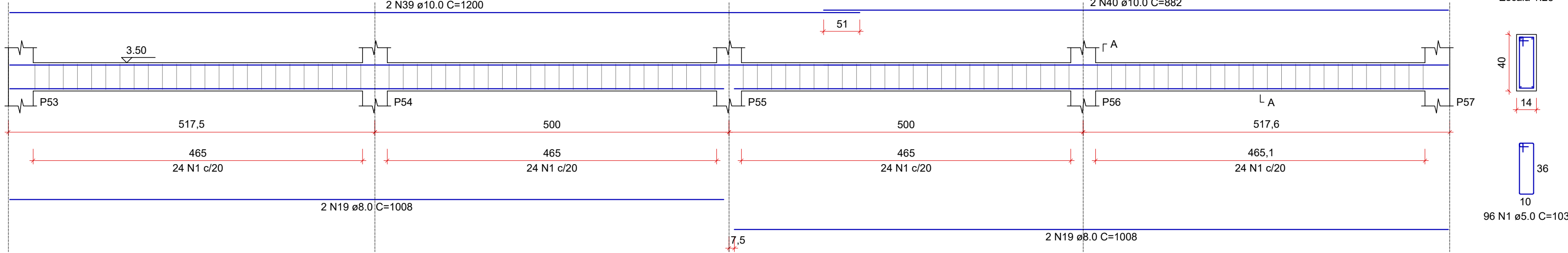
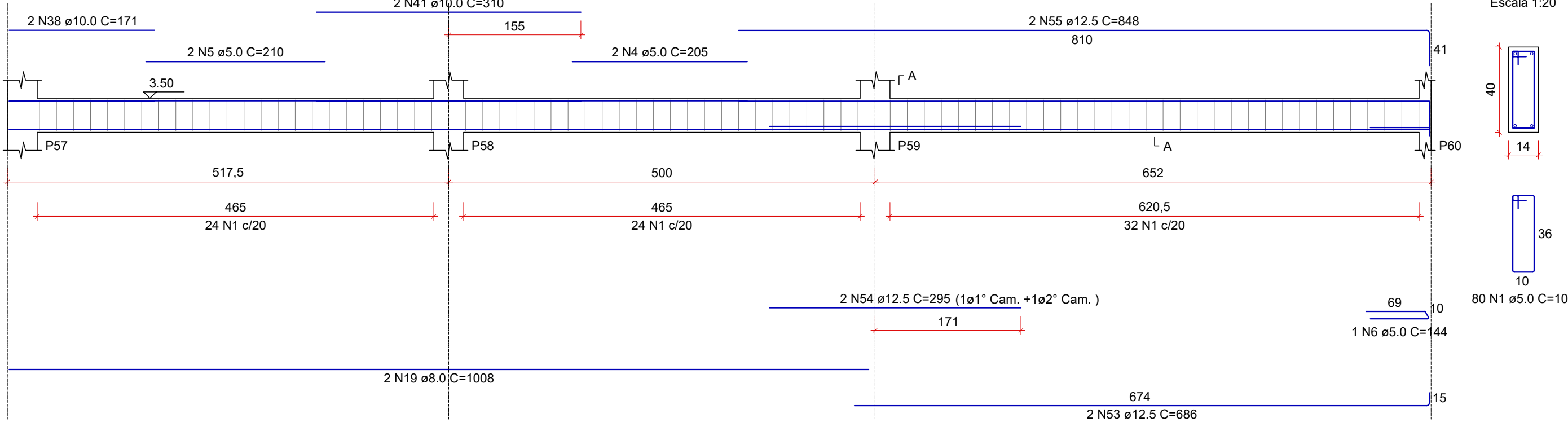
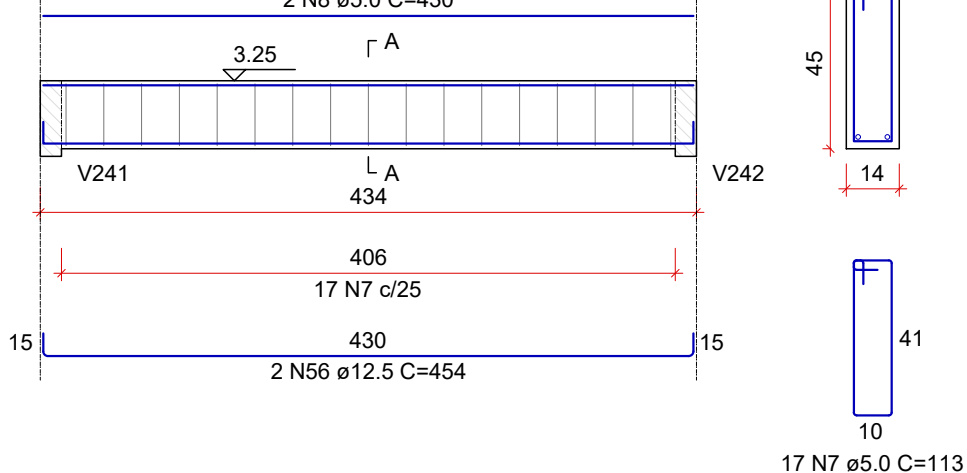
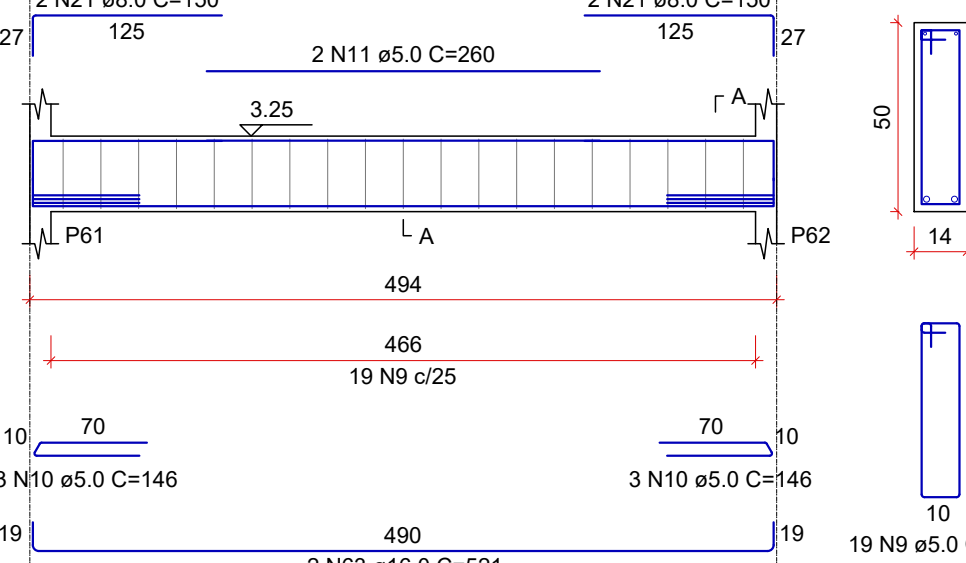
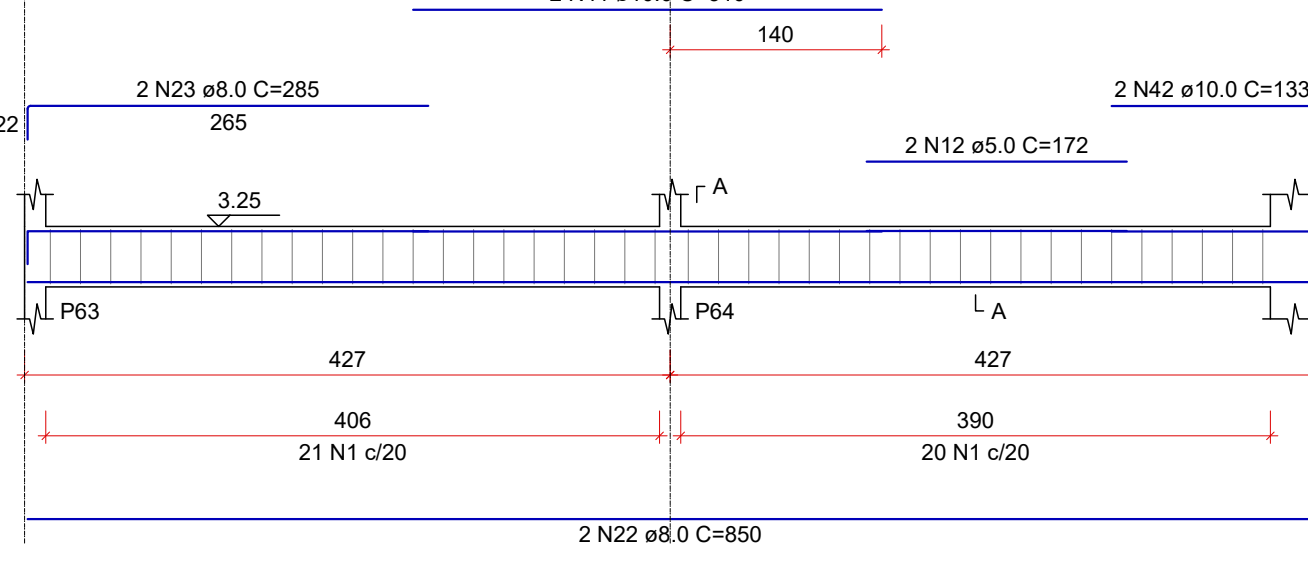
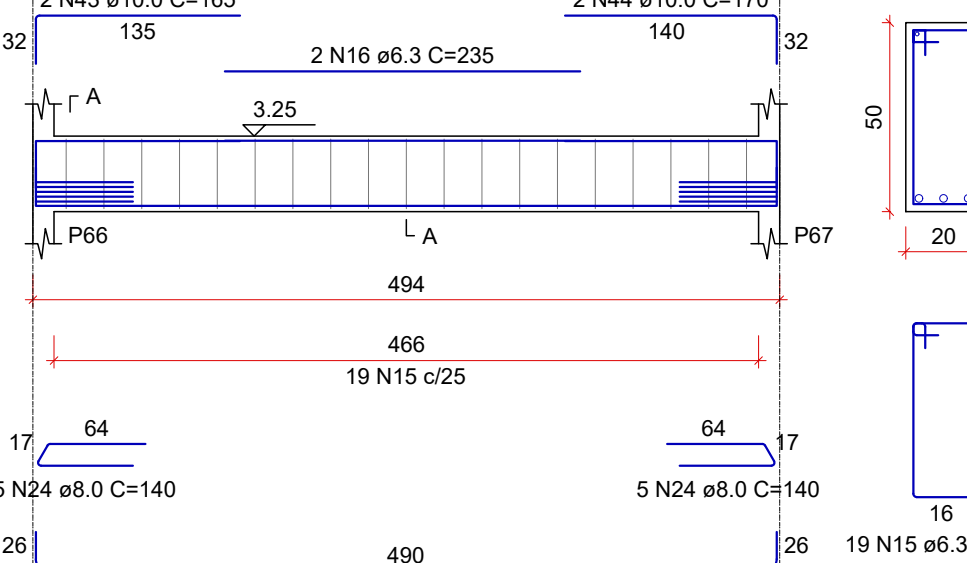
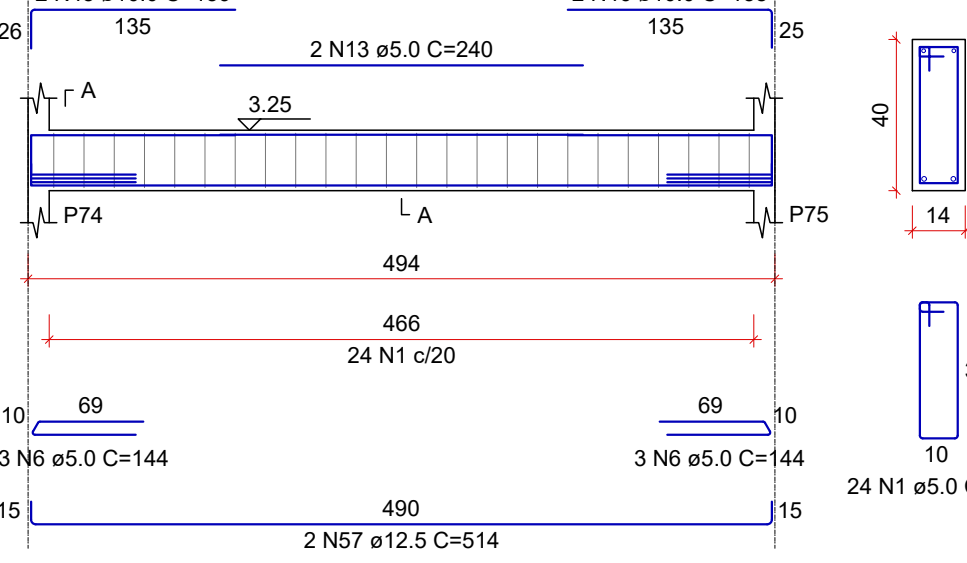
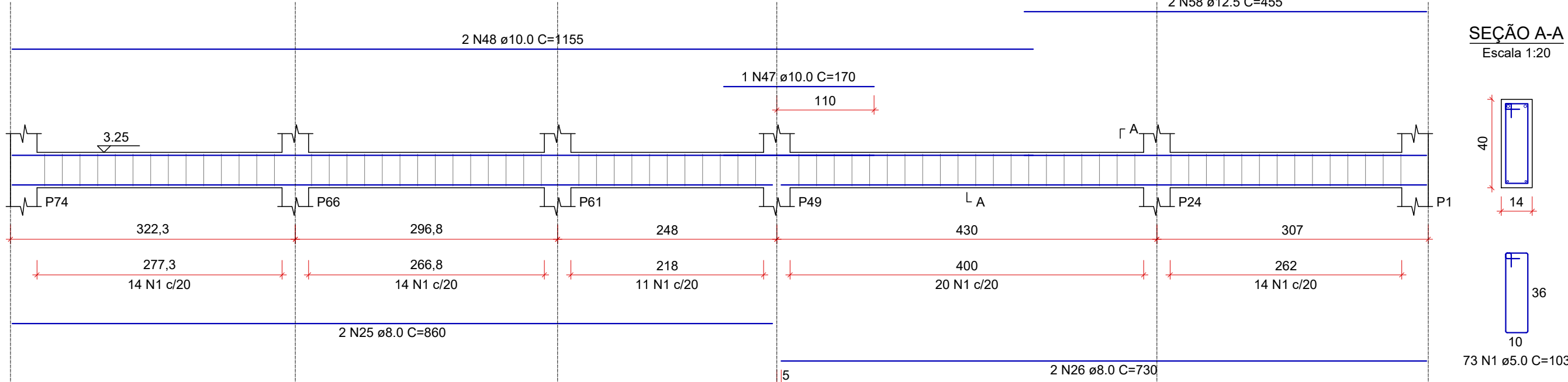
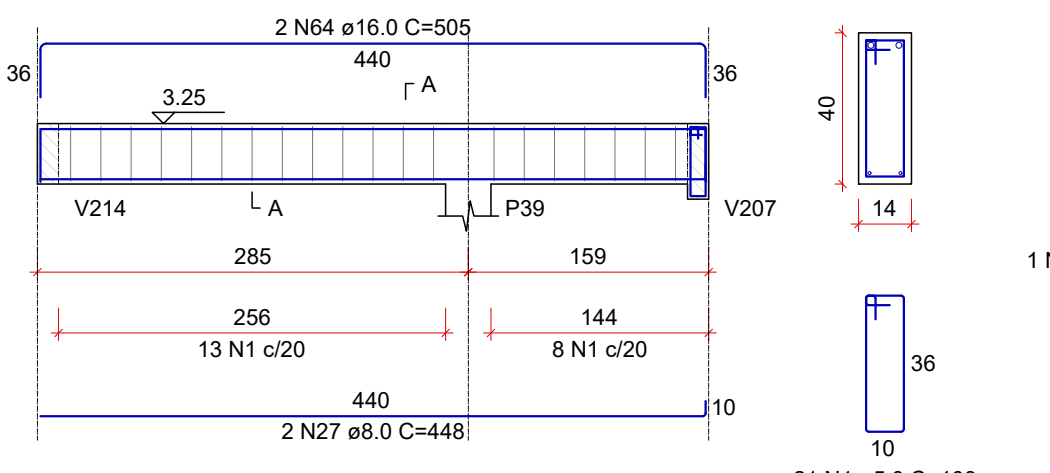
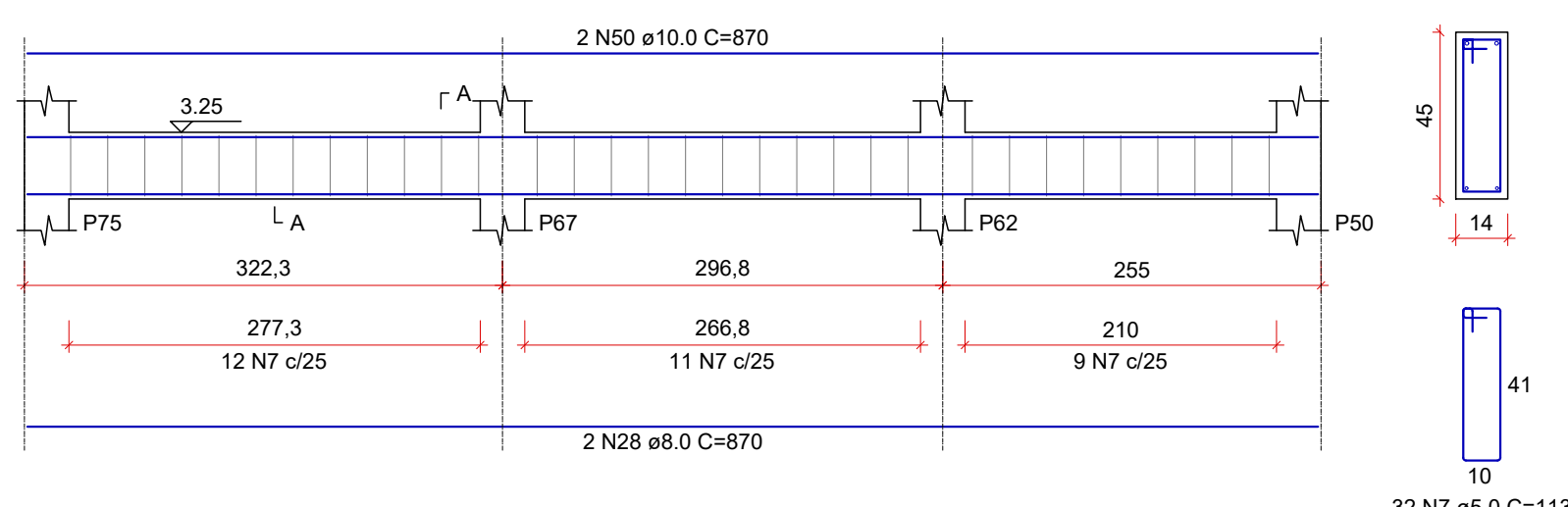
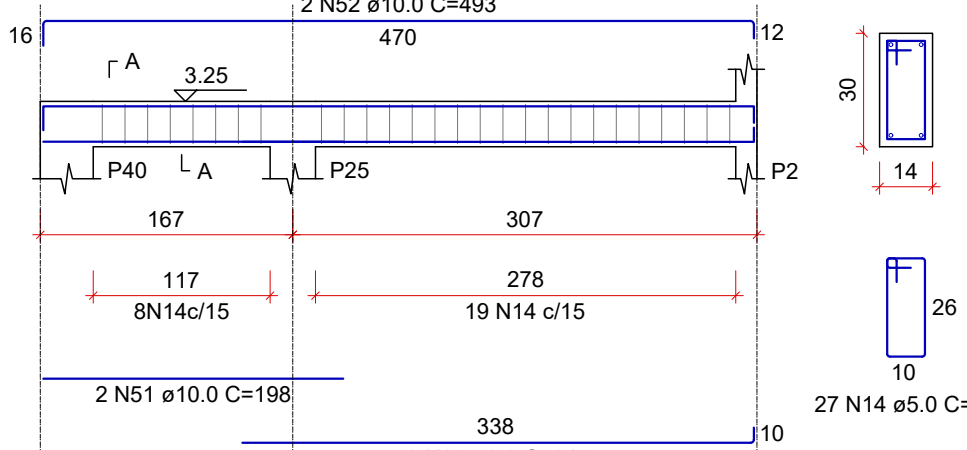
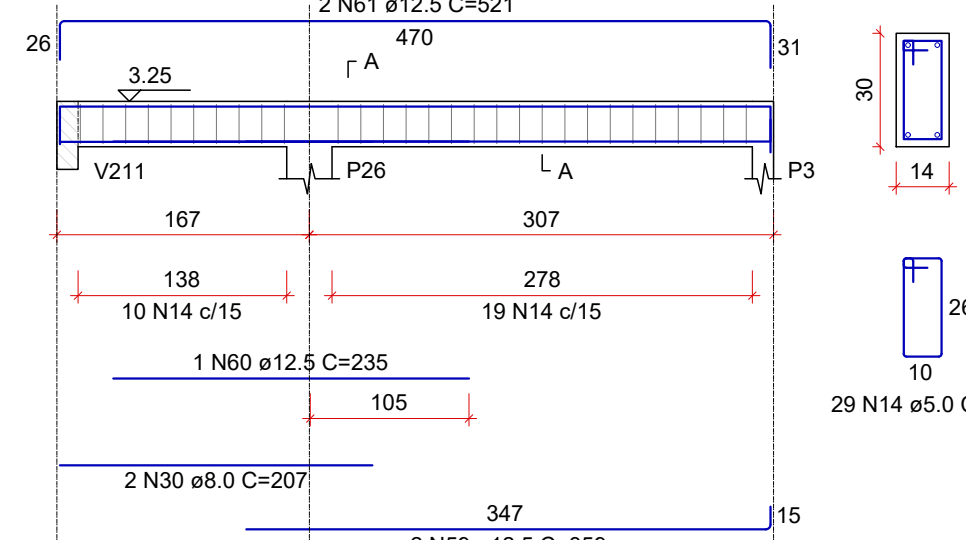
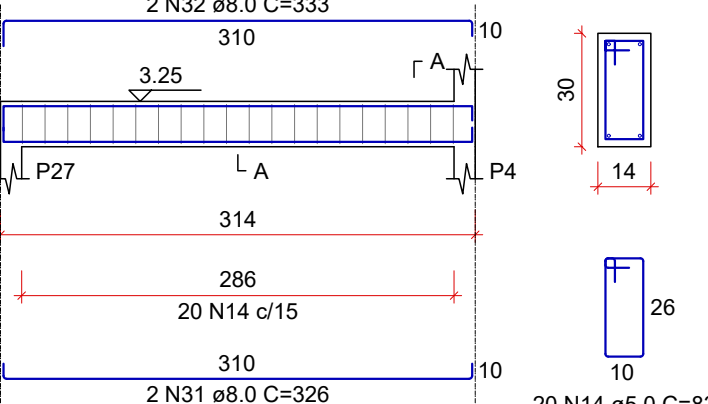
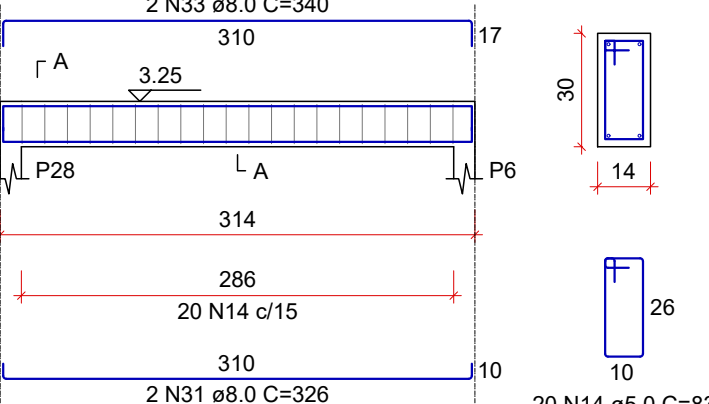
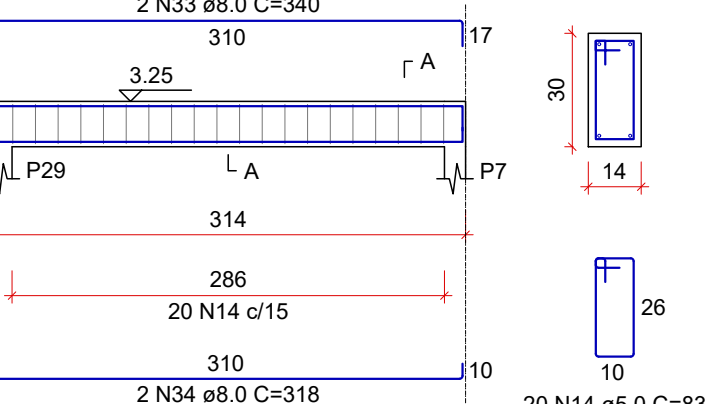
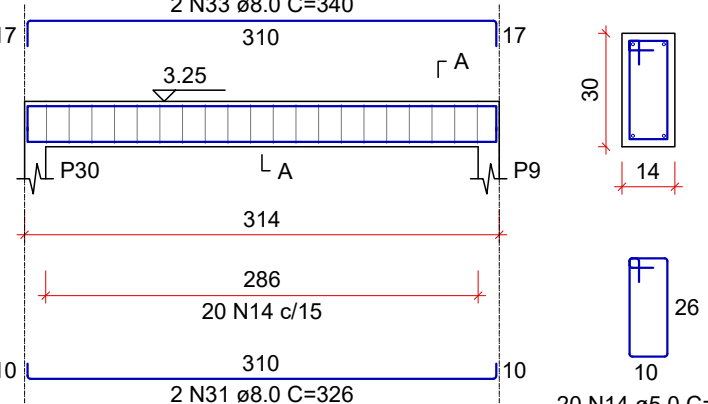




RELAÇÃO DO AÇO						
V214	V215	V216				
V217	V218	V219				
V220	V221	V222				
V223	V224	V225				
V226	V227	V228				
V229	V230	V231				
ACÇO	N	DIAM (mm)	QUANT	C/UNT	C TOTAL (cm)	
CA80	1	5.0	439	103	4517	
	2	5.0	2	300	600	
	3	5.0	2	410	820	
	4	5.0	2	405	810	
	5	5.0	4	110	840	
	6	5.0	4	244	1000	
	7	5.0	10	113	5537	
	8	5.0	2	430	860	
	9	5.0	2	23	233	
	10	5.0	6	146	876	
	11	5.0	2	260	520	
CA50	12	10.0	2	172	344	
	13	10.0	2	240	480	
	14	10.0	3	136	816	
	15	6.3	19	138	2584	
	16	6.3	2	235	470	
	17	10.0	2	115	230	
	18	8.0	2	135	270	
	19	8.0	8	1038	8064	
	20	8.0	1	65	130	
	21	8.0	4	150	600	
	22	8.0	2	250	500	
	23	8.0	2	285	570	
	24	8.0	10	140	1400	
	25	8.0	2	260	520	
	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	350	700	
	31	8.0	6	326	1956	
	32	8.0	2	333	666	
	33	8.0	2	340	680	
	34	8.0	2	318	636	
	35	8.0	2	368	736	
	36	10.0	2	643	1286	
	37	10.0	2	290	580	
	38	10.0	1	171	342	
	39	10.0	2	1200	2400	
	40	10.0	2	882	1764	
	41	10.0	1	110	220	
	42	10.0	2	133	266	
	43	10.0	2	105	210	
	44	10.0	2	170	340	
	45	10.0	2	159	318	
	46	10.0	2	158	316	
	47	10.0	1	170	340	
	48	10.0	2	1155	2310	
	49	10.0	2	126	252	
	50	10.0	2	383	766	
	51	10.0	2	398	796	
	52	10.0	2	493	986	
	53	12.5	2	688	1376	
	54	12.5	2	695	1390	
	55	12.5	2	500	1000	
	56	12.5	2	554	1108	
	57	12.5	2	455	910	
	58	10.0	2	333	666	
59	10.0	2	333	666		
60	12.5	2	235	235		
61	12.5	2	235	235		
62	16.0	2	790	790		
63	16.0	2	521	1042		
64	16.0	2	605	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	251,3	24	109,3
	10,0	162,8	15	110,1
	12,5	85	8	90,1
	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	10/08/22	EMISSÃO INICIAL		DAC
REVISÃO	DATA:	DESCRIÇÃO:		RESP:





<p>PROJETO</p> <div style="text-align: center;">  </div> <p>Rua Miguel Vianna, nº 81, Sala 12 Bairro Morro Chic CEP: 37600-000 - Itajubá / MG Tel: (35) 3623-8846 www.dacengenharia.com.br</p>	<p>GERÊNCIA DE PROJETOS ENG. CIVIL THAIS VIVIANE COMBARA</p> <p>COORDENAÇÃO DE PROJETOS ENG. HÍD. DENIS DE SOUZA SILVA CREA: MG-127.216/D</p> <p>RESPONSÁVEL TÉCNICO FLÁVIA CRISTINA BARBOSA <small>Assinada de forma digital por FLÁVIA CRISTINA BARBOSA em 09/08/2022 às 14:05:02 -0300</small></p> <p>ENGº. CIVIL FLÁVIA C. BARBOSA CREA: MG-187.842/D</p> <p>PROJETO ENG. CIVIL WILLIAM BAROEL LARI</p> <p>DESENHO DAVI VELOSO ALVES</p>
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EMPREENDIMENTO	
CONSTRUÇÃO DO TERMINAL RODOVIÁRIO DE SANTA RITA DO SAPUCAÍ	
<p>ENDEREÇO</p> <p>RUA PROJETADA, S/N - BAIRRO FAMÍLIA ANDRADE SANTA RITA DO SAPUCAÍ - MINAS GERAIS</p> <p>ASSUNTO</p> <p>PROJETO ESTRUTURAL EM CONCRETO ARMADO DETALHAMENTO DAS VIGAS</p>	<p>DISCIPLINA</p> <p>ESTRUTURAL</p> <p>FASE DO PROJETO</p> <p>EXECUTIVO</p> <p>FOLHA Nº.</p> <p style="text-align: center; font-size: 2em;">12/16</p>
<p>DATA INICIAL 10/08/2022</p> <p>ESCALA INDICADA</p> <p>REVISÃO R00</p> <p>ARQUIVO DAC-PMSRS-TRO-PE-EST-R00 DWG</p>	