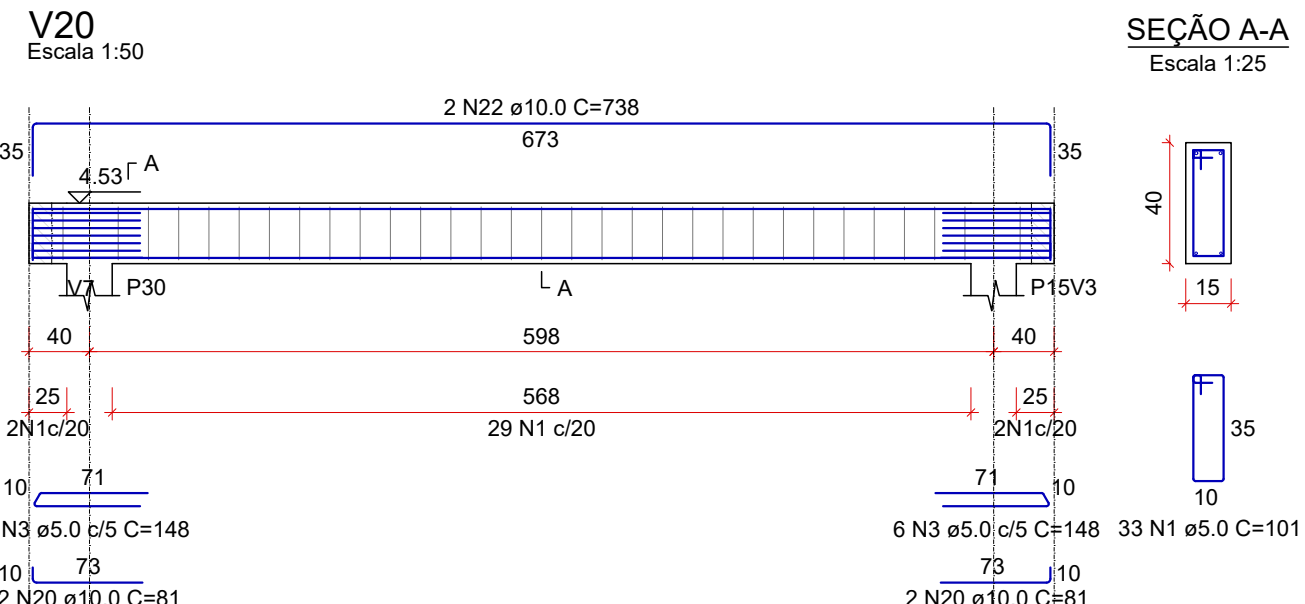
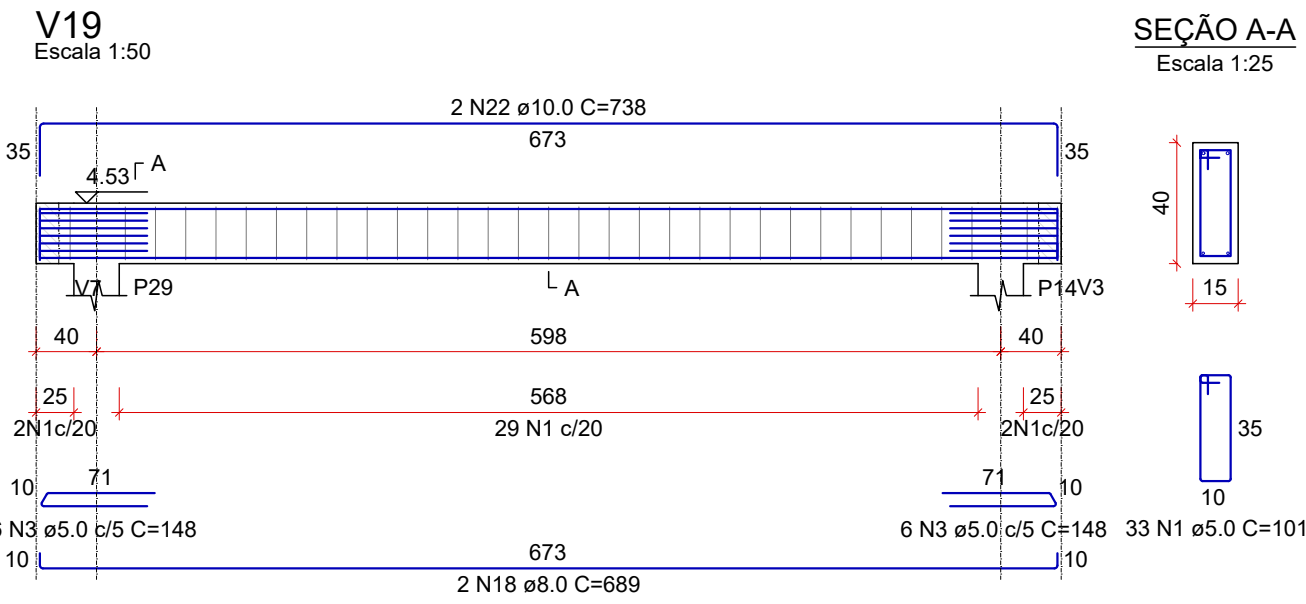
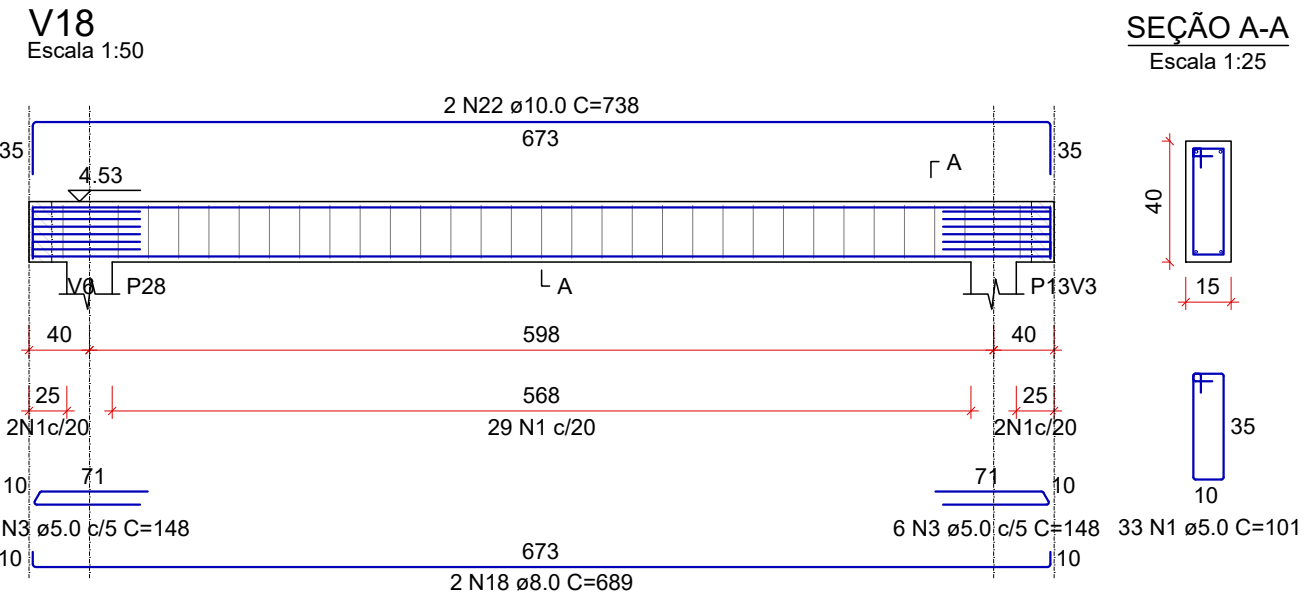
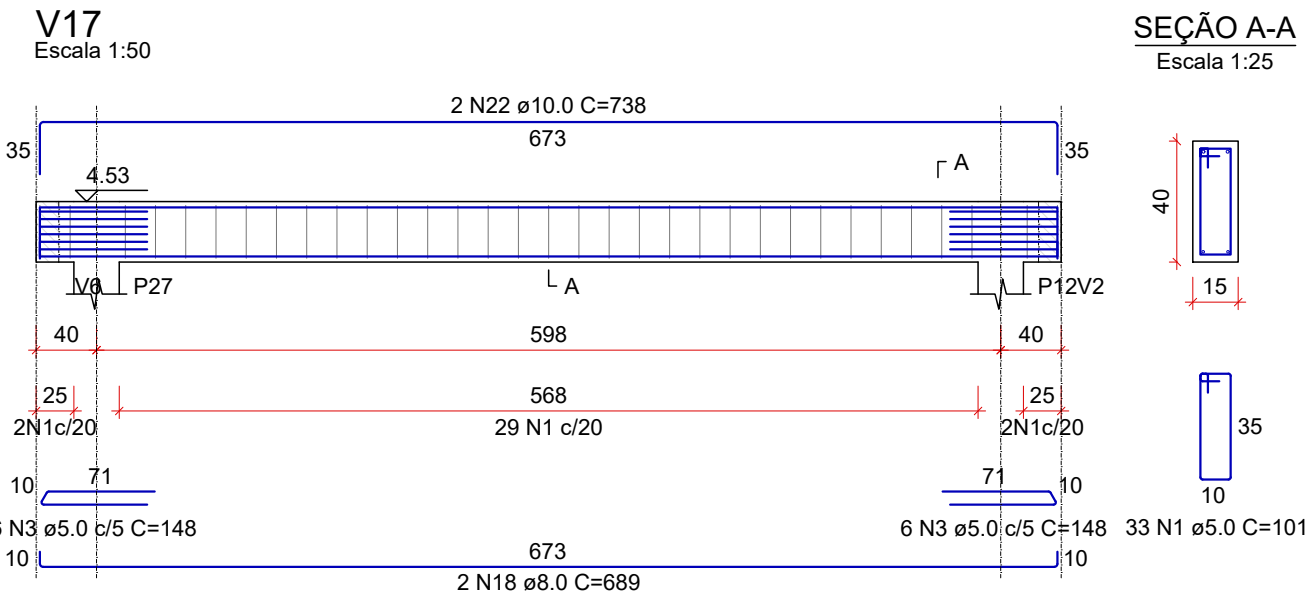
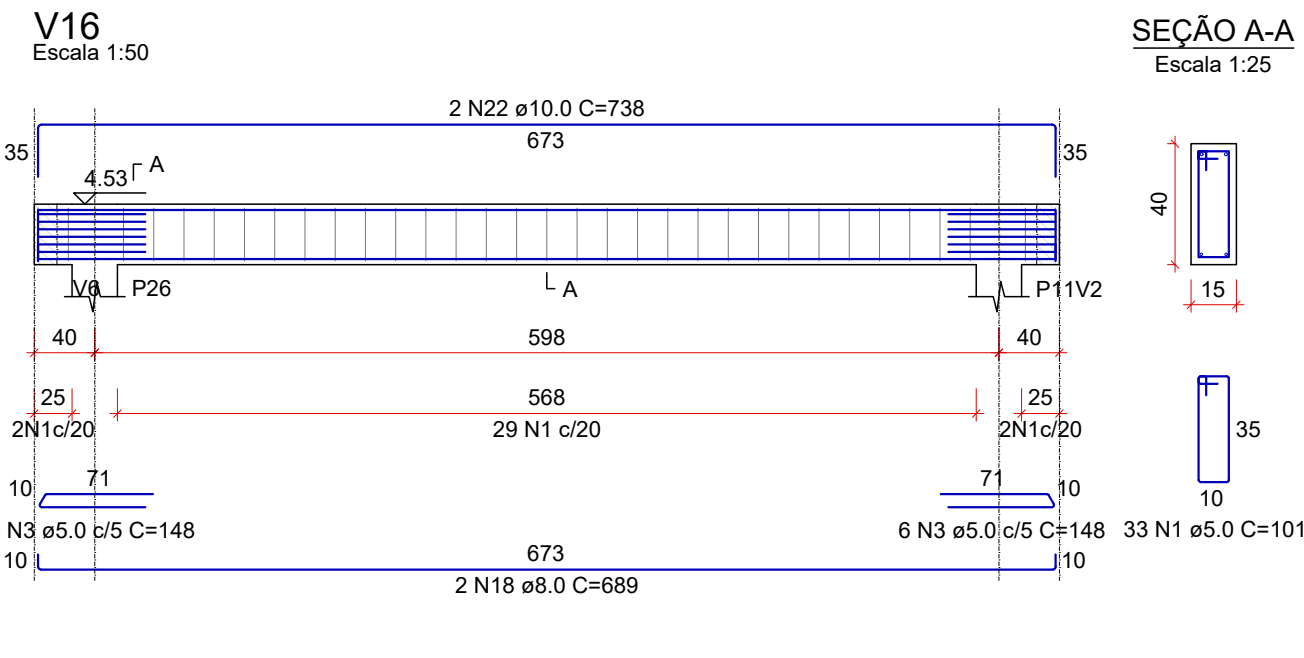
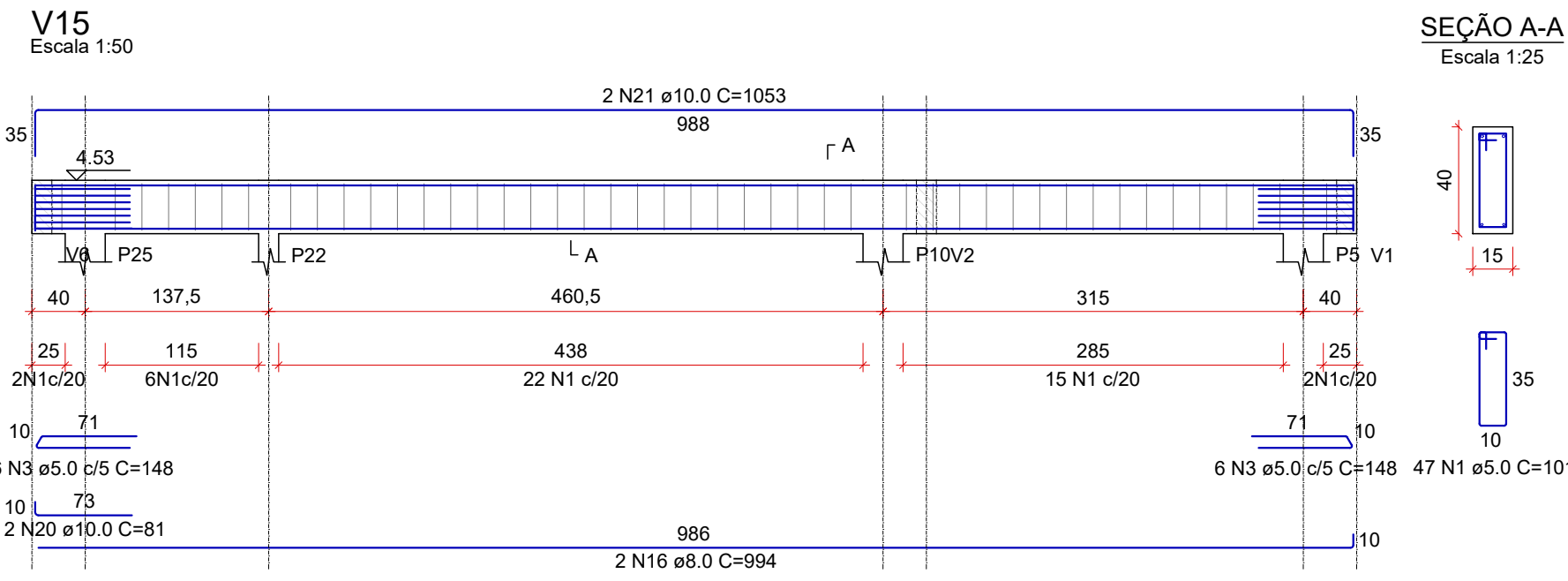
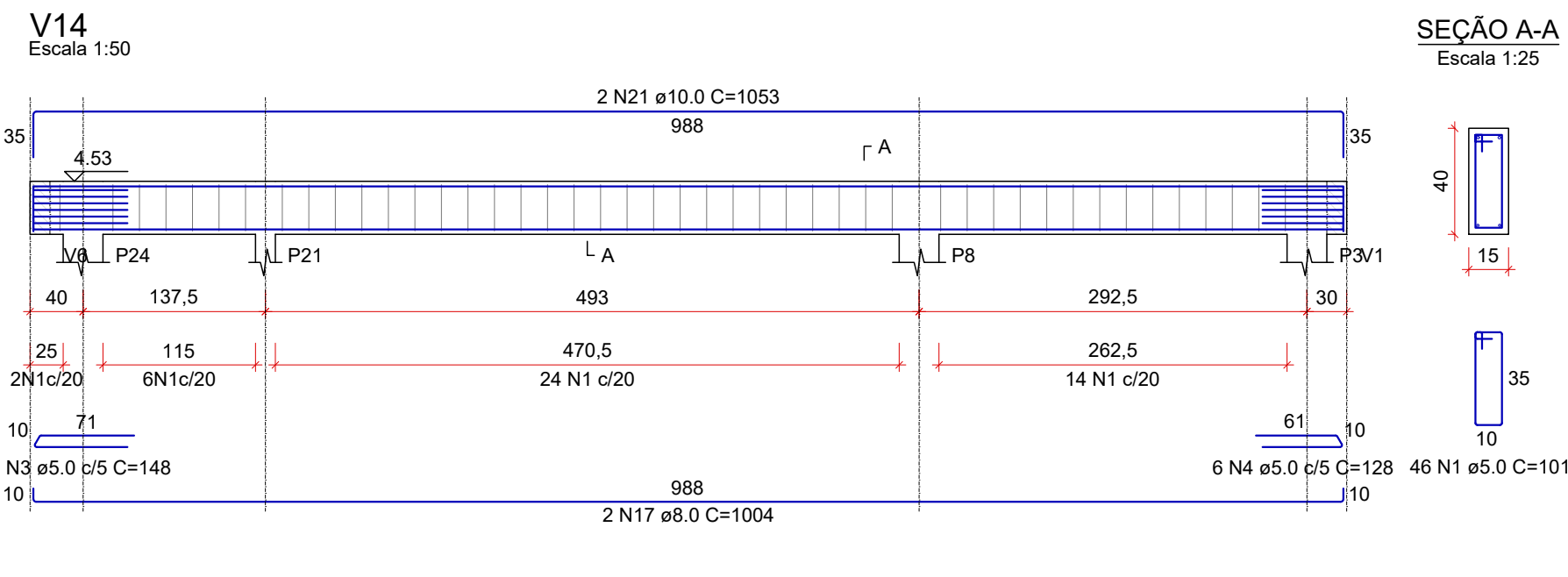
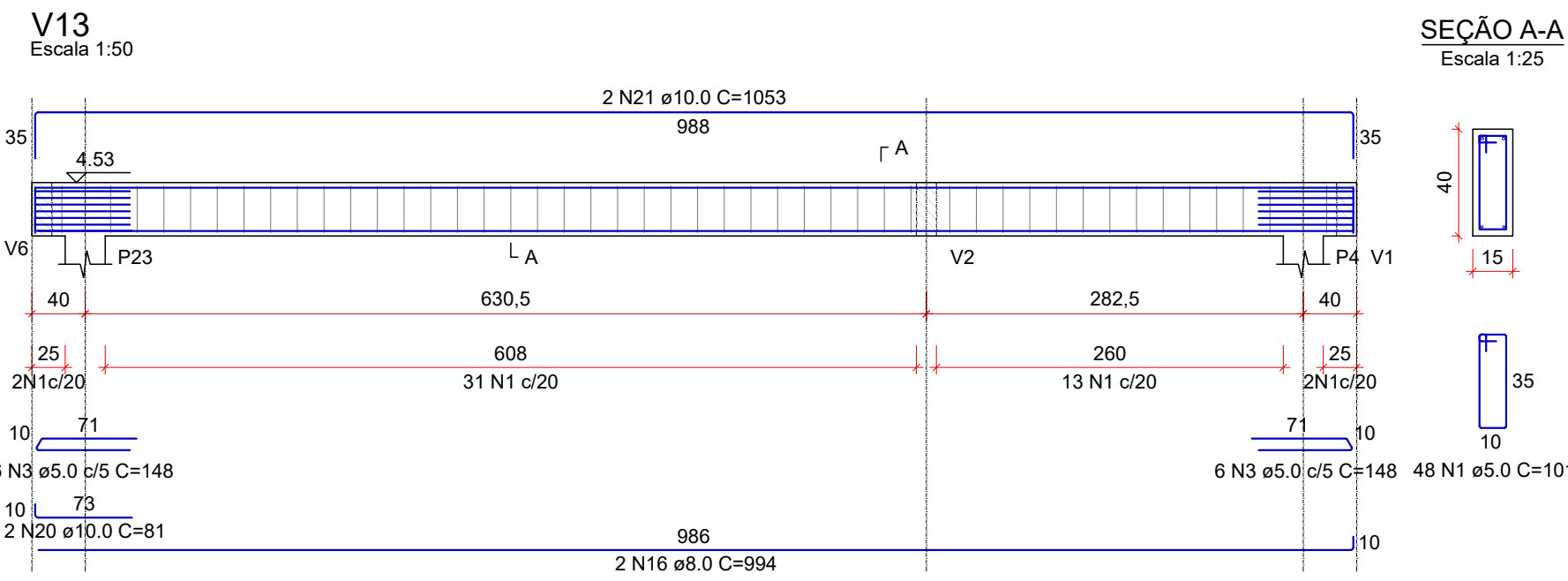
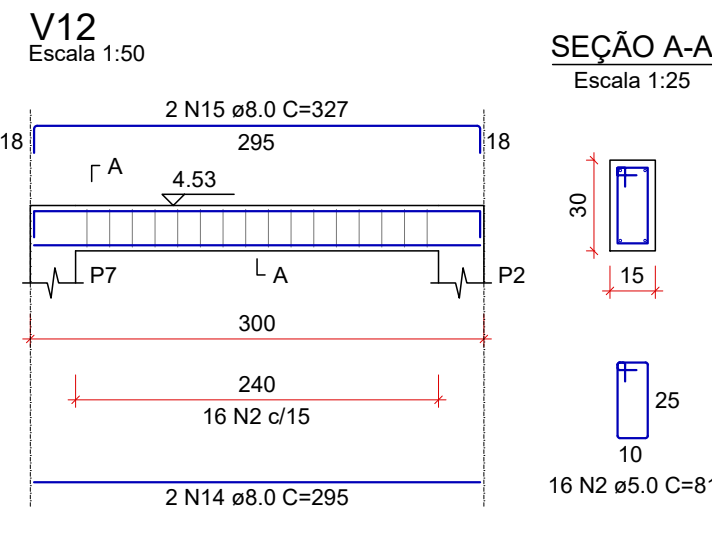
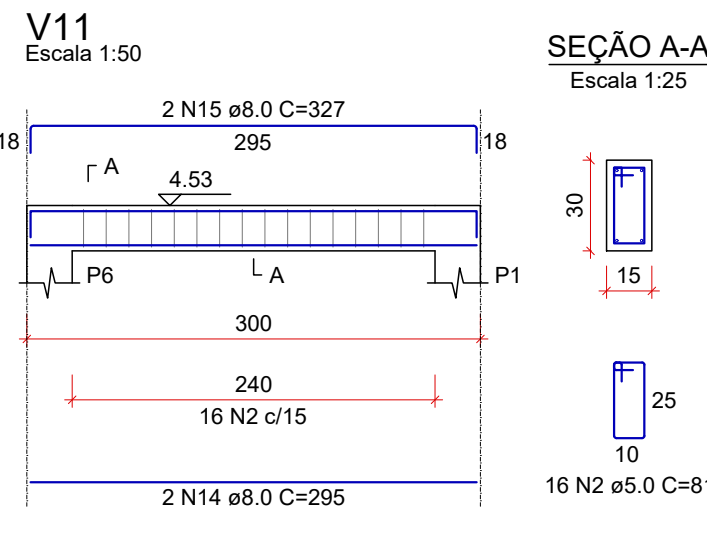
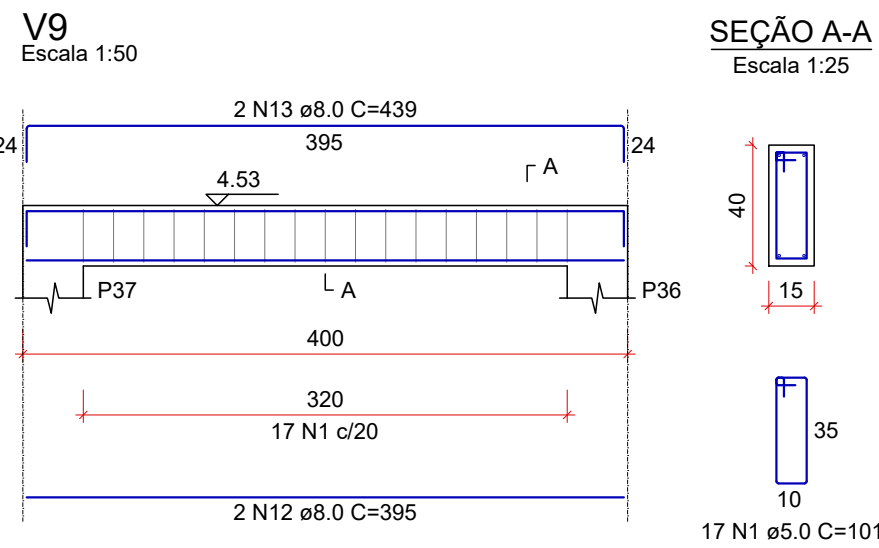
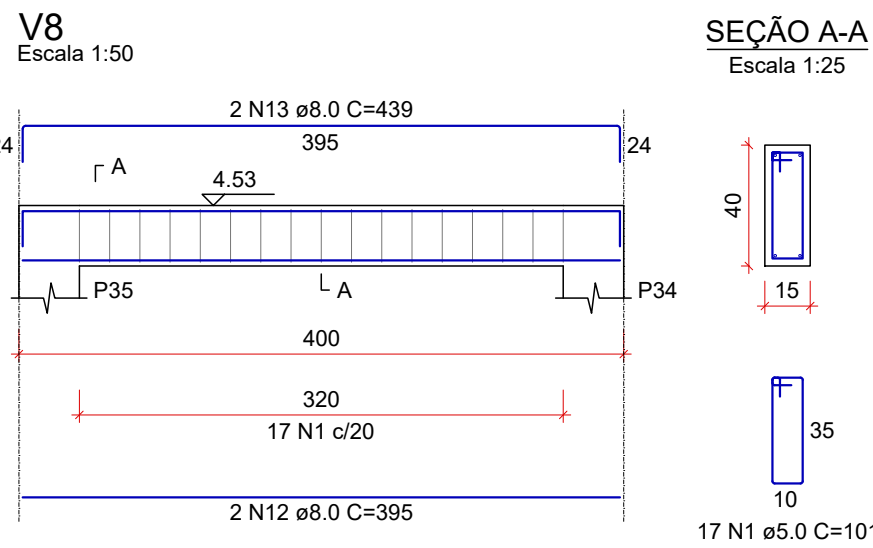
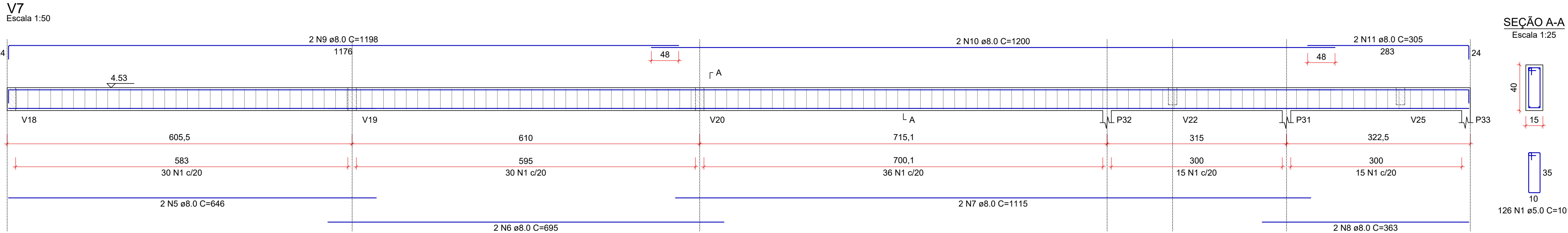


RELAÇÃO DO AÇO					
V7	V8	V9			
V11	V12	V13			
V14	V15	V16			
V17	V18	V19			
V20					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	466	101	47066
	2	5.0	32	81	2592
	3	5.0	90	148	13320
	4	5.0	6	128	768
	5	8.0	2	646	1292
	6	8.0	2	695	1390
	7	8.0	2	1115	2230
	8	8.0	2	363	726
	9	8.0	2	1198	2396
	10	8.0	2	1200	2400
CA50	11	8.0	2	305	610
	12	8.0	4	395	1580
	13	8.0	4	439	1756
	14	8.0	4	295	1180
	15	8.0	4	327	1308
	16	8.0	4	994	3976
	17	8.0	2	1004	2008
	18	8.0	8	689	5512
	19	8.0	2	668	1336
	20	10.0	8	81	648
	21	10.0	6	1053	6318
	22	10.0	10	738	7380

RESUMO DO AÇO				
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barrias)	PESO + 10% (kg)
CA50	8.0	297	28	128.9
CA60	10.0	143.5	14	97.3
CA60	5.0	637.5	59	108.1
PESO TOTAL (kg)				
CA50				226.2
CA60				108.1

Volume de concreto (C-30) = 5.60 m³
Área de forma = 97.00 m²

NOTAS:
Cotas em centímetros;
Níveis em metros.

REV. 00	08/08/22	EMIÇÃO INICIAL	DAC
REVISÃO	DATA	DESCRIÇÃO	RESP.
		GERÊNCIA DE PROJETOS PEDRO HENRIQUE JUSTINIANO ENG. CIVIL	
COORDENAÇÃO DE PROJETOS ALOISIO CAETANO FERREIRA CREA-MG-97.132/D		RESPONSÁVEL TÉCNICO ENG. CIVIL FLÁVIA C. BARBOSA CREA-MG-187.842/D	
PROJETO RUA Miguel Vianna, nº 81, Sala 12 Bairro Morro Chic CEP: 37500-080 - Itajubá / MG Tel: (35) 3623-5720 www.dacengenharia.com.br		PROJETO ENG. CIVIL WILLIAM BARADEL LARI	
DESENHO DAVI VELOSO ALVES			
EMPREENDIMENTO REFORMA E AMPLIAÇÃO DA E.M. DR. JOSÉ RIBEIRO DE CARVALHO			
ENDEREÇO RUA DAS HORTÊNCIAS - B. CONJ. H. R. DAS MARGARIDAS SANTA RITA DO SAPUCAÍ - MINAS GERAIS		DISCIPLINA ESTRUTURAL	
ASSUNTO PROJETO ESTRUTURAL DETALHAMENTO DAS VIGAS - COBERTURA		FASE DO PROJETO EXECUTIVO	
FOLHA Nº.		09/12	
DATA INICIAL 08/08/2022	ESCALA INDICADA	REVISÃO R00	ARQUIVO DAC-PMSRS-JRC-FSH-PE-EST-R00.DWG