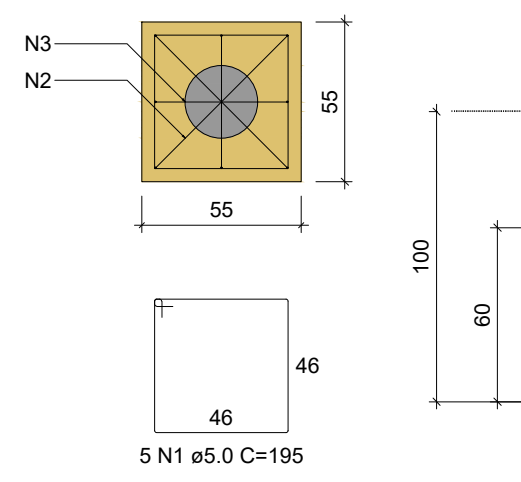
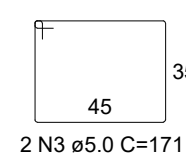
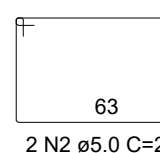
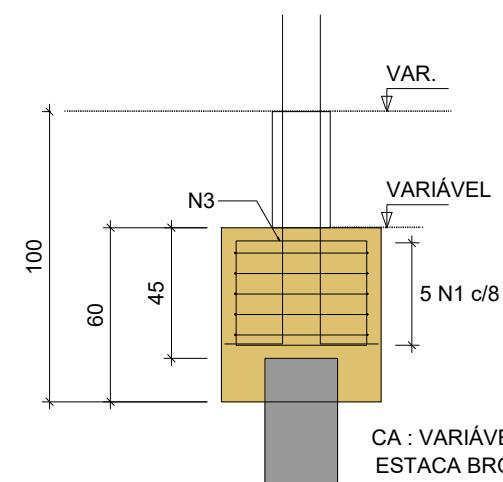


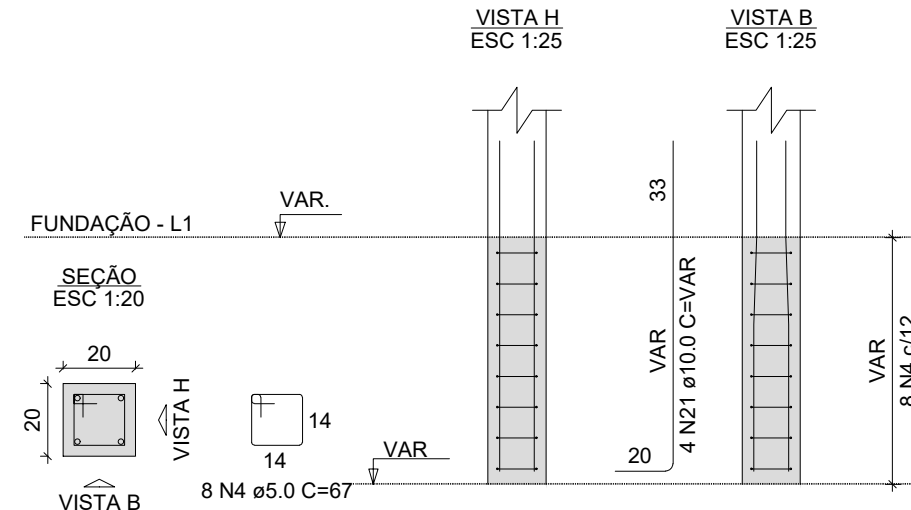
B1=B2=B3=B4=B5=B6=B7=B8=B9  
1ø25  
PLANTA  
ESC 1:25



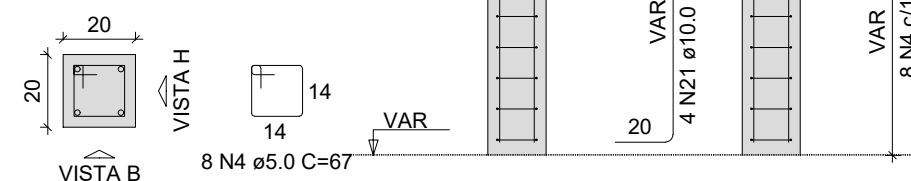
CORTE  
ESC 1:25



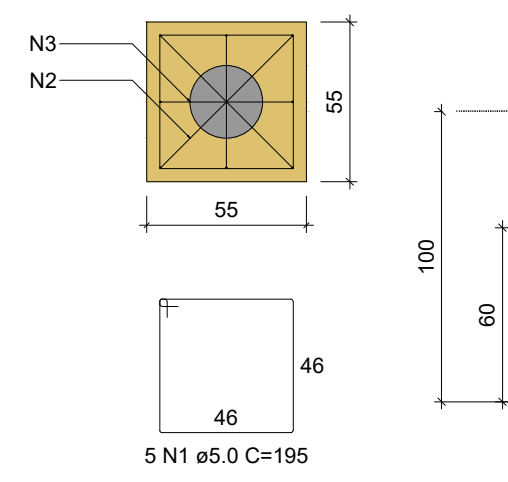
P1=P2=P3=P4=P5=P6=P7=P8=P9



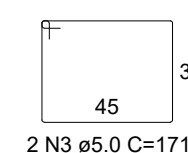
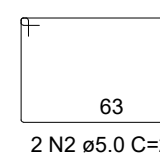
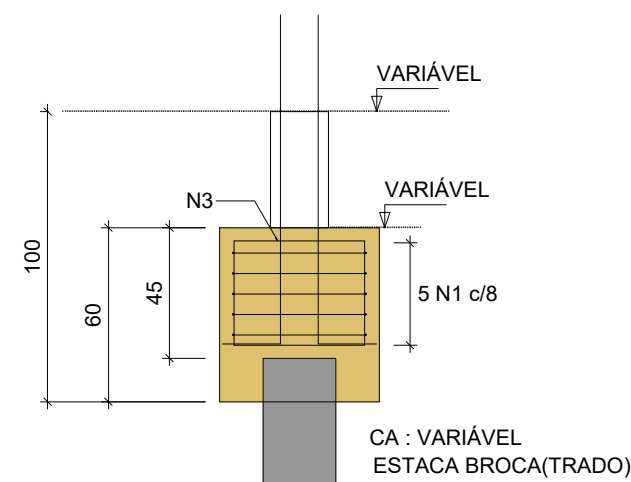
SEÇÃO  
ESC 1:20



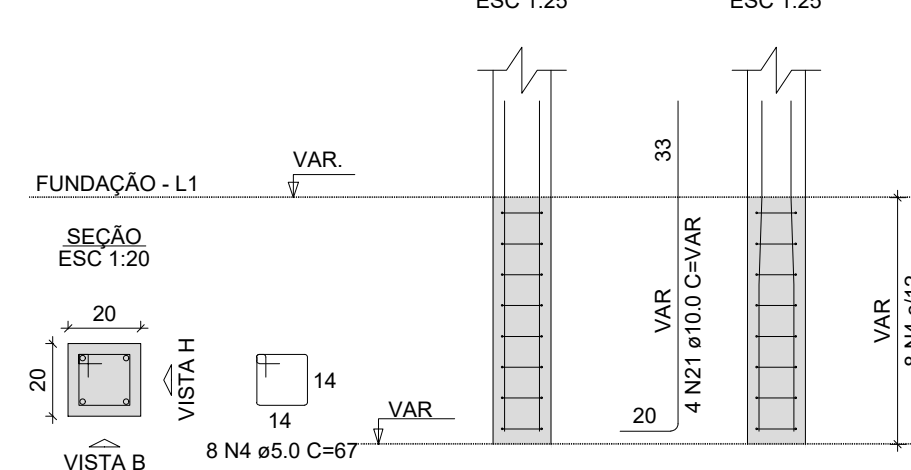
B10  
1ø25  
PLANTA  
ESC 1:25



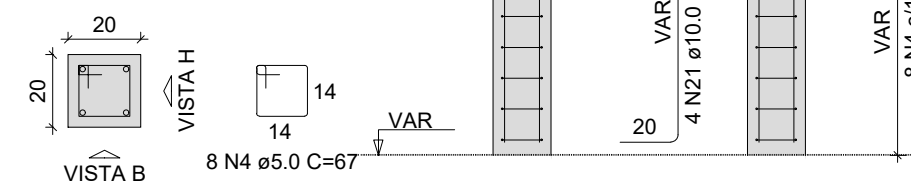
CORTE  
ESC 1:25



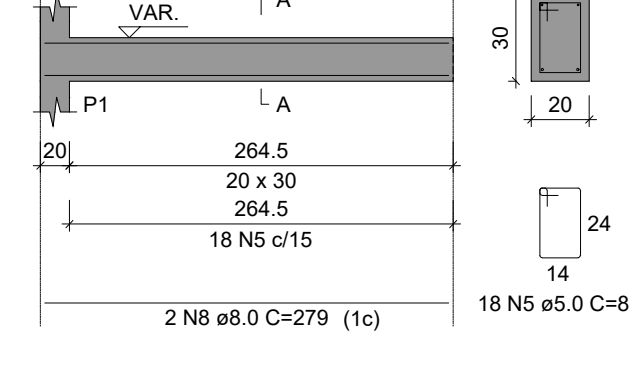
P10



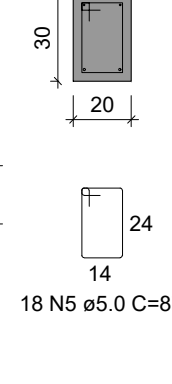
SEÇÃO  
ESC 1:20



V1  
ESC 1:50



SEÇÃO A-A  
ESC 1:25

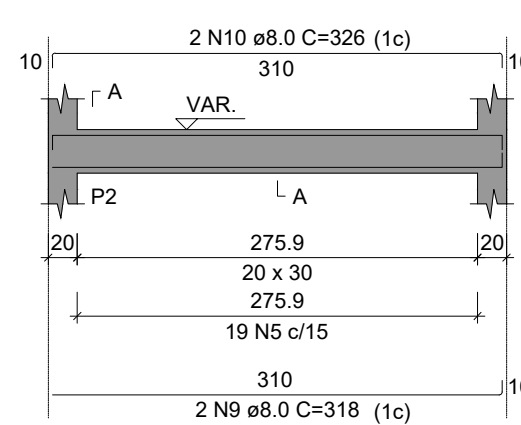


RELAÇÃO DO AÇO					
9xB9-L1 9xP1-L1 V2-L1 V5-L1 V8-L1	B10-L1 P10-L1 V4-L1 V6-L1 V9-L1	10xP1-L2 V1-L1 V4-L1 V7-L1 V10-L1			
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	5.0	50	195	9750
	2	5.0	20	209	4180
	3	5.0	20	171	3420
	4	5.0	270	67	18090
	5	5.0	178	87	15486
	6	5.0	2	279	558
	7	5.0	2	235	470
	8	8.0	2	279	558
	9	8.0	2	318	636
	10	8.0	8	326	2608
CA60	11	8.0	6	310	1860
	12	8.0	2	307	614
	13	8.0	2	315	630
	14	8.0	2	288	576
	15	8.0	2	296	592
	16	8.0	2	300	600
	17	8.0	2	316	632
	18	8.0	4	279	1116
	19	8.0	2	235	470
	20	10.0	40	217	8680
	21	10.0	40	VAR	VAR

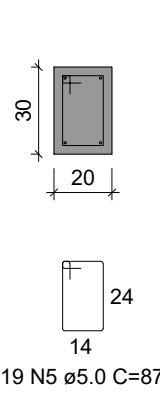
RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	108.9	47.3
CA60	10.0	139.6	94.7
CA60	5.0	519.5	88.1
PESO TOTAL (kg)			
CA50	142		
CA60	88.1		

Volume de concreto fck 3,0kN/cm² (C-30) = 4.34 m³  
Área de forma = 54.77 m²

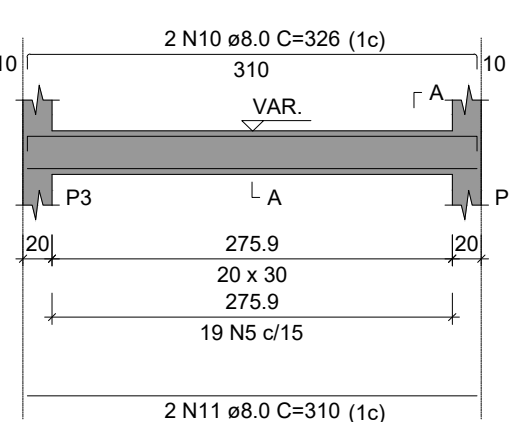
V2  
ESC 1:50



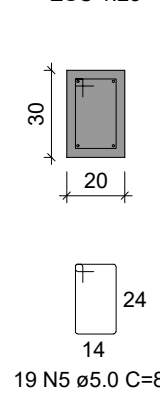
SEÇÃO A-A  
ESC 1:25



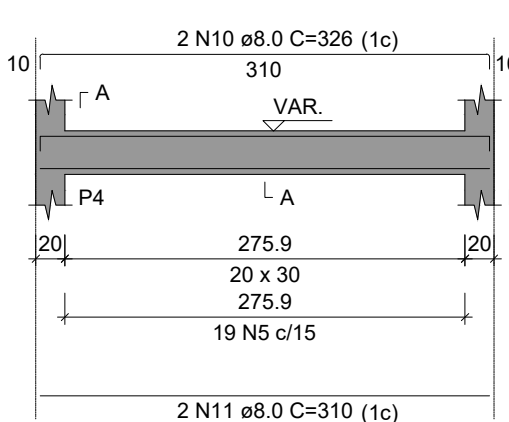
V3  
ESC 1:50



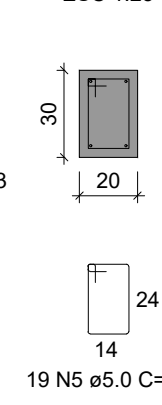
SEÇÃO A-A  
ESC 1:25



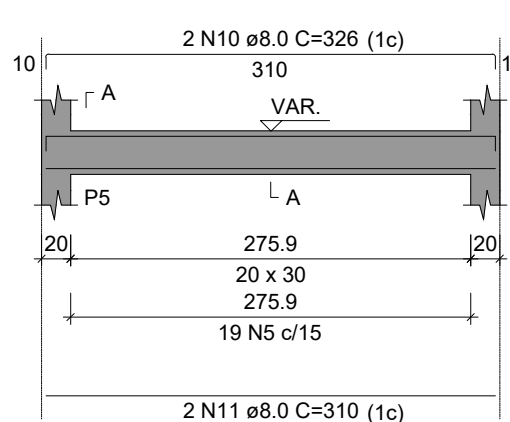
V4  
ESC 1:50



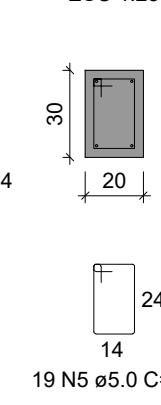
SEÇÃO A-A  
ESC 1:25



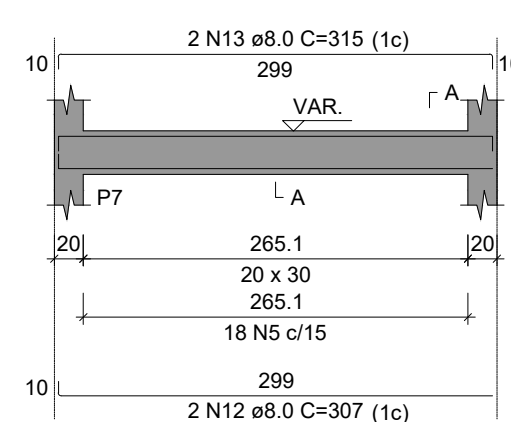
V5  
ESC 1:50



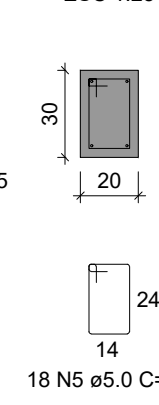
SEÇÃO A-A  
ESC 1:25



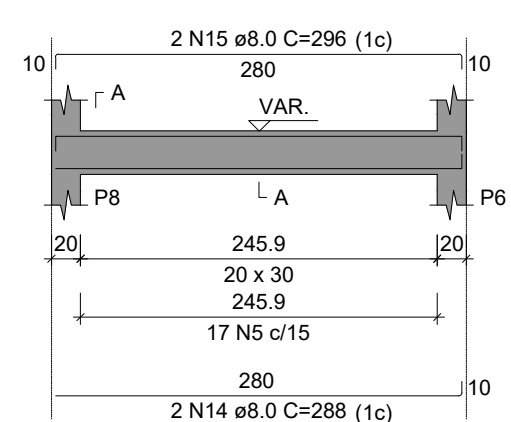
V6  
ESC 1:50



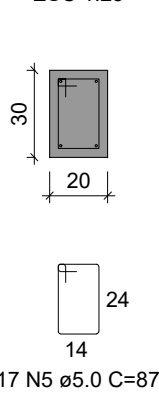
SEÇÃO A-A  
ESC 1:25



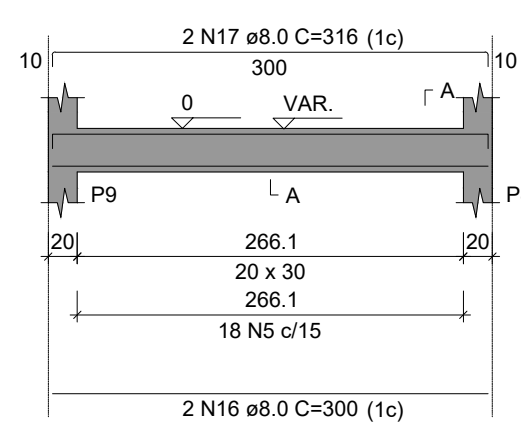
V7  
ESC 1:50



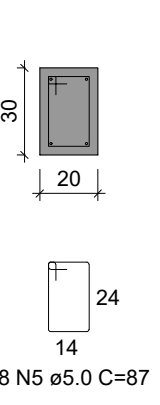
SEÇÃO A-A  
ESC 1:25



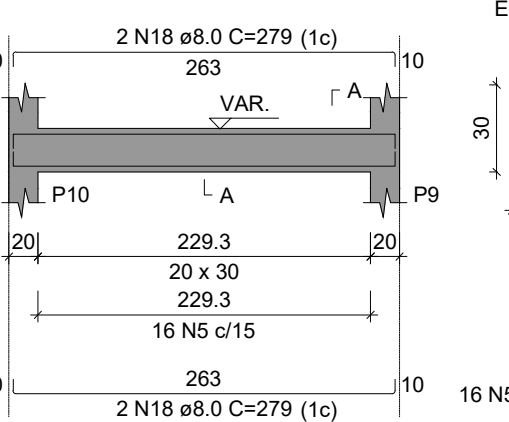
V8  
ESC 1:50



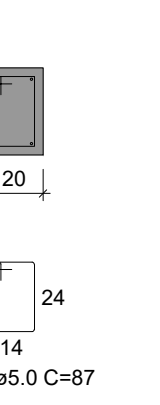
SEÇÃO A-A  
ESC 1:25



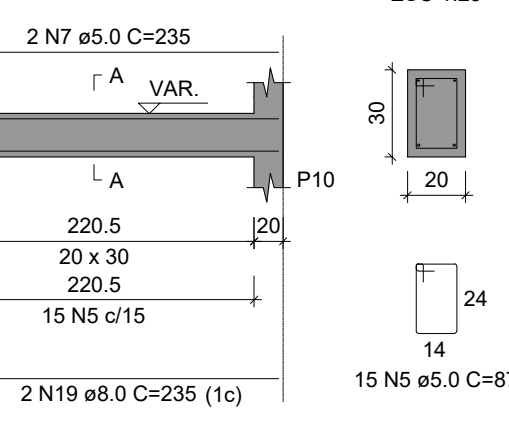
V9  
ESC 1:50



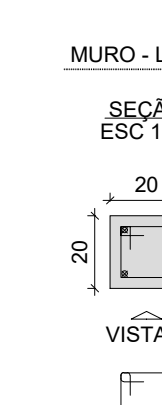
SEÇÃO A-A  
ESC 1:25



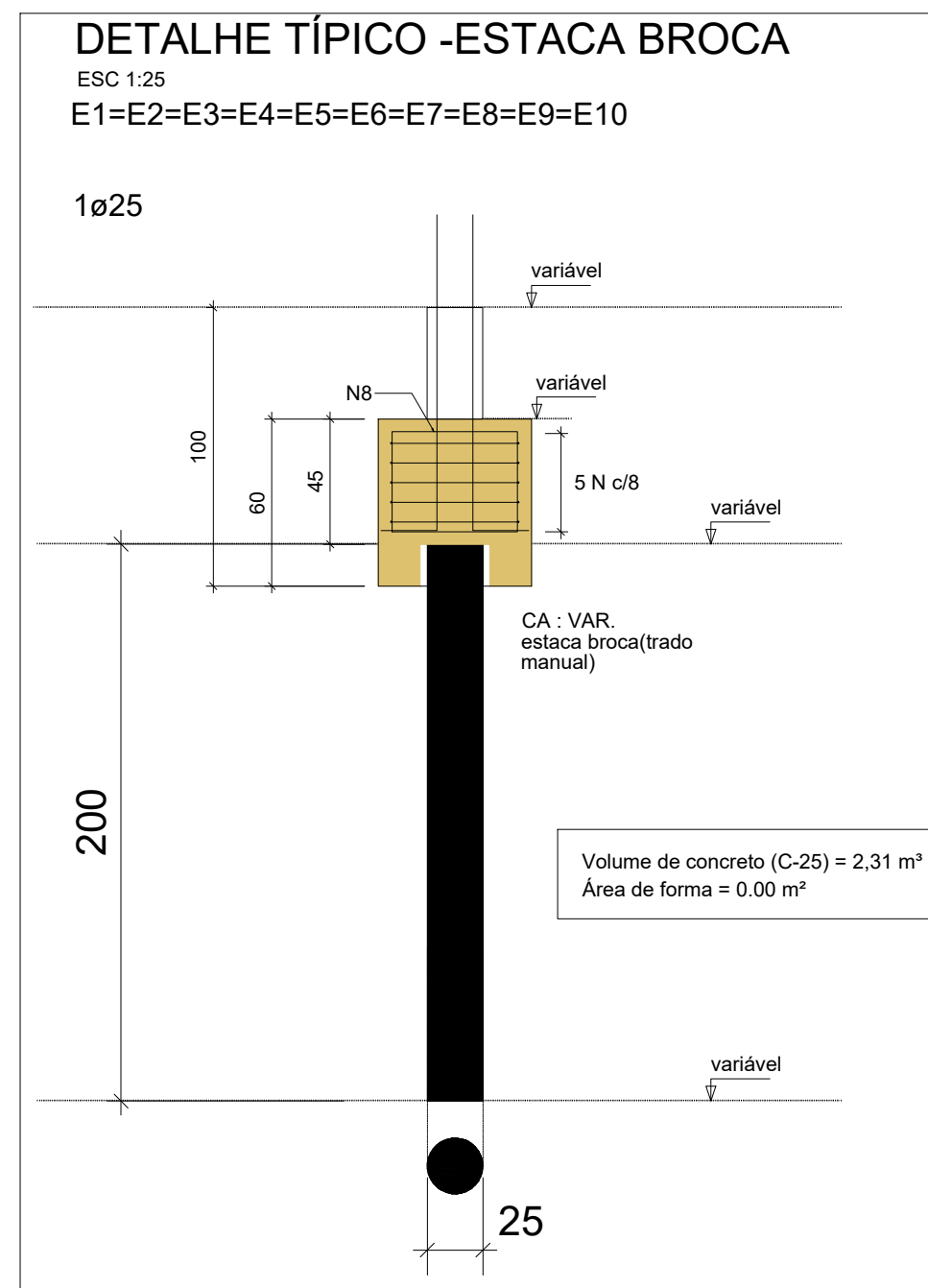
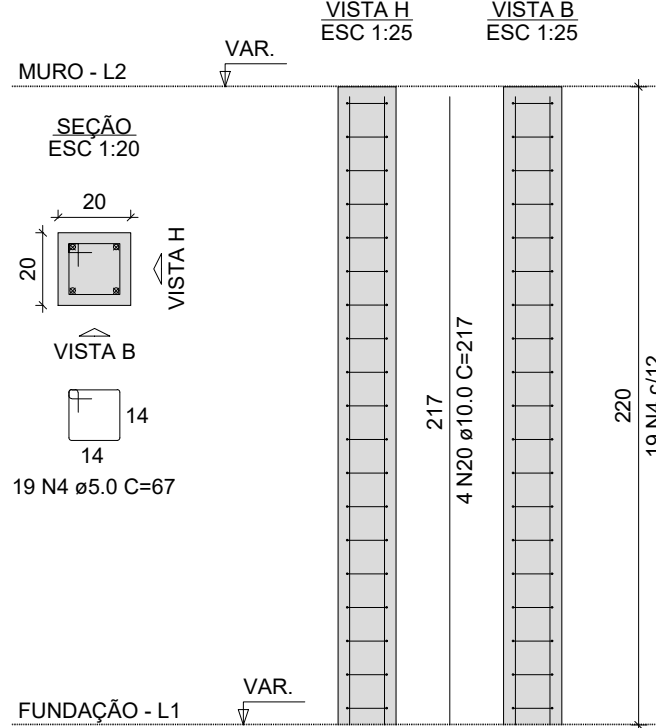
V10  
ESC 1:50



SEÇÃO A-A  
ESC 1:25



P1=P2=P3=P4=P5=P6=P7=  
=P8=P9=P10



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 ARMAÇÃO DO MURO DE DIVISA 04		
ESPECIALIDADE	ESTRUTURAL		
FASE DO PROJETO	EXECUTIVO		
RESPONSÁVEL PROJETO	JOSE ATACIZIO DA FE		
COORDENADOR PROJETO	KARINE NARDY		
PROJETISTA	JOSE ATACIZIO DA FE		
ESCALA	Nº FOLHA		
INDICADA	22		
DATA	21/11/2022		
ARQUIVO	04A-EST-MURO DE DIVISA-BELVEDERE-004		