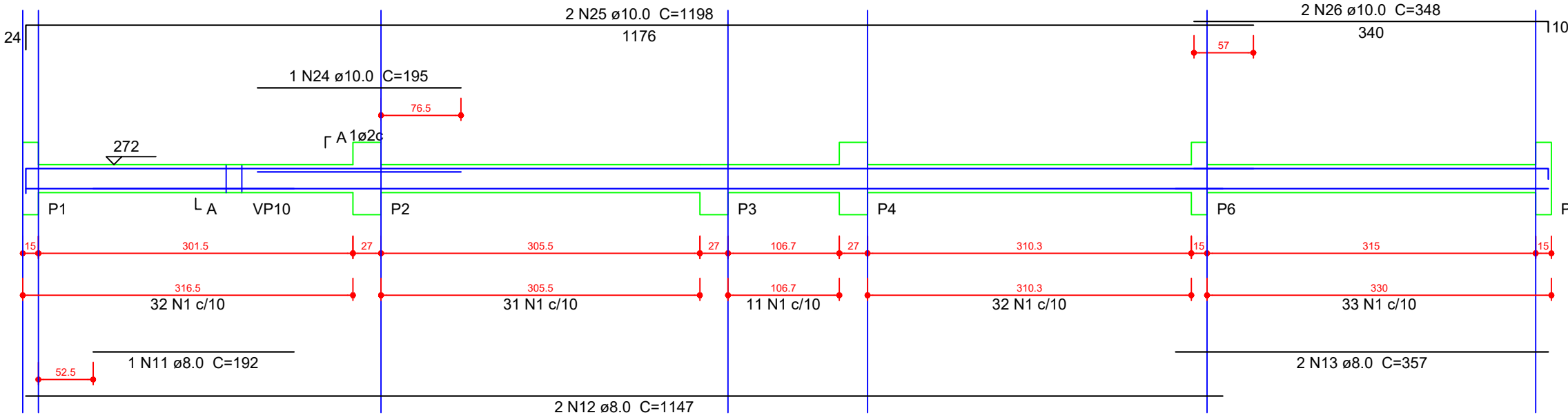


VIGAS DO PISO SUPERIOR

ESCALA1:50 E 1:25

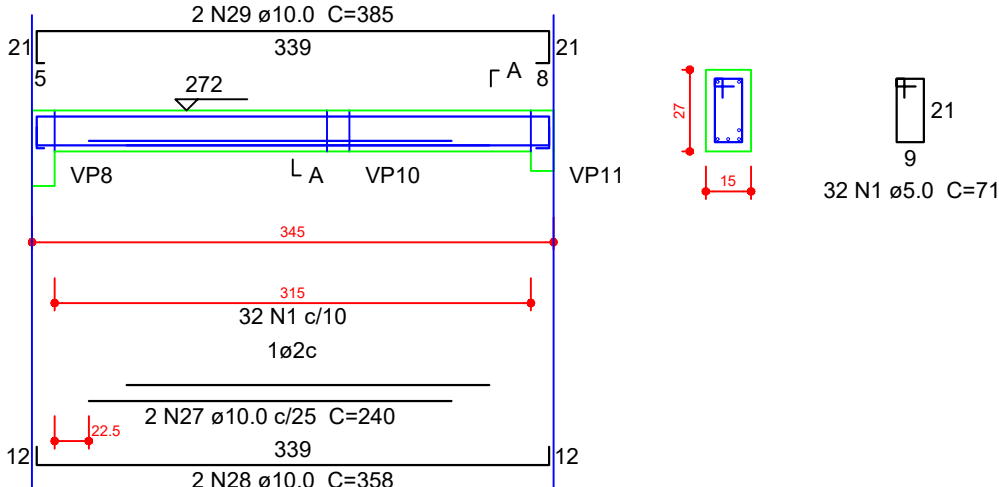
VP1 (15 x 27)

ESC 1:50



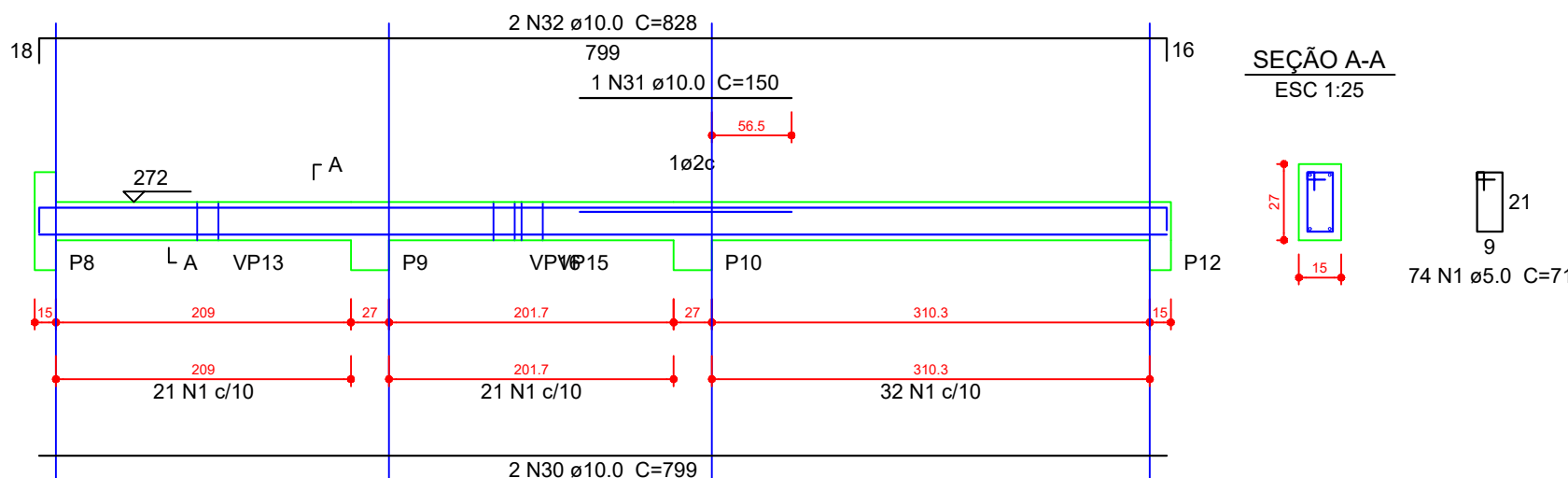
VP2 (15 x 27)

ESC 1:50



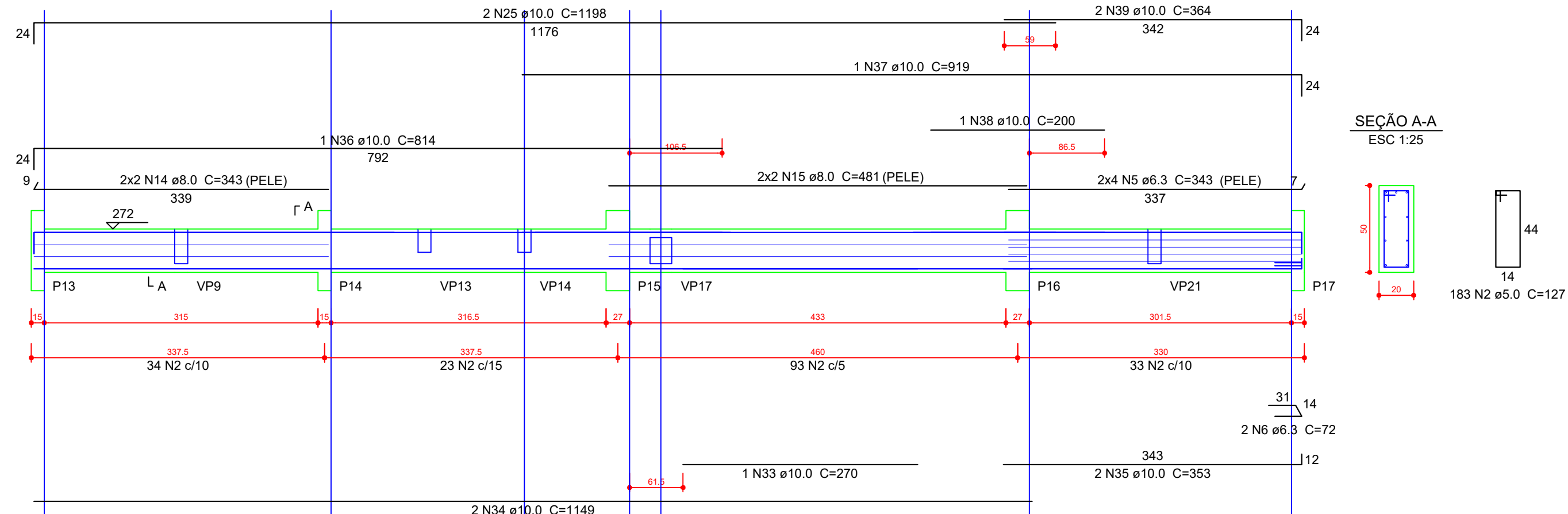
VP3 (15 x 27)

ESC 1:50



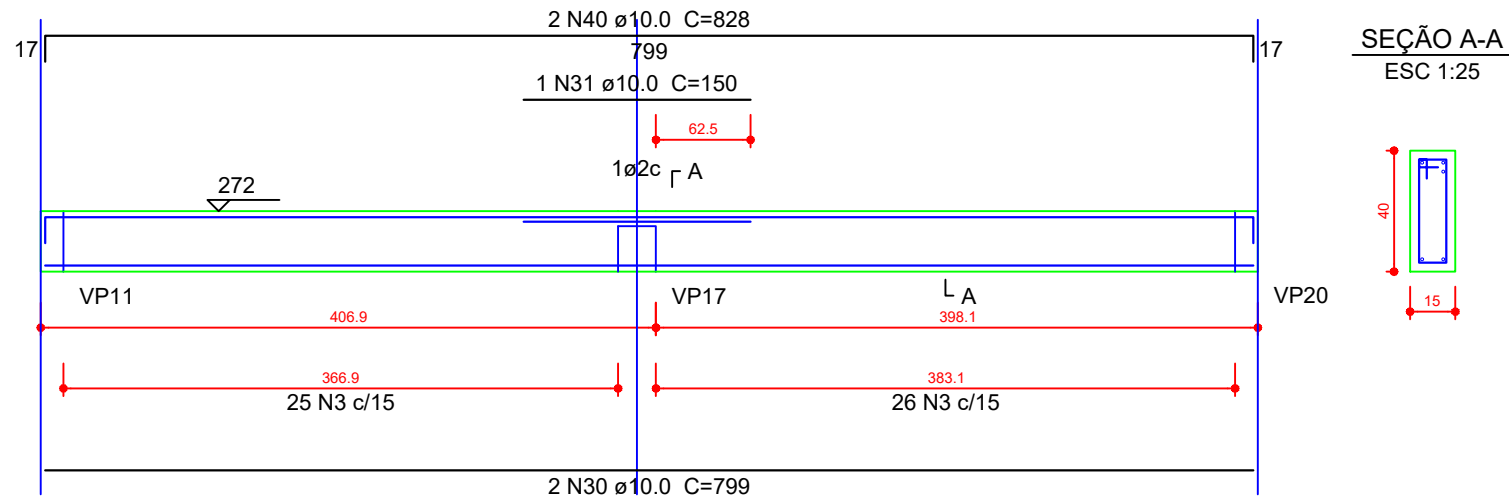
VP4 (20 x 50)

ESC 1:50



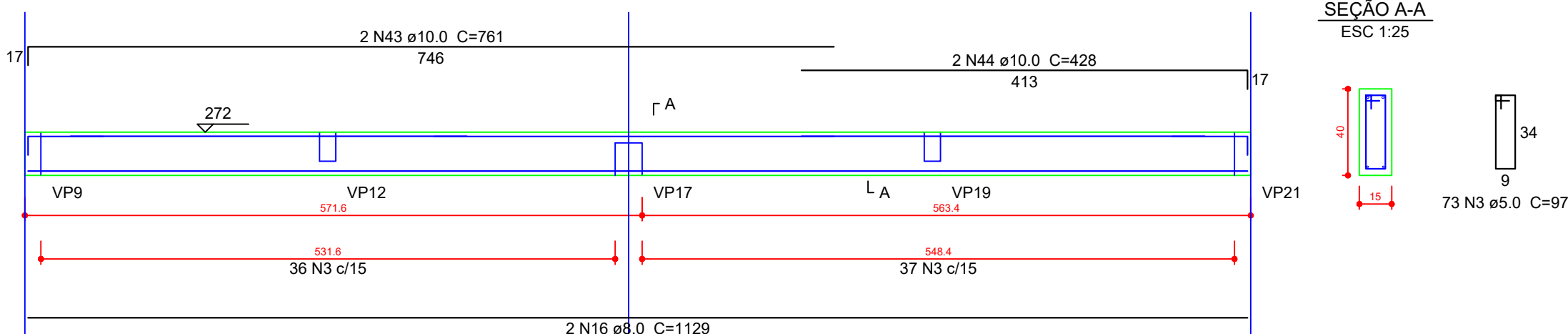
VP5 (15 x 40)

ESC 1:50



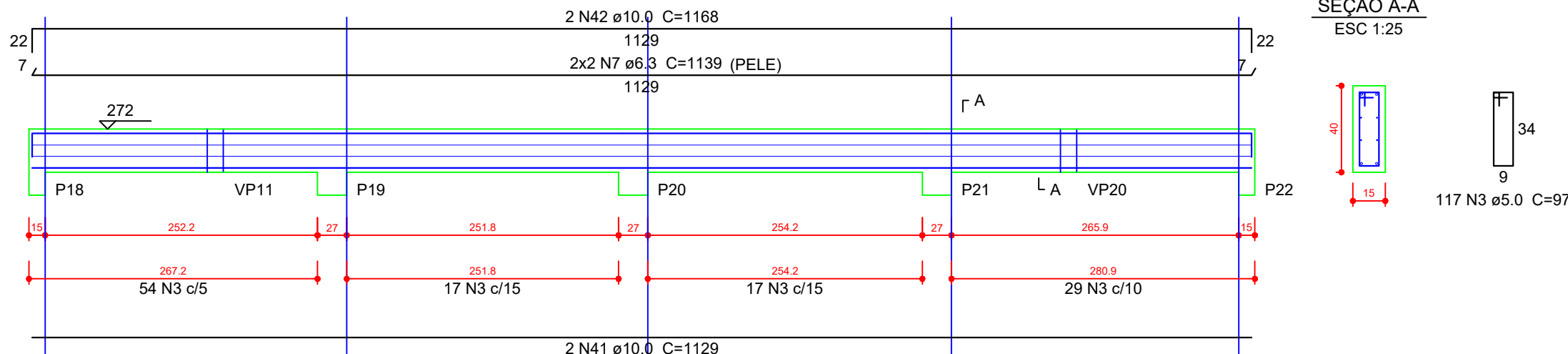
VP7 (15 x 40)

ESC 1:50



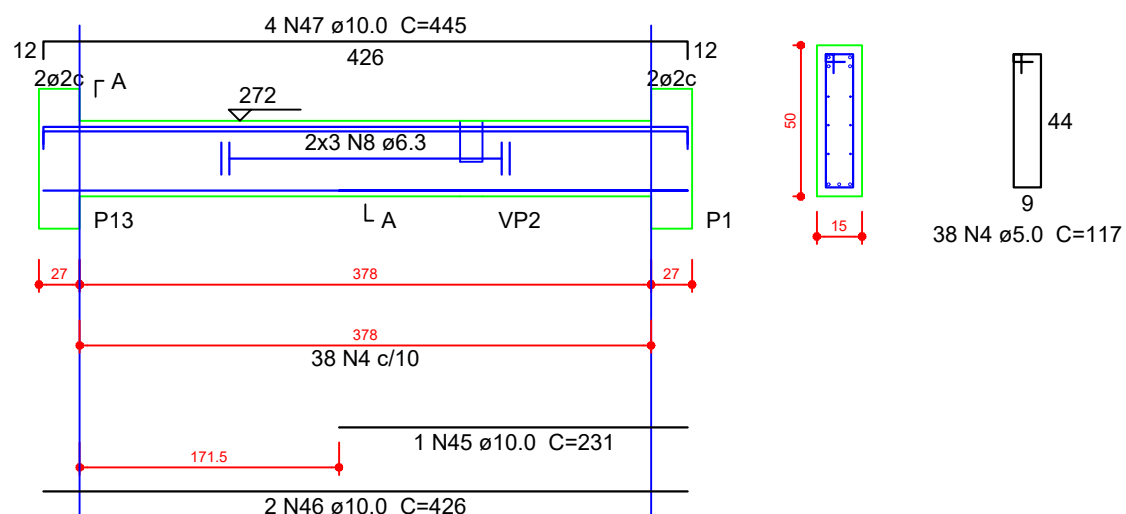
VP6 (15 x 40)

ESC 1:50



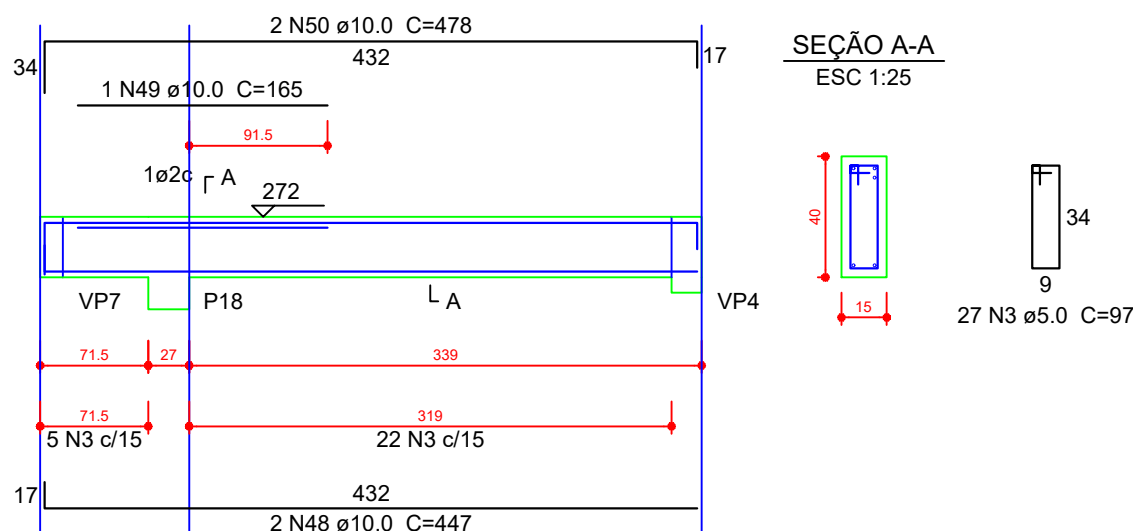
VP8 (15 x 50)

ESC 1:50



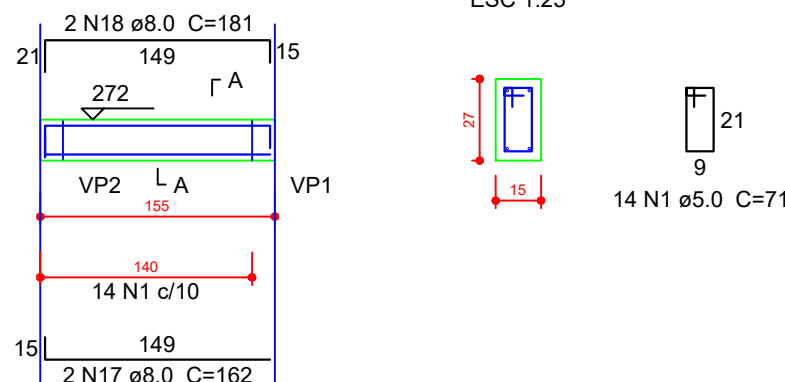
VP9 (15 x 40)

ESC 1:50



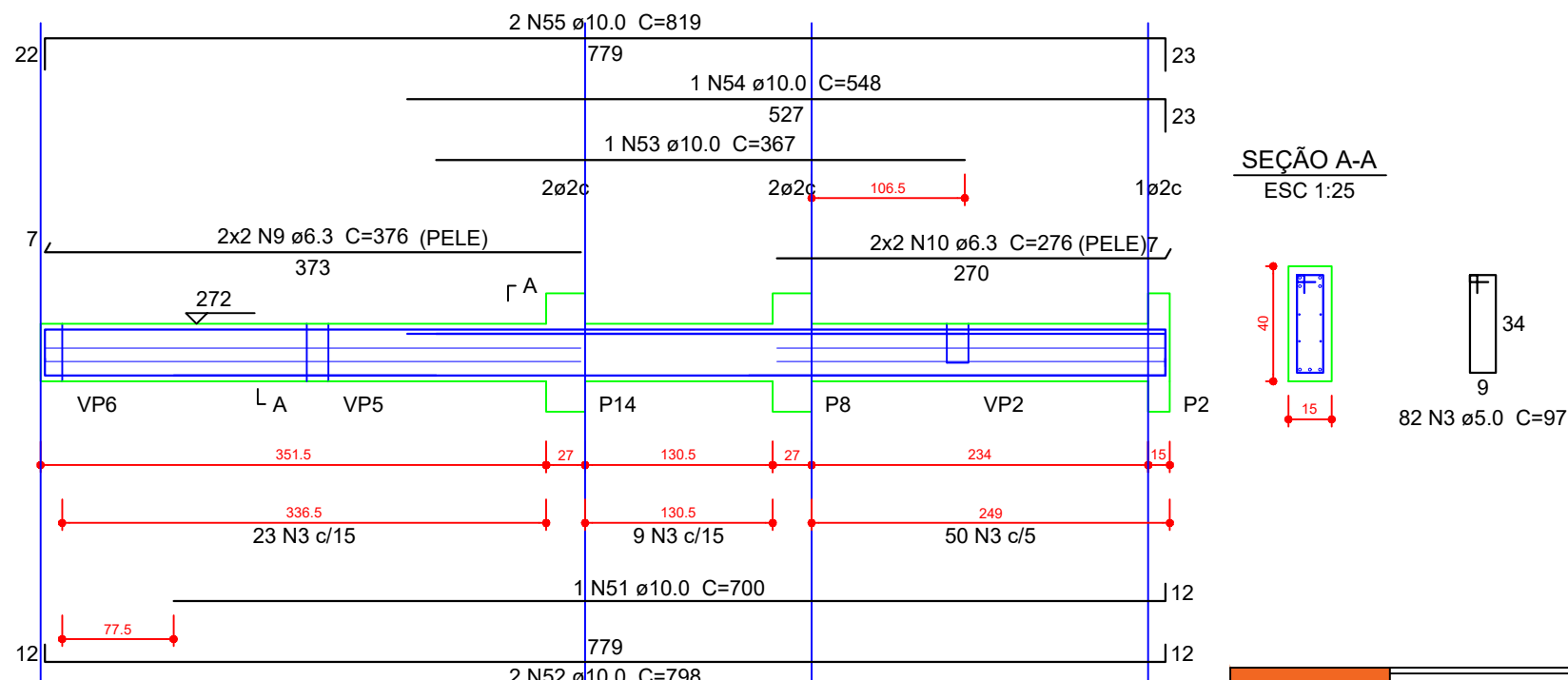
VP10 (15 x 27)

ESC 1:50



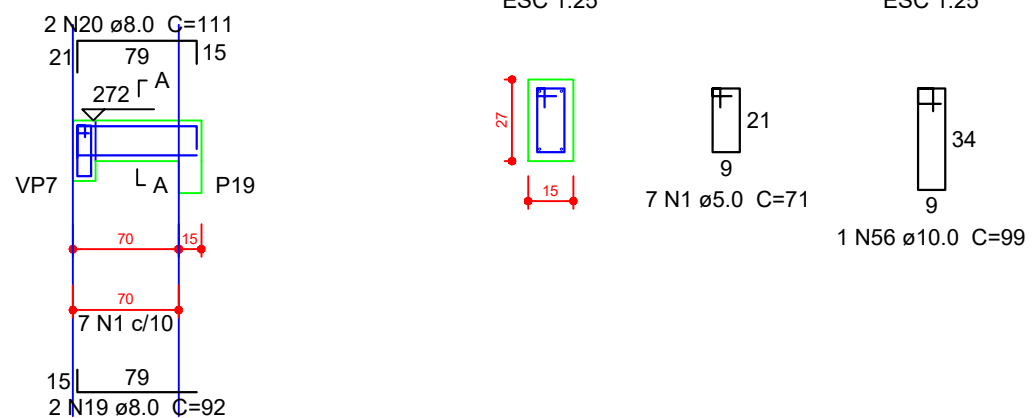
VP11 (15 x 40)

ESC 1:50



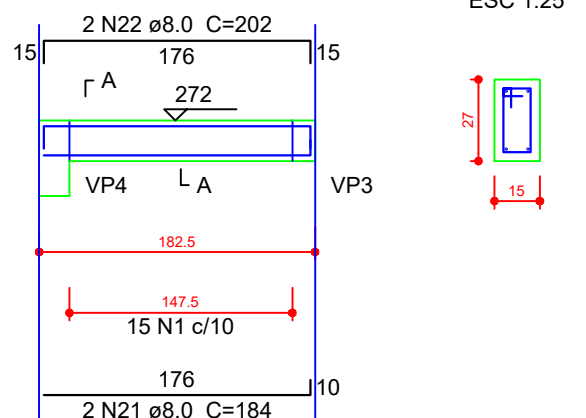
VP12 (15 x 27)

ESC 1:50



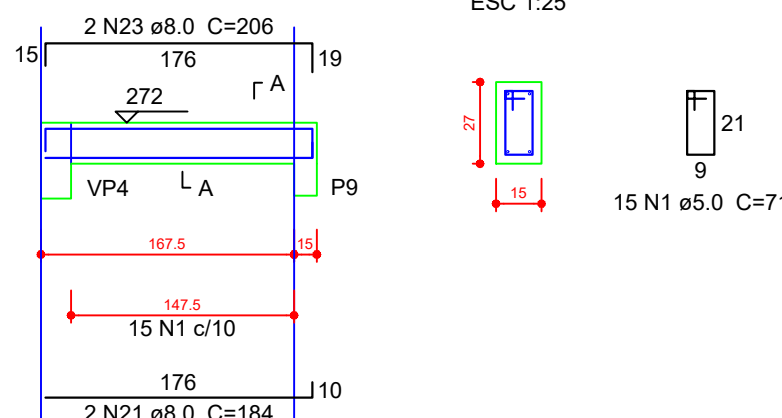
VP13 (15 x 27)

ESC 1:50



VP14 (15 x 27)

ESC 1:50



Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
VP1	1	5.0	296	71	21016
VP4	2	5.0	183	127	23241
VP7	3	5.0	350	97	33950
VP10	4	5.0	38	117	4446
VP13	5	6.3	8	343	2744
VP5	6	6.3	2	72	144
VP8	7	6.3	4	1139	4556
VP9	8	6.3	6	CORR	2556
VP11	9	6.3	4	376	1504
VP14	10	6.3	4	276	1104
VP2	11	8.0	1	192	192
VP3	12	8.0	2	1147	2294
VP6	13	8.0	2	357	714
VP12	14	8.0	4	343	1372
	15	8.0	4	481	1924
	16	8.0	2	1129	2258
	17	8.0	2	162	324
	18	8.0	2	181	362
	19	8.0	2	92	184
	20	8.0	2	111	222
	21	8.0	4	184	736
	22	8.0	2	202	404
	23	8.0	2	206	412
	24	10.0	1	195	195
	25	10.0	4	1198	4792
	26	10.0	2	348	696
	27	10.0	2	240	480
	28	10.0	2	358	716
	29	10.0	2	385	770
	30	10.0	4	799	3196
	31	10.0	2	150	300
	32	10.0	2	828	1656
	33	10.0	1	270	270
	34	10.0	2	1149	2298
	35	10.0	2	353	706
	36	10.0	1	814	814
	37	10.0	1	919	919
	38	10.0	1	200	200
	39	10.0	2	364	728
	40	10.0	2	828	1656
	41	10.0	2	1129	2258
	42	10.0	2	1168	2336
	43	10.0	2	761	1522
	44	10.0	2	428	856
	45	10.0	1	231	231
	46	10.0	2	426	852
	47	10.0	4	445	1780
	48	10.0	2	447	894
	49	10.0	1	165	165
	50	10.0	2	478	956
	51	10.0	1	700	700
	52	10.0	2	798	1596
	53	10.0	1	367	367
	54	10.0	1	548	548
	55	10.0	2	819	1638
	56	10.0	1	99	99

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	126.1	33.9
CA50	8.0	114	49.5
CA60	10.0	371.9	252.2
CA60	5.0	826.6	140.1
PESO TOTAL (kg)			
CA50		335.6	
CA60		140.1	

Volume de concreto (C-25) = 5.32 m³
Área de forma = 60.76 m²

PROJETO ESTRUTURAL - CABINES

CABINES DE NARRAÇÃO,
ARQUIBANCADA E BANCO DE RESERVA

prancha: 07/16
VIGAS DO PISO SUPERIOR

ENGENHEIRA CIVIL - CREA/PR-166.456/0

DATA: 07/16/2008 ESCALA: INDICADA DESENHO: 01 SET: 01

PROJETO