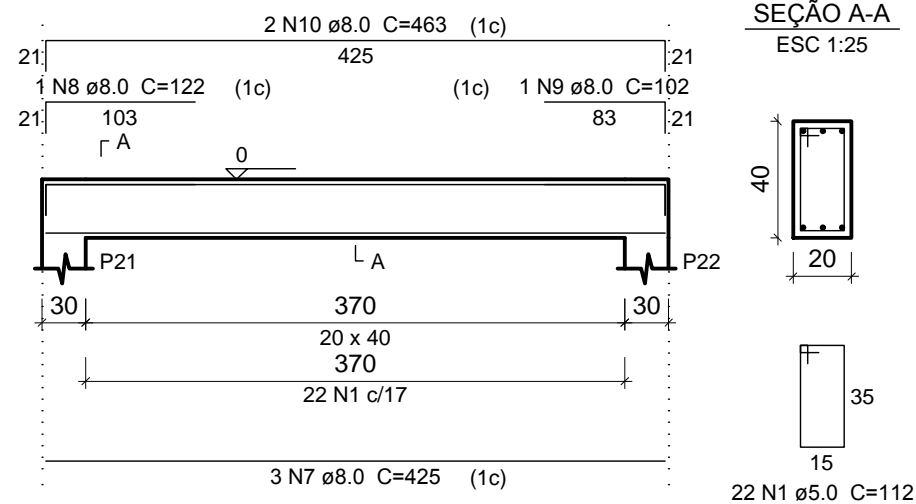


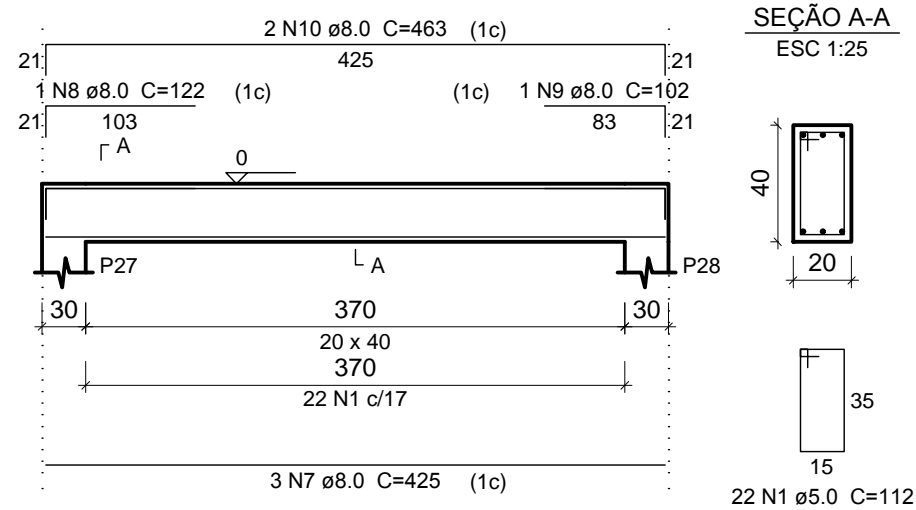
V11 (20 x 40)

ESC 1:50



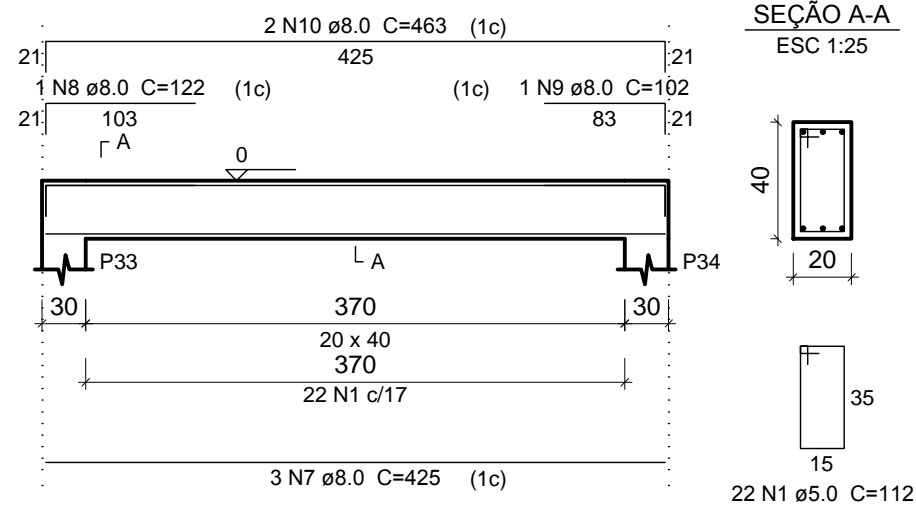
V14 (20 x 40)

ESC 1:50



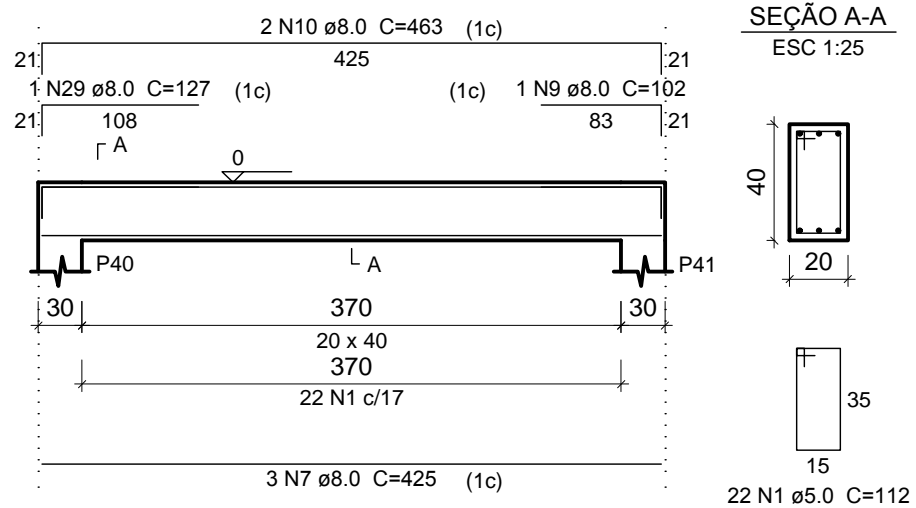
V17 (20 x 40)

ESC 1:50



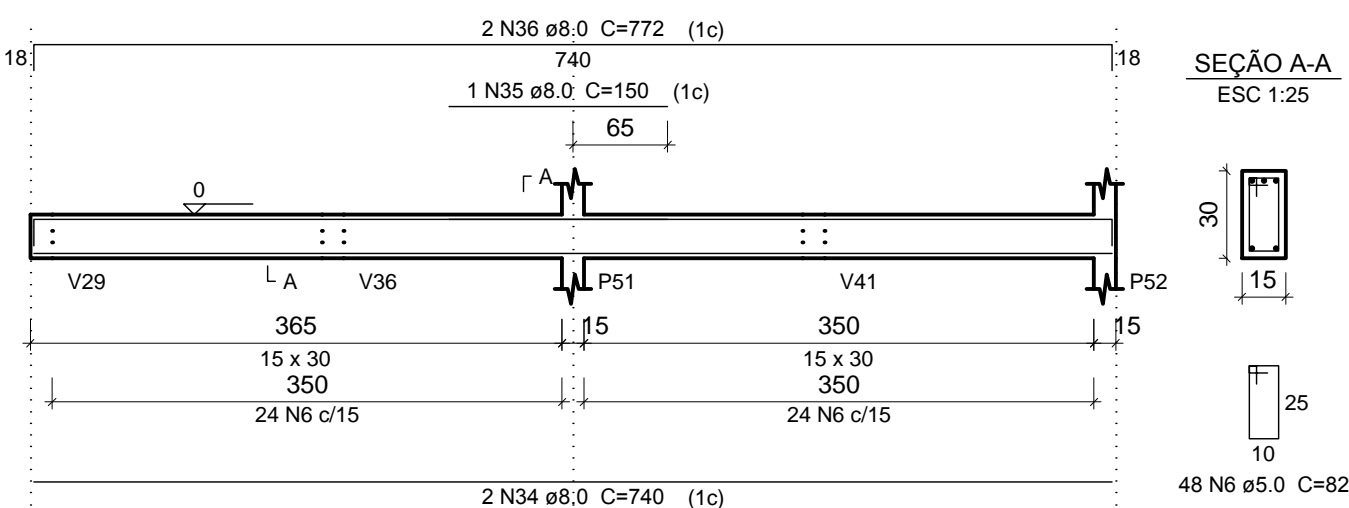
V20 (20 x 40)

ESC 1:50



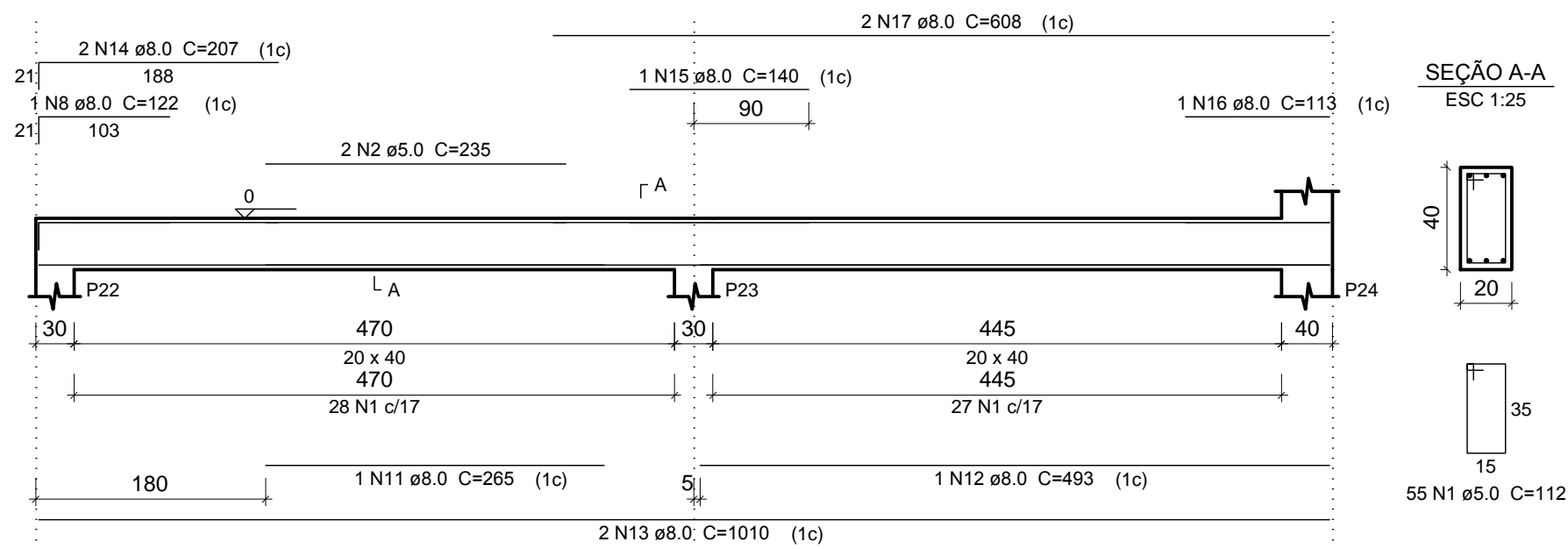
V24 (15 x 30)

ESC 1:50



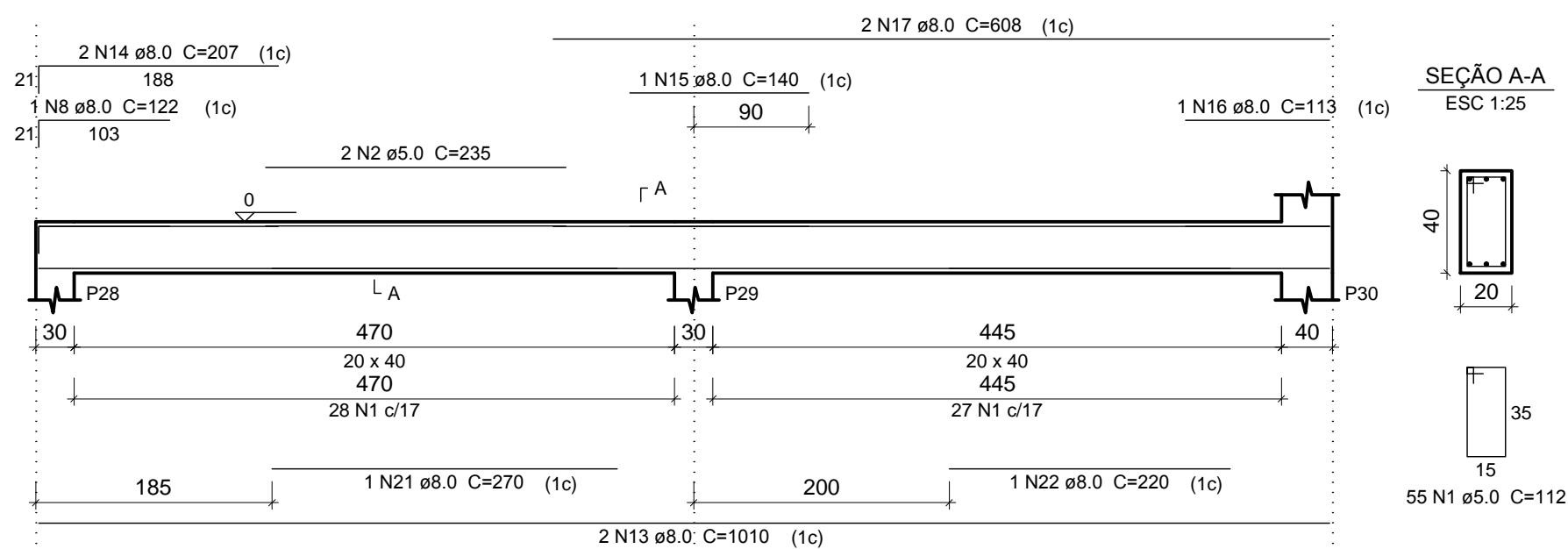
V12 (20 x 40)

ESC 1:50



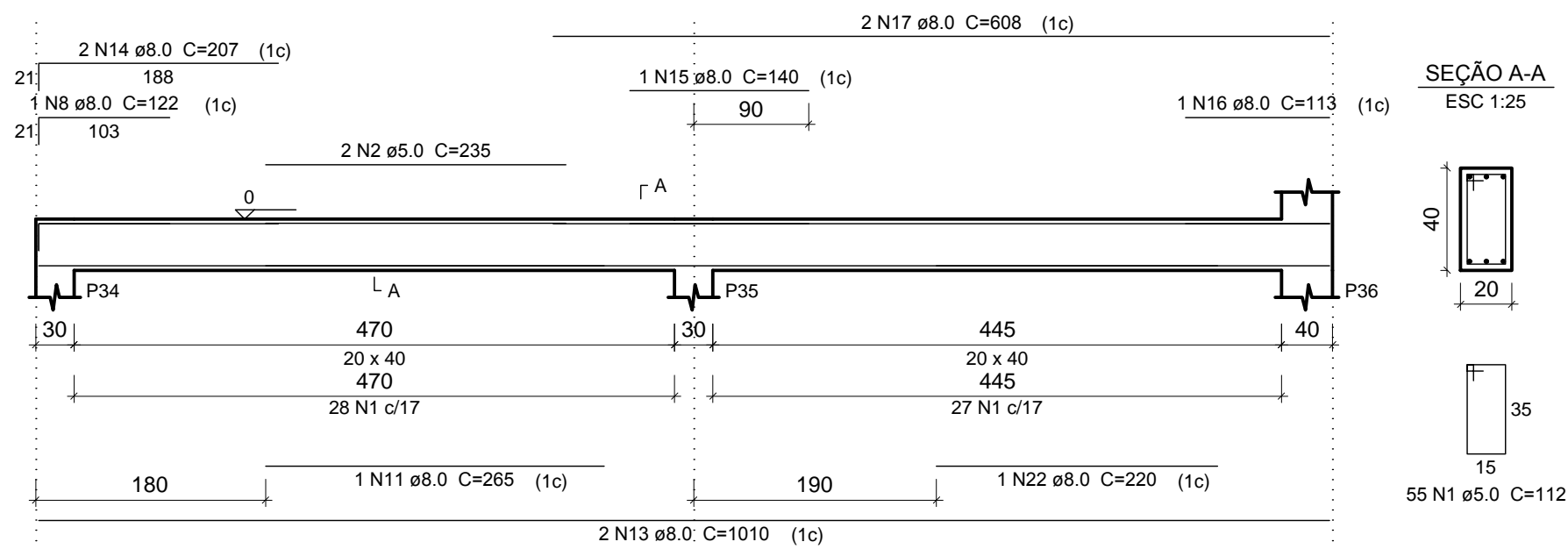
V15 (20 x 40)

ESC 1:50



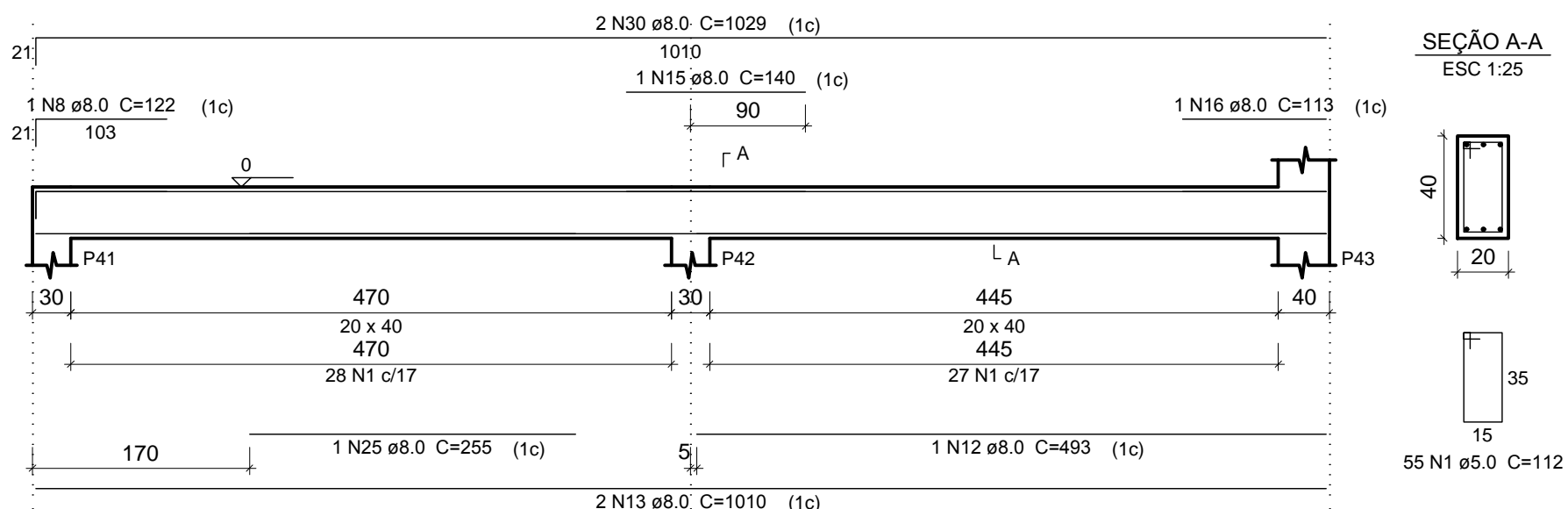
V18 (20 x 40)

ESC 1:50



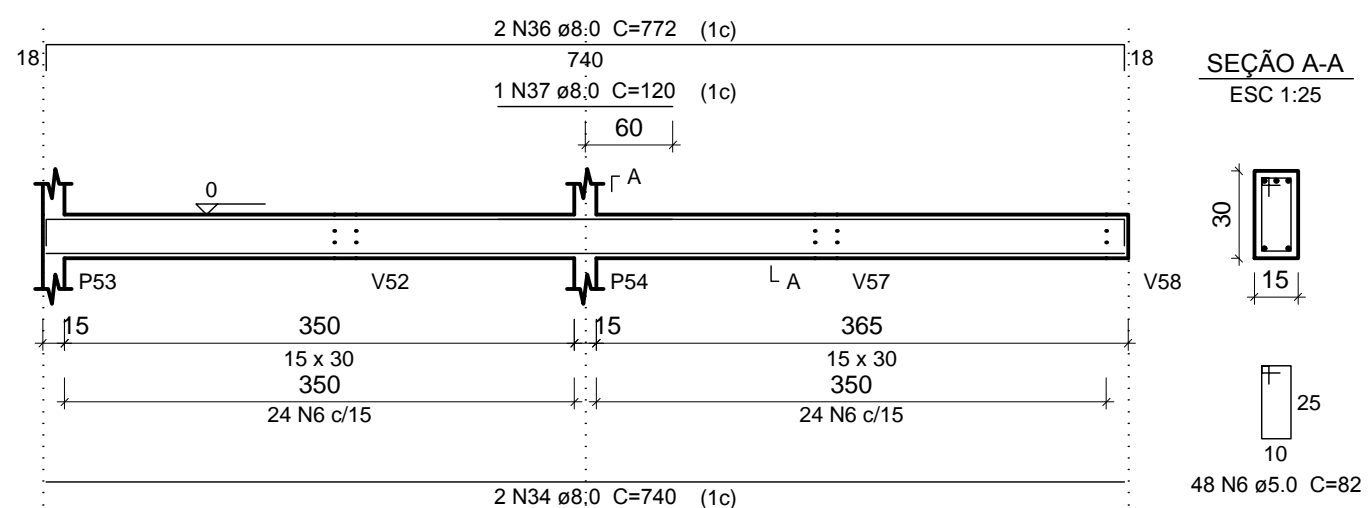
V21 (20 x 40)

ESC 1:50



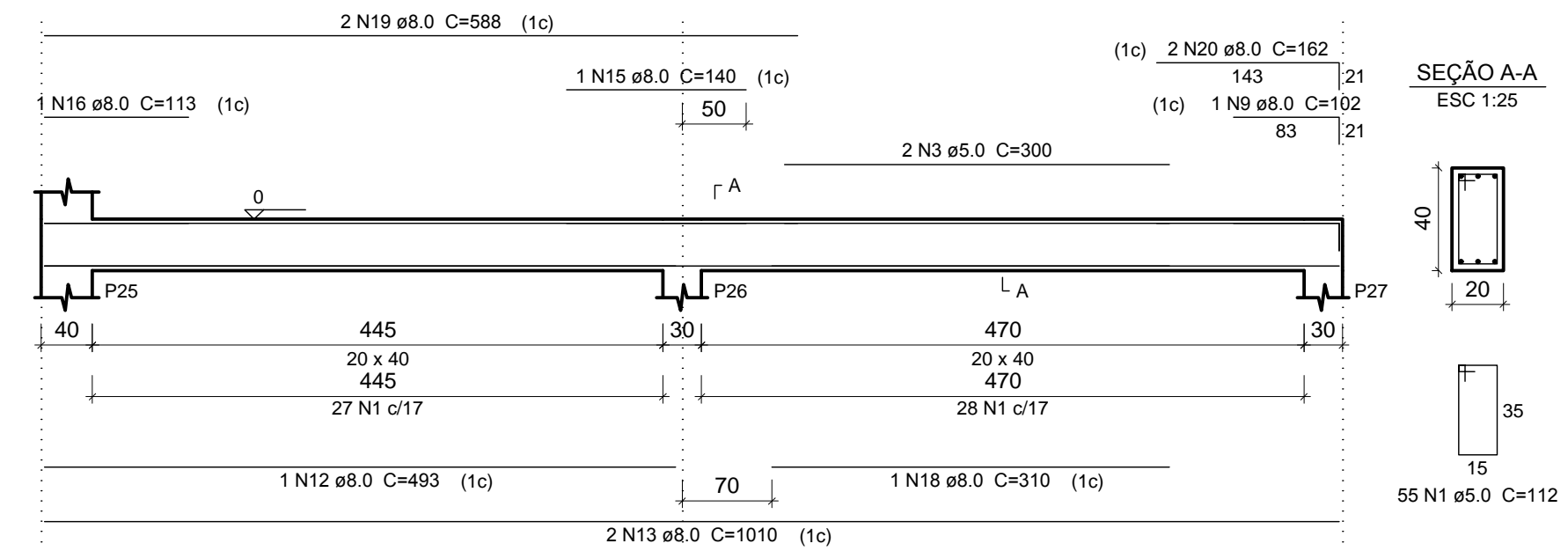
V25 (15 x 30)

ESC 1:50



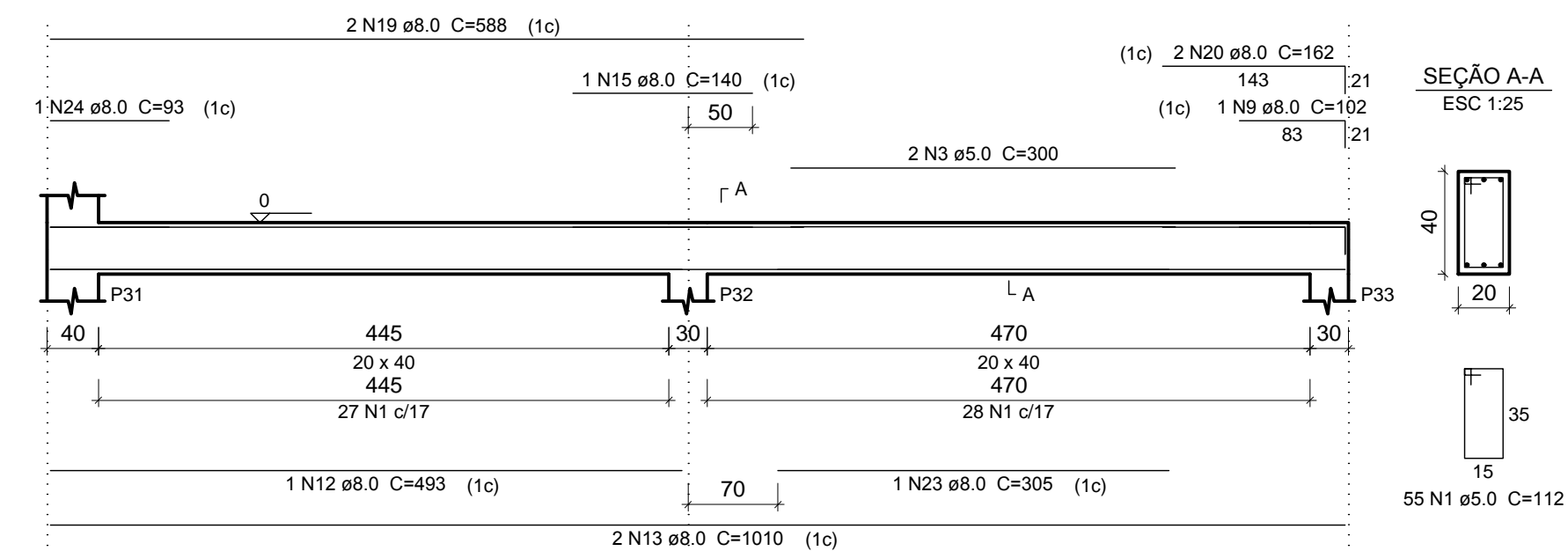
V13 (20 x 40)

ESC 1:50



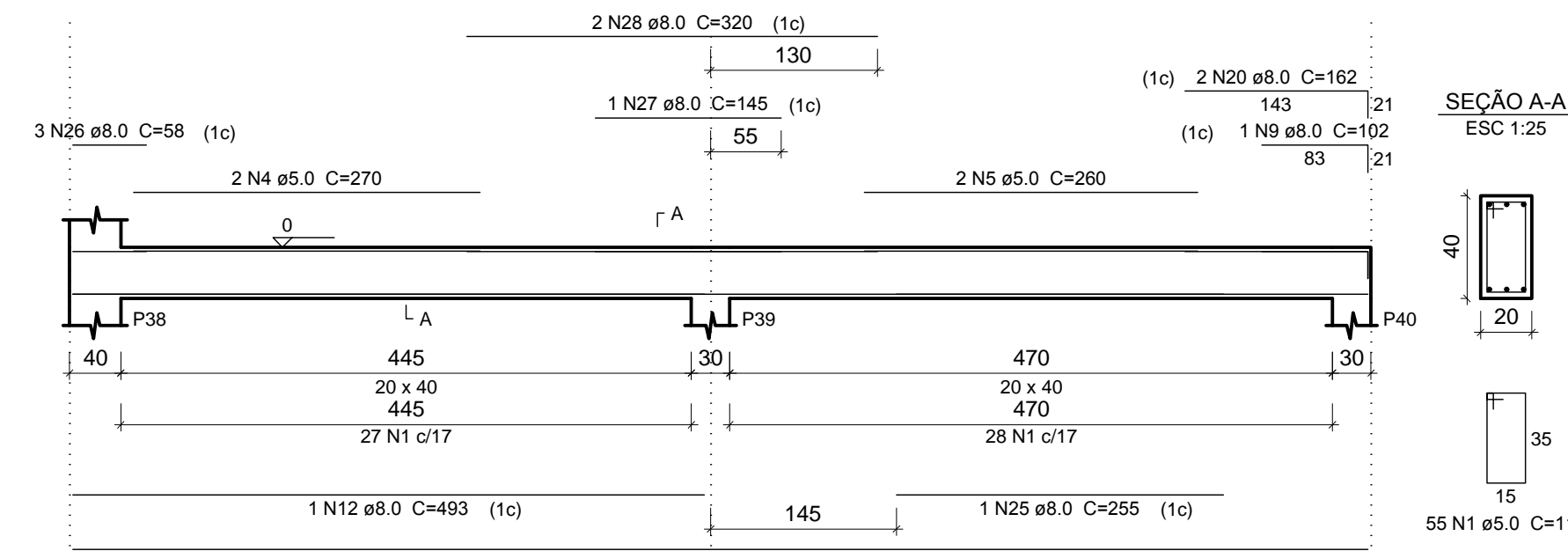
V16 (20 x 40)

ESC 1:50



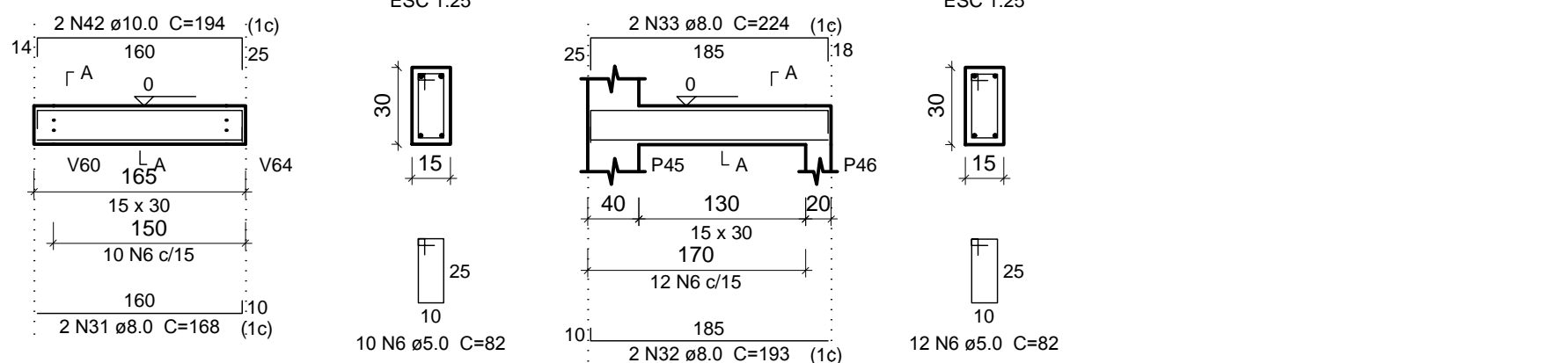
V19 (20 x 40)

ESC 1:50



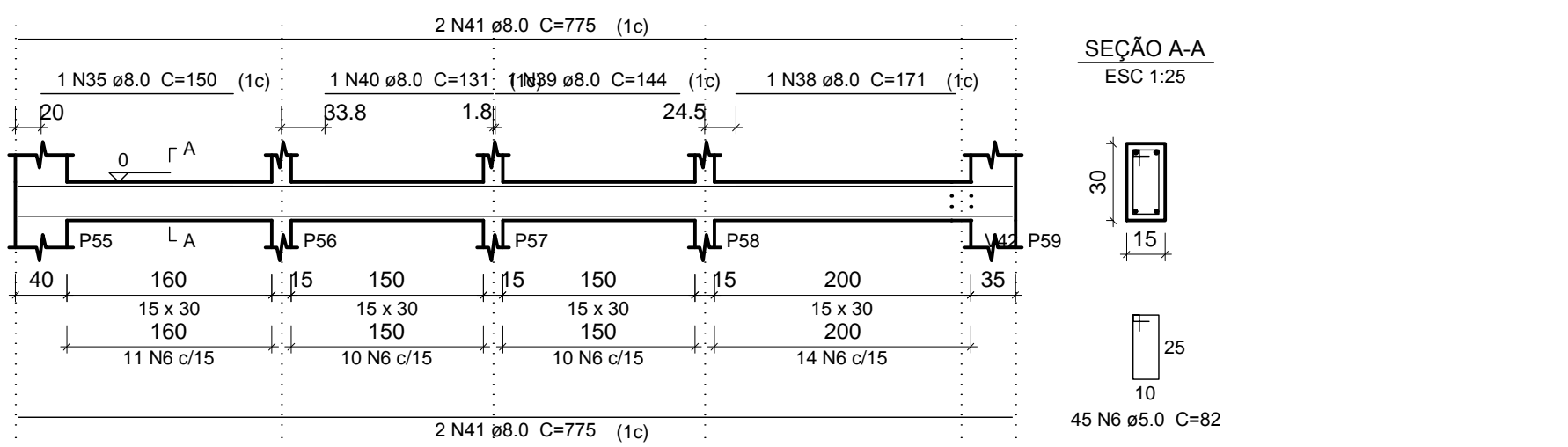
V22 (15 x 30)

ESC 1:50



V26 (15 x 30)

ESC 1:50



Relação do aço

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	473	112	52976
	2	5.0	235	6	1410
	3	5.0	4	300	1200
	4	5.0	2	270	540
	5	5.0	2	260	520
	6	5.0	163	82	13366
	7	8.0	12	425	5100
	8	8.0	7	122	854
	9	8.0	7	102	714
	10	8.0	8	463	3704
	11	8.0	2	265	530
	12	8.0	5	493	2465
	13	8.0	14	1010	14140
	14	8.0	6	207	1242
	15	8.0	6	140	840
	16	8.0	5	113	565
	17	8.0	6	608	3648
	18	8.0	1	310	310
	19	8.0	4	588	2352
	20	8.0	6	162	972
CA50	21	8.0	1	270	270
	22	8.0	2	220	440
	23	8.0	1	305	305
	24	8.0	1	93	93
	25	8.0	2	255	510
	26	8.0	3	58	174
	27	8.0	1	145	145
	28	8.0	2	320	640
	29	8.0	1	127	127
	30	8.0	2	1029	2058
	31	8.0	2	168	336
	32	8.0	2	193	386
	33	8.0	2	224	448
	34	8.0	4	740	2960
	35	8.0	2	150	300
	36	8.0	4	772	3088
	37	8.0	1	120	120
	38	8.0	1	171	171
	39	8.0	1	144	144
	40	8.0	1	131	131
	41	8.0	4	775	3100
	42	10.0	2	194	388

Resumo do aço

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	533.9	231.7
CA60	10.0	3.9	2.6
PESO TOTAL (kg)		700.2	118.7

CA50	234.3
CA60	118.7

Volume de concreto (C-30) = 8.24 m³
Área de forma = 107.94 m²

PREFEITURA MUNICIPAL DE SÃO JOÃO DO PARAÍSO/MG



OBRA/SERVIÇO:		MERCADO MUNICIPAL	
PROPRIETÁRIO:		PREFEITURA MUNICIPAL DE SÃO JOÃO DO PARAÍSO/MG	
CNPJ:		24.791.154/0001-07	
		MÔNICA CRISTINE MENDES PREFEITA MUNICIPAL	
ENDEREÇO:		PRAÇA DO MERCADO S/Nº - SEDE DO MUNICÍPIO - SÃO JOÃO DO PARAÍSO/MG	
PROJETO:		PROJETO ESTRUTURAL	
RESPONSÁVEL TÉCNICO:		MARCOS PAULO MADUREIRA LOPES ENGENHEIRO CIVIL - CREA MG: 224/188/D	
ÁREAS:		RRT Nº:	
- ÁREA PAVIMENTO TERREJO: 1.200,00 M²			
- ÁREA SUB-SOLO (CONSTRUÍDA): 714,00 M²			
- ÁREA TOTAL EDIFICADA: 1.348,74 M²		PROPOSTA Nº:	
- ÁREA TOTAL (INCLUSO PILOTIS) = 1.914,00 M²			
DATA:		MARÇO/2020	
CONTEÚDO:		ESCALA:	
VIGAS NÍVEL MERCADO		INDICADA	