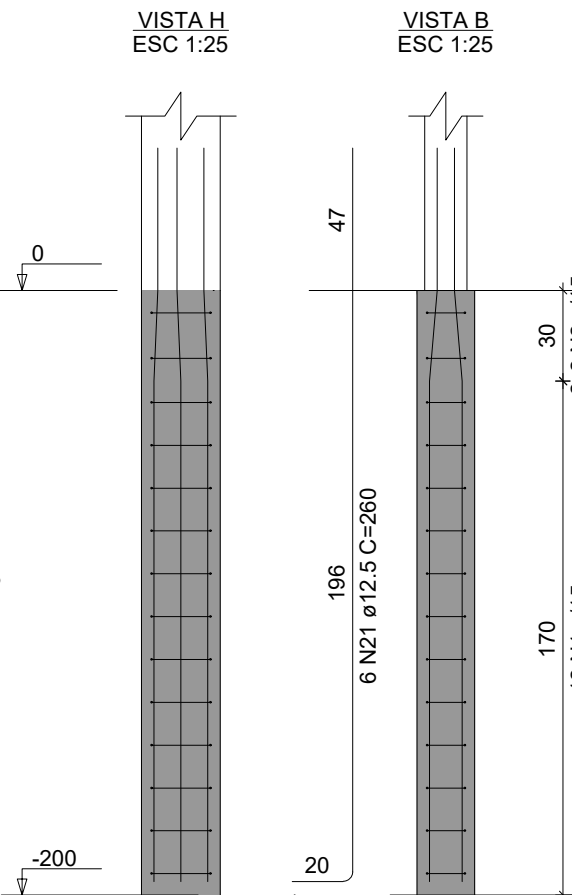
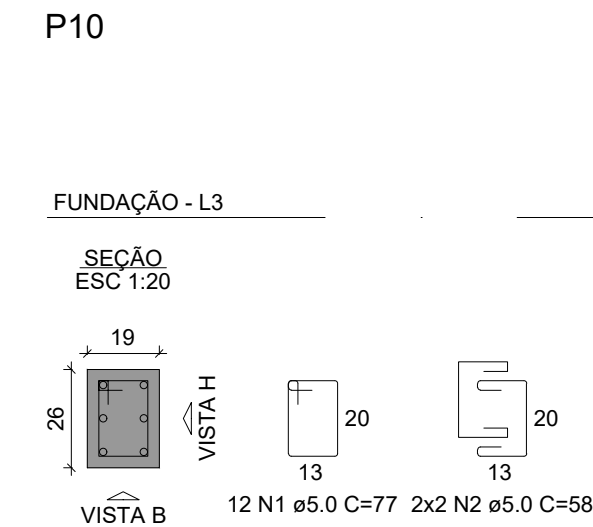
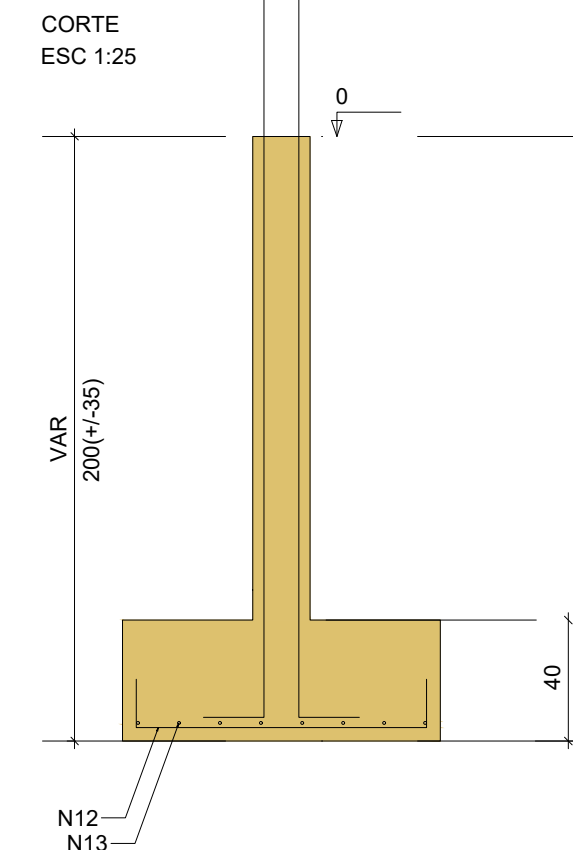
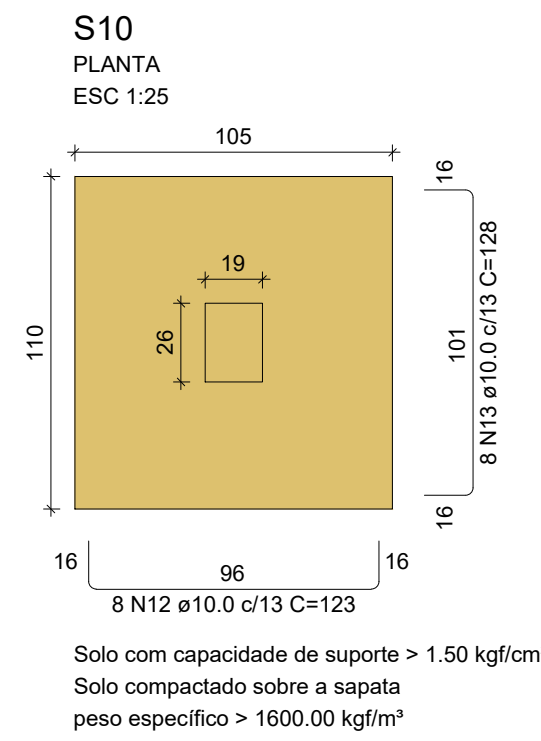
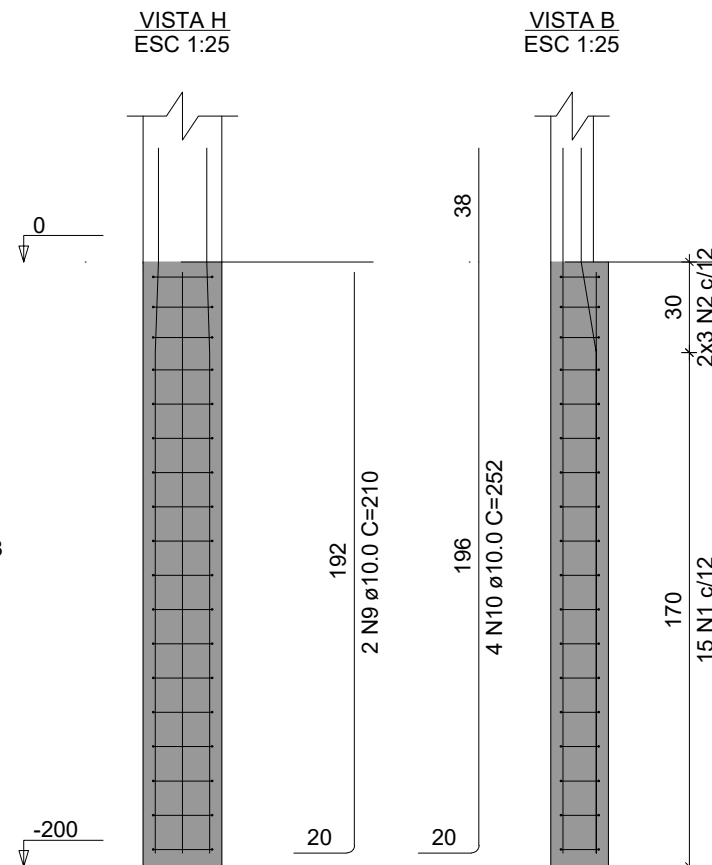
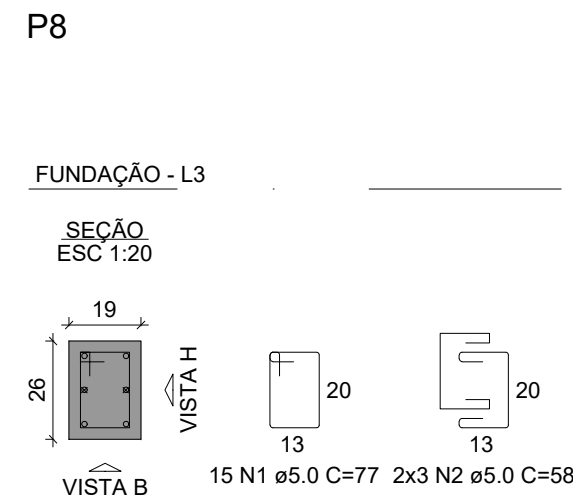
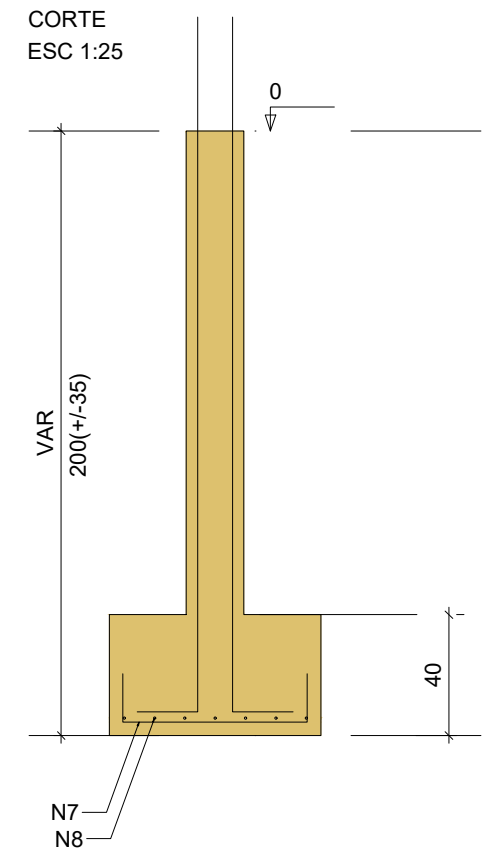
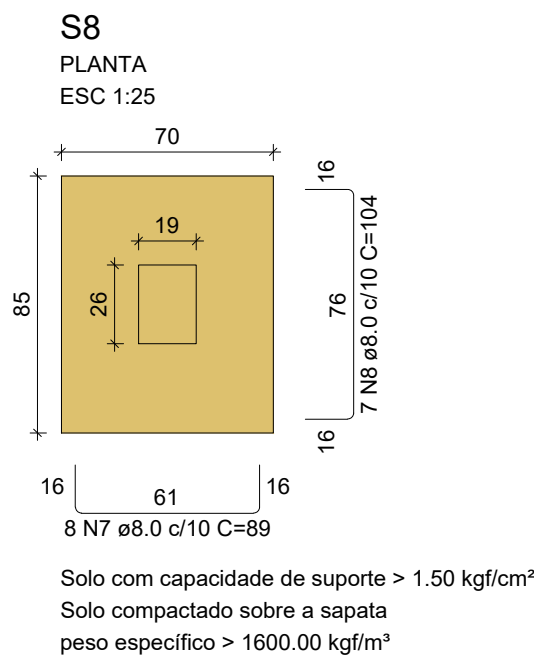
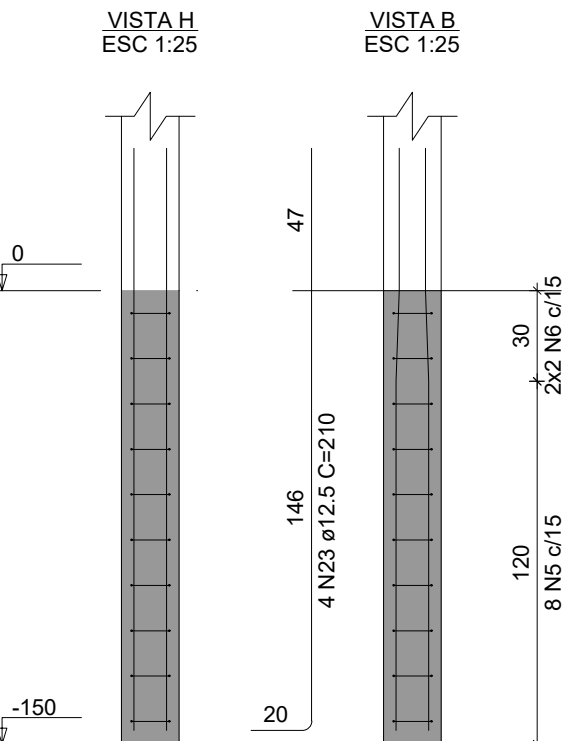
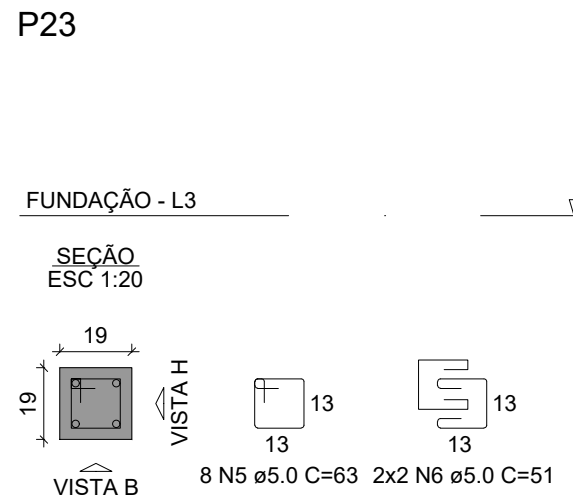
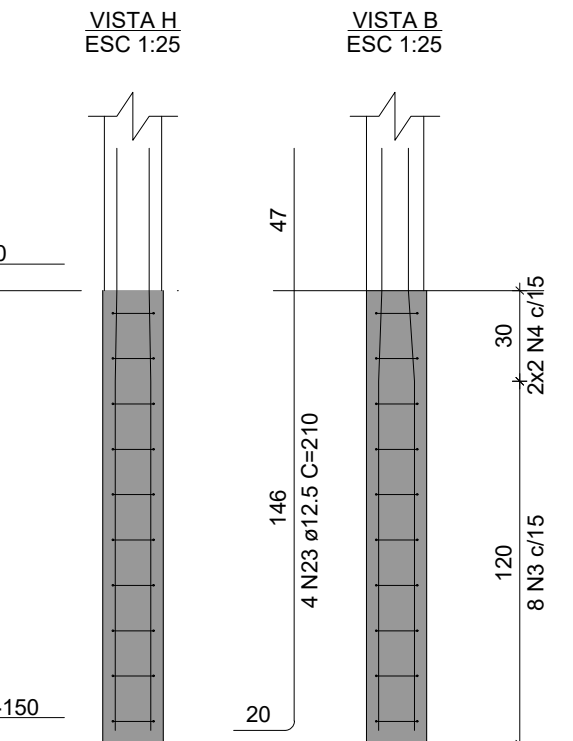
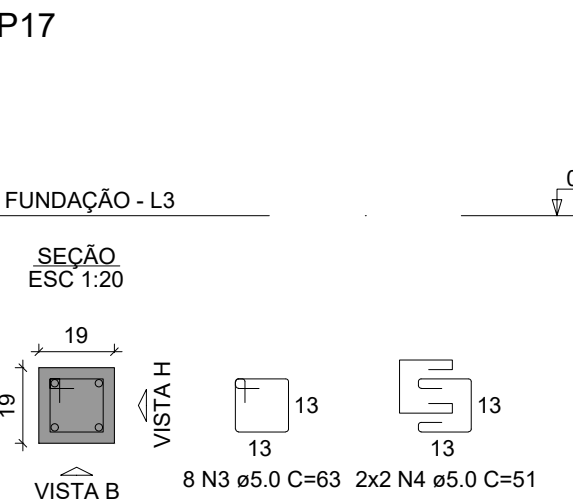
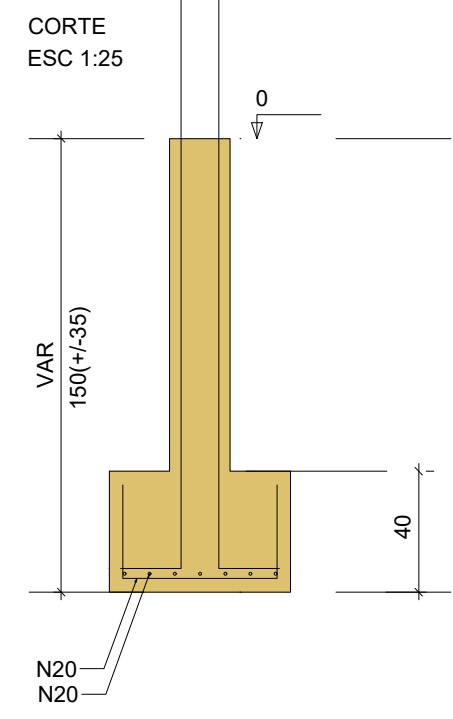
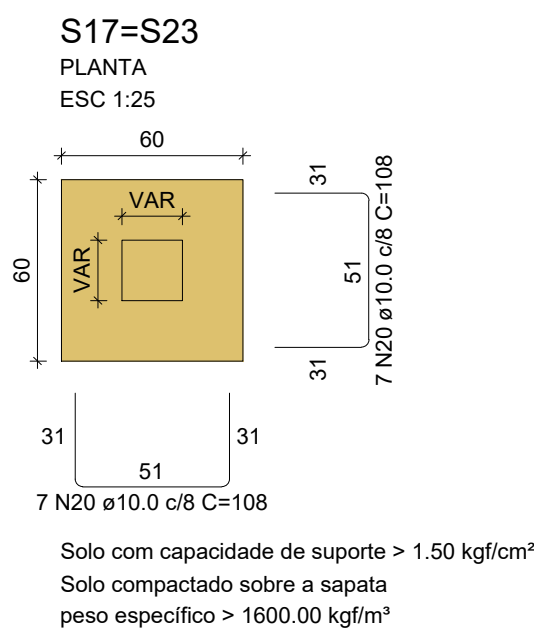
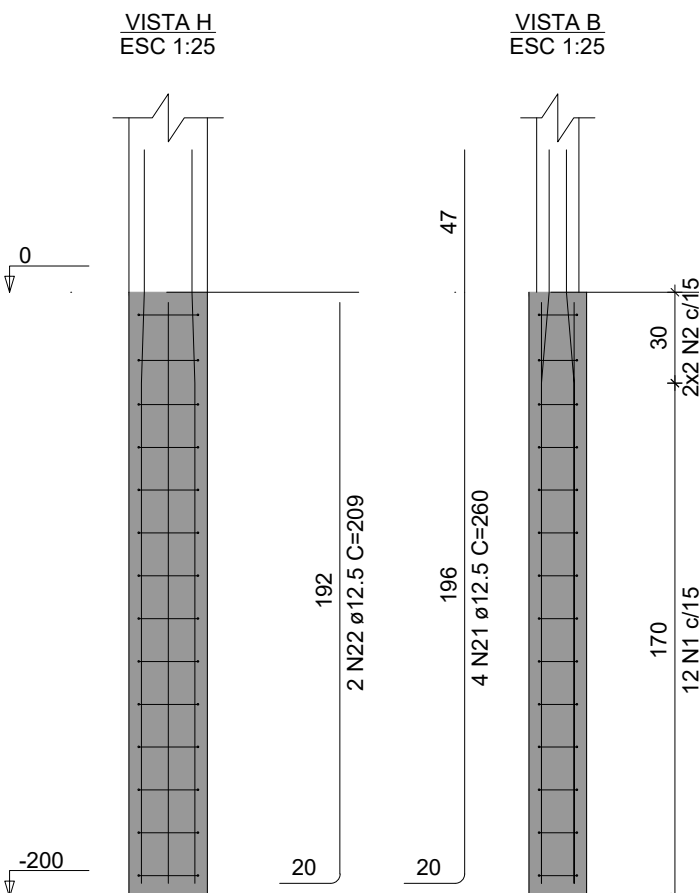
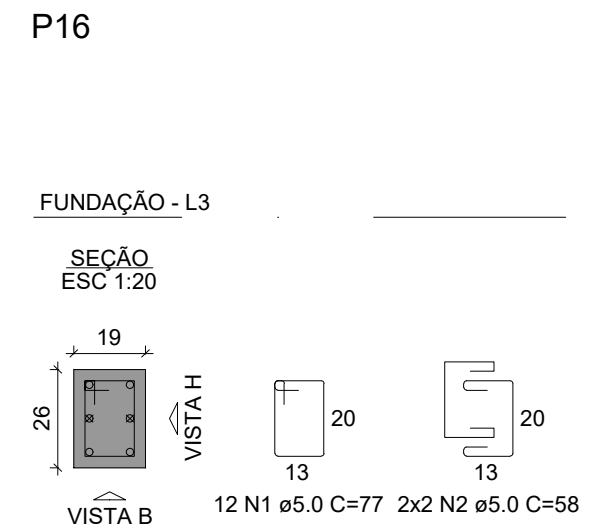
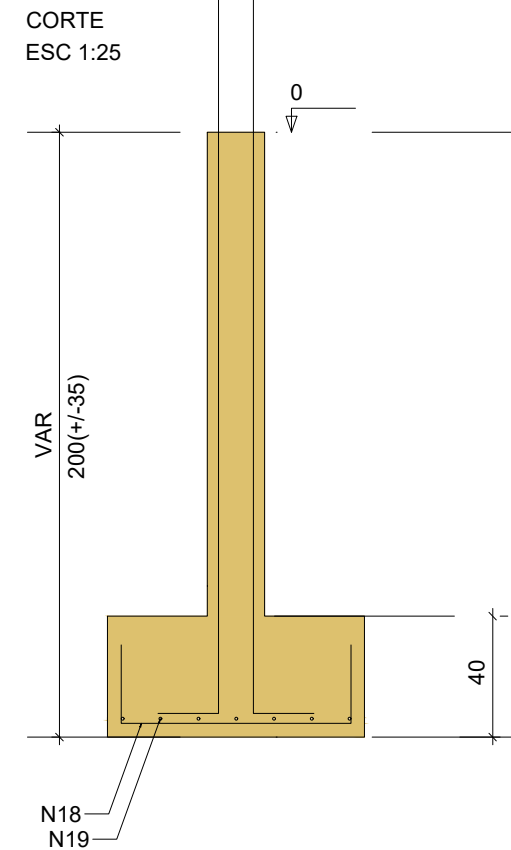
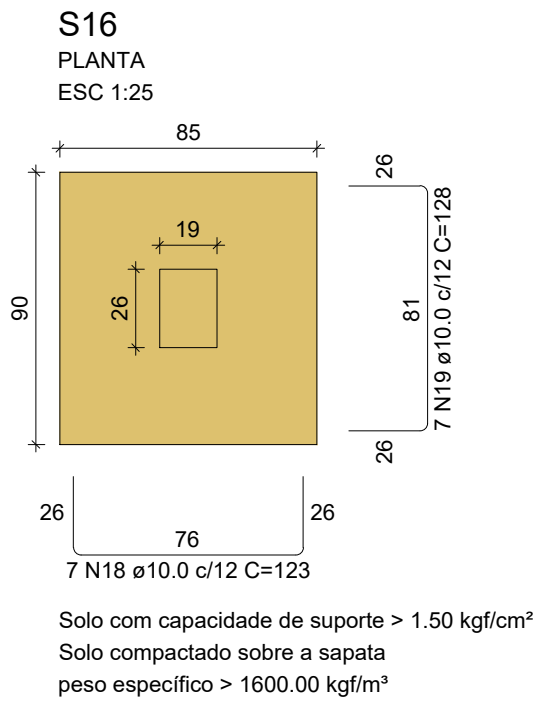
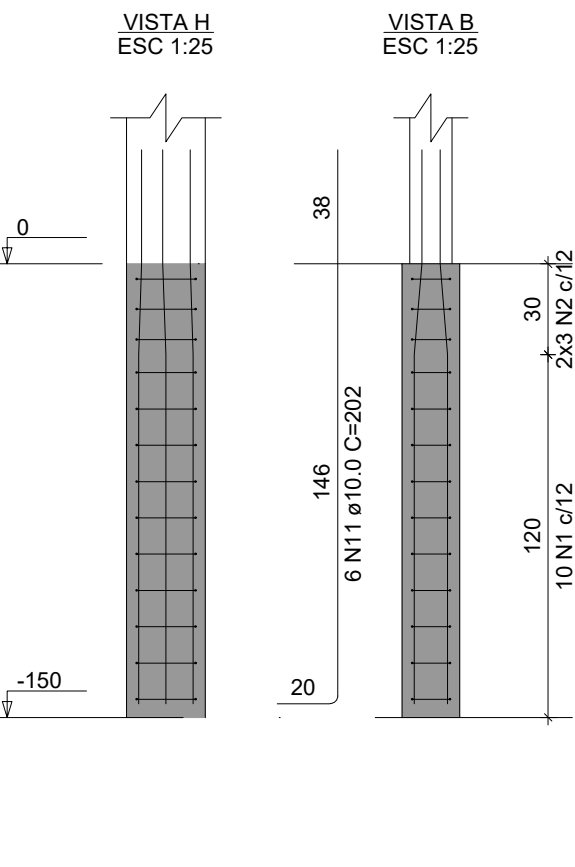
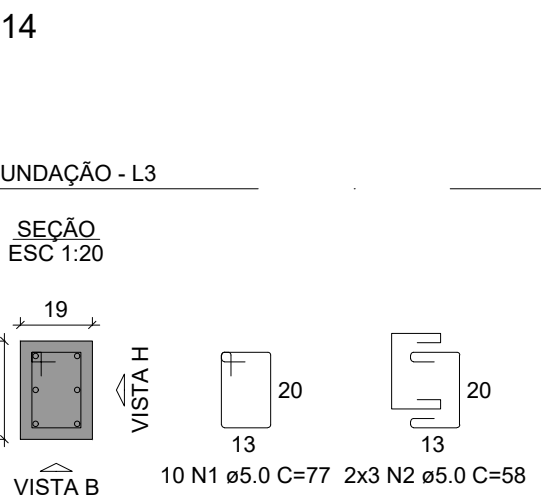
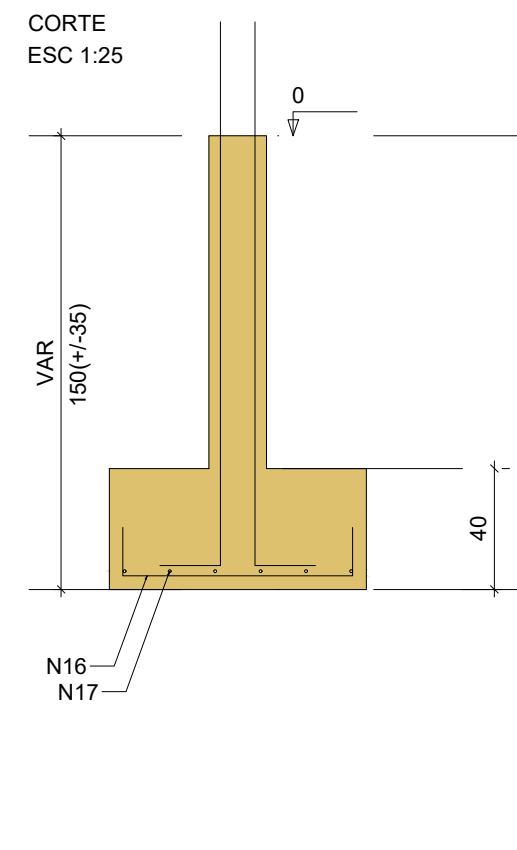
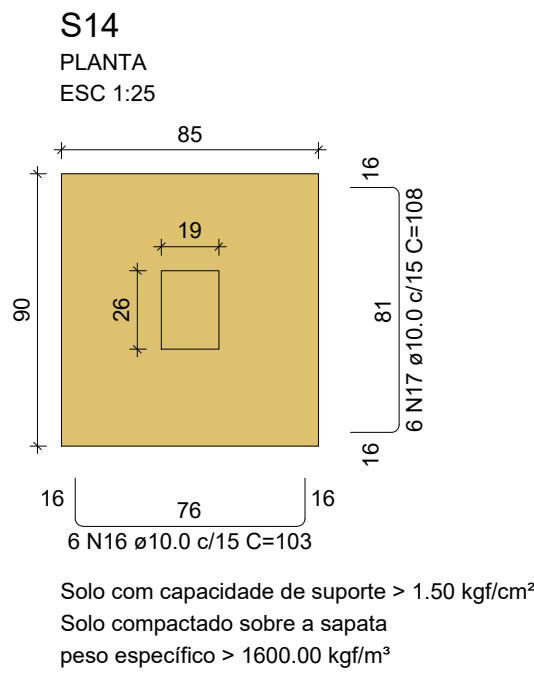
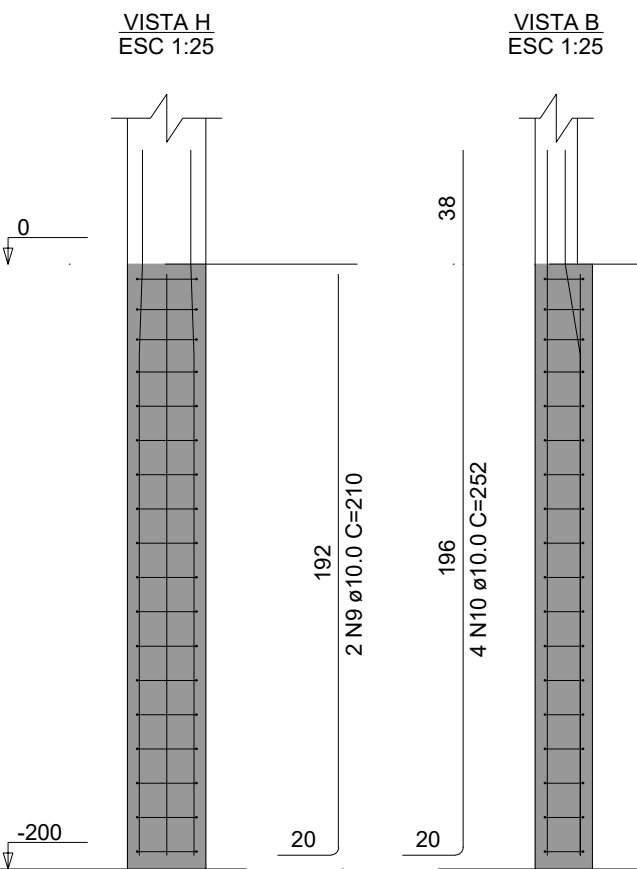
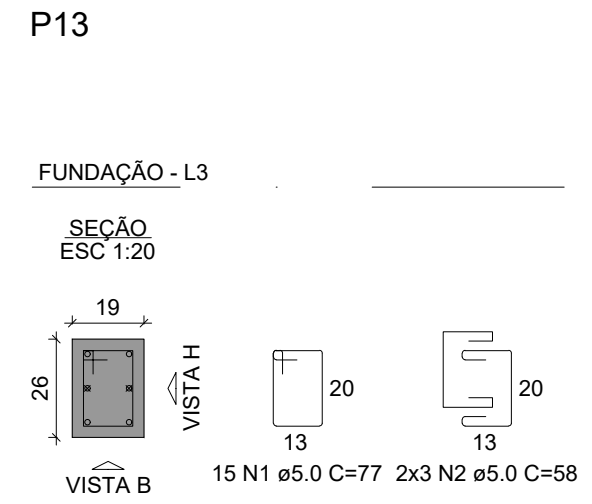
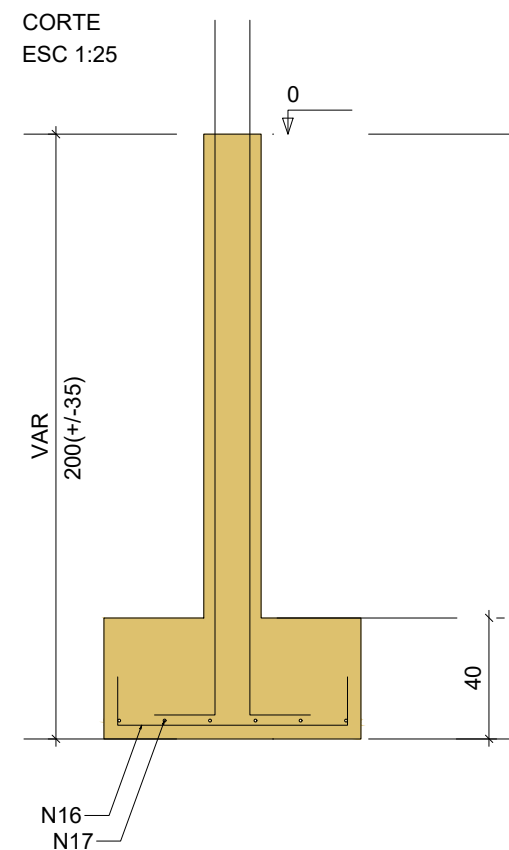
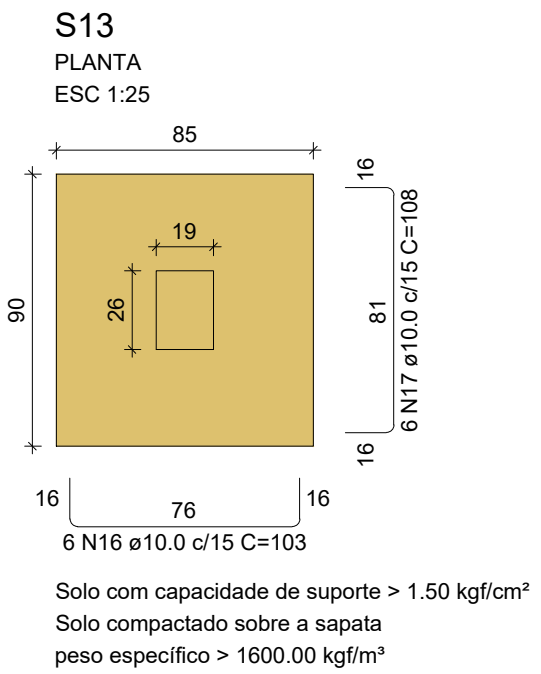
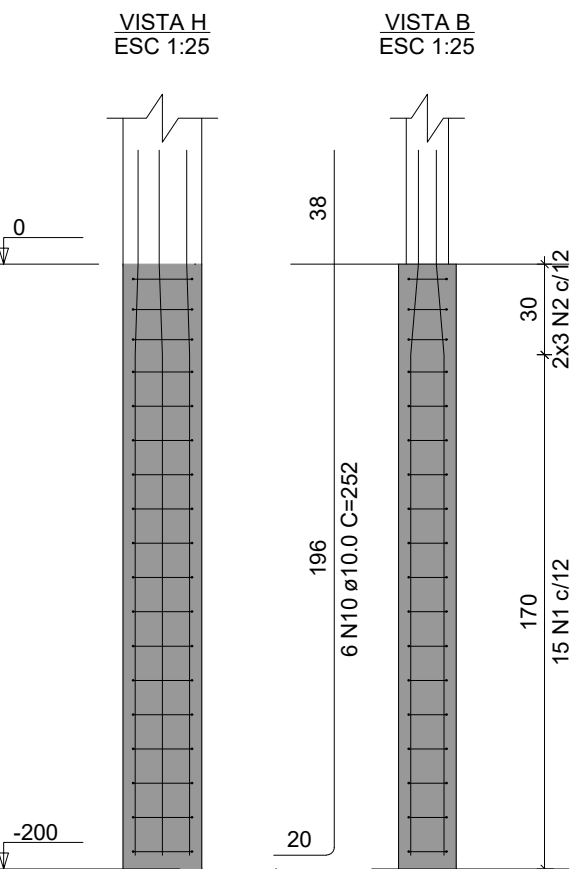
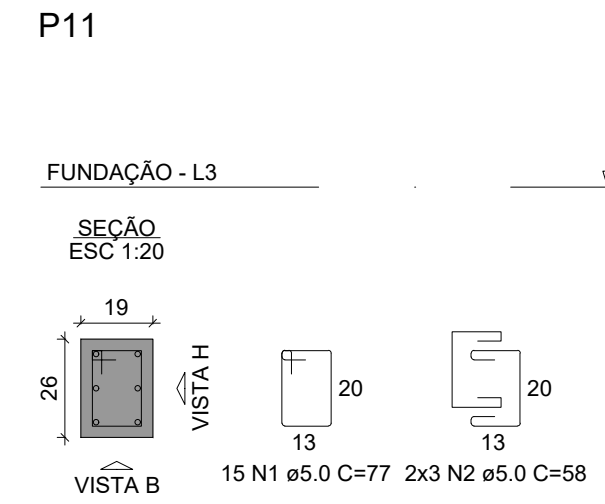
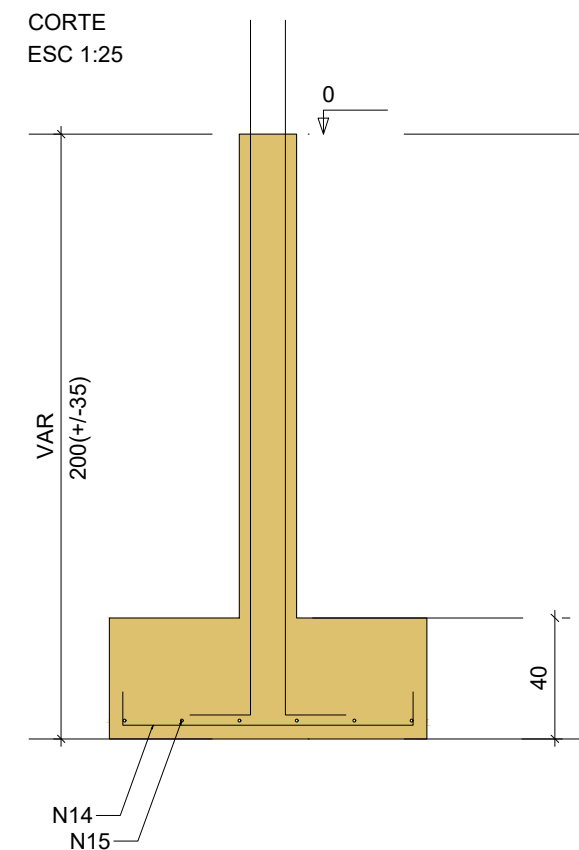
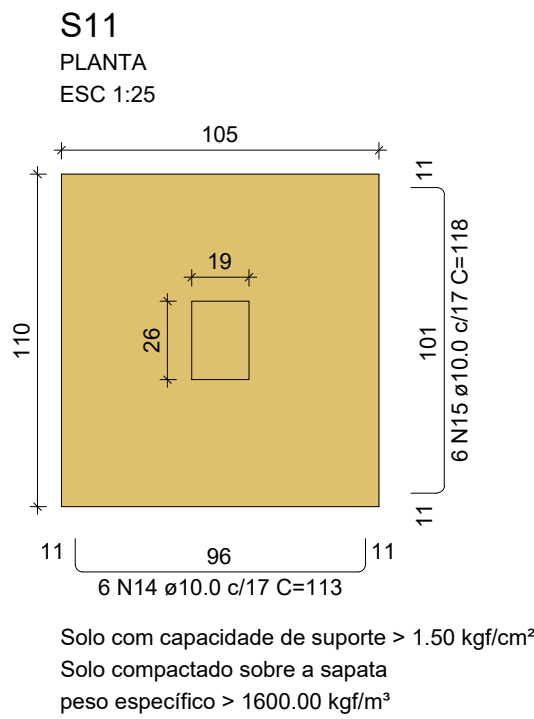




RELAÇÃO DO AÇO				
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)
CA60	1	5.0	79	77
	2	5.0	32	58
	3	5.0	8	63
	4	5.0	4	51
CA50	5	5.0	8	63
	6	5.0	4	51
	7	8.0	8	89
	8	8.0	7	104
	9	10.0	4	210
	10	10.0	14	252
	11	10.0	6	202
	12	10.0	8	123
	13	10.0	8	128
	14	10.0	6	113
CA60	15	10.0	6	118
	16	10.0	12	103
	17	10.0	12	108
	18	10.0	7	123
	19	10.0	7	128
	20	10.0	28	108
	21	12.5	10	260
	22	12.5	2	209
	23	12.5	8	210
				1680

RESUMO DO AÇO				
AÇO	DIAM (mm)	C. TOTAL (m)	PESO (kg)	PESO + 10% (kg)
CA50	8.0	14.4	5.68	6.3
	10.0	162.9	100.5	110.5
	12.5	47	45.26	49.8
CA60	5.0	94	14.47	15.9
PESO TOTAL (kg)			PESO TOTAL (10%) (kg)	
CA50	151.44		CA50	166.5
CA60	14.47		CA60	15.9

Volume de concreto (C-25) = 2.89 m³
Área de forma = 4,78 m²



OBS: COMPACTAR O FUNDO DAS SAPATAS COM COMPACTADOR TIPO SAPO.

Obra PROJETO DE CONSTRUÇÃO DE CENTRO DE IMUNIZAÇÃO DA PREFEITURA MUNICIPAL DE SÃO PEDRO DA UNIÃO RUA VEREDADOR JORGE JOSÉ, Nº S/N, NOVA SÃO PEDRO, SÃO PEDRO DA UNIÃO - MG			
Responsável Técnico Higor Augusto Sabag de Paulo Eng. Civil - CREA MG-238.615/D		Proprietário Município de São Pedro da União CNPJ 18.666.172/0001-64	
Projeto ESTRUTURAS DE CONCRETO ARMADO		Folha 7	
Descrição SAPATAS E ARRANQUES 02		Observações ART: MG20232155585	Fla./Conj. 2 / 17
Data 02/01/2024	Escala INDICADAS	Desenho Higor Sabag	Conferência Higor Sabag