 0.17 cm²/mAs1 = 0.00 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xV+0.90xVI

Mu = -0.97 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.298/10.000 \text{ ‰}$ Az2 = 0.17 cm²/mAs2 = 0.00 cm²/mX=22.50 m; Y=2.16 m; Z=7.81 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xIV+0.90xVI+0.75xX

Mu = 4.44 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.676/10.000 \text{ ‰}$ Az1 = 0.00 cm²/mAs1 = 0.80 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVI+0.75xX

Mu = 1.77 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.409/10.000 \text{ ‰}$ Az2 = 0.00 cm²/mAs2 = 0.32 cm²/mX=22.14 m; Y=3.24 m; Z=7.81 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVI+0.75xX

Mu = 3.60 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.603/10.000 \text{ ‰}$ Az1 = 0.00 cm²/mAs1 = 0.65 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

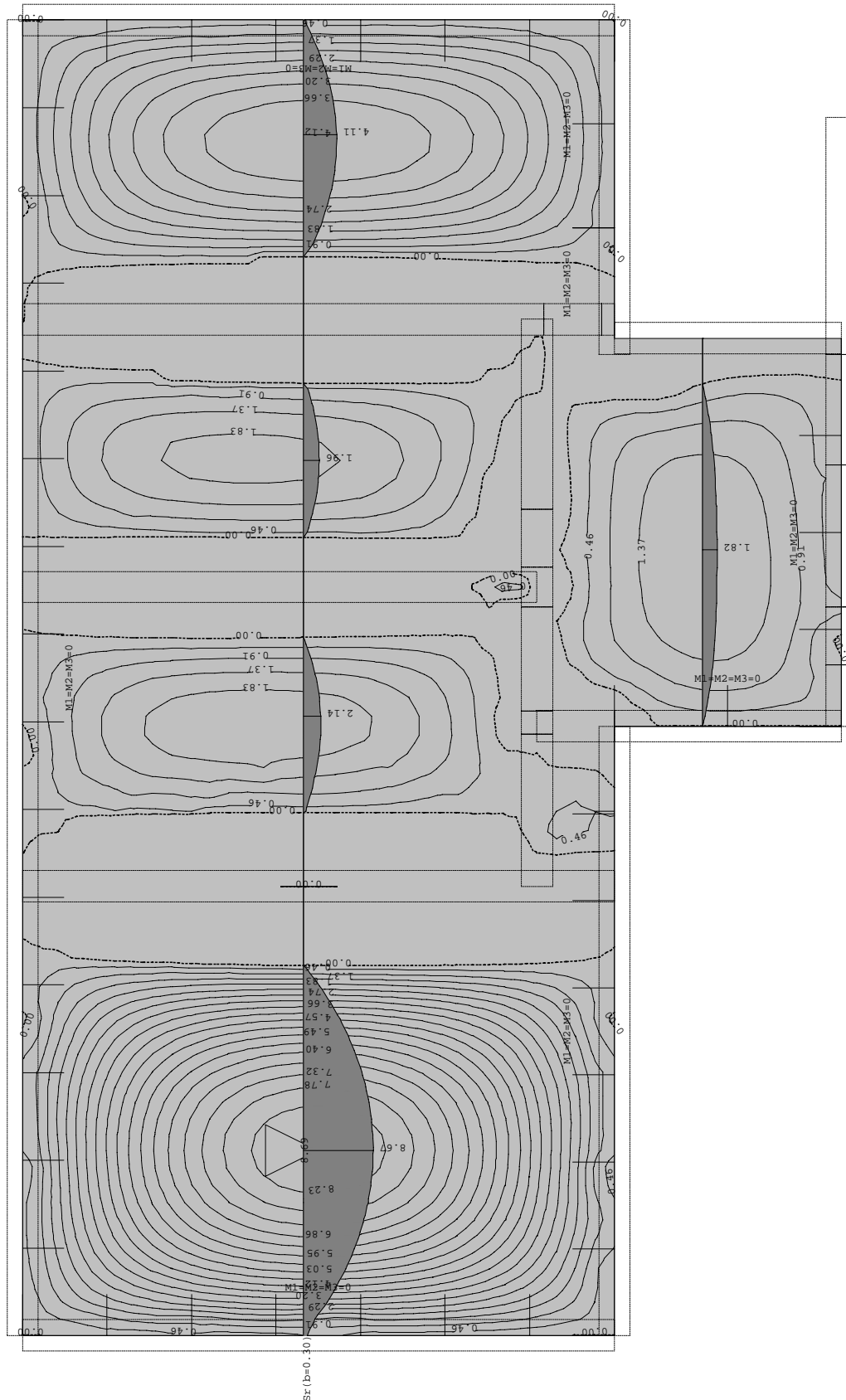
1.35xI+1.50xII+0.90xVI+0.75xX

Mu = 2.25 kNm

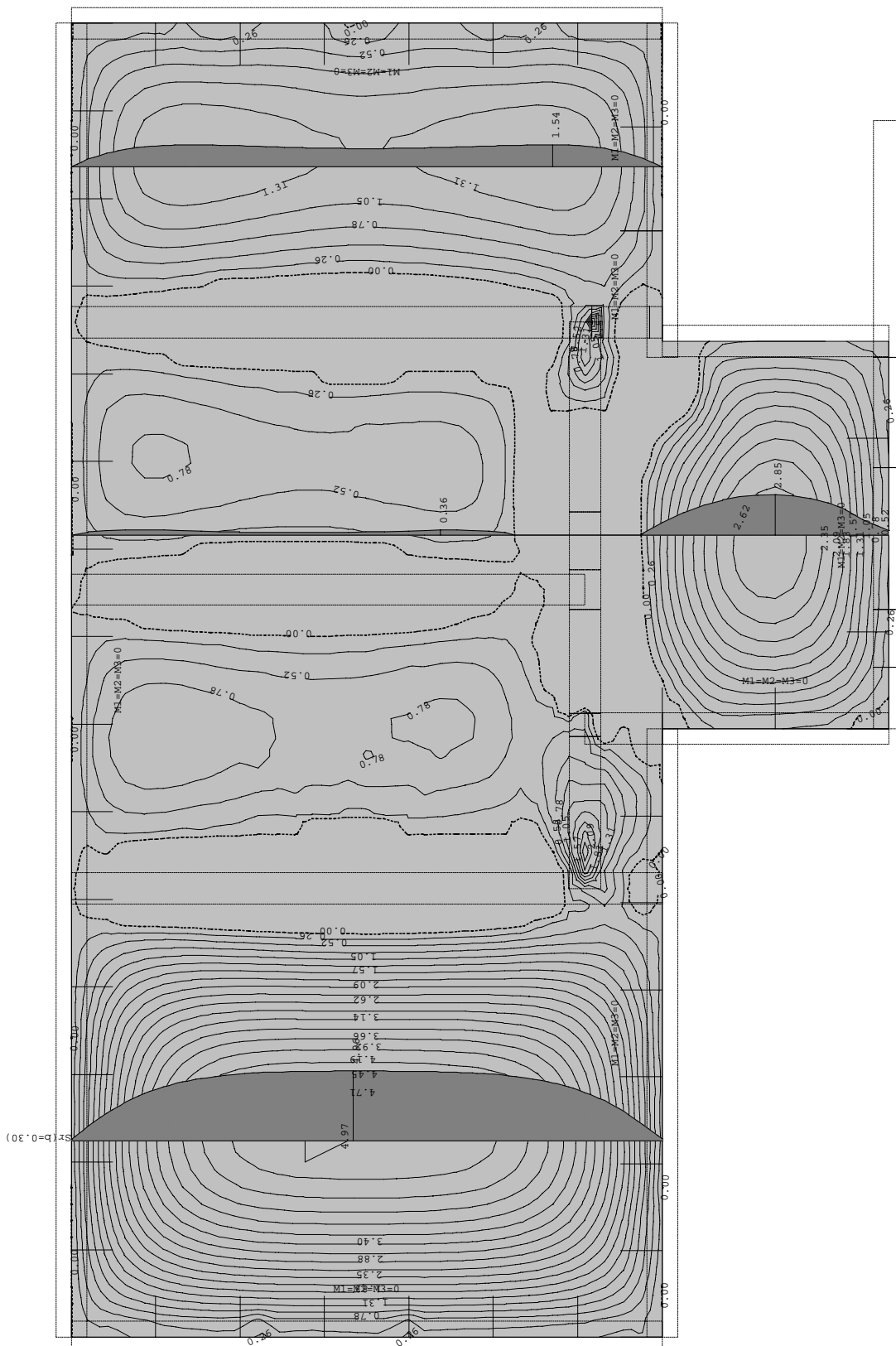
Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.465/10.000 \text{ ‰}$ Az2 = 0.00 cm²/mAs2 = 0.40 cm²/m

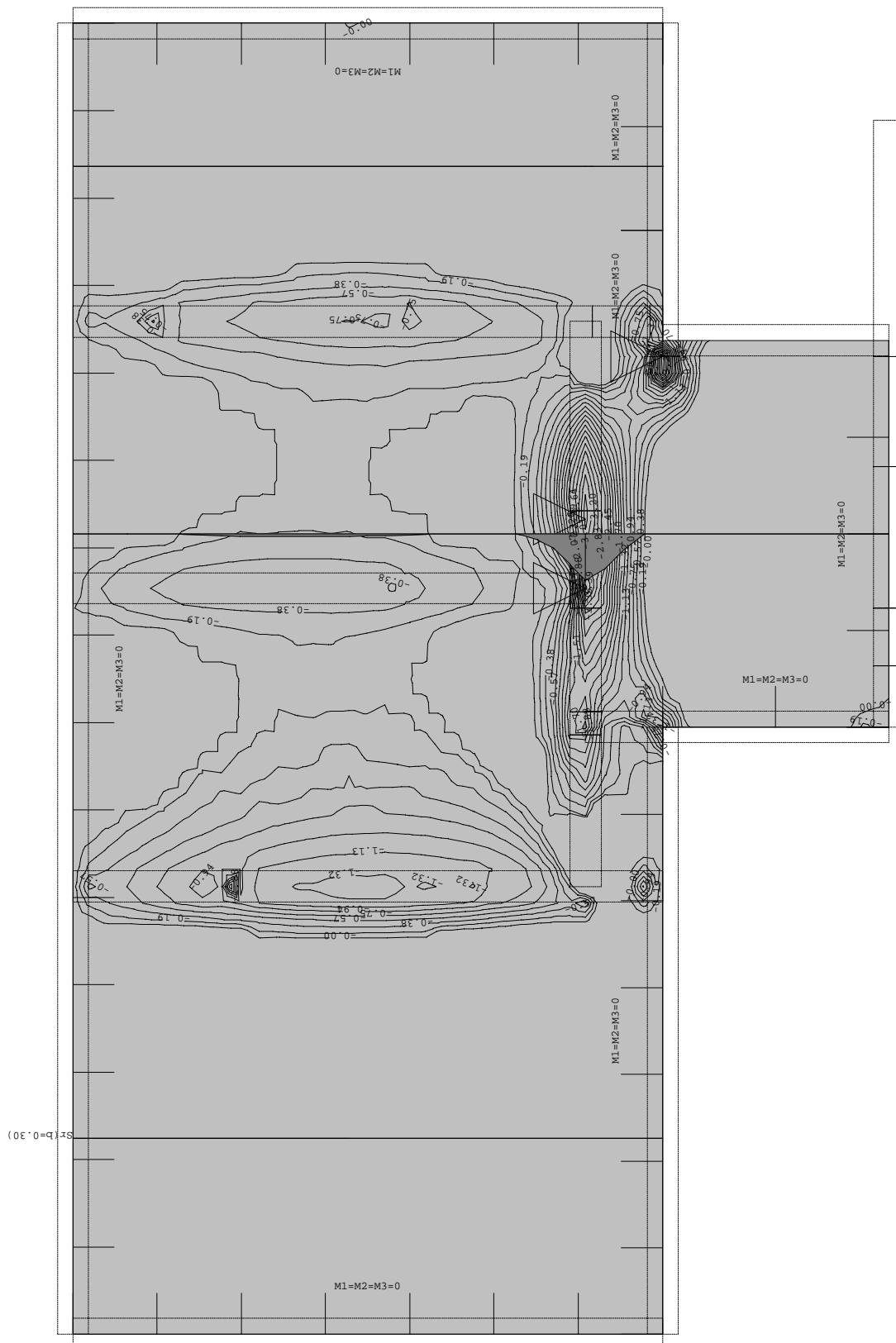
Merodajna obežba : Kompletina shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Merodajna obežba : Kompletina shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



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



Nivo: II etaža [6.62] - EUROCODEC 25 ($d_{pl}=25.0$ cm)Zgornja cona: MAG 500/560 ($a=2.0$ cm)Spodnja cona: MAG 500/560 ($a=2.0$ cm) $X=8.55$ m; $Y=9.63$ m; $Z=6.62$ mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

 $1.35xI+1.50xII+0.90xVI+0.75xX$ $M_u = -94.09$ kNm $N_u = 0.00$ kN $\epsilon_b/\epsilon_a = -2.331/10.000$ ‰ $A_{z1} = 10.15$ cm²/m $A_{s1} = 0.05$ cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

 $1.35xI+1.50xII+0.90xVI+0.75xX$ $M_u = -13.46$ kNm $N_u = 0.00$ kN $\epsilon_b/\epsilon_a = -0.664/10.000$ ‰ $A_{z2} = 1.38$ cm²/m $A_{s2} = 0.00$ cm²/m $X=18.68$ m; $Y=4.32$ m; $Z=6.62$ mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

 $1.35xI+1.50xII+0.90xVII+0.75xX$ $M_u = -41.56$ kNm $N_u = 0.00$ kN $\epsilon_b/\epsilon_a = -1.288/10.000$ ‰ $A_{z1} = 4.33$ cm²/m $A_{s1} = 0.00$ cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

 $1.35xI+1.50xII+0.90xVII+0.75xX$ $M_u = -34.41$ kNm $N_u = 0.00$ kN $\epsilon_b/\epsilon_a = -1.146/10.000$ ‰ $A_{z2} = 3.57$ cm²/m $A_{s2} = 0.00$ cm²/m $X=3.52$ m; $Y=9.97$ m; $Z=6.62$ mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

 $1.35xI+1.50xV+0.90xVI+0.75xX$ $M_u = 81.24$ kNm $N_u = 0.00$ kN $\epsilon_b/\epsilon_a = -2.062/10.000$ ‰ $A_{z1} = 0.00$ cm²/m $A_{s1} = 8.69$ cm²/mSmer 2: ($\alpha=90^\circ$)

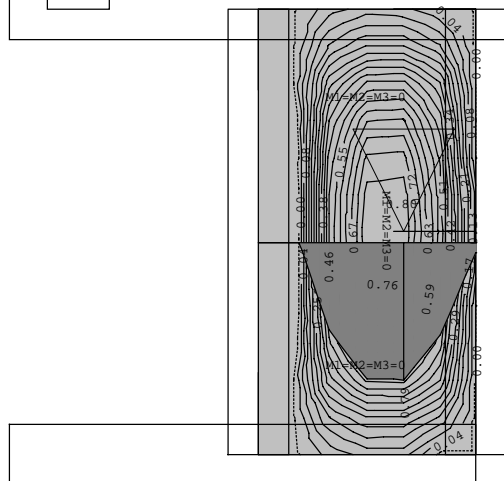
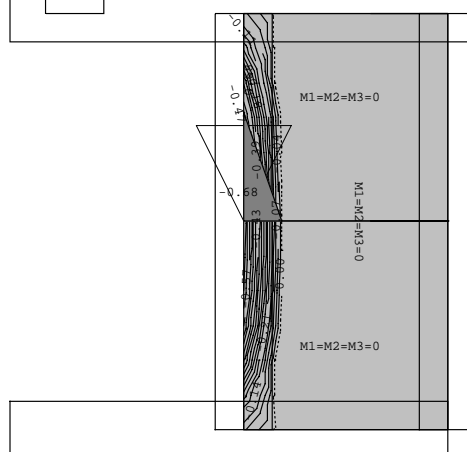
Merodajna kombinacija:

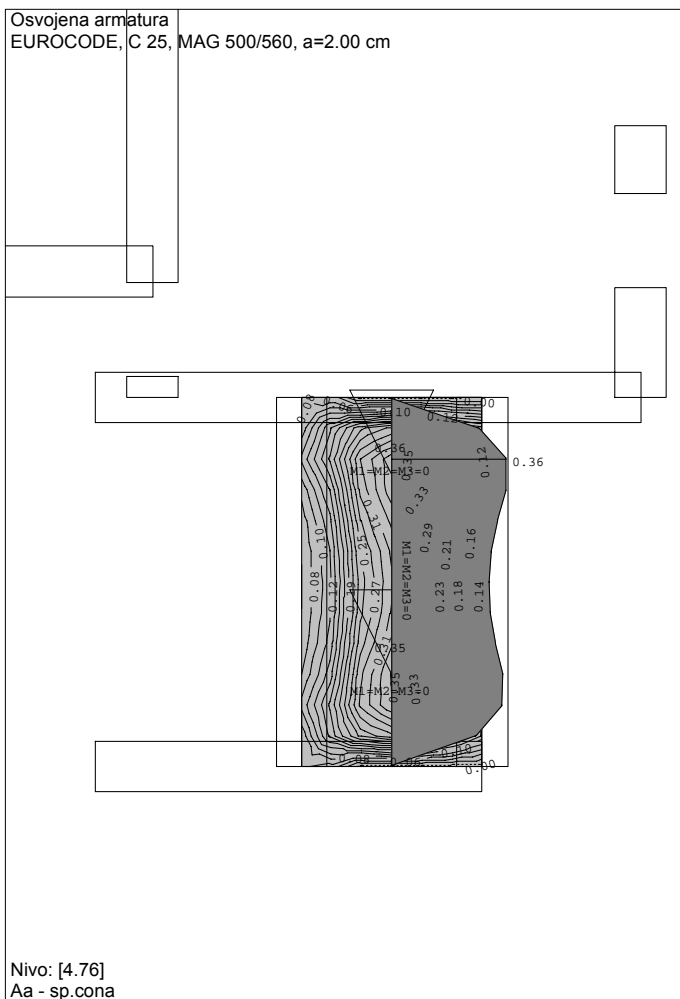
 $1.35xI+1.50xIII+0.90xVII+0.75xX$ $M_u = 47.12$ kNm $N_u = 0.00$ kN $\epsilon_b/\epsilon_a = -1.398/10.000$ ‰ $A_{z2} = 0.00$ cm²/m $A_{s2} = 4.93$ cm²/m $X=3.82$ m; $Y=9.97$ m; $Z=6.62$ mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

 $1.35xI+1.50xIII+0.90xVII+0.75xX$ $M_u = 80.83$ kNm $N_u = 0.00$ kN $\epsilon_b/\epsilon_a = -2.052/10.000$ ‰ $A_{z1} = 0.00$ cm²/m $A_{s1} = 8.64$ cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

 $1.35xI+1.50xIII+0.90xVI$ $M_u = 47.43$ kNm $N_u = 0.00$ kN $\epsilon_b/\epsilon_a = -1.404/10.000$ ‰ $A_{z2} = 0.00$ cm²/m $A_{s2} = 4.97$ cm²/mOsvojena armatura
EUROCODE, C 25, MAG 500/560, $a=2.00$ cmNivo: [4.76]
Aa - sp.conaOsvojena armatura
EUROCODE, C 25, MAG 500/560, $a=2.00$ cmNivo: [4.76]
Aa - zg.cona

**Nivo: [4.76] - EUROCODE**C 25 (d_{pl}=15.0 cm)

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

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

X=21.09 m; Y=2.16 m; Z=4.76 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xIV+0.90xVI+0.75xX

Mu = -3.76 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.617/10.000 \text{ ‰}$ Az1 = 0.68 cm²/mAs1 = 0.00 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xV+0.90xVI+0.75xX

Mu = 0.32 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.169/10.000 \text{ ‰}$ Az2 = 0.00 cm²/mAs2 = 0.06 cm²/mX=22.50 m; Y=2.16 m; Z=4.76 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xV+0.90xVI+0.75xX

Mu = 4.40 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.674/10.000 \text{ ‰}$ Az1 = 0.00 cm²/mAs1 = 0.80 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVI+0.75xX

Mu = 1.60 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.388/10.000 \text{ ‰}$ Az2 = 0.00 cm²/mAs2 = 0.29 cm²/mX=22.14 m; Y=3.24 m; Z=4.76 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xV+0.90xVI+0.75xX

Mu = 3.49 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.592/10.000 \text{ ‰}$ Az1 = 0.00 cm²/mAs1 = 0.63 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

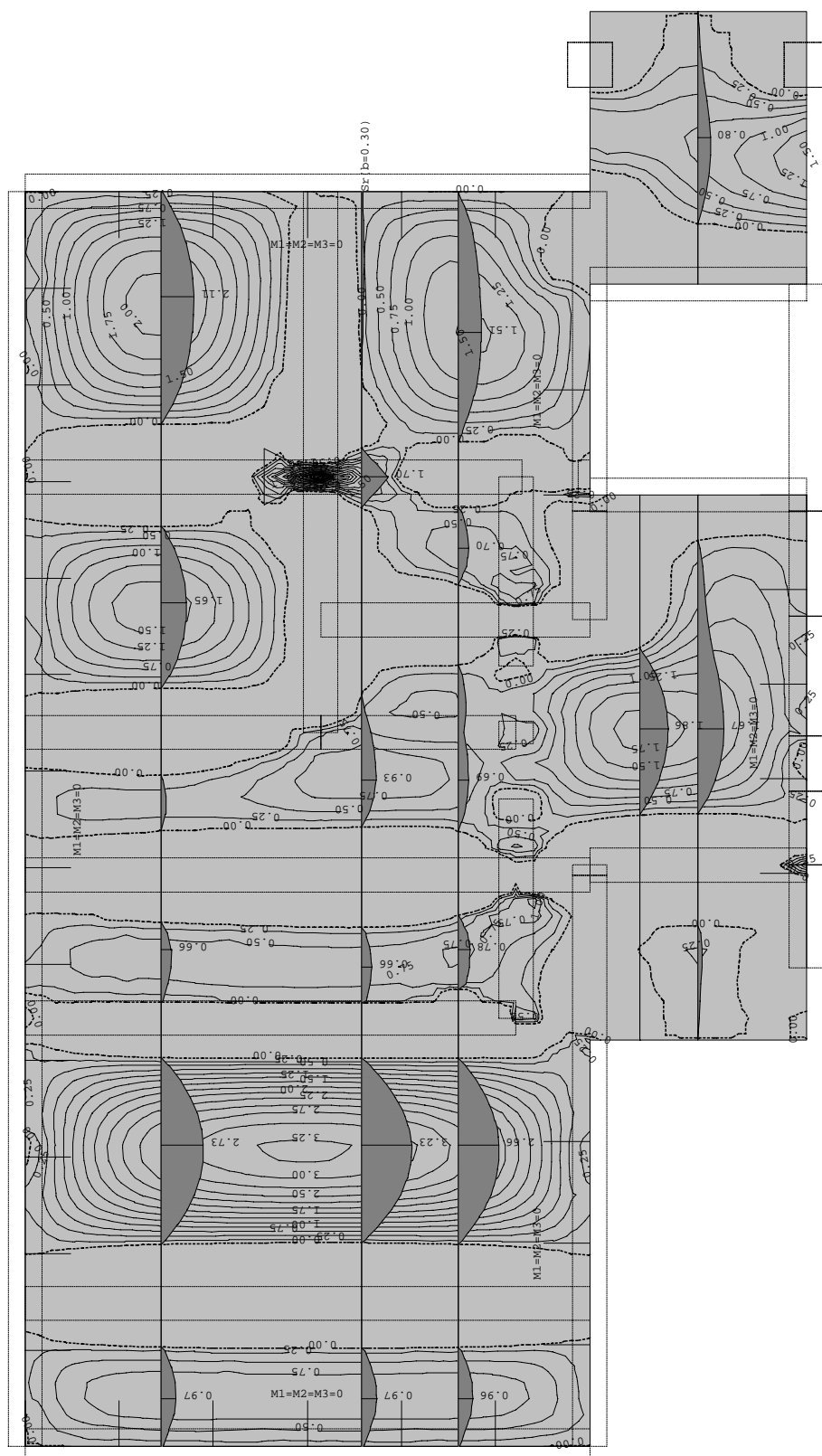
1.35xI+1.50xII+0.90xVI+0.75xX

Mu = 2.02 kNm

Nu = 0.00 kN

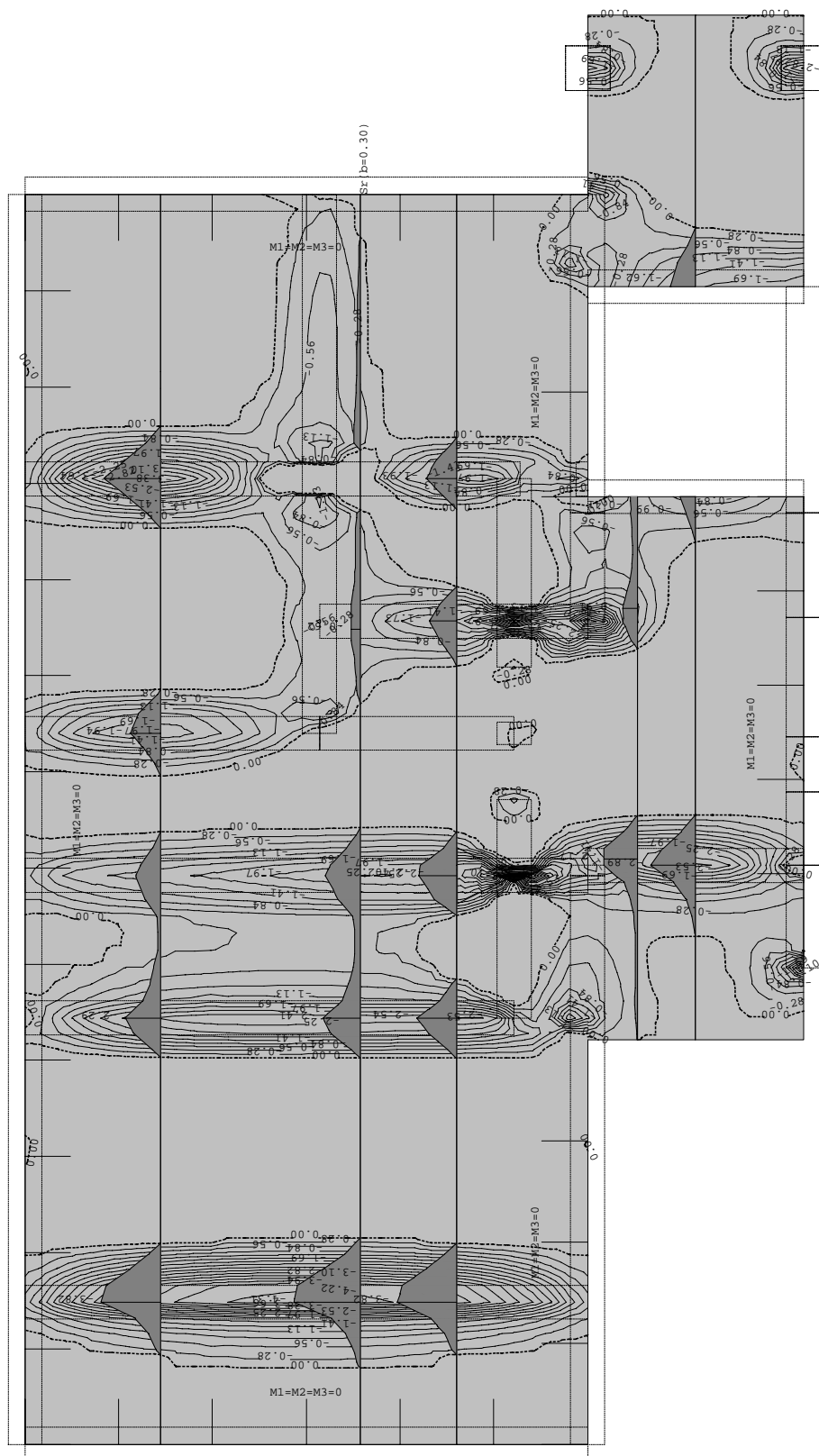
 $\epsilon_b/\epsilon_a = -0.440/10.000 \text{ ‰}$ Az2 = 0.00 cm²/mAs2 = 0.36 cm²/m

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

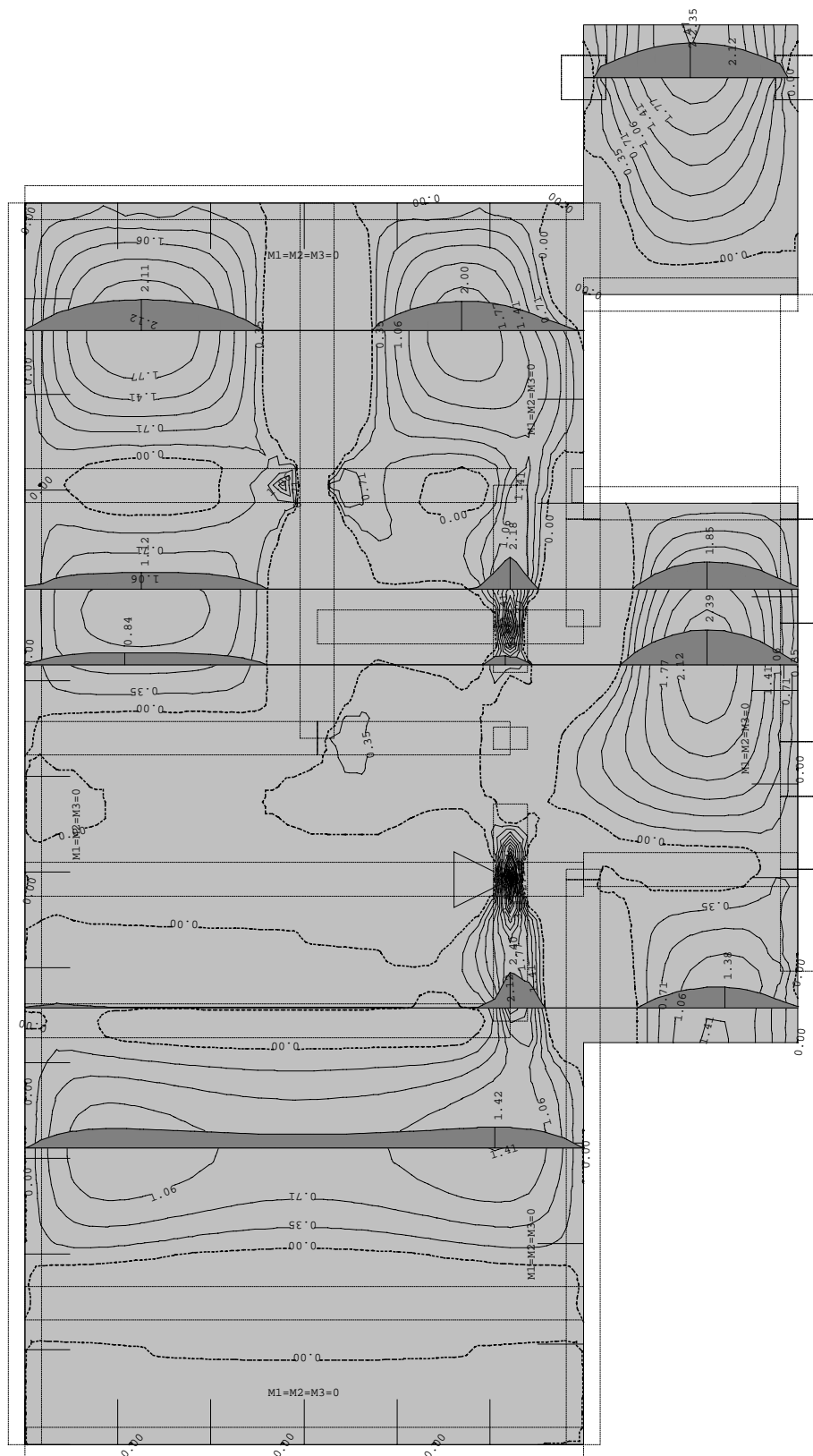


Nivo: I etaža [3.48]
Aa - sp.cona - Smer 1 - max As1= 4.75 cm2/m

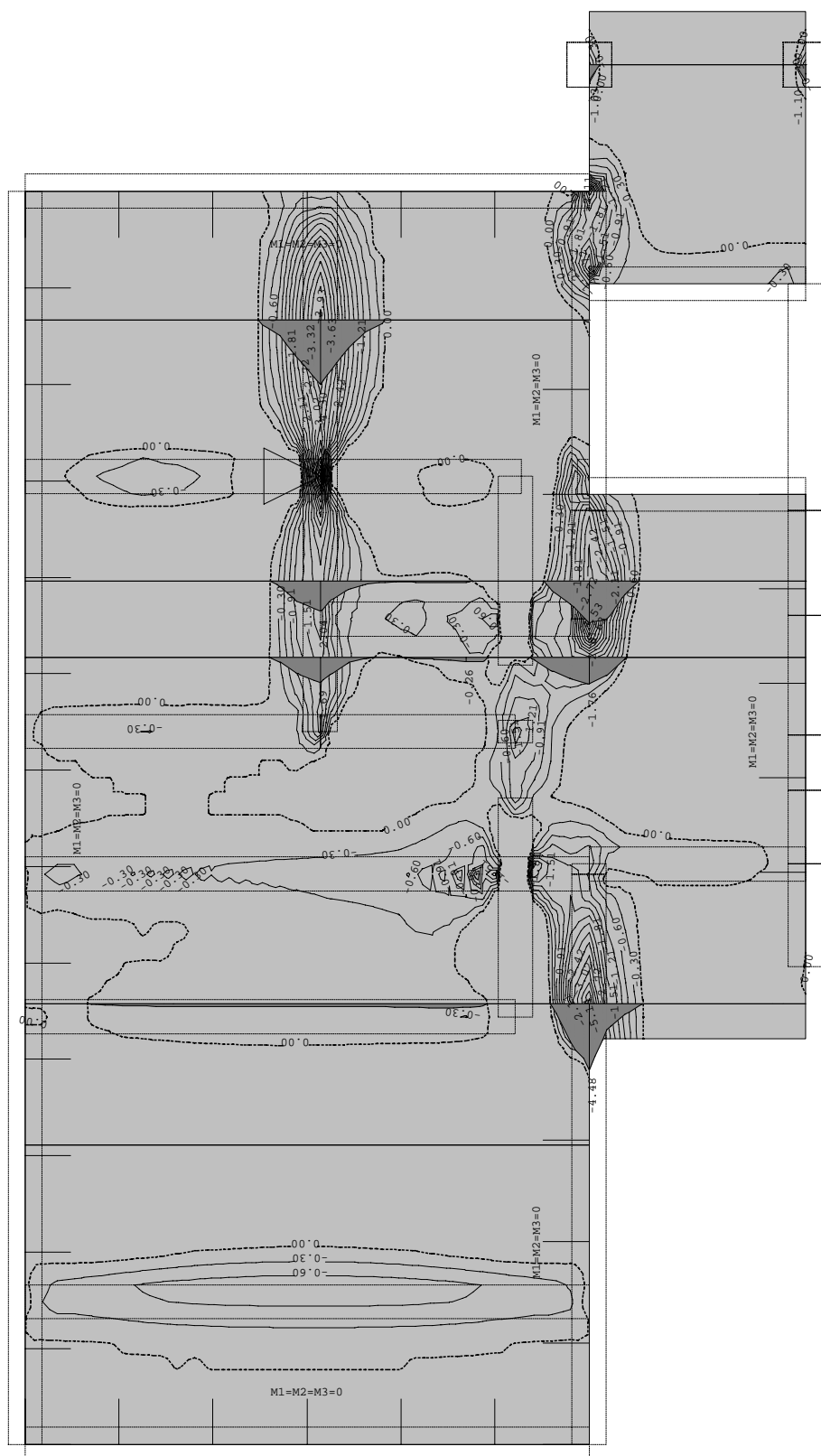
Merodajna obežba : Kompletna shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Merodajna obežba : Kompletina shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Merodajna obežba : Kompletná shema
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Nivo: 1 etaža [3.48]
Aa - zq.cona - Smer 2 - max Az2= -5.73 cm2/m

Nivo: I etaža [3.48] - EUROCODE

C 25 (d,pl=20.0 cm)

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

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

X=11.40 m; Y=5.79 m; Z=3.48 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xIX+0.75xX

Mu = -39.56 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -1.734/10.000 \text{ ‰}$ Az1 = 5.35 cm²/mAs1 = 0.00 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xIX+0.75xX

Mu = 49.10 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -2.040/10.000 \text{ ‰}$ Az2 = 0.00 cm²/mAs2 = 6.70 cm²/mX=19.35 m; Y=9.69 m; Z=3.48 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVI+0.75xX

Mu = 35.29 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -1.600/10.000 \text{ ‰}$ Az1 = 0.00 cm²/mAs1 = 4.75 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

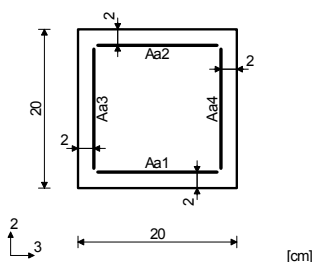
1.35xI+1.50xII+0.90xVI+0.75xX

Mu = -42.30 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -1.820/10.000 \text{ ‰}$ Az2 = 5.73 cm²/mAs2 = 0.00 cm²/m**AB steber na vhodu (izberem min. armaturo)****Greda 15269-11835 C 25 (RA 400/500)**

EUROCODE

li,2 = 3.48 m ($\lambda,2 = 60.28$)li,3 = 3.48 m ($\lambda,3 = 60.28$)

Nepomična konstrukcija

x = 0.00m

Merodajna kombinacija za upogib:

1.35xI+1.05xII+0.90xIX+1.50xX

N1u = -64.77 kN

M2u = 5.90 kNm

M3u = -0.68 kNm

Merodajna kombinacija za strig:

1.35xI+1.05xII+0.90xVI+1.50xX

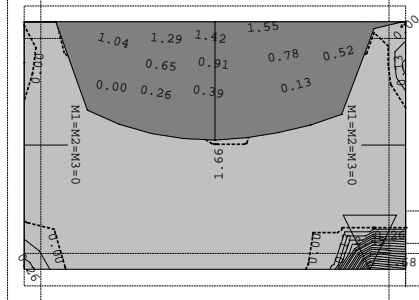
T2u = -0.30 kN

T3u = -2.53 kN

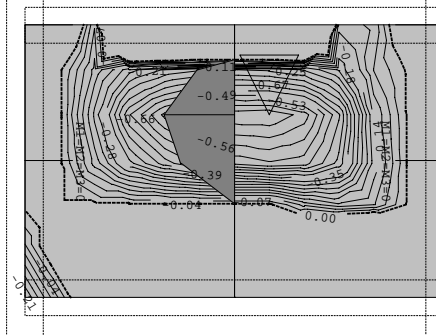
M1u = 0.00 kNm

 $\epsilon_b/\epsilon_a = -2.681/10.000 \text{ ‰}$ Aa1 = 0.02 cm²Aa2 = 0.02 cm²Aa3 = 0.02 cm²Aa4 = 0.02 cm²Aa,st = 0.00 cm²/m (m=2)**Stopniščna poševnina**

Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm

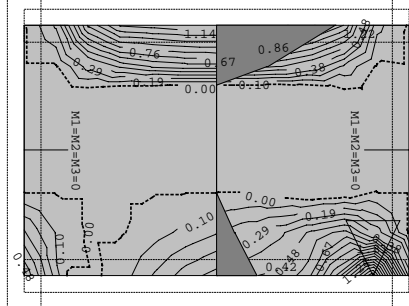


Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Pogled: r3
Aa - zg.cona

Osvojena armatura
EUROCODE, C 25, MAG 500/560, a=2.00 cm



Pogled: r3
Aa - sp.cona

Pogled: r3 - EUROCODE

C 25 (d,pl=15.0 cm)

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

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

X=18.99 m; Y=4.32 m; Z=6.62 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVIII+0.75xX

Mu = -1.44 kNm

Nu = 220.79 kN

 $\epsilon_b/\epsilon_a = 0.363/10.000 \text{ ‰}$ Az1 = 3.34 cm²/mAs1 = 2.24 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xV+0.90xVIII

Mu = 2.64 kNm

Nu = -2.35 kN

 $\epsilon_b/\epsilon_a = -0.522/10.000 \text{ ‰}$ Az2 = 0.00 cm²/mAs2 = 0.44 cm²/mX=20.40 m; Y=2.52 m; Z=5.37 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xV+0.90xVI

Mu = -0.76 kNm

Nu = 19.71 kN

 $\epsilon_b/\epsilon_a = -0.022/10.000 \text{ ‰}$ Az1 = 0.39 cm²/mAs1 = 0.10 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

1.35xI+1.50xIV+0.90xIX+0.75xX

Mu = -2.00 kNm

Nu = 23.58 kN

 $\epsilon_b/\epsilon_a = -0.253/10.000 \text{ ‰}$ Az2 = 0.67 cm²/mAs2 = 0.00 cm²/mX=18.99 m; Y=3.91 m; Z=6.62 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.50xII+0.90xVII+0.75xX

Mu = 2.76 kNm

Nu = 142.45 kN

 $\epsilon_b/\epsilon_a = 0.504/10.000 \text{ ‰}$ Az1 = 1.06 cm²/mAs1 = 2.45 cm²/mSmer 2: ($\alpha=90^\circ$)

Merodajna kombinacija:

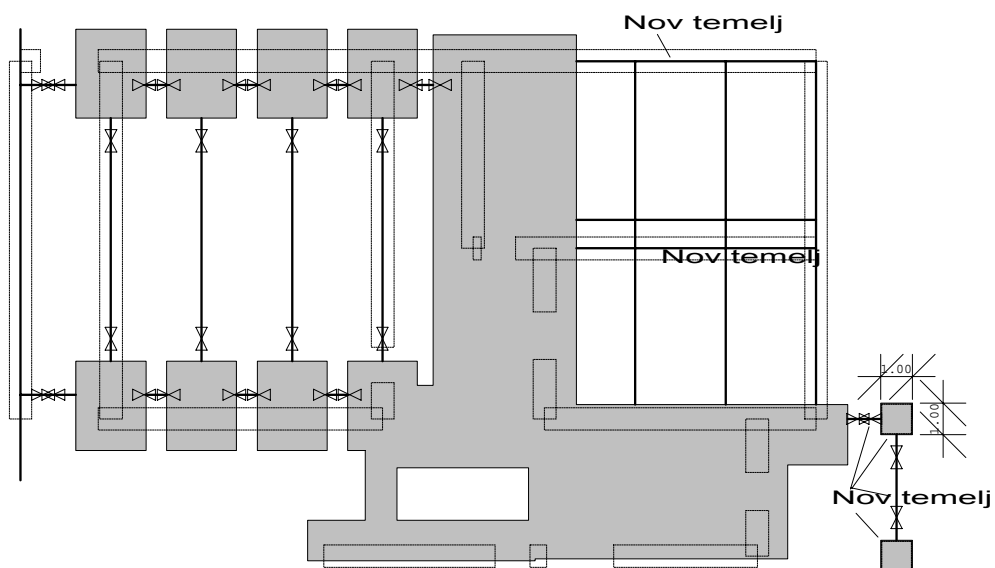
1.35xI+1.50xII+0.90xIX+0.75xX

Mu = 4.54 kNm

Nu = 75.54 kN

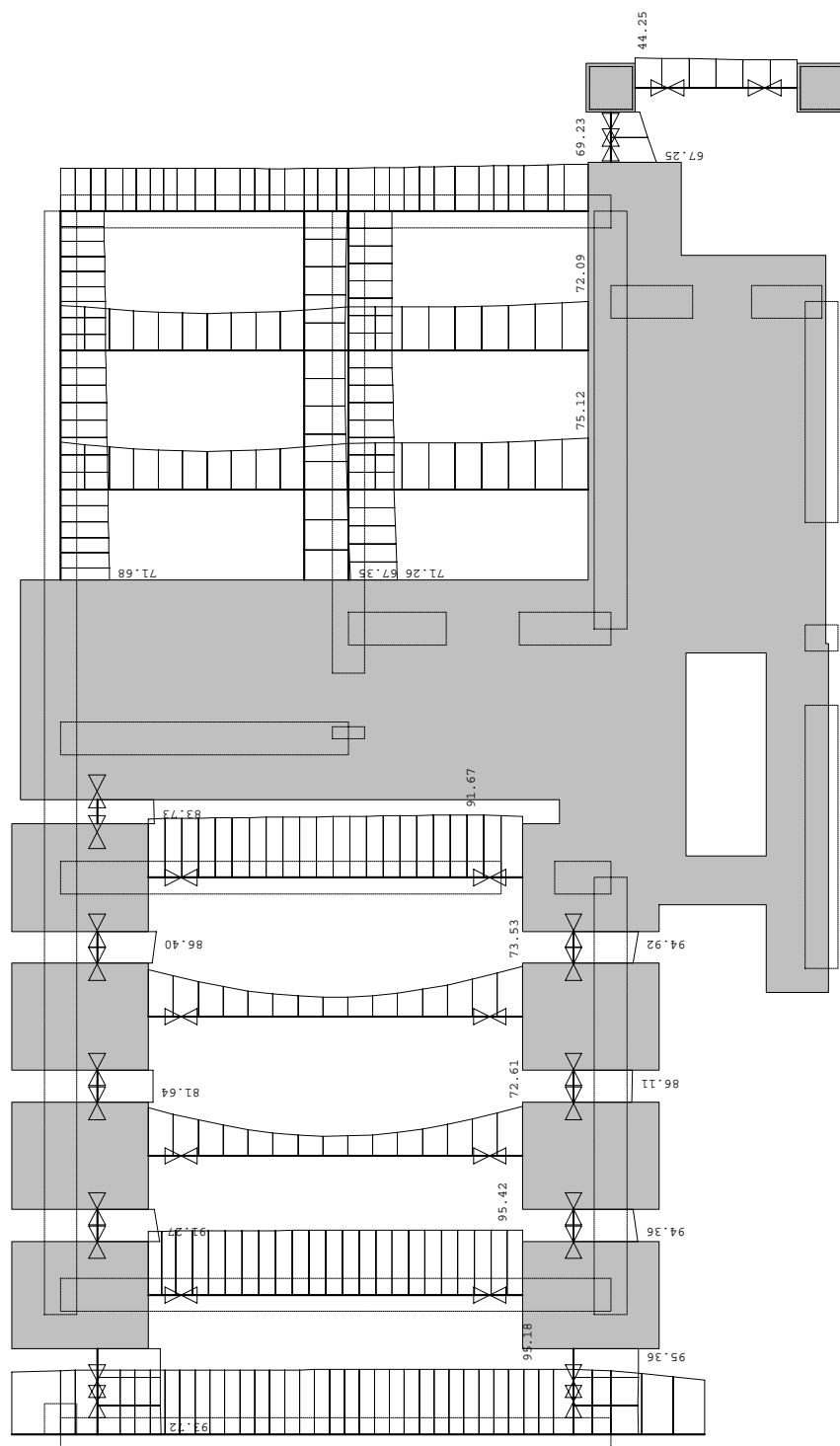
 $\epsilon_b/\epsilon_a = -0.191/10.000 \text{ ‰}$ Az2 = 0.00 cm²/mAs2 = 1.81 cm²/m

Dimenzioniranje temeljev



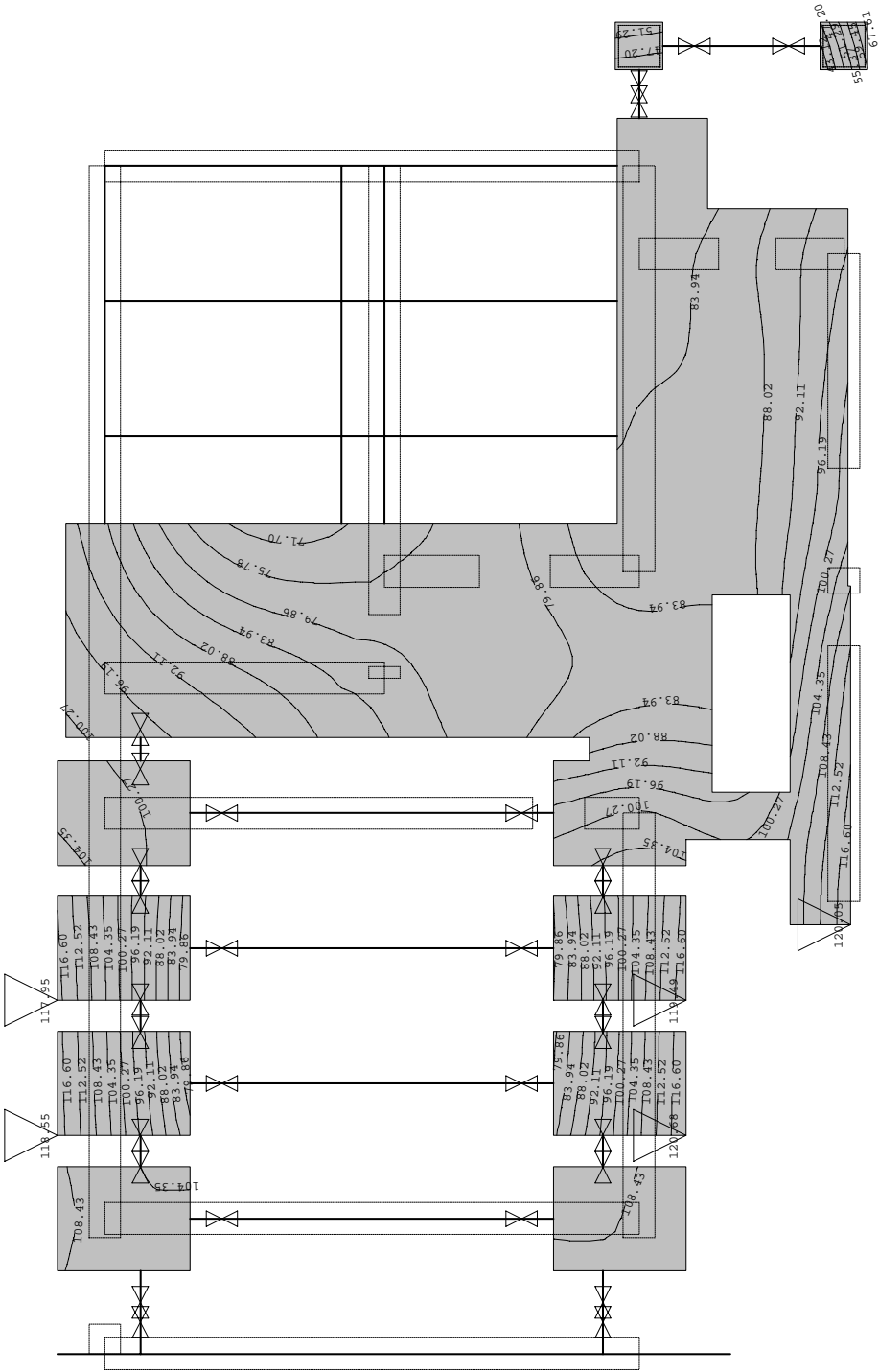
Nivo: Temelji [0.00]

Statični preračun



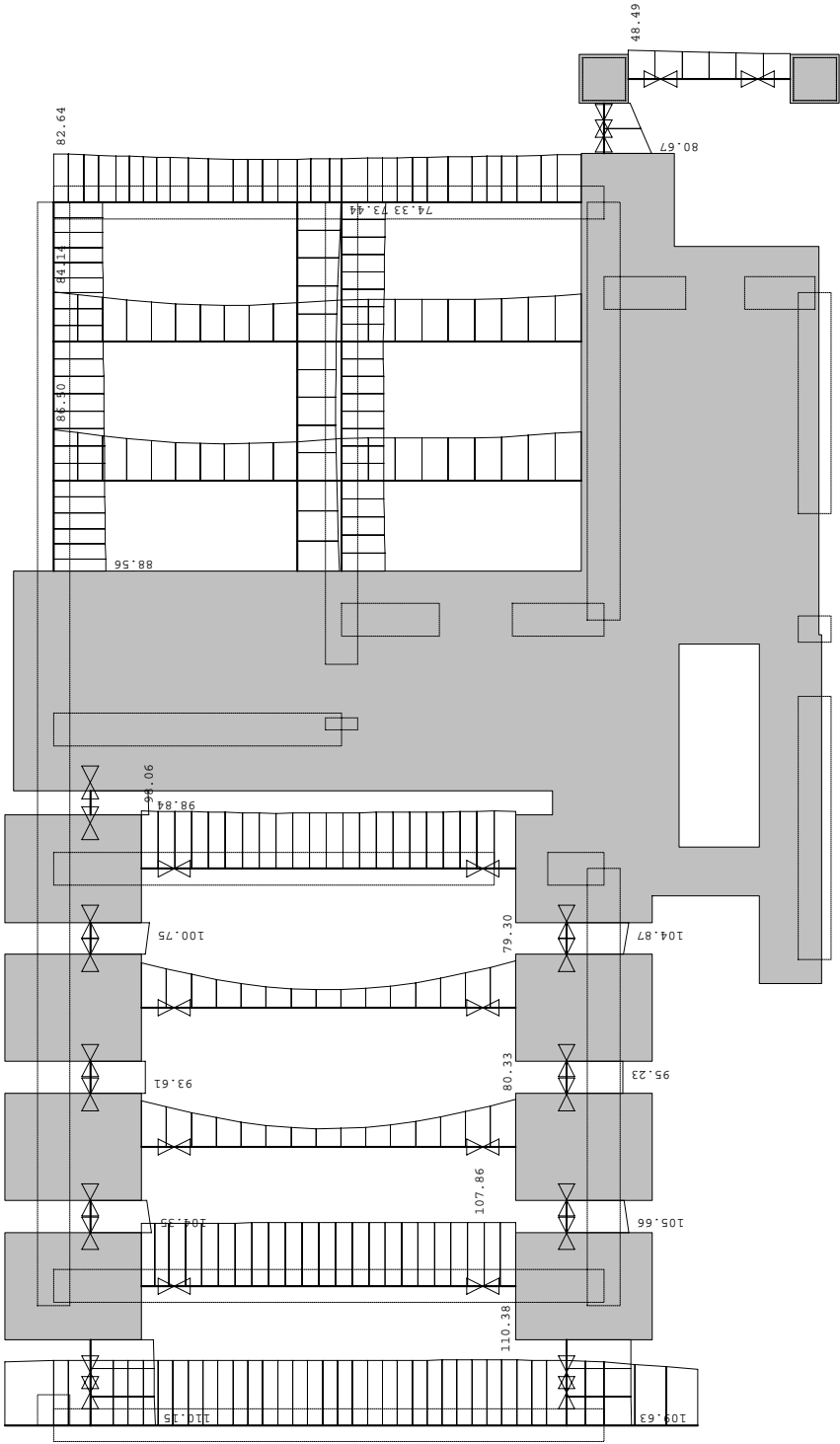
Ovo: 13-17

Ovo: 18,19

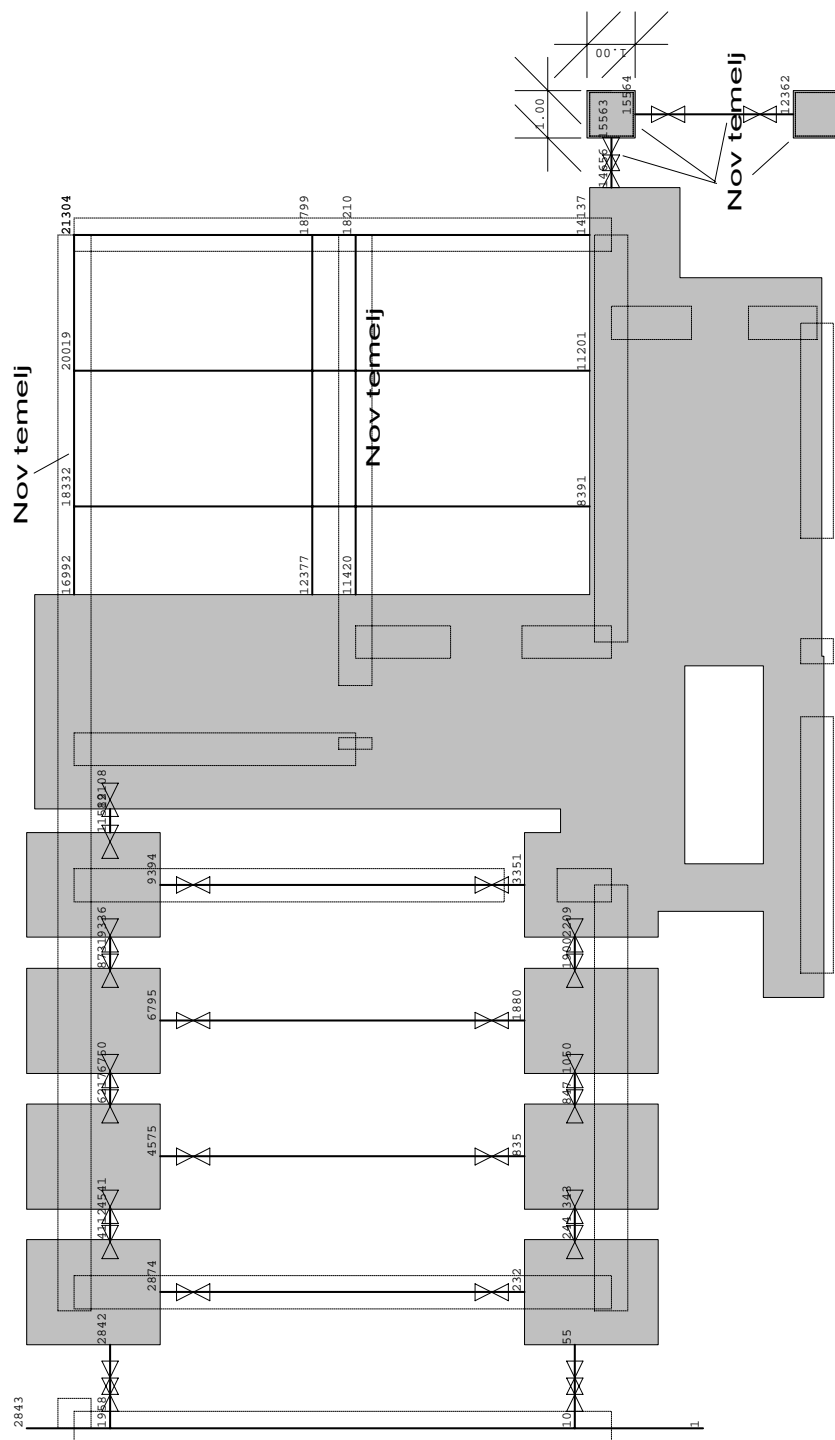


Nivo: Temelji [0.00] $\sigma_{dop, tal} = 300 \text{ kN/m}^2$
Vplivi v pov. podpori: max $\sigma_{tal} = 120.68 / \text{min } \sigma_{tal} = 0.00 \text{ kN/m}^2$

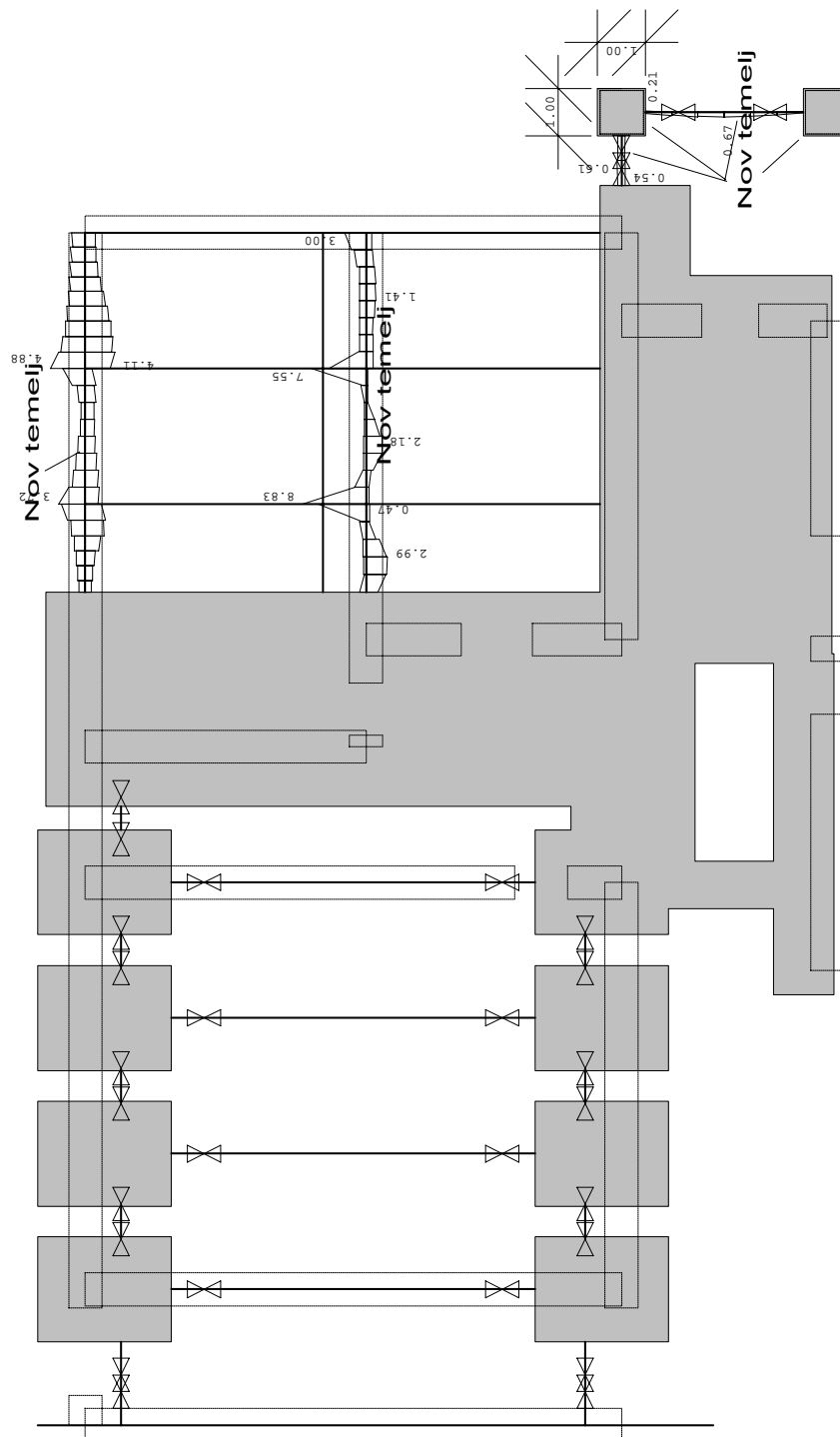
Ovo: 18,19



Nivo: Temeљи [0.00] $\sigma_{dop,tal} = 300 \text{ kN/m}^2$
Vplivi v lin. podpori: max $\sigma_{tal} = 110.38 / \text{min } \sigma_{tal} = 29.14 \text{ kN/m}^2$

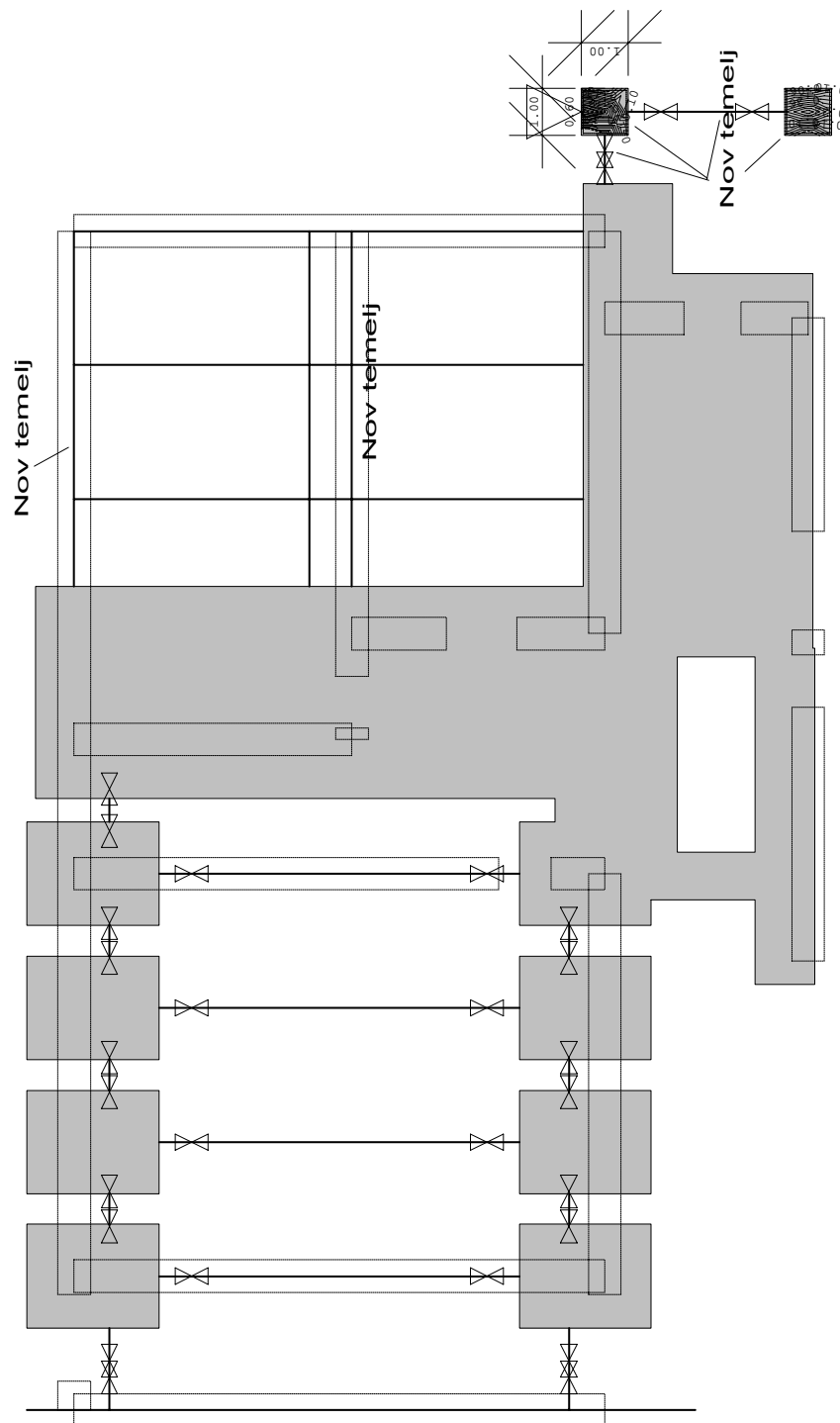


Dimenzioniranje (beton)

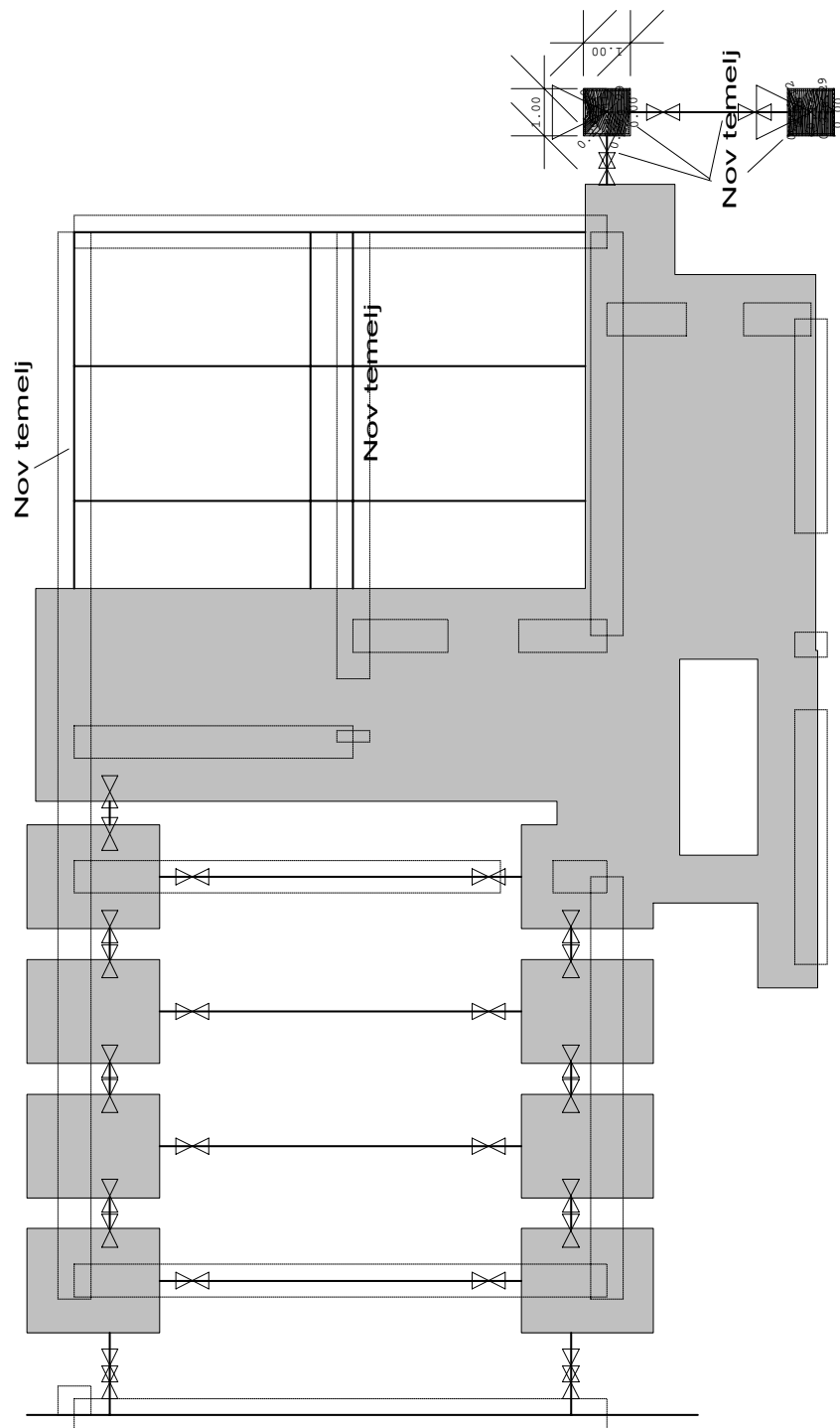


Merodajna obtežba : Kompletna shema
EUROCODE, C 25, RA 400/500

EUROCODE, C 25, MAG 500/560, $a=2.00$ cm



Nivo: Temelji [0.00]
Aa - sp.cona - Smer 1 - max As1 = 0.60 cm²/m



EUROCODE, C 25, MAG 500/560, a=2.00 cm

Tower - 3D Model Builder 5.5

Registered to Biro Udovč s.p.

Radimpex - www.radimpex.co.yu

Nivo: Temelji [0.00]
Aa - sp.cona - Smer 2 - max As2= 0.56 cm2/m

Nivo: Temelji [0.00] - EUROCODE

C 25 (d,pl=50.0 cm)

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

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

X=27.08 m; Y=4.82 m; Z=0.00 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.05xII+0.90xVII+1.50xX

Mu = -4.78 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.176/10.000\text{‰}$

Az1 = 0.23 cm2/m

As1 = 0.00 cm2/m

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

Merodajna kombinacija:

1.35xI+1.05xII+0.90xVII+1.50xX

Mu = 5.37 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.187/10.000\text{‰}$

Az2 = 0.00 cm2/m

As2 = 0.26 cm2/m

X=27.08 m; Y=3.82 m; Z=0.00 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.05xII+0.90xVII+1.50xX

Mu = 6.34 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.203/10.000\text{‰}$

Az1 = 0.00 cm2/m

As1 = 0.31 cm2/m

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

Merodajna kombinacija:

1.35xI+1.05xII+0.90xVII+1.50xX

Mu = -2.72 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.132/10.000\text{‰}$

Az2 = 0.13 cm2/m

As2 = 0.00 cm2/m

X=27.58 m; Y=4.82 m; Z=0.00 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.05xII+0.90xVI+1.50xX

Mu = 12.37 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.288/10.000\text{‰}$

Az1 = 0.00 cm2/m

As1 = 0.60 cm2/m

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

Merodajna kombinacija:

1.35xI+1.05xII+0.90xVI+1.50xX

Mu = -2.24 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.120/10.000\text{‰}$

Az2 = 0.11 cm2/m

As2 = 0.00 cm2/m

X=27.58 m; Y=4.32 m; Z=0.00 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.05xII+0.90xVI+1.50xX

Mu = 8.96 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.243/10.000\text{‰}$

Az1 = 0.00 cm2/m

As1 = 0.43 cm2/m

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

Merodajna kombinacija:

1.35xI+1.05xII+0.90xVI+1.50xX

Mu = 11.00 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.271/10.000\text{‰}$

Az2 = 0.00 cm2/m

As2 = 0.53 cm2/m

C 25 (d,pl=50.0 cm)

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

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

X=27.08 m; Y=-0.00 m; Z=0.00 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.05xII+0.90xVI+1.50xX

Mu = -1.53 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.099/10.000\text{‰}$

Az1 = 0.07 cm2/m

As1 = 0.00 cm2/m

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

Merodajna kombinacija:

1.35xI+1.05xII+0.90xVI+1.50xX

Mu = 11.19 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.273/10.000\text{‰}$

Az2 = 0.00 cm2/m

As2 = 0.54 cm2/m

X=27.58 m; Y=0.50 m; Z=0.00 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.05xII+0.90xVI+1.50xX

Mu = 5.82 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.195/10.000\text{‰}$

Az1 = 0.00 cm2/m

As1 = 0.28 cm2/m

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

Merodajna kombinacija:

1.35xI+1.05xII+0.90xVI+1.50xX

Mu = -1.16 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.085/10.000\text{‰}$

Az2 = 0.06 cm2/m

As2 = 0.00 cm2/m

X=27.58 m; Y=-0.00 m; Z=0.00 mSmer 1: ($\alpha=0^\circ$)

Merodajna kombinacija:

1.35xI+1.05xII+0.90xVI+1.50xX

Mu = 7.84 kNm

Nu = 0.00 kN

 $\epsilon_b/\epsilon_a = -0.227/10.000\text{‰}$

Az1 = 0.00 cm2/m

As1 = 0.38 cm2/m

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

Merodajna kombinacija:

1.35xI+1.05xIV+0.90xVI+1.50xX

Mu = 11.49 kNm

Nu = 0.00 kN

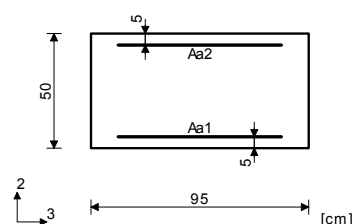
 $\epsilon_b/\epsilon_a = -0.277/10.000\text{‰}$

Az2 = 0.00 cm2/m

As2 = 0.56 cm2/m

Greda 16992-21304 C 25 (RA 400/500)

EUROCODE

x = 4.70m

Merodajna kombinacija za upogib:

1.35xI+1.50xII+0.90xVII+0.75xX

N1u = 13.48 kN

M2u = 0.00 kNm

M3u = -20.60 kNm

Merodajna kombinacija za torzijo:

1.35xI+1.50xII+0.90xVIII+0.75xX

M1u = 92.79 kNm

Merodajna kombinacija za strig:

1.35xI+1.50xII+0.90xVIII+0.75xX

T2u = -65.98 kN

T3u = 6.11 kN

M1u = 92.79 kNm

 $\epsilon_b/\epsilon_a = -0.397/10.000\text{‰}$

Aa1 = 0.18 + 3.33 = 3.51 cm2

Aa2 = 1.54 + 3.33 = 4.88 cm2

Aa3 = 0.00 + 1.57 = 1.57 cm2

Aa4 = 0.00 + 1.57 = 1.57 cm2

Aa,st = 3.92 cm2/m (m=2)

Merodajna kombinacija za torzijo:

1.35xI+1.50xII+0.90xVIII+0.75xX

M1u = 92.79 kNm

Merodajna kombinacija za strig:

1.35xI+1.50xII+0.90xVIII+0.75xX

T2u = -60.64 kN

T3u = 6.11 kN

M1u = 92.79 kNm

 $\epsilon_b/\epsilon_a = 0.219/10.000\text{‰}$

Aa1 = 0.77 + 3.33 = 4.11 cm2

Aa2 = 0.34 + 3.33 = 3.67 cm2

Aa3 = 0.00 + 1.57 = 1.57 cm2

Aa4 = 0.00 + 1.57 = 1.57 cm2

Aa,st = 3.92 cm2/m (m=2)

x = 5.03m

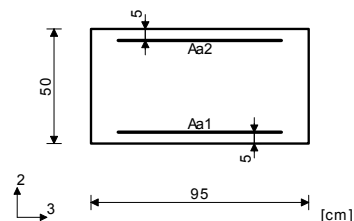
Merodajna kombinacija za upogib:

I+0.60xII+XII

N1u = 31.89 kN

M2u = 0.00 kNm

M3u = 1.71 kNm

Greda 11420-18210 C 25 (RA 400/500)
 EUROCODE

 $x = 0.74m$

Merodajna kombinacija za upogib:

 $1.35xI + 1.50xII + 0.90xVIII + 0.75xX$
 $N1u = 43.39 \text{ kN}$
 $M2u = 0.00 \text{ kNm}$
 $M3u = 30.51 \text{ kNm}$

Merodajna kombinacija za torzijo:

 $I+XII$
 $M1u = 9.29 \text{ kNm}$

Merodajna kombinacija za strig:

 $I+XII$
 $T2u = -0.19 \text{ kN}$
 $T3u = -2.54 \text{ kN}$
 $M1u = 9.29 \text{ kNm}$
 $eb/ea = -0.427/10.000 \text{ ‰}$
 $Aa1 = 2.66 + 0.33 = 2.99 \text{ cm}^2$
 $Aa2 = 0.00 + 0.33 = 0.33 \text{ cm}^2$
 $Aa3 = 0.00 + 0.16 = 0.16 \text{ cm}^2$
 $Aa4 = 0.00 + 0.16 = 0.16 \text{ cm}^2$
 $Aa, st = 0.39 \text{ cm}^2/m \quad (m=2)$
 $x = 1.85m$

Merodajna kombinacija za upogib:

 $1.35xI + 1.50xII + 0.90xVII + 0.75xX$
 $N1u = -84.60 \text{ kN}$
 $M2u = 0.00 \text{ kNm}$
 $M3u = -145.35 \text{ kNm}$

Merodajna kombinacija za torzijo:

 $1.35xI + 1.50xII + 0.90xVIII + 0.75xX$
 $M1u = -11.89 \text{ kNm}$

Merodajna kombinacija za strig:

 $1.35xI + 1.50xII + 0.90xVIII + 0.75xX$
 $T2u = -310.66 \text{ kN}$
 $T3u = -10.26 \text{ kN}$
 $M1u = -11.89 \text{ kNm}$
 $eb/ea = -1.350/10.000 \text{ ‰}$
 $Aa1 = 0.00 + 0.43 = 0.43 \text{ cm}^2$
 $Aa2 = 8.41 + 0.43 = 8.83 \text{ cm}^2$
 $Aa3 = 0.00 + 0.20 = 0.20 \text{ cm}^2$
 $Aa4 = 0.00 + 0.20 = 0.20 \text{ cm}^2$
 $Aa, st = 11.53 \text{ cm}^2/m \quad (m=2)$
 $x = 4.70m$

Merodajna kombinacija za upogib:

 $1.35xI + 1.50xII + 0.90xVII + 0.75xX$
 $N1u = -217.39 \text{ kN}$
 $M2u = 0.00 \text{ kNm}$
 $M3u = -112.95 \text{ kNm}$

Merodajna kombinacija za torzijo:

 $1.35xI + 1.50xII + 0.90xVIII + 0.75xX$
 $M1u = -27.11 \text{ kNm}$

Merodajna kombinacija za strig:

 $1.35xI + 1.50xII + 0.90xVIII + 0.75xX$
 $T2u = -247.73 \text{ kN}$
 $T3u = -1.23 \text{ kN}$
 $M1u = -27.11 \text{ kNm}$
 $eb/ea = -1.318/10.000 \text{ ‰}$
 $Aa1 = 0.00 + 0.97 = 0.97 \text{ cm}^2$
 $Aa2 = 4.18 + 0.97 = 5.15 \text{ cm}^2$
 $Aa3 = 0.00 + 0.46 = 0.46 \text{ cm}^2$
 $Aa4 = 0.00 + 0.46 = 0.46 \text{ cm}^2$
 $Aa, st = 9.94 \text{ cm}^2/m \quad (m=2)$
 $x = 4.70m$

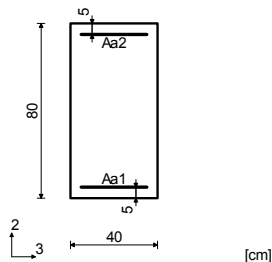
Merodajna kombinacija za upogib:

 $1.35xI + 1.50xII + 0.90xVIII + 0.75xX$
 $N1u = -231.88 \text{ kN}$
 $M2u = 0.00 \text{ kNm}$
 $M3u = -161.85 \text{ kNm}$

Merodajna kombinacija za torzijo:

 $1.35xI + 1.50xIII + 0.90xIX + 0.75xX$
 $M1u = -5.76 \text{ kNm}$

Merodajna kombinacija za strig:

 $1.35xI + 1.50xII + 0.90xVII + 0.75xX$
 $T2u = 322.26 \text{ kN}$
 $T3u = -8.38 \text{ kN}$
 $M1u = -5.11 \text{ kNm}$
 $eb/ea = -1.594/10.000 \text{ ‰}$
 $Aa1 = 0.00 + 0.21 = 0.21 \text{ cm}^2$
 $Aa2 = 7.35 + 0.21 = 7.55 \text{ cm}^2$
 $Aa3 = 0.00 + 0.10 = 0.10 \text{ cm}^2$
 $Aa4 = 0.00 + 0.10 = 0.10 \text{ cm}^2$
 $Aa, st = 11.65 \text{ cm}^2/m \quad (m=2)$
Greda 15564-12362 C 25 (RA 400/500)
 EUROCODE

 $x = 0.00m$

Merodajna kombinacija za upogib:

 $I+0.60xV+XII$
 $N1u = 12.21 \text{ kN}$
 $M2u = 0.00 \text{ kNm}$
 $M3u = 0.00 \text{ kNm}$

Merodajna kombinacija za torzijo:

 $1.35xI + 1.50xII + 0.90xVI + 0.75xX$
 $M1u = 1.78 \text{ kNm}$

Merodajna kombinacija za strig:

 $1.35xI + 1.50xII + 0.90xVI + 0.75xX$
 $T2u = 12.75 \text{ kN}$
 $T3u = 0.77 \text{ kN}$
 $M1u = 1.78 \text{ kNm}$
 $eb/ea = 10.000/10.000 \text{ ‰}$
 $Aa1 = 0.21 \text{ cm}^2$
 $Aa2 = 0.21 \text{ cm}^2$
 $Aa3 = 0.09 \text{ cm}^2$
 $Aa4 = 0.09 \text{ cm}^2$
 $Aa, st = 0.12 \text{ cm}^2/m \quad (m=2)$
 $x = 1.66m$

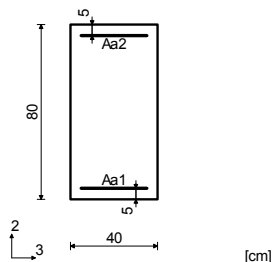
Merodajna kombinacija za upogib:

 $1.35xI + 1.05xIV + 0.90xVII + 1.50xX$
 $N1u = -0.67 \text{ kN}$
 $M2u = 0.00 \text{ kNm}$
 $M3u = -16.57 \text{ kNm}$

Merodajna kombinacija za torzijo:

 $1.35xI + 1.50xII + 0.90xVI + 0.75xX$
 $M1u = 1.78 \text{ kNm}$

Merodajna kombinacija za strig:

 $1.35xI + 1.50xII + 0.90xVI + 0.75xX$
 $T2u = 5.80 \text{ kN}$
 $T3u = 0.43 \text{ kN}$
 $M1u = 1.78 \text{ kNm}$
 $eb/ea = -0.343/10.000 \text{ ‰}$
 $Aa1 = 0.04 \text{ cm}^2$
 $Aa2 = 0.67 \text{ cm}^2$
 $Aa3 = 0.09 \text{ cm}^2$
 $Aa4 = 0.09 \text{ cm}^2$
 $Aa, st = 0.12 \text{ cm}^2/m \quad (m=2)$
Greda 15563-14656 C 25 (RA 400/500)
 EUROCODE

 $x = 0.00m$

Merodajna kombinacija za upogib:

 $I+0.60xV+XI$
 $N1u = 16.53 \text{ kN}$
 $M2u = 0.00 \text{ kNm}$
 $M3u = 0.00 \text{ kNm}$

Merodajna kombinacija za torzijo:

 $1.35xI + 1.05xII + 0.90xVII + 1.50xX$
 $M1u = -12.39 \text{ kNm}$

Merodajna kombinacija za strig:

 $1.35xI + 1.05xII + 0.90xVII + 1.50xX$
 $T2u = 1.92 \text{ kN}$
 $T3u = -2.69 \text{ kN}$
 $M1u = -12.39 \text{ kNm}$
 $eb/ea = 1.148/10.000 \text{ ‰}$
 $Aa1 = 0.24 + 0.25 = 0.49 \text{ cm}^2$
 $Aa2 = 0.24 + 0.25 = 0.49 \text{ cm}^2$
 $Aa3 = 0.00 + 0.59 = 0.59 \text{ cm}^2$
 $Aa4 = 0.00 + 0.59 = 0.59 \text{ cm}^2$
 $Aa, st = 0.85 \text{ cm}^2/m \quad (m=2)$
 $x = 0.51m$

Merodajna kombinacija za upogib: I+XI

 $N1u = 19.50 \text{ kN}$
 $M2u = 0.00 \text{ kNm}$
 $M3u = -1.09 \text{ kNm}$

Merodajna kombinacija za torzijo:

 $1.35xI + 1.05xII + 0.90xVII + 1.50xX$
 $M1u = -12.39 \text{ kNm}$

Merodajna kombinacija za strig:

 $1.35xI + 1.05xII + 0.90xVII + 1.50xX$
 $T2u = -7.49 \text{ kN}$
 $T3u = -2.62 \text{ kN}$
 $M1u = -12.39 \text{ kNm}$
 $eb/ea = 1.009/10.000 \text{ ‰}$
 $Aa1 = 0.24 + 0.25 = 0.49 \text{ cm}^2$
 $Aa2 = 0.35 + 0.25 = 0.61 \text{ cm}^2$
 $Aa3 = 0.00 + 0.59 = 0.59 \text{ cm}^2$
 $Aa4 = 0.00 + 0.59 = 0.59 \text{ cm}^2$
 $Aa, st = 0.85 \text{ cm}^2/m \quad (m=2)$
 $x = 1.03m$

Merodajna kombinacija za upogib:

 $I+0.60xV+XI$
 $N1u = 19.61 \text{ kN}$
 $M2u = 0.00 \text{ kNm}$
 $M3u = 0.00 \text{ kNm}$

Merodajna kombinacija za torzijo:

 $1.35xI + 1.05xII + 0.90xVII + 1.50xX$
 $M1u = -12.39 \text{ kNm}$

Merodajna kombinacija za strig:

 $1.35xI + 1.05xII + 0.90xVII + 1.50xX$
 $T2u = -1.92 \text{ kN}$
 $T3u = -2.62 \text{ kN}$
 $M1u = -12.39 \text{ kNm}$
 $eb/ea = 1.148/10.000 \text{ ‰}$
 $Aa1 = 0.28 + 0.25 = 0.54 \text{ cm}^2$
 $Aa2 = 0.28 + 0.25 = 0.54 \text{ cm}^2$
 $Aa3 = 0.00 + 0.59 = 0.59 \text{ cm}^2$
 $Aa4 = 0.00 + 0.59 = 0.59 \text{ cm}^2$
 $Aa, st = 0.85 \text{ cm}^2/m \quad (m=2)$