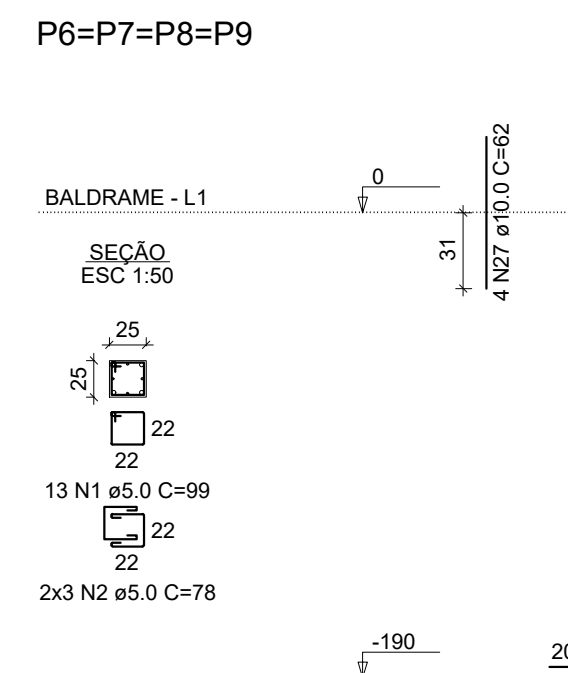
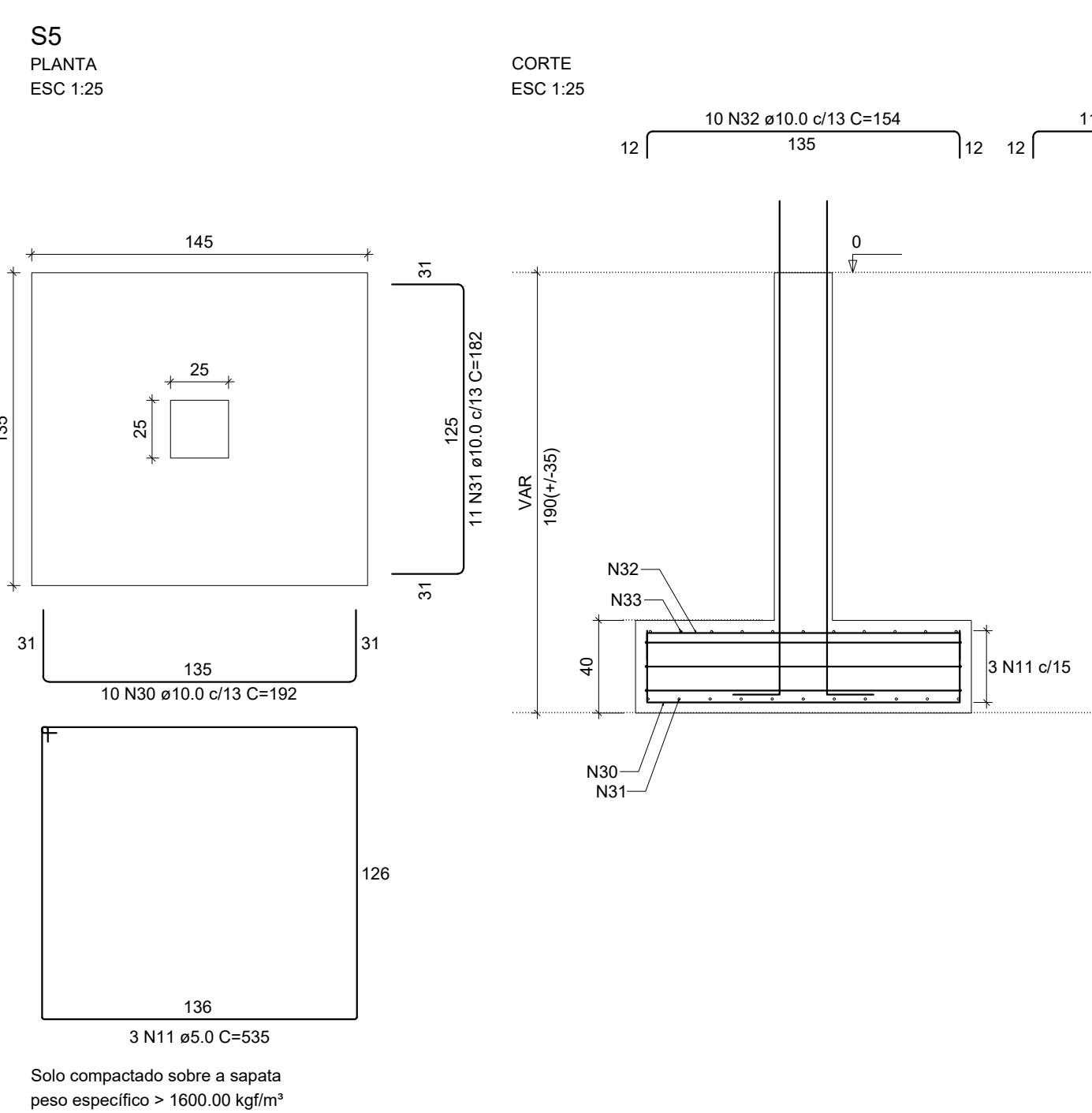
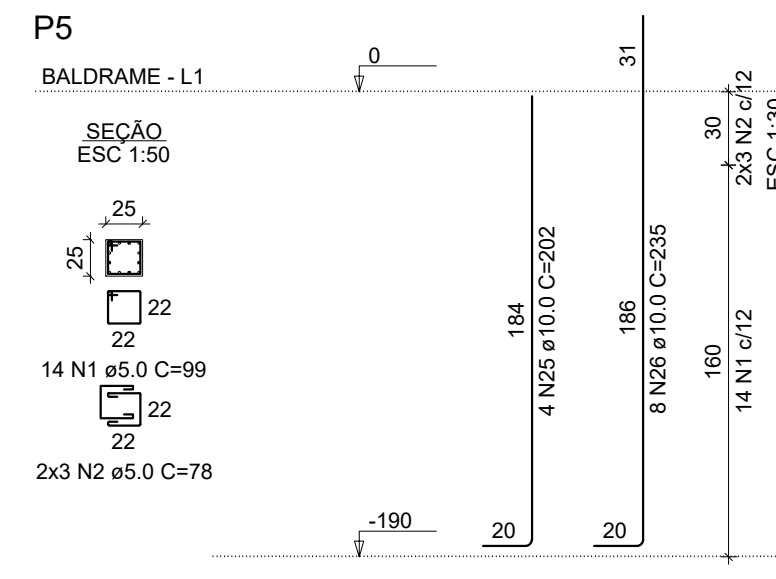
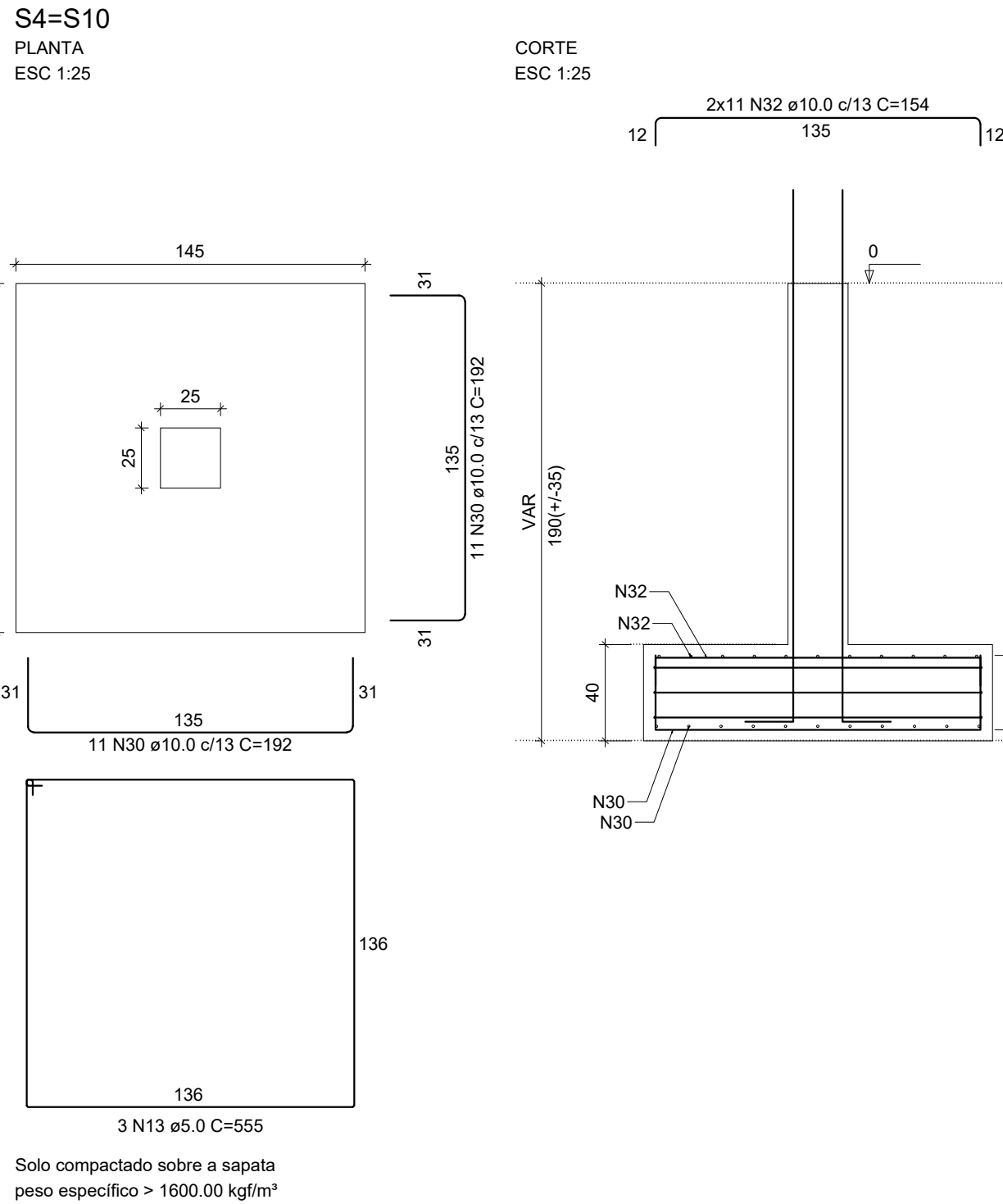
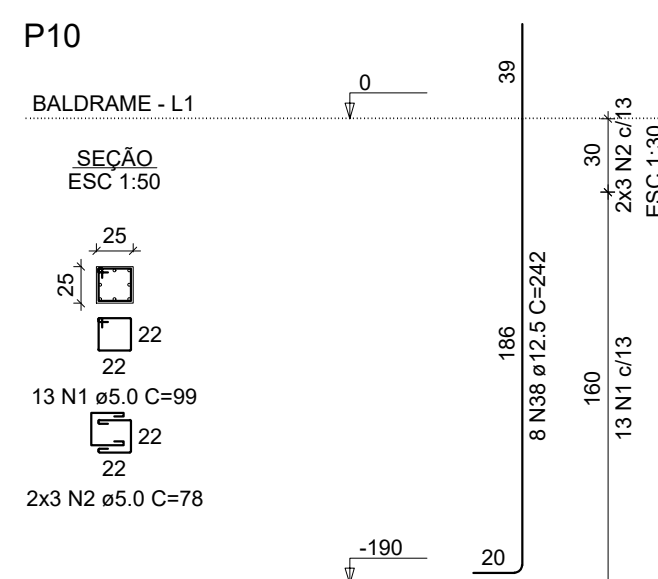


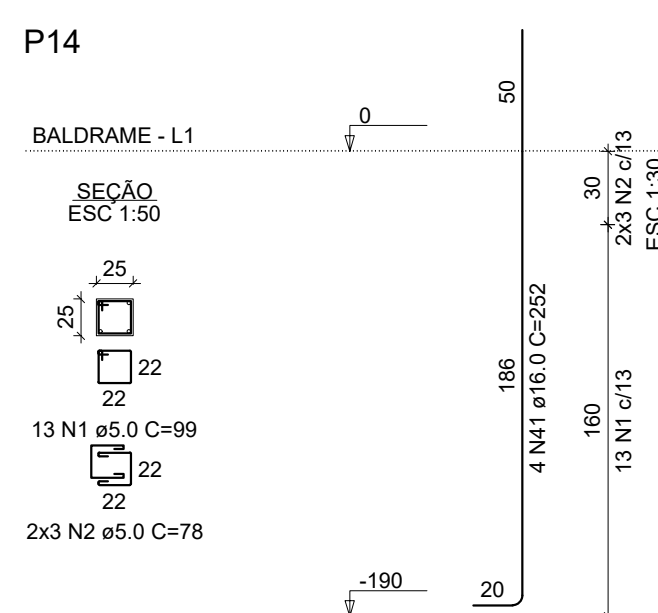
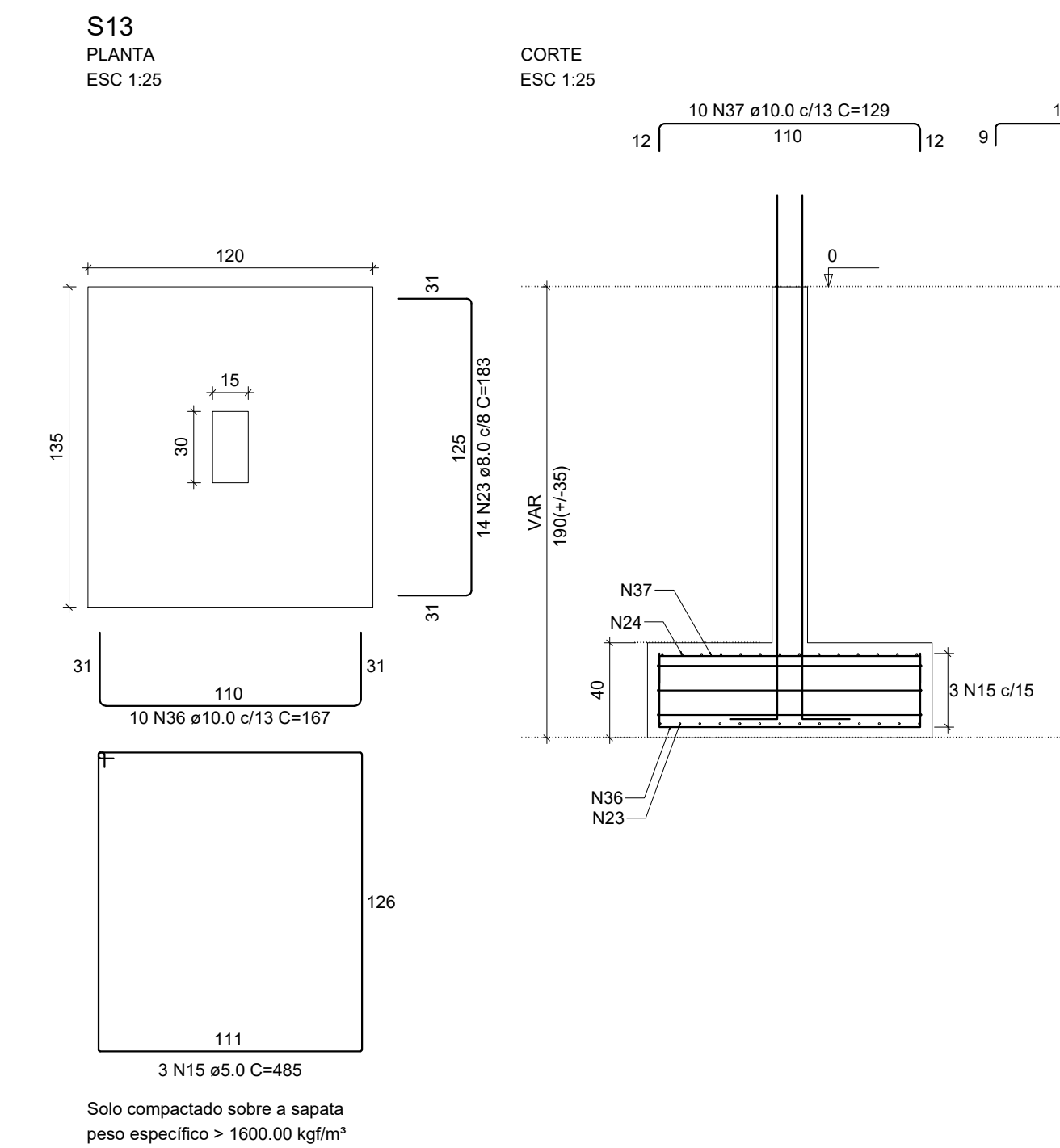
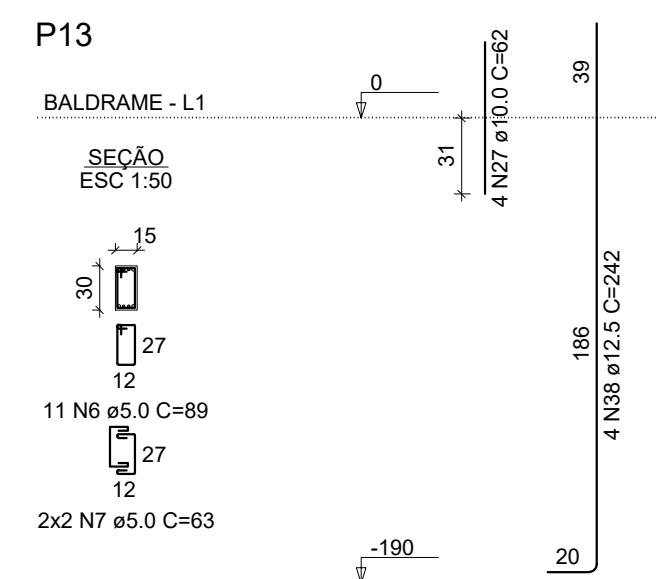
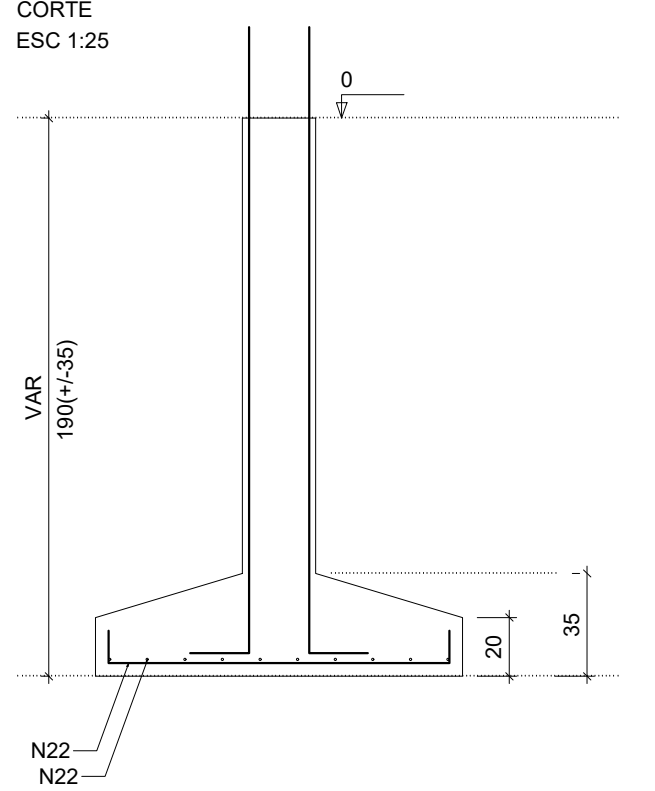
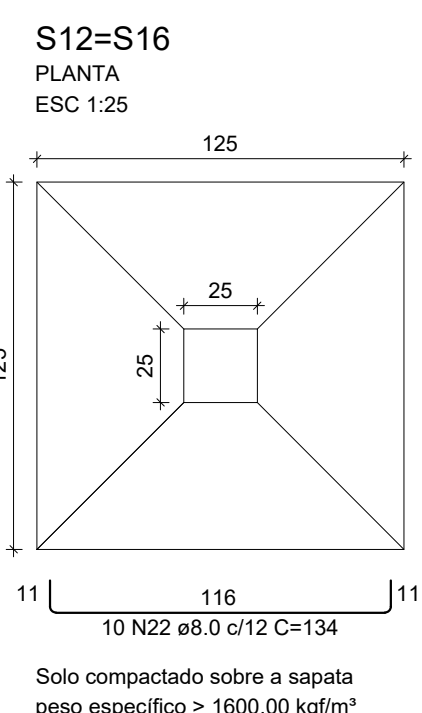
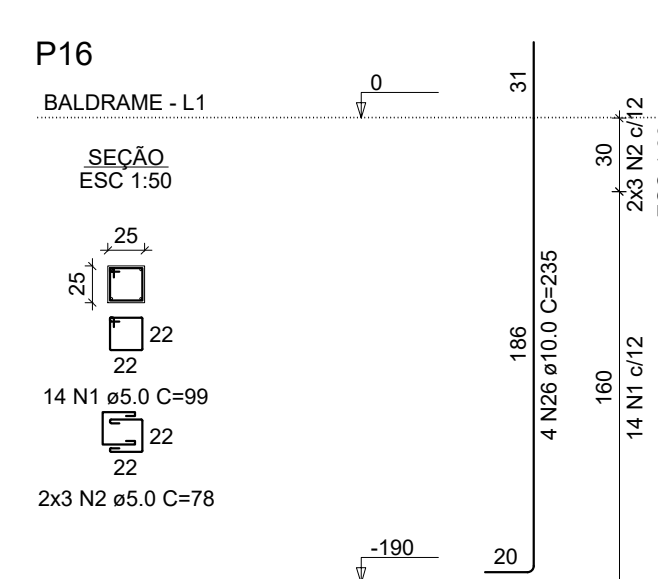
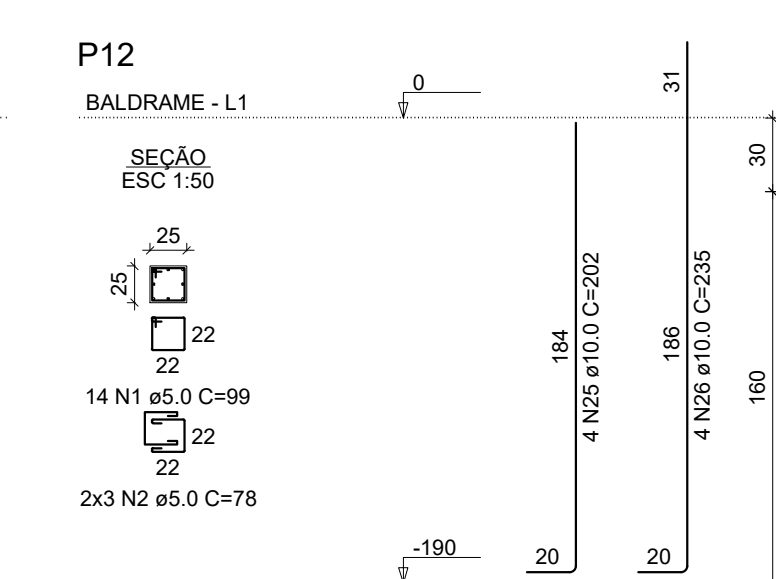
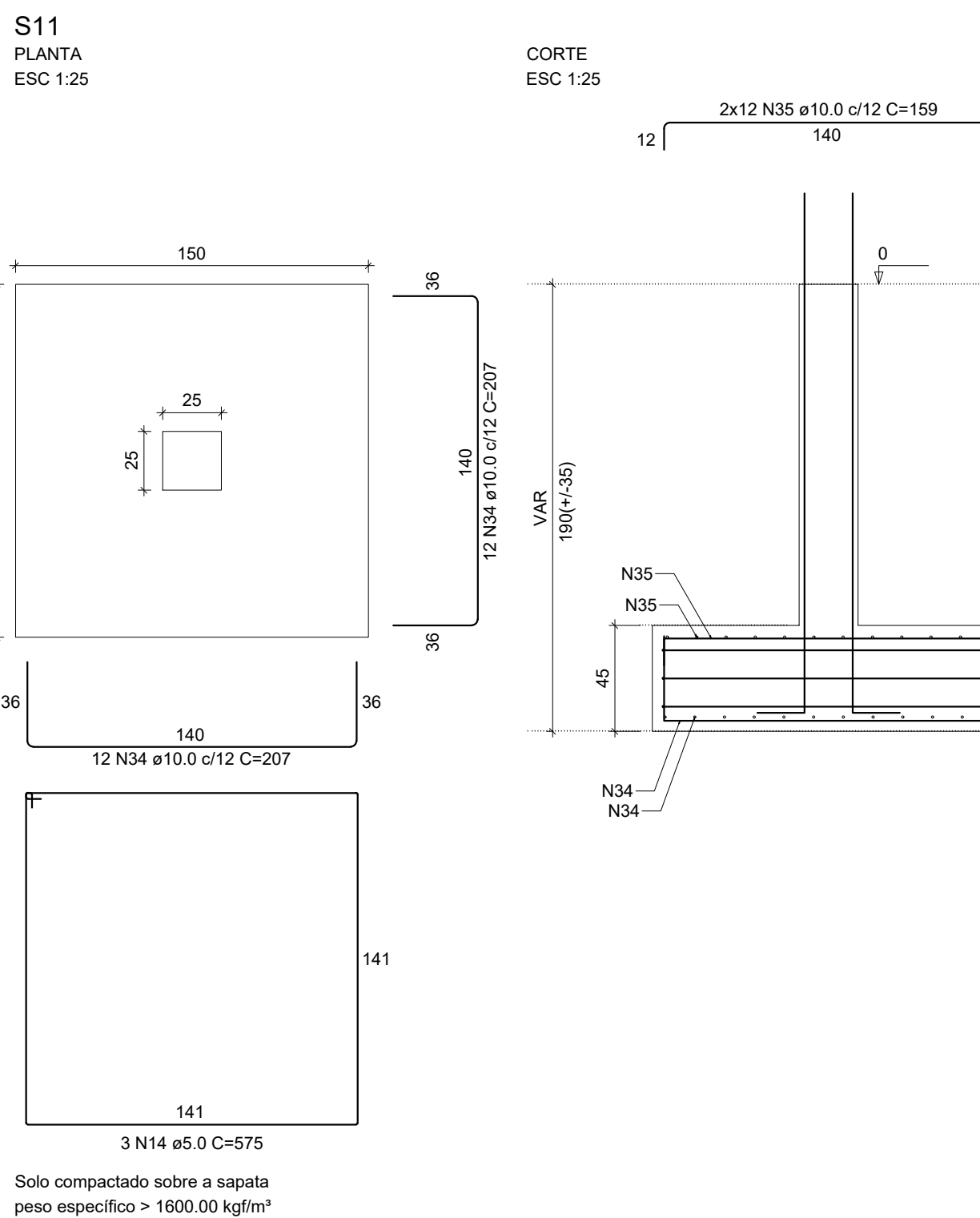
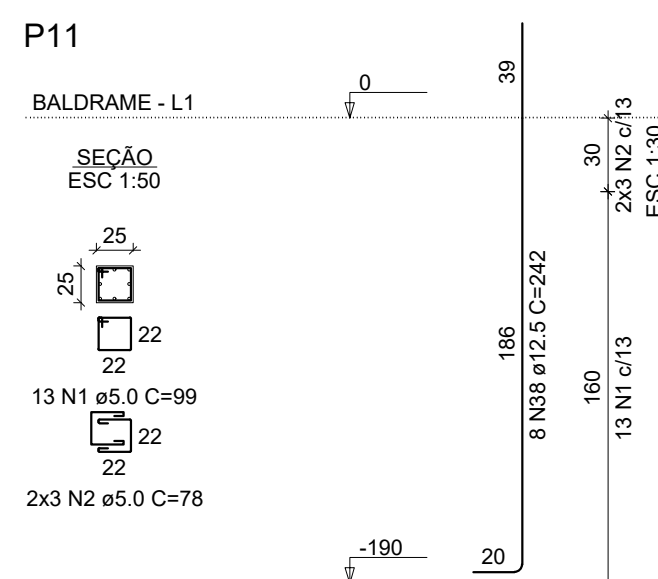
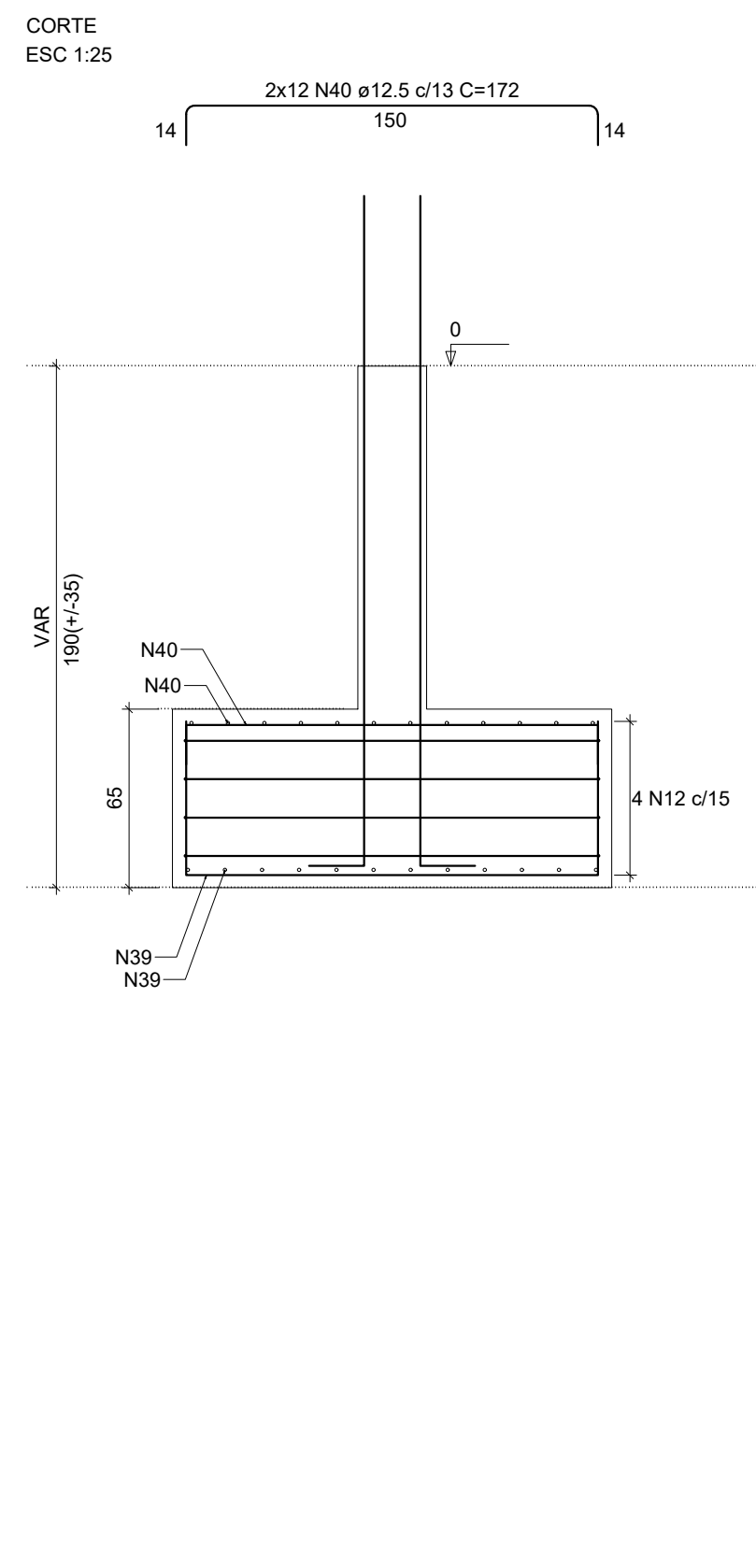
RELAÇÃO DO AÇO					
2AP1	P2	P3	P4	P5	P6
P10	P11	P12	P13	P14	P16
2xS1	S2	S3	S4	S5	S6
S11	2xS12	S13	S14	S15	S16
CA50	N	DIAM (mm)	QUANT	C UNIT (cm)	C TOTAL (cm)
1	1	5.0	186	99	18414
2	2	5.0	84	78	6552
3	3	5.0	16	37	592
4	4	5.0	13	129	1677
5	5	5.0	6	93	558
6	6	5.0	11	89	979
7	7	5.0	3	153	459
8	8	5.0	6	415	2490
9	9	5.0	6	566	3396
10	10	5.0	3	605	1815
11	11	5.0	3	535	1605
12	12	5.0	6	515	3090
13	13	5.0	6	555	3330
14	14	5.0	3	515	1545
15	15	5.0	3	485	1455
16	16	5.0	3	55	165
17	17	8.0	64	114	7296
18	18	8.0	15	255	3825
19	19	8.0	15	144	2160
20	20	8.0	13	153	1989
21	21	8.0	13	109	1417
22	22	8.0	10	134	1340
23	23	8.0	14	183	2562
24	24	8.0	14	139	1946
25	25	10.0	12	202	2424
26	26	10.0	24	235	5640
27	27	10.0	20	62	1240
28	28	10.0	11	172	1892
29	29	10.0	10	134	1340
30	30	10.0	54	152	8208
31	31	10.0	11	182	2002
32	32	10.0	64	154	9856
33	33	10.0	11	144	1584
34	34	10.0	24	207	4968
35	35	10.0	24	159	3816
36	36	10.0	10	129	1290
37	37	12.5	38	242	9198
38	38	12.5	38	242	9198
39	39	12.5	98	255	24576
40	40	15.0	4	165	660
41	41	15.0	4	252	1008
42	42	20.0	16	292	4752

RESUMO DO AÇO					
CA50	DIAM (mm)	C TOTAL (m)	QUANT + 10% (Barra)	PESO + 10% (kg)	
CA50	8.0	356.6	33	54.8	
	10.0	465.5	43	315.7	
	12.5	503.8	47	832.8	
	16.0	10.1	1	17.5	
	20.0	41.9	4	113.7	
	5.0	522	48	88.5	

PESO TOTAL (kg)
CA50 88.5
CA50 1134.6
CA50 88.5
Volume de concreto (C-30) = 1.94 m³
Volume de concreto (C-25) = 13.73 m³
Área de forma = 68.40 m²



S6=S7=S8=S9
PLANTA
ESC 1:25



ANC Engenharia

Barracão

OBRA: Estrutural
ENDEREÇO: RUA ALCIDES BORTOLOSSI

RESPONSÁVEL TÉCNICO:
Eng. Civil Cleomar Nunes de Almeida CREA: PR-189110/D

PRANCHA:
Sapatas

PAYMENTO: 1 UNIDADE: 420,00m² CONJUNTO

PROPRIETÁRIO: Pref. Mun. Itapejara D'Oeste

DESENHO: Eng. Civil Cleomar Nunes de Almeida Crea PR 189110/D DATA: 17/12/2021

FOLHA
1
3/5

caminho do arquivo