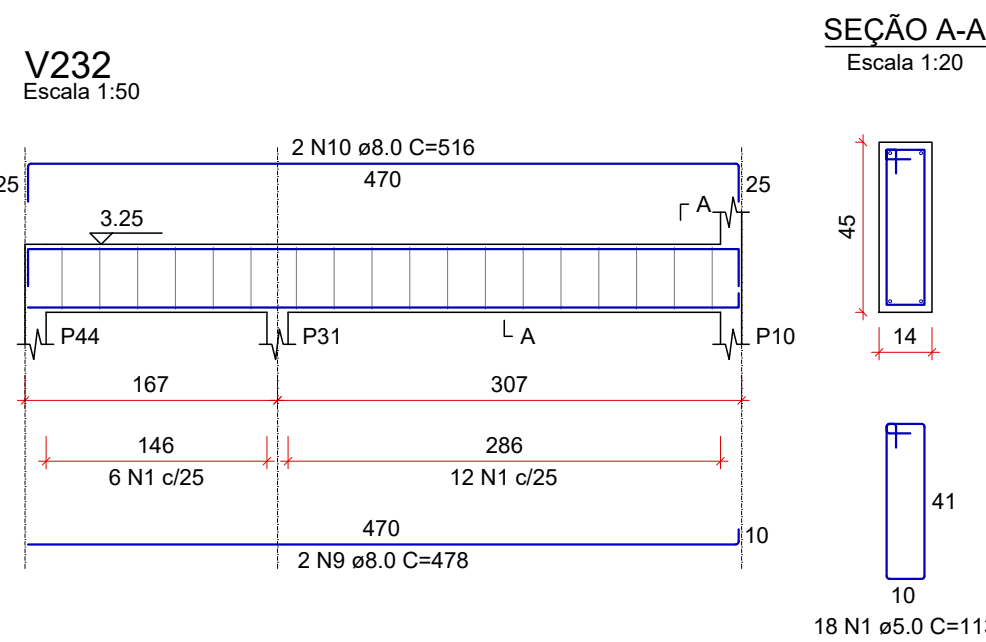
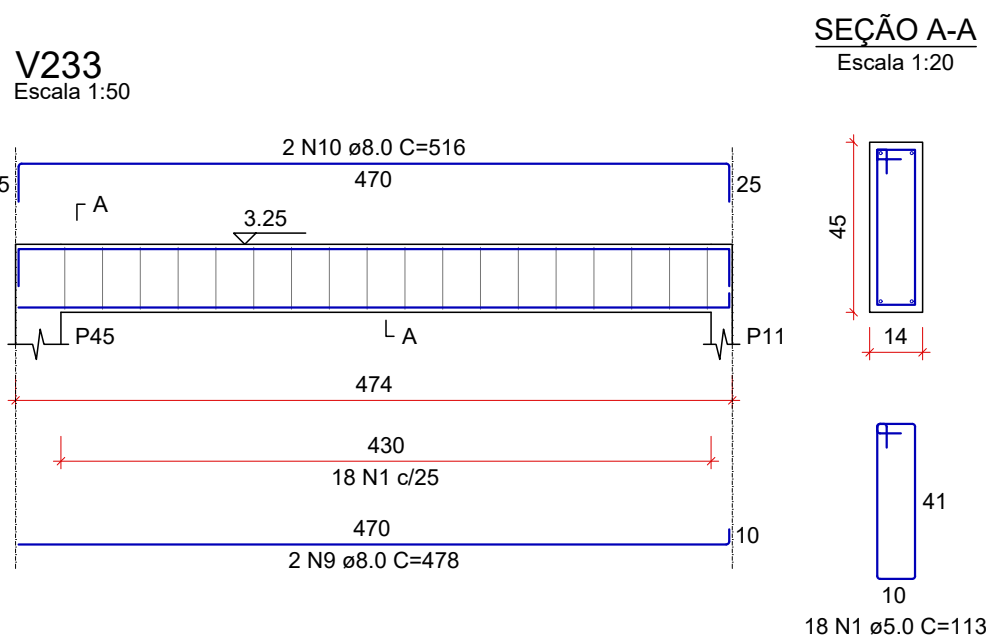
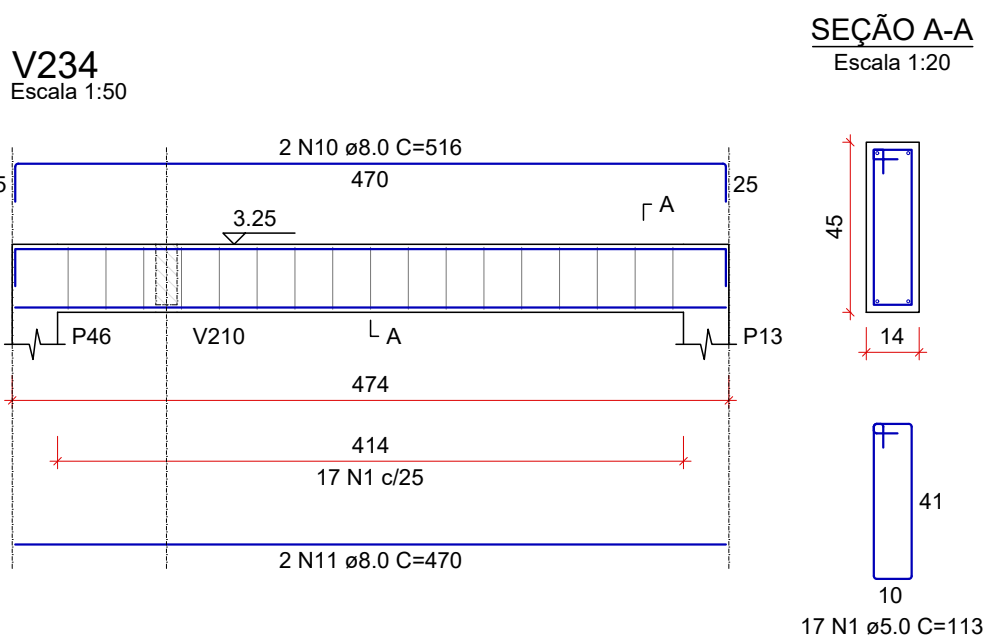
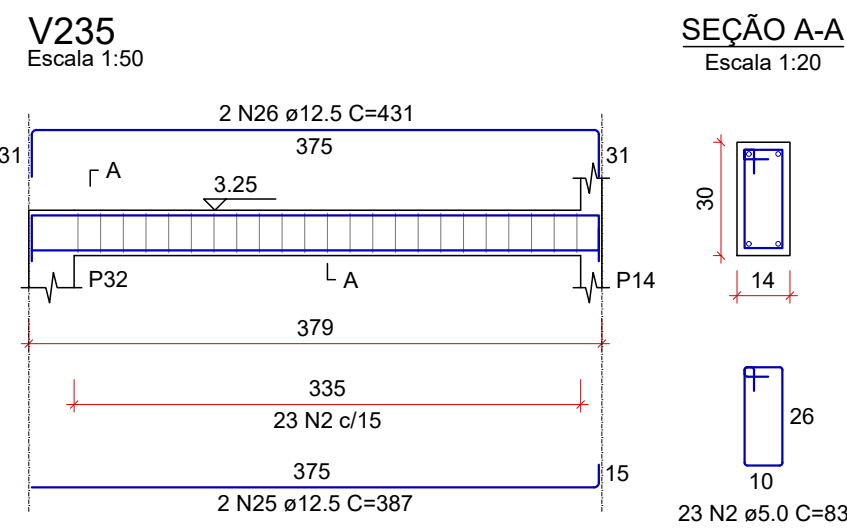
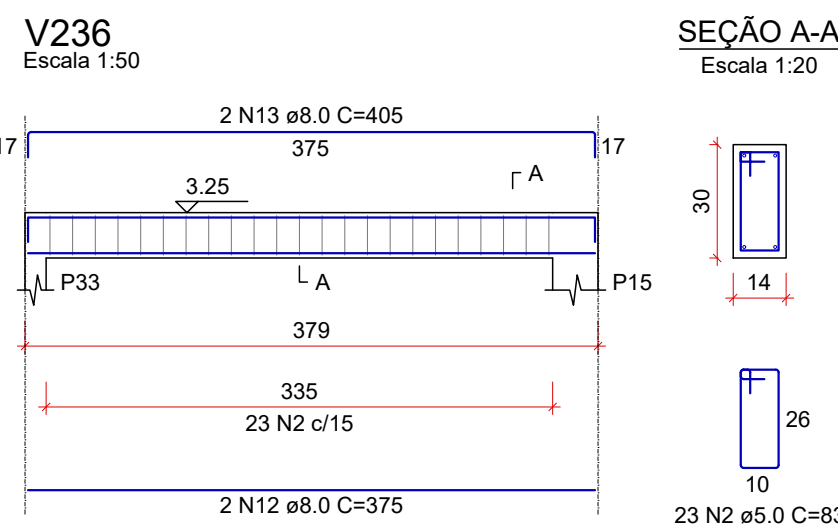
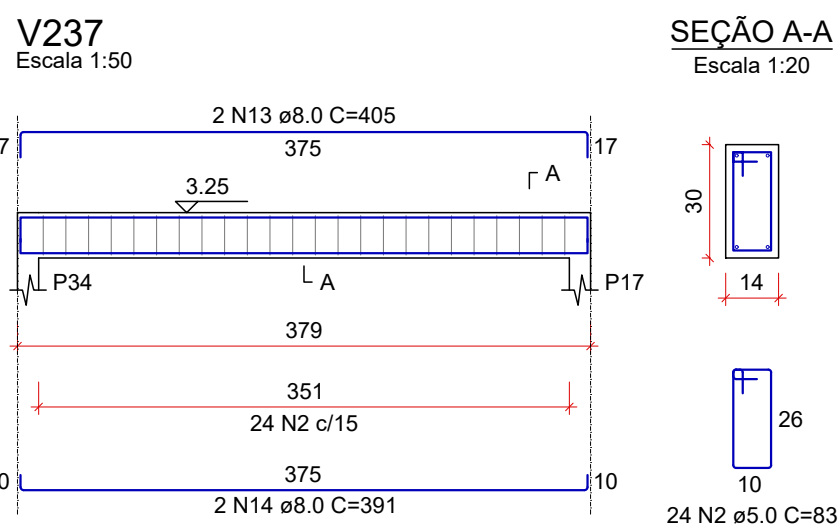
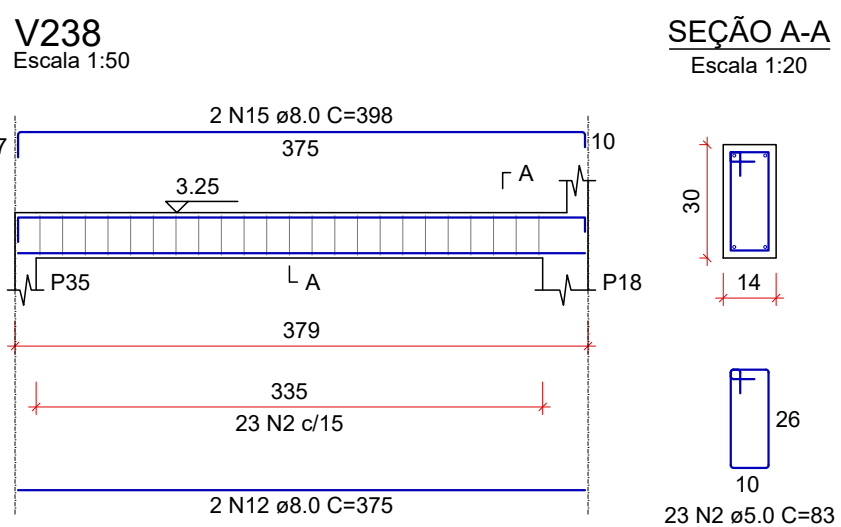
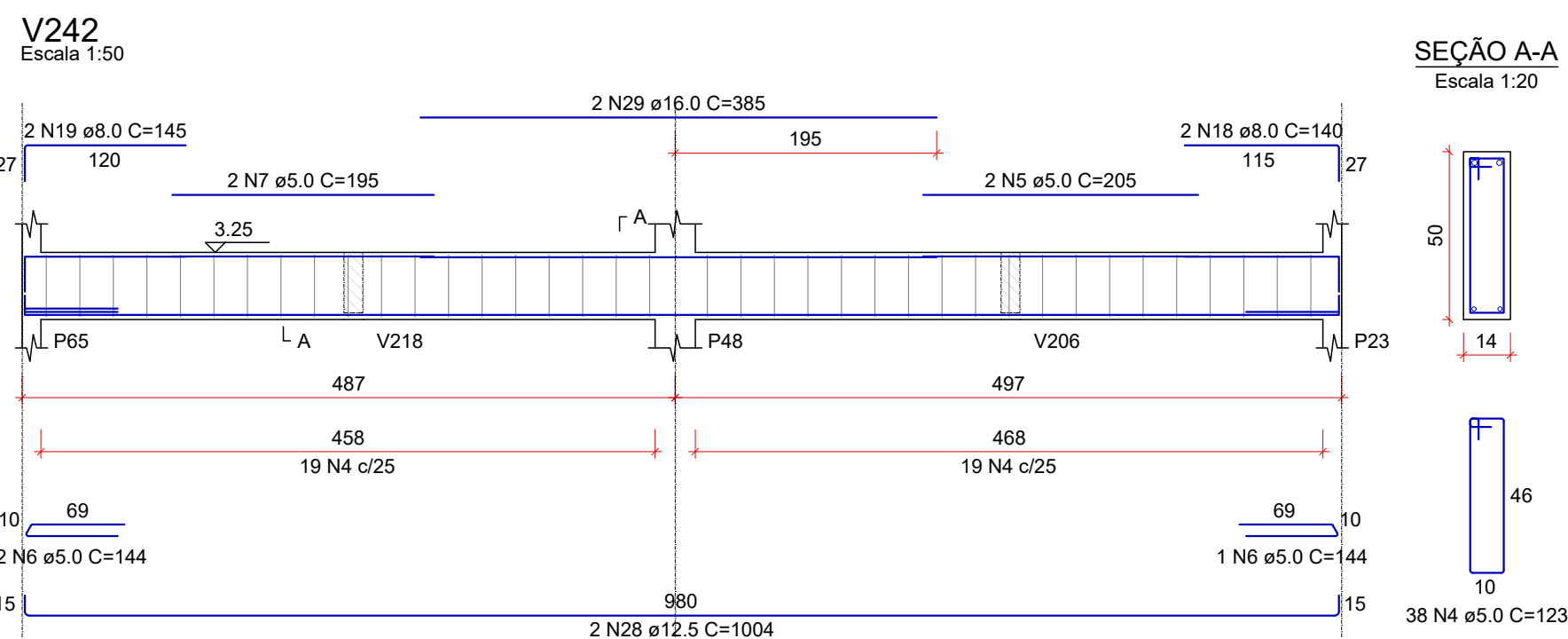
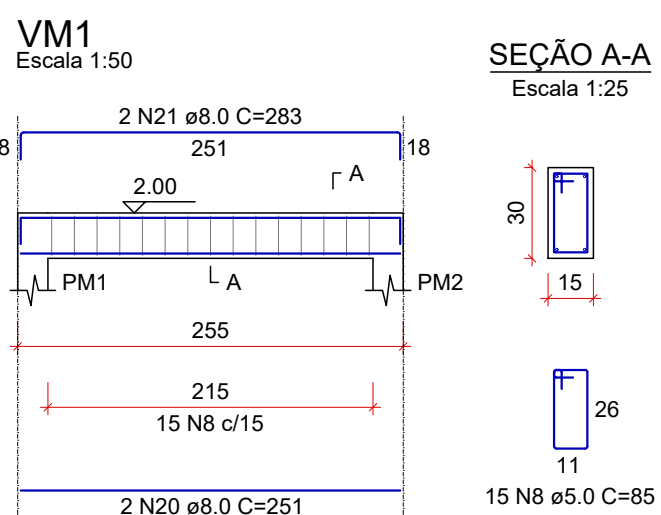
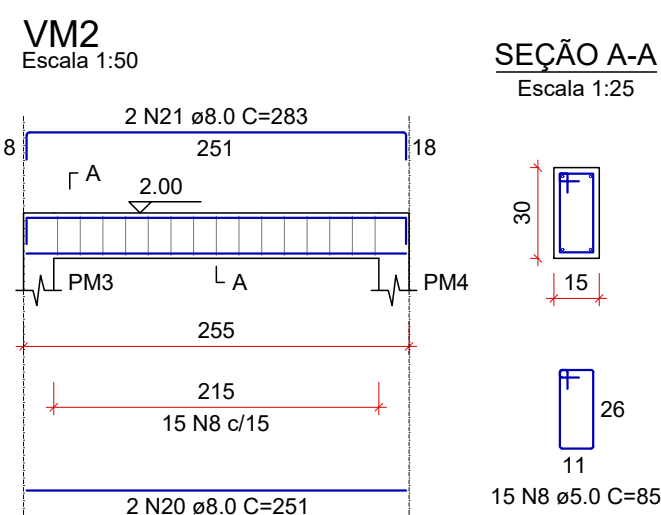
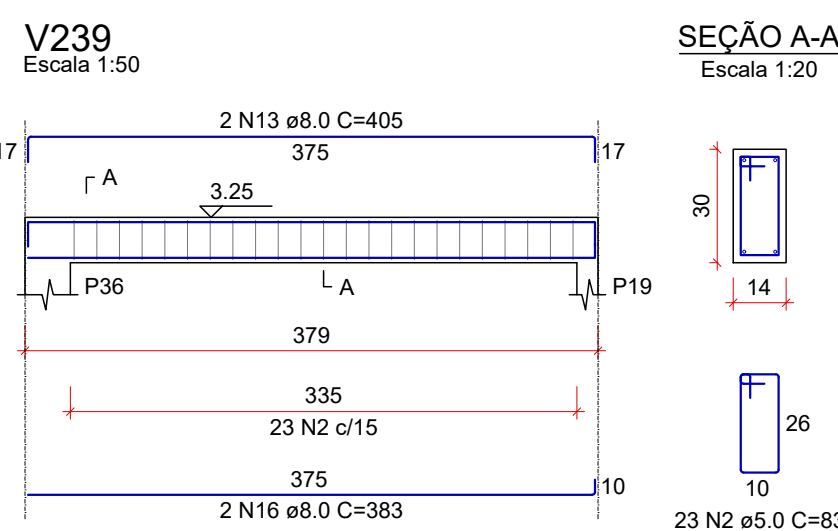
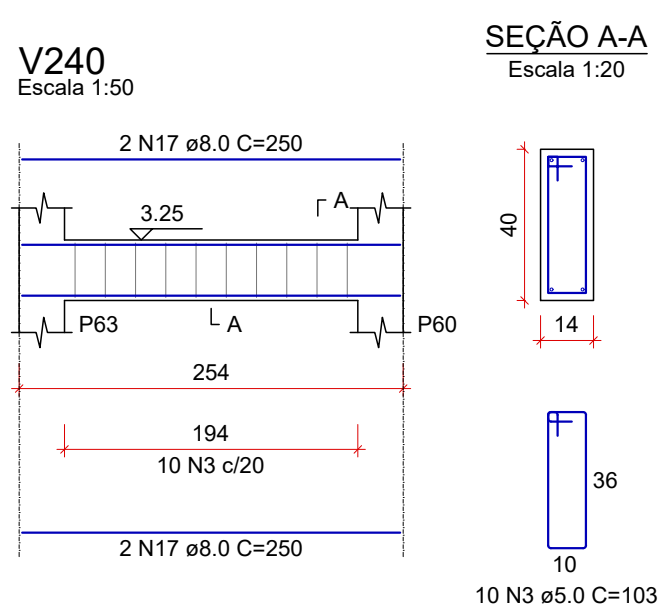
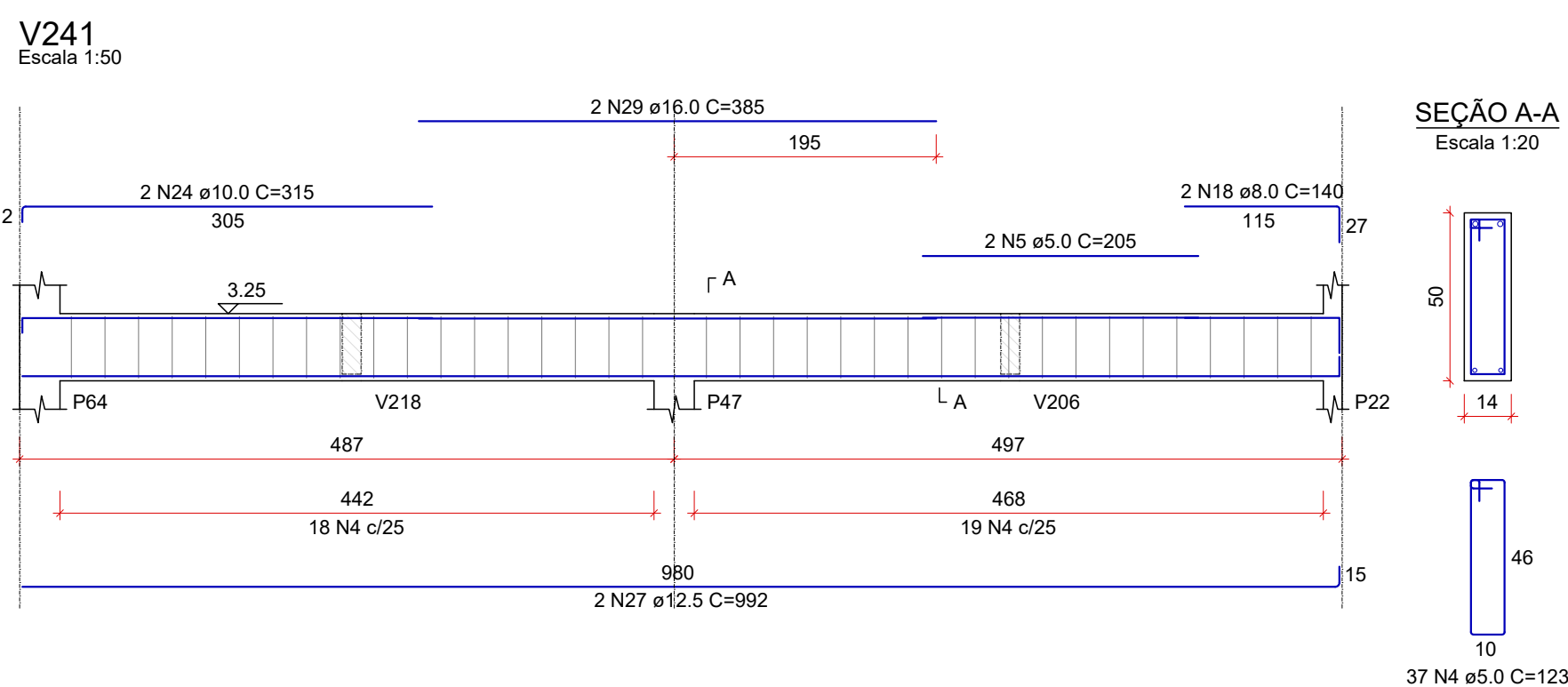
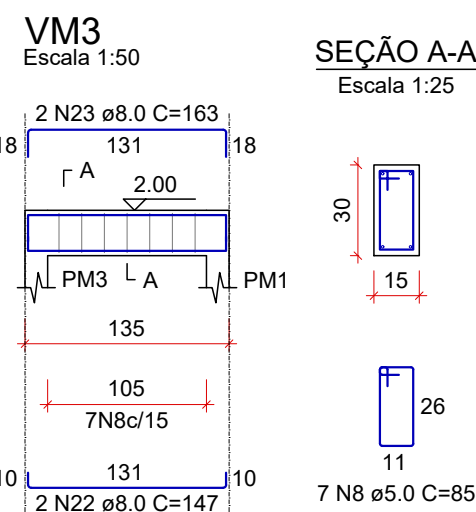
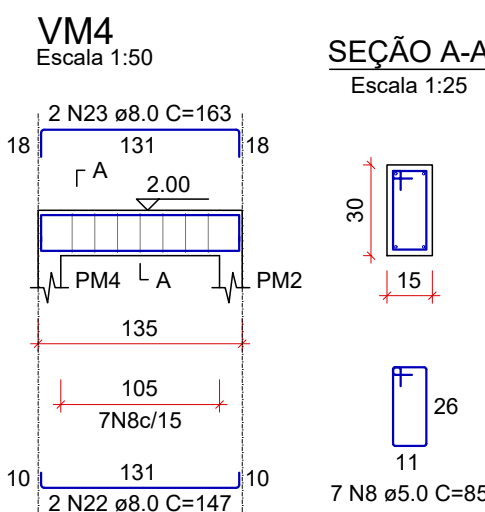




RELAÇÃO DO AÇO					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	53	113	5989
	2	5.0	116	83	9628
	3	5.0	10	103	1030
	4	5.0	75	123	9225
	5	5.0	4	205	820
	6	5.0	3	144	432
	7	5.0	2	195	390
	8	5.0	44	85	3740
	9	8.0	4	478	1912
	10	8.0	6	516	3096
CA50	11	8.0	2	470	940
	12	8.0	4	375	1500
	13	8.0	6	405	2430
	14	8.0	2	391	782
	15	8.0	2	398	796
	16	8.0	2	383	766
	17	8.0	4	250	1000
	18	8.0	4	140	560
	19	8.0	2	145	290
	20	8.0	4	251	1004
	21	8.0	4	283	1132
	22	8.0	4	147	588
	23	8.0	4	163	652
	24	10.0	2	315	630
	25	12.5	2	387	774
	26	12.5	2	431	862
	27	12.5	2	982	1964
	28	12.5	2	1004	2008
	29	16.0	4	385	1540

RESUMO DO AÇO				
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	8.0	174.5	16	75.7
	10.0	6.3	1	4.3
	12.5	56.3	6	59.6
	16.0	15.4	2	26.7
	5.0	312.5	29	53
PESO TOTAL (kg)				
CA50	166.4			
CA60	53			

Volume de concreto (C-30) = 3.20 m³
Área de forma = 59.48 m²

REV. 00	10/08/22	EMIÇÃO INICIAL	DAC
REVISÃO	DATA	DESCRIÇÃO	RESP.
PROJETO		GERÊNCIA DE PROJETOS	
		ENG. CIVIL THAIS VIVIANE COIMBRA	
Rua Miguel Vianna, nº 81, Sala 12 Bairro Morro Chic CEP: 37500-080 - Itajubá / MG Tel: (35) 3623-8846 www.dacengenharia.com.br		COORDENAÇÃO DE PROJETOS ENG. HID. DENIS DE SOUZA SILVA CREA-MG-127.216/D	
		RESPONSÁVEL TÉCNICO FLÁVIA CRISTINA BARBOSA CREA-MG-187.842/D	
		PROJETO ENG. CIVIL WILLIAM BARADEL LARI	
		DESENHO DAVI VELOSO ALVES	
EMPREENDIMENTO			
CONSTRUÇÃO DO TERMINAL RODOVIÁRIO DE SANTA RITA DO SAPUCAÍ			
ENDEREÇO		DISCIPLINA	
RUA PROJETADA, S/N - BAIRRO FAMÍLIA ANDRADE SANTA RITA DO SAPUCAÍ - MINAS GERAIS		ESTRUTURAL	
ASSUNTO		FASE DO PROJETO	
PROJETO ESTRUTURAL EM CONCRETO ARMADO DETALHAMENTO DAS VIGAS		EXECUTIVO	
		FOLHA Nº.	
		13/16	
DATA INICIAL	ESCALA	REVISÃO	ARQUIVO
10/08/2022	INDICADA	R00	DAC-PMSRS-TRO-PE-EST-R00.DWG