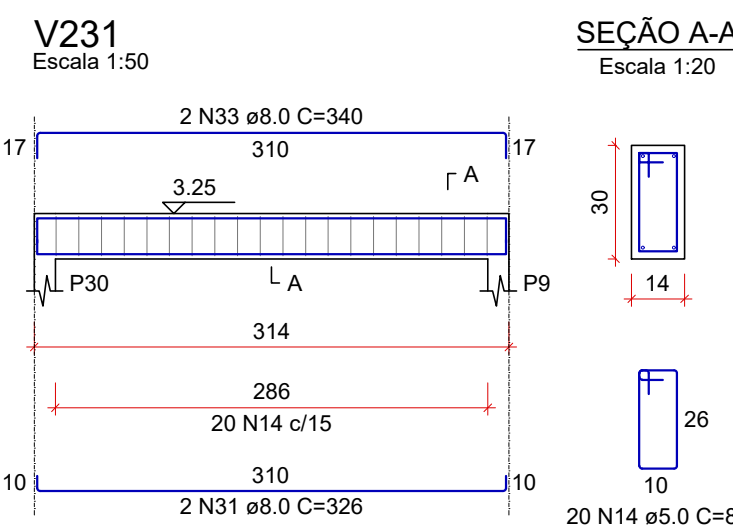
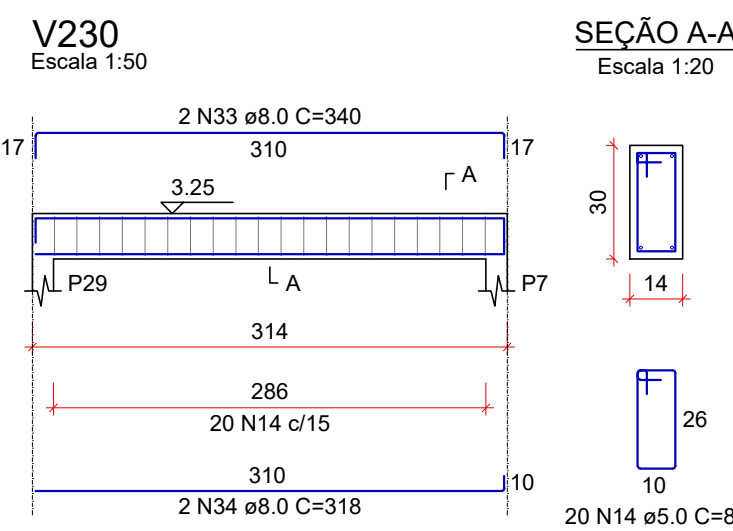
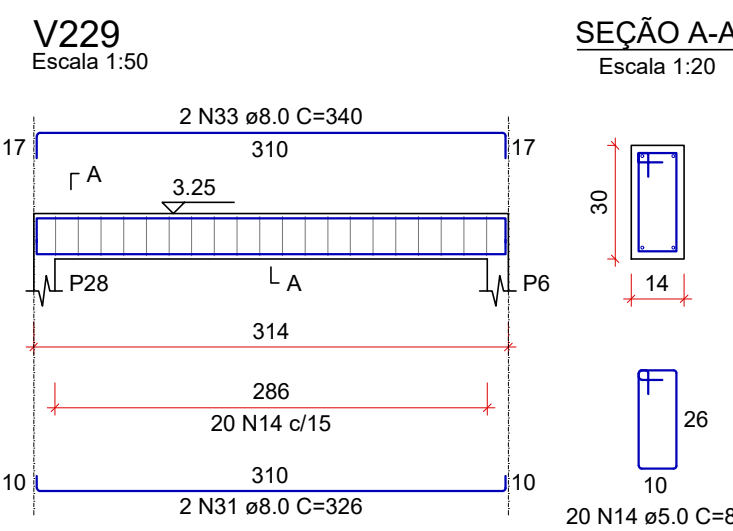
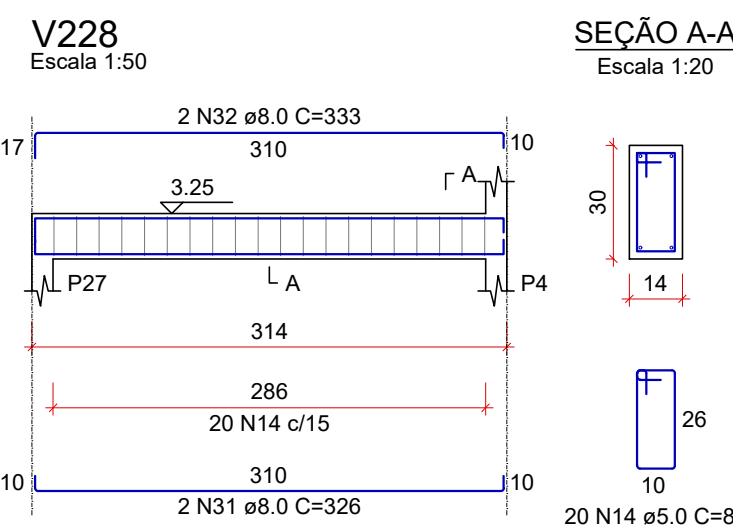
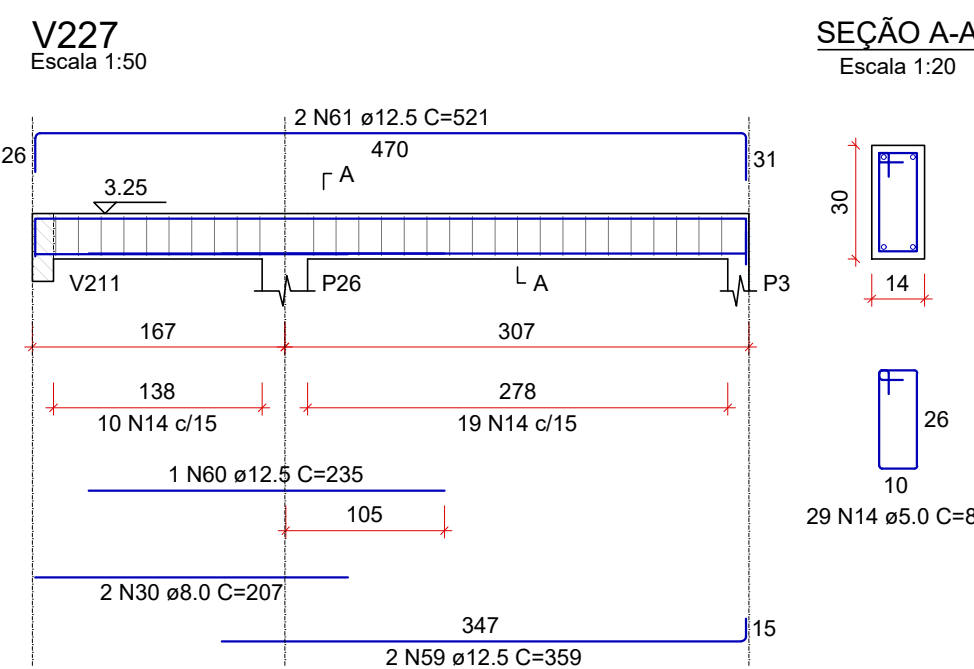
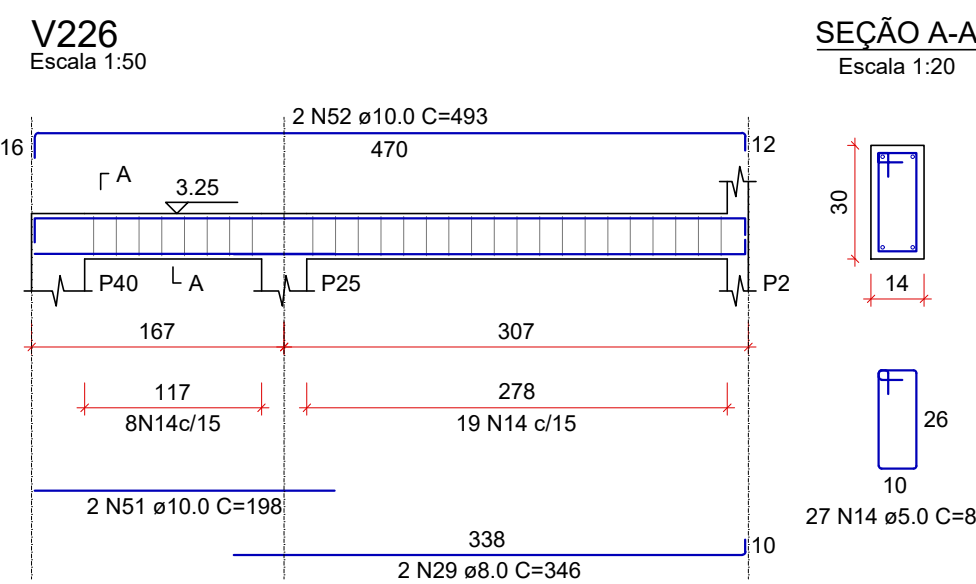
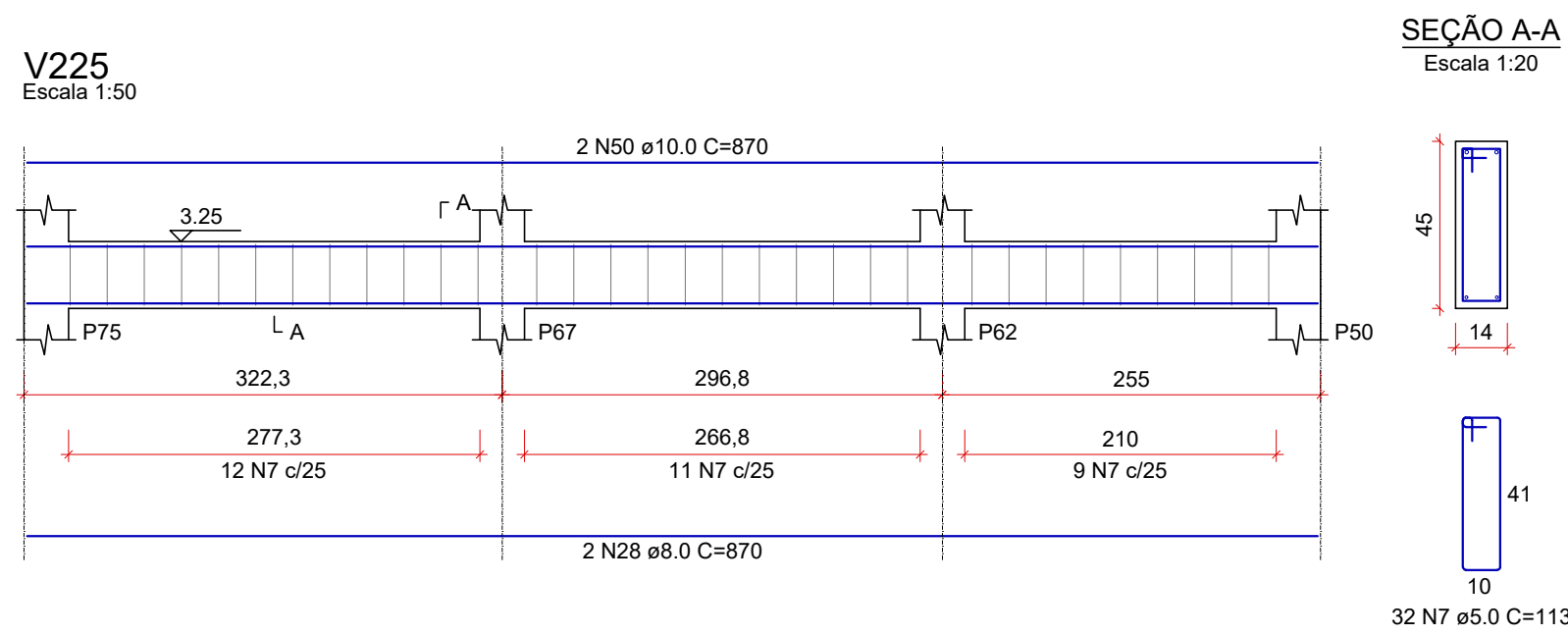
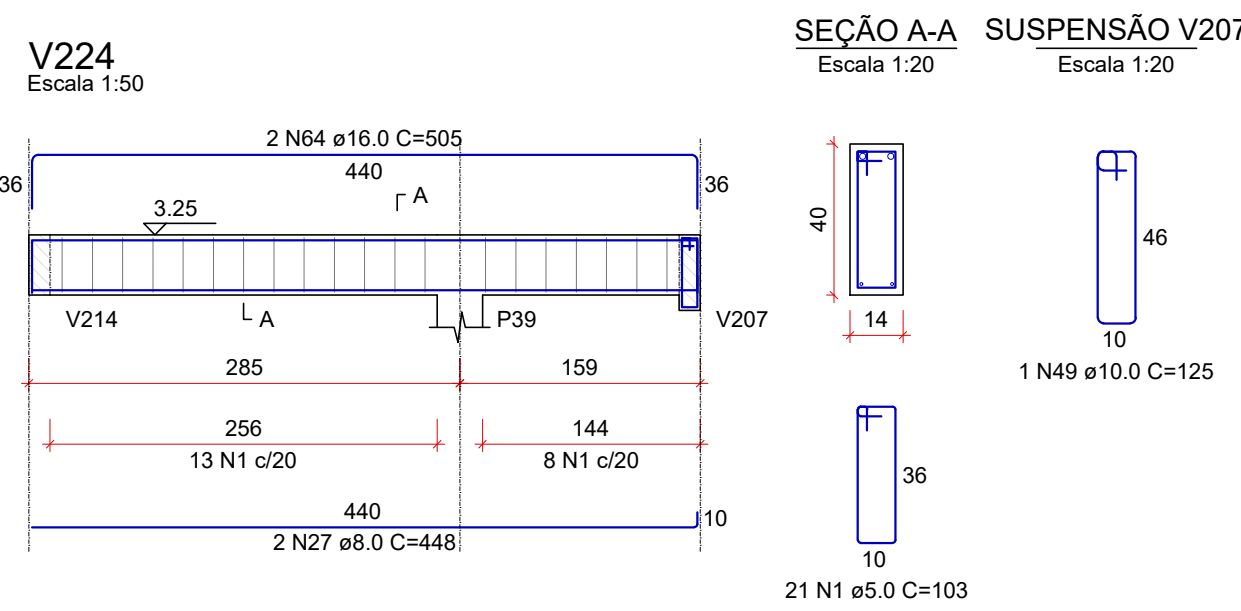
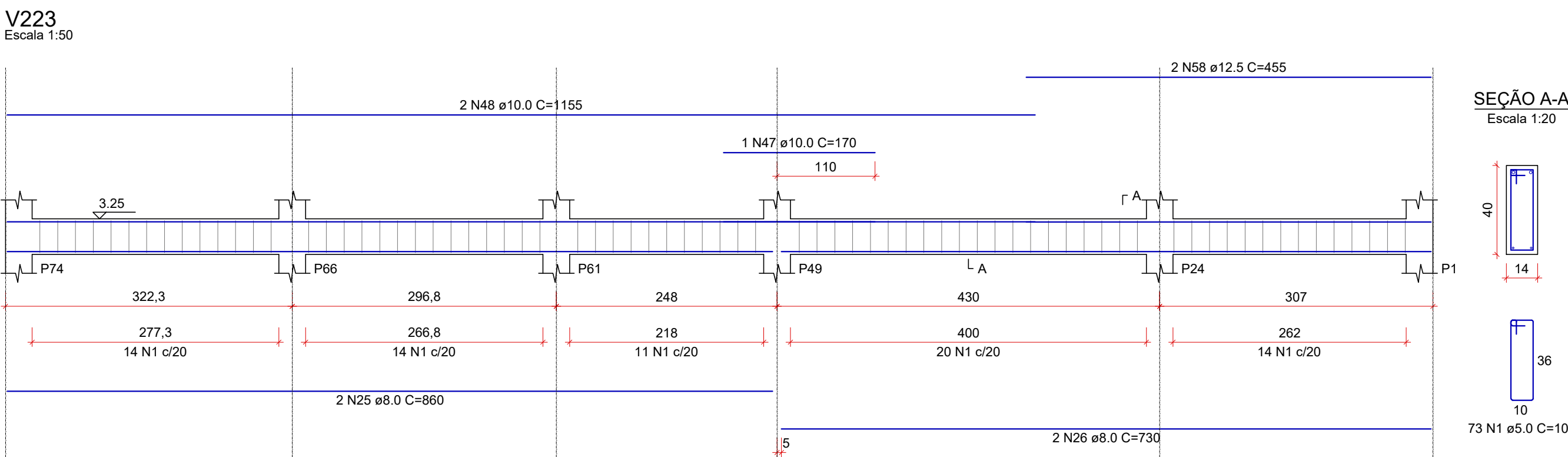
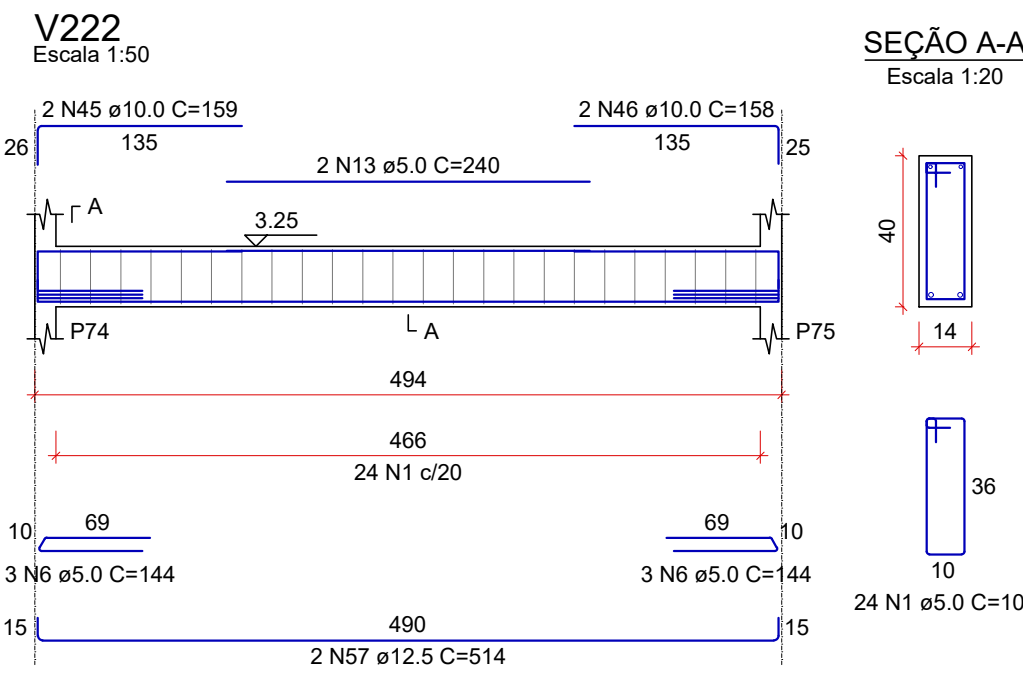
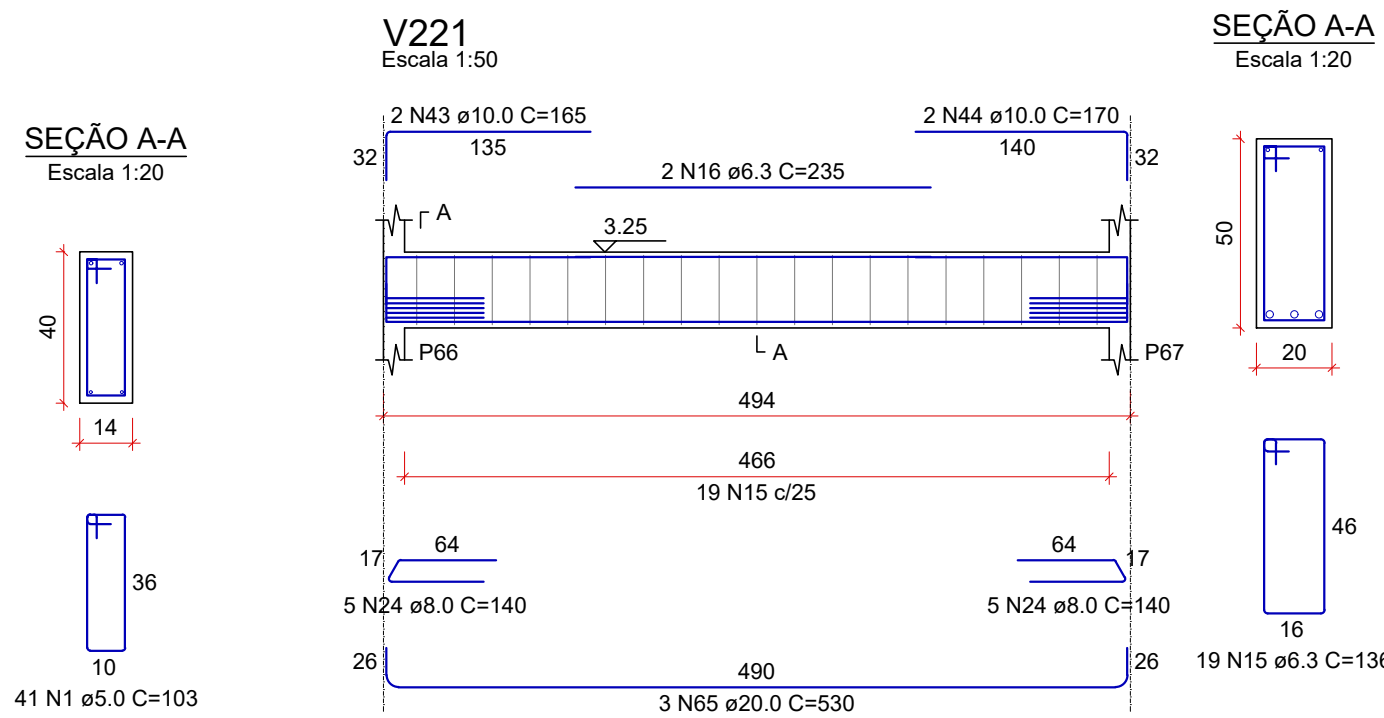
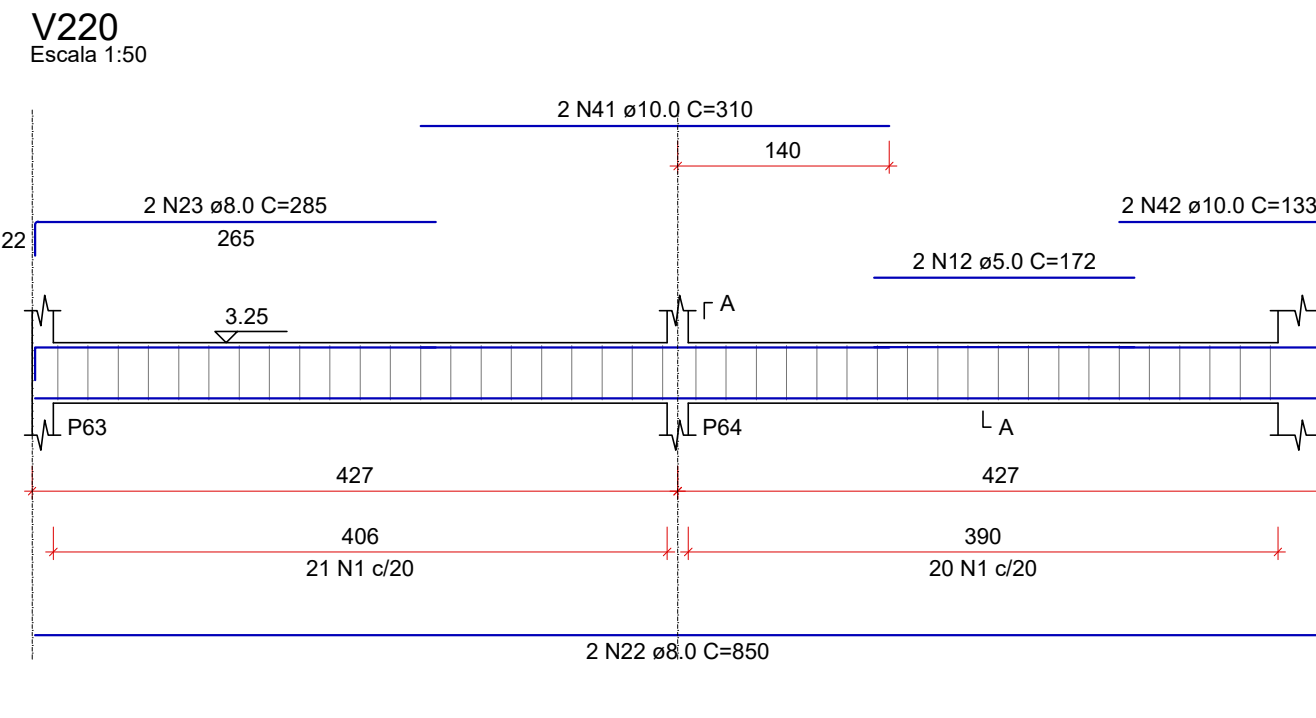
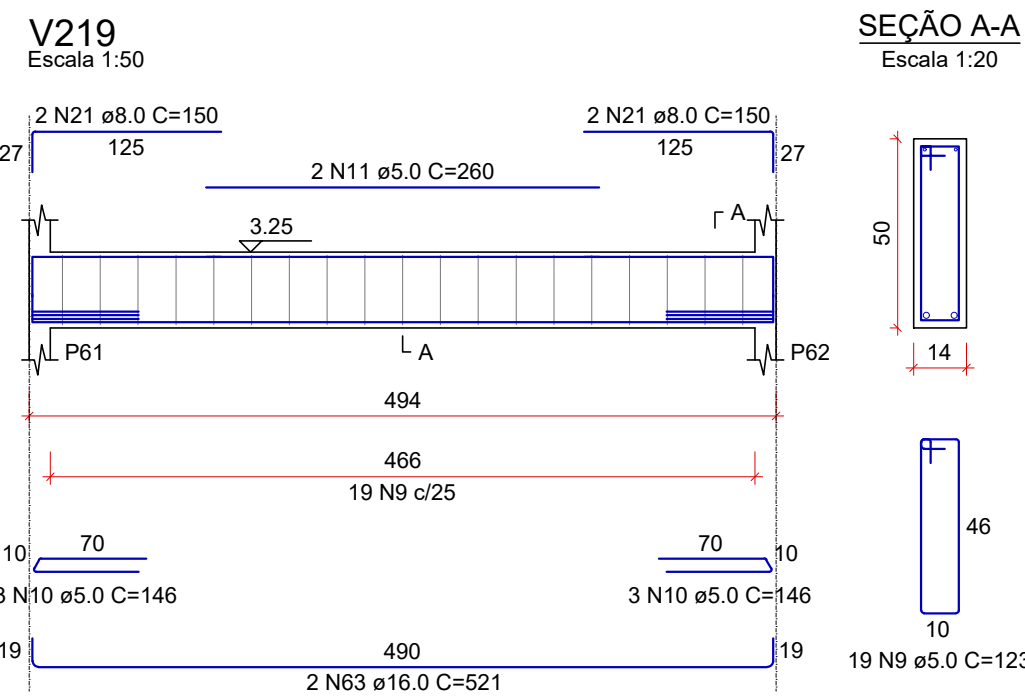
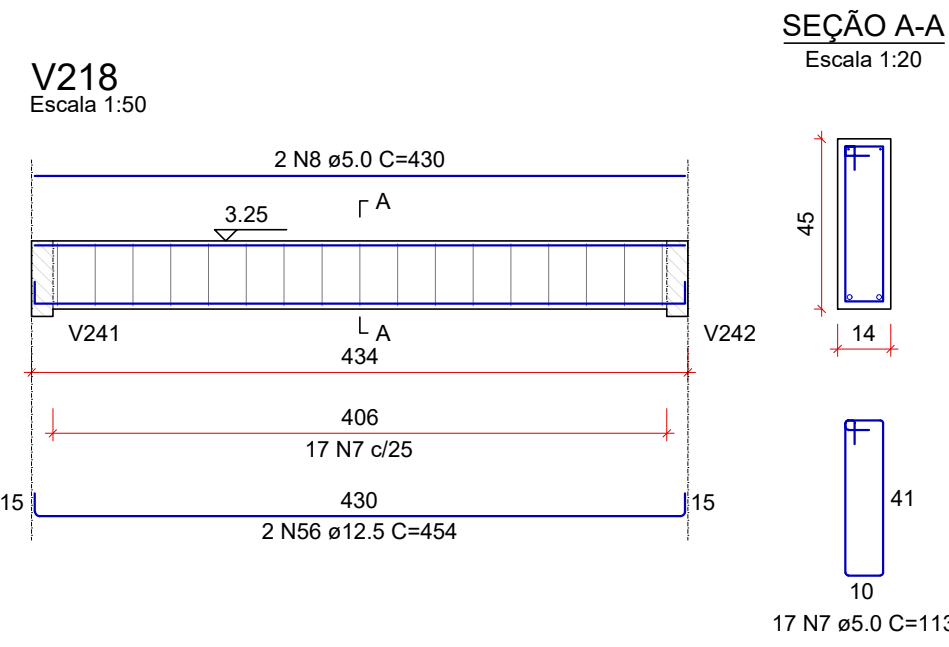
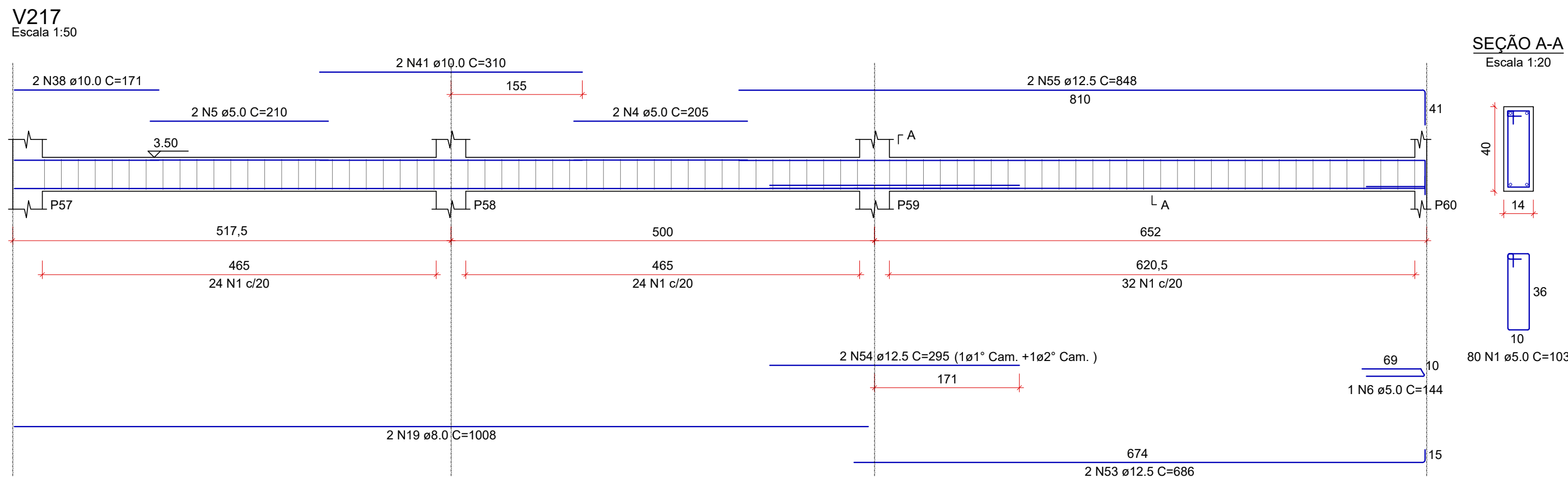
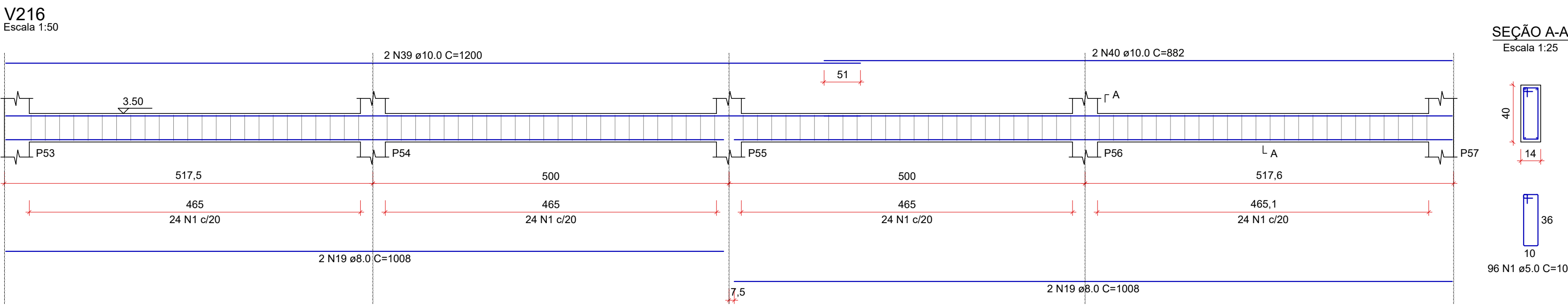
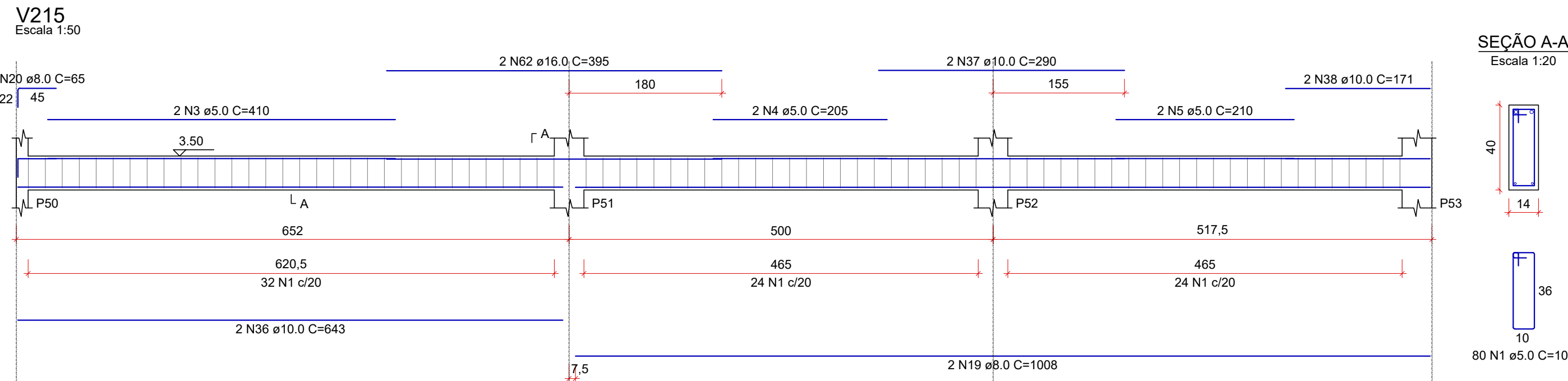
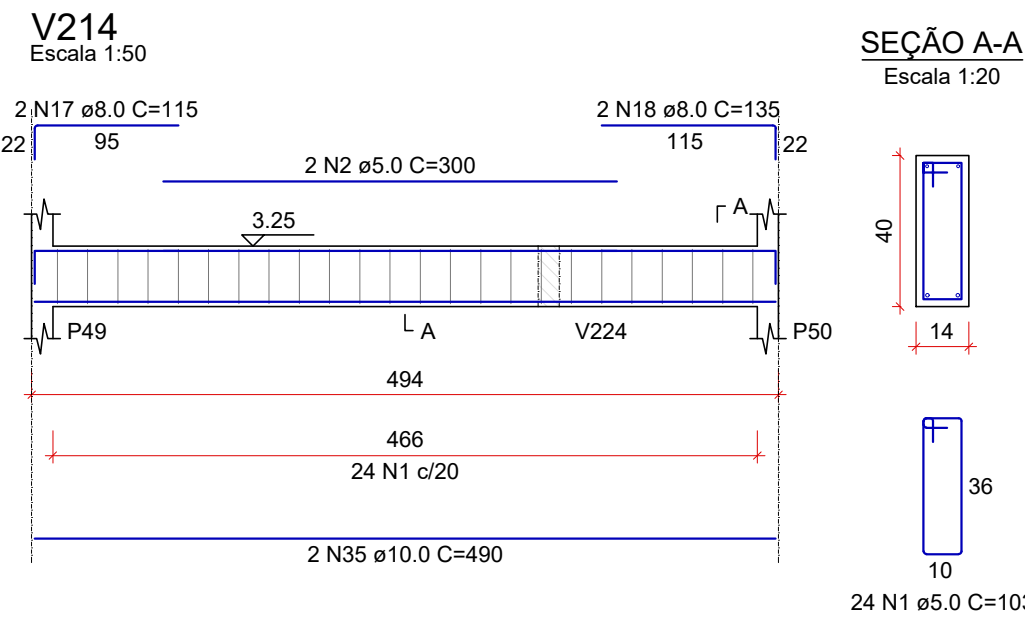




RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C UNIT (cm)	C TOTAL (cm)
CA60	1	5.0	439	103	45217
	2	5.0	2	300	600
	3	5.0	2	410	820
	4	5.0	4	205	820
	5	5.0	2	210	840
	6	5.0	7	144	1008
	7	5.0	49	113	5537
	8	5.0	2	430	860
	9	5.0	19	123	2337
	10	5.0	6	146	876
	11	5.0	2	260	520
	12	5.0	2	172	344
	13	5.0	2	240	480
	14	5.0	136	83	11288
	15	6.3	19	136	2584
	16	6.3	2	235	470
	17	8.0	2	115	230
	18	8.0	2	135	270
	19	8.0	8	1008	8064
	20	8.0	65	130	8450
CA50	21	8.0	4	150	600
	22	8.0	2	850	1700
	23	8.0	2	285	570
	24	8.0	10	140	1400
	25	8.0	2	860	1720
	26	8.0	2	730	1460
	27	8.0	2	448	896
	28	8.0	2	870	1740
	29	8.0	2	346	692
	30	8.0	2	207	414
	31	8.0	6	326	1956
	32	8.0	2	333	666
	33	8.0	6	340	2040
	34	8.0	2	318	636
	35	10.0	2	490	980
	36	10.0	2	643	1286
	37	10.0	2	290	580
	38	10.0	4	171	684
	39	10.0	2	1200	2400
	40	10.0	2	882	1764
	41	10.0	4	310	1240
	42	10.0	2	133	266
	43	10.0	2	165	330
	44	10.0	2	170	340
	45	10.0	2	159	318
	46	10.0	2	158	316
	47	10.0	1	170	170
	48	10.0	2	1155	2310
	49	10.0	1	125	125
	50	10.0	2	870	1740
	51	10.0	2	198	396
	52	10.0	2	493	986
	53	12.5	2	686	1372
	54	12.5	2	295	590
	55	12.5	2	848	1696
	56	12.5	2	454	908
	57	12.5	2	514	1028
	58	12.5	2	455	910
	59	12.5	2	359	718
	60	12.5	1	235	235
	61	12.5	2	521	1042
	62	16.0	2	395	790
	63	16.0	2	521	1042
	64	16.0	2	505	1010
	65	20.0	3	530	1590

RESUMO DO AÇO

AÇO	DIAM (mm)	C TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	30.5	3	8.2
	8.0	251.8	24	109.3
	10.0	162.3	15	110.1
	12.5	85	8	80.1
	16.0	28.4	3	49.3
CA60	20.0	15.9	2	43.1
	5.0	715.5	66	121.3

PESO TOTAL (kg)

CA50	410.1
CA60	121.3

Volume de concreto (C-30) = 7.12 m³

Área de forma = 128.55 m²

REV. 00	14/05/24	EMISSÃO INICIAL	DAC
REVISÃO	DATA	DESCRIÇÃO	RESP.:
PROJETO		GERÊNCIA DE PROJETOS ALOSIO CAETANO FERREIRA	
		RESPONSÁVEL TÉCNICO	
Rua Cel. Joaquim Francisco, 341 - Bairro Varginha CEP: 37501-052 - Itajubá / MG Tel: (35) 2143-9087 www.dacengenharia.com.br		ENQº: CIVIL FLÁVIA C. BARBOSA CREA: MG-187.8420	
EMPREENHAMENTO			
CONSTRUÇÃO DO TERMINAL RODOVIÁRIO DE SANTA RITA DO SAPUCAÍ			
ENGENHEIRO		DISCIPLINA	
RUA PROJETADA, SIN - BAIRRO FAMÍLIA ANDRADE SANTA RITA DO SAPUCAÍ - MINAS GERAIS		ESTRUTURAL	
ASSUNTO		FASE DO PROJETO	
PROJETO ESTRUTURAL EM CONCRETO ARMADO DETALHAMENTO DAS VIGAS		EXECUTIVO	
DATA INICIAL		FOLHA Nº	
14/05/2024		12/16	
ESCALA	INDICADA	REVISÃO	ARQUIVO
	R00		DAC-PMSRS-TRO-EST-PE-R00.DWG