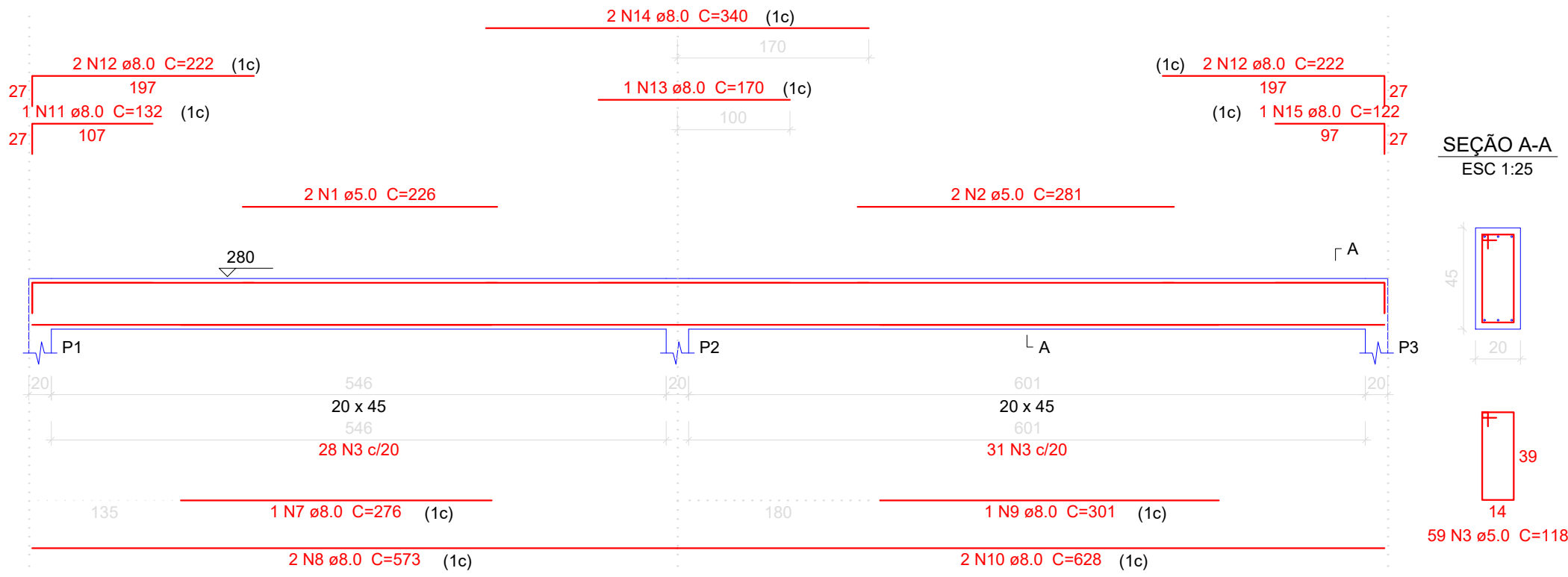
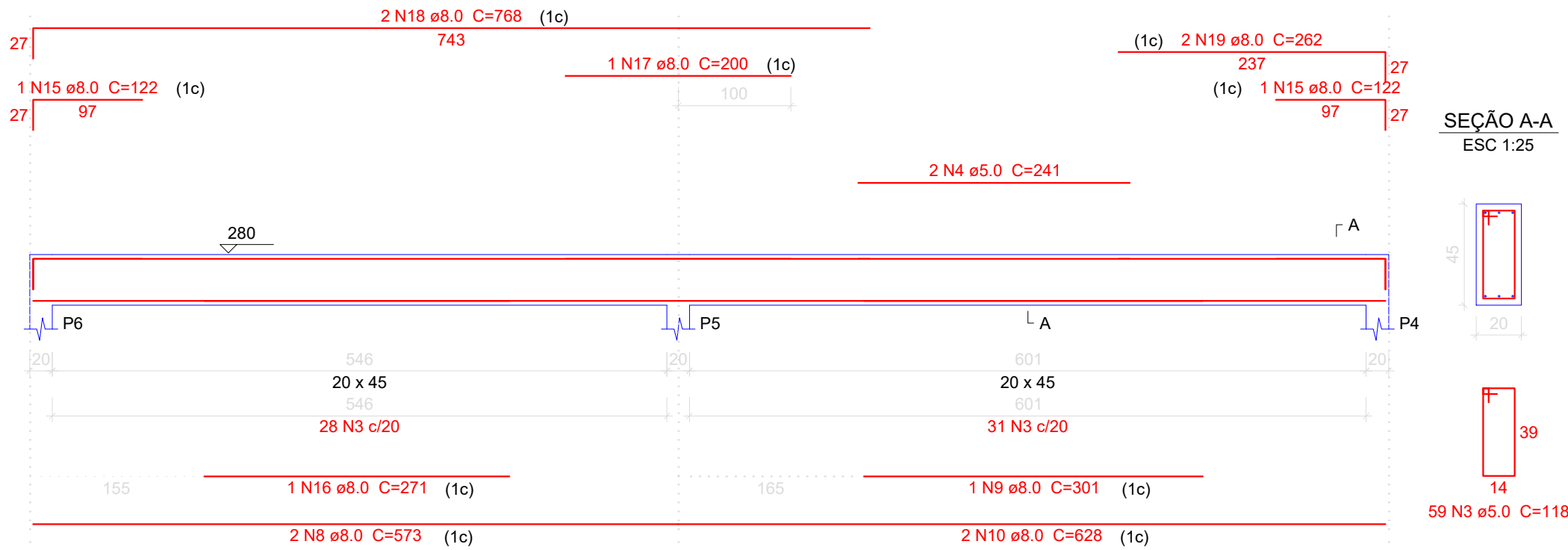


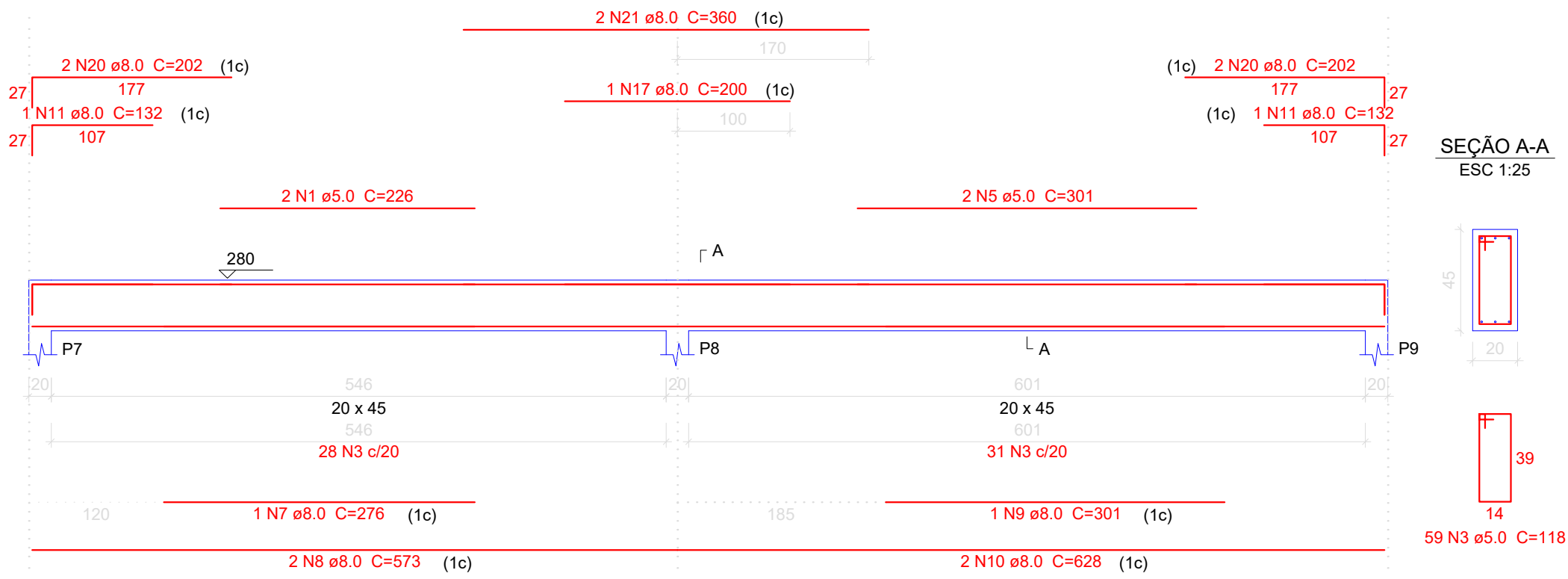
V1
ESC 1:50



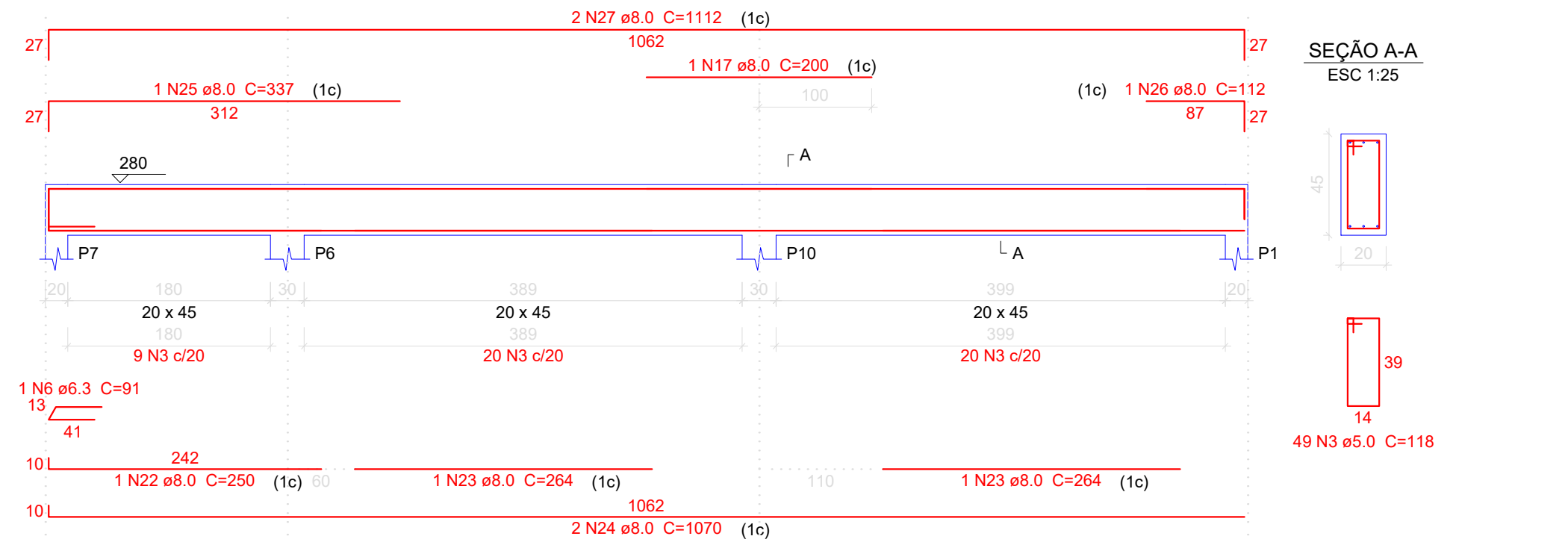
V2
ESC 1:50



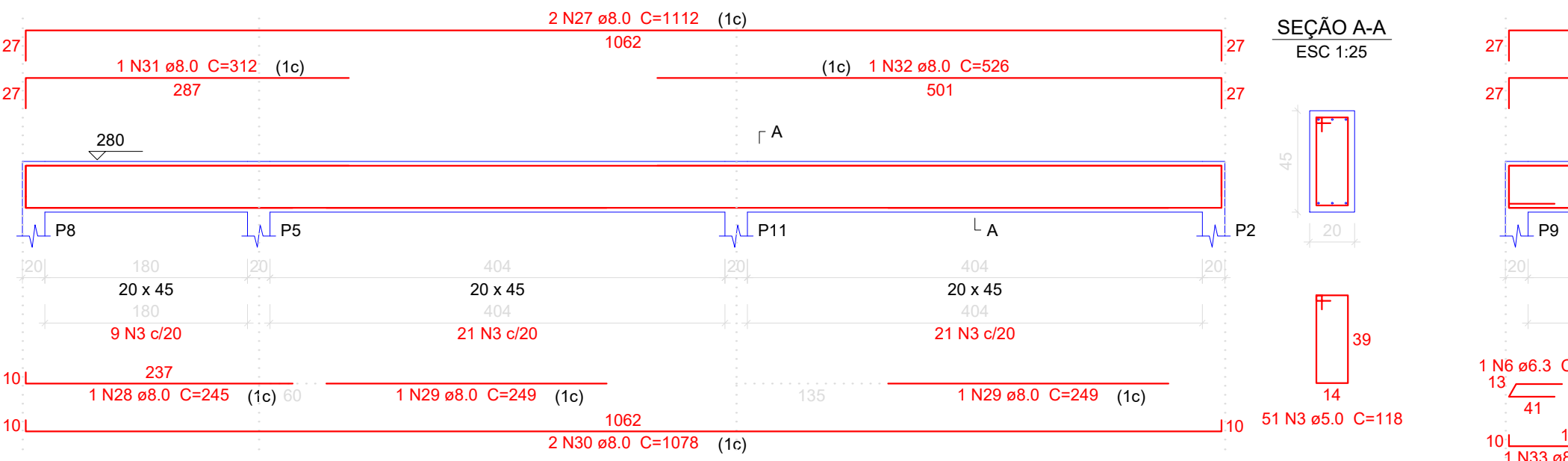
V3
ESC 1:50



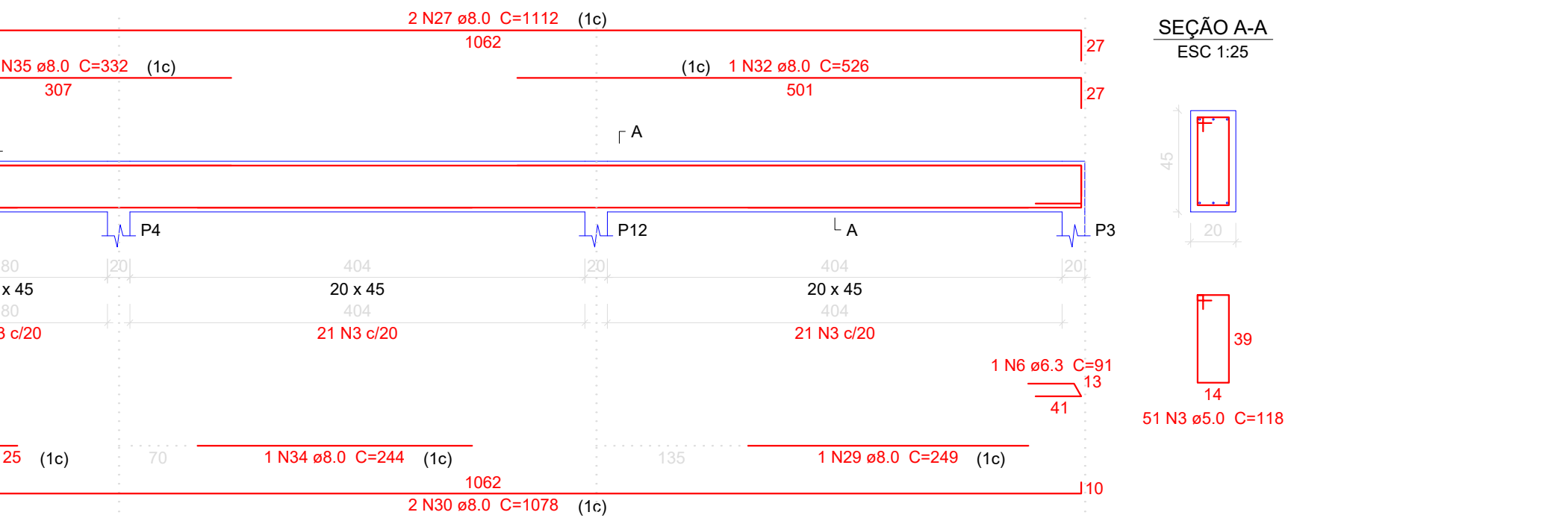
V4
ESC 1:50



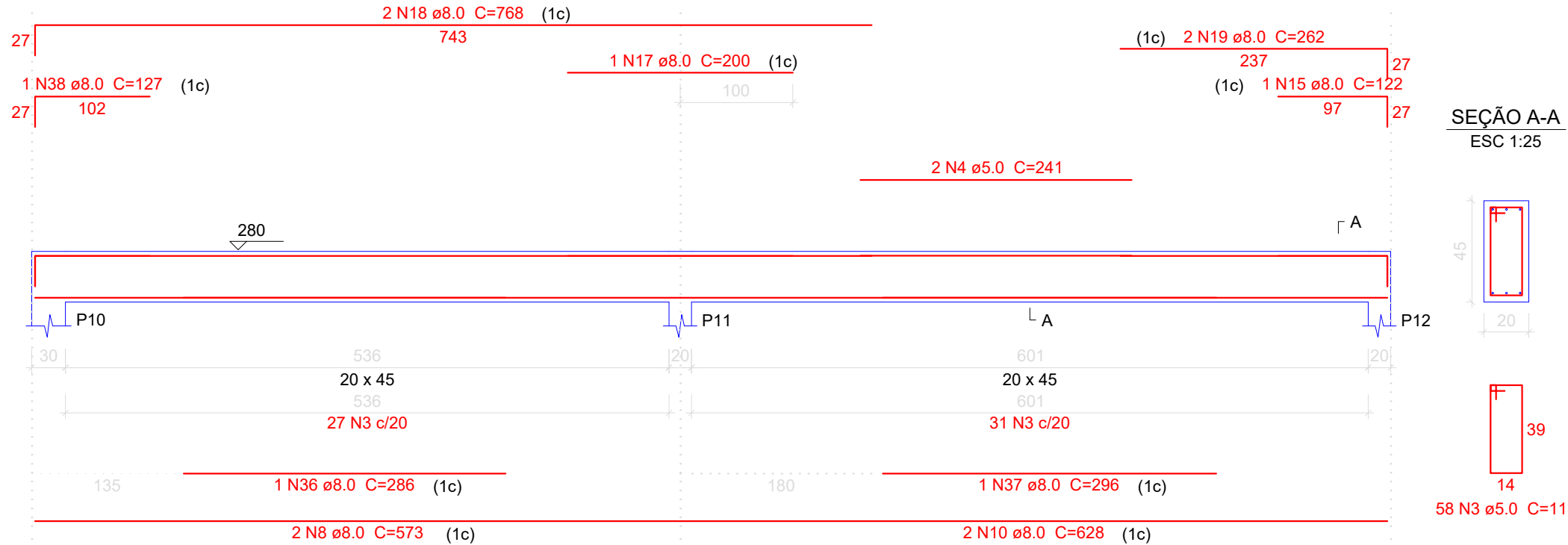
V5
ESC 1:50



V6
ESC 1:50



V7
ESC 1:50



Relação do aço

ÁÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	4	226	904
	2	5.0	2	281	562
	3	5.0	386	118	45548
	4	5.0	4	241	984
CA50	5	5.0	2	301	602
	6	6.3	3	91	273
	7	8.0	2	276	552
	8	8.0	8	573	4584
	9	8.0	3	301	903
	10	8.0	8	628	5024
	11	8.0	3	132	396
	12	8.0	4	222	888
	13	8.0	1	170	170
	14	8.0	2	340	680
	15	8.0	4	122	488
	16	8.0	1	271	271
	17	8.0	4	200	800
	18	8.0	4	768	3072
	19	8.0	4	262	1048
	20	8.0	4	202	808
	21	8.0	2	360	720
	22	8.0	1	250	250
	23	8.0	2	264	528
	24	8.0	2	1070	2140
	25	8.0	1	337	337
	26	8.0	1	112	112
	27	8.0	6	1112	6672
	28	8.0	1	245	245
	29	8.0	3	249	747
	30	8.0	4	1078	4312
	31	8.0	1	312	312
	32	8.0	2	526	1052
	33	8.0	1	125	125
	34	8.0	1	244	244
	35	8.0	1	332	332
	36	8.0	1	286	286
	37	8.0	1	296	296
	38	8.0	1	127	127

Resumo do aço

ÁÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	2.8	0.7
CA60	8.0	385.3	167.2
CA60	5.0	485.8	82.4
PESO TOTAL			
CA50		167.9	
CA60		82.4	

Vol. de concreto total (C=25) = 7.23 m³
Área de forma total = 88.35 m²

Título: Vigas Teto		Folha: 01
Objetivo:		
Localidade: Rua 24 de maio		
Proprietários: Município de Monte Belo do Sul		
Imóvel: EMEI Caminhos do Aprender		
Escala: Indicada	Data: Agosto/2021	Estado: RS
Município de Monte Belo do Sul		Eng Civil PAULO ROBERTO B PEREIRA CREA RS202395