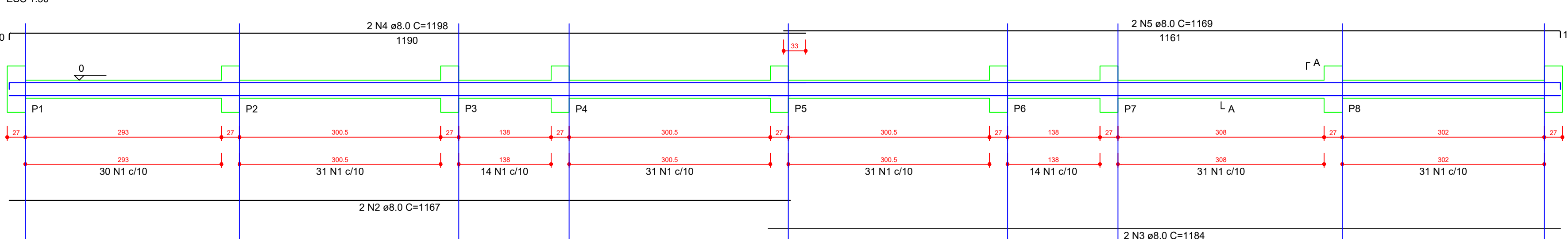
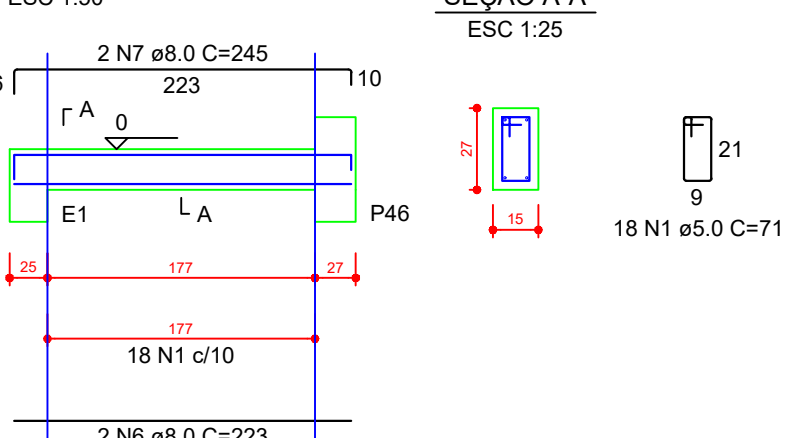


VIGAS DO BALDRAME
ESCALA1:50 E 1:25

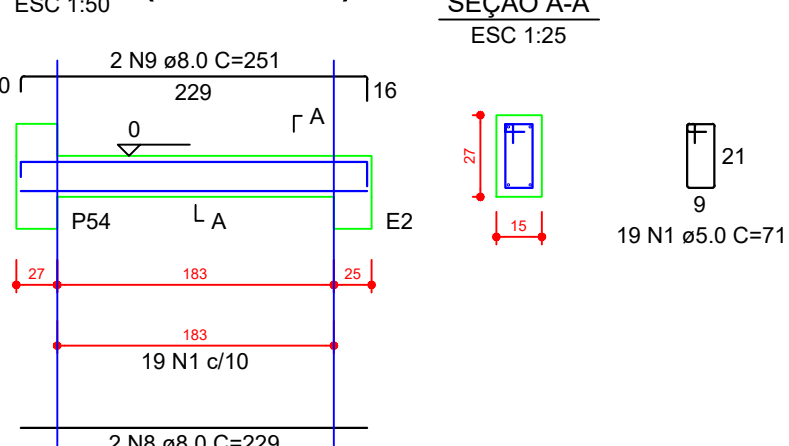
VB1 (15 x 27)



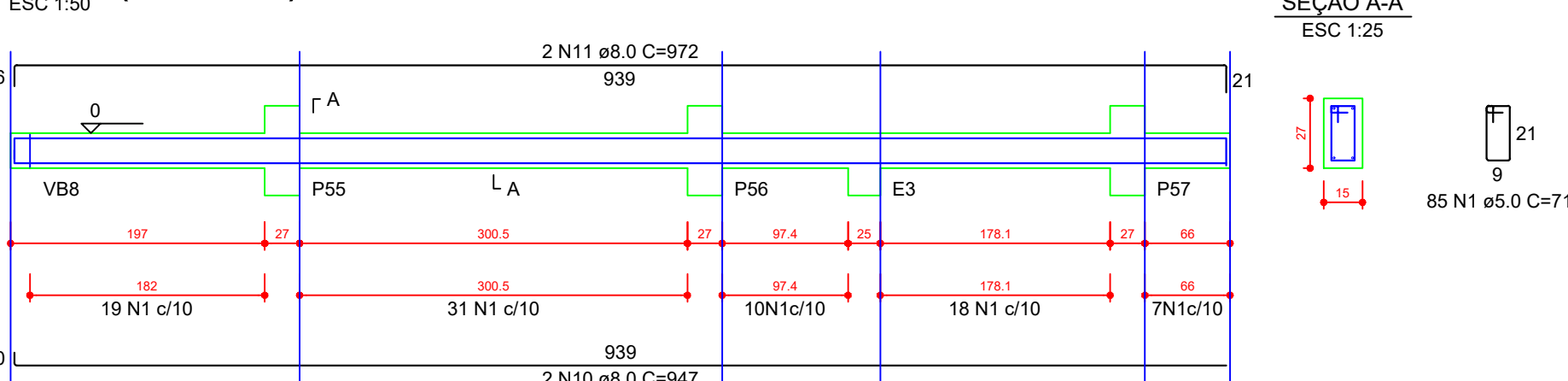
VB2 (15 x 27)



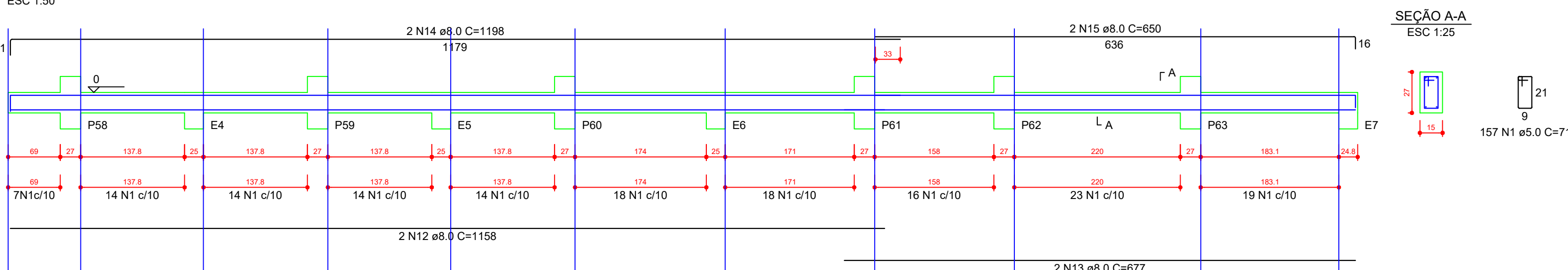
VB3 (15 x 27)



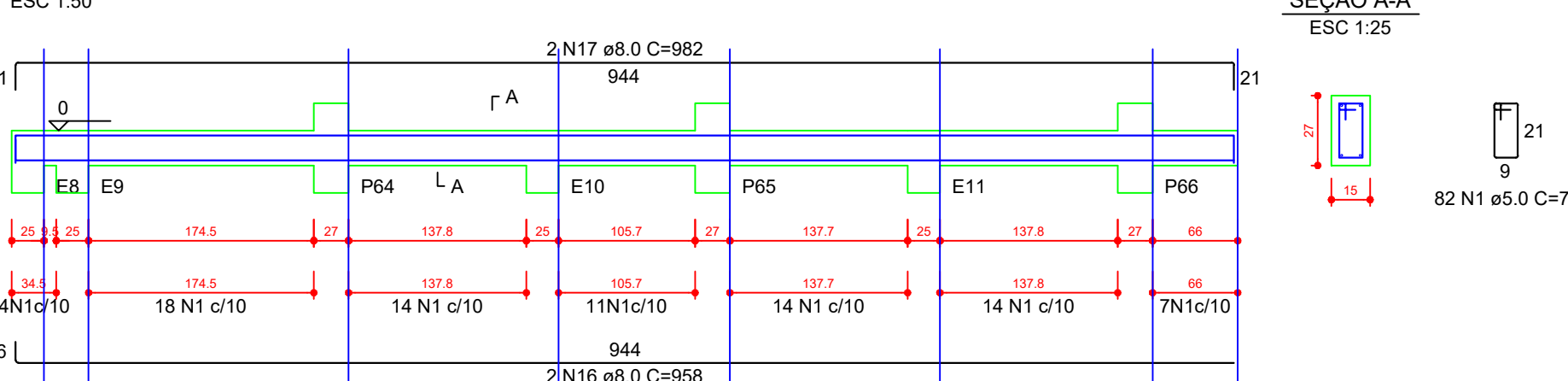
VB4 (15 x 27)



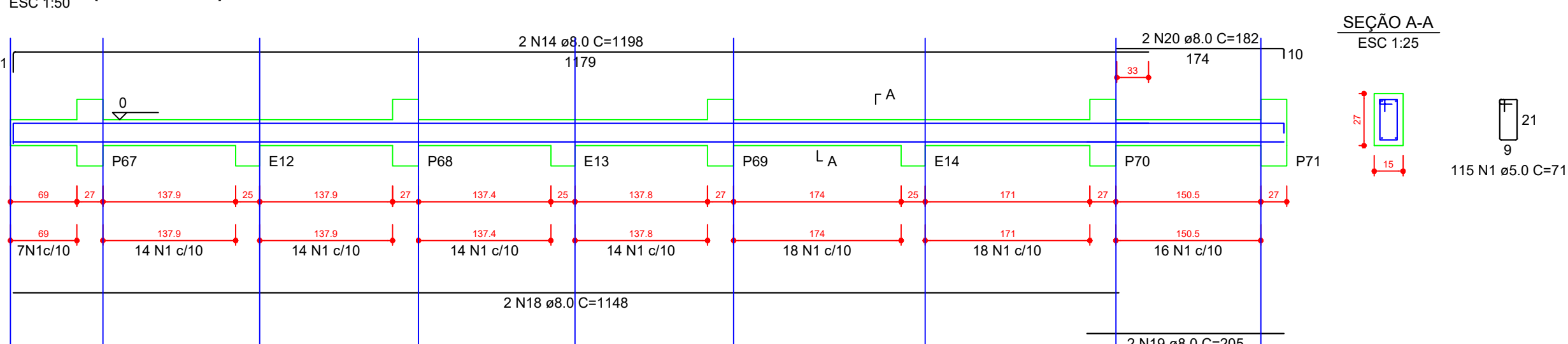
VB5 (15 x 27)



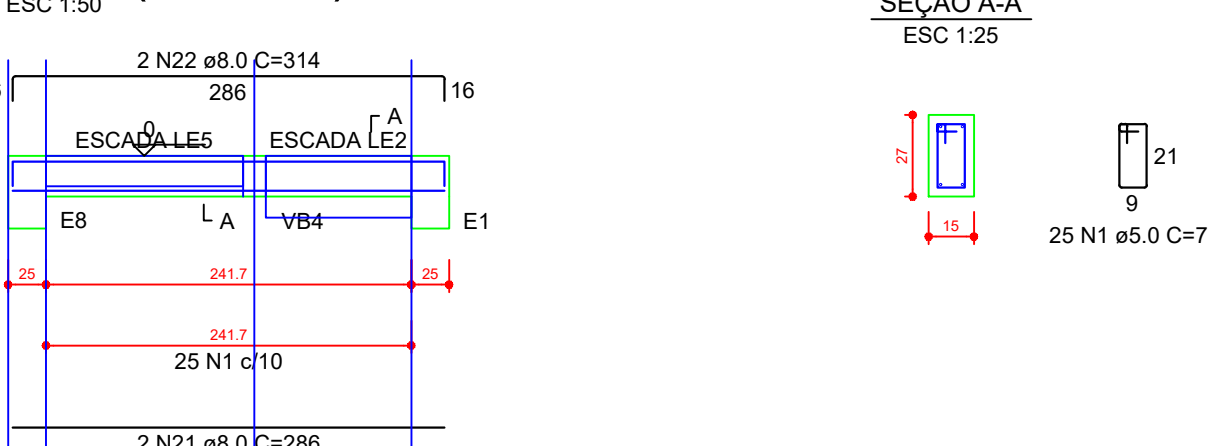
VB6 (15 x 27)



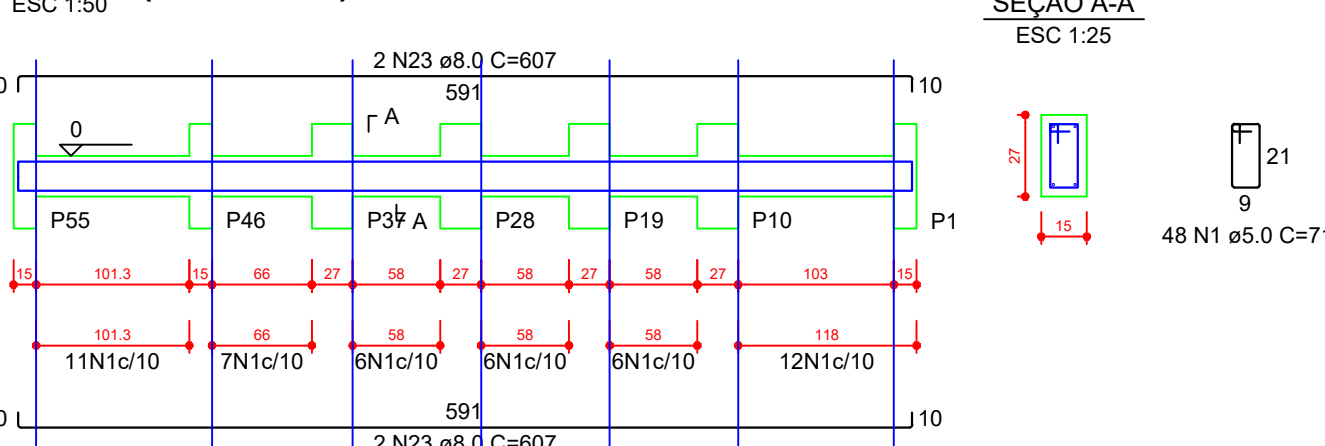
VB7 (15 x 27)



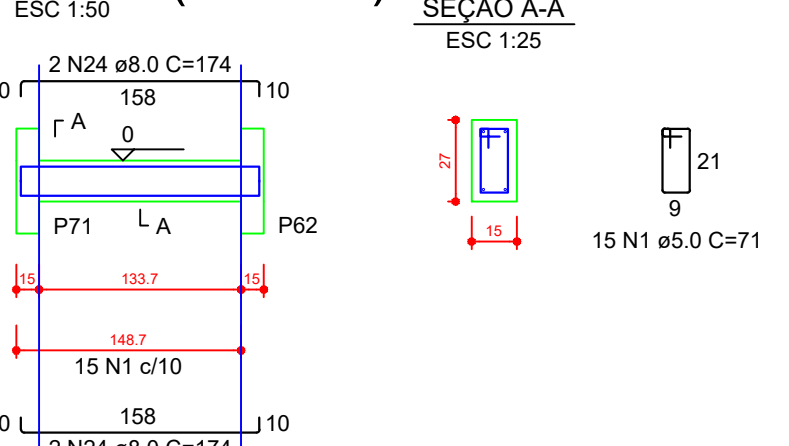
VB8 (15 x 27)



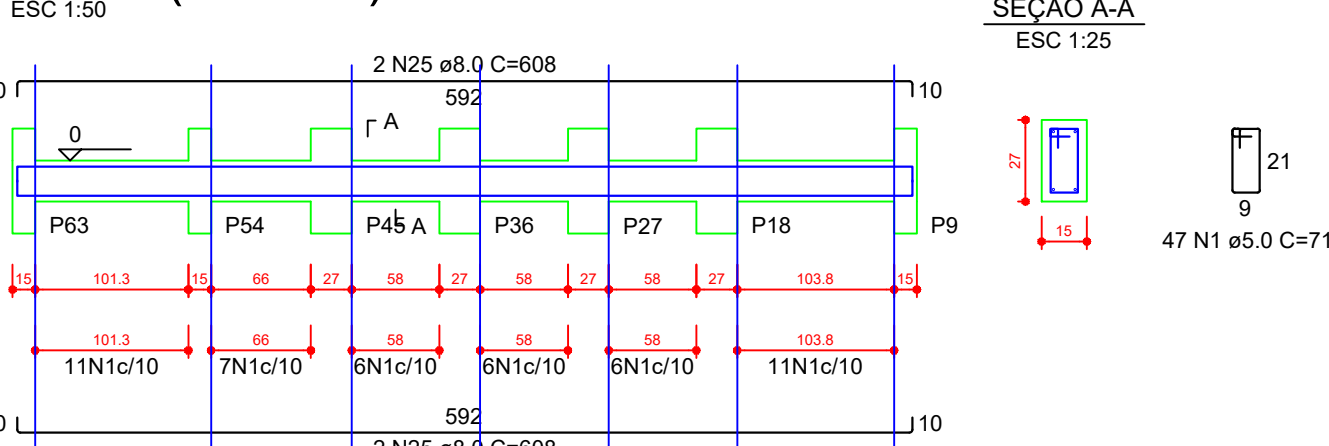
VB9 (15 x 27)



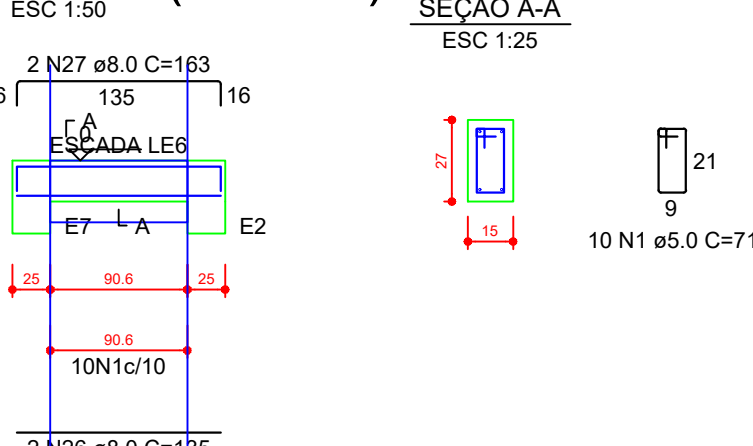
VB10 (15 x 27)



VB11 (15 x 27)



VB12 (15 x 27)



RELAÇÃO DO AÇO					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
VB1	1	5.0	834	71	59214
VB4	2	8.0	2	1167	2334
VB7	3	8.0	2	1184	2368
VB10	4	8.0	2	1198	2396
	5	8.0	2	1169	2338
	6	8.0	2	223	446
	7	8.0	2	245	490
	8	8.0	2	229	458
	9	8.0	2	251	502
	10	8.0	2	947	1894
	11	8.0	2	972	1944
	12	8.0	2	1158	2316
	13	8.0	2	677	1354
	14	8.0	4	1198	4792
	15	8.0	2	650	1300
	16	8.0	2	958	1916
	17	8.0	2	982	1964
	18	8.0	2	1148	2296
	19	8.0	2	205	410
	20	8.0	2	182	364
	21	8.0	2	286	572
	22	8.0	2	314	628
	23	8.0	4	607	2428
	24	8.0	4	174	696
	25	8.0	4	608	2432
	26	8.0	2	135	270
	27	8.0	2	163	326

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	392.3	170.3
CA50	5.0	592.1	170.4
PESO TOTAL (kg)			
CA50		170.3	
CA60		100.4	

Volume de concreto (C-30) = 3.36 m³
Área de forma = 56.70 m²

PROJETO

PROJETO ESTRUTURAL - ARQUIBANCADA 1			
CABINES DE NARRAÇÃO, ARQUIBANCADA E BANCO DE RESERVA			
proprietário PREFEITURA MUNICIPAL DE RIO AZUL			prancha: 03/17
projeto e responsável técnico JÉSSICA ELAINE CUSTÓDIO			VIGAS BALDRAME
ENGENHEIRA CIVIL - CREA-PR-166.458/D			
de To: Nº 026	escala: Nº 026	desenho: Nº 026	prancha: Nº 026