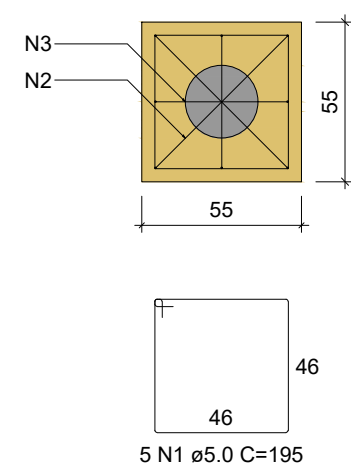
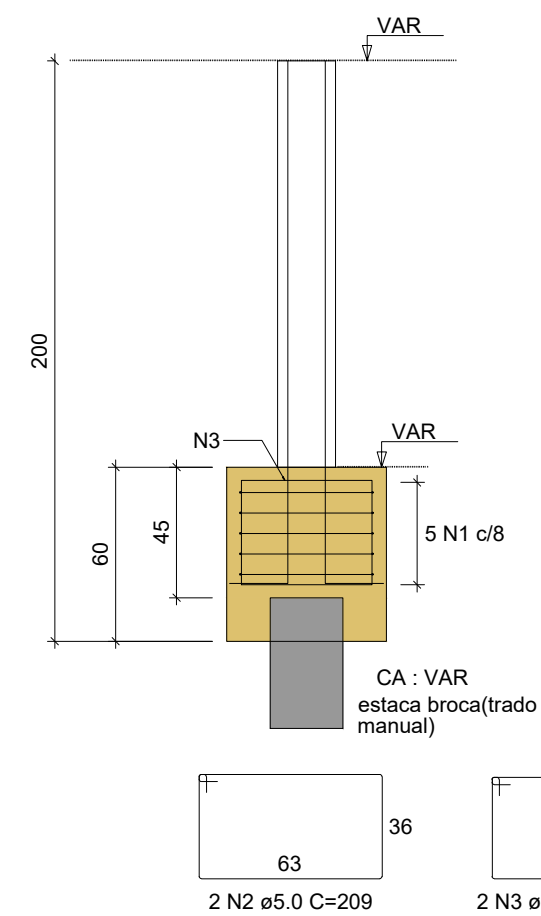


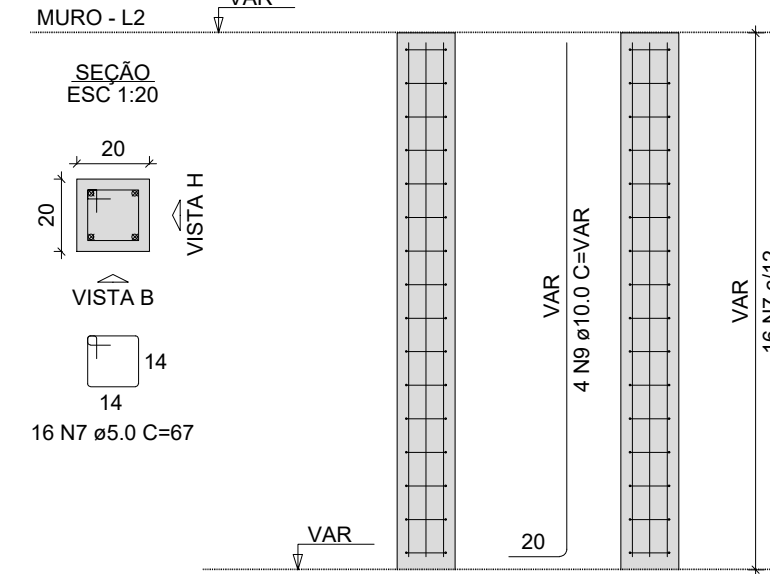
B13
1ø25
PLANTA
ESC 1:25



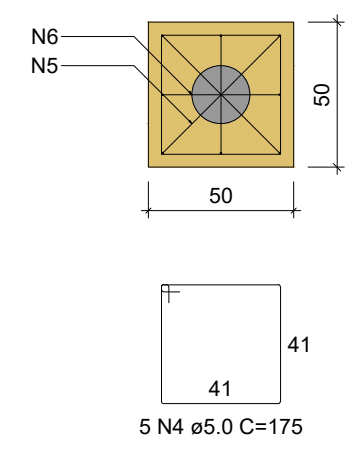
CORTE
ESC 1:25



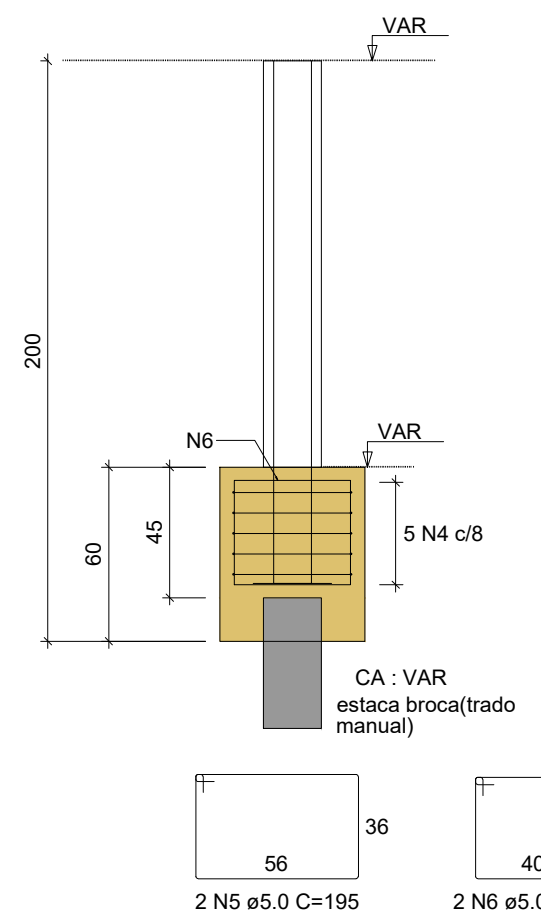
P13



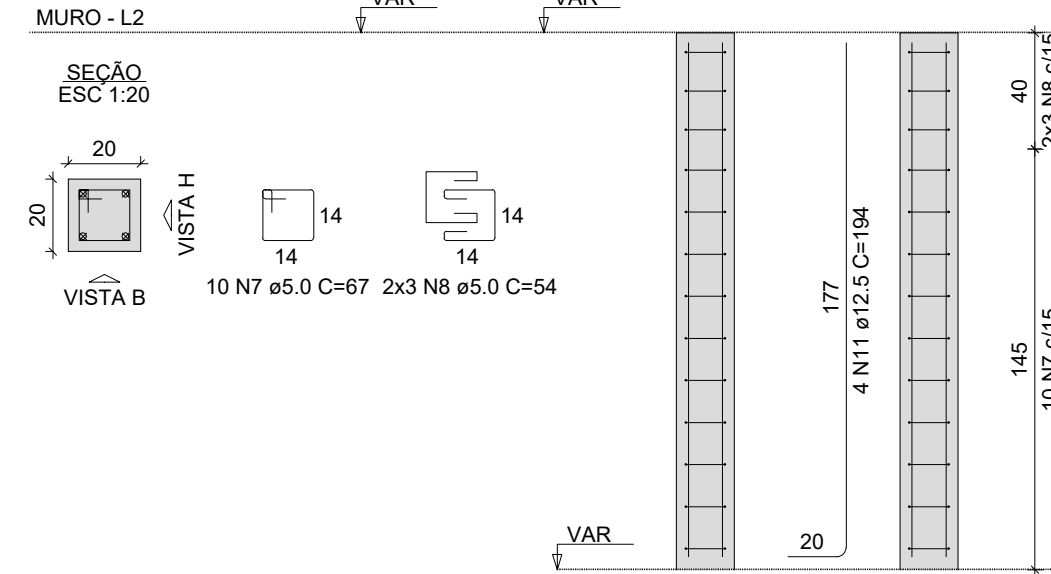
B15
1ø20
PLANTA
ESC 1:25



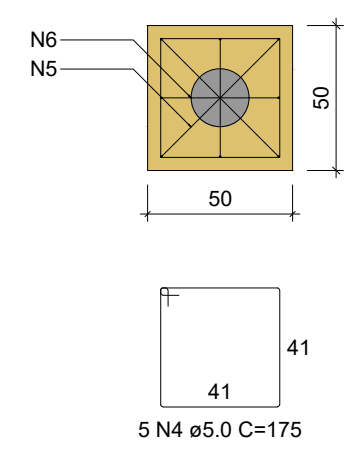
CORTE
ESC 1:25



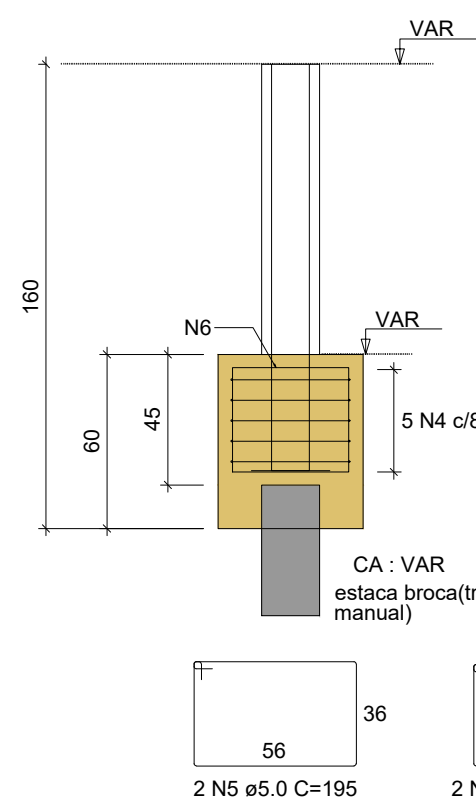
P15



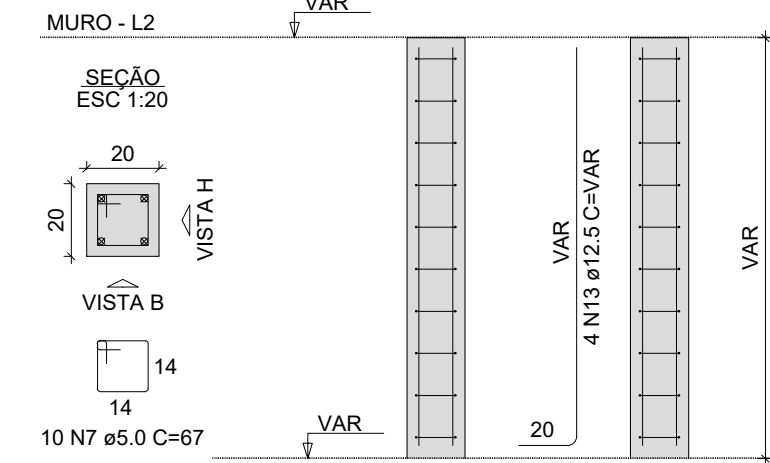
B32
1ø20
PLANTA
ESC 1:25



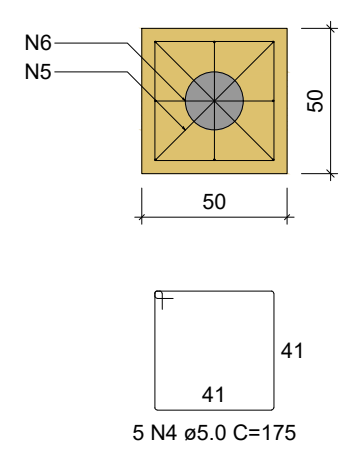
CORTE
ESC 1:25



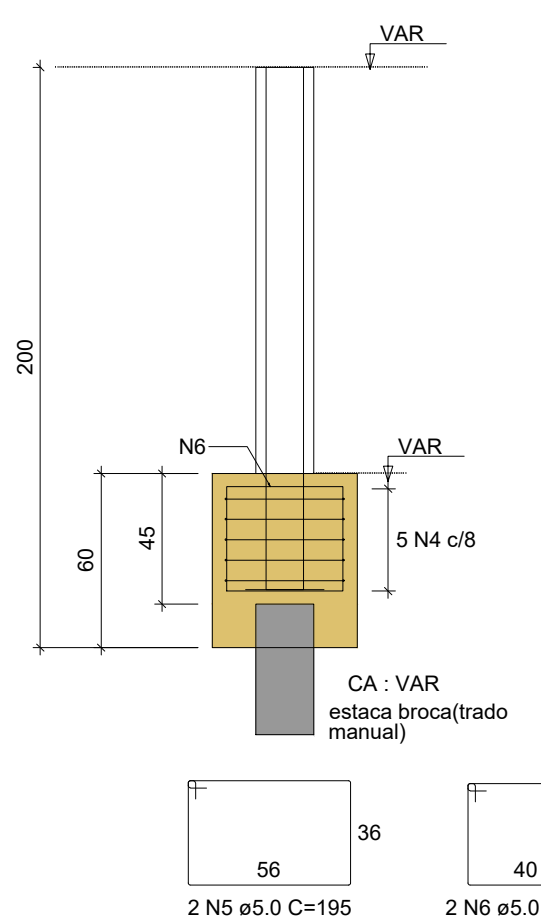
P32



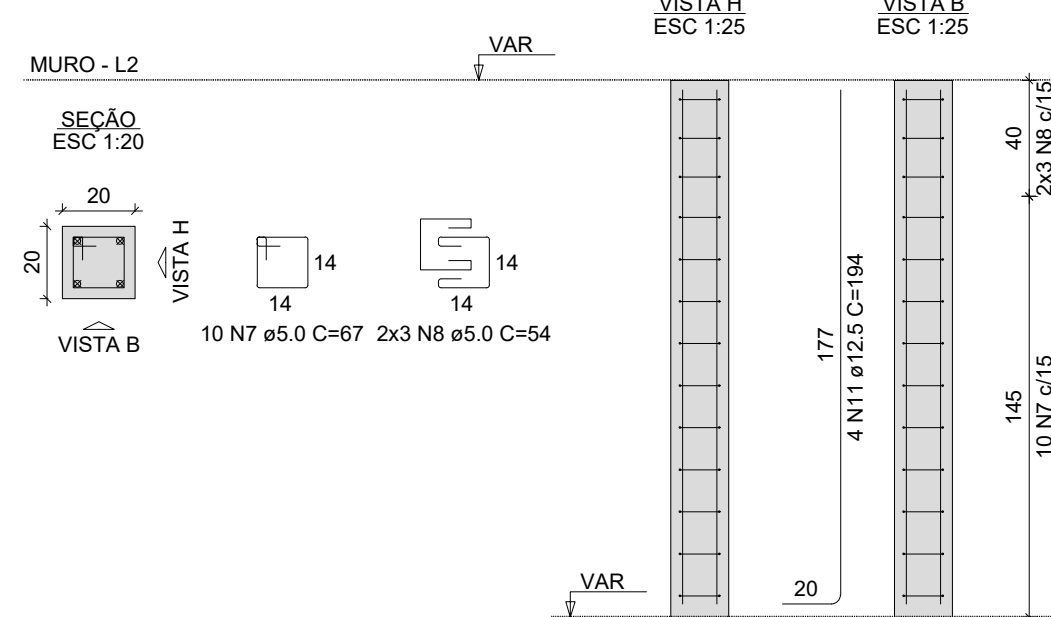
B16=B17=B18
1ø20
PLANTA
ESC 1:25



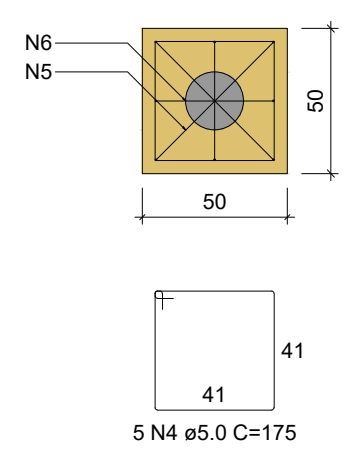
CORTE
ESC 1:25



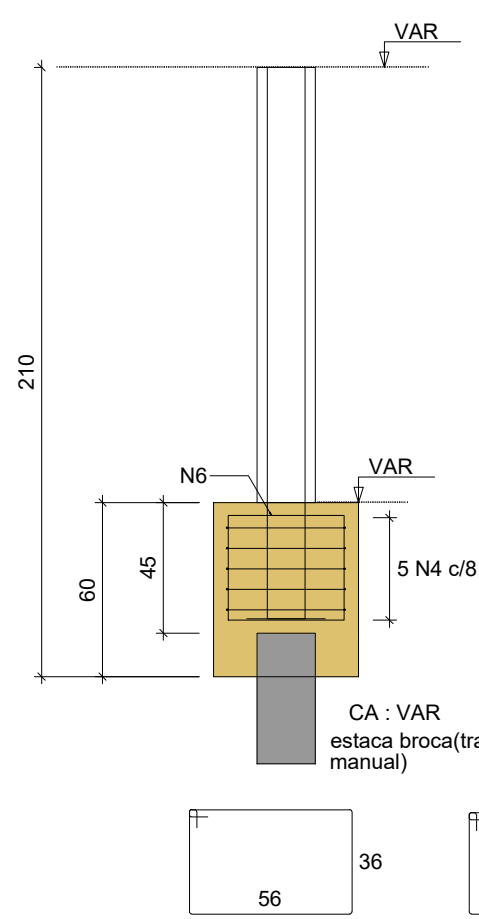
P16=P17=P18



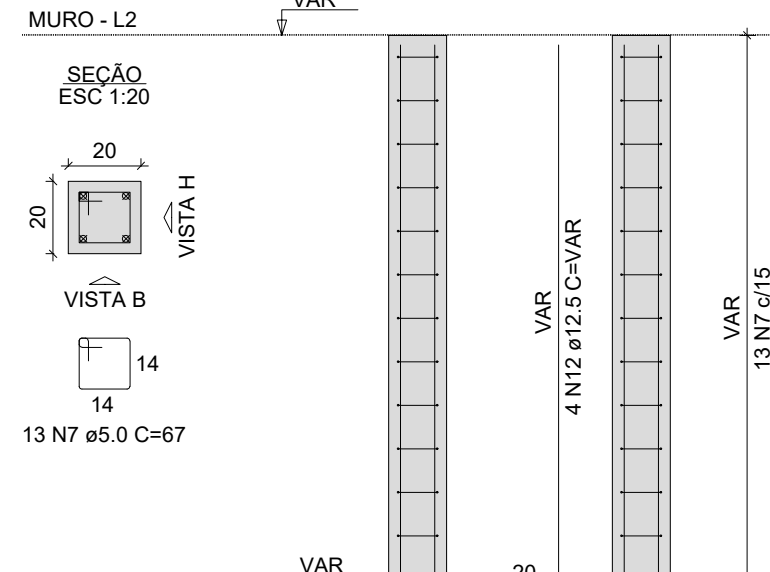
B28
1ø20
PLANTA
ESC 1:25



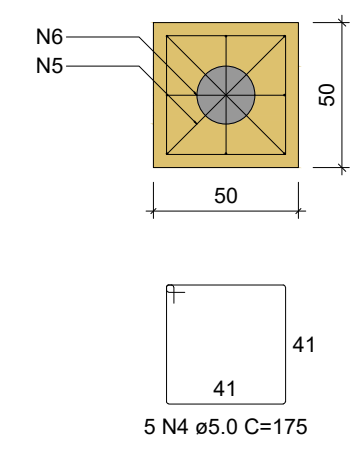
CORTE
ESC 1:25



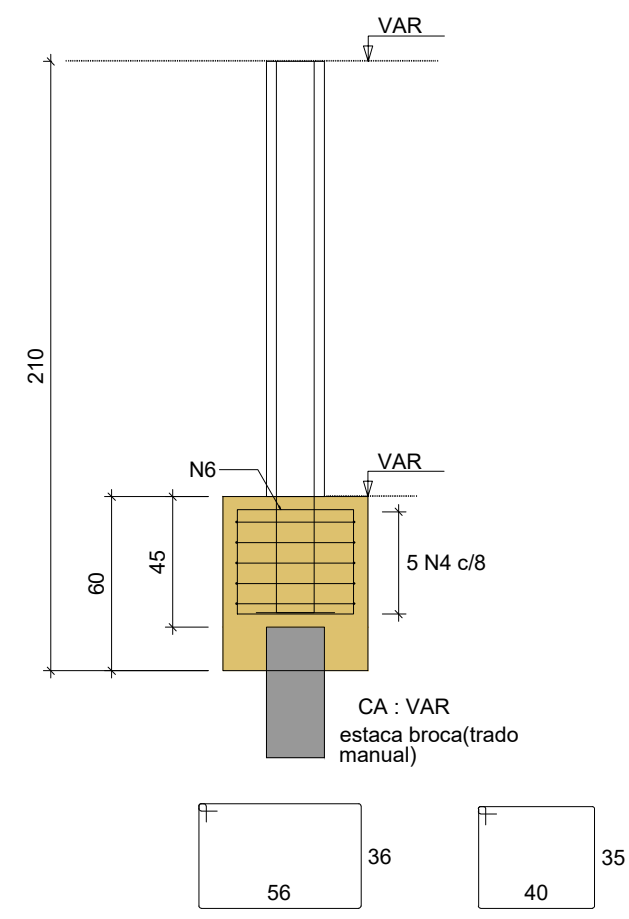
P28



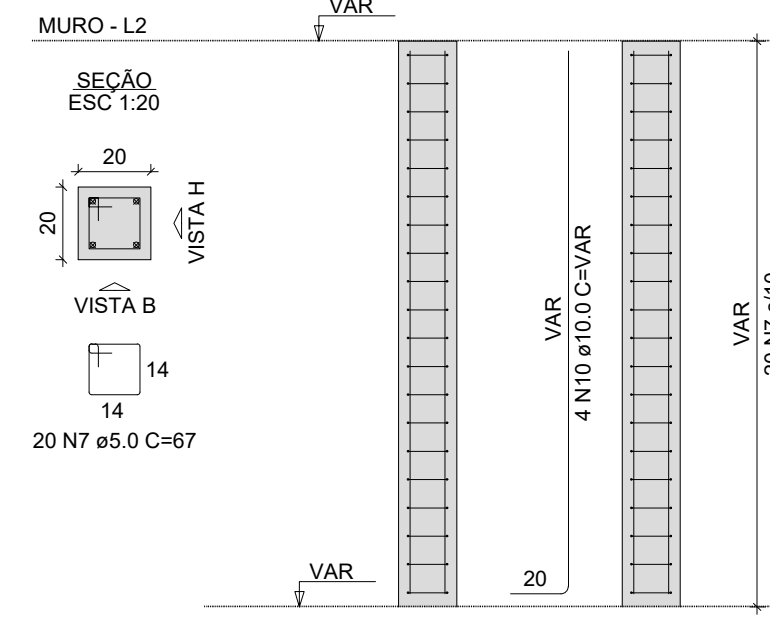
B31
1ø20
PLANTA
ESC 1:25



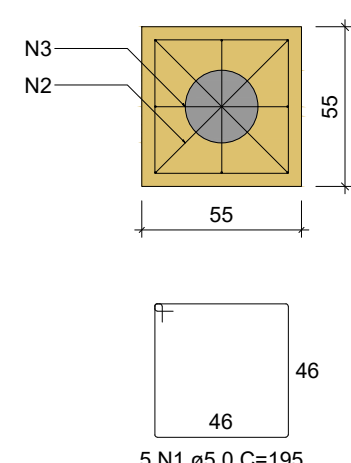
CORTE
ESC 1:25



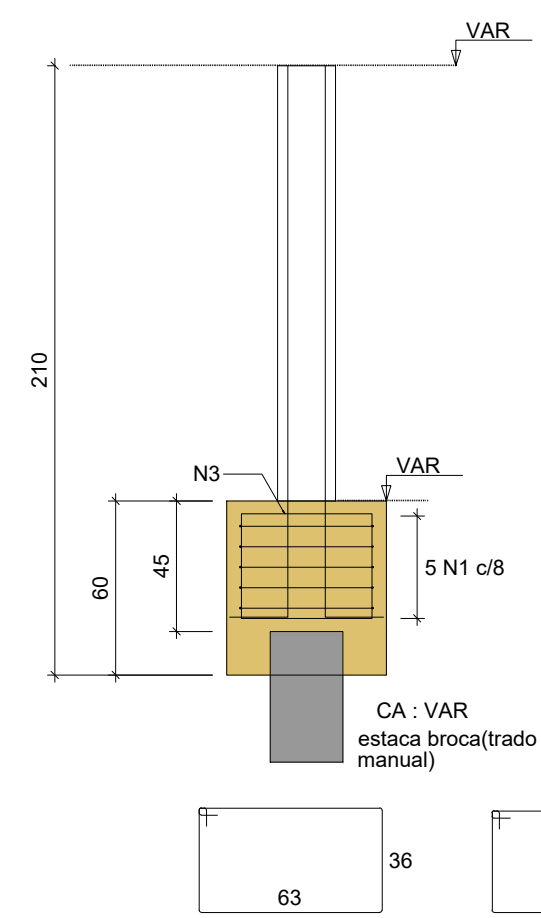
P31



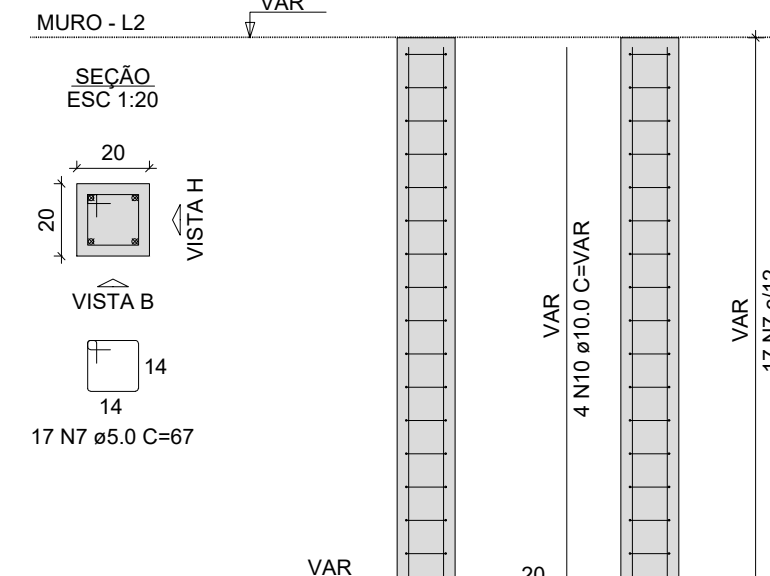
B29
1ø25
PLANTA
ESC 1:25



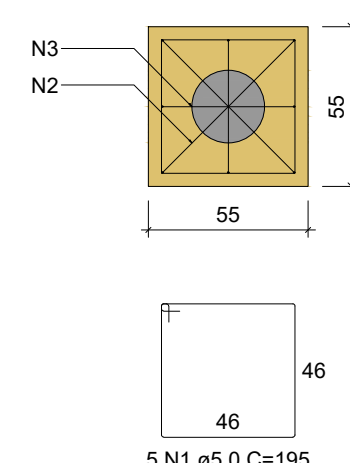
CORTE
ESC 1:25



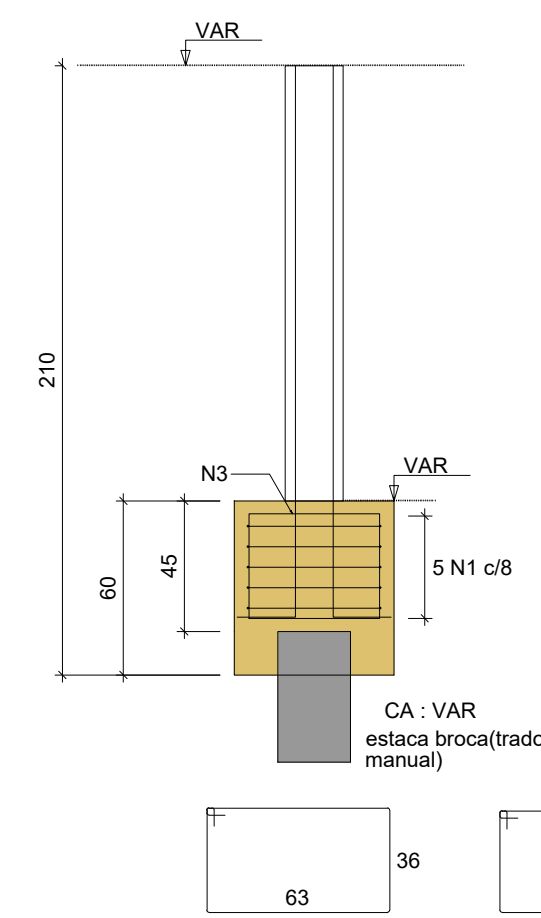
P29



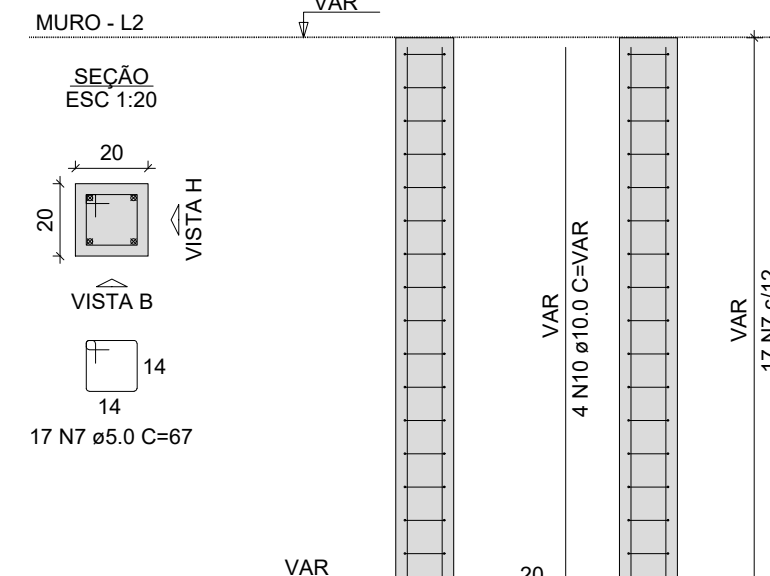
B30
1ø25
PLANTA
ESC 1:25



CORTE
ESC 1:25



P30



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	15	195	2925
	2	5.0	6	209	1254
	3	5.0	6	171	1026
	4	5.0	35	175	6125
	5	5.0	14	195	2730
	6	5.0	14	161	2254
	7	5.0	133	67	8911
	8	5.0	24	54	1296
CA50	9	10.0	8	VAR	VAR
	10	10.0	24	VAR	VAR
	11	12.5	16	194	3104
	12	12.5	4	VAR	VAR
	13	12.5	4	VAR	VAR

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	64.8	43.9
CA60	5.0	265.2	48.1
PESO TOTAL (kg)			92
CA50			45
CA60			45

Volume de concreto fck 3,0 kN/cm² (C-30) = 2.10 m³
Área de forma = 23.56 m²

06	21/11/22	PROJETO EXECUTIVO	ATACIZIO
05	03/11/22	EMIÇÃO INICIAL	ATACIZIO
REVISÃO	DATA	DESCRIÇÃO	RESP.
EMPRESA	MARKA ARQUITETURA E ENGENHARIA LTDA RUA PROFESSOR ABEYARD, 279, SALA 9 CENTRO, SETE LAGOAS/MG apoio@markaprojetos.com.br (31) 3177-4235 www.markaprojetos.com.br		
EMPREENHIMENTO - OBRA	ESCOLA MUNICIPAL BELVEDERDE RUA JOSÉ COELHO, RUA CANADÁ E RUA SÉRGIO JACOWLEWSKI B. SIDERÚRGICO - CONSELHEIRO LAFAIETE/MG		
ASSUNTO	PROJETO DE ESTRUTURAS DE CONCRETO CORTES E ARMAÇÃO DO MURO DE DIVISA 01		
ESPECIALIDADE	ESTRUTURAL		
FASE DO PROJETO	EXECUTIVO		
RESPONSÁVEL PROJETO	JOSE ATACIZIO DA FE ENG. CIVIL - CREA/MG 07.669/D		
COORDENADOR PROJETO	KARINE NARDY		
PROJETISTA	JOSE ATACIZIO DA FE		
ESCALA	INDICADA		
DATA	21/11/2022		
ARQUIVO	04-EST-MURO DE DIVISA-BELVEDERE-RO6		