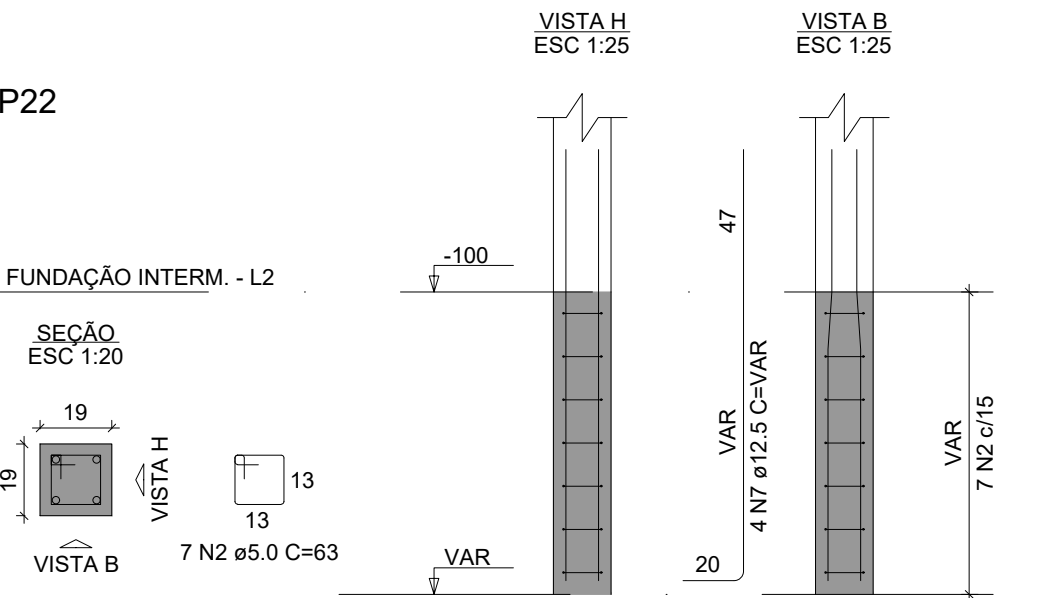
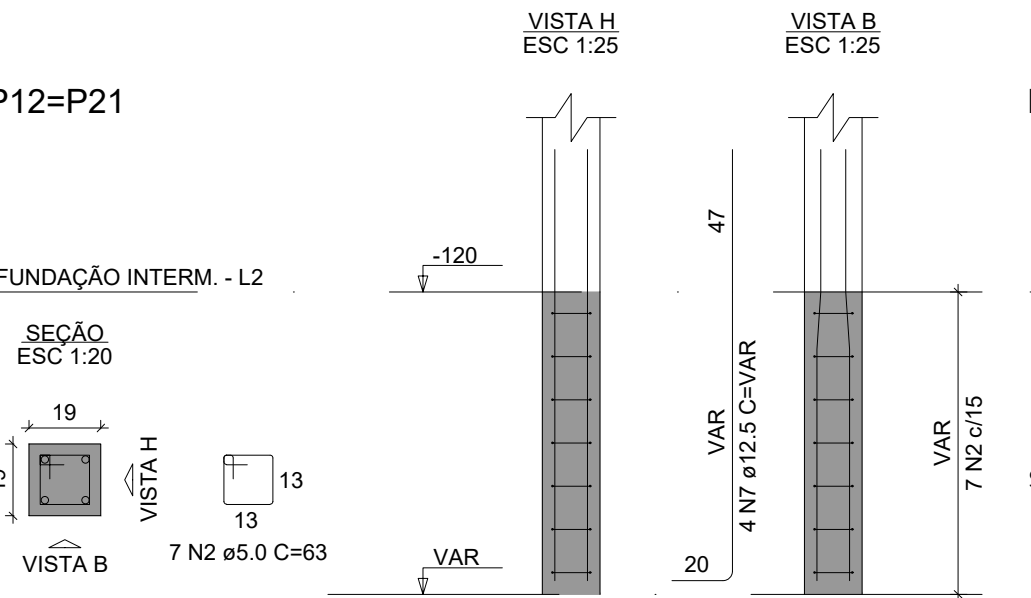
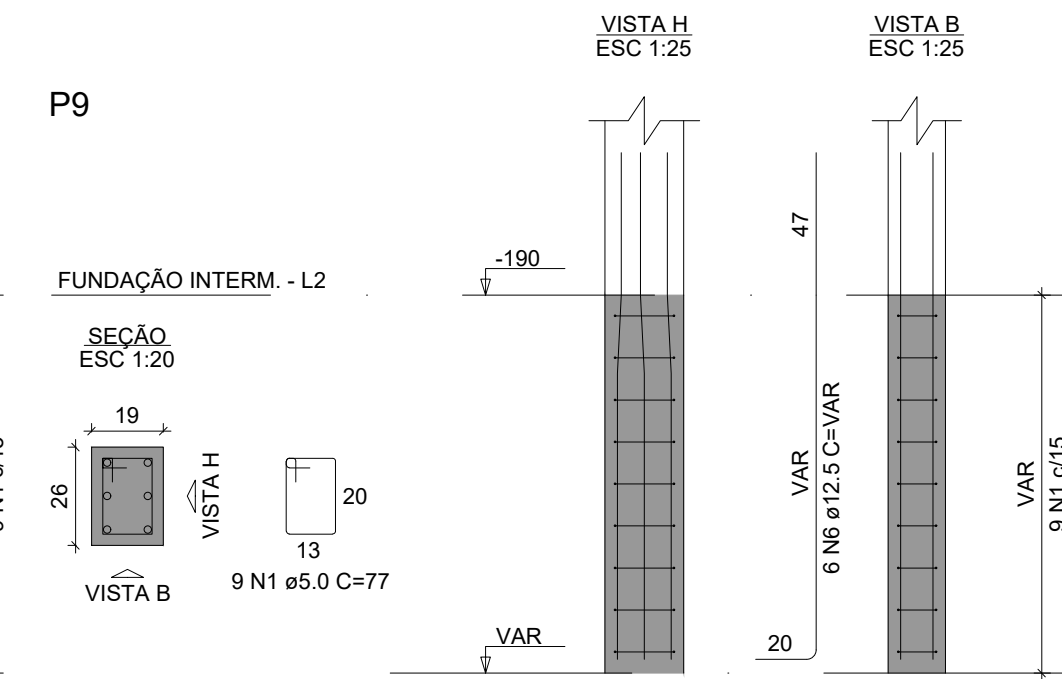
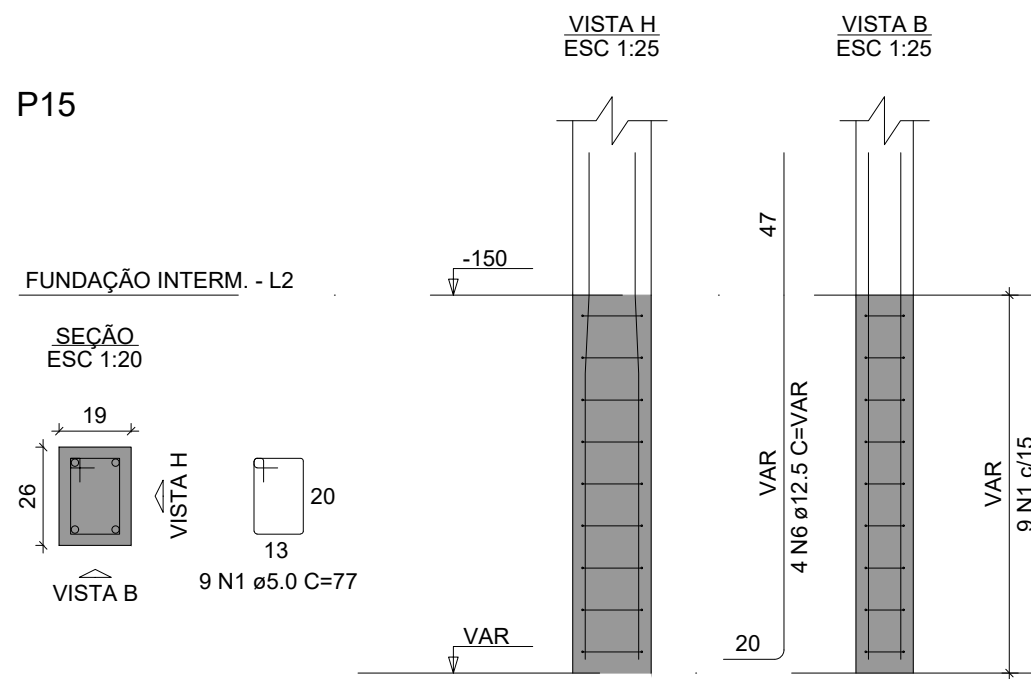
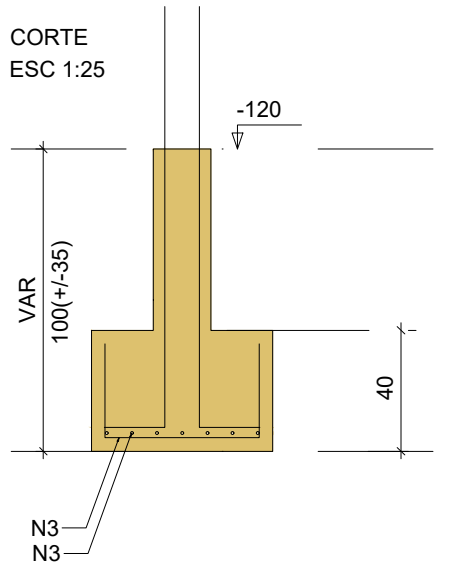
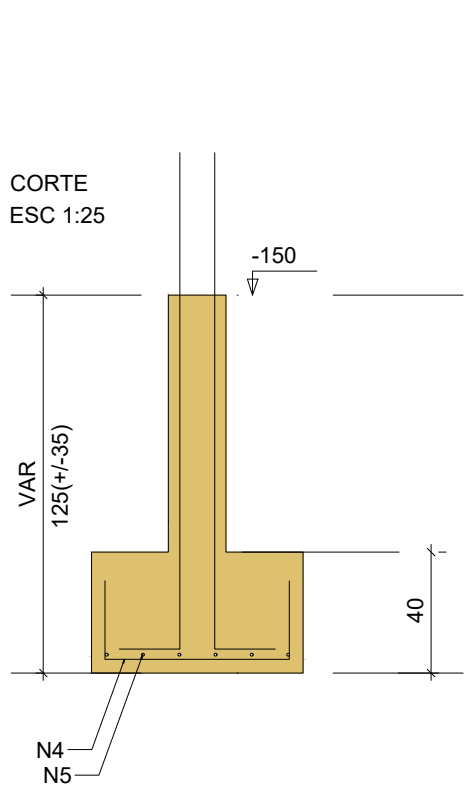
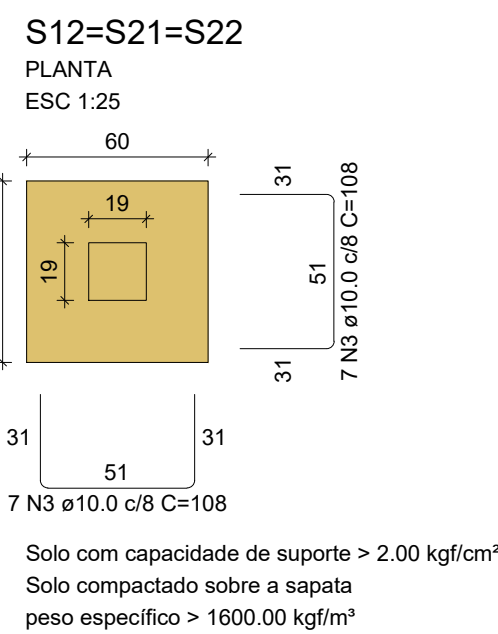
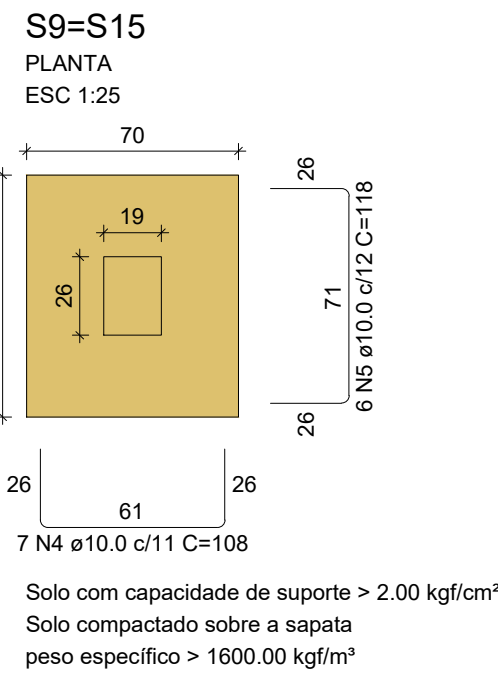




RELAÇÃO DO AÇO

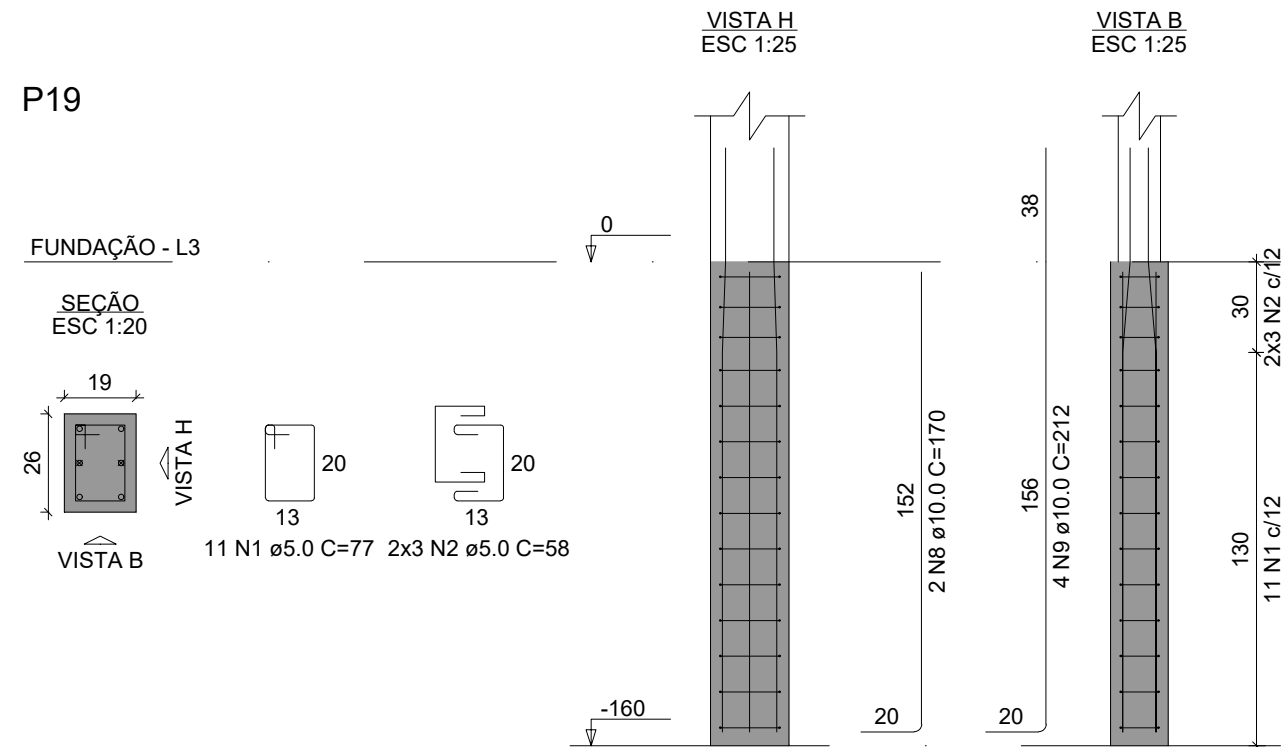
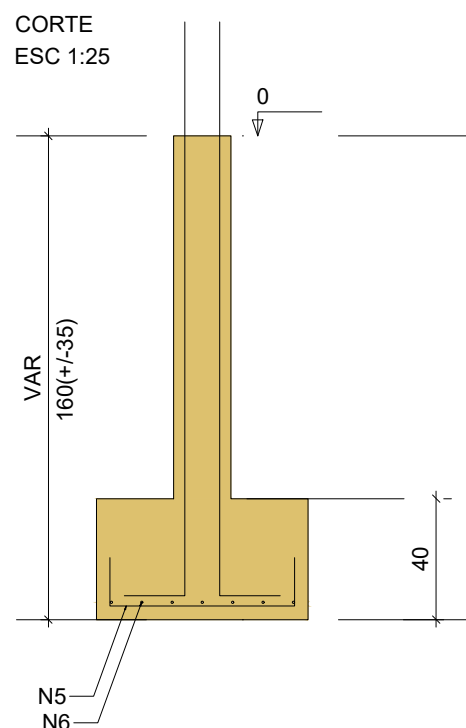
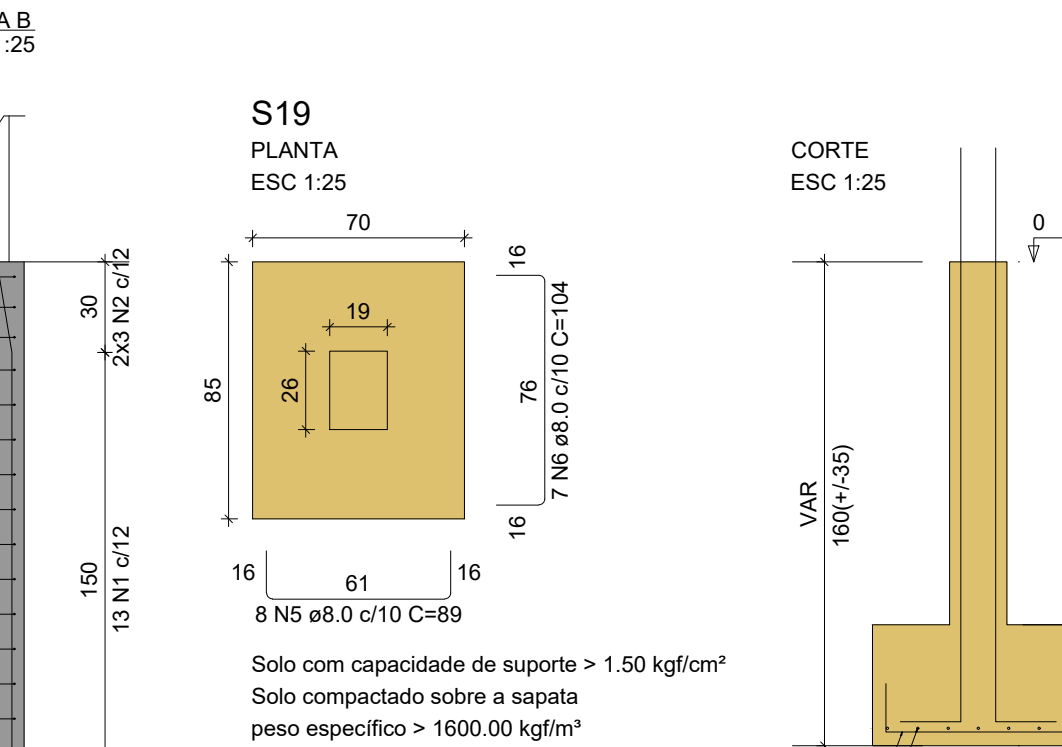
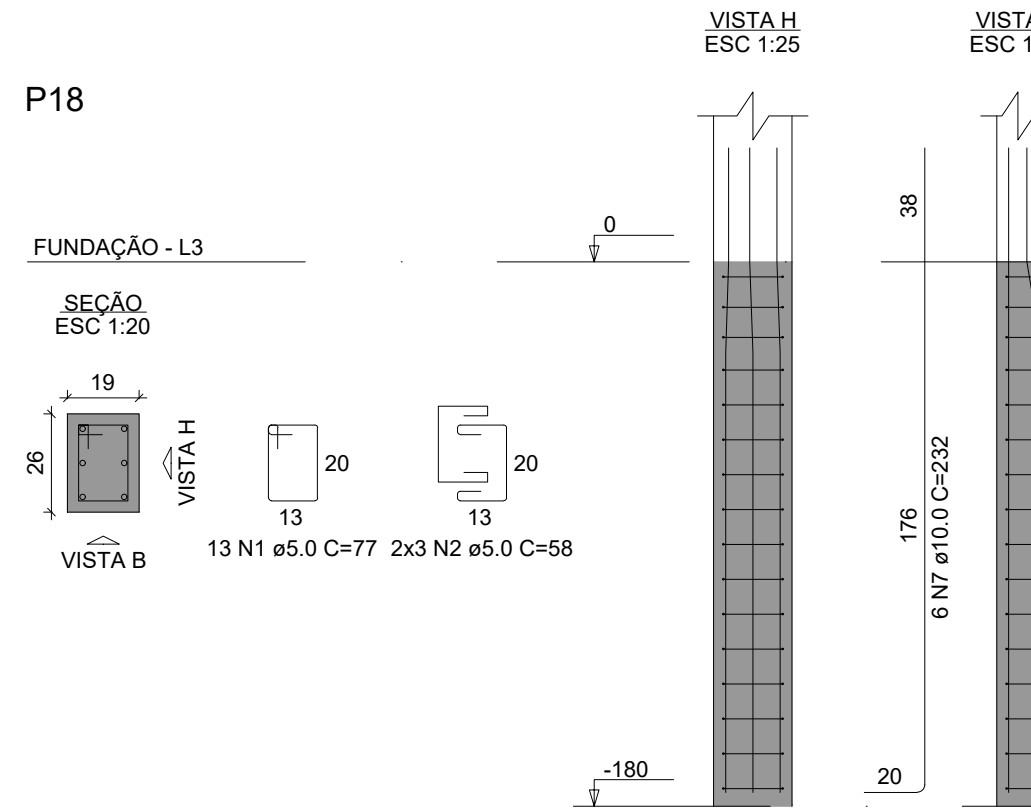
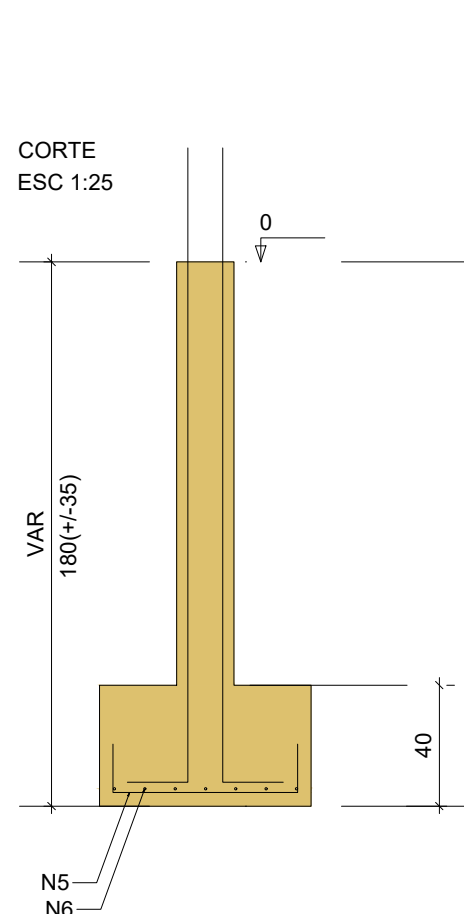
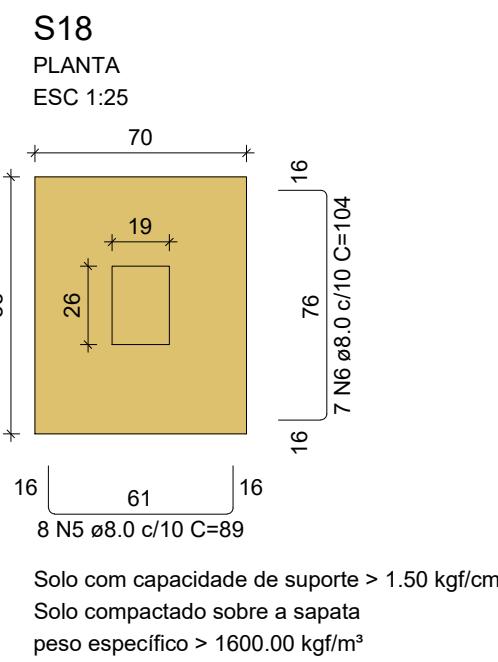
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	18	77	1386
CA50	2	5.0	21	63	1323
	3	10.0	42	108	4536
	4	10.0	14	108	1512
	5	10.0	12	118	1416
	6	12.5	10	VAR	VAR
	7	12.5	12	VAR	VAR

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)	PESO + 10% (kg)
CA50	10.0	74.6	46.02	50.6
CA60	12.5	37.7	36.30	39.9
	5.0	27.1	4.17	4.6
PESO TOTAL (kg)			PESO TOTAL (10%) (kg)	
CA50	82.32		CA50	90.6
CA60	4.17		CA60	4.6

Volume de concreto (C-25) = 1.01 m³
Área de forma = 1,25 m²

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



RELAÇÃO DO AÇO

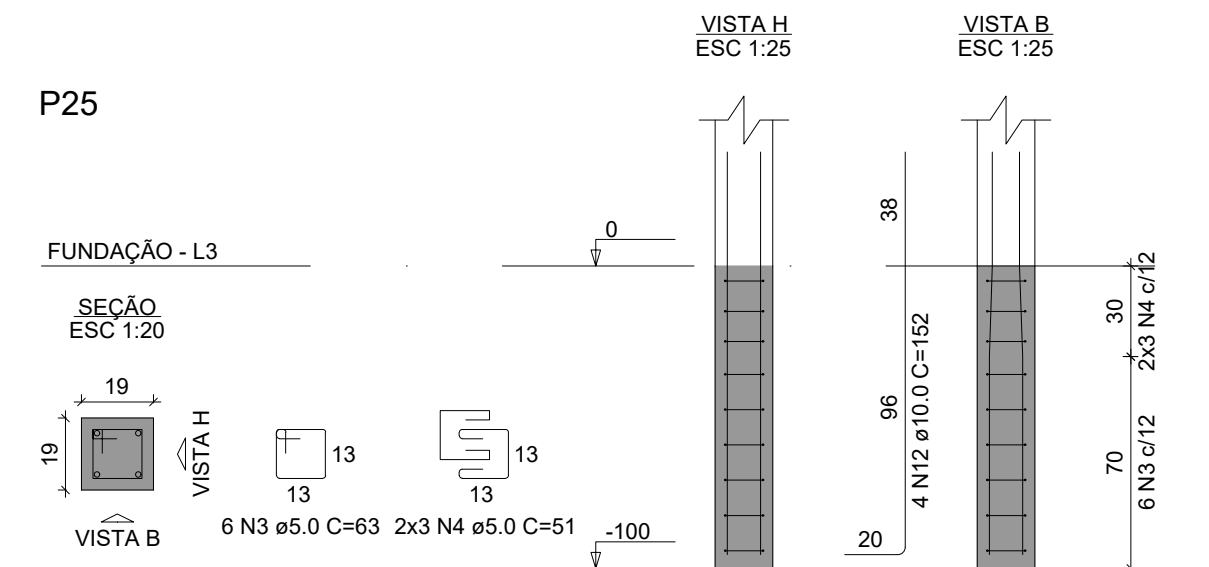
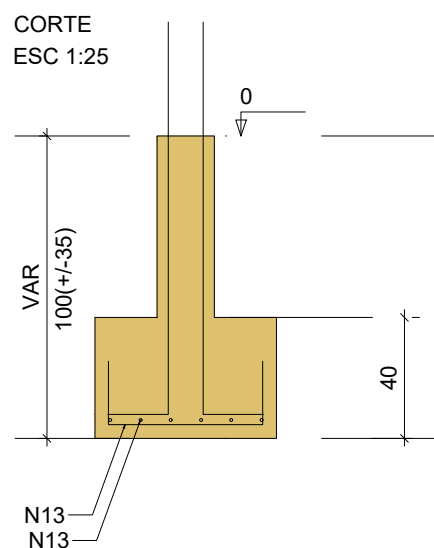
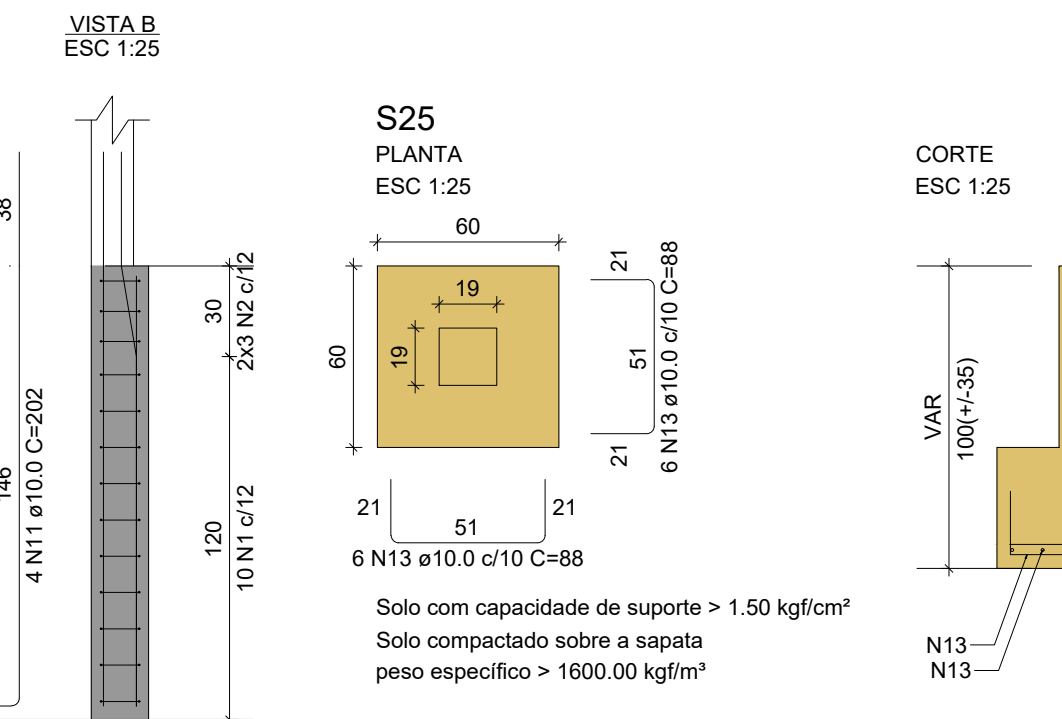
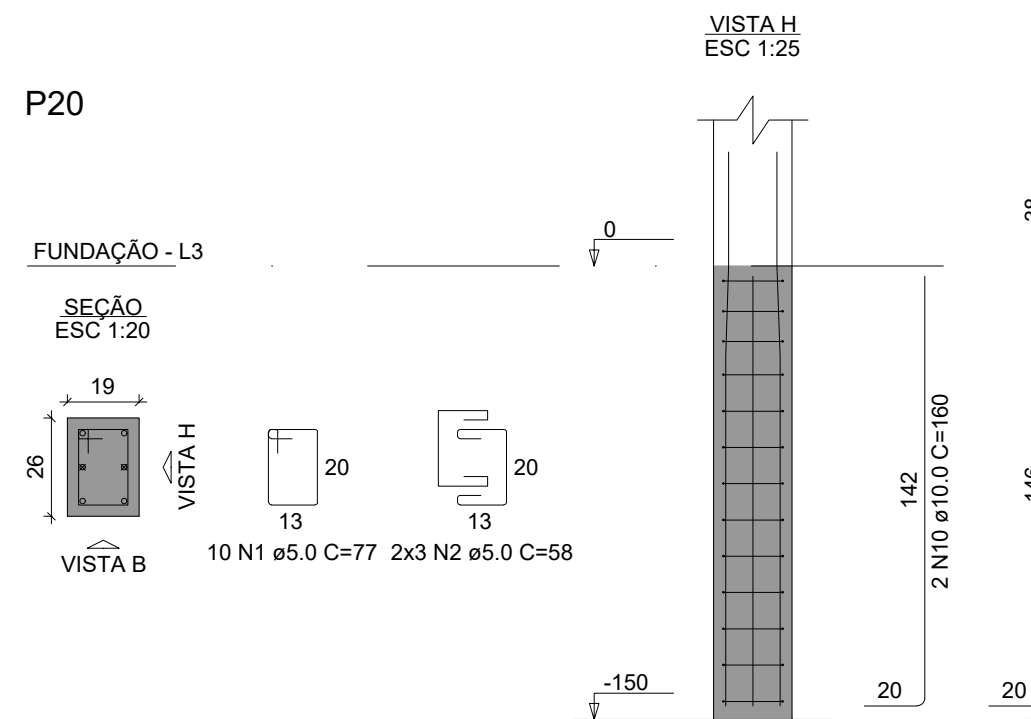
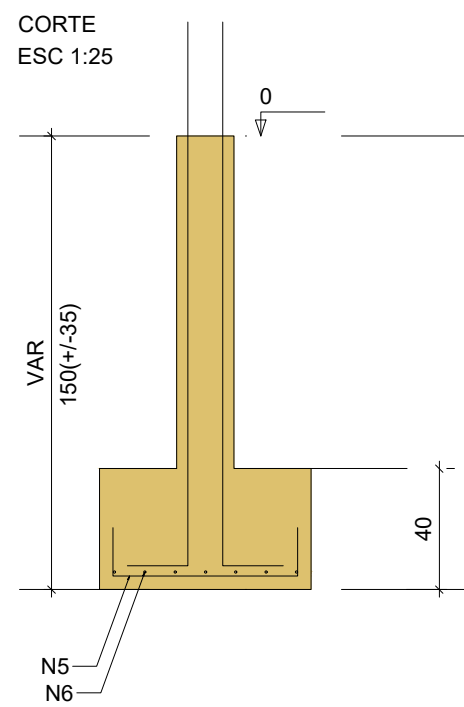
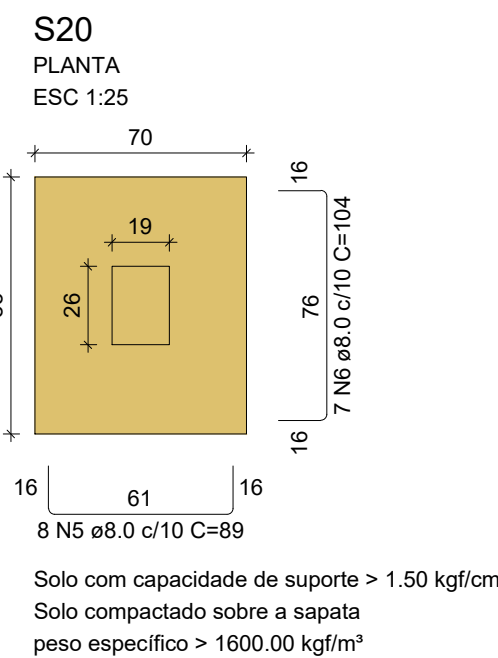
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	34	77	2618
	2	5.0	18	58	1044
	3	5.0	6	63	378
CA50	4	5.0	6	51	306
	5	8.0	24	89	2136
	6	8.0	21	104	2184
	7	10.0	6	232	1392
	8	10.0	2	170	340
	9	10.0	4	212	848
	10	10.0	2	160	320
	11	10.0	4	202	808
	12	10.0	4	152	608
	13	10.0	12	88	1056

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)	PESO + 10% (kg)
CA50	8.0	43.2	17.06	18.8
CA60	10.0	53.7	33.13	36.4
	5.0	43.5	6.70	7.4
PESO TOTAL (kg)			PESO TOTAL (10%) (kg)	
CA50	50.2		CA50	55.2
CA60	6.70		CA60	7.4

Volume de concreto (C-25) = 1.02 m³
Área de forma = 1,89 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

Município de São Pedro da União
CNPJ 18.666.172/0001-64

Projeto **ESTRUTURAS DE CONCRETO ARMADO**

SAPATAS E ARRANQUES 03

ART: MG20232155585

Data 02/01/2024 Escala INDICADAS Desenho Higori Sabag Conferência Higori Sabag

Folha 6