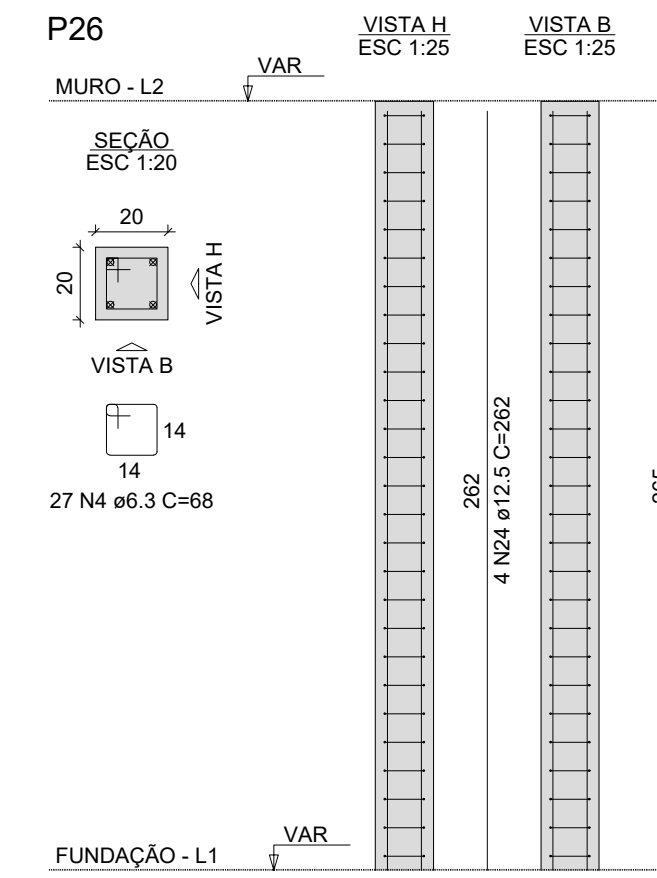
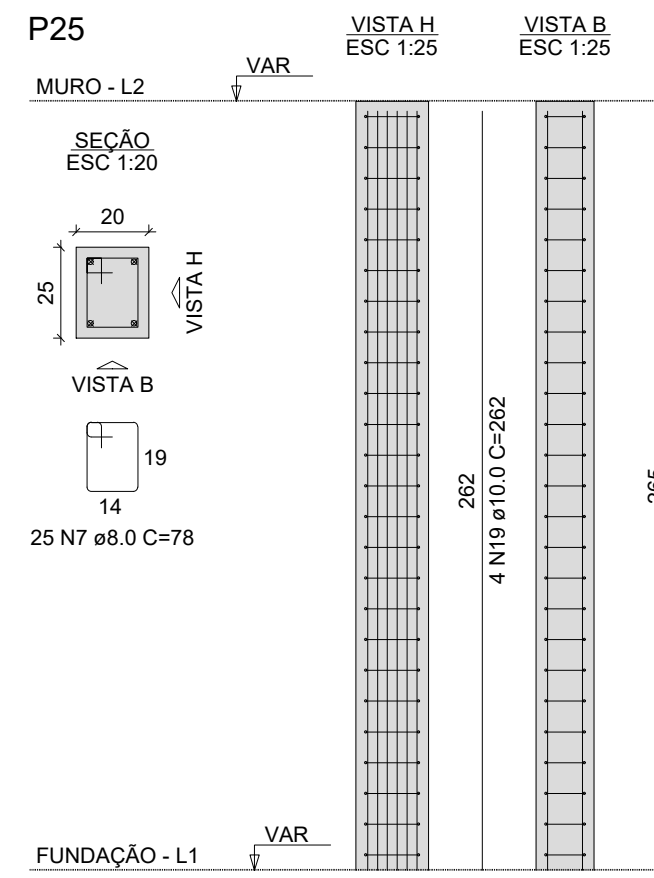
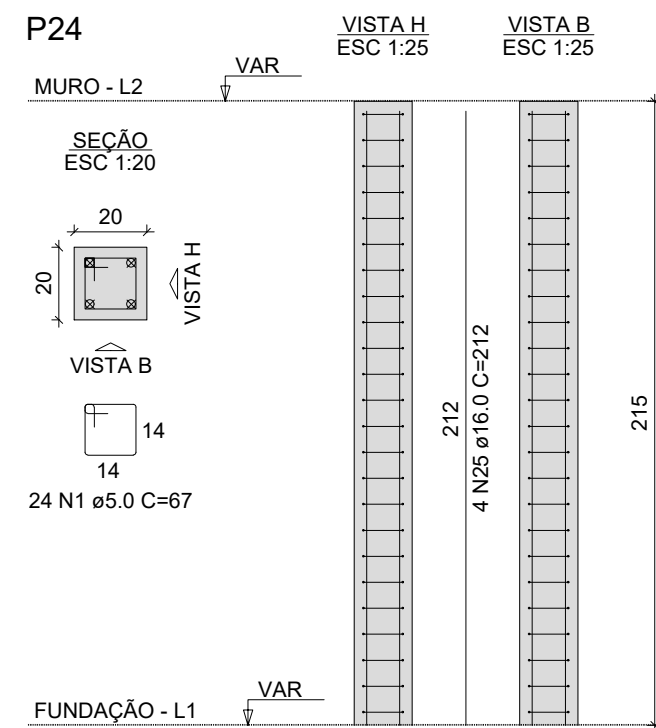
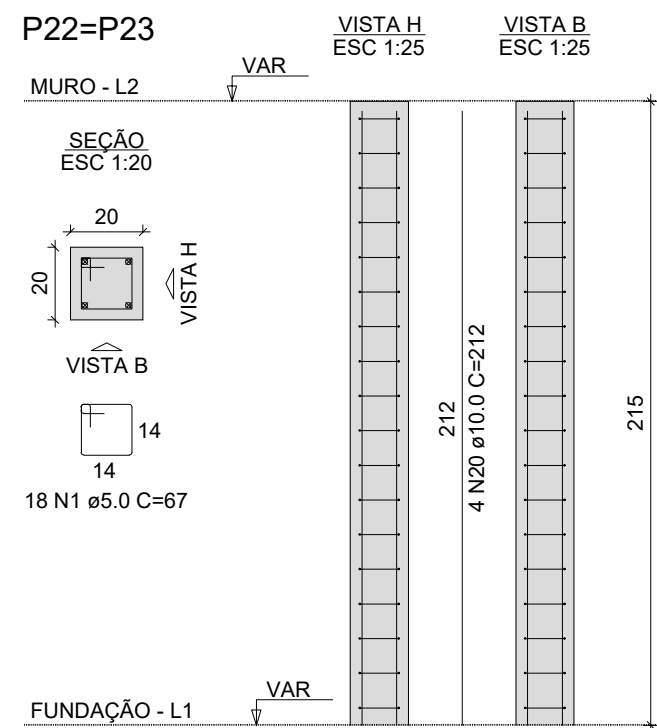
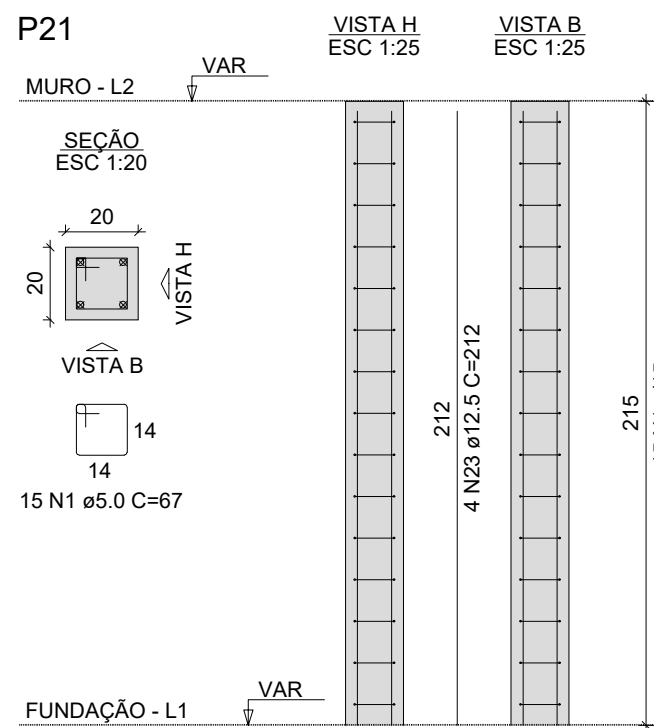
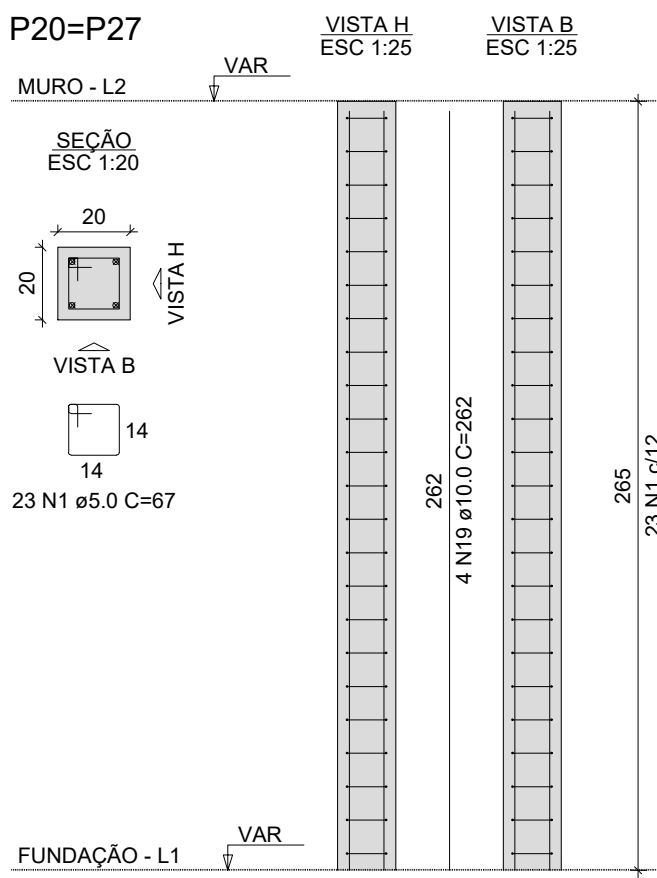
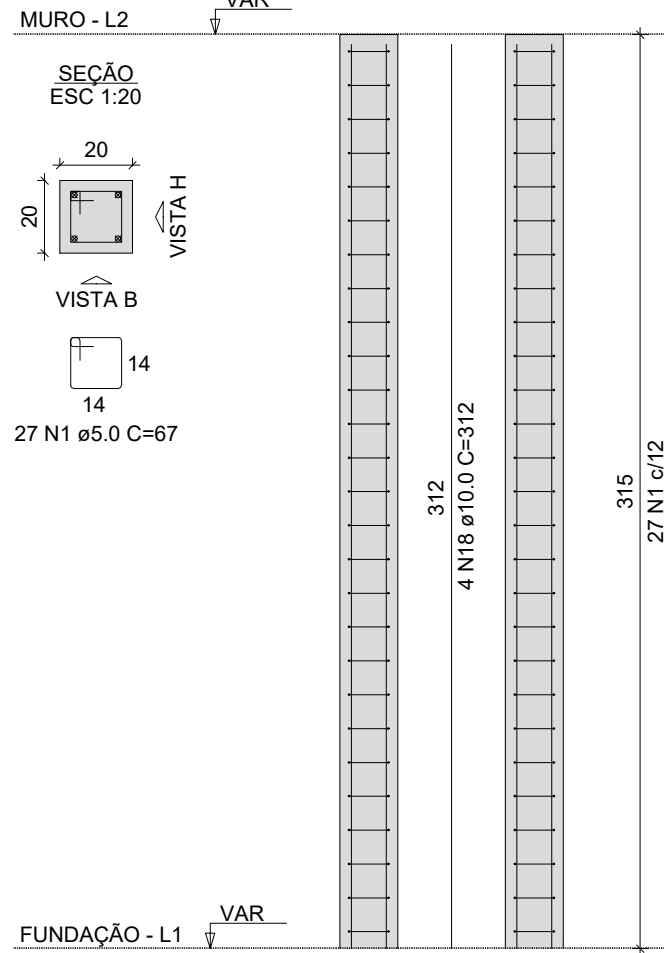


P5=P19



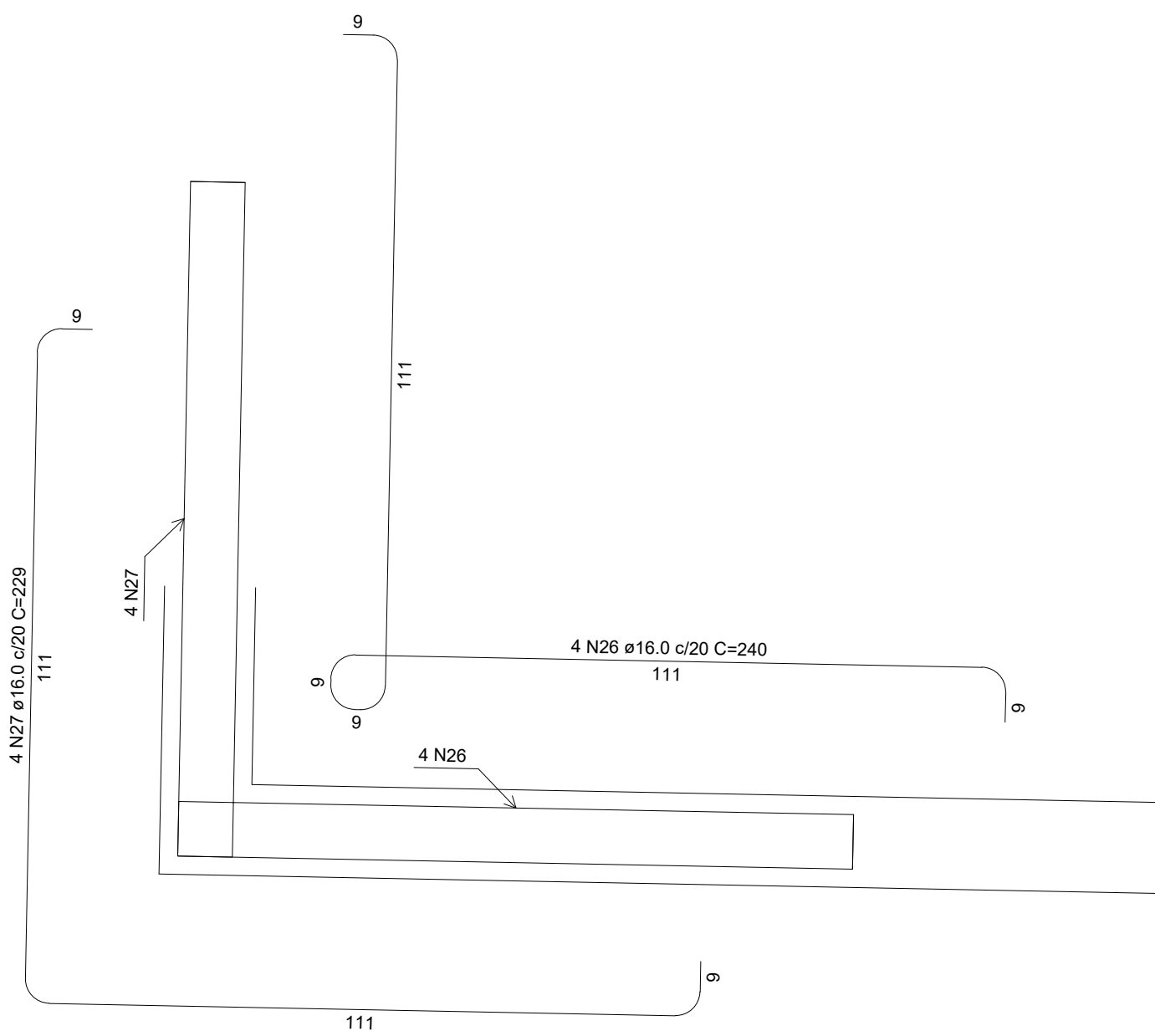
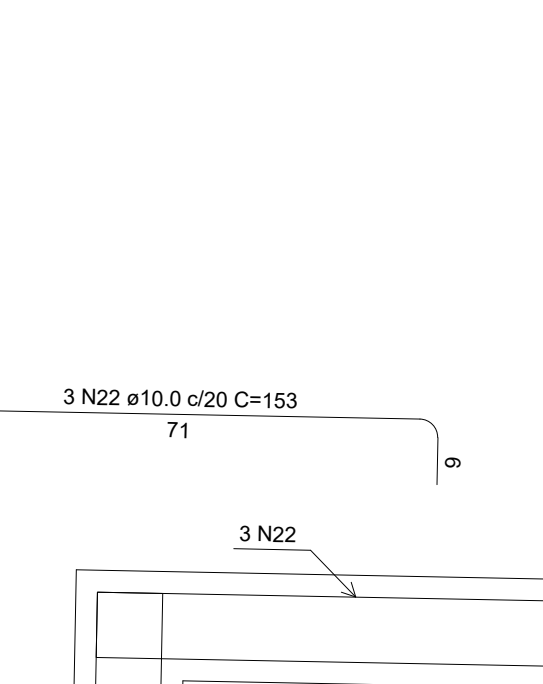
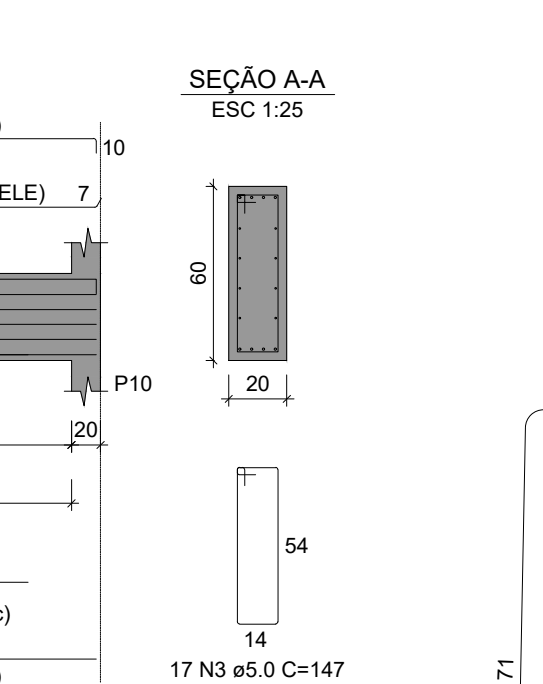
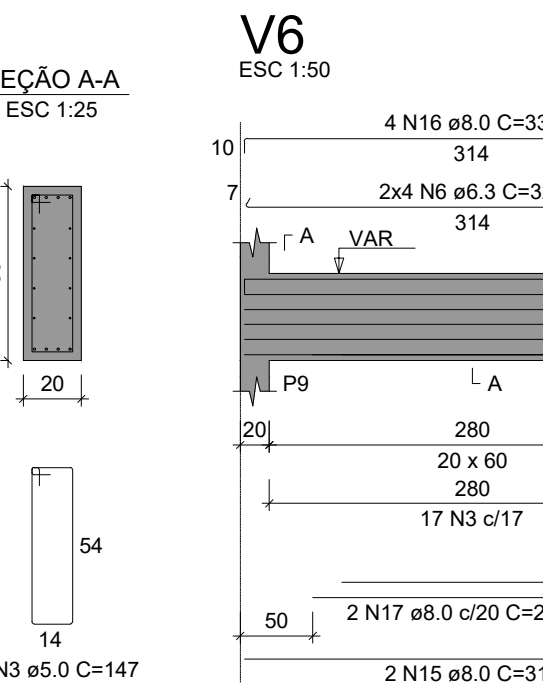
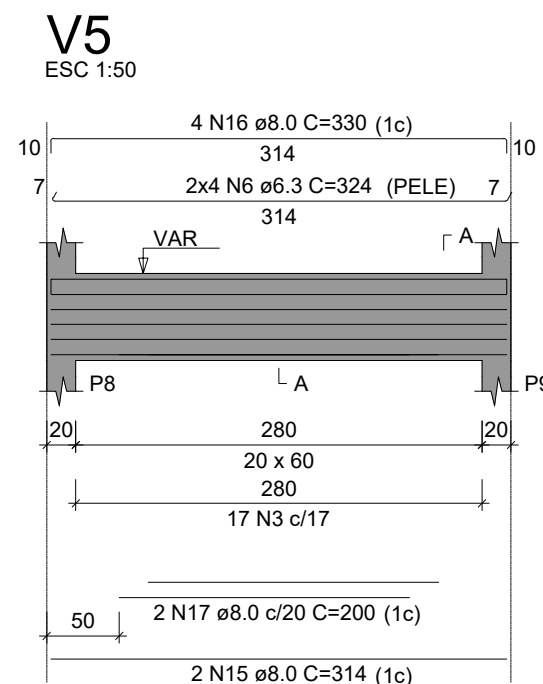
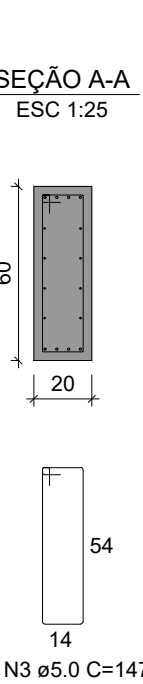
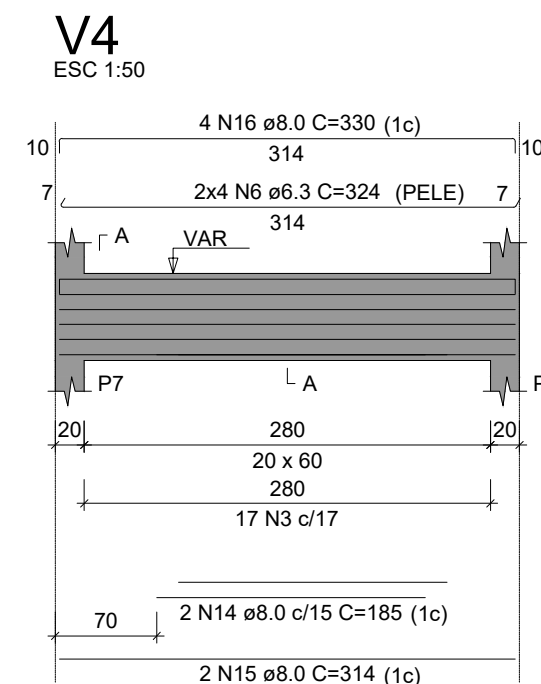
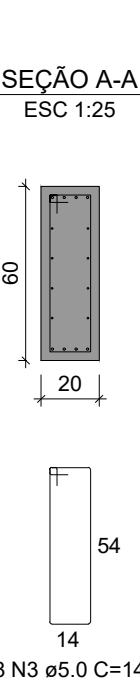
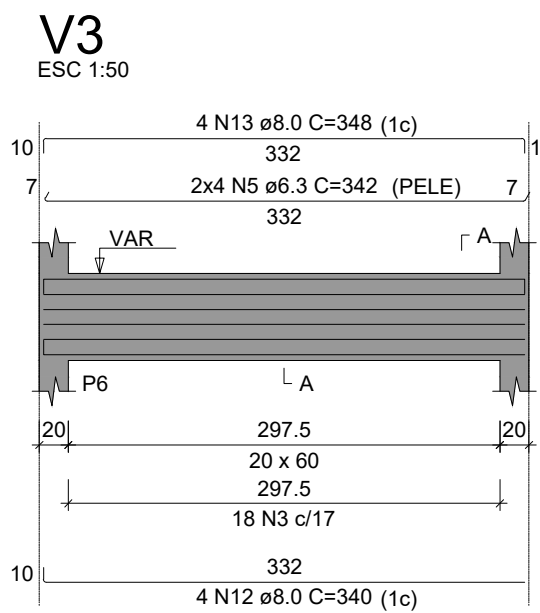
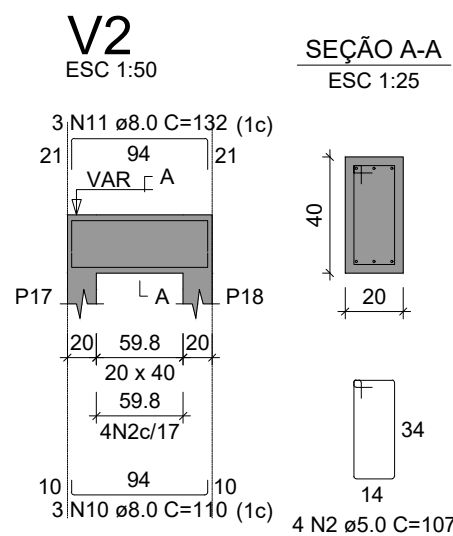
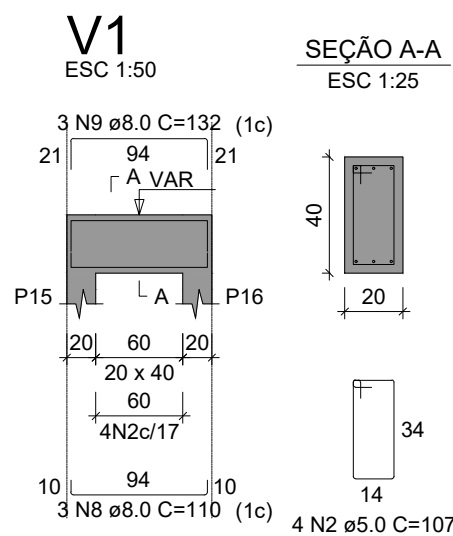
RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	175	67	11725
	2	5.0	8	107	856
	3	5.0	69	147	10143
	4	6.3	27	68	1836
	5	6.3	8	342	2736
	6	6.3	24	324	7776
	7	8.0	25	79	1950
	8	8.0	3	110	330
	9	8.0	3	132	396
	10	8.0	3	110	330
	11	8.0	3	132	396
	12	8.0	4	340	1360
	13	8.0	4	348	1392
	14	8.0	2	185	370
	15	8.0	6	314	1884
	16	8.0	12	330	3960
	17	8.0	4	200	800
	18	10.0	8	312	2496
	19	10.0	16	262	4192
	20	10.0	8	212	1696
	21	10.0	3	167	501
	22	10.0	3	153	459
	23	12.5	4	212	848
	24	12.5	4	262	1048
	25	16.0	4	212	848
	26	16.0	8	240	1920
	27	16.0	8	229	1832

RESUMO DO AÇO

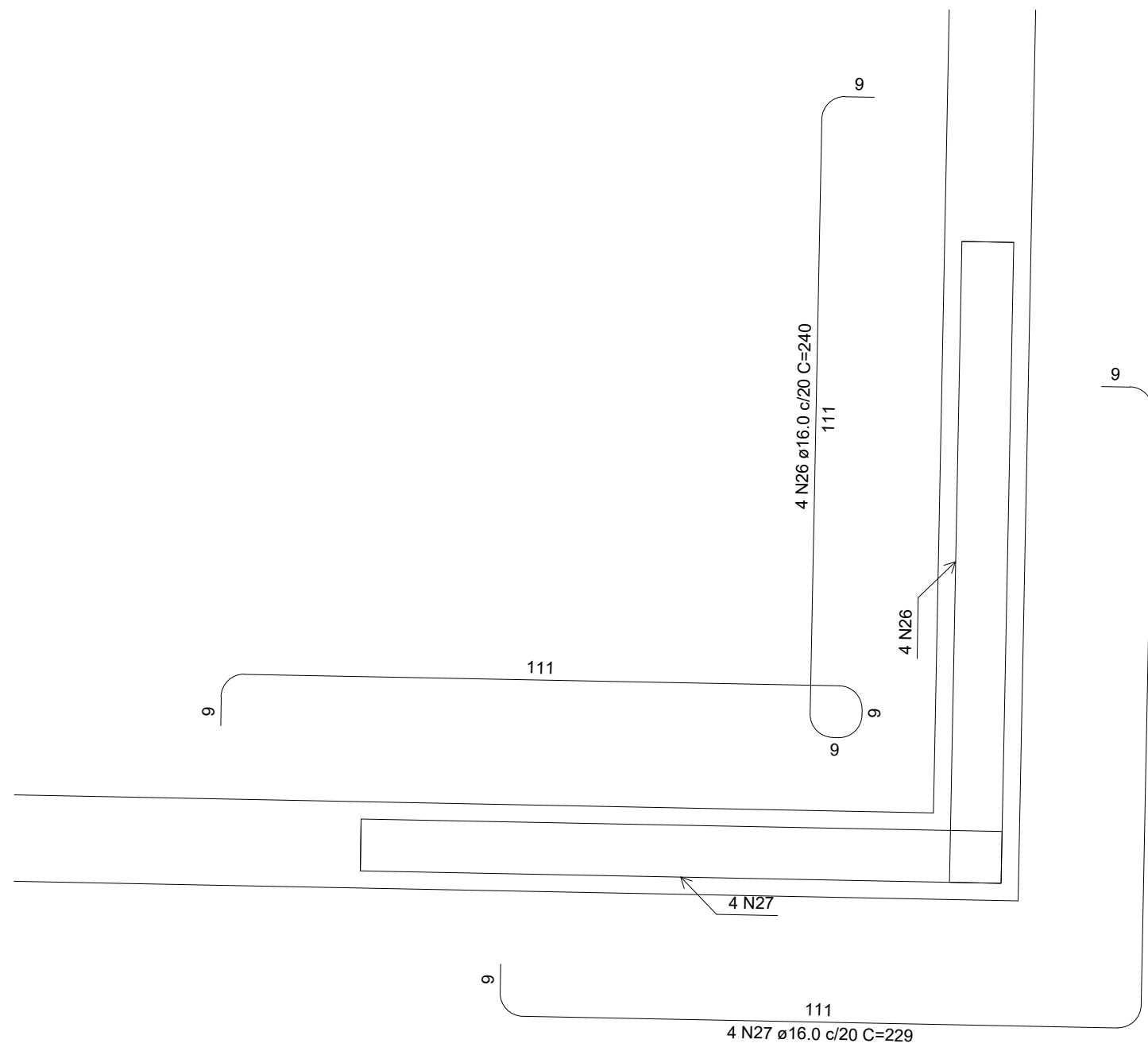
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	123.5	33.2
	8.0	131.7	57.2
	10.0	103.9	70.5
	12.5	19	20.1
	16.0	46	79.9
	5.0	227.2	38.5
PESO TOTAL (kg)			
CA50		260.8	
CA60		38.5	

Volume de concreto fck 3,0kN/cm² (C-30) = 2,51 m³
Área de forma = 37,80 m²



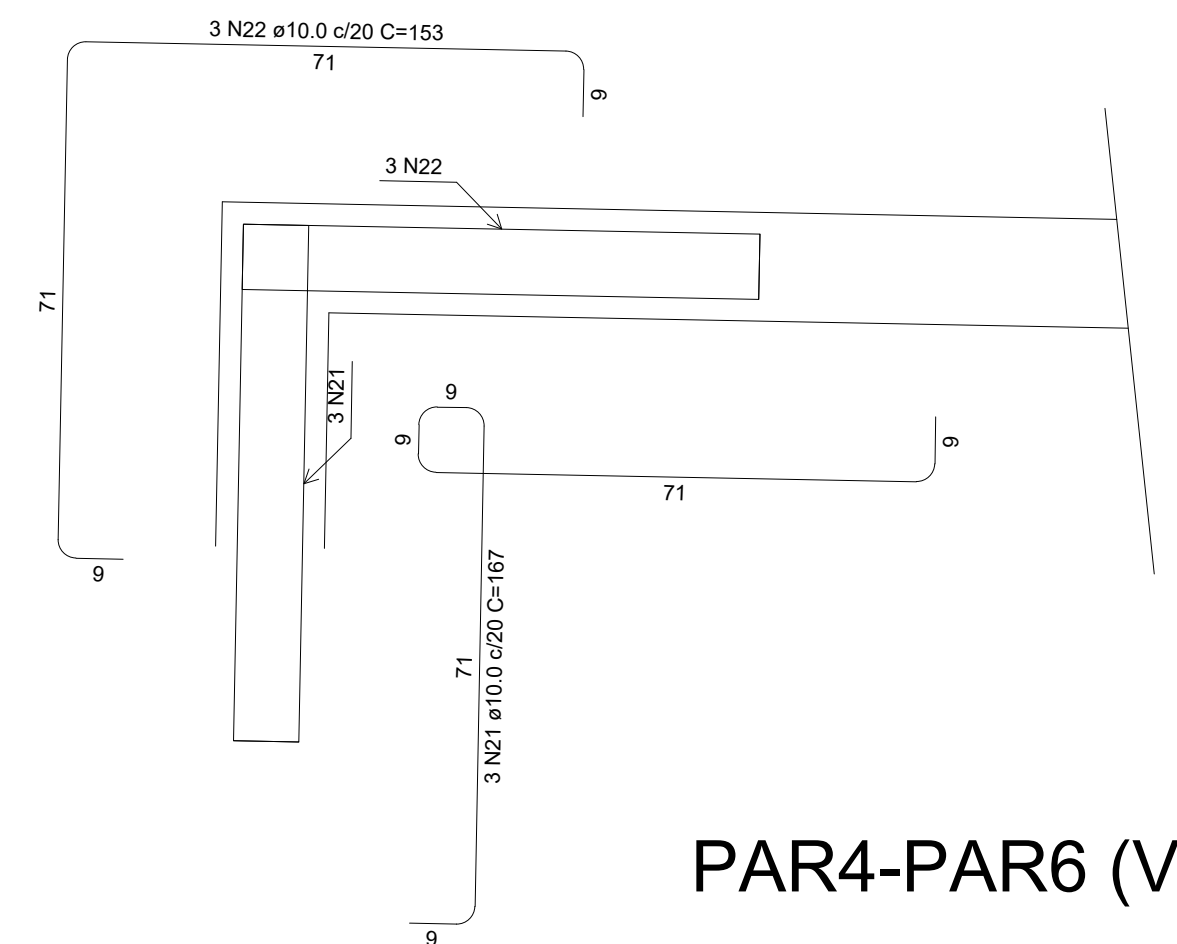
PAR5-PAR6 (VAR.)

escala 1:10



PAR4-PAR7 (VAR.)

escala 1:10



PAR4-PAR6 (VAR.)

escala 1:10

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	ESPECIALIDADE		
ESCOLA MUNICIPAL BELVEDERDE	ESTRUTURAL		
RUA JOSÉ COELHO, RUA CANADÁ E RUA SÉRGIO JACOWLEVSKI	FASE DO PROJETO		
B. SIDERÚRGICO - CONSELHEIRO LAFAIETE/MG	EXECUTIVO		
ASSUNTO	RESPONSÁVEL PROJETO		
PROJETO DE ESTRUTURAS DE CONCRETO	JOSE ATACIZIO DA FE		
FORMAS - MURO DE DIVISA 01	COORDENADOR PROJETO		
	KARINE NARDY		
	PROJETISTA		
	JOSE ATACIZIO DA FE		
	ESCALA		
	INDICADA		
	Nº FOLHA		
	DATA		
	21/11/2022		
	ARQUIVO		
	04-EST-MURO DE DIVISA-BELVEDERE-ROE		