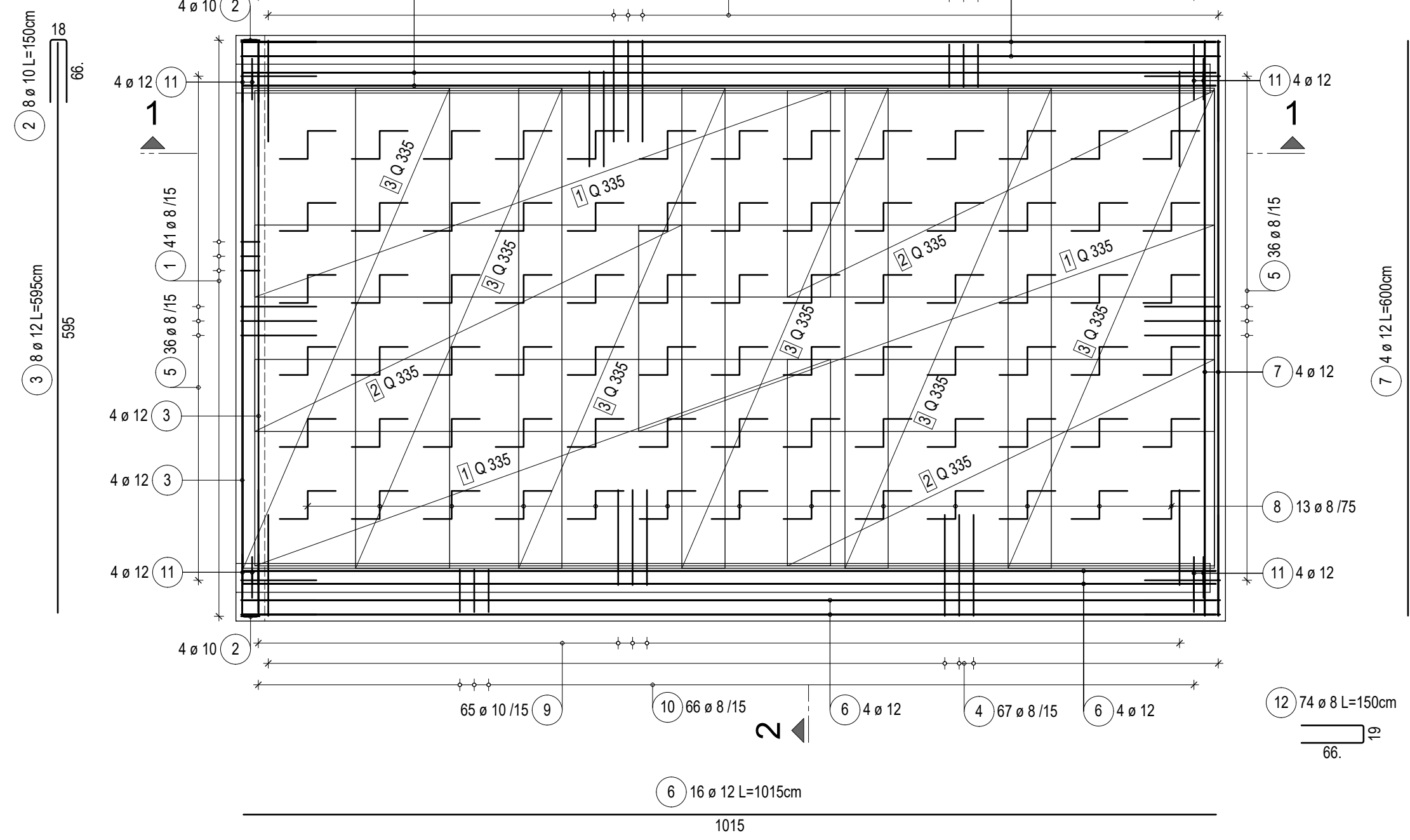


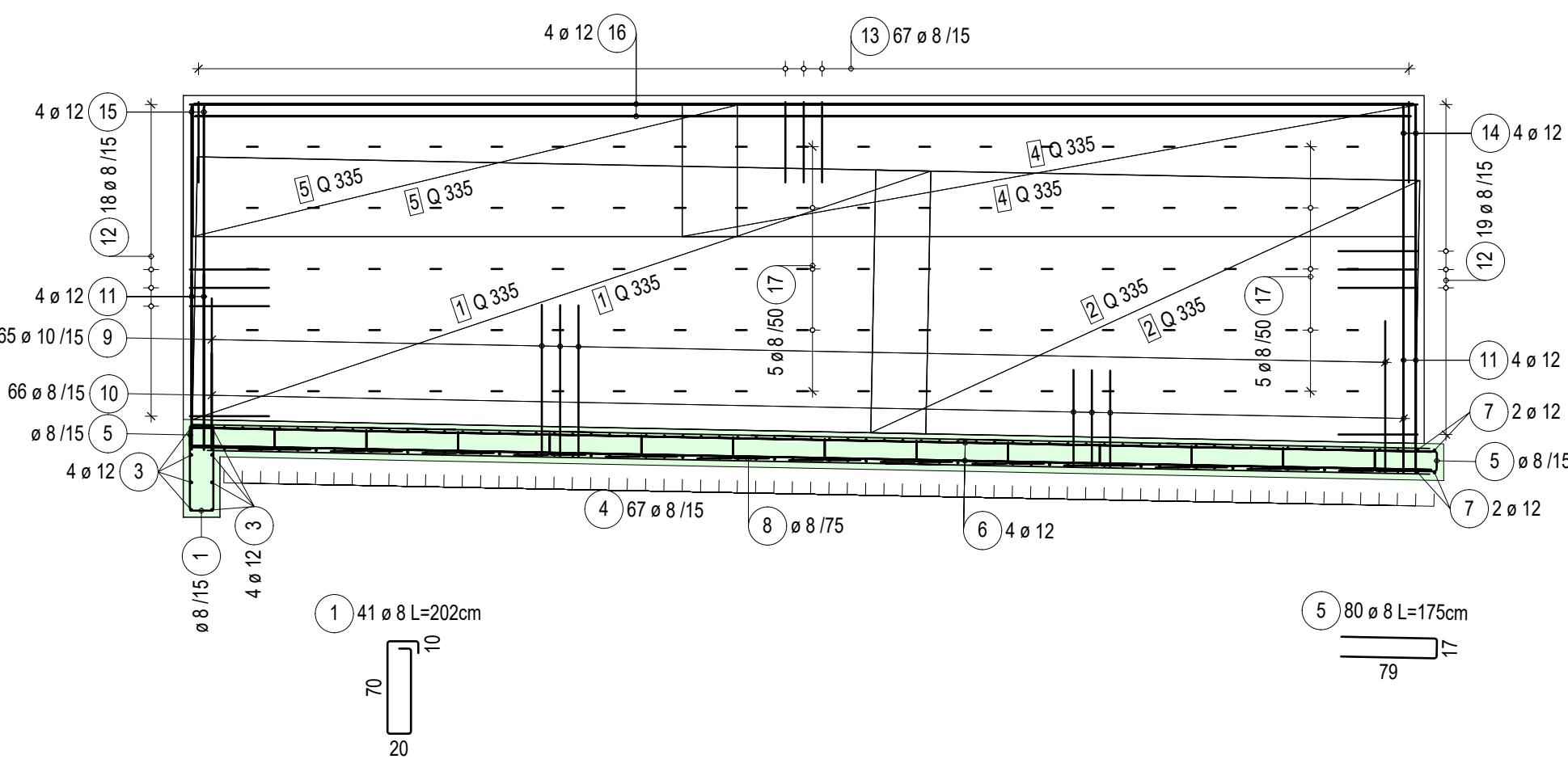
ARMATURNI NACRT RAMPE.....M 1:50

h/d=30 cm, C30/37, C_{nom,VAN} = 5,0 cm, C_{nom,UNUTRA} = 4,0 cm

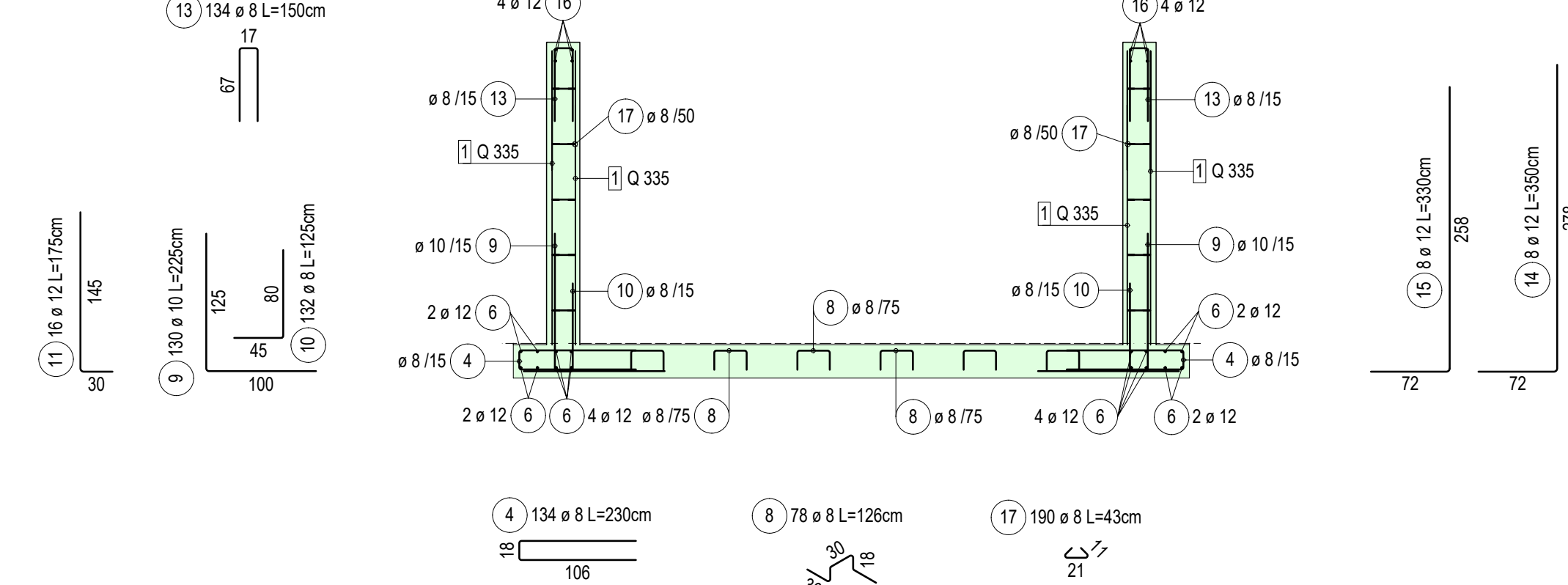
TLOCRT TEMELJNE PLOČE



PRESJEK 1 - 1



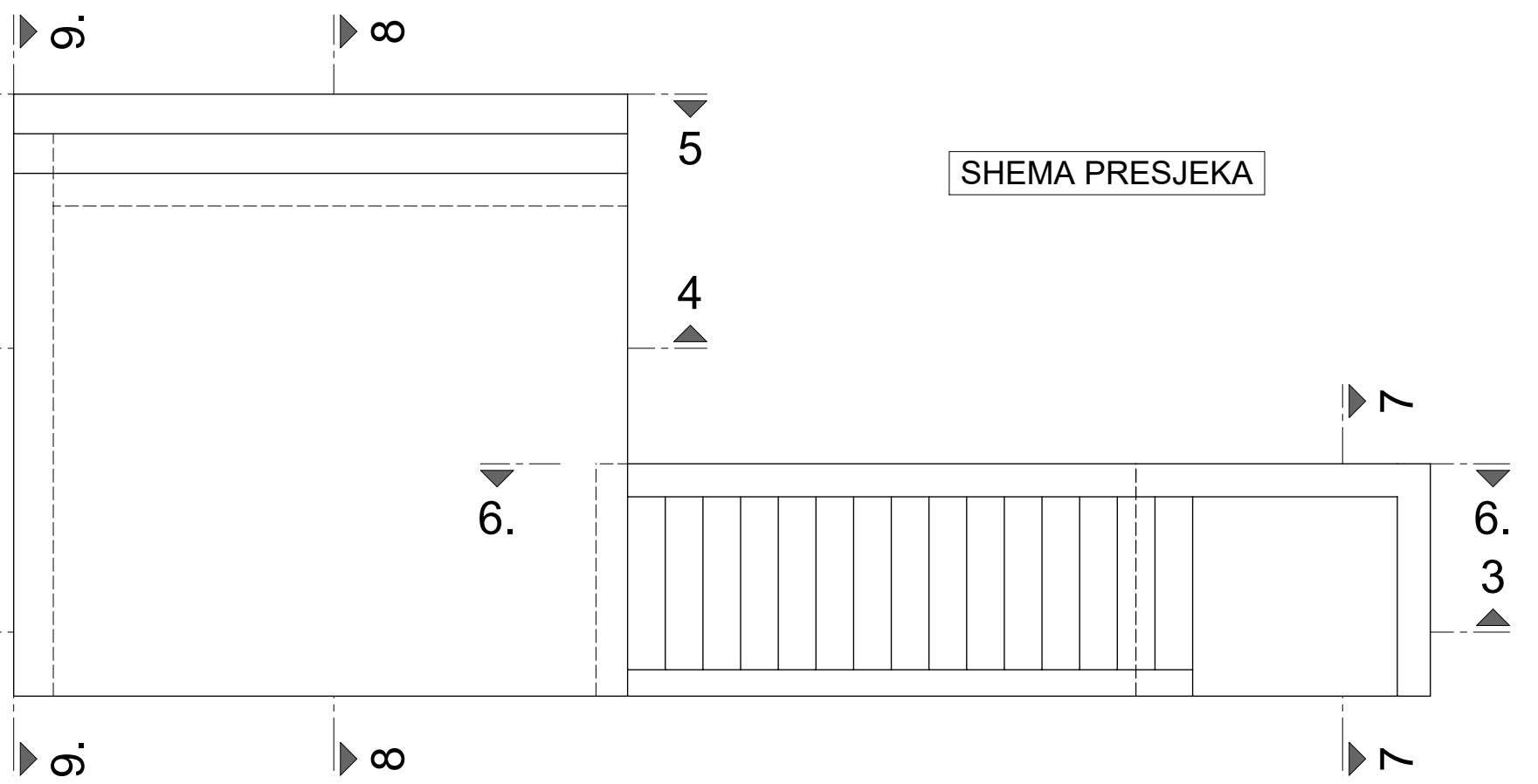
PRESJEK 2 - 2



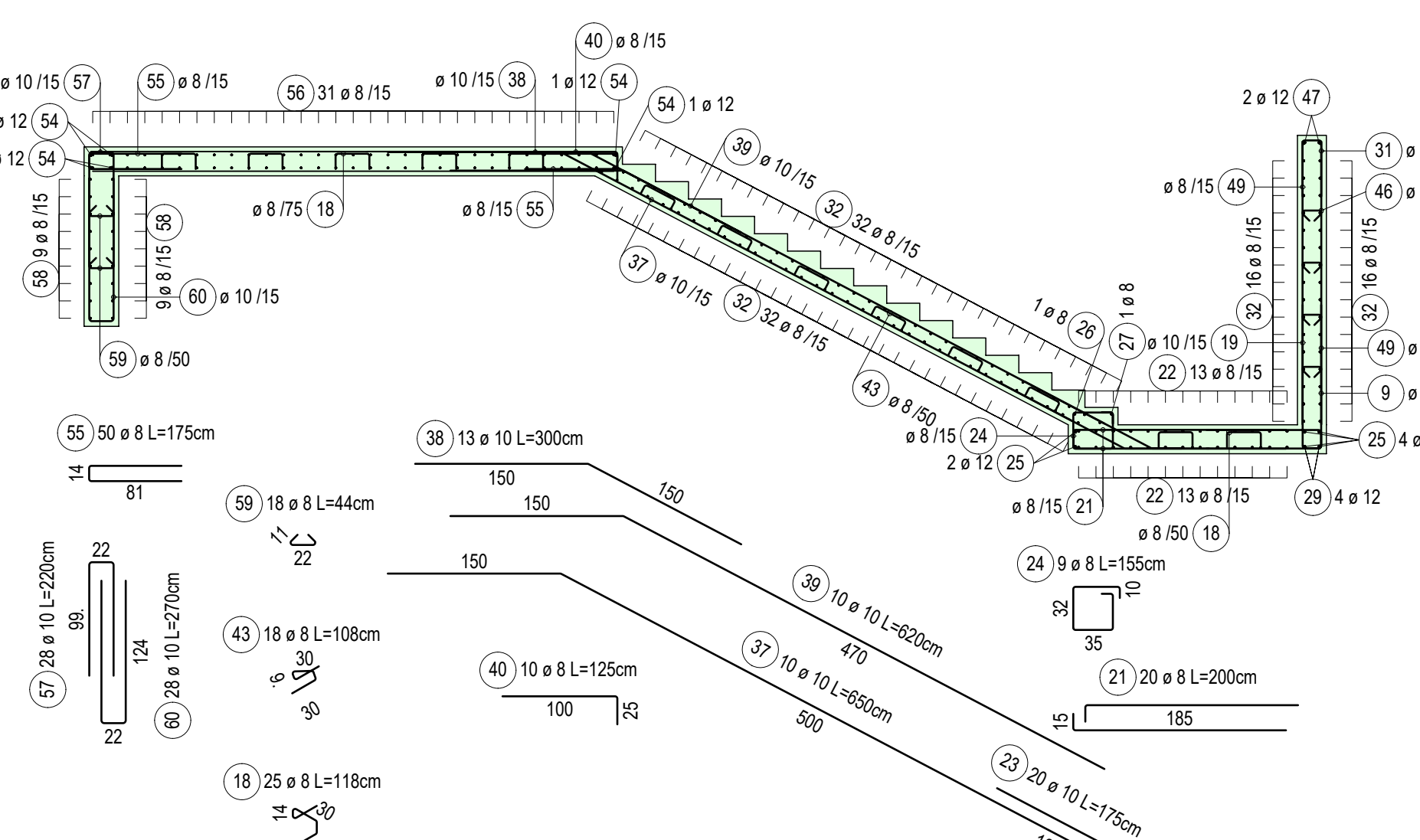
ARMATURNI NACRT VANJSKOG STUBIŠTA.....M 1:50

h/d=25/20/30 cm, C30/37, C_{nom} = 4,0 cm

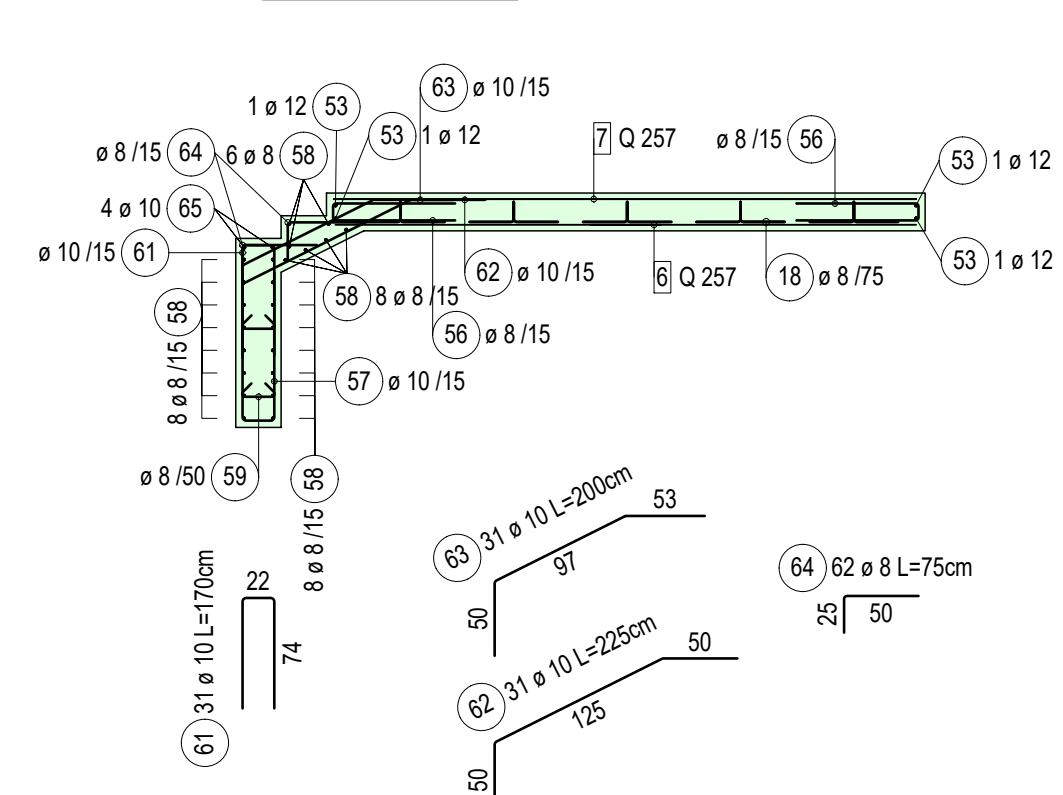
HEMA PRESJEKA



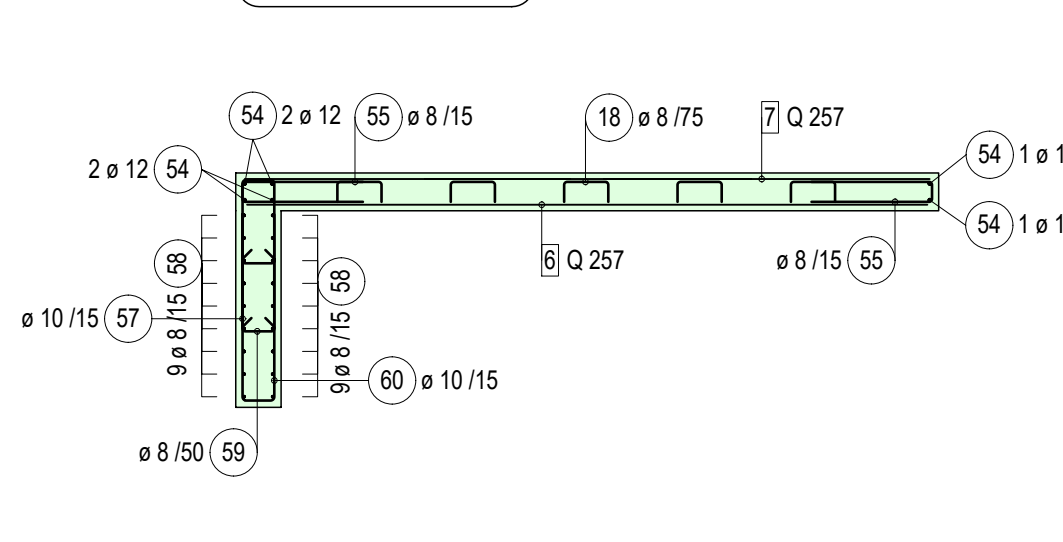
PRESJEK 3 - 3



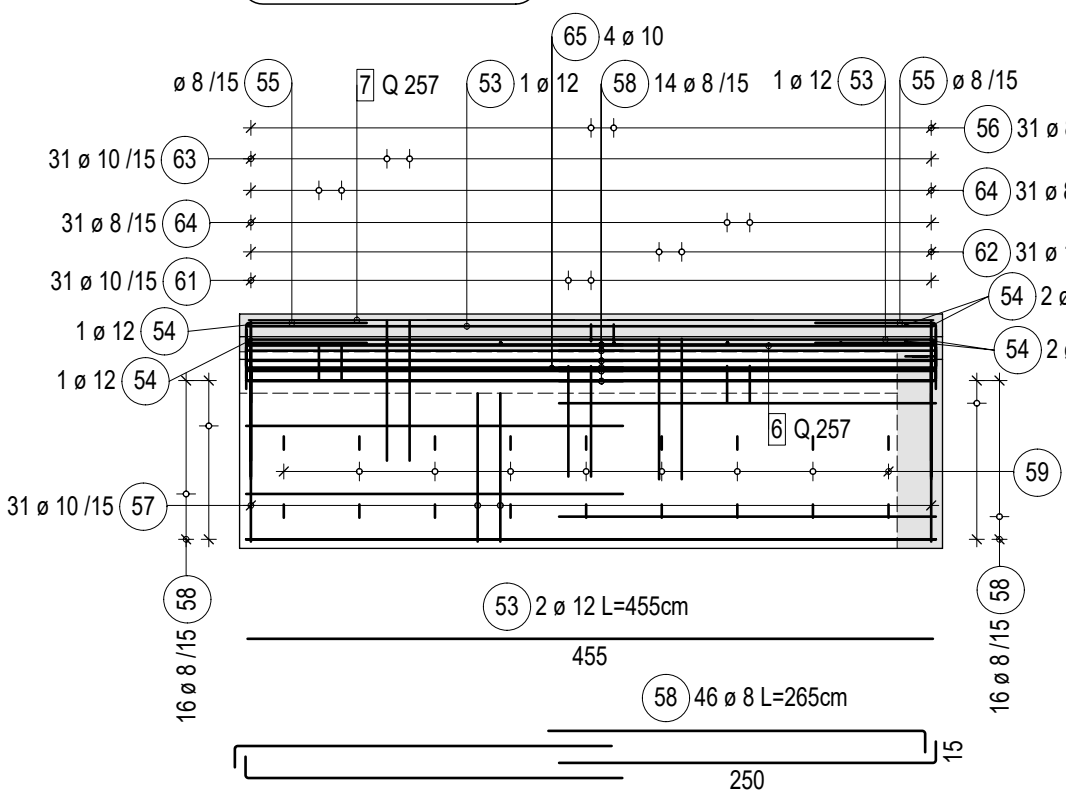
PRESJEK 8 - 8



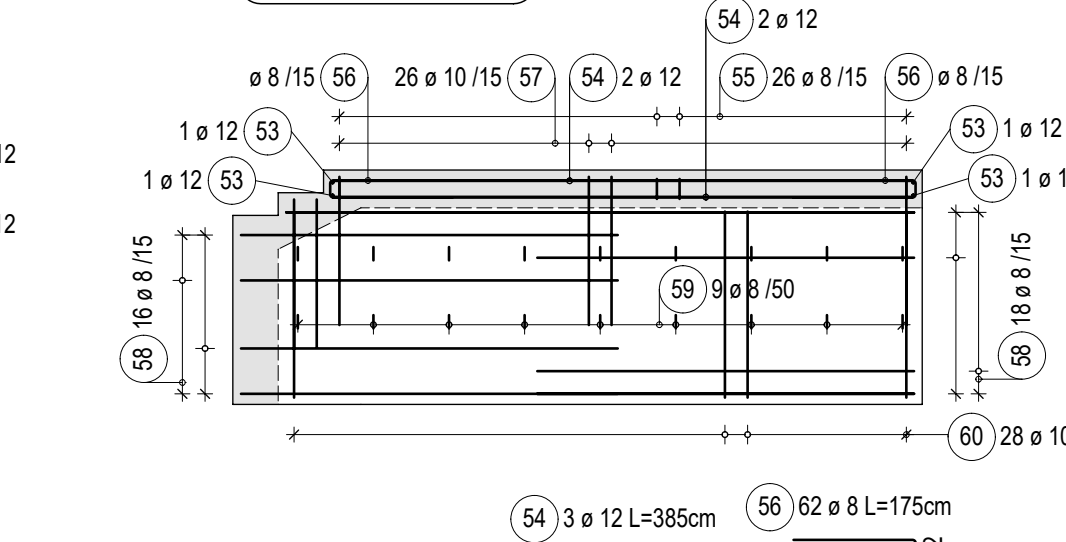
PRESJEK 4 - 4



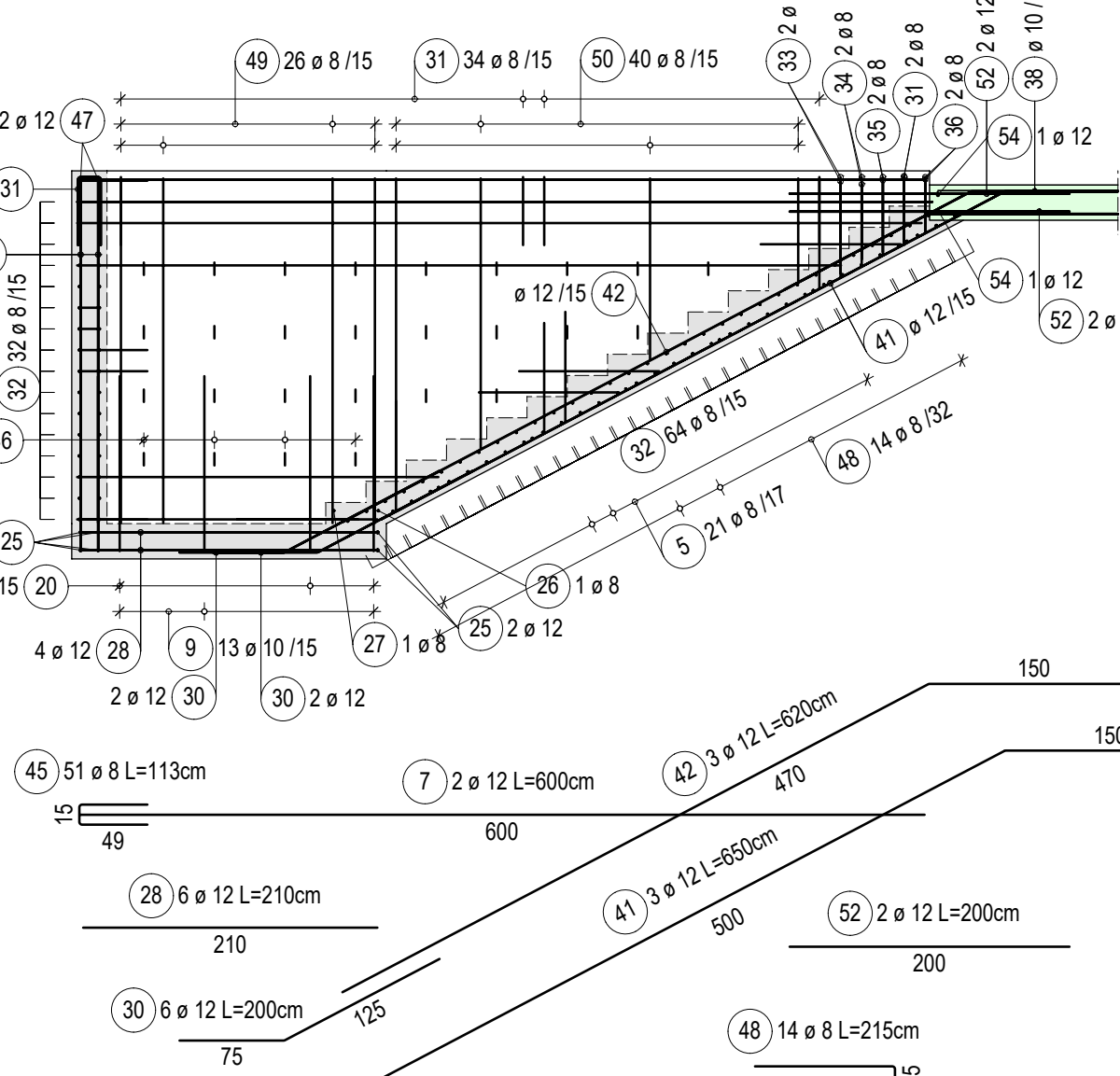
PRESJEK 5 - 5



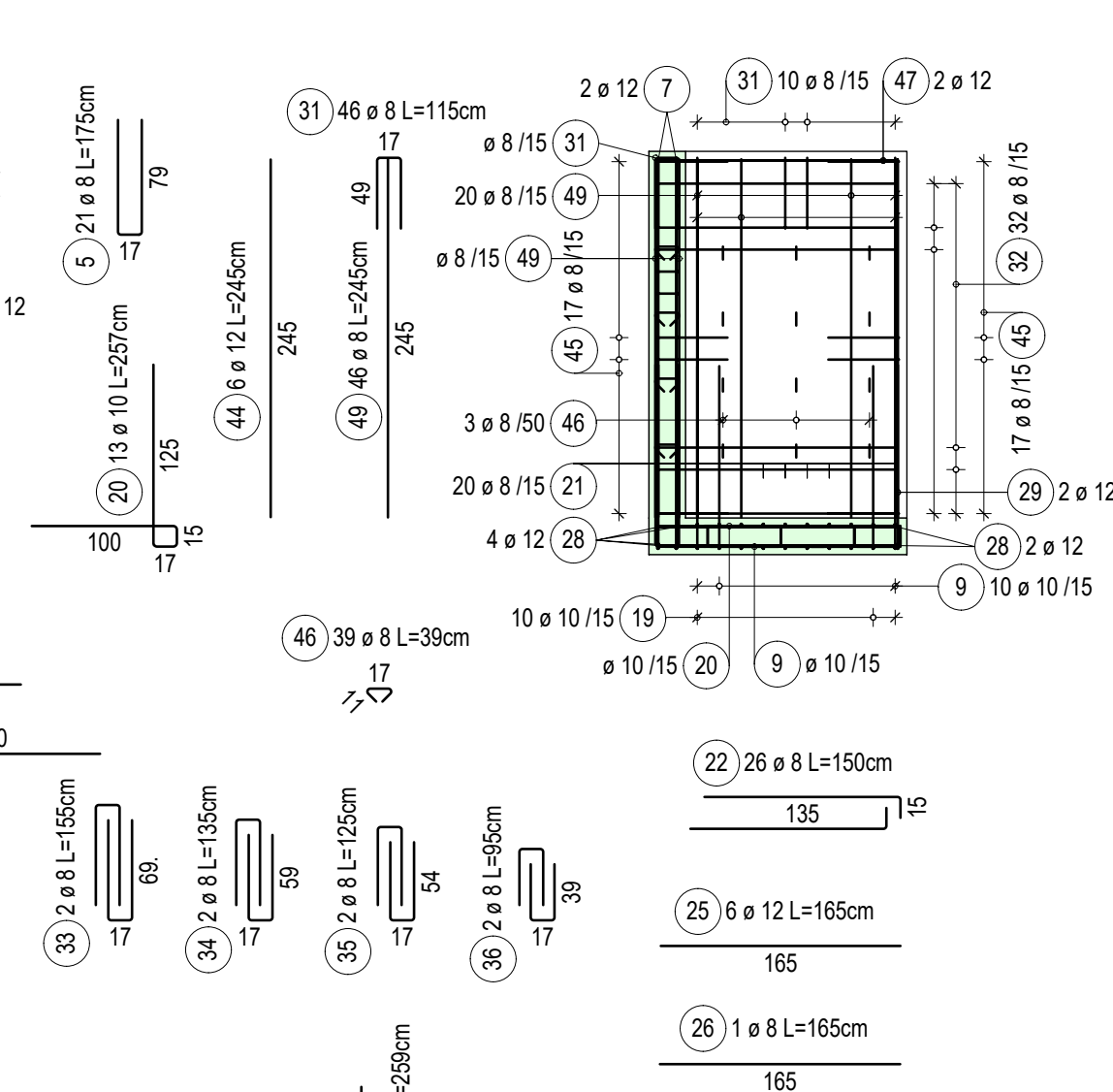
PRESJEK 9 - 9



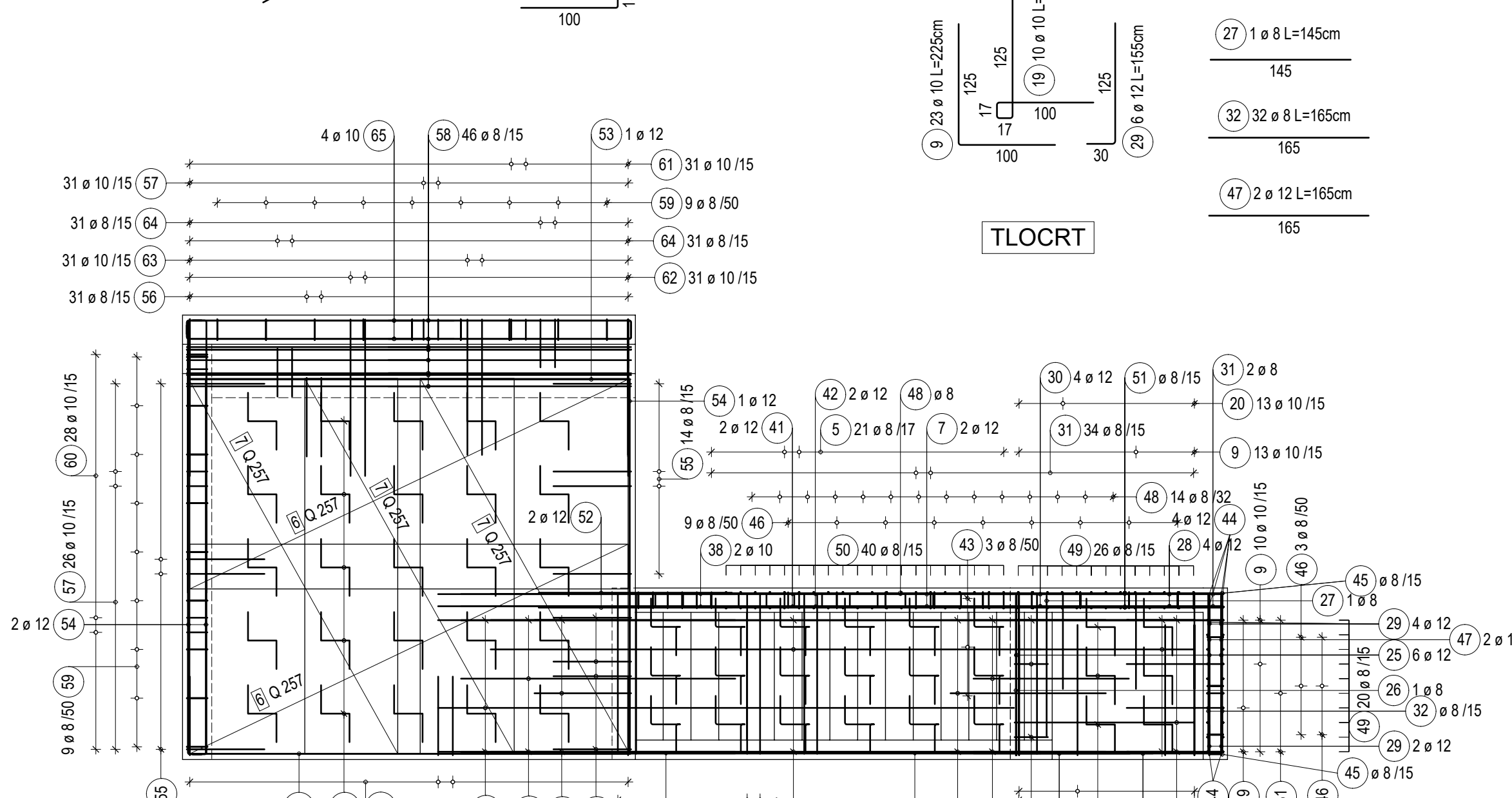
PRESJEK 6 - 6



PRESJEK 7 - 7



TLOCRT



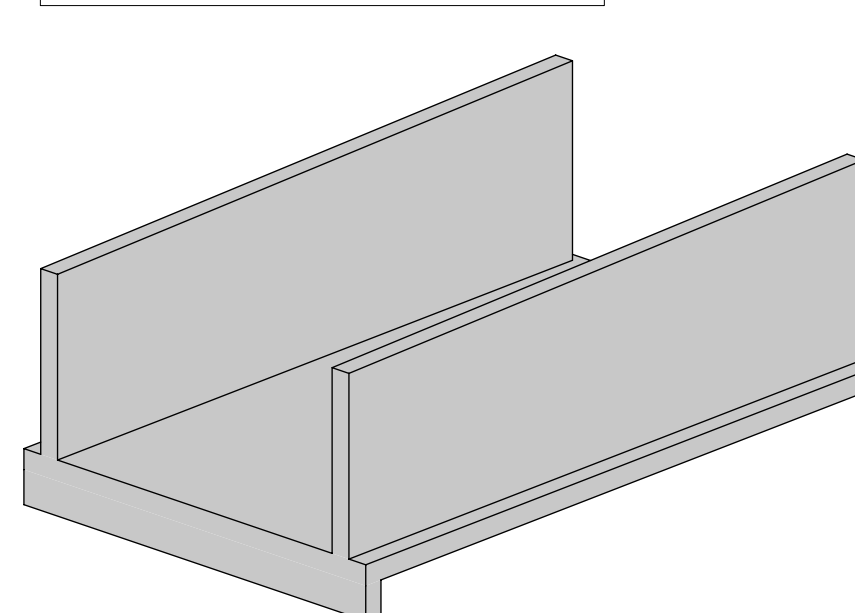
Oblik	Broj	Đužina a [cm]	Đužina šipka [cm]	Đužina ukupna [cm]
51.1	2	200	200	400
51.2	2	228	228	456
51.3	2	257	257	514
51.4	2	285	285	570
51.5	2	314	314	628
51.6	2	342	342	684
51.7	2	371	371	742
51.8	2	400	400	800
51.9	2	428	428	856
51.10	2	457	457	914
51.11	2	485	485	970
51.12	2	514	514	1028
51.13	2	542	542	1084
51.14	2	571	571	1142
51.15	2	599	599	1198
51.16	2	607	607	1214
Zbroj dužina = 132.000 m				

Oblik	Broj	Đužina a [cm]	Đužina šipka [cm]	Đužina ukupna [cm]
50.1	2	224	224	448
50.2	2	216	216	432
50.3	2	208	208	416
50.4	2	200	200	400
50.5	2	192	192	384
50.6	2	184	184	368
50.7	2	177	177	354
50.8	2	169	169	338
50.9	2	161	161	322
50.10	2	153	153	306
50.11	2	145	145	290
50.12	2	137	137	274
50.13	2	129	129	258
50.14	2	121	121	242
50.15	2	113	113	226
50.16	2	106	106	212
50.17	2	98	98	196
50.18	2	90	90	180
50.19	2	82	82	164
50.20	2	74	74	148
Zbroj dužina = 59.580 m				

Lista šipki sa savijanjem

Poz.	Kom.	a	Jedinična dužina [m]	Mjere savijanja (van njezila)	Ukupna dužina [m]	Težina [kg]
1	41	8	2.02		82.82	32.71
2	8	10	1.50		12.00	7.40
3	8	12	5.95		47.60	42.27
4	134	8	2.30		308.20	121.74
5	101	8	1.75		176.75	69.92
6	16	12	10.15		162.40	144.21
7	6	12	6.00		36.00	31.97
8	78	8	1.26		98.28	38.82
9	153	10	2.25		344.25	212.40
10	132	8	1.25		165.00	65.18
11	16	12	1.75		28.00	24.86
12	74	8	1.50		111.00	43.85
13	134	8	1.50		201.00	79.40
14	8	12	3.50		28.00	24.86
15	8	12	3.30		26.40	23.44
16	8	12	9.95		79.60	70.68
17	190	8	0.43		81.70	32.27
18	31	8	1.18		36.58	14.45
19	10	10	2.59		25.90	15.98
20	13	10	2.57		33.41	20.91
21	20	8	2.00		40.00	15.80
22	28	8	1.50		39.60	15.41
23	20	10	1.75		35.00	21.60
24	9	8	1.55		13.95	5.51
25	6	12	1.65		9.90	8.79
26	1	8	1.65		1.65	0.65
27	1	8	1.45		1.45	0.57
28	6	12	2.10		12.60	11.19
29	6	12	1.55		9.30	8.26
30	6	12	2.00		12.00	10.86
31	48	8	1.15		55.20	21.80
32	97	8	1.65		160.05	63.22
33	2	8	1.55		3.10	1.22
Ukupna težina [kg]						2198.48

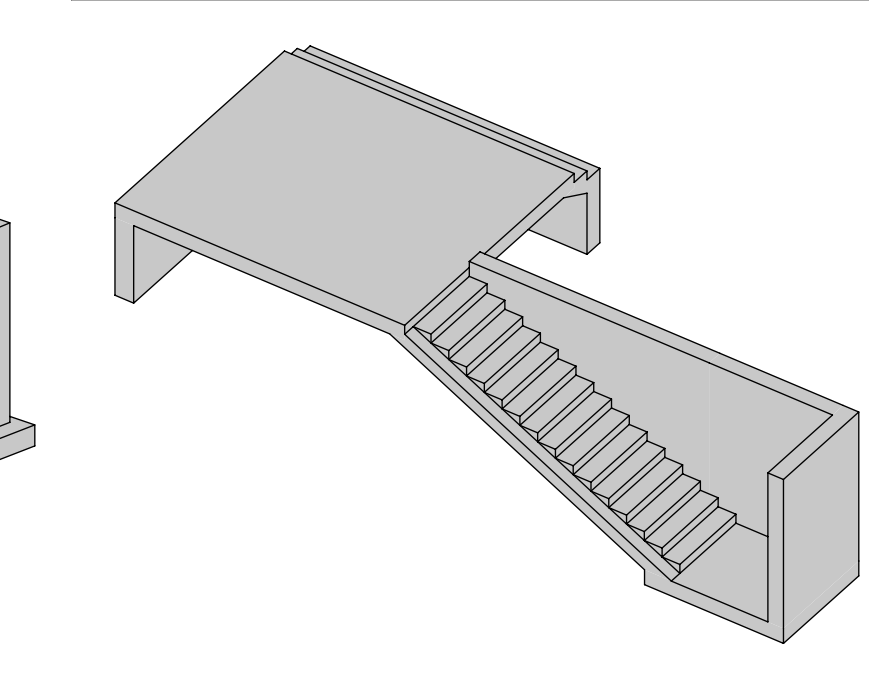
3D PRIKAZ RAMPE.....M 1:100



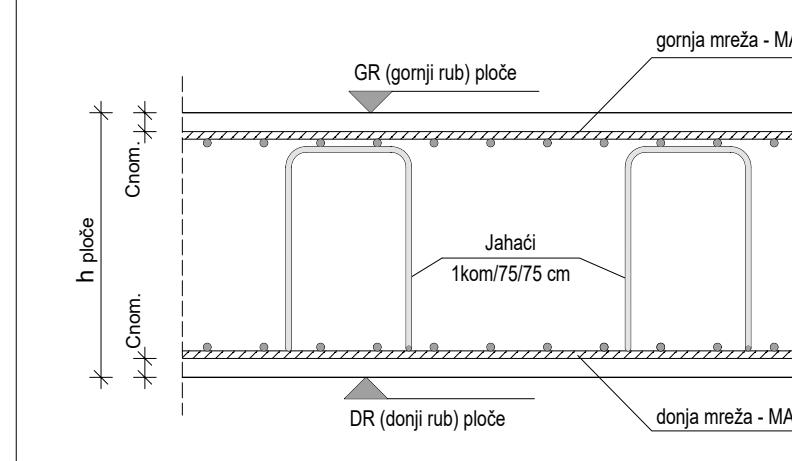
Lista šipki sa savijanjem

Poz.	Kom.	a	Jedinična dužina [m]	Mjere savijanja (van njezila)	Ukupna dužina [m]	Težina [kg]
34	2	8	1.35		2.70	1.07
35	2	8	1.25		2.50	0.99
36	2	8	0.95		1.90	0.75
37	10	10	6.50		65.00	40.11
38	13	10	3.00		39.00	24.06
39	10	10	6.20		62.00	38.25
40	10	8	1.25		12.50	4.94
41	3	12	6.50		19.50	17.32
42	3	12	6.20		18.60	16.52
43	18	8	1.08		19.44	7.68
44	6	12	2.45		14.70	13.05
45	51	8	1.13		57.83	22.76
46	39	8	0.39		15.21	6.01
47	2	12	1.85		3.30	2.93
48	14	8	2.15		30.10	11.89
49	46	8	2.45		112.70	44.52
50	40	8	-		59.58	23.53
51	32	8	-		132.00	52.14
52	4	12	2.00		8.00	7.10
53	4	12	4.55		18.20	16.16
54	6	12	3.89		23.10	20.51
55	50	8	1.75		87.50	34.56
56	62	8	1.75		108.50	42.86
57	59	10	2.20		129.80	80.09
58	82	8	2.65		217.30	85.83
59	36	8	0.44		15.84	6.26
60	28	10	2.70		75.60	46.85
61	31	10	1.70		52.70	32.52
62	31	10	2.25		69.75	43.04
63	31	10	2.00		62.00	38.25
64	62	8	0.75		46.50	18.37
65	4	10	2.80		11.60	7.16
Ukupna težina [kg]						2198.48

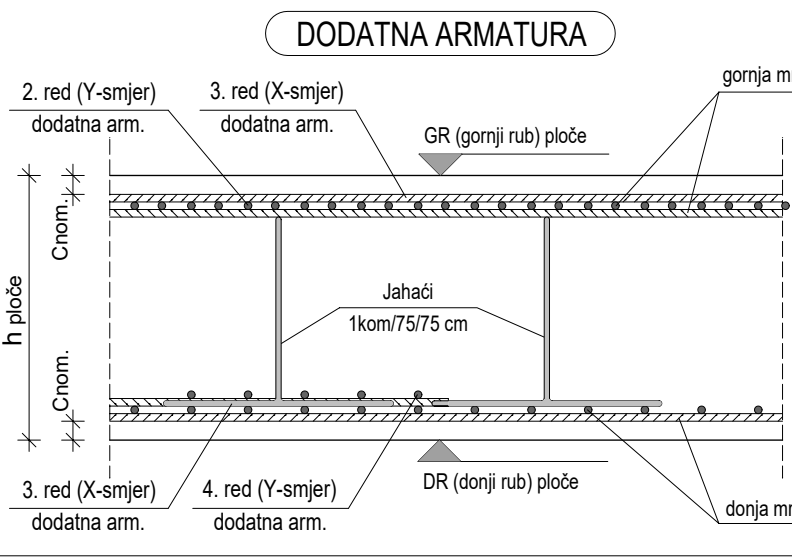
3D PRIKAZ VANJSKOG STUBIŠTA.....M 1:100



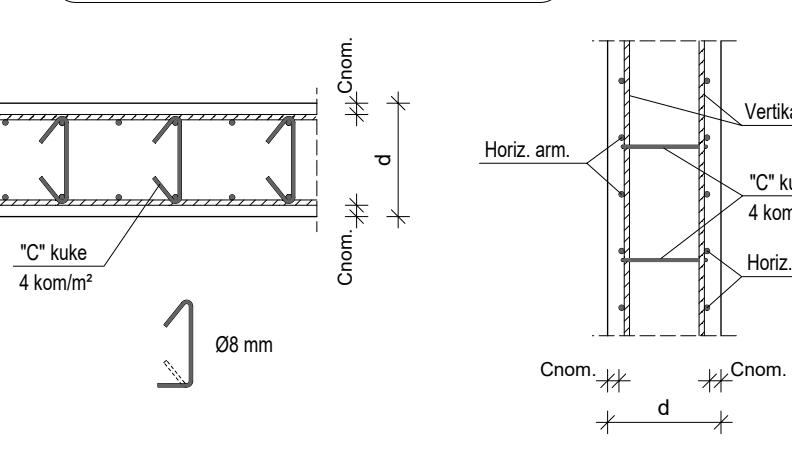
DETALJ SLAGANJA ARMATURE - SA MREŽAMA.....M 1:20



DETALJ SLAGANJA ARMATURE - SA MREŽAMA.....M 1:20



DETALJ "C" KUKA ZIDOVA.....M 1:20



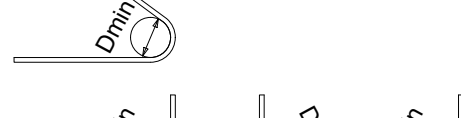
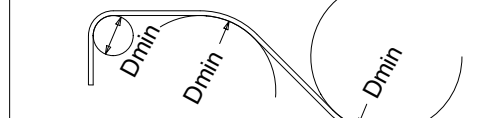
Preklop armature u cm	dobra priklonjivost	loša priklonjivost
C30/37	≥ 43	≥ 61
a8	≥ 54	≥ 76
a10	≥ 64	≥ 82
a12	≥ 75	≥ 107
a14	≥ 86	≥ 122
a16	≥ 107	≥ 153
a25	≥ 134	≥ 191
a28	≥ 150	≥ 214
a32	≥ 171	≥ 245

Sidrenje armature u cm	dobra priklonjivost	loša priklonjivost
C30/37	≥ 29	≥ 41
a8	≥ 36	≥ 51
a10	≥ 43	≥ 61
a12	≥ 50	≥ 71
a14	≥ 57	≥ 82
a16	≥ 71	≥ 102
a25	≥ 89	≥ 127
a28	≥ 100	≥ 143
a32	≥ 114	≥ 163

- OBRAĐA RADNIH REŠKI
1. PRIJE POSTAVLJANJA SVJEŽEG BETONA NA RADNOJ REŠKI UKLONITI POVRŠINSKI SLOJ BETONA.
 2. PUKAVINAMA ILI DRUGIM METODAMA OBRADITI RADNU REŠKU DO POJAVE ČISTOG AGREGATA.
 3. SVE RADNE REŠKE NEPOSREDNO PRIJE BETONIRANJA ISPRATI VODOM I OSTAVITI DA SE OSUŠI.
 4. POVRŠINA BETONA NA RADNOJ REŠKI MORA OSTATI GRUBO OBRADENA.
 5. PRIJE BETONIRANJA RADNU REŠKU ZALITI CEMENTNIM MLJEKOM.
 6. PREDUZETI MJERE IZBJEGAVANJA SEGREGACIJE, OSOBITO KOD HORIZONTALNIH RADNIH REŠKI.

NAPOMENA

- DIMENZUJE PREKONTROLIRATI NA GRADILIŠTU

			
Promjer šipke u mm		Minimalna vrijednost zaštitnog sloja okomito na ravnini savijanja	
$\Phi < 20$	$\Phi \geq 20$	$> 100 \text{ mm}$ $> 7 \Phi$	$> 80 \text{ mm}$ $> 3 \Phi$
4 Φ	7 Φ	7 Φ	15 Φ
zaštitni slojevi			
B 500A	Temeljenje DZ/GZ	4,0/3,0 cm	Zidovi, ploče
B 500B	Podrumski zidovi vanjski	3,5 cm	Stubišta
C30/37, C12/15			
debljine zaštitnih slojeva prema HRN EN 1992-1-1			