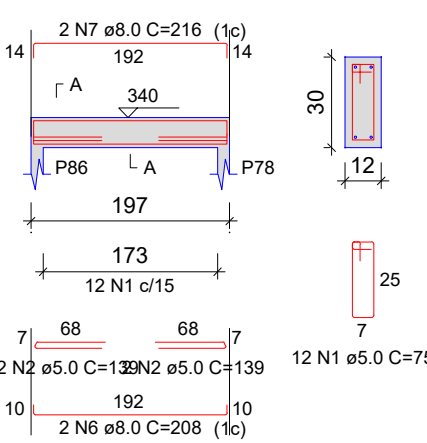


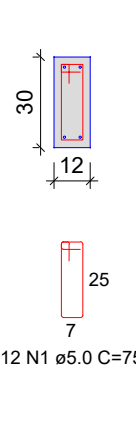
V160

ESC 1:75



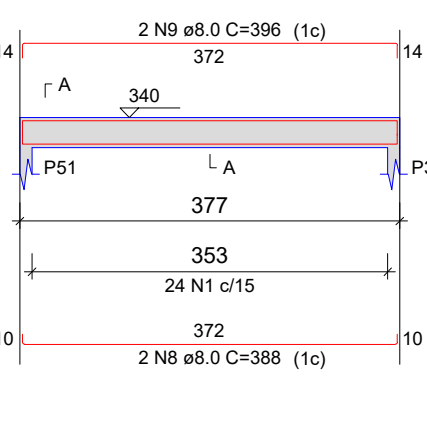
SEÇÃO A-A

ESC 1:25



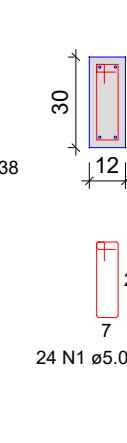
V161

ESC 1:75



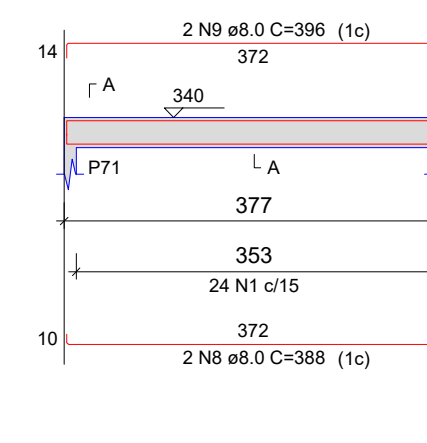
SEÇÃO A-A

ESC 1:25



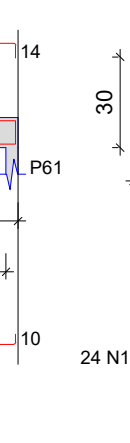
V162

ESC 1:75



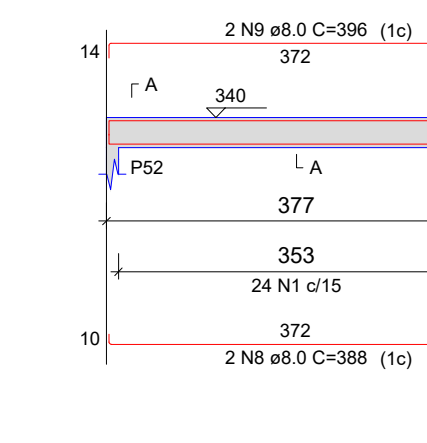
SEÇÃO A-A

ESC 1:25



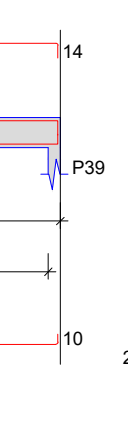
V163

ESC 1:75



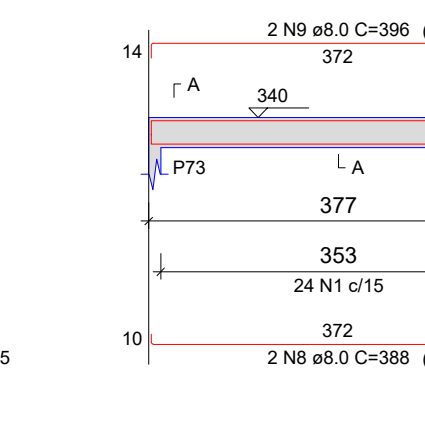
SEÇÃO A-A

ESC 1:25



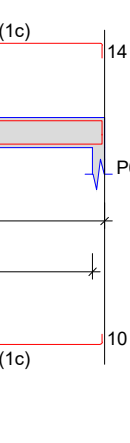
V164

ESC 1:75



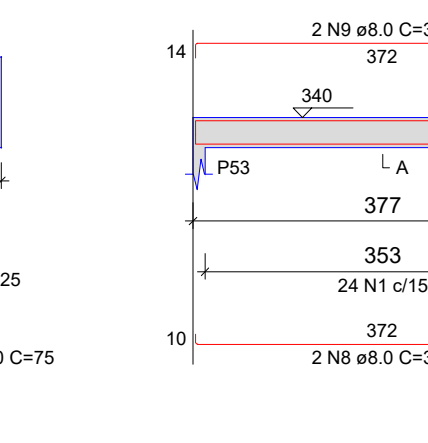
SEÇÃO A-A

ESC 1:25



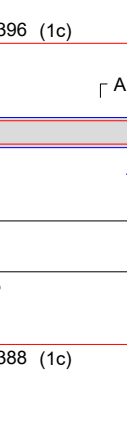
V165

ESC 1:75



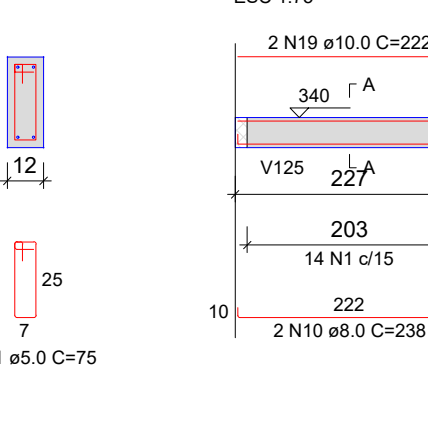
SEÇÃO A-A

ESC 1:25



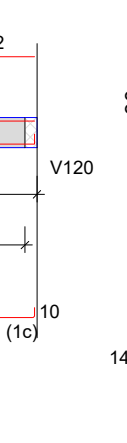
V166

ESC 1:75



SEÇÃO A-A

ESC 1:25



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	267	75	20025
CA60	2	5.0	10	139	1390
CA60	3	5.0	130	127	16510
CA60	4	5.0	304	87	26888
CA60	5	5.0	4	145	580
CA60	6	8.0	2	208	416
CA60	7	8.0	2	216	432
CA60	8	8.0	10	388	3880
CA60	9	8.0	10	385	3850
CA60	10	8.0	2	238	476
CA60	11	8.0	4	385	1540
CA60	12	8.0	2	400	800
CA60	13	8.0	2	400	800
CA60	14	8.0	4	170	680
CA60	15	8.0	2	185	370
CA60	16	8.0	2	185	370
CA60	17	8.0	4	130	520
CA60	18	8.0	4	141	564
CA60	19	10.0	2	222	444
CA60	20	10.0	1	439	439
CA60	21	10.0	4	771	3084
CA60	22	10.0	1	157	157
CA60	23	10.0	2	217	434
CA60	24	10.0	1	157	157
CA60	25	10.0	2	217	434
CA60	26	10.0	2	189	378
CA60	27	10.0	8	193	1544
CA60	28	10.0	4	253	1012
CA60	29	10.0	2	813	1626
CA60	30	10.0	2	159	318
CA60	31	10.0	6	761	4566
CA60	32	10.0	4	1006	4024
CA60	33	10.0	4	1022	4088
CA60	34	10.0	1	134	134
CA60	35	10.0	1	134	134
CA60	36	10.0	2	795	1590
CA60	37	10.0	2	135	270
CA60	38	10.0	2	797	1594
CA60	39	10.0	8	891	7128
CA60	40	10.0	5	599	2995
CA60	41	12.5	2	769	1538
CA60	42	12.5	7	775	5425
CA60	43	12.5	2	792	1584
CA60	44	12.5	4	524	2096

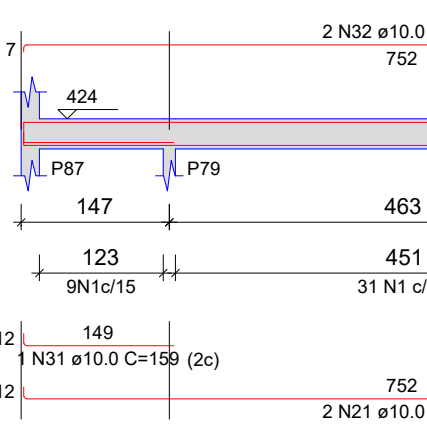
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	8.0	148.1	58.4
CA50	10.0	351.8	216.9
CA60	5.0	666.9	102.8
PESO TOTAL (kg)			
CA50		406.8	
CA60		102.8	

Volume de concreto (C-30) = 5.75 m³  
Área de forma = 71.19 m²

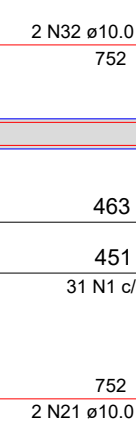
V204

ESC 1:75



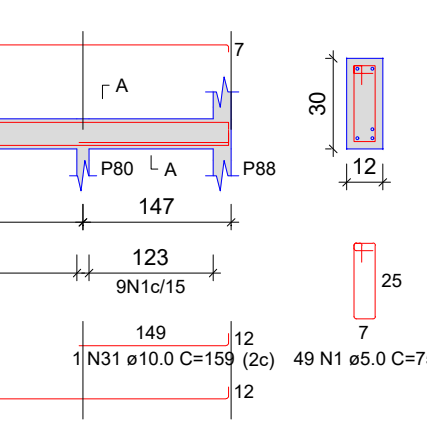
SEÇÃO A-A

ESC 1:25



V205

ESC 1:75



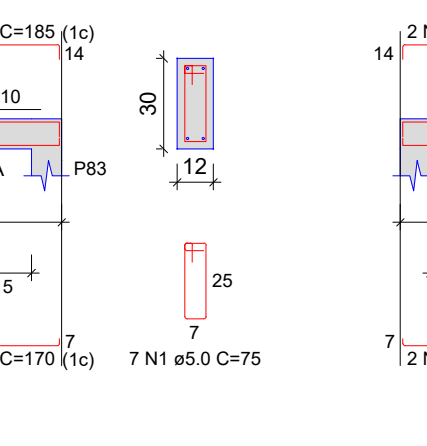
SEÇÃO A-A

ESC 1:25



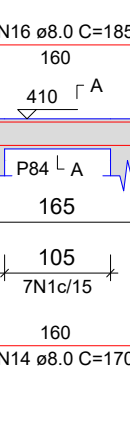
V206

ESC 1:75



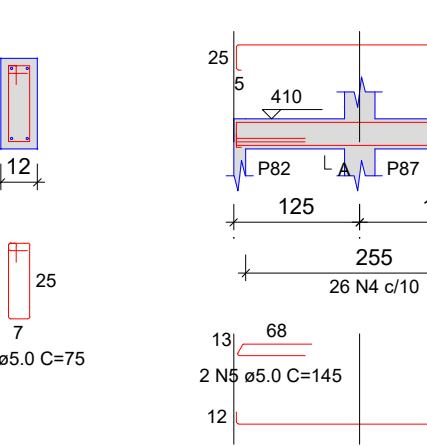
SEÇÃO A-A

ESC 1:25



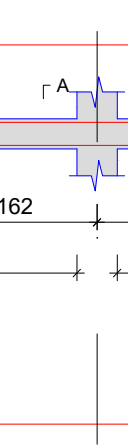
V207

ESC 1:75



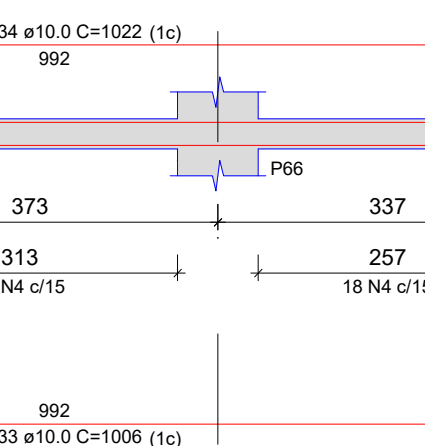
SEÇÃO A-A

ESC 1:25



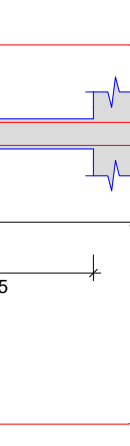
V208

ESC 1:75



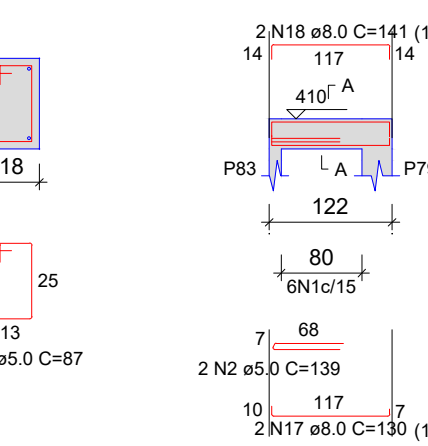
SEÇÃO A-A

ESC 1:25



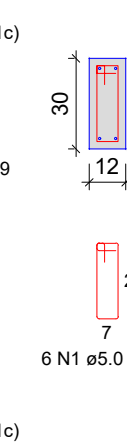
V209

ESC 1:75



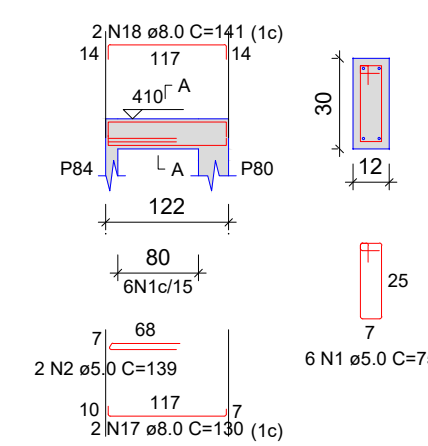
SEÇÃO A-A

ESC 1:25



V210

ESC 1:75



SEÇÃO A-A

ESC 1:25



V205

ESC 1:75



SEÇÃO A-A

ESC 1:25



V206

ESC 1:75



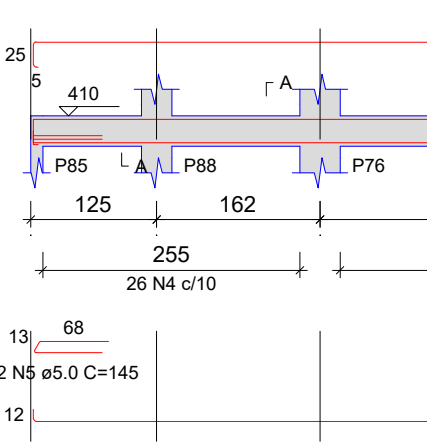
SEÇÃO A-A

ESC 1:25



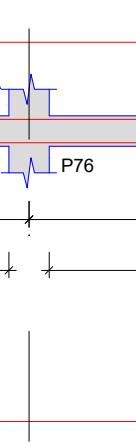
V210

ESC 1:75



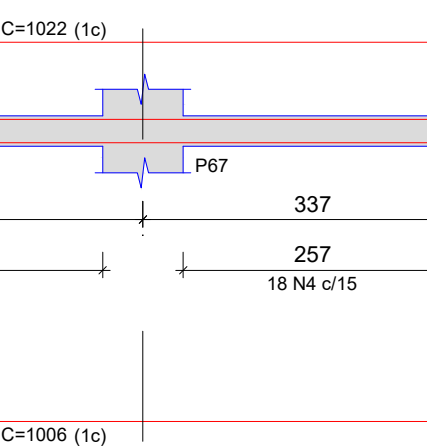
SEÇÃO A-A

ESC 1:25



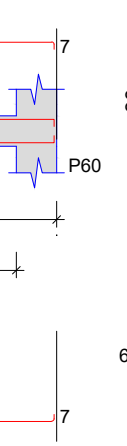
V301

ESC 1:75



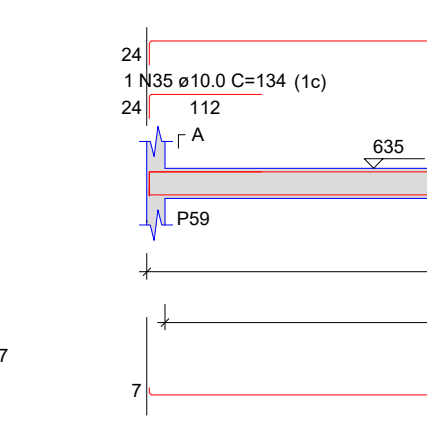
SEÇÃO A-A

ESC 1:25



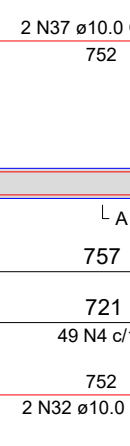
V302

ESC 1:75



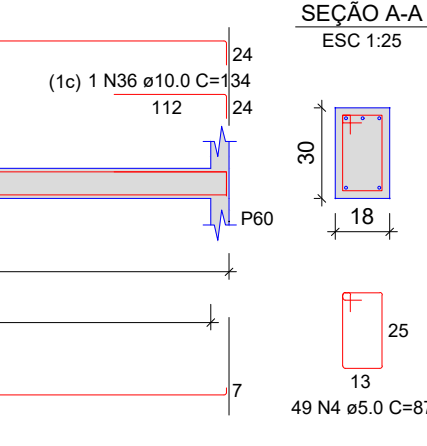
SEÇÃO A-A

ESC 1:25



V303

ESC 1:75



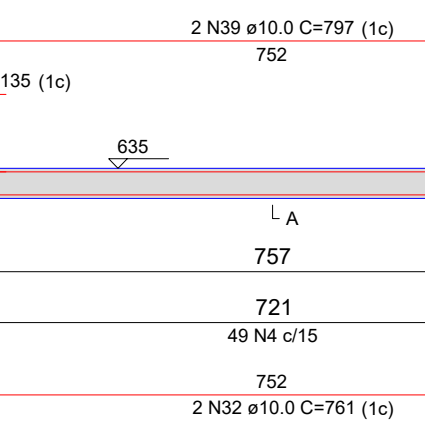
SEÇÃO A-A

ESC 1:25



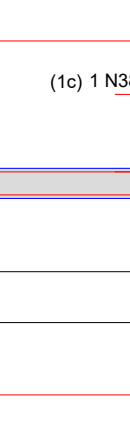
V304

ESC 1:75



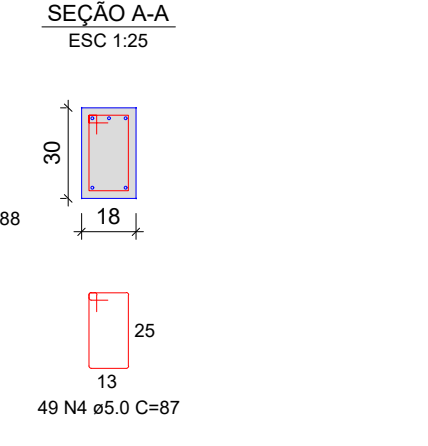
SEÇÃO A-A

ESC 1:25



V305

ESC 1:75



SEÇÃO A-A

ESC 1:25



V306

ESC 1:75



SEÇÃO A-A

ESC 1:25



V307

ESC 1:75



SEÇÃO A-A

ESC 1:25

