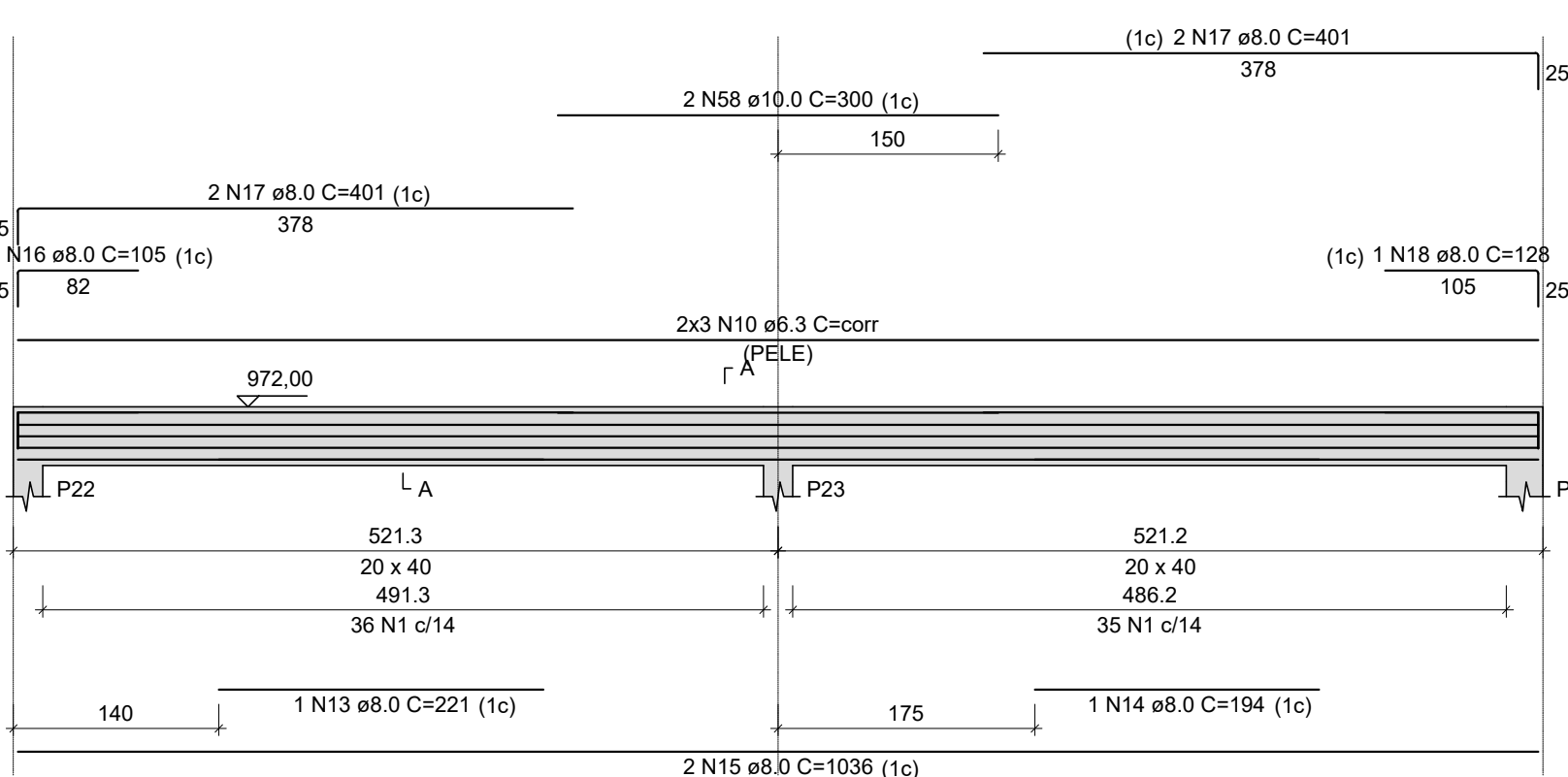


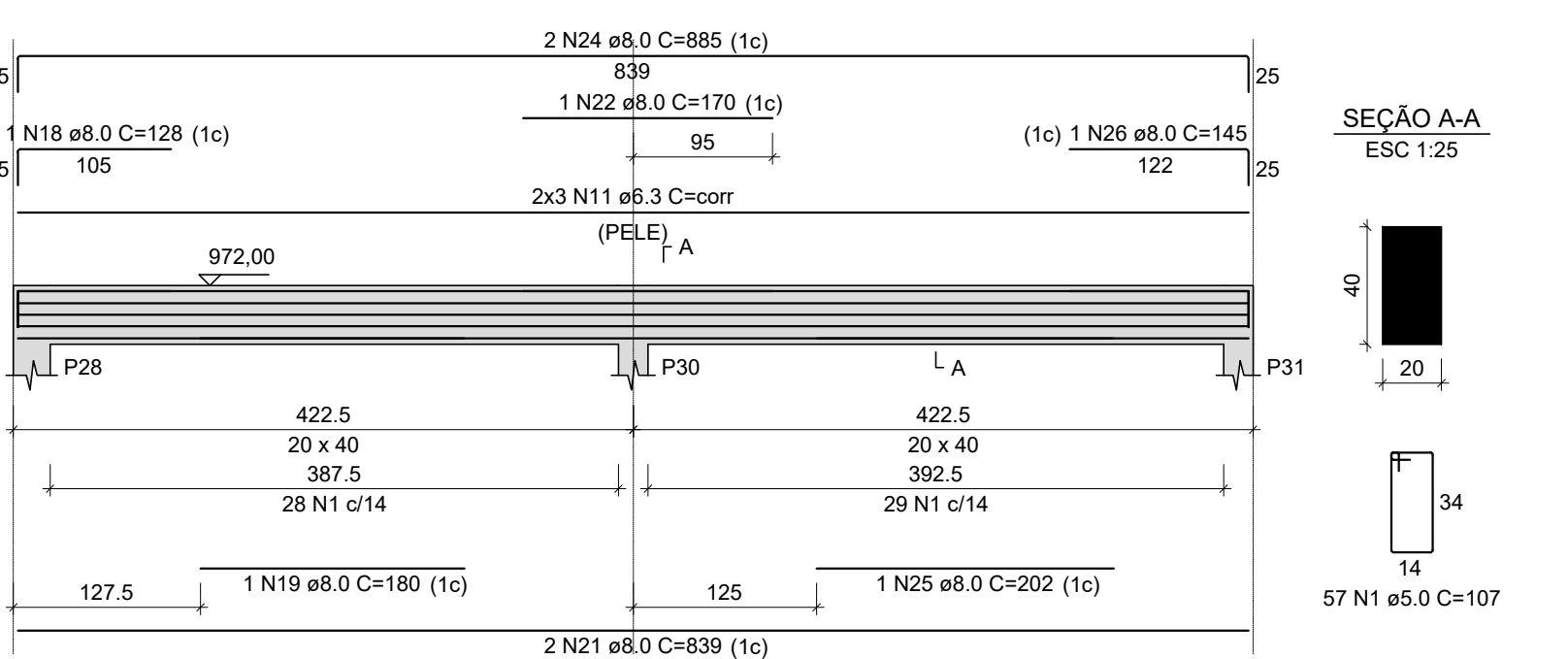
# V1

ESC 1:50



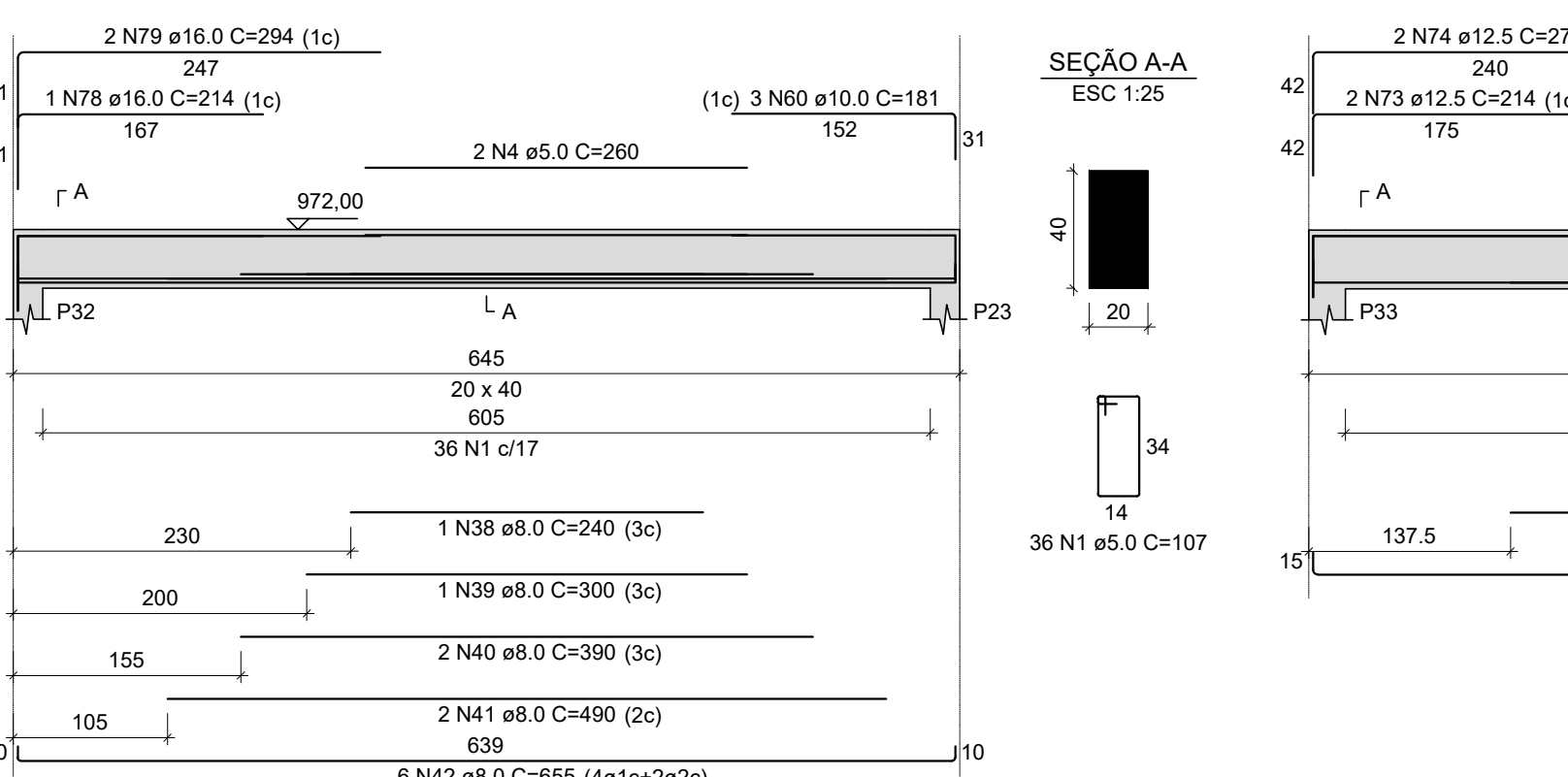
# V4

ESC 1:50



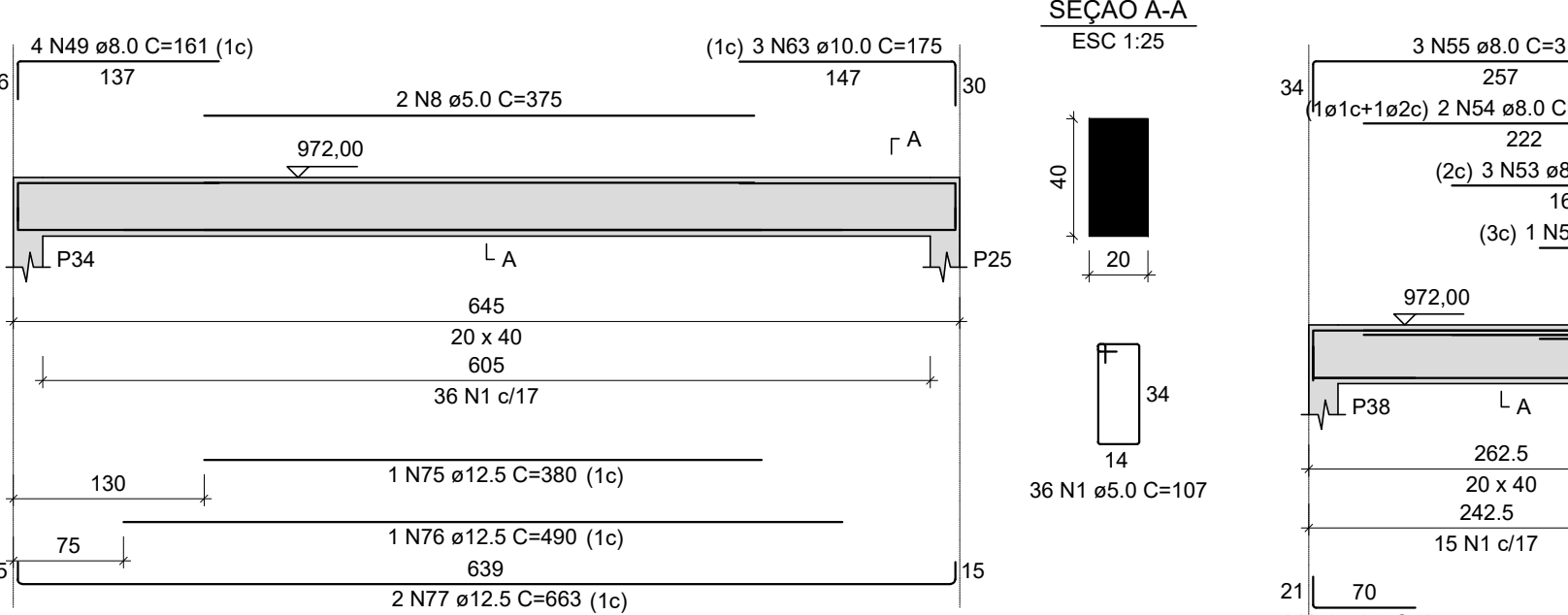
# V7

ESC 1:50



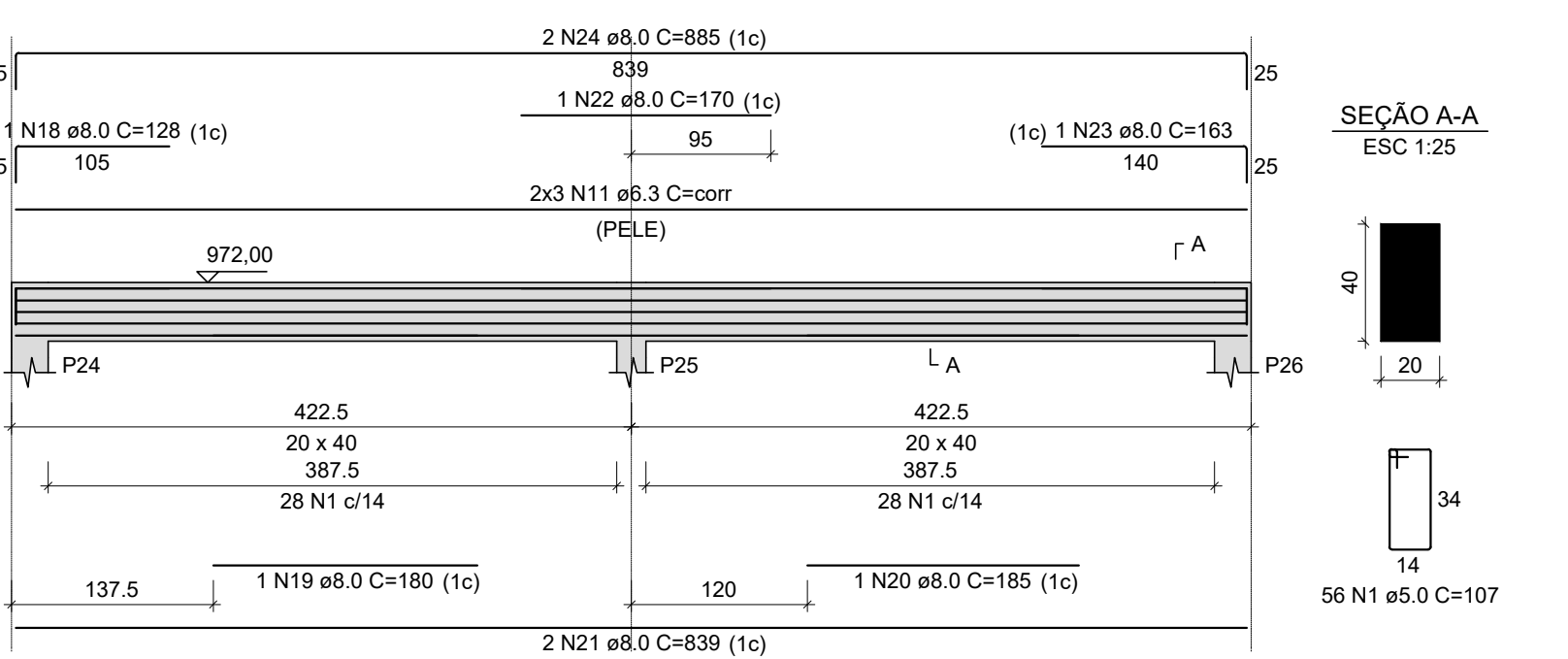
# V10

ESC 1:50



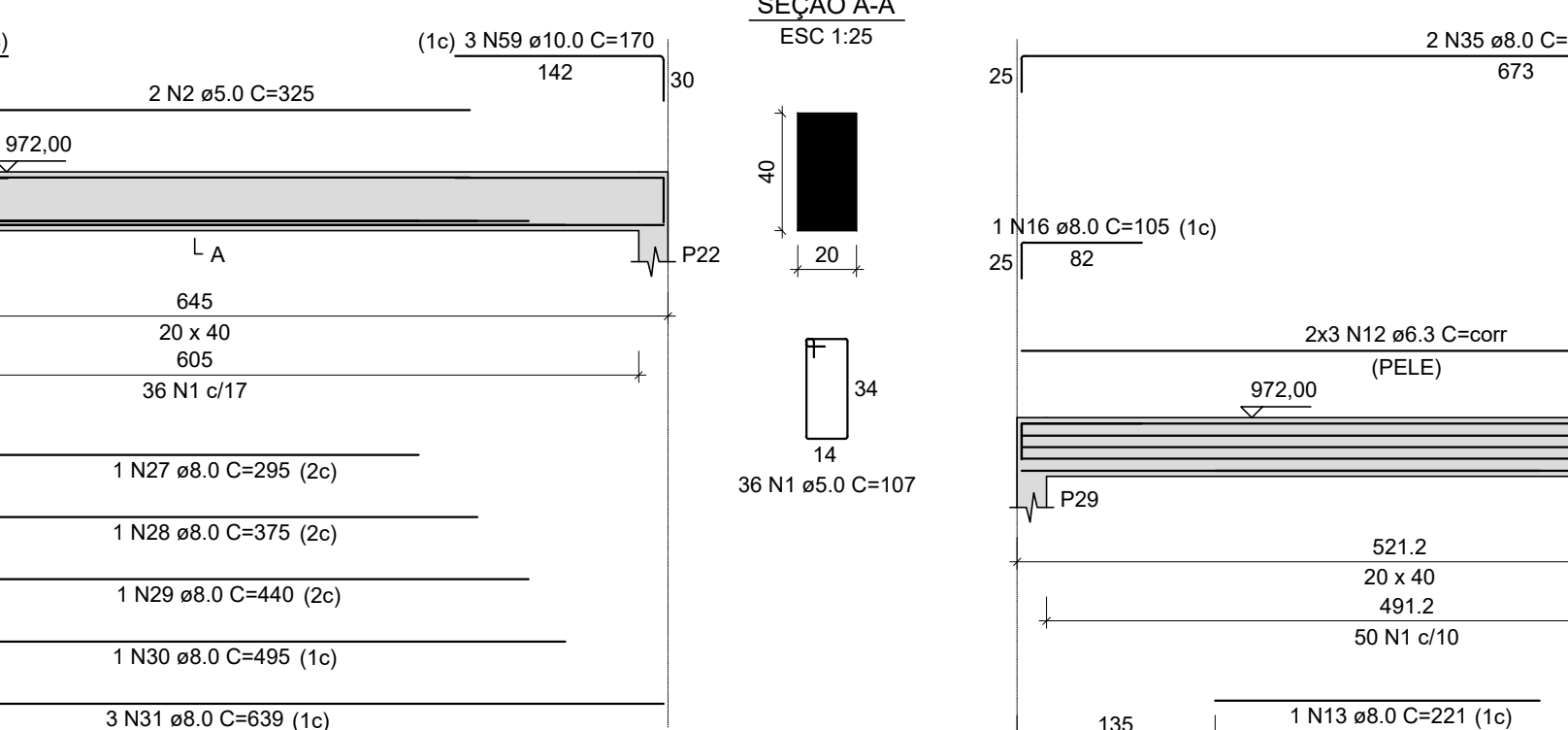
# V2

ESC 1:50



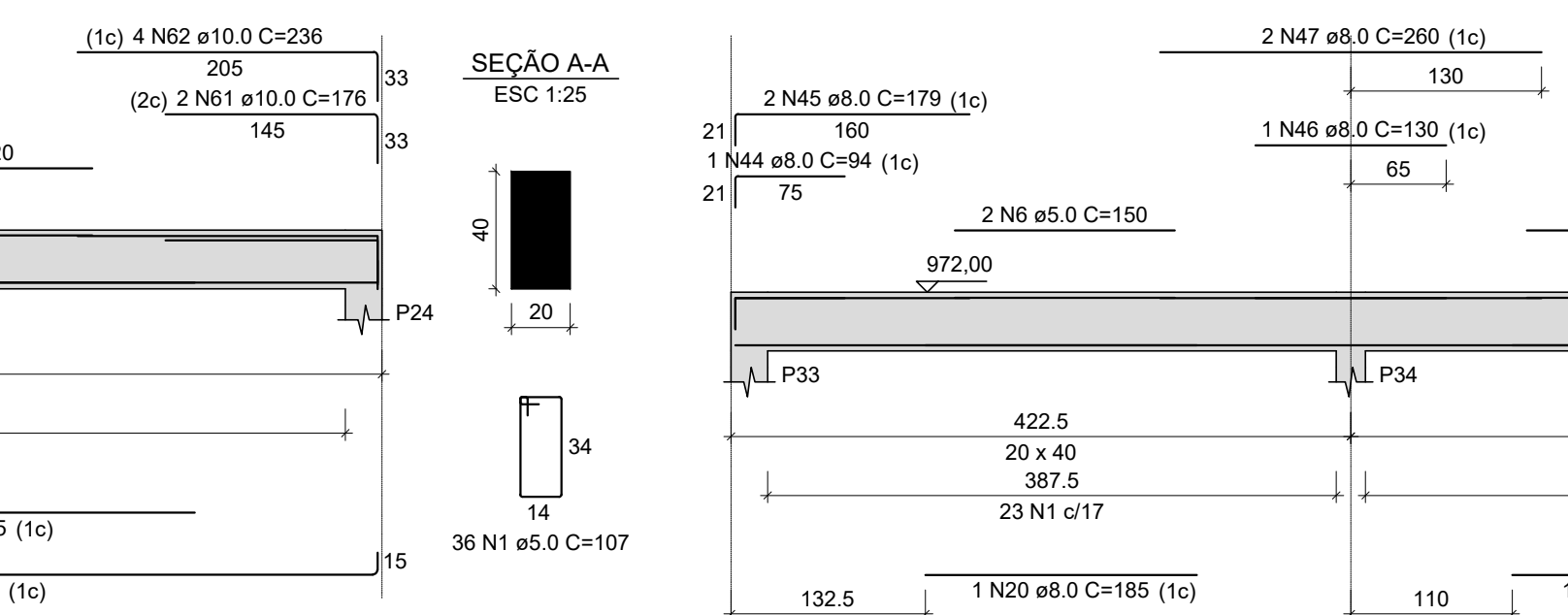
# V5

ESC 1:50



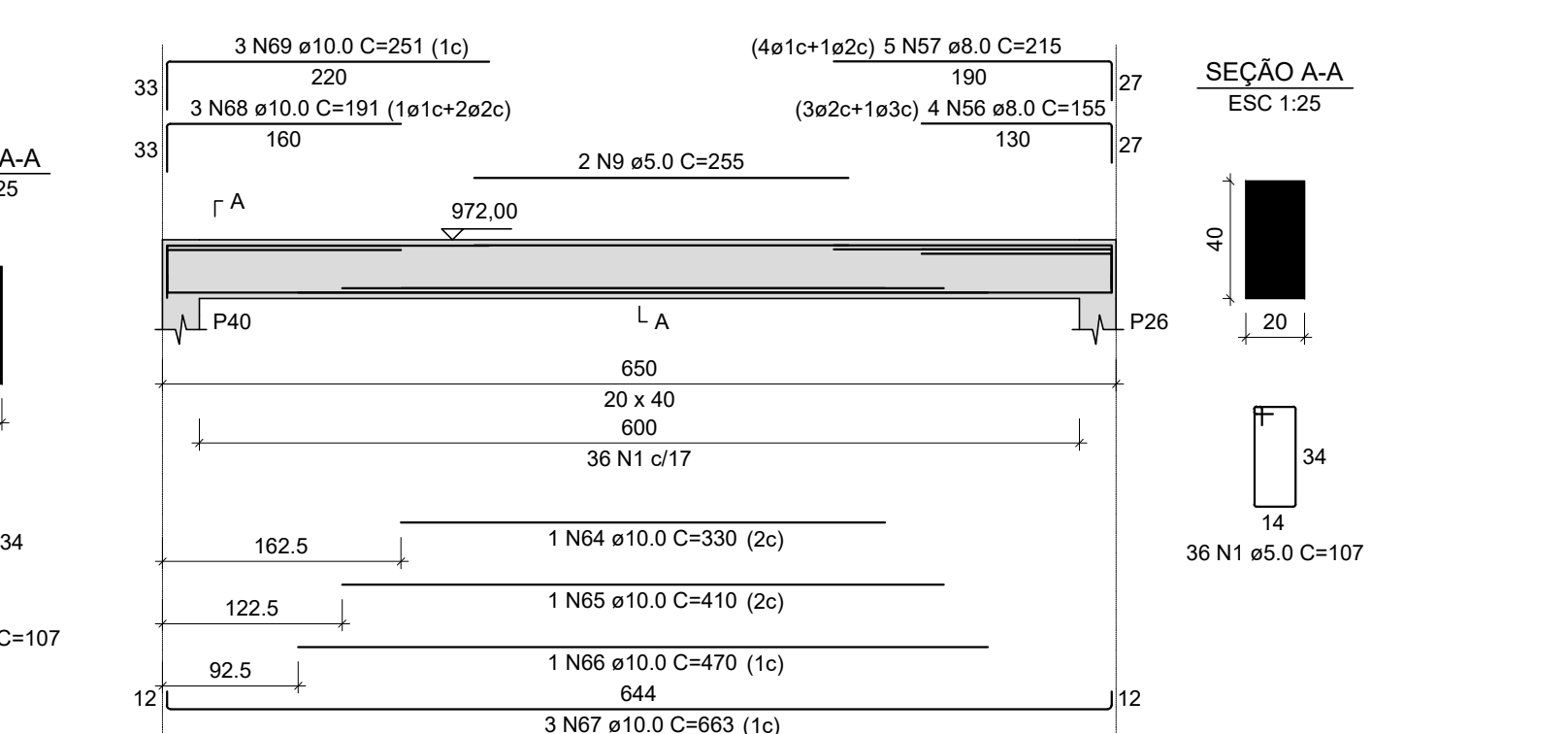
# V8

ESC 1:50



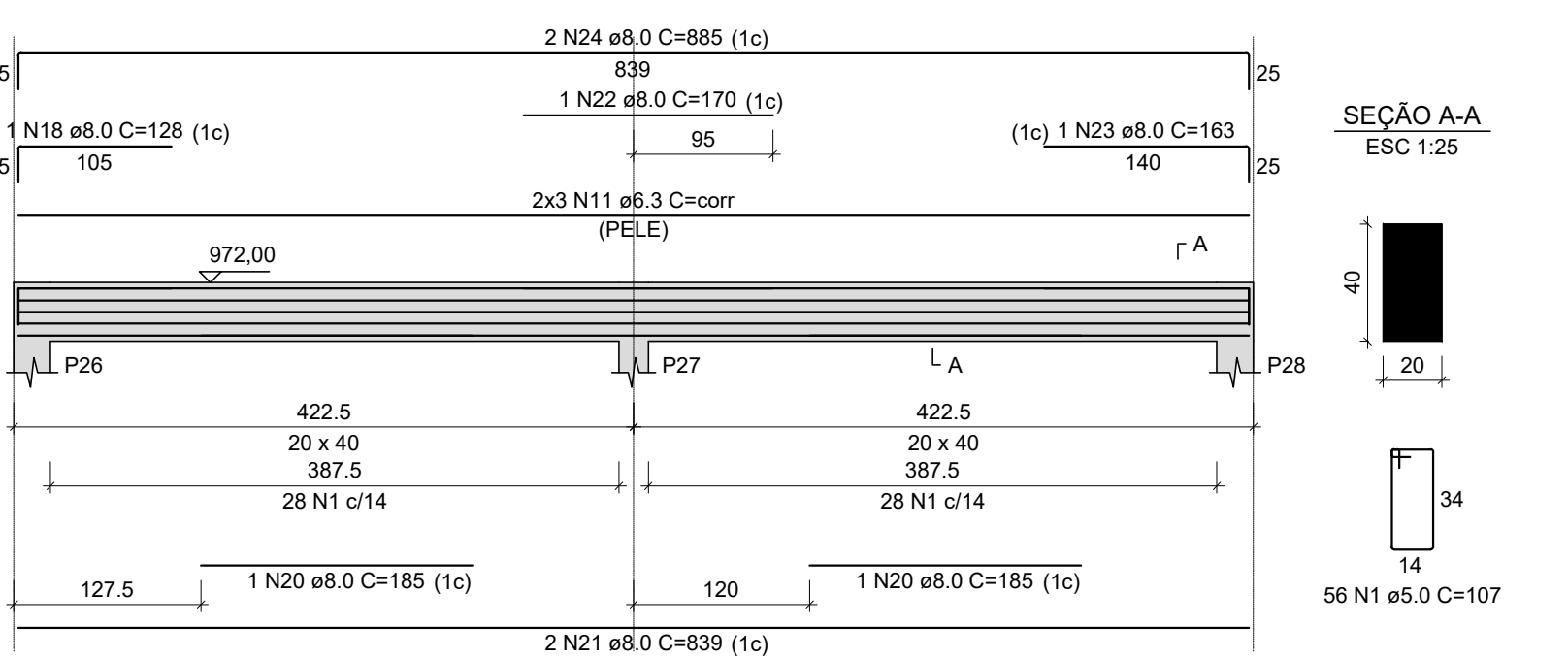
# V12

ESC 1:50



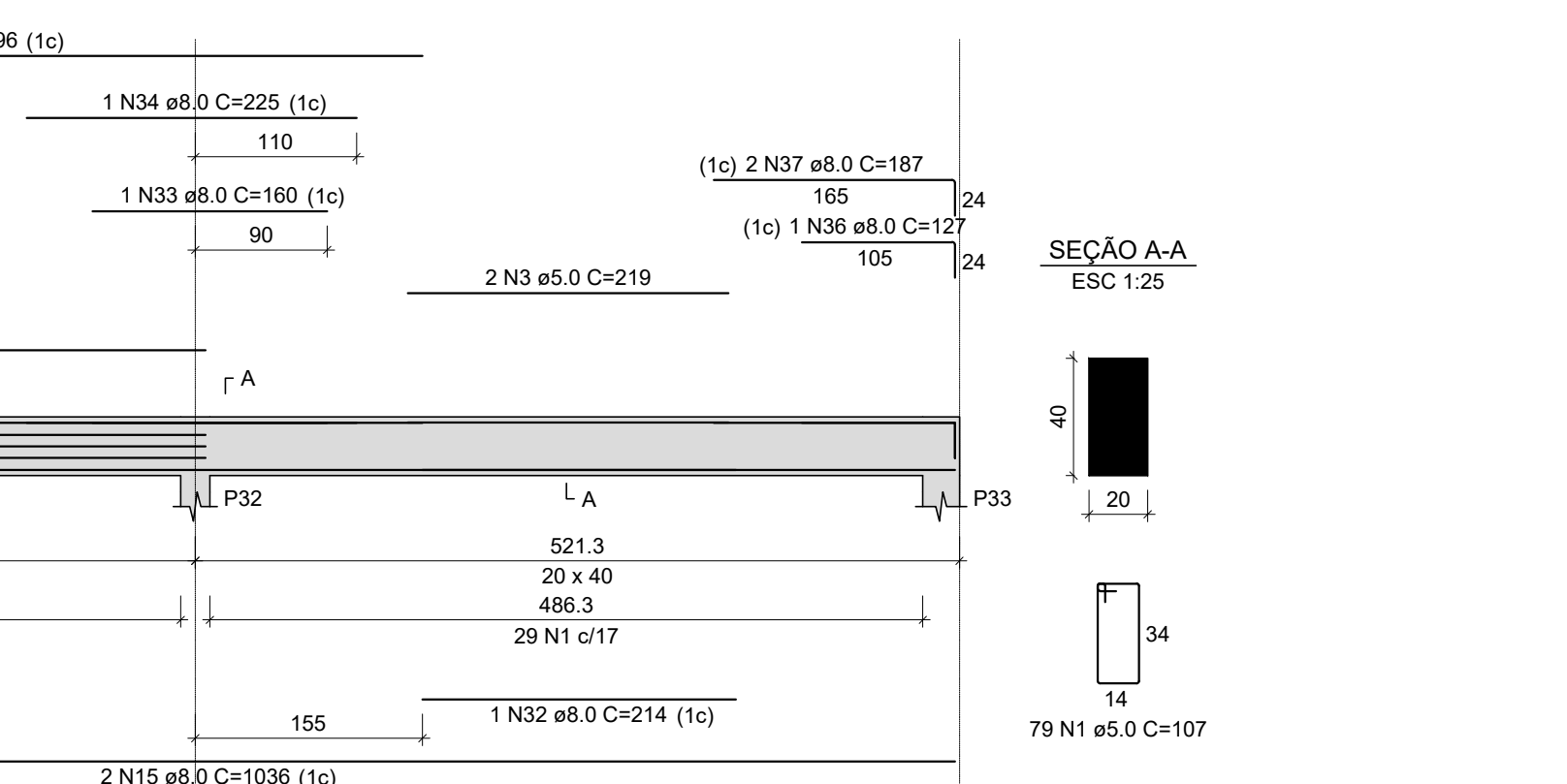
# V3

ESC 1:50



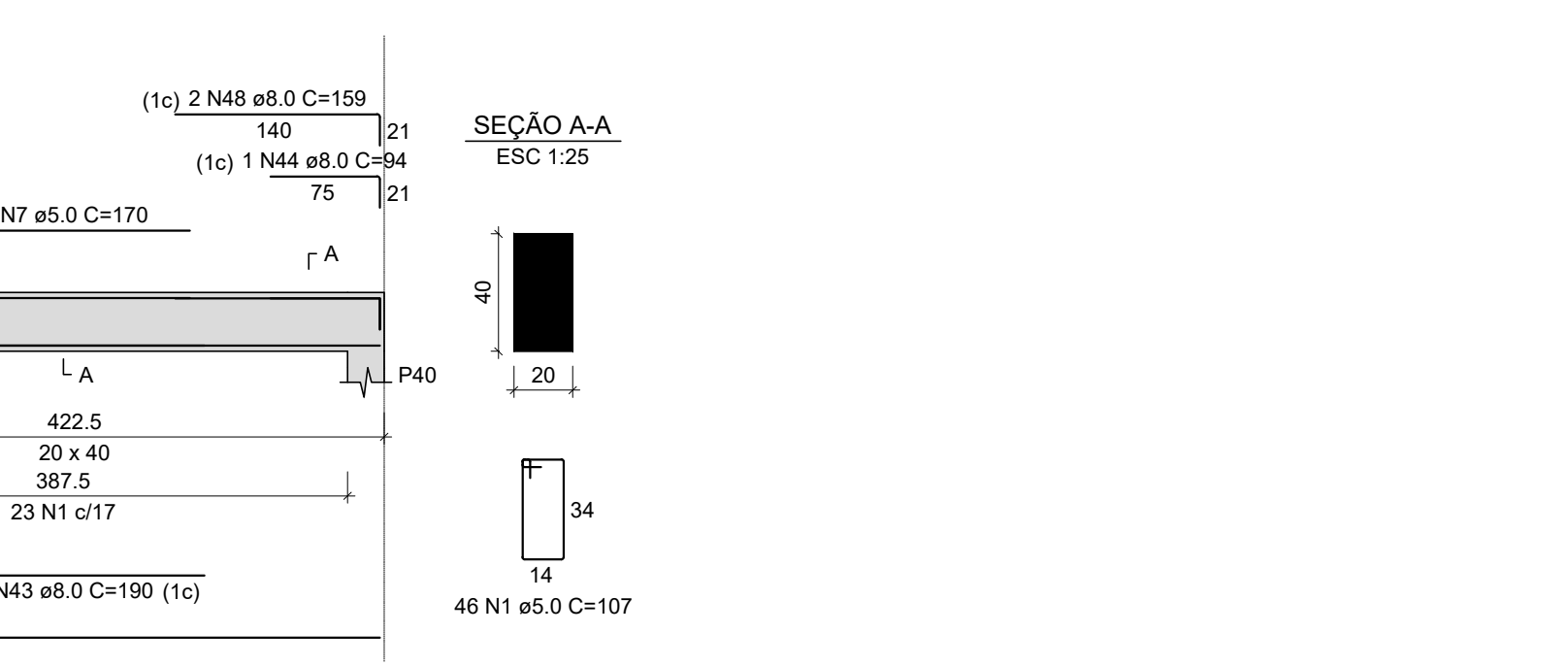
# V6

ESC 1:50



# V9

ESC 1:50



## RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V1	1	5.0	560	107	59920
V4	2	5.0	2	325	650
V7	3	5.0	2	219	438
V10	4	5.0	2	280	520
	5	5.0	2	220	440
	6	5.0	2	150	300
	7	5.0	2	170	340
	8	5.0	2	375	750
	9	5.0	2	255	510
	10	6.3	6	corr	6216
	11	6.3	18	corr	15102
	12	6.3	6	corr	3150
	13	8.0	2	221	442
	14	8.0	1	194	394
	15	8.0	4	1036	4144
	16	8.0	2	105	210
	17	8.0	4	401	1604
	18	8.0	4	128	512
	19	8.0	2	180	360
	20	8.0	4	185	740
	21	8.0	8	839	6712
	22	8.0	3	170	510
	23	8.0	2	163	326
	24	8.0	6	895	5310
	25	8.0	1	202	202
	26	8.0	1	145	145
	27	8.0	1	295	295
	28	8.0	1	375	375
	29	8.0	1	440	440
	30	8.0	1	495	495
	31	8.0	3	639	1917
	32	8.0	1	214	214
	33	8.0	1	160	160
	34	8.0	1	225	225
	35	8.0	2	696	1392
	36	8.0	1	127	127
	37	8.0	2	187	374
	38	8.0	1	240	240
	39	8.0	1	300	300
	40	8.0	2	390	780
	41	8.0	2	490	980
	42	8.0	6	655	3930
	43	8.0	1	190	190
	44	8.0	2	94	188
	45	8.0	2	179	358
	46	8.0	1	130	130
	47	8.0	2	260	520
	48	8.0	2	159	318
	49	8.0	4	161	644
	50	8.0	1	89	89
	51	8.0	2	276	552
	52	8.0	1	127	127
	53	8.0	3	187	561
	54	8.0	2	247	494
	55	8.0	3	314	942
	56	8.0	4	155	620
	57	8.0	5	215	1075
	58	10.0	2	300	600
	59	10.0	3	170	510
	60	10.0	3	181	543
	61	10.0	2	176	352
	62	10.0	4	236	944
	63	10.0	3	175	525
	64	10.0	1	330	330
	65	10.0	1	410	410
	66	10.0	1	470	470
	67	10.0	3	663	1989
	68	10.0	3	191	573
	69	10.0	3	251	753
	70	12.5	2	231	462
	71	12.5	1	385	385
	72	12.5	3	688	2064
	73	12.5	2	214	428
	74	12.5	2	279	558
	75	12.5	1	380	380
	76	12.5	1	490	490
	77	12.5	2	663	1326
	78	16.0	1	214	214
	79	16.0	2	294	588

## RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	244.7	65.9
	8.0	404.6	175.6
	10.0	80	54.2
	12.5	60.3	63.9
	16.0	8	13.9
	5.0	638.7	108.3
PESO TOTAL (kg)			
CA50		373.6	
CA60		108.3	

Volume de concreto fck 3,0kN/cm² (C-30) = 6.64 m³  
Área de forma = 59.20 m²

06	21/11/22	REVISÃO CONFORME NOTA TÉCNICA	ATACIZIO
REVISÃO	DATA	DESCRIÇÃO	RESP.
EMPRESA	MARKA ARQUITETURA E ENGENHARIA LTDA. RUA PROFESSOR ABEYLARD, 279, SALA 9 CENTRO, SETE LAGOAS/MG opoio@markaprojetos.com.br (31) 3177-4235 www.markaprojetos.com.br		ESPECIALIDADE
			ESTRUTURAL
			FASE DO PROJETO
			EXECUTIVO
EMPREENHIMENTO - OBRA			RESPONSÁVEL PROJETO
			JOSE ATACIZIO DA FE
			COORDENADOR PROJETO
			KARINE NARDY
			PROJETISTA
			JOSE ATACIZIO DA FE
ASSUNTO			ESCALA
			INDICADA
			Nº FOLHA
			DATA
			02/11/2022
			ARQUIVO
			064-EST-BLOCO 03-BELVEDERE-ROE