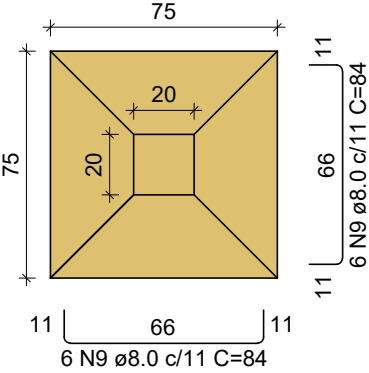


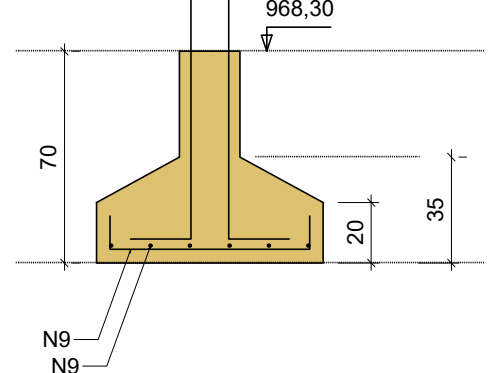
S1=S4=S6=S8=S9=S13=S17

PLANTA
ESC 1:25



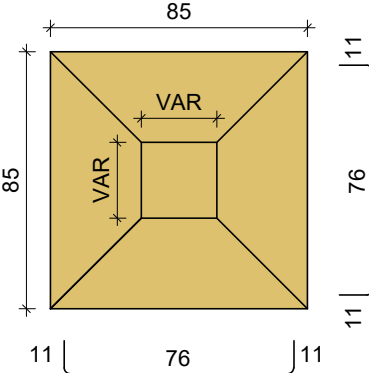
Solo com capacidade de suporte > 250.00 kN/m²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



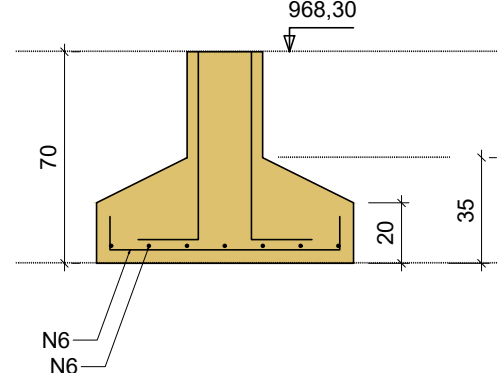
S2=S5=S7

PLANTA
ESC 1:25



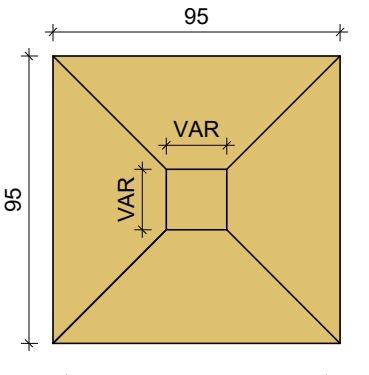
Solo com capacidade de suporte > 250.00 kN/m²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



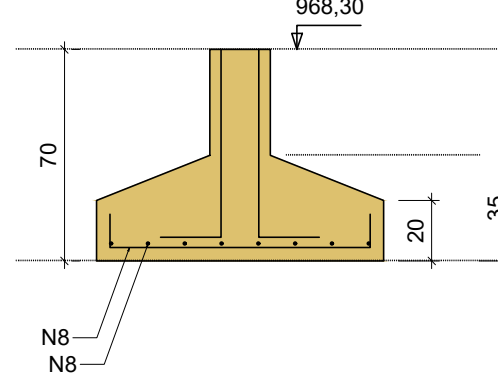
S3=S11=S12=S15

PLANTA
ESC 1:25

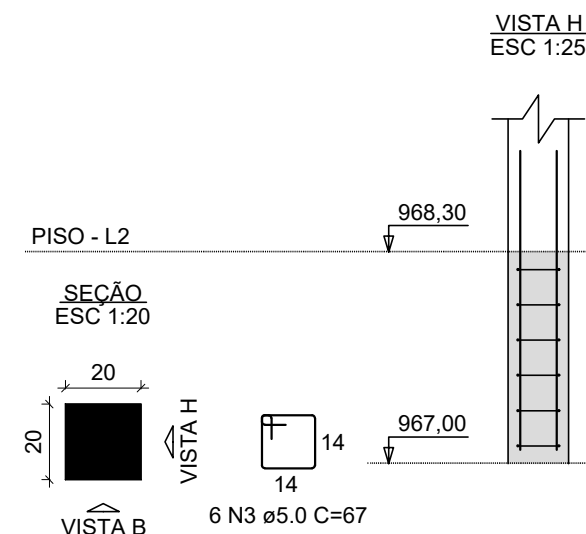


Solo com capacidade de suporte > 250.00 kN/m²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

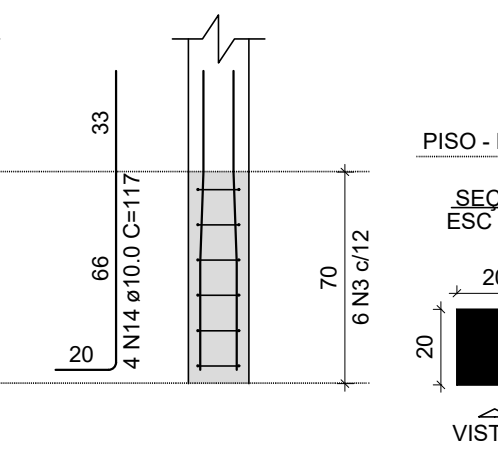
CORTE
ESC 1:25



P16=P39=P40

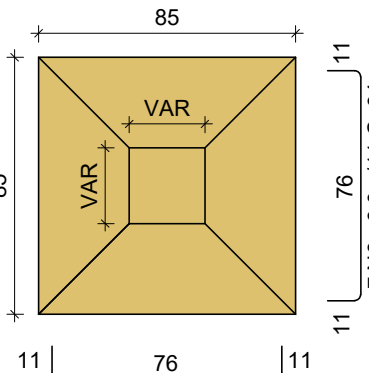


CORTE
ESC 1:25



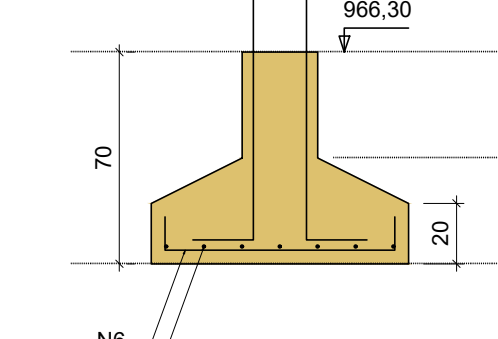
S18=S21=S25=S35=S36

PLANTA
ESC 1:25

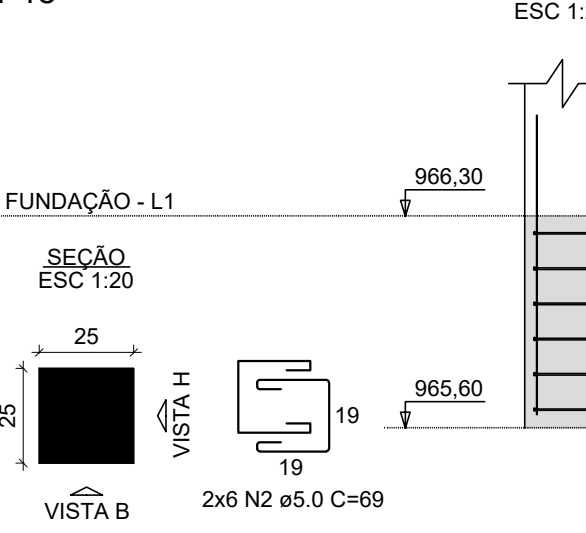


Solo com capacidade de suporte > 250.00 kN/m²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

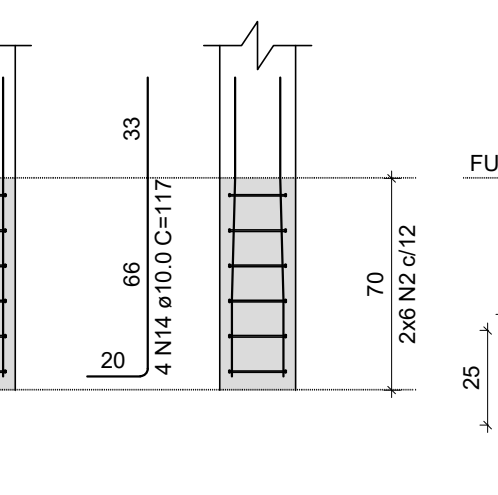
CORTE
ESC 1:25



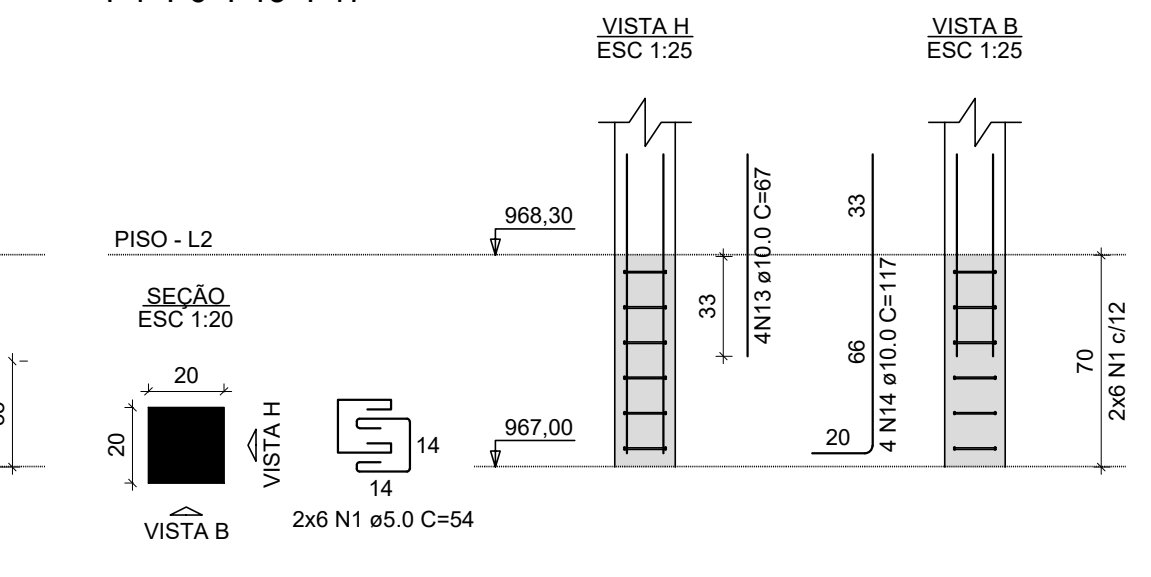
P18



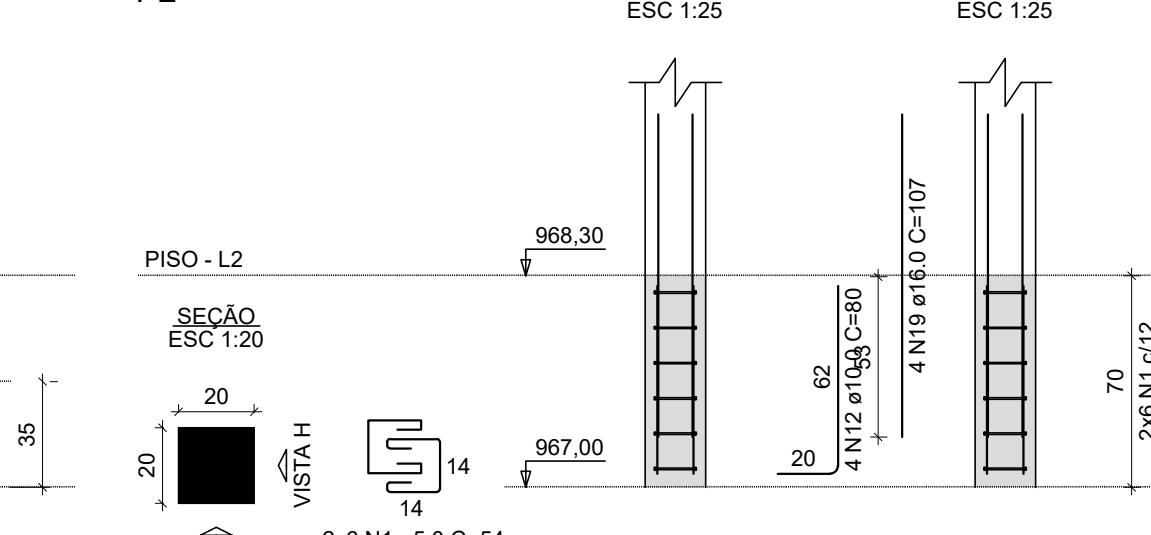
CORTE
ESC 1:25



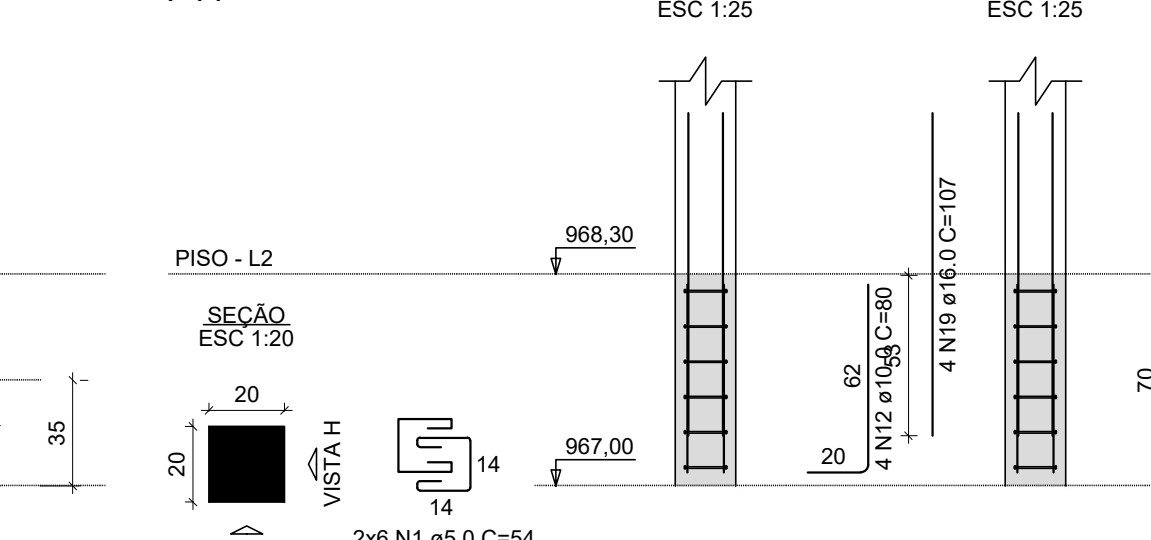
P4=P6=P13=P17



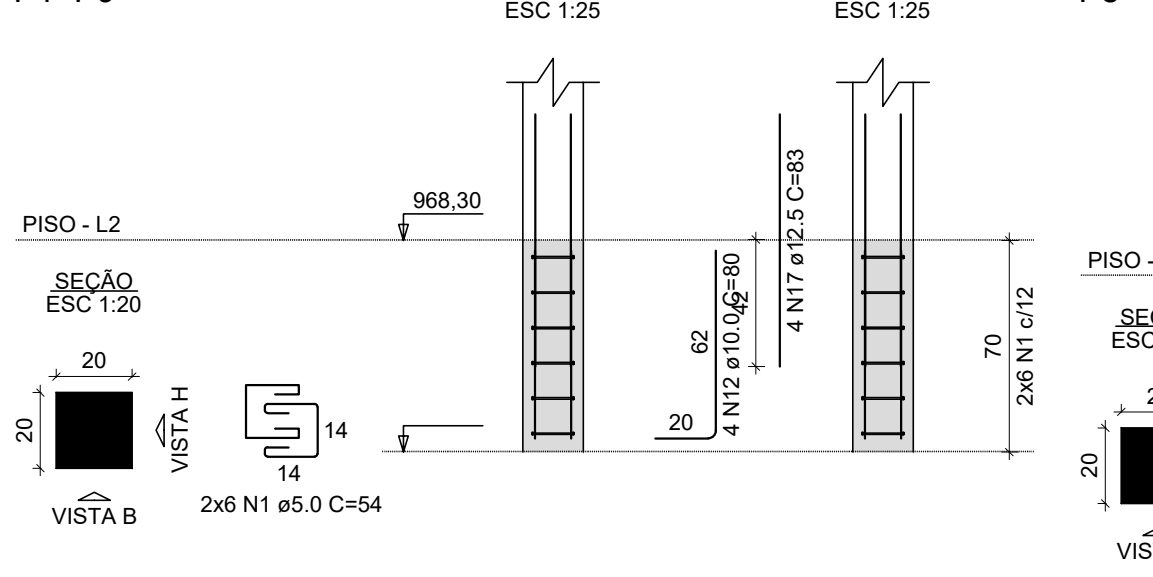
P2



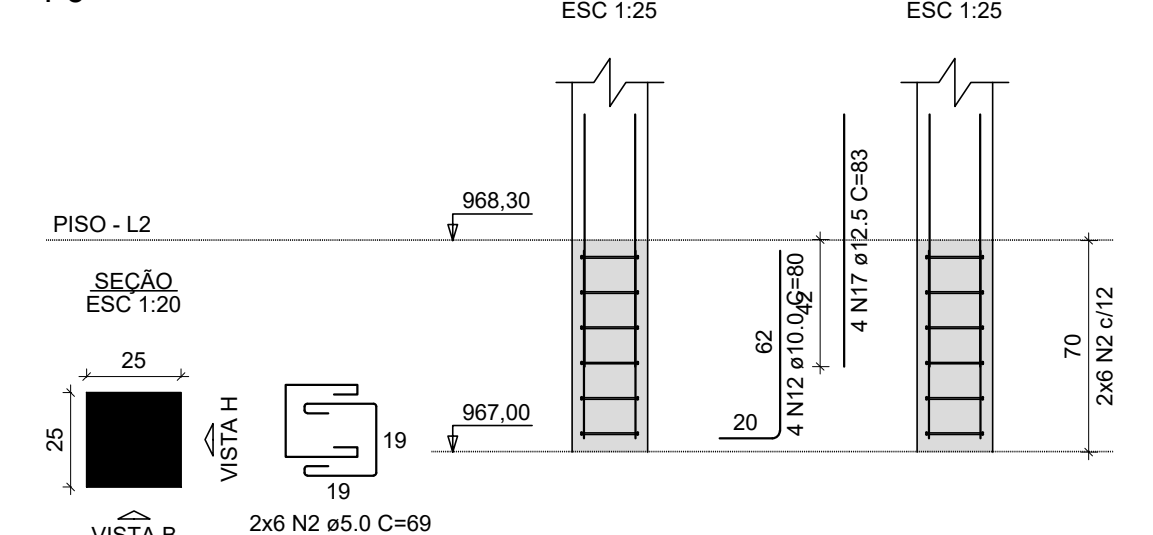
P11



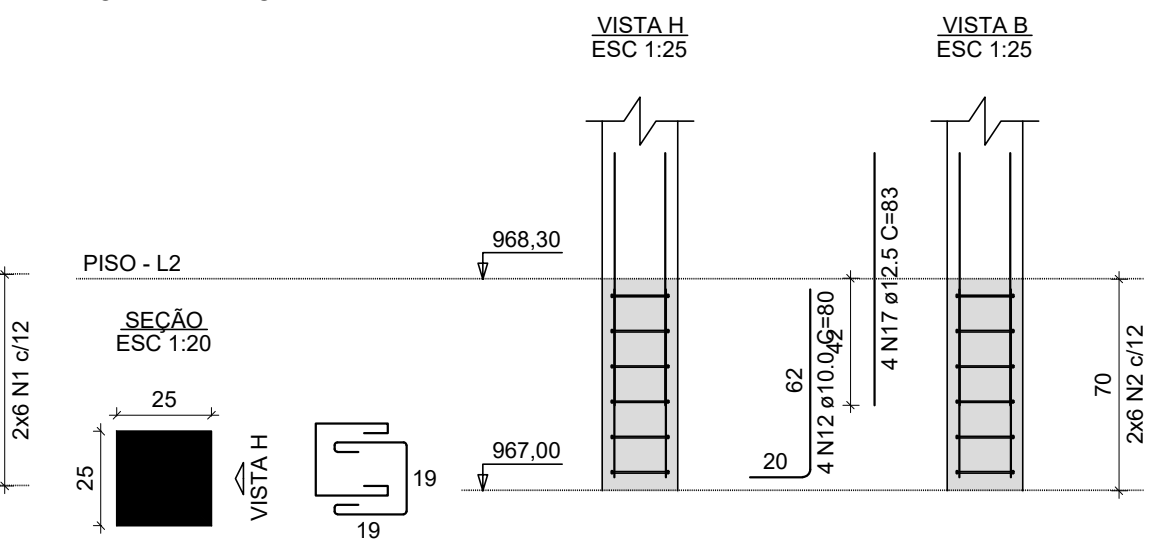
P1=P9



P5

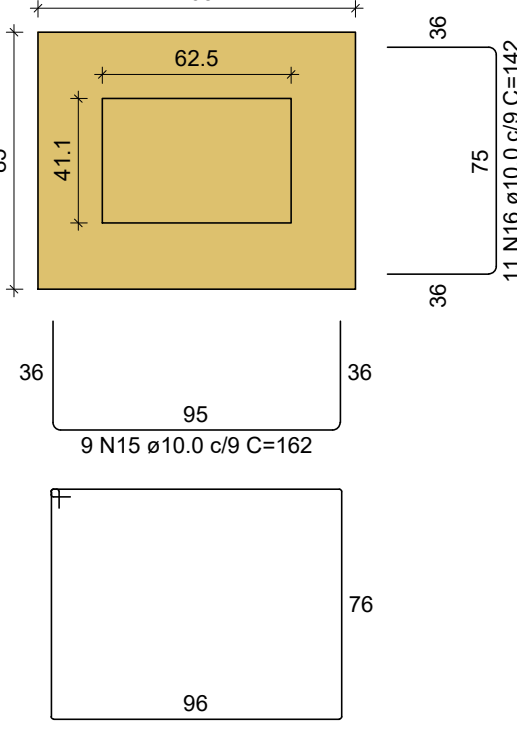


P3=P12=P15



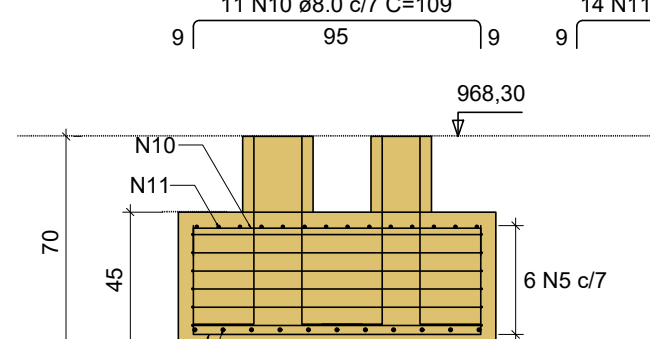
S14-42

PLANTA
ESC 1:25

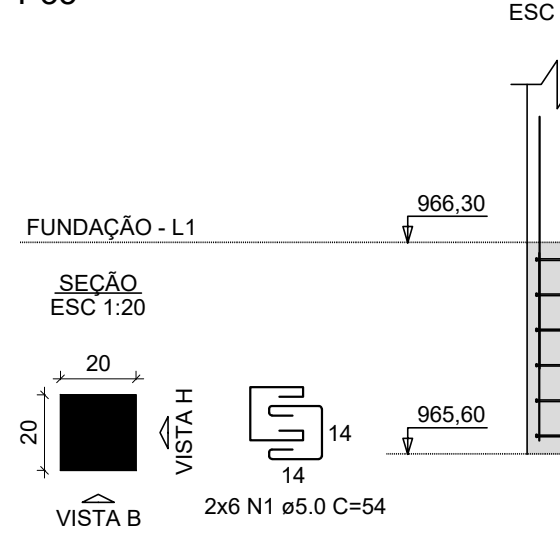


Solo com capacidade de suporte > 250.00 kN/m²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

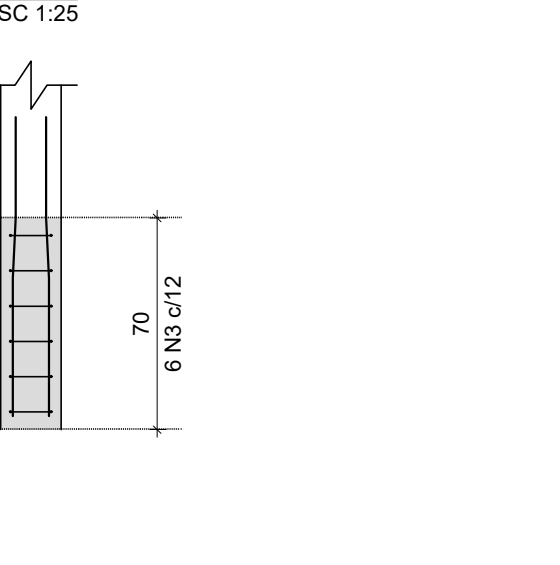
CORTE
ESC 1:25



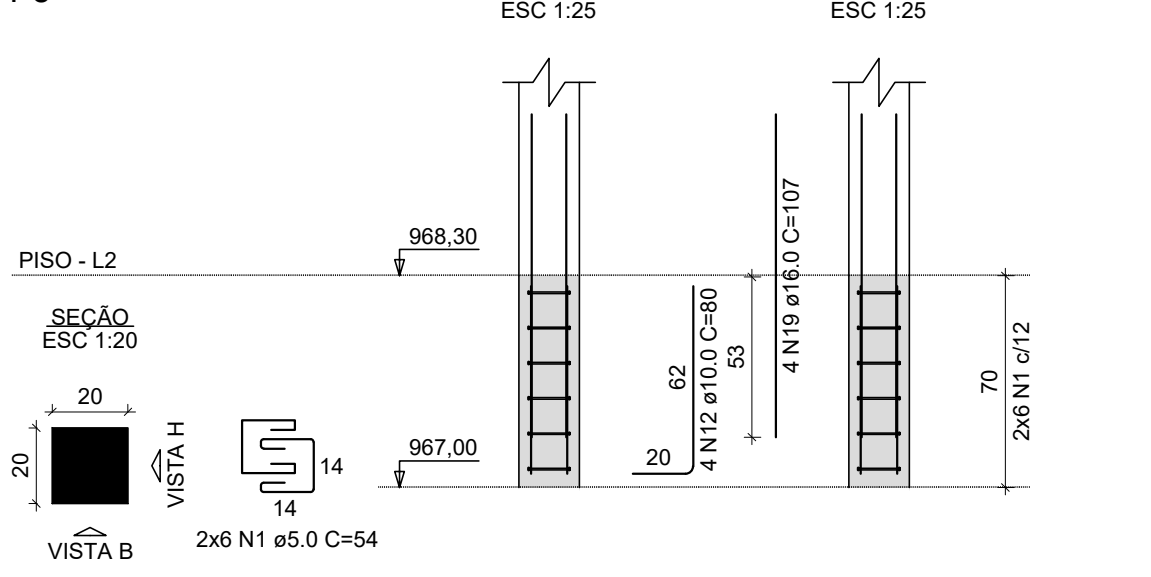
P35



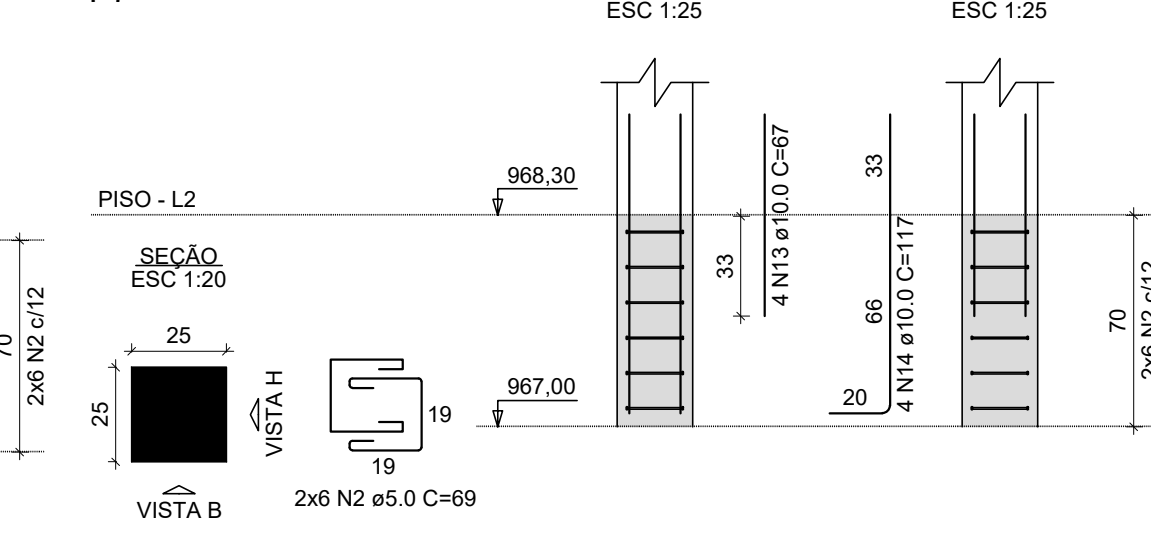
P25



P8

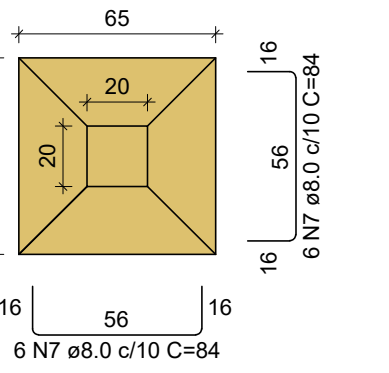


P7



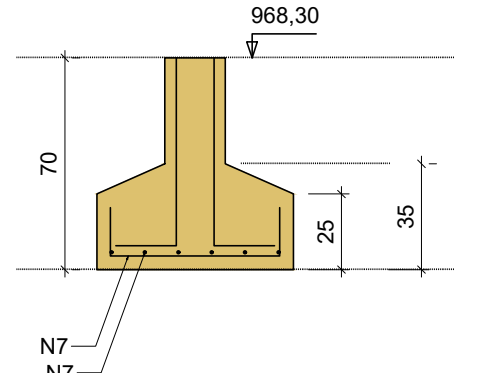
S10=S16=S39=S40=S41

PLANTA
ESC 1:25

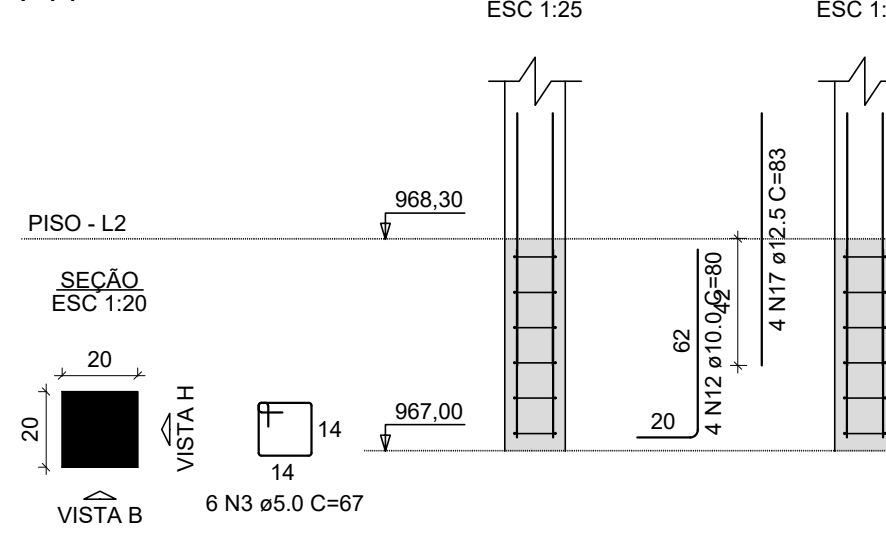


Solo com capacidade de suporte > 250.00 kN/m²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

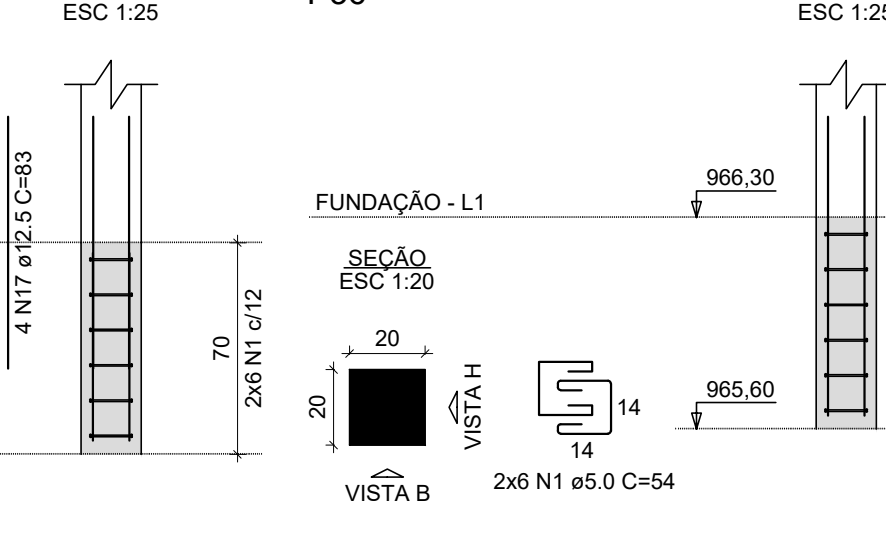
CORTE
ESC 1:25



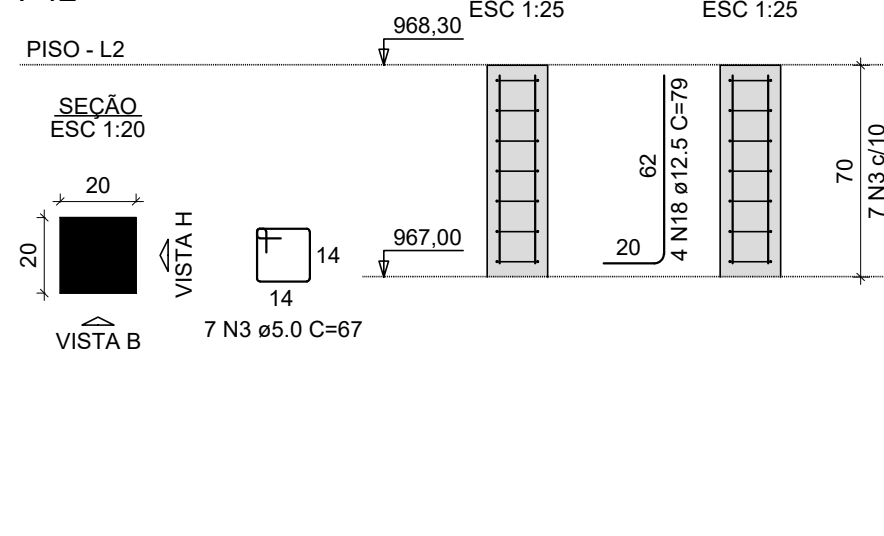
P14



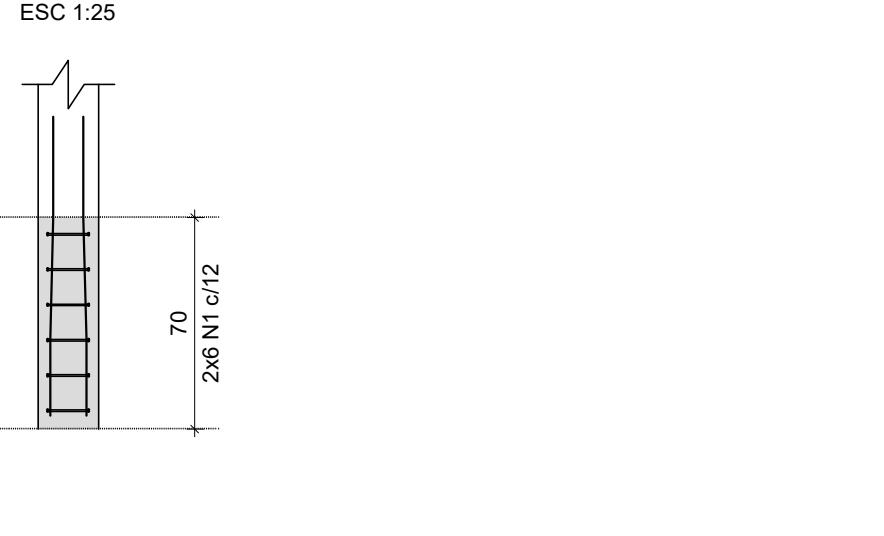
P36



P42



P36



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	144	54	7776
4xP4-L2	2	5.0	72	68	4968
P8-L2	3	5.0	43	67	2881
P14-L2	4	5.0	6	87	522
3xP16-L2	5	5.0	6	355	2130
P21-L1	6	8.0	112	94	10528
P36-L1	7	8.0	60	84	5040
P36-L1	8	8.0	64	104	6656
3xS5-L2	9	8.0	84	84	7056
7xS15-L2	10	8.0	11	109	1199
	11	8.0	14	89	1246
	12	10.0	52	80	4160
	13	10.0	48	67	3216
	14	10.0	48	117	5616
	15	10.0	9	162	1458
	16	10.0	11	142	1562
	17	12.5	112	83	9296
	18	12.5	4	79	316
	19	16.0	16	107	1712

RESUMO DO AÇO

AÇO	DIAM (mm)	C. TOTAL (m)	PESO + 10% (kg)
CA50	8.0	317.3	137.7
	10.0	160.1	108.6
	12.5	96.1	101.9
	16.0	17.1	29.7
CA60	5.0	182.8	31
PESO TOTAL (kg)			
CA50		377.9	
CA60		31	

Volume de concreto fck 3.0kN/cm² (C-30) = 4.99 m³
Área de forma = 25.25 m²

06	21/11/22	REVISÃO CONFORME NOTA TÉCNICA	ATACIZIO
REVISÃO	DATA	DESCRIÇÃO	RESP.
EMPRESA	MARKA ARQUITETURA E ENGENHARIA LTDA RUA PROFESSOR ABEYLARD, 279, SALA 9 CENTRO, SETE LAGOAS/MG opio@markaprojetos.com.br (31) 3177-4235 www.markaprojetos.com.br		ESPECIALIDADE ESTRUTURAL FASE DO PROJETO EXECUTIVO
EMPREENHIMENTO - OBRA	ESCOLA MUNICIPAL BELVEDERDE RUA JOSÉ COELHO, RUA CANADÁ E RUA SÉRGIO JACOWLEWSKI B. SIDERÚRGICO - CONSELHEIRO LAFAIETE/MG		RESPONSÁVEL PROJETO JOSE ATACIZIO DA FE COORDENADOR PROJETO KARINE NARDY
ASSUNTO	PROJETO DE ESTRUTURAS DE CONCRETO ARMAÇÃO DAS VIGAS DE FUNDAÇÃO-BLOCO 03		ESCALA INDICADA DATA 02/11/2022 ARQUIVO