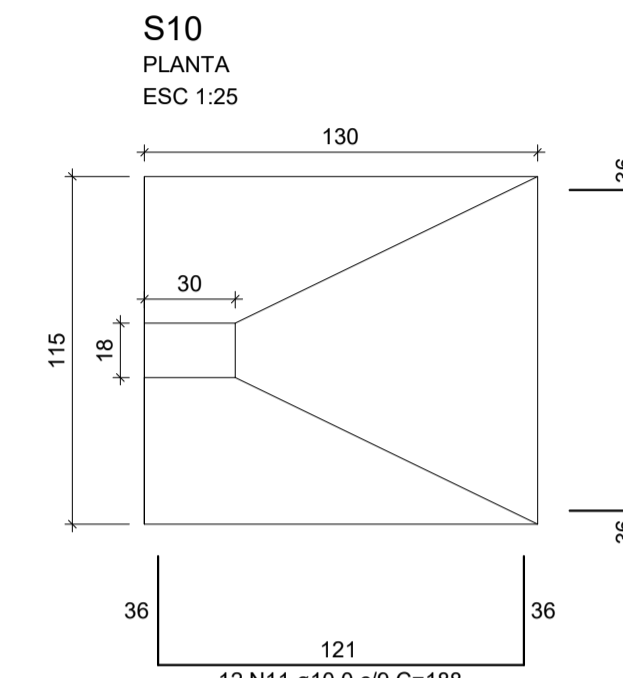
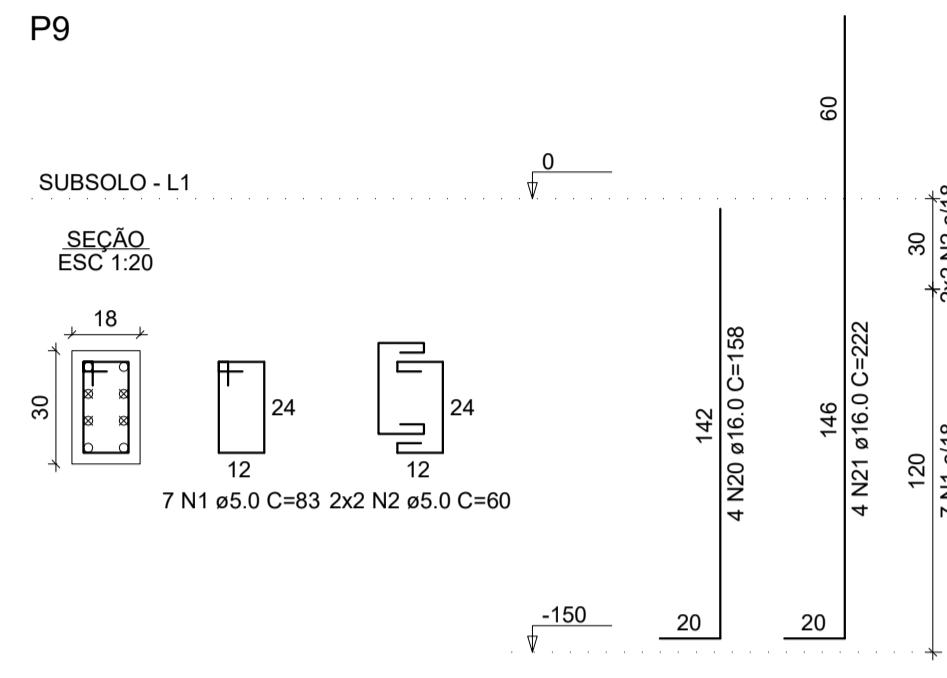
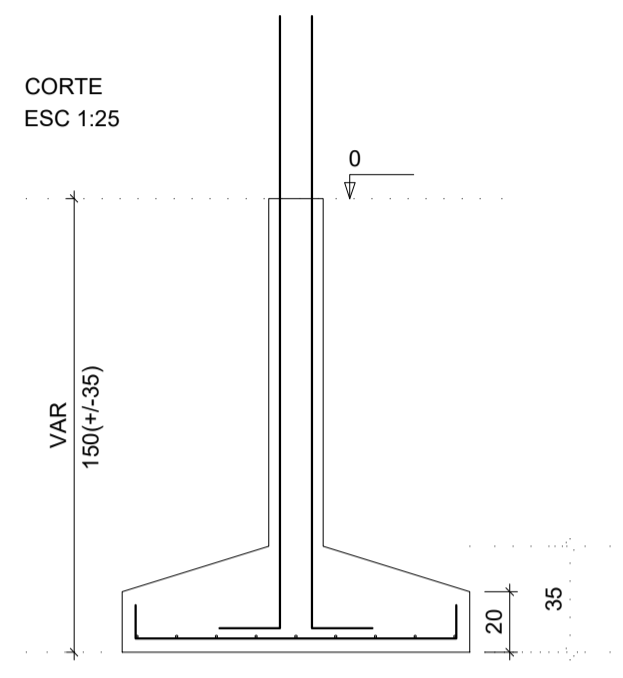
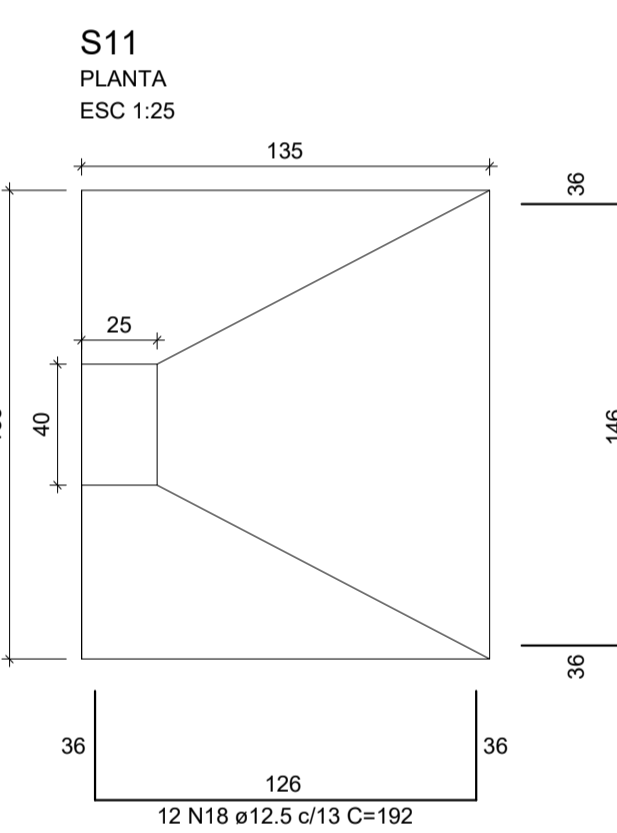
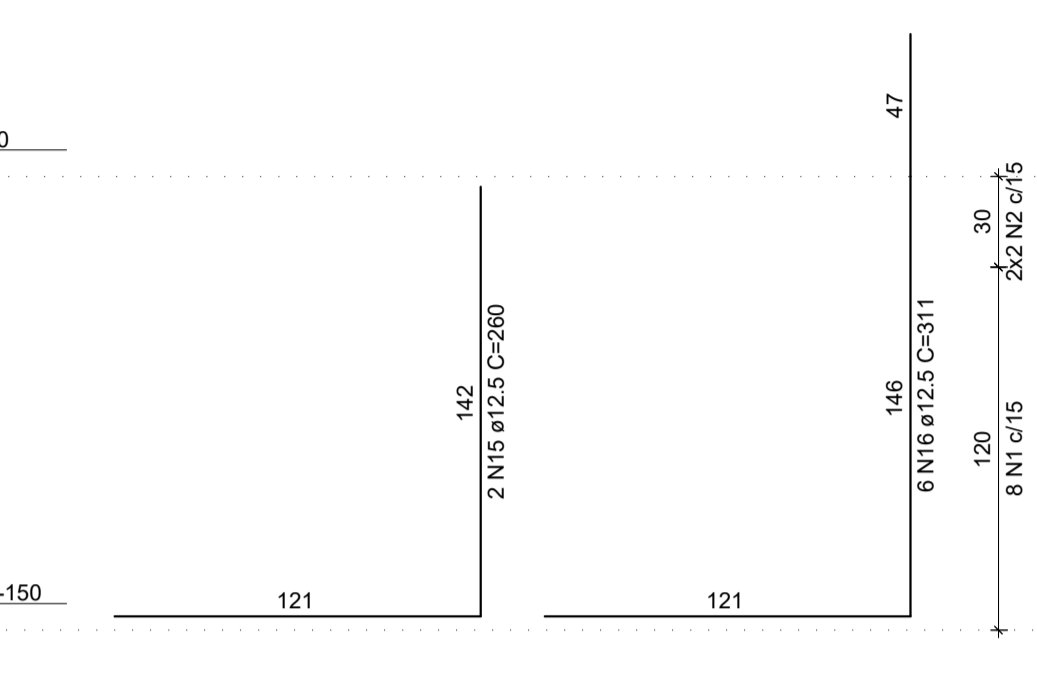
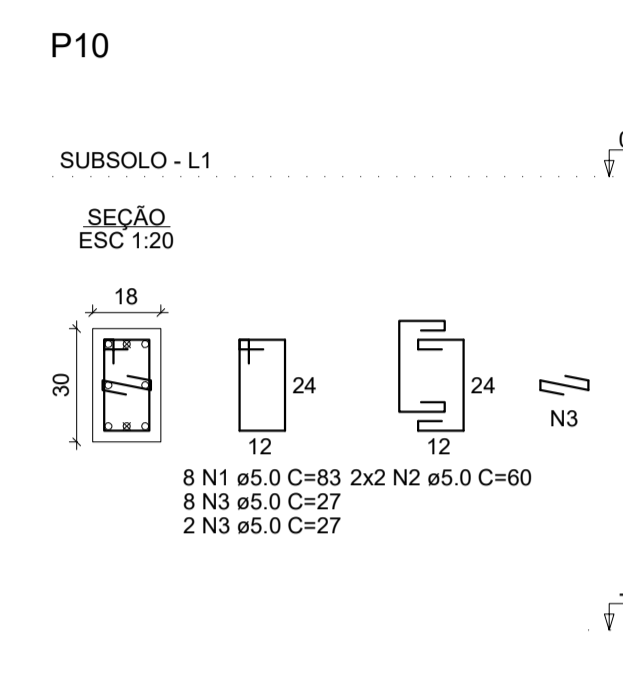
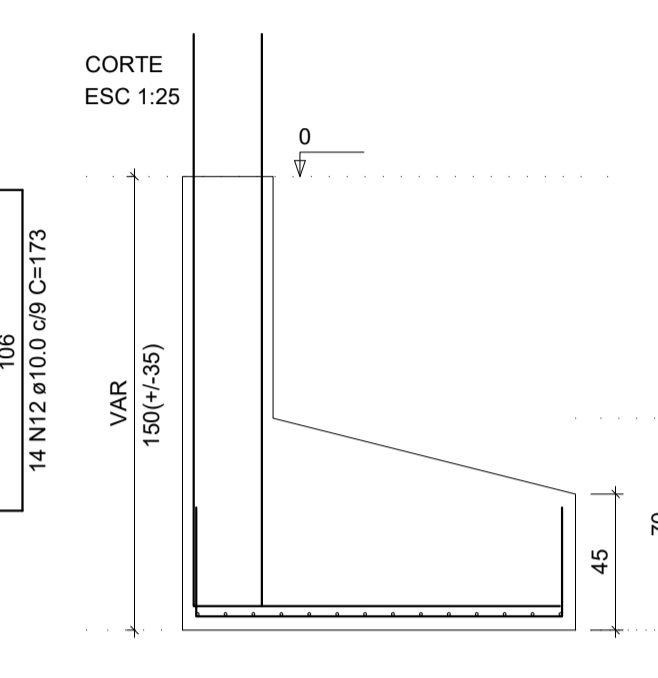


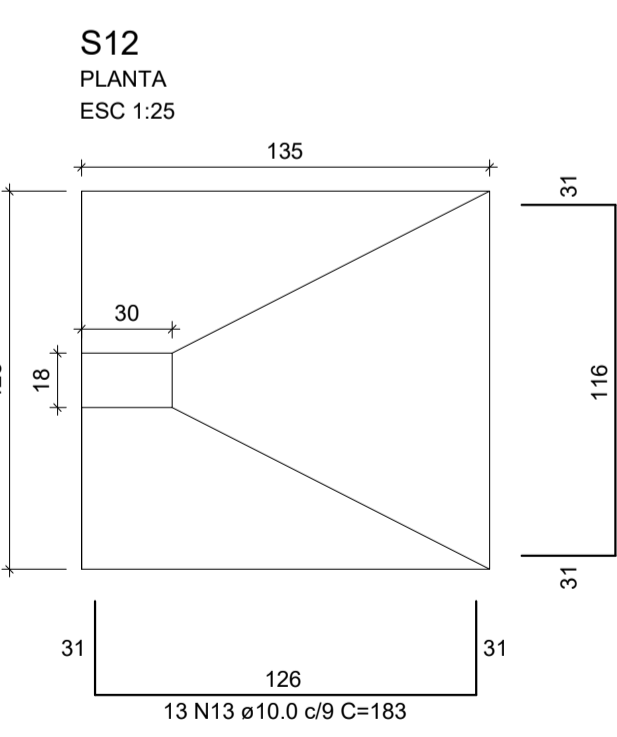
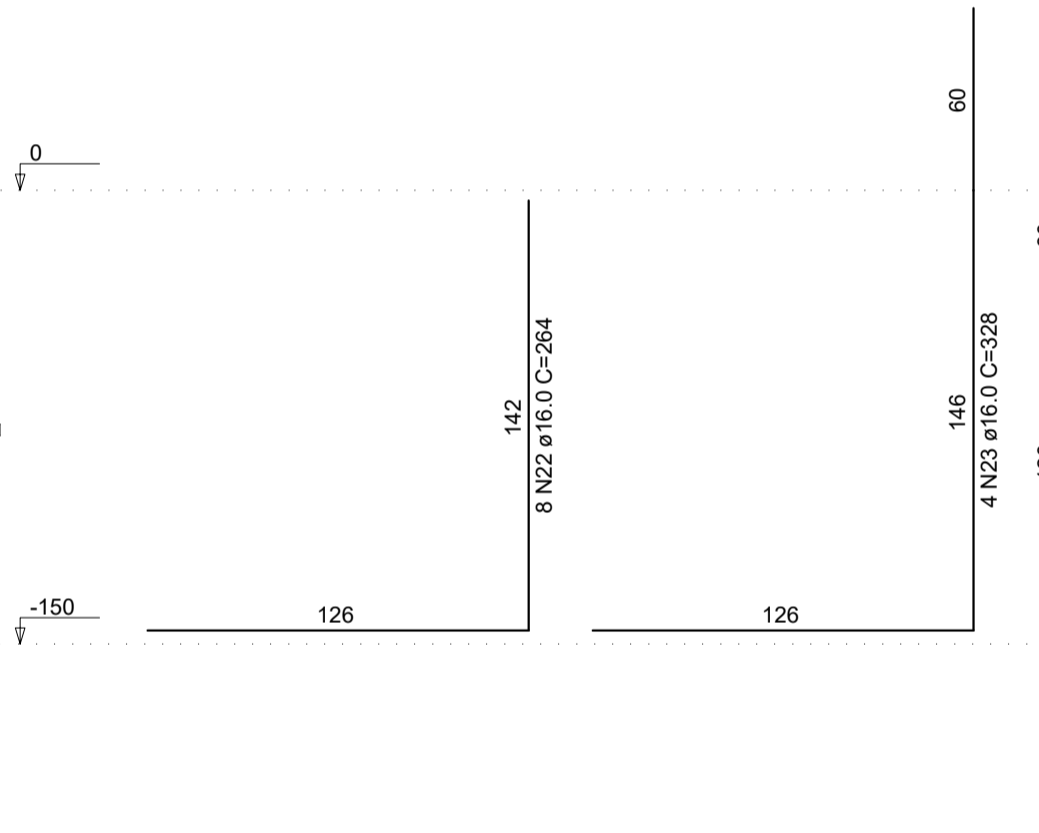
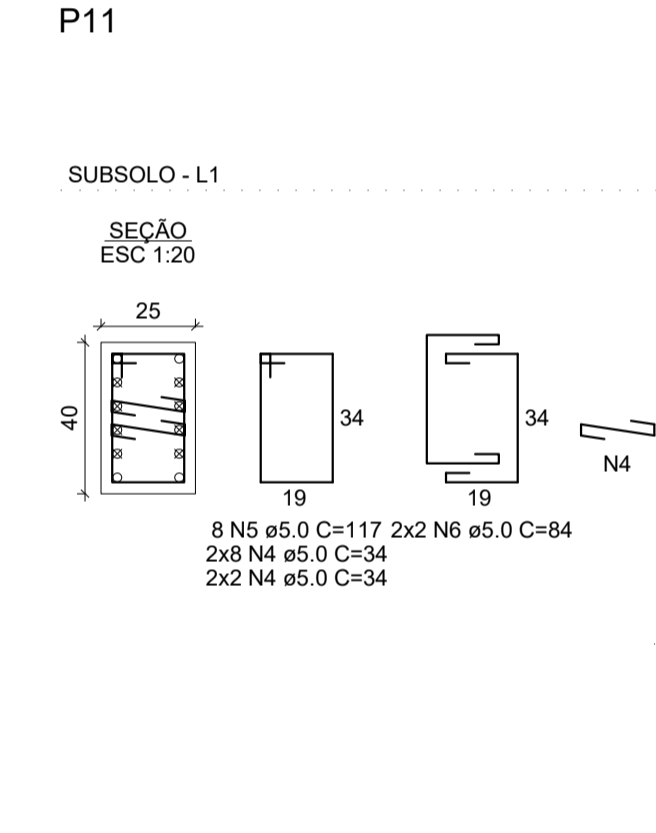
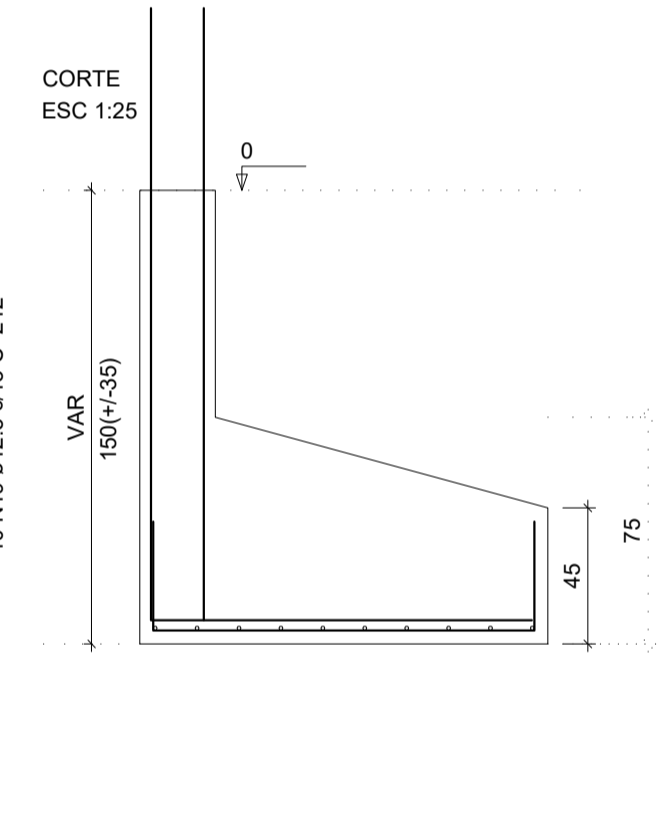
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1900.00 kgf/m³



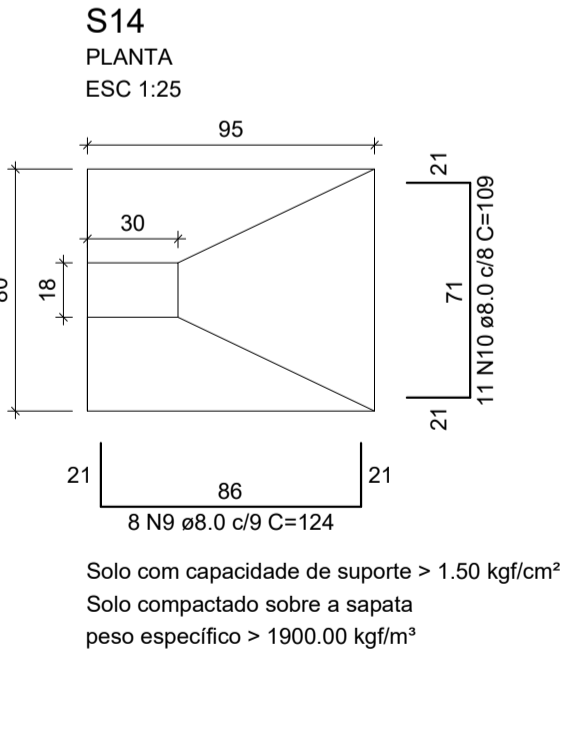
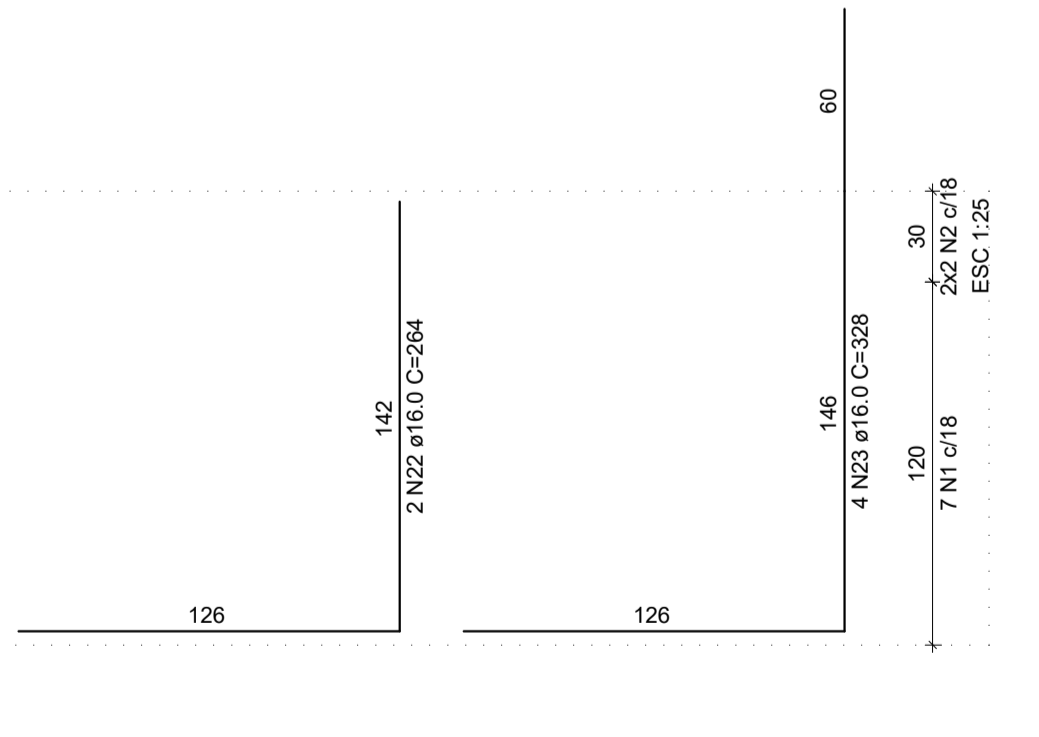
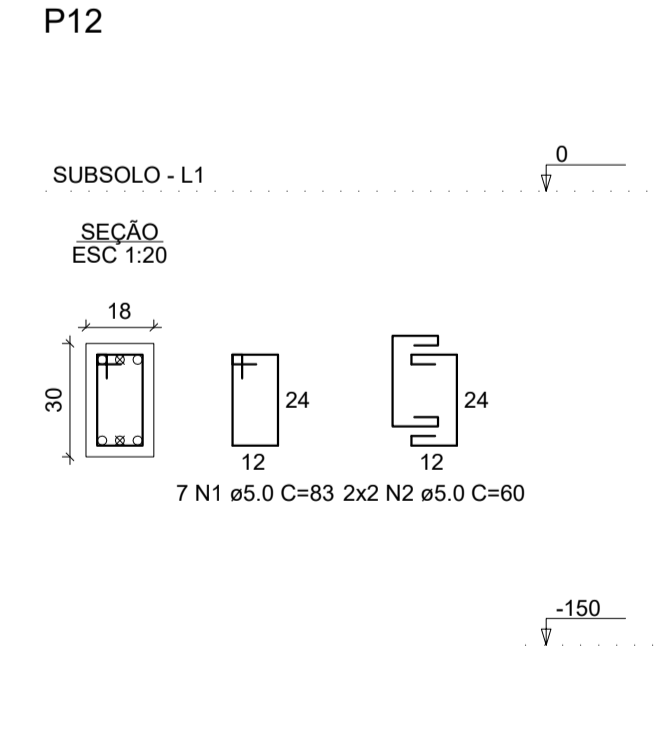
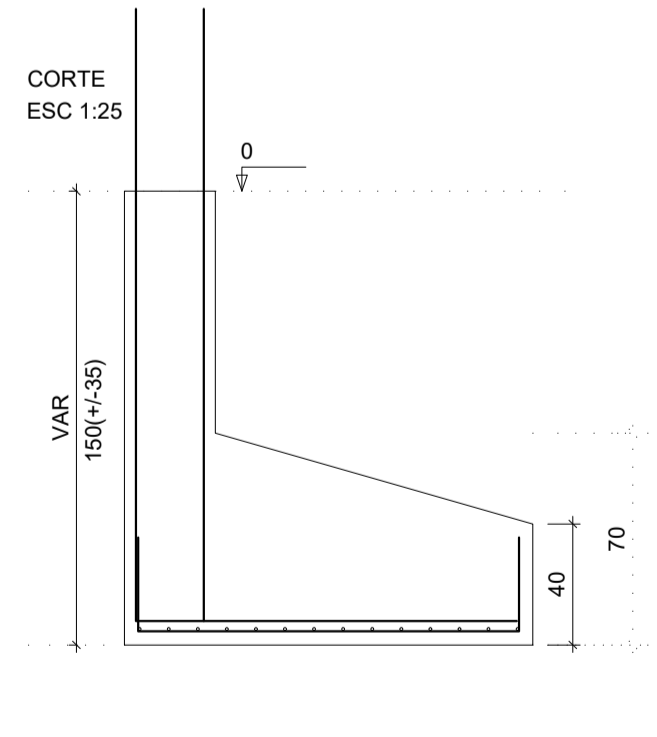
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1900.00 kgf/m³



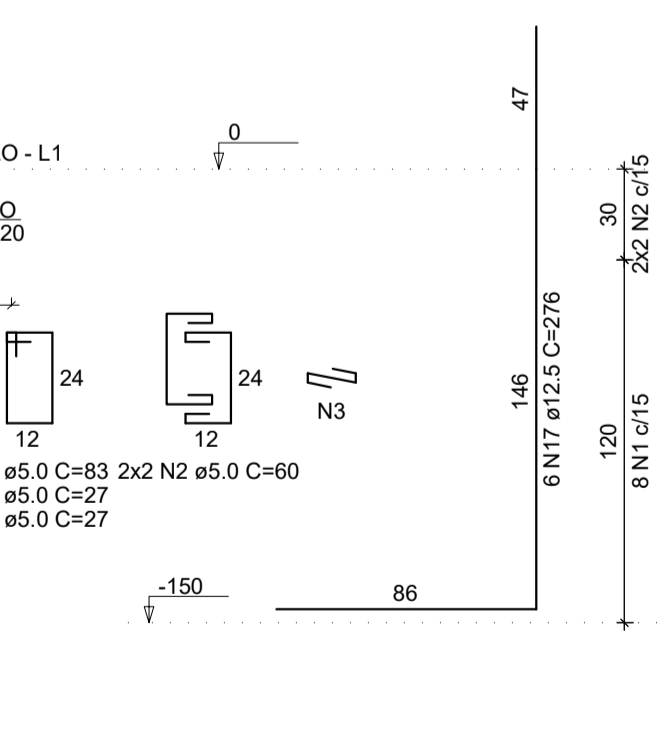
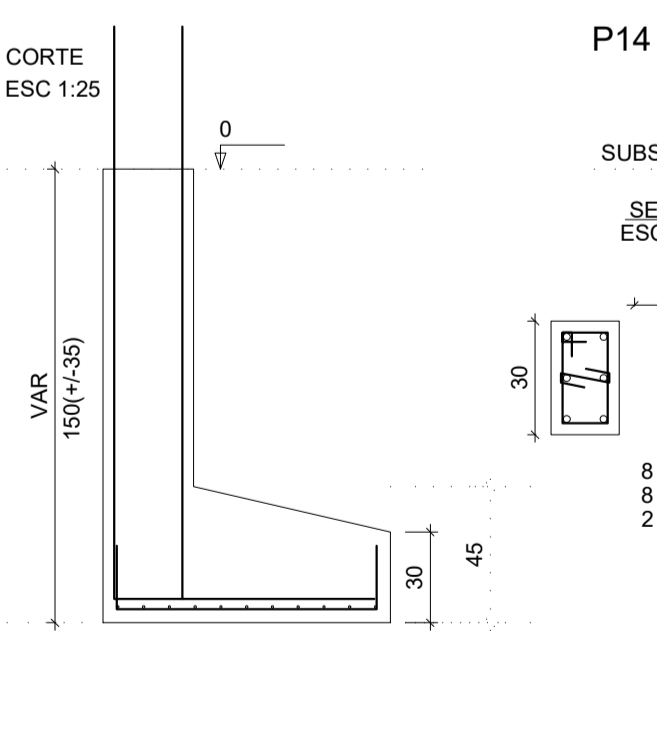
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1900.00 kgf/m³



Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1900.00 kgf/m³



Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1900.00 kgf/m³



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	30	83	2480
	2	5.0	16	60	960
	3	5.0	20	27	540
	4	5.0	20	34	680
CA50	5	5.0	8	117	936
	6	5.0	4	84	336
	7	8.0	10	124	1240
	8	8.0	9	134	1206
	9	8.0	8	124	992
	10	8.0	11	109	1199
	11	10.0	12	188	2256
	12	10.0	14	173	2422
	13	10.0	13	183	2379
	14	10.0	14	173	2422
15	12.5	2	260	520	
16	12.5	6	311	1866	
17	12.5	6	276	1656	
18	12.5	12	192	2304	
19	12.5	10	212	2120	
20	16.0	4	158	632	
21	16.0	4	222	888	
22	16.0	10	264	2640	
23	16.0	8	328	2624	

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	46.4	20.1
	10.0	94.8	64.3
	12.5	84.7	99.7
CA60	16.0	67.8	117.8
	5.0	59.4	10.1
PESO TOTAL (kg)			
CA50		291.9	
CA60		10.1	

Volume de concreto (C-25) = 4.04 m³
Área de forma = 17.86 m²



Rua Roberto Trompowski, 68 2º andar Tel: 49 3522.2800 Fax: 35220235 www.ammoc.com.br e-mail ammoc@ammoc.com.br - JOAÇABA SC

PREFEITURA MUNICIPAL DE CAPINZAL

Obra: PROJETO DE REFORMA E AMPLIAÇÃO CIA LAR
Referência: PROJETO ESTRUTURAL
Local da Obra: RUA EMILIO BARISON

Quaisquer alterações consulte os responsáveis técnicos

Assinatura Responsável Técnico: _____ Assinatura Prefeito(a) Municipal: _____

Projeto: DENIR NARCIZO ZULIAN - ENG. CIVIL - CREA/SC 50.805-8
MICHEL ALBERTI - ENG. CIVIL - CREA/SC 80.032-6
ANA JÚLIA UNGERICH - ENG. CIVIL-CREA/SC 105.295-8

Desenho: ANDRÉ / MAX Data: ABRIL / 2018 Escala: INDICADA(S) Área Total:

Prancha: **EST 02/09**