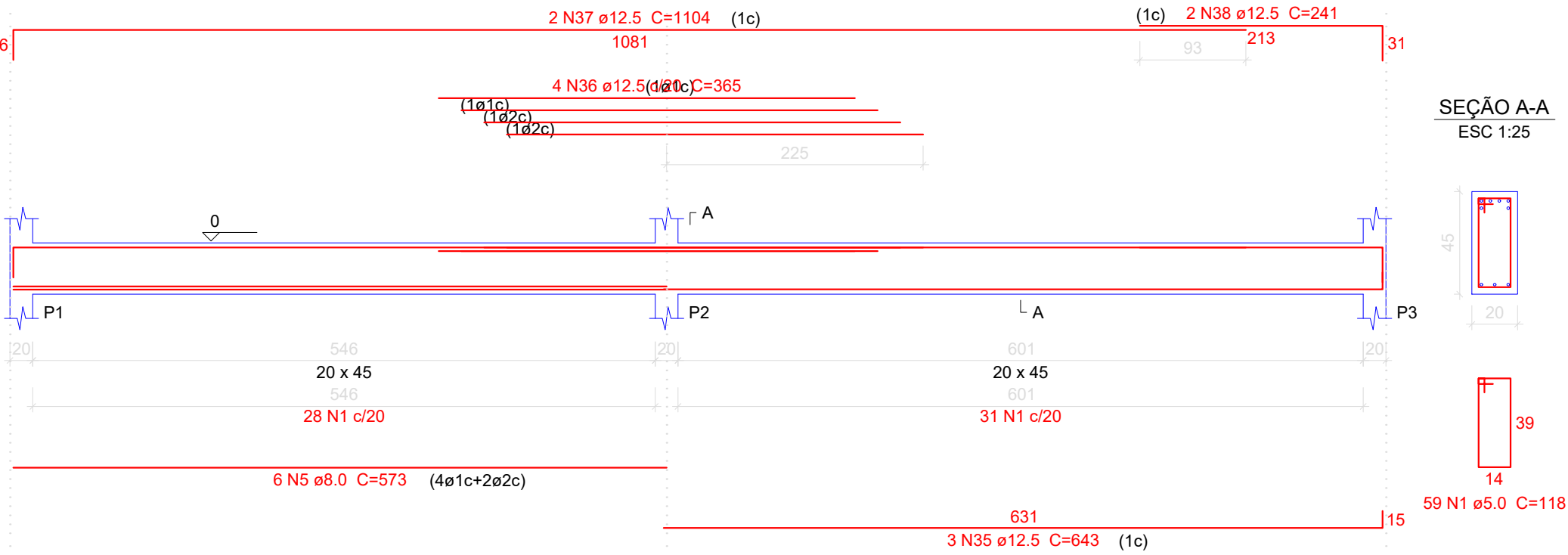
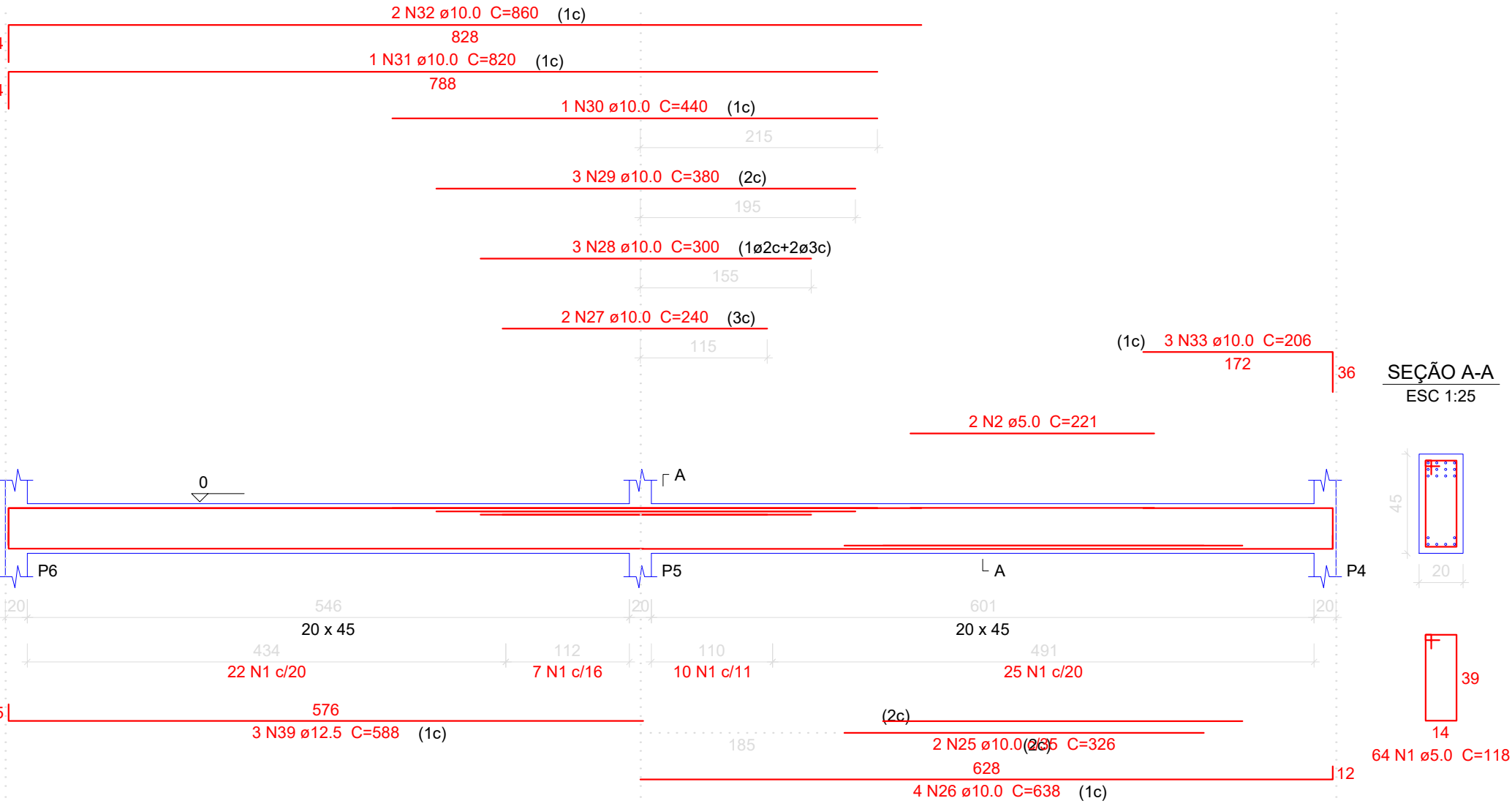


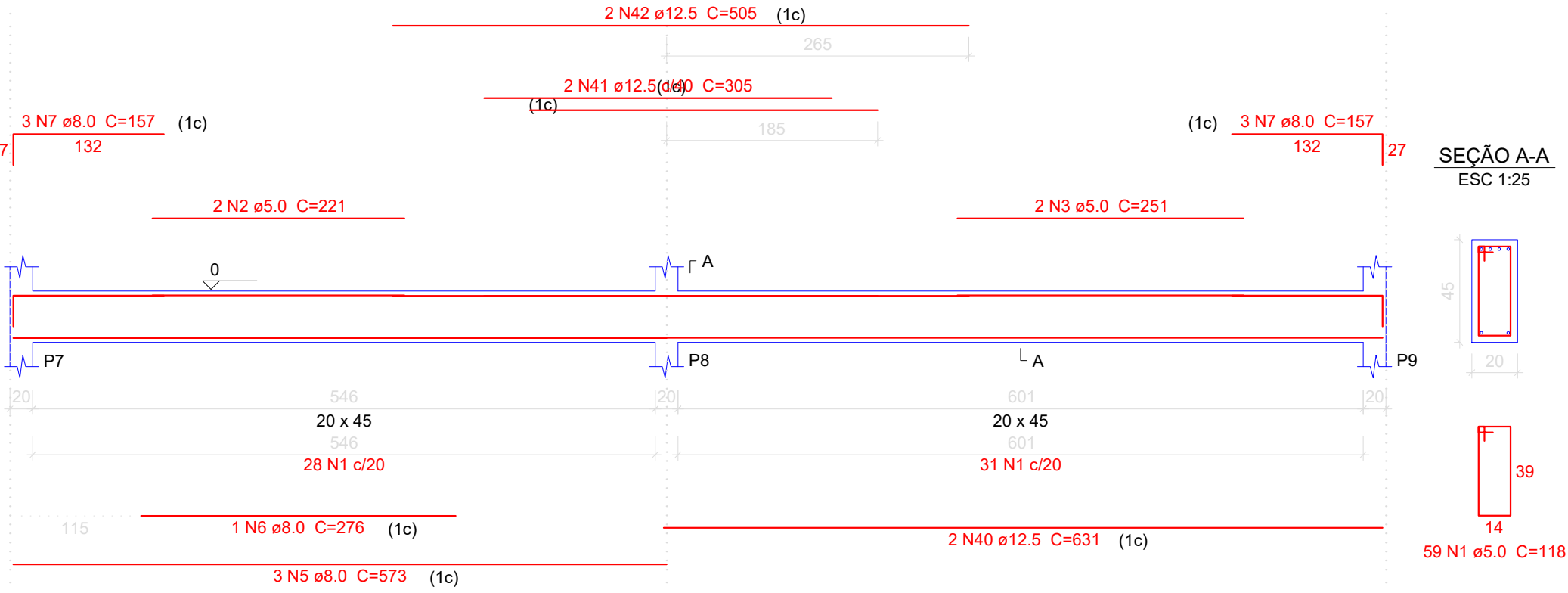
V1
ESC 1:50



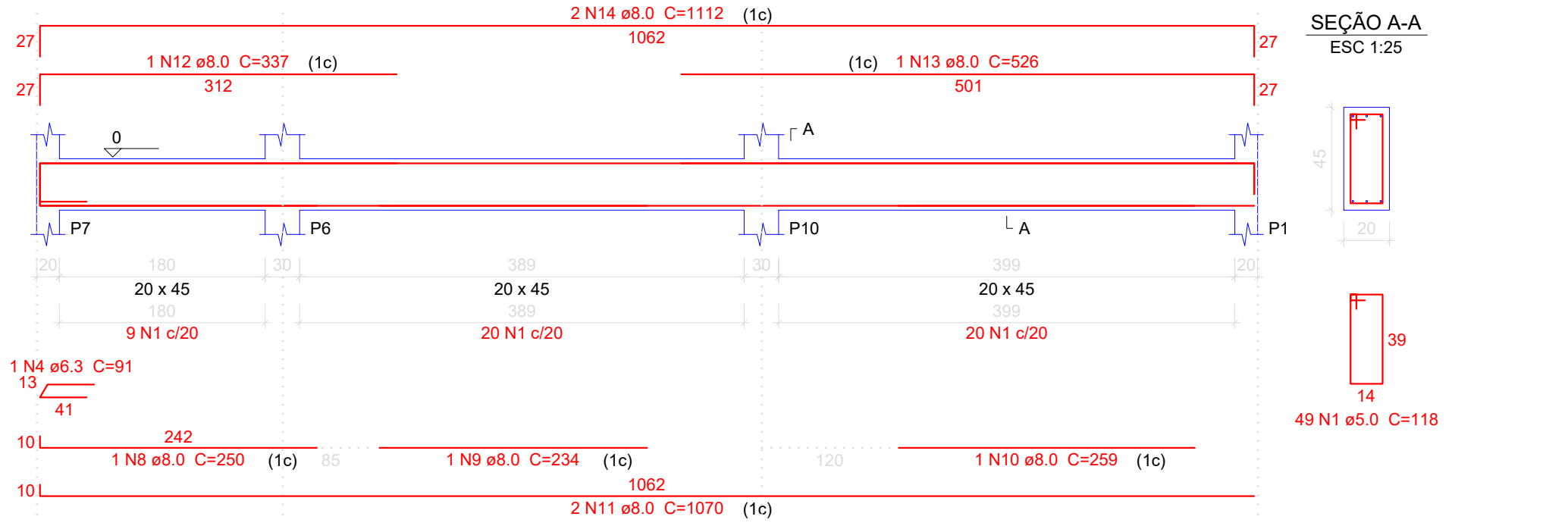
V2
ESC 1:50



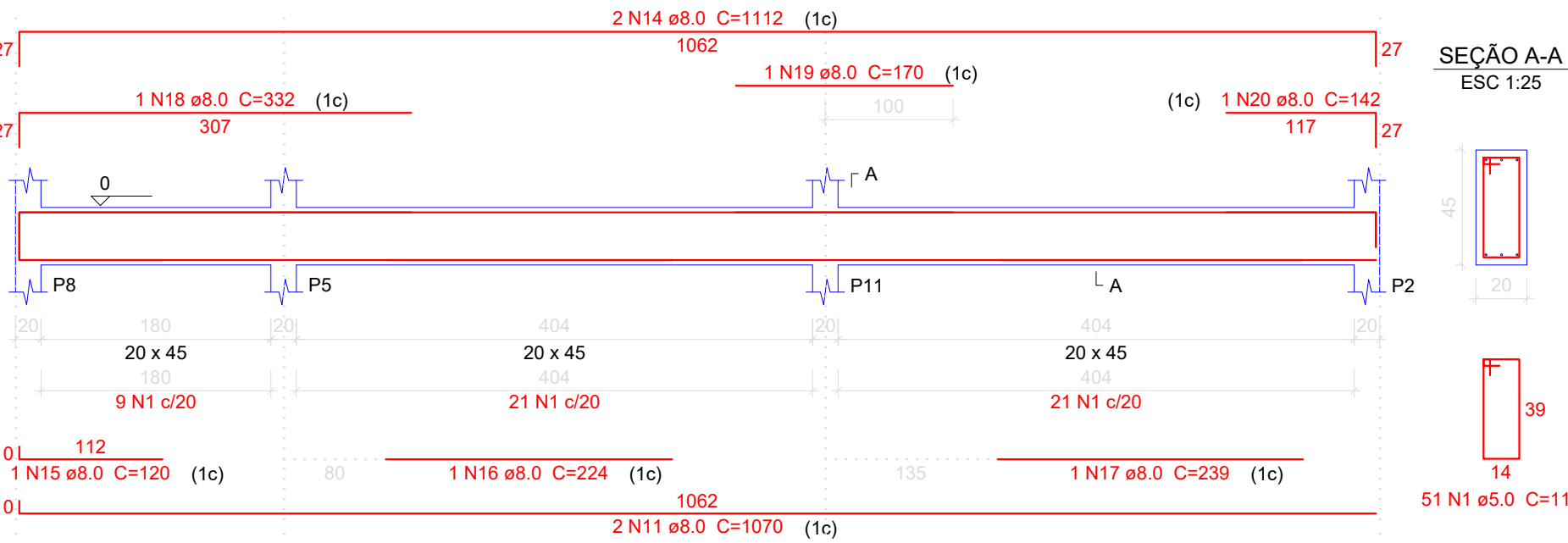
V3
ESC 1:50



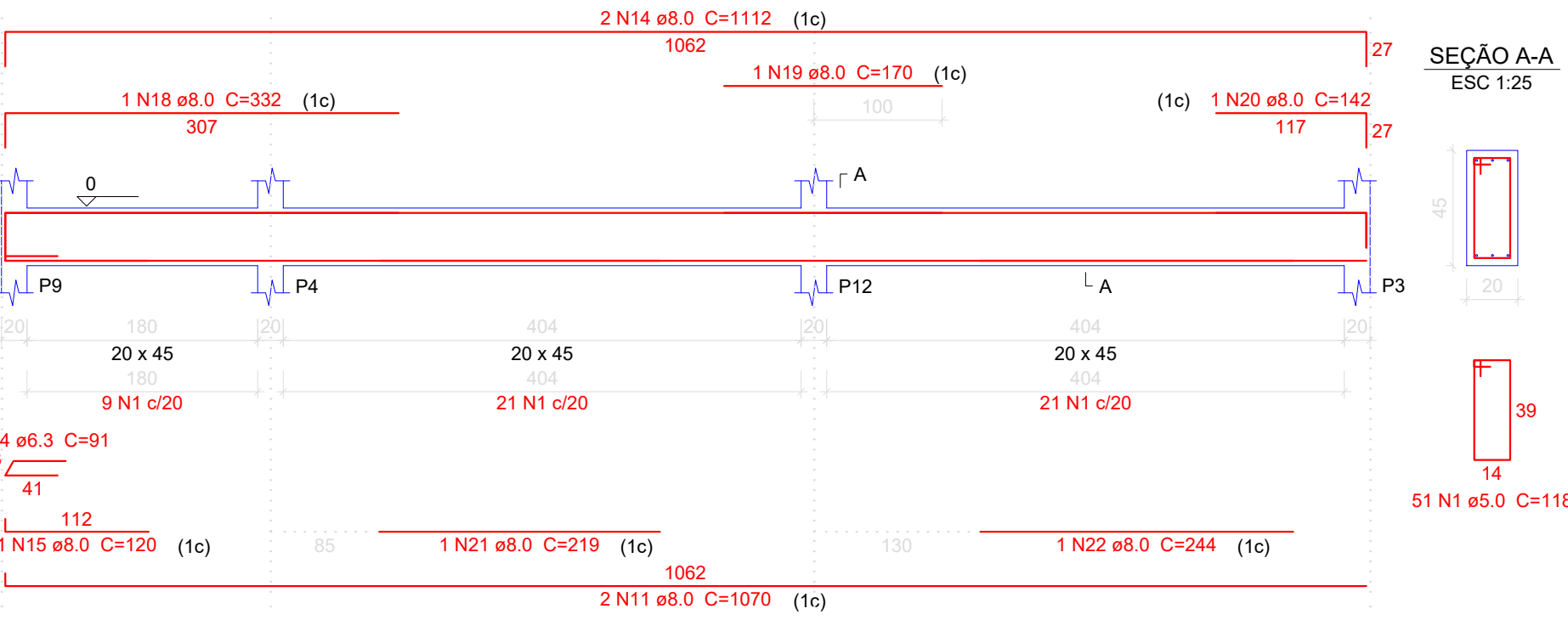
V4
ESC 1:50



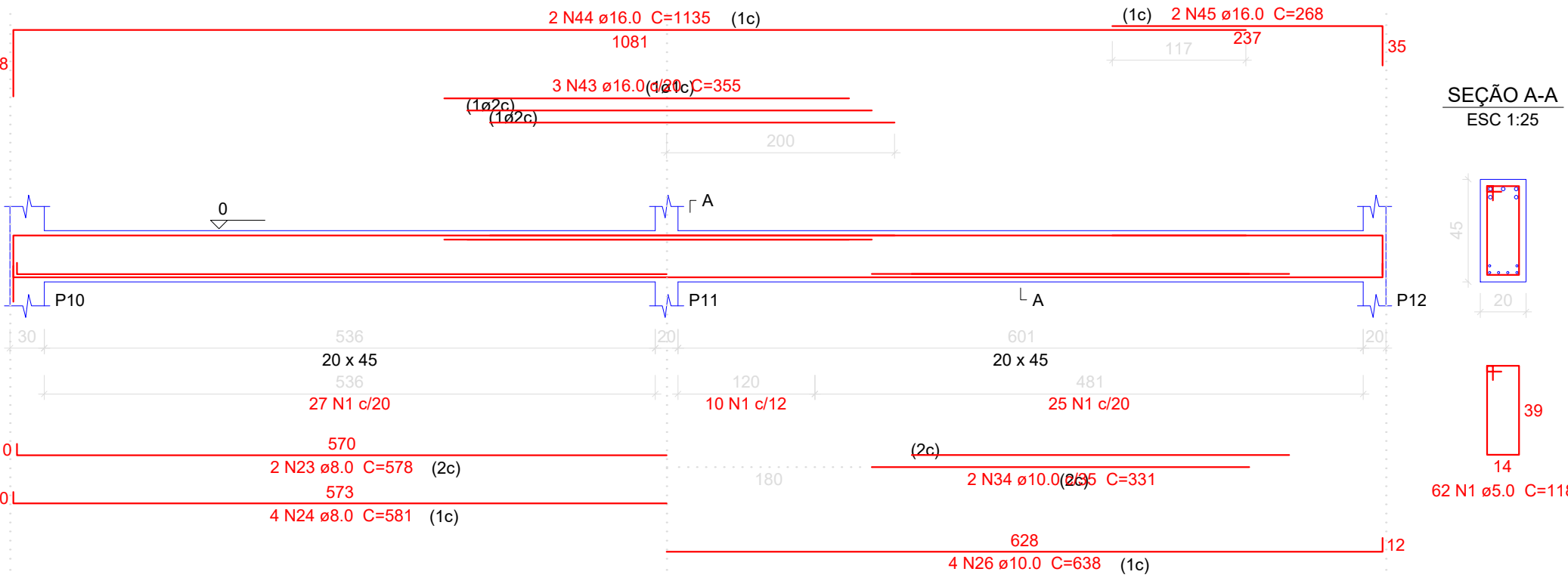
V5
ESC 1:50



V6
ESC 1:50



V7
ESC 1:50



Relação do aço

AÇO	N	DIAM	Q	UNIT	C.TOTAL
				(cm)	(cm)
CA60	1	5.0	395	118	46610
	2	5.0	4	221	884
	3	5.0	2	251	502
CA50	4	6.3	2	91	182
	5	8.0	9	573	5157
	6	8.0	1	276	276
	7	8.0	6	157	942
	8	8.0	1	250	250
	9	8.0	1	234	234
	10	8.0	1	259	259
	11	8.0	6	1070	6420
	12	8.0	1	337	337
	13	8.0	1	526	526
	14	8.0	6	1112	6672
	15	8.0	2	120	240
	16	8.0	1	224	224
	17	8.0	1	239	239
	18	8.0	2	332	664
	19	8.0	2	170	340
	20	8.0	2	142	284
	21	8.0	1	219	219
	22	8.0	1	244	244
	23	8.0	2	578	1158
	24	8.0	4	581	2324
	25	10.0	2	326	652
	26	10.0	8	638	5104
	27	10.0	2	240	480
	28	10.0	3	300	900
	29	10.0	3	380	1140
	30	10.0	1	440	440
	31	10.0	1	820	820
	32	10.0	2	860	1720
	33	10.0	3	206	618
	34	10.0	2	331	662
	35	12.5	3	643	1929
	36	12.5	4	365	1460
	37	12.5	2	1104	2208
	38	12.5	2	241	482
	39	12.5	3	588	1764
	40	12.5	2	631	1262
	41	12.5	2	305	610
	42	12.5	2	605	1010
	43	16.0	3	355	1065
	44	16.0	2	1135	2270
	45	16.0	2	268	536

Resumo do aço

AÇO	DIAM	C.TOTAL	PESO + 10 %
		(m)	(kg)
CA50	6.3	1.9	0.5
	8.0	270.1	117.2
	10.0	125.4	85
	12.5	107.3	113.7
	16.0	38.8	67.2
CA60	5.0	480	81.4
PESO TOTAL			
CA50	383.6		
CA60	81.4		

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

Título: Vigas Terreo		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