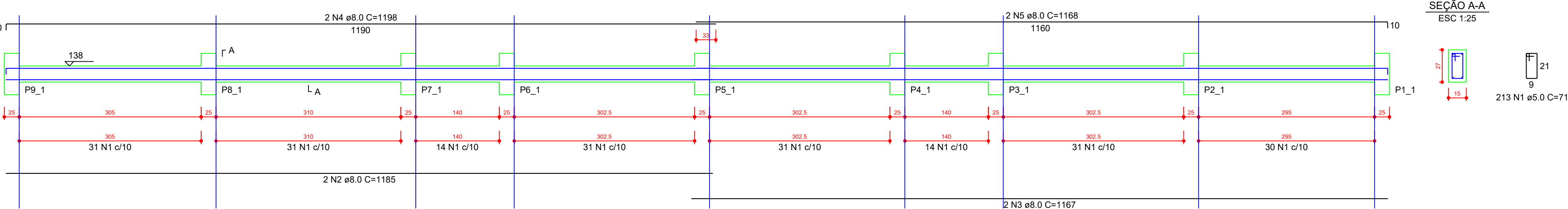


VIGAS DA CIRCULAÇÃO 1
ESCALA1:50 E 1:25

VPA1_1 (15 x 27)



RELAÇÃO DO AÇO

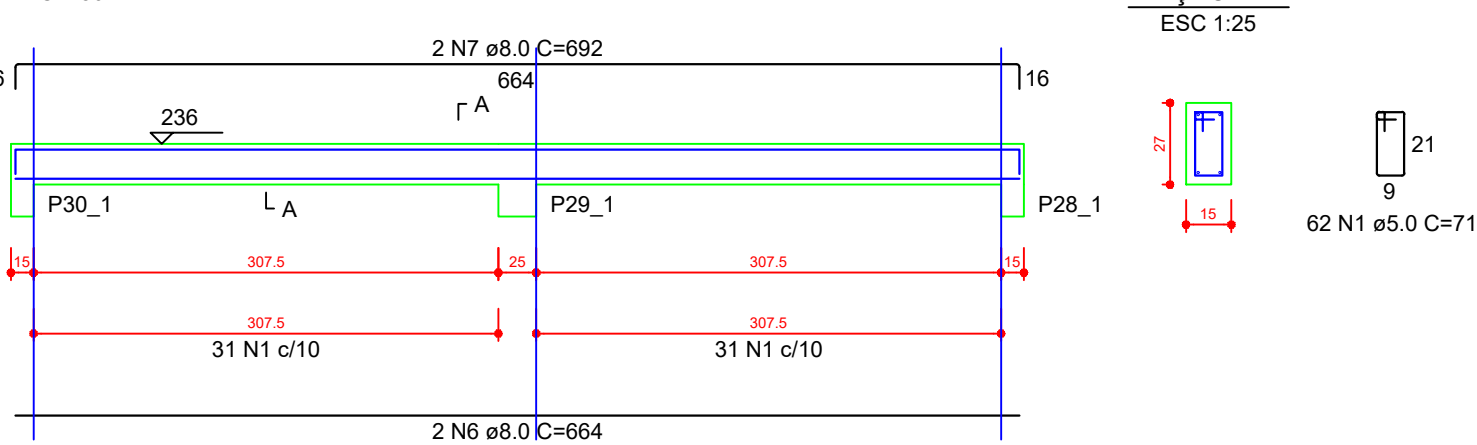
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
VPA1_1	1	5.0	1075	71	76325
VPA2_1	2	8.0	6	1185	7110
VPA3_1	3	8.0	2	1167	2334
VPA4_1	4	8.0	2	1198	2396
VPA5_1	5	8.0	2	1168	2336
VPA6_1	6	8.0	8	664	5312
VPA7_1	7	8.0	8	692	5536
VPA8_1	8	8.0	4	679	2716
VPA9_1	9	8.0	4	707	2828
VPA10_1	10	8.0	2	1175	2350
VPA11_1	11	8.0	4	1198	4702
VPA12_1	12	8.0	2	1197	2394
VPA13_1	13	8.0	2	674	1348
VPA14_1	14	8.0	2	705	1410
VPA15_1	15	8.0	2	520	1040
VPA16_1	16	8.0	1	110	110
VPA17_1	17	8.0	2	548	1096
VPA18_1	18	8.0	2	197	394
VPA19_1	19	8.0	2	225	450
VPA20_1	20	8.0	2	224	448
VPA21_1	21	8.0	2	244	488
VPA22_1	22	8.0	4	104	416
VPA23_1	23	8.0	2	132	264
VPA24_1	24	8.0	2	128	256

RESUMO DO AÇO

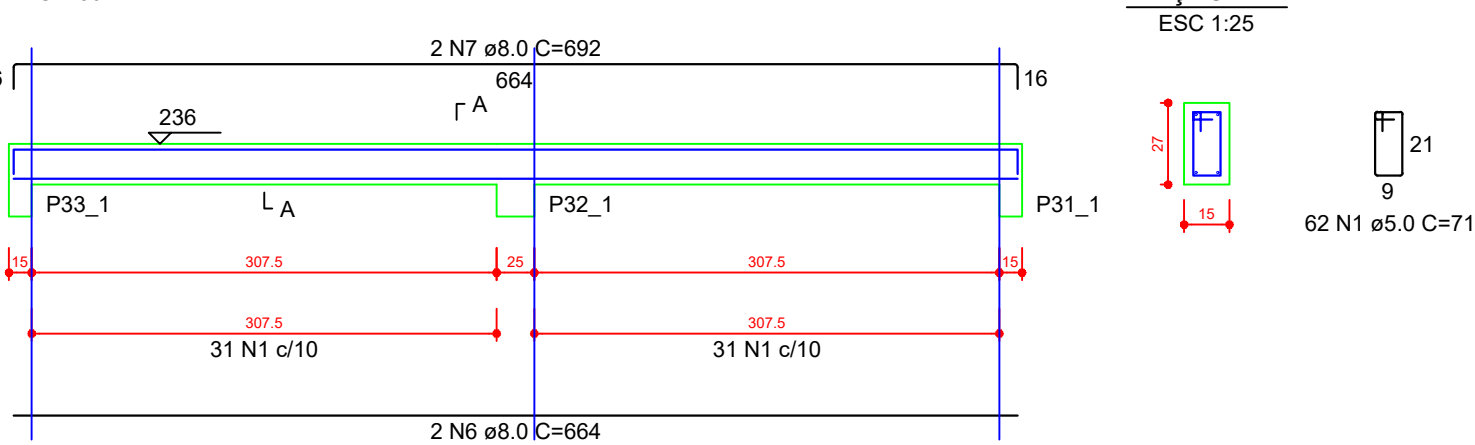
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	478.2	207.6
CA60	5.0	763.3	129.4
PESO TOTAL (kg)			
CA50		207.6	
CA60		129.4	

Volume de concreto (C-30) = 4.26 m³
Área de forma = 57.50 m²

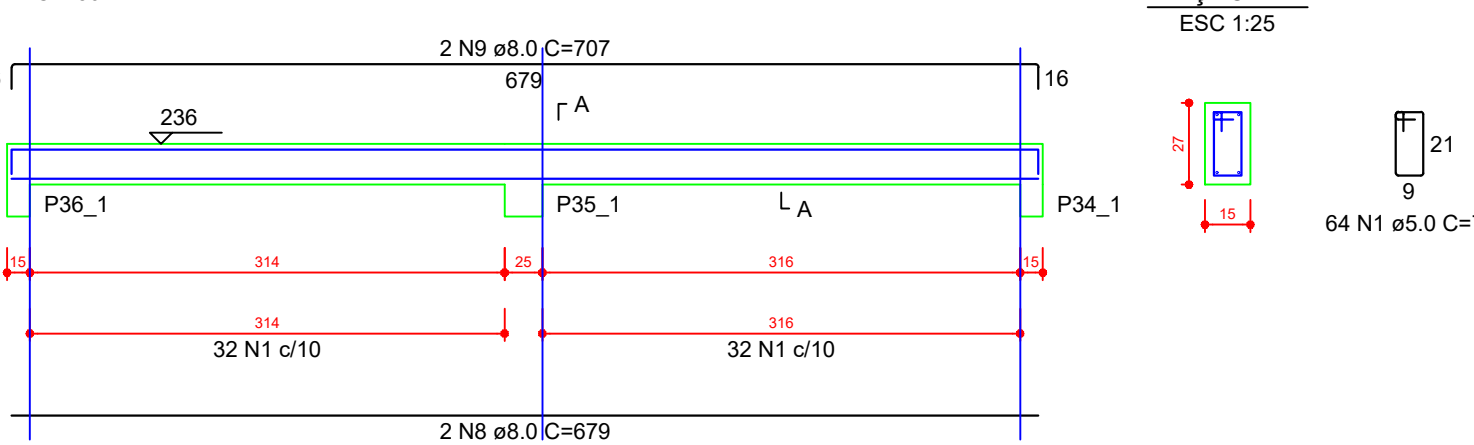
VPA2_1 (15 x 27)



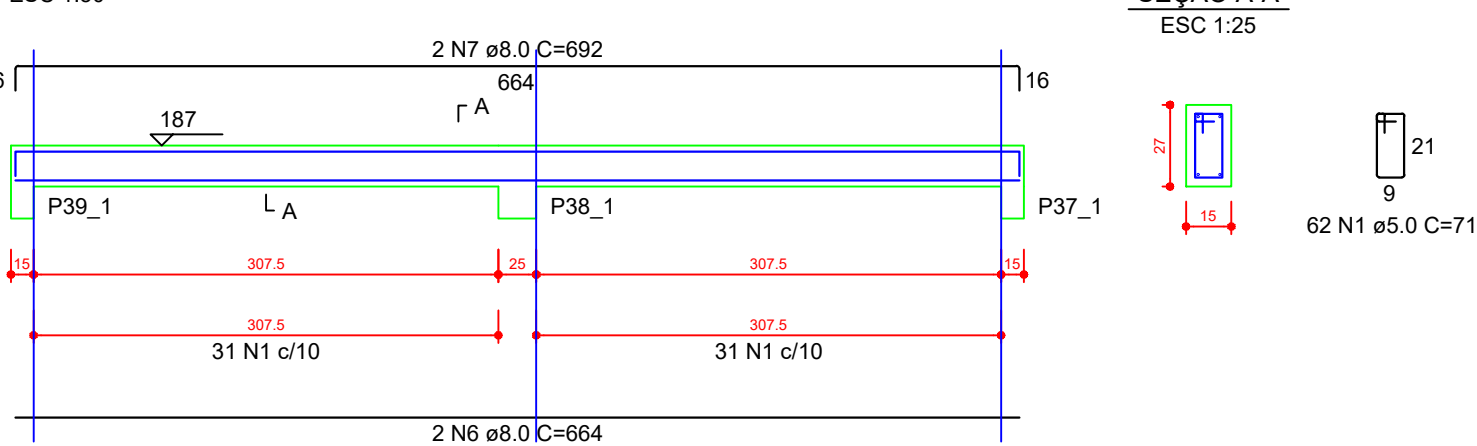
VPA3_1 (15 x 27)



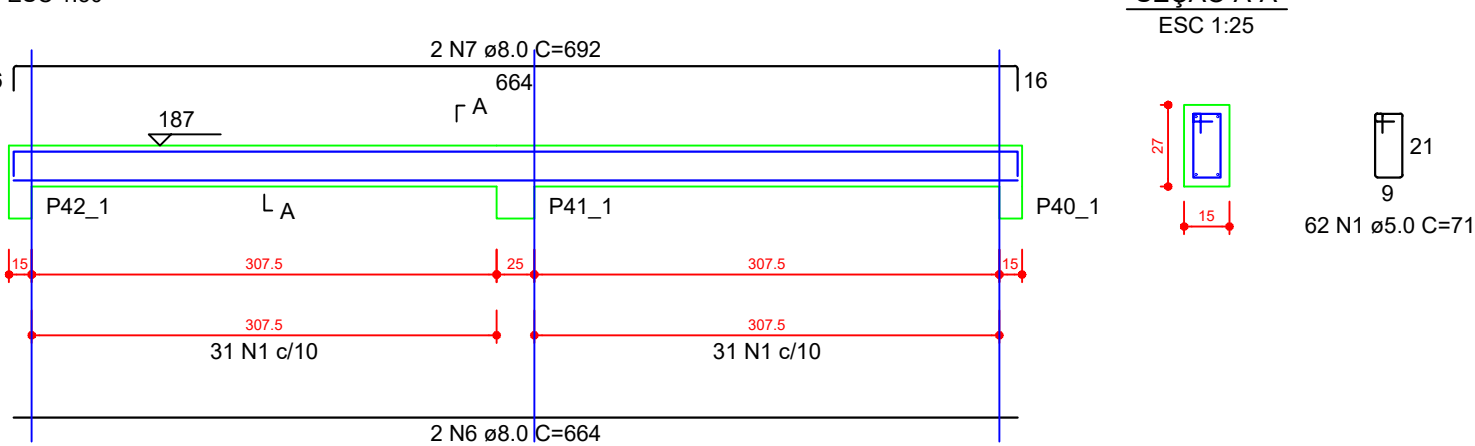
VPA4_1 (15 x 27)



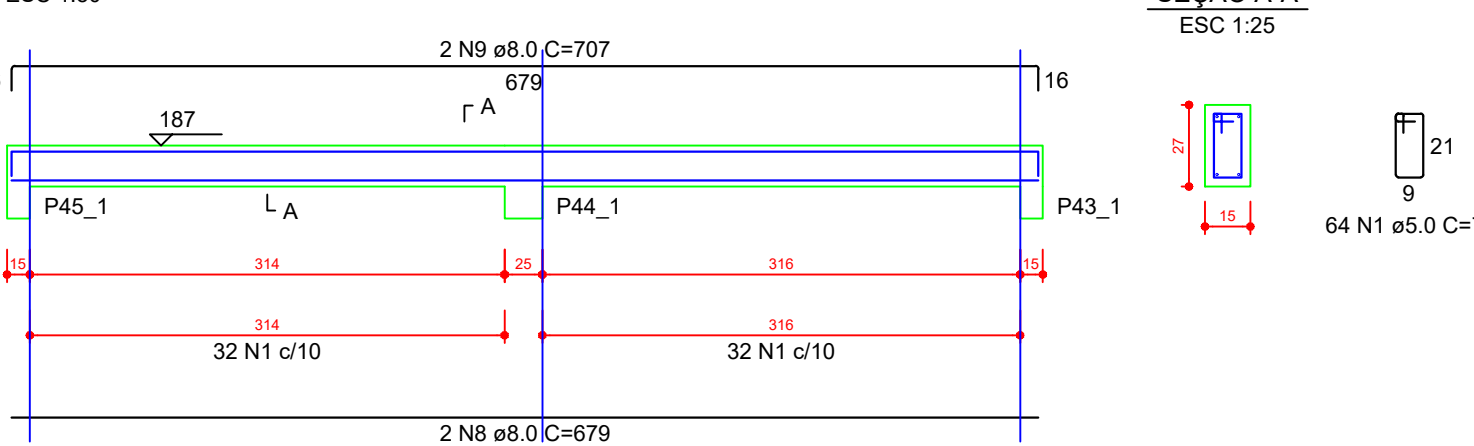
VPA5_1 (15 x 27)



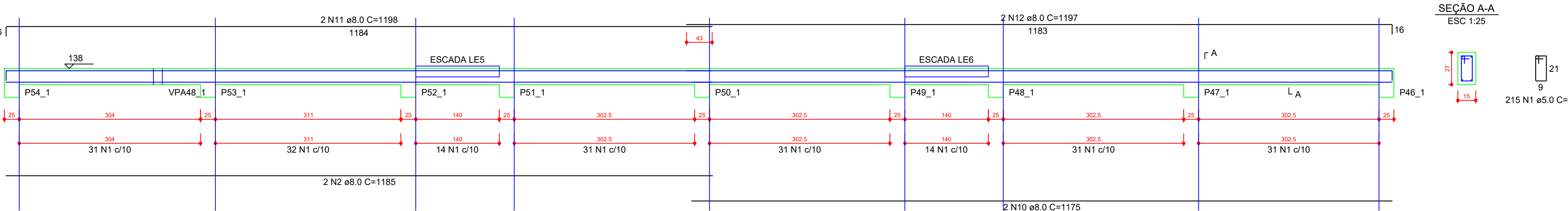
VPA6_1 (15 x 27)



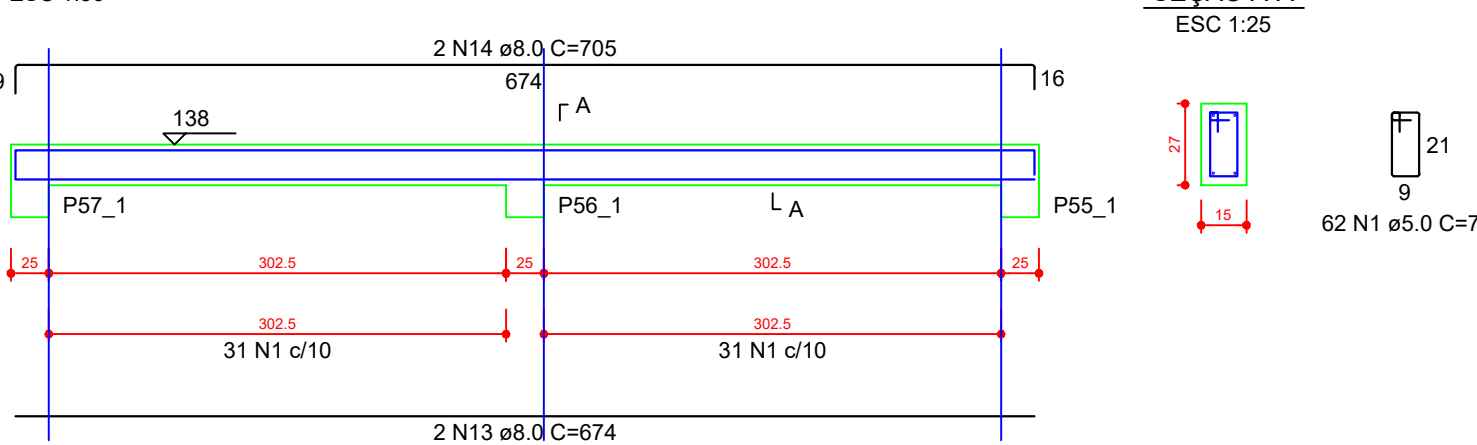
VPA7_1 (15 x 27)



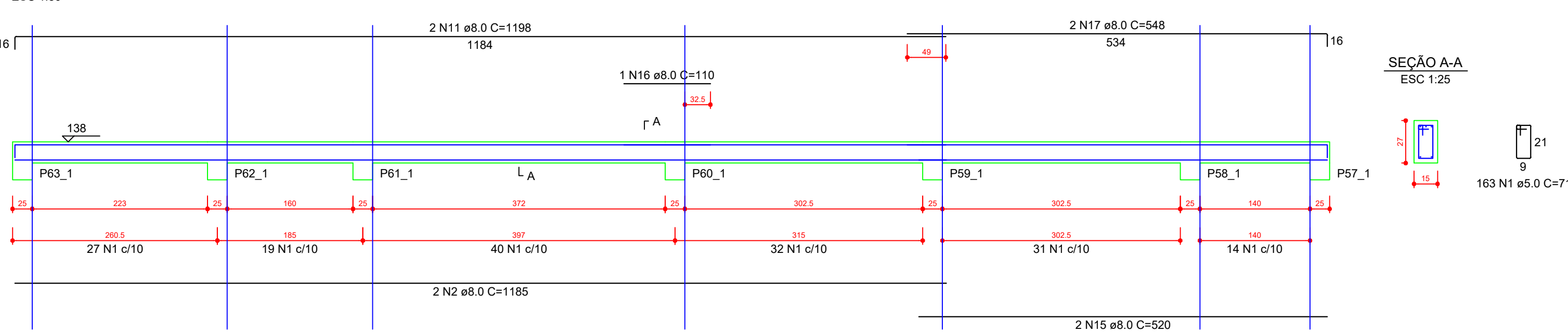
VPA8_1 (15 x 27)



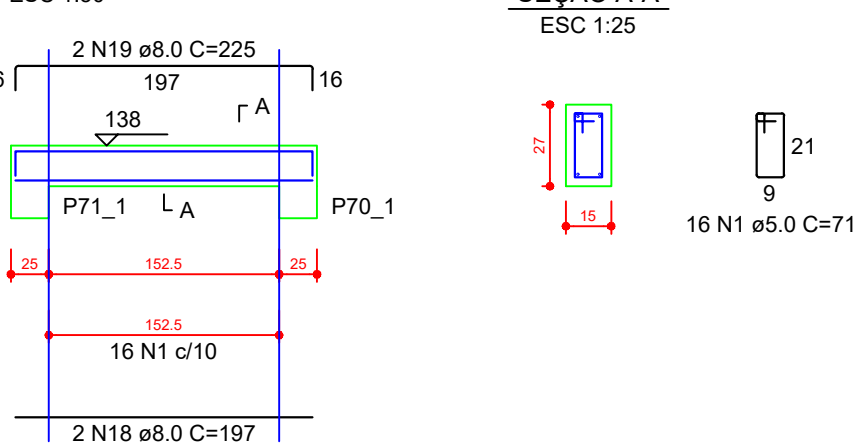
VPA9_1 (15 x 27)



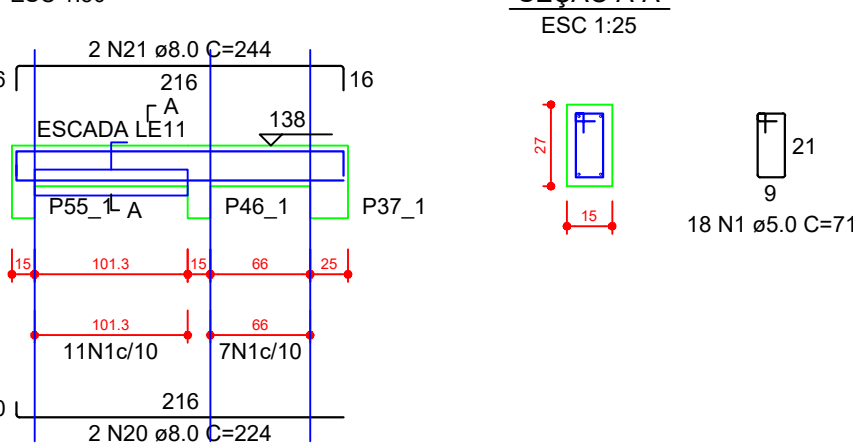
VPA10_1 (15 x 27)



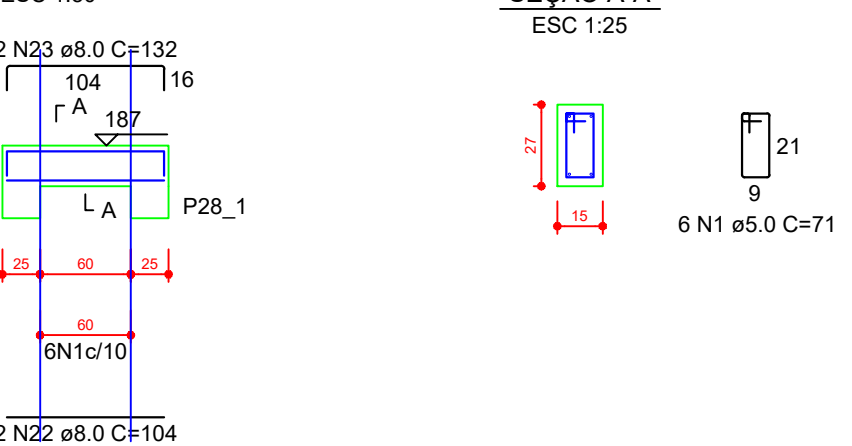
VPA11_1 (15 x 27)



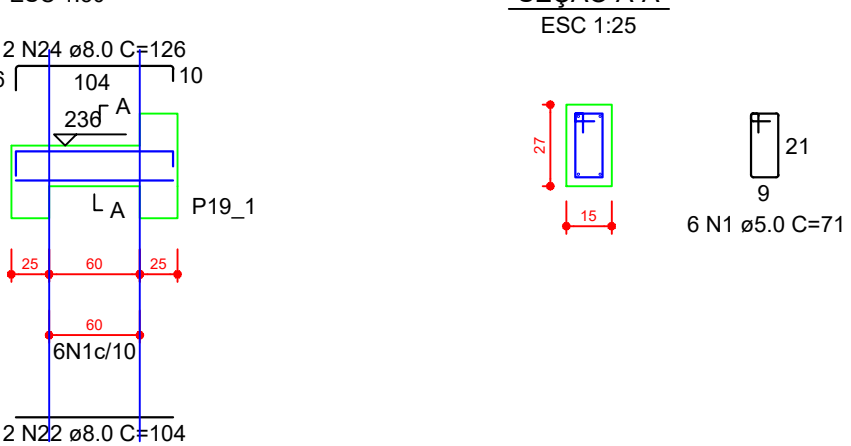
VPA12_1 (15 x 27)



VPA13_1 (15 x 27)



VPA14_1 (15 x 27)



PROJETO

PROJETO ESTRUTURAL - ARQUIBANCADA 2

CABINES DE NARRAÇÃO, ARQUIBANCADA E BANCO DE RESERVA

proprietário: PREFEITURA MUNICIPAL DE RIO AZUL

prancha: 06/17

projeto e responsável técnico: JESSICA ELAINE CUSTÓDIO

VIGAS CIRC. 1

Engenheira Civil - CREA-PR-166.458/D

Desenho: [assinatura]

Revisão: [assinatura]

Arquiteto: [assinatura]