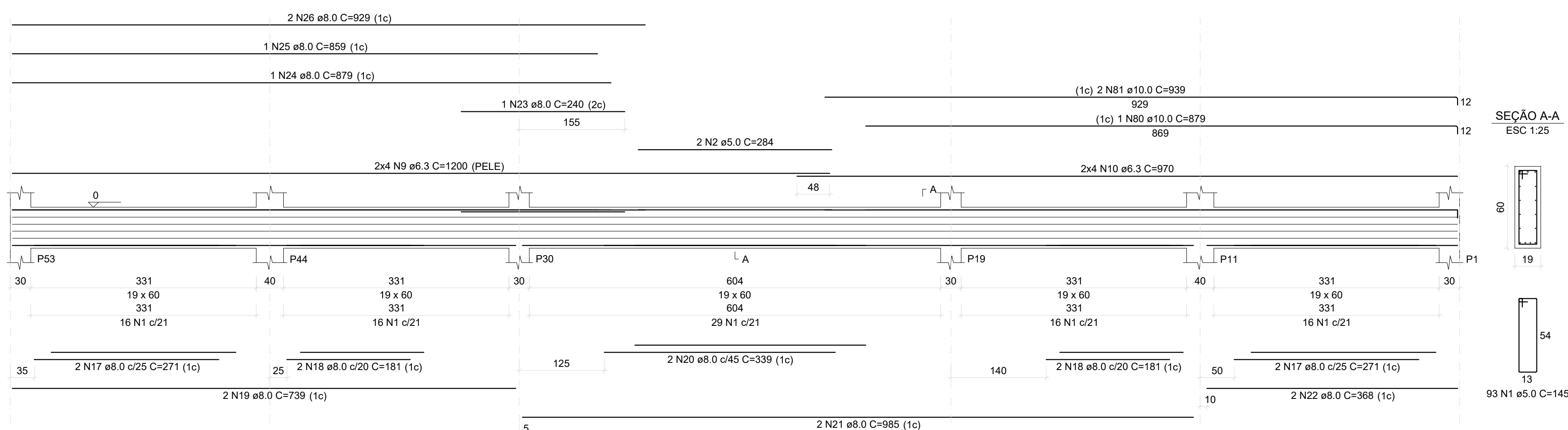


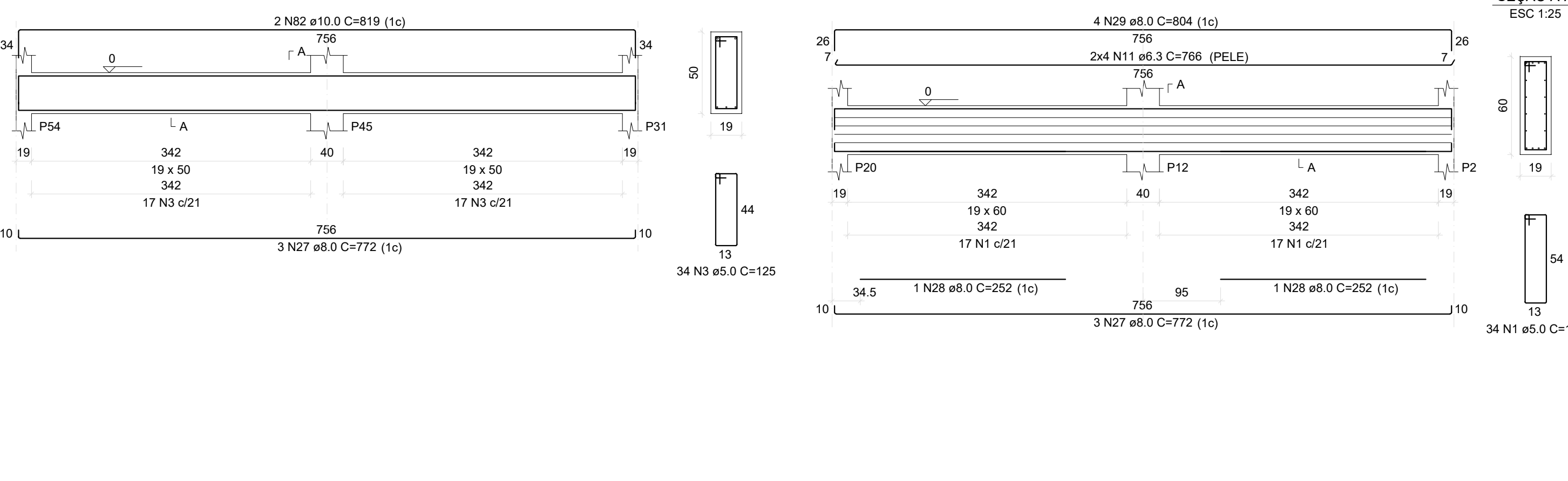
VB18

ESC 1:50



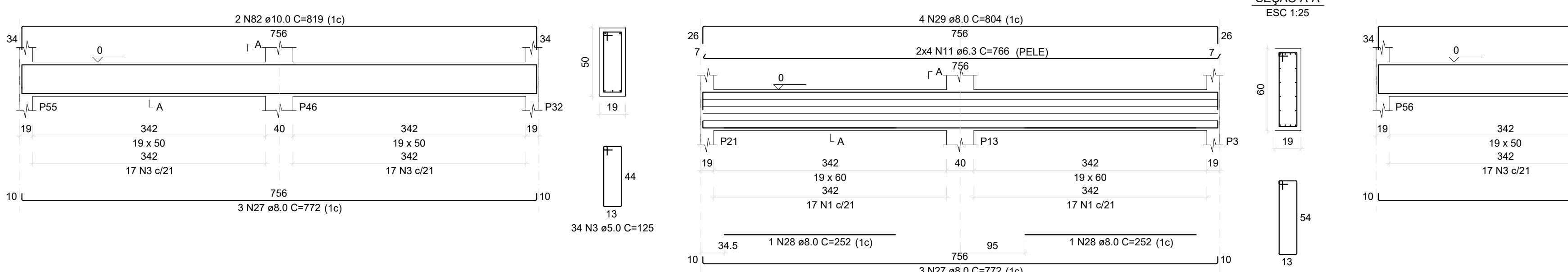
VB19

ESC 1:50



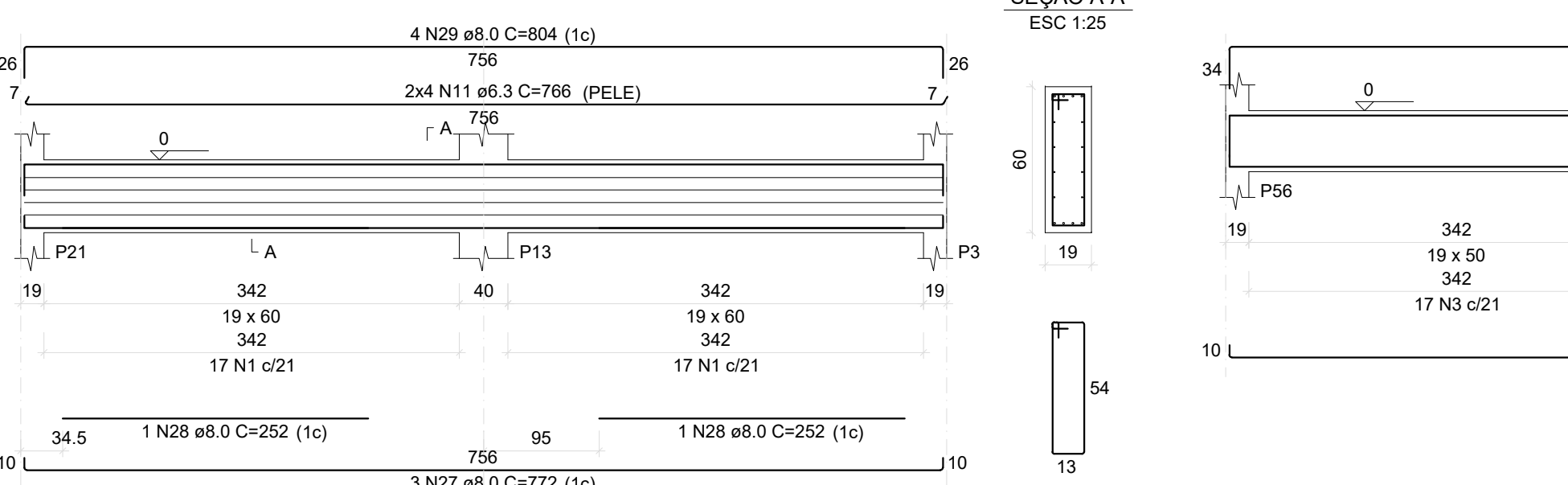
VB21

ESC 1:50



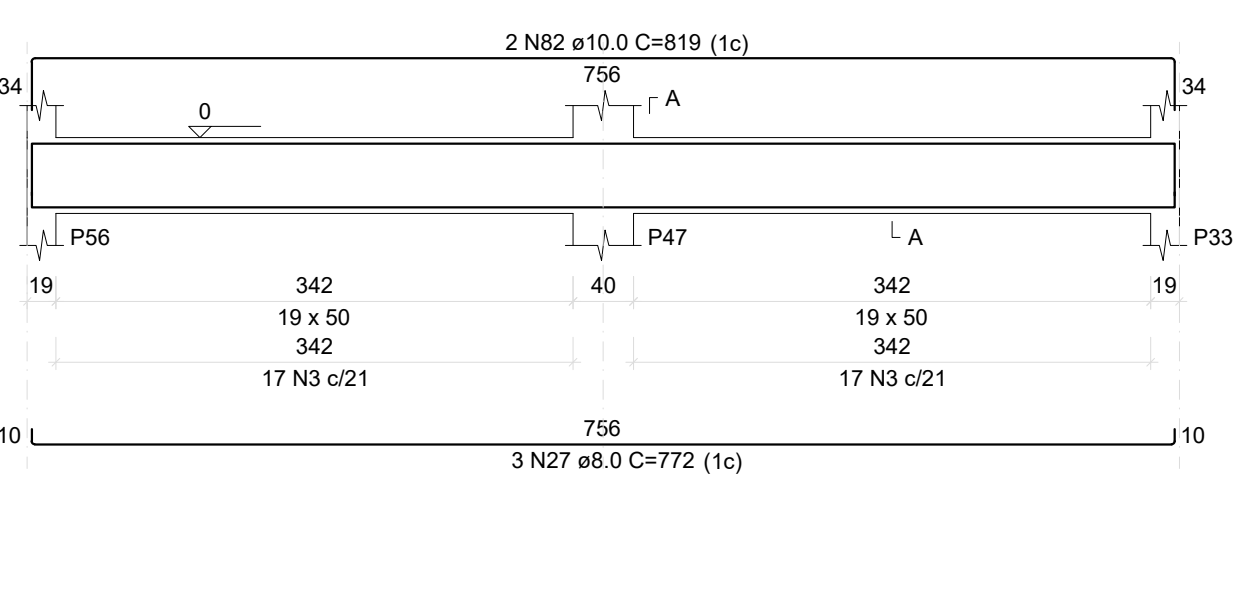
VB22

ESC 1:50



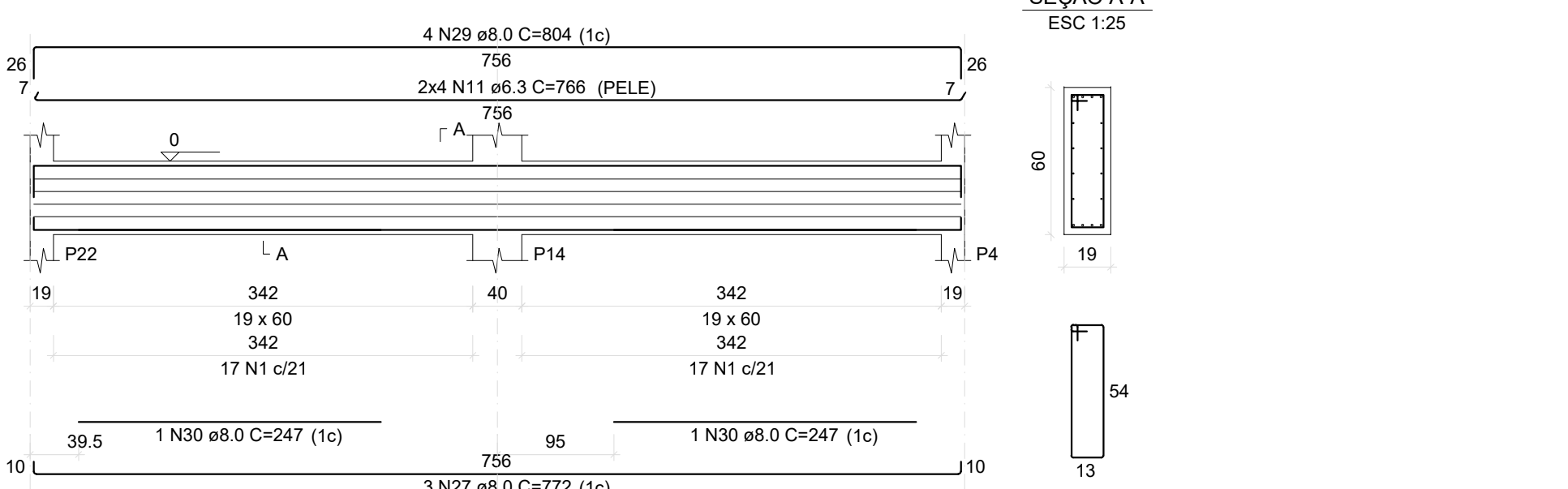
VB23

ESC 1:50



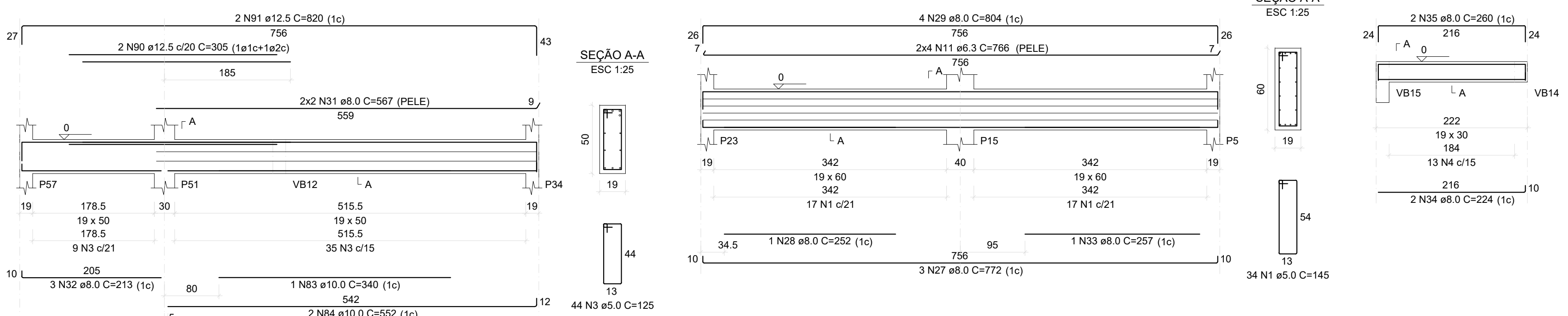
VB24

ESC 1:50



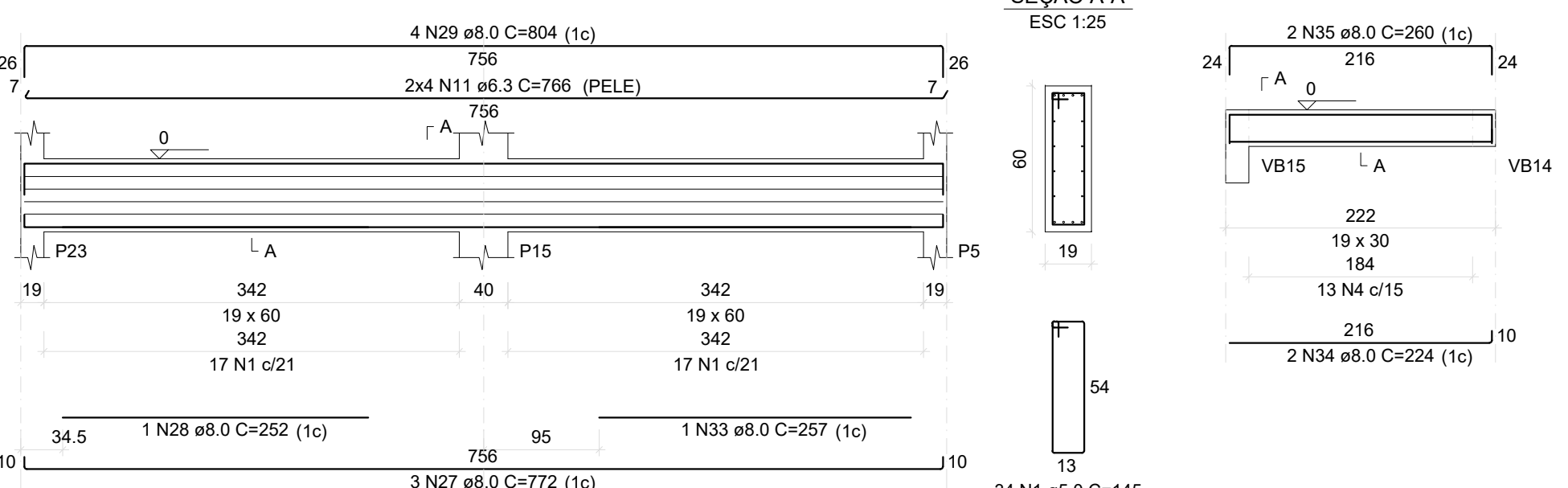
VB25

ESC 1:50



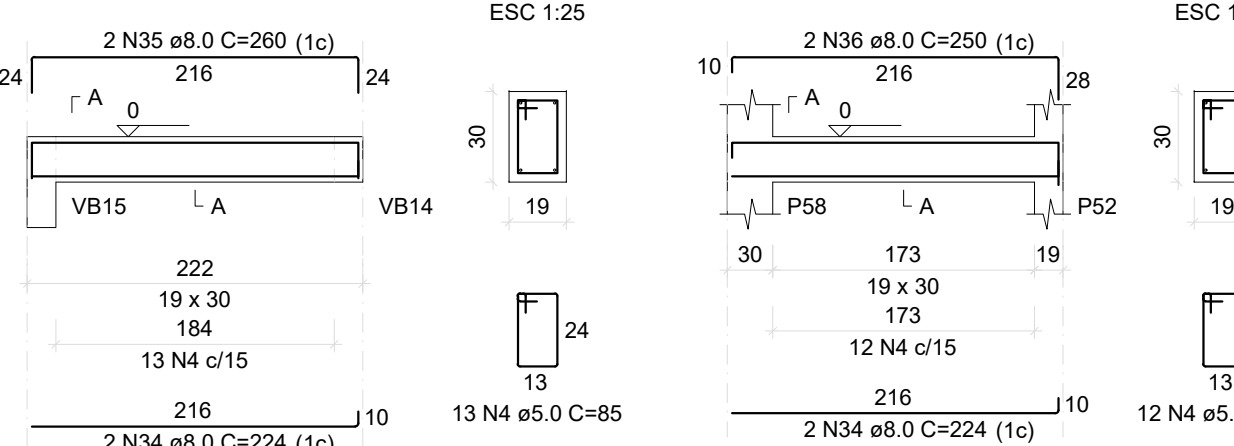
VB26

ESC 1:50



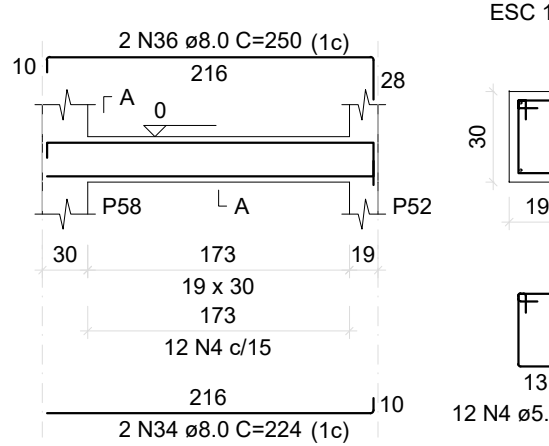
VB27

ESC 1:50



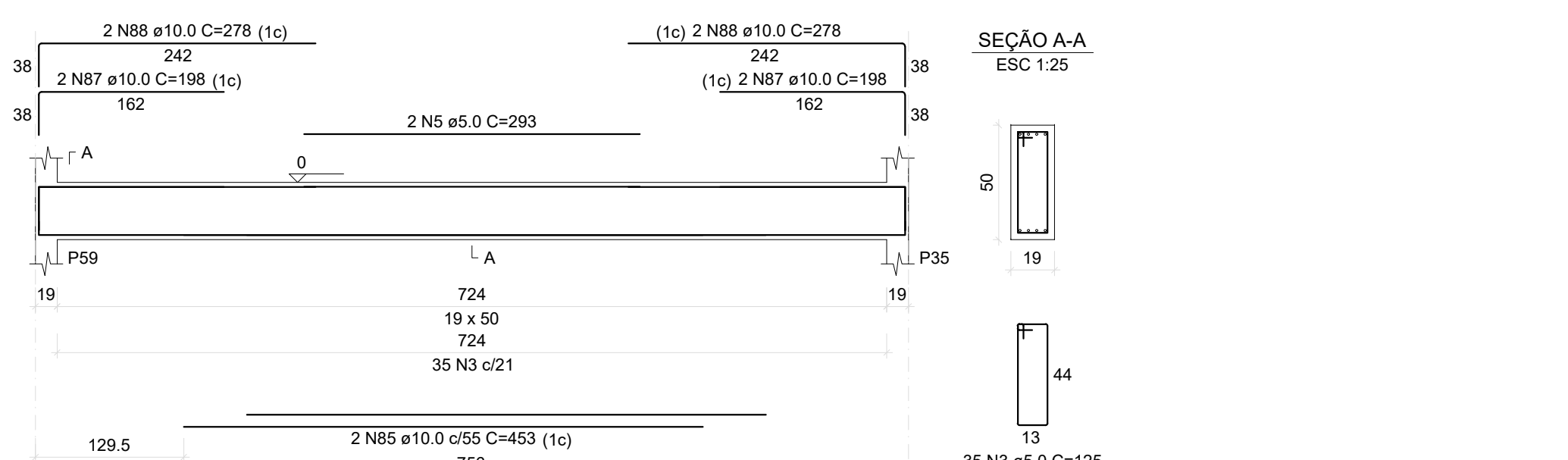
VB28

ESC 1:50



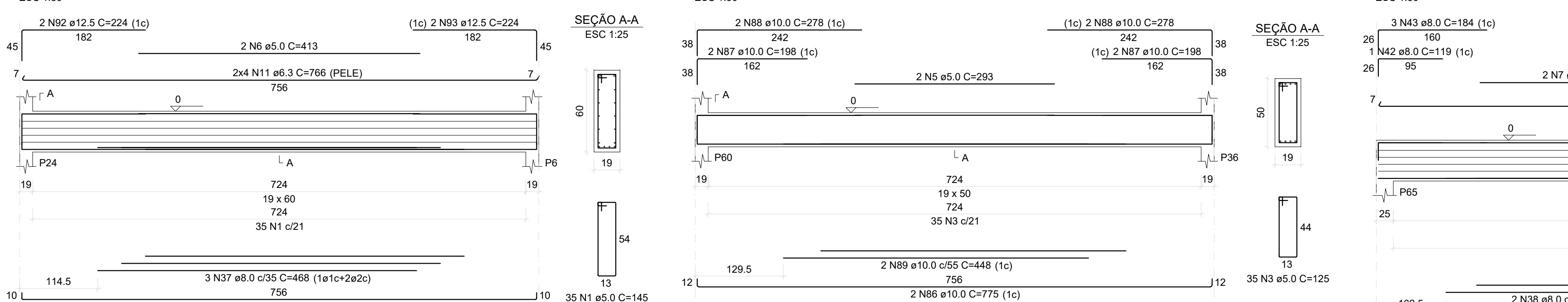
VB29

ESC 1:50



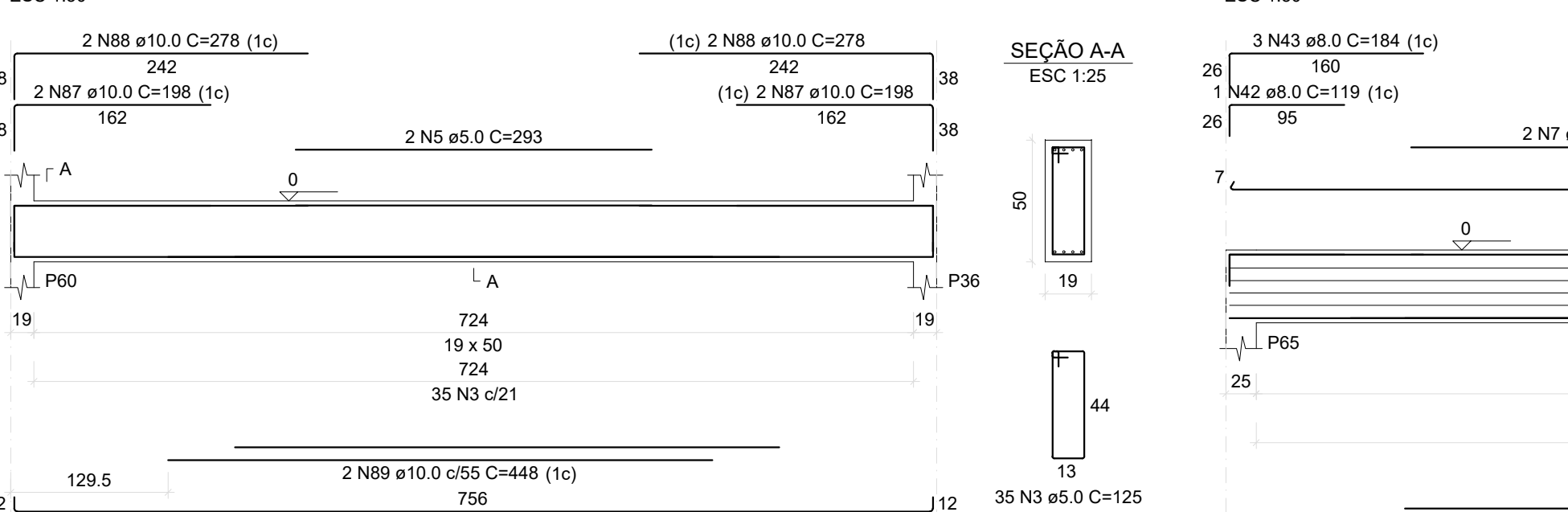
VB30

ESC 1:50



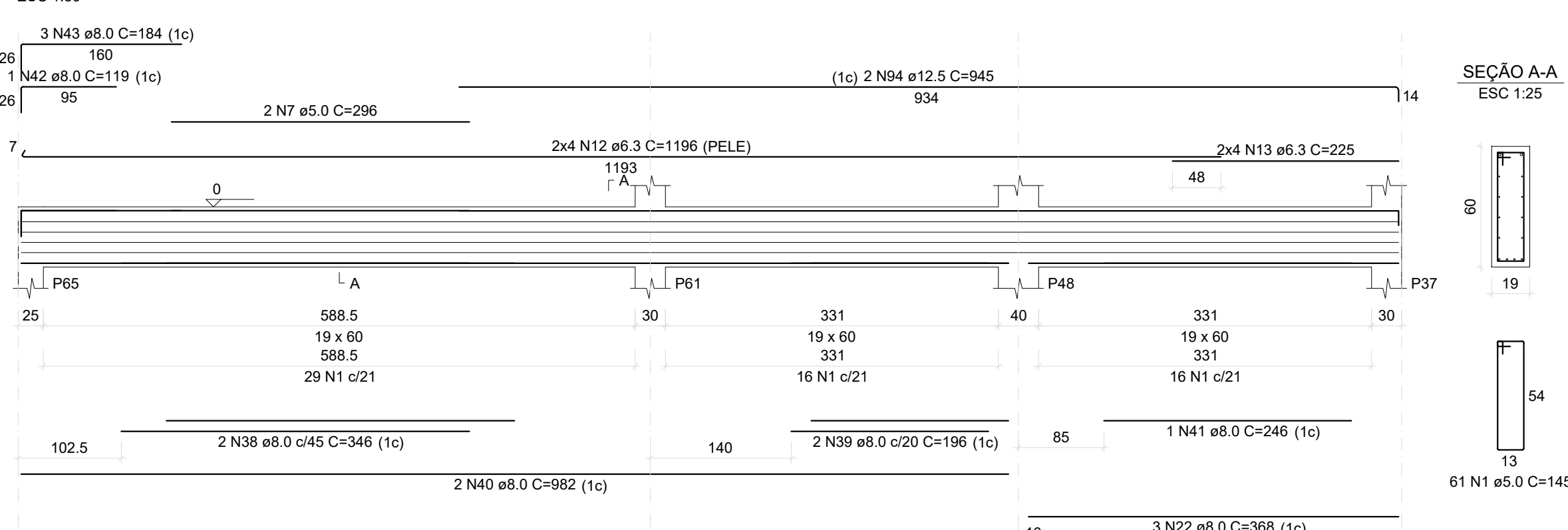
VB31

ESC 1:50



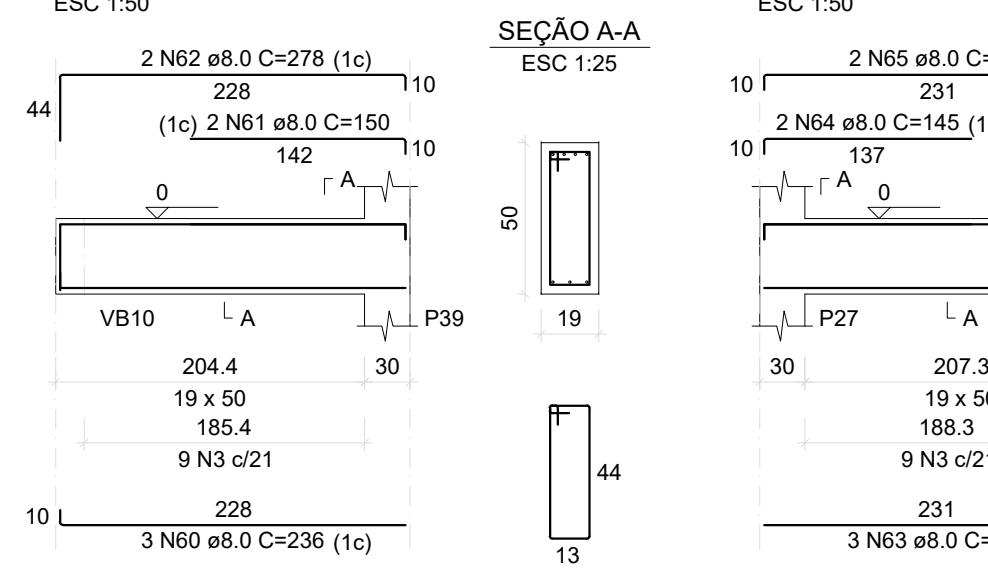
VB32

ESC 1:50



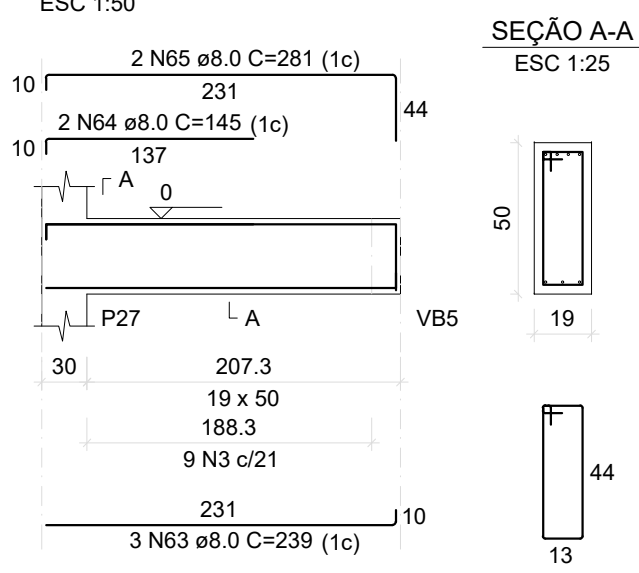
VB36

ESC 1:50



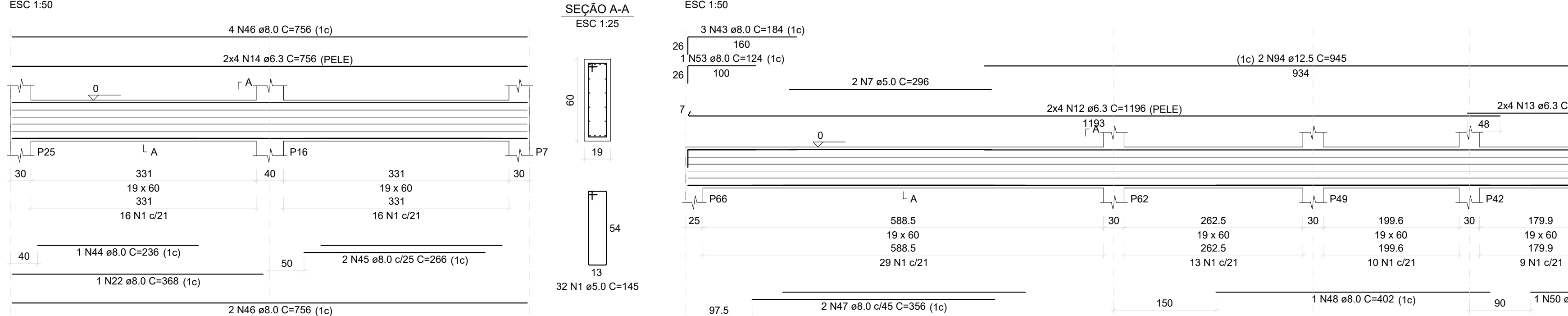
VB37

ESC 1:50



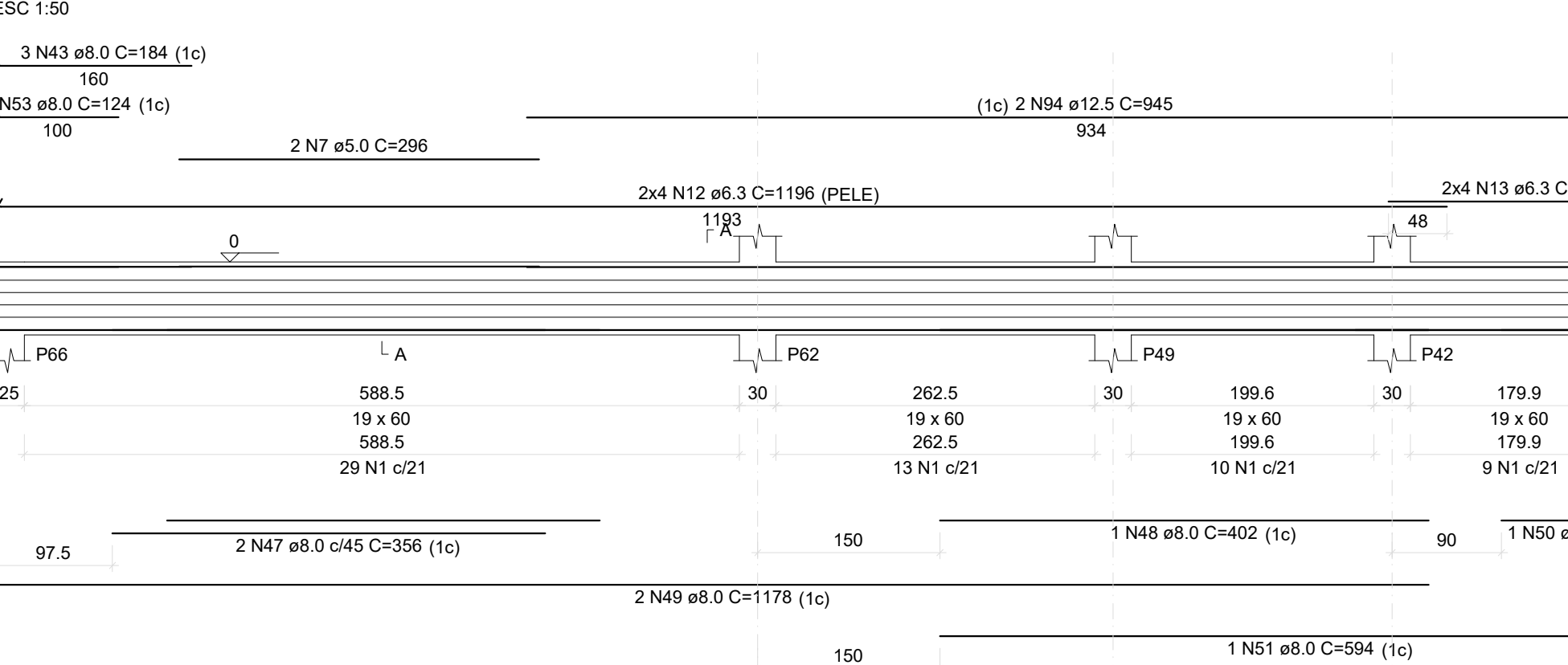
VB33

ESC 1:50



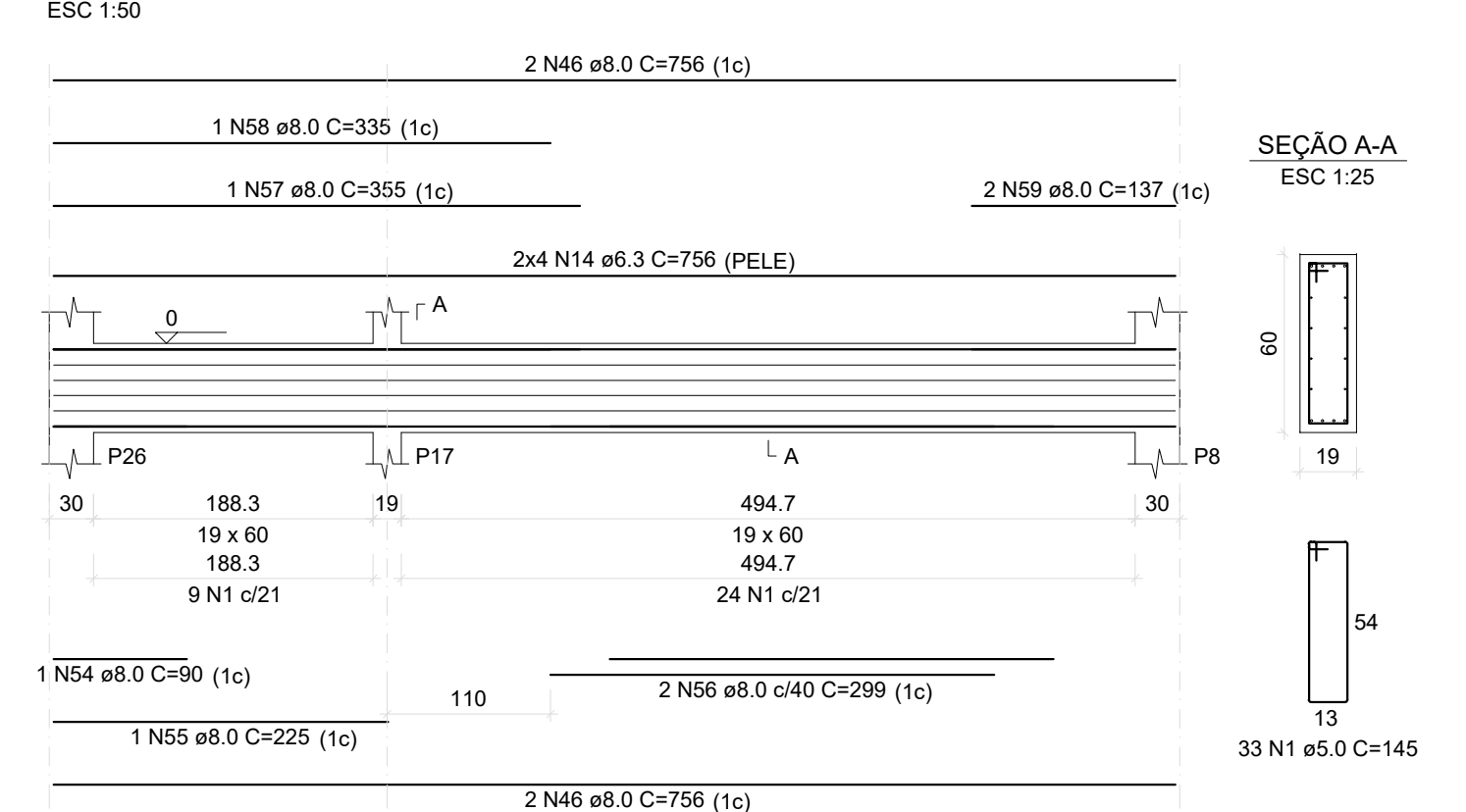
VB34

ESC 1:50



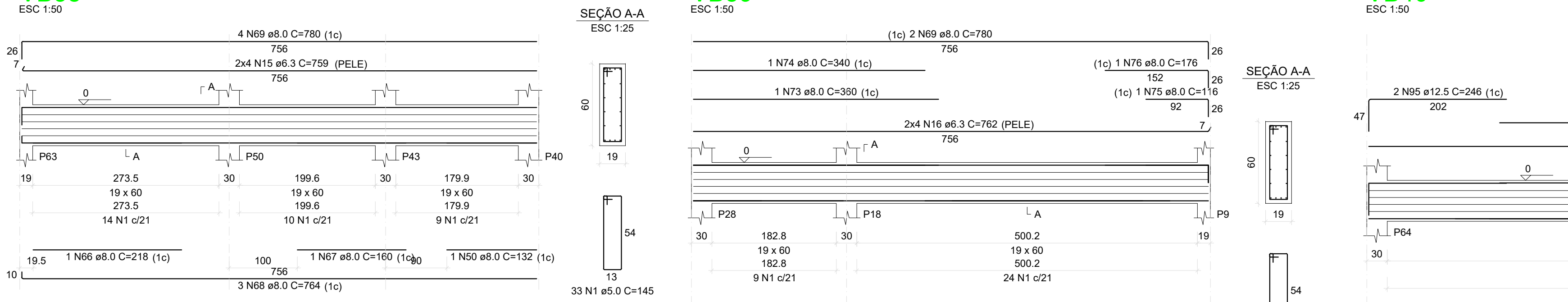
VB35

ESC 1:50



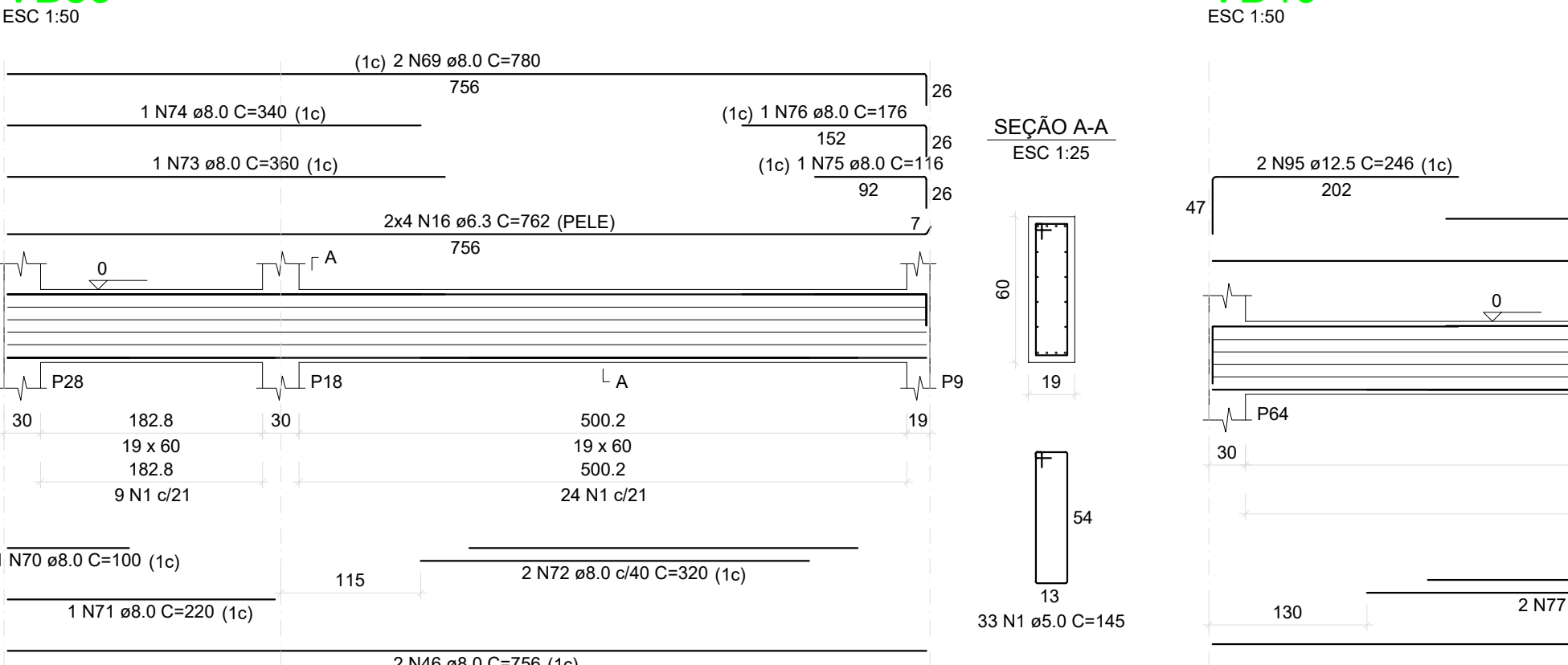
VB38

ESC 1:50



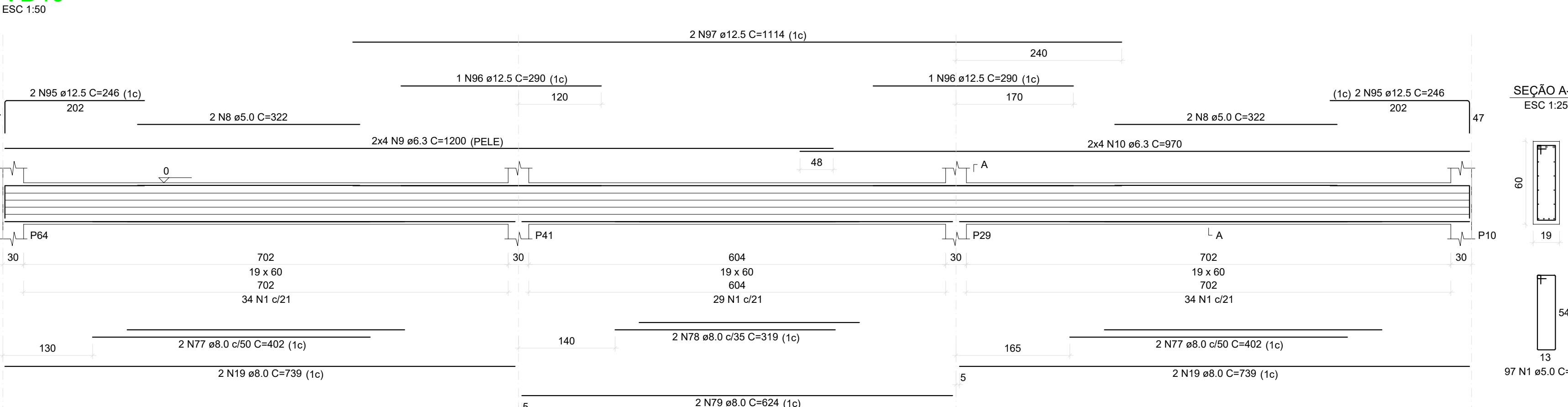
VB39

ESC 1:50



VB40

ESC 1:50



RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C UNIT (cm)	C TOTAL (cm)
VB18	VB19	VB20			
VB21	VB22	VB23			
VB24	VB25	VB26			
VB27	VB28	VB29			
VB30	VB31	VB32			
VB33	VB34	VB35			
VB36	VB37	VB38			
VB39	VB40				
CA50	1	5.0	614	145	89030
	2	5.0	2	284	568
	3	5.0	234	125	29250
	4	5.0	25	85	2125
	5	5.0	4	253	1172
	6	5.0	2	413	826
	7	5.0	4	236	1184
	8	5.0	4	322	1288
	9	6.3	16	1200	19200
	10	6.3	16	870	13920
	11	6.3	40	766	30640
	12	6.3	16	1196	19136
	13	6.3	16	225	3600
	14	6.3	16	756	12096
	15	6.3	8	759	6072
	16	6.3	8	762	6096
	17	8.0	4	271	1084
	18	8.0	4	182	728
	19	8.0	6	739	4434
	20	8.0	2	339	678
	21	8.0	6	985	5910
	22	8.0	2	369	738
	23	8.0	1	240	240
	24	8.0	1	879	879
	25	8.0	6	859	5154
	26	8.0	2	929	1858
	27	8.0	24	772	18528
	28	8.0	2	262	1260
	29	8.0	16	804	12864
	30	8.0	2	247	494
	31	8.0	4	561	2244
	32	8.0	4	213	852
	33	8.0	4	224	896
	34	8.0	4	260	1040
	35	8.0	2	460	920
	36	8.0	2	346	692
	37	8.0	2	186	372
	38	8.0	2	182	364
	39	8.0	2	182	364
	40	8.0	2	182	364
	41	8.0	2	244	488
	42	8.0	1	119	119
	43	8.0	6	184	1104
	44	8.0	1	236	236
	45	8.0	12	266	3192
	46	8.0	1	359	359
	47	8.0	1	402	402
	48	8.0	1	1175	1175
	49	8.0	2	132	264
	50	8.0	2	150	300
	51	8.0	2	252	504
	52	8.0	2	124	248
	53	8.0	1	90	90
	54	8.0	1	222	222
	55	8.0	2	299	598
	56	8.0	1	359	359
	57	8.0	1	335	335
	58	8.0	1	137	137
	59	8.0	3	236	708
	60	8.0	3	137	411
	61	8.0	2	279	558
	62	8.0	2	239	478
	63	8.0	2	145	290
	64	8.0	2	251	502
	65	8.0	1	218	218
	66	8.0	1	169	169
	67	8.0	3	764	2292
	68	8.0	3	764	2292
	69	8.0	6	789	4734
	70	8.0	1	100	100
	71	8.0	1	220	220
	72	8.0	2	320	640
	73	8.0	2	360	720
	74	8.0	1	340	340
	75	8.0	1	330	330
	76	8.0	1	176	176
	77	8.0	4	402	1608
	78	8.0	2	319	638
	79	8.0	2	624	1248
	80	10.0	1	879	879
	81	10.0	2	939	1878
	82	10.0	6	819	4914
	83	10.0	2	340	680
	84	10.0	2	552	1104
	85	10.0	2	453	906
	86	10.0	4	775	3100
	87	10.0	8	158	1264
	88	10.0	8	278	2224
	89	10.0	2	448	896
	90	12.5	2	305	610
	91	12.5	2	820	1640
	92	12.5	2	224	448
	93	12.5	2	224	448
	94	12.5	4	545	2180
	95	12.5	4	246	984
	96	12.5	2	290	580
	97	12.5	2	1114	2228

RESUMO DO AÇO

ACO	DIAM (mm)	C TOTAL (cm)	PESO = 10% (kg)
CA50	6.3	1123.6	302.4
	8.0	910.9	297.9
	10.0	179.3	120.9
	12.5	107.2	113.6
CA80	5.0	1254.4	212.7

PESO TOTAL (kg)

CA50 302.4

CA80 212.7

Volume de concreto (C-25) = 18.98 m³

Área de forma = 233.37 m²

ESTADO DE MATO GROSSO PREFEITURA MUNICIPAL DE BARRA DO GARÇAS <small>Rua Comendador João de Deus, 100 - CEP 16.000-000</small>		SECRETARIA MUNICIPAL DE PLANEJAMENTO URBANO E OBRAS 11/13
OBR.: CONSTRUÇÃO DE UNIDADE ESCOLAR COM QUADRA POLIESPORTIVA DA ESCOLA MUNICIPAL DOM JOSE BELVA CORRETO: PROJETO ESTRUTURAL IMPLANTADO GERAL DETALHE DAS VIGAS BALANÇAS LOCAL: RUA INDEPENDÊNCIA, 30 FOR CAMPINAS BARRA DO GARÇAS - MT Proprietário: Prefeitura Municipal Barra do Garças Representante: Autor do projeto		COORDENADAS: 15° 53' 15,49" S, 52° 18' 57,83" O APROVAÇÃO
Área Construída: CAD	Dimensionado: JANEIRO/2023	Emissão: INDICADA