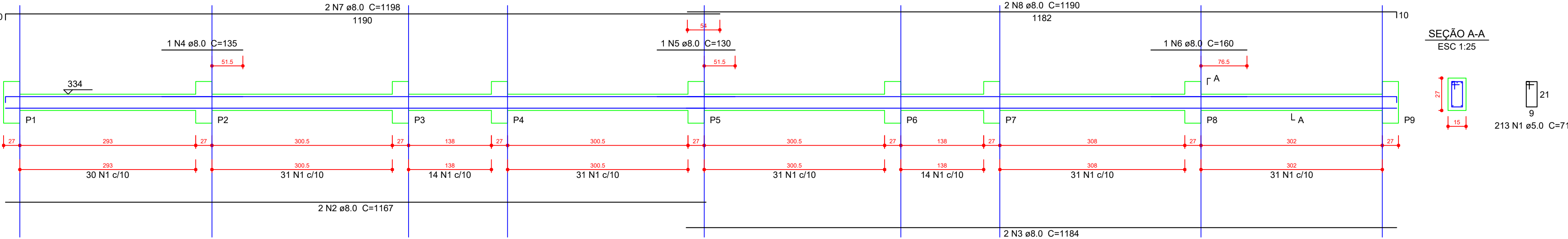


VIGAS DA CIRCULAÇÃO 2

ESCALA1:50 E 1:25

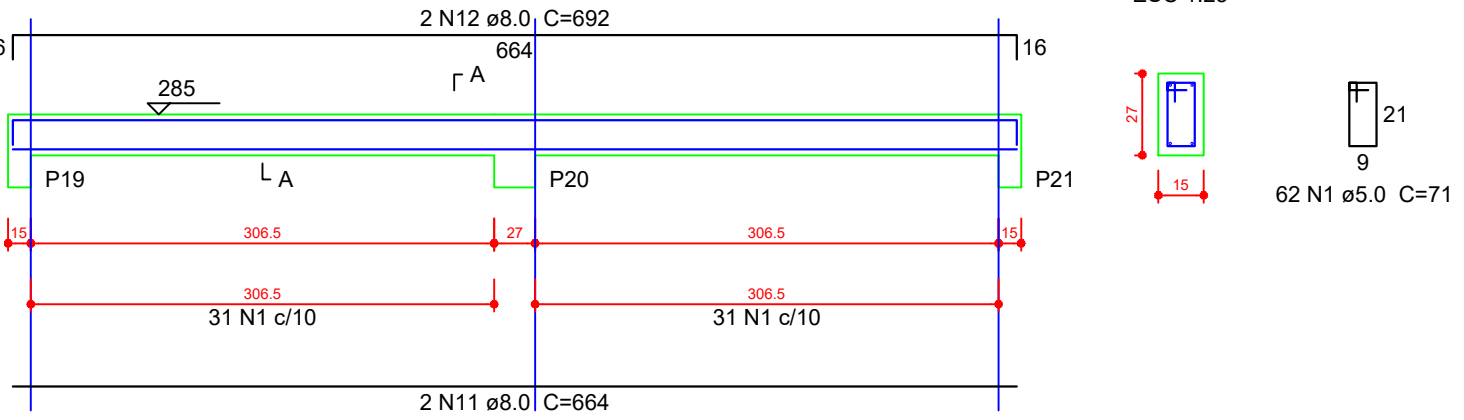
VPB1 (15 x 27)

ESC 1:50



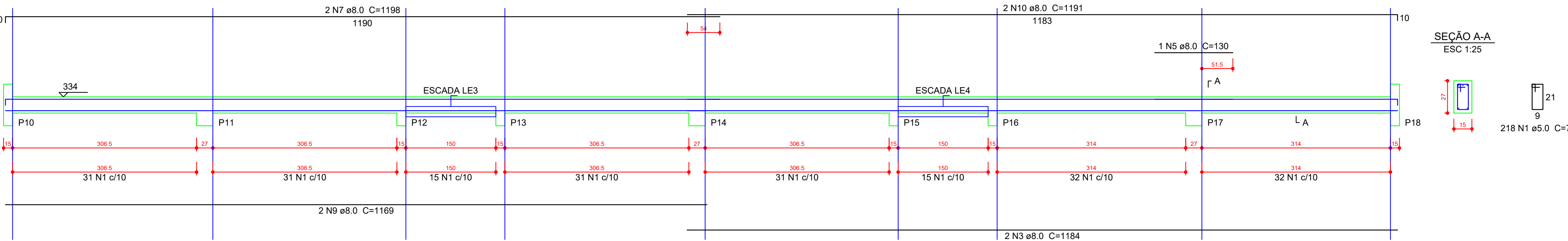
VPB3 (15 x 27)

ESC 1:50



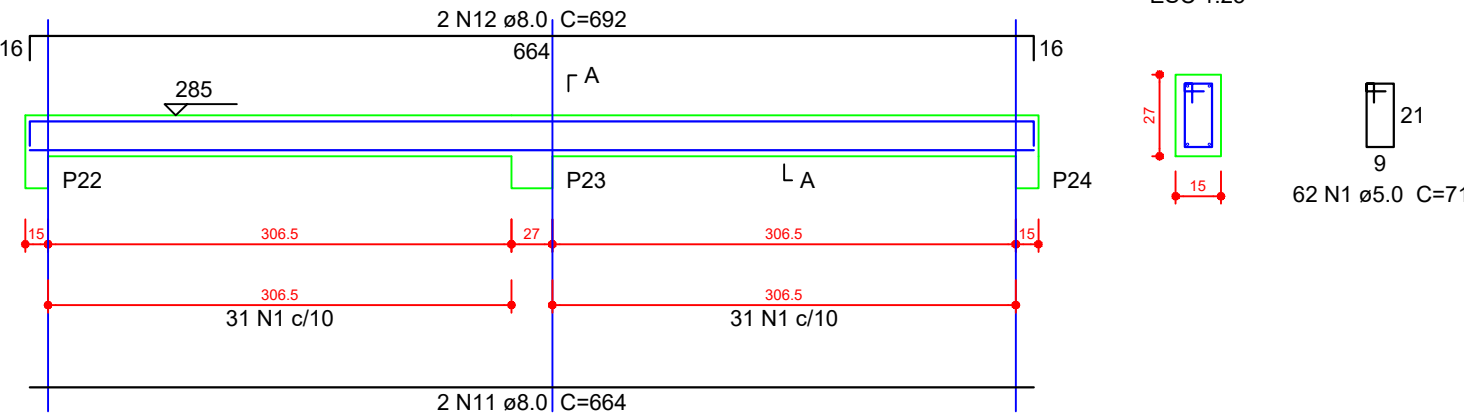
VPB2 (15 x 27)

ESC 1:50



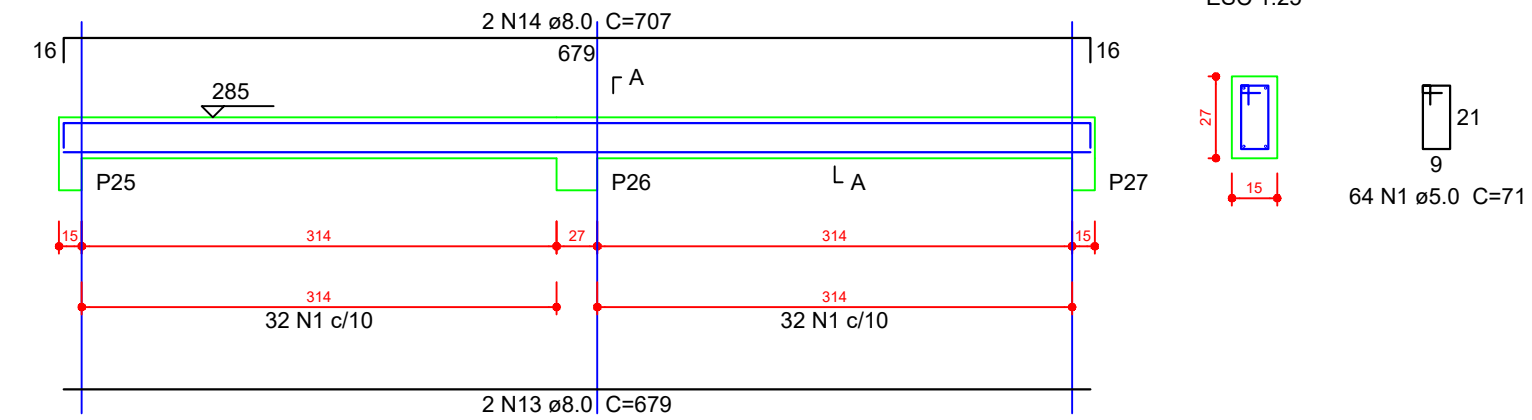
VPB4 (15 x 27)

ESC 1:50



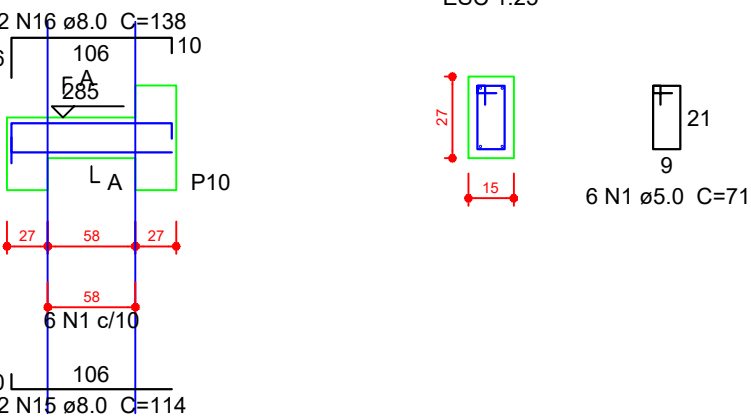
VPB5 (15 x 27)

ESC 1:50



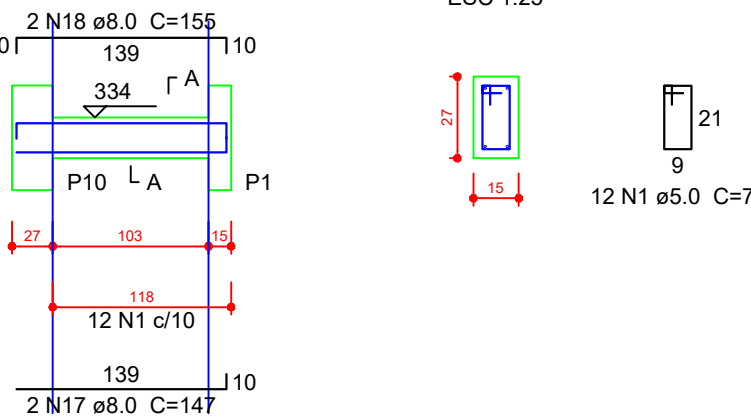
VPB6 (15 x 27)

ESC 1:50



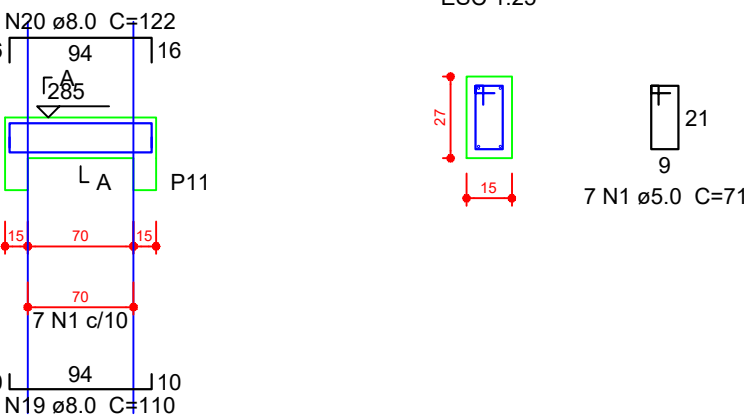
VPB7 (15 x 27)

ESC 1:50



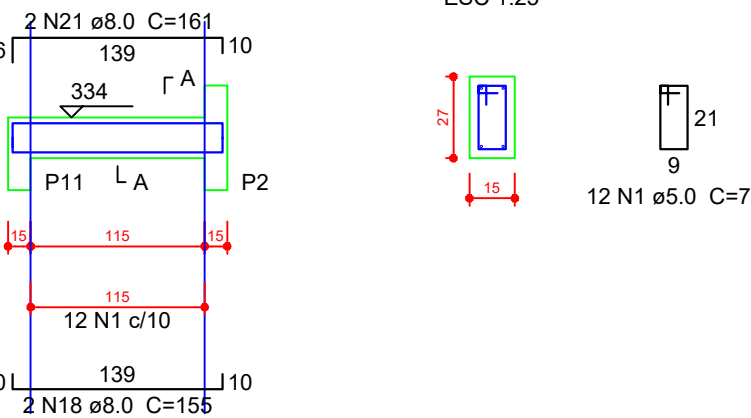
VPB8 (15 x 27)

ESC 1:50



VPB9 (15 x 27)

ESC 1:50



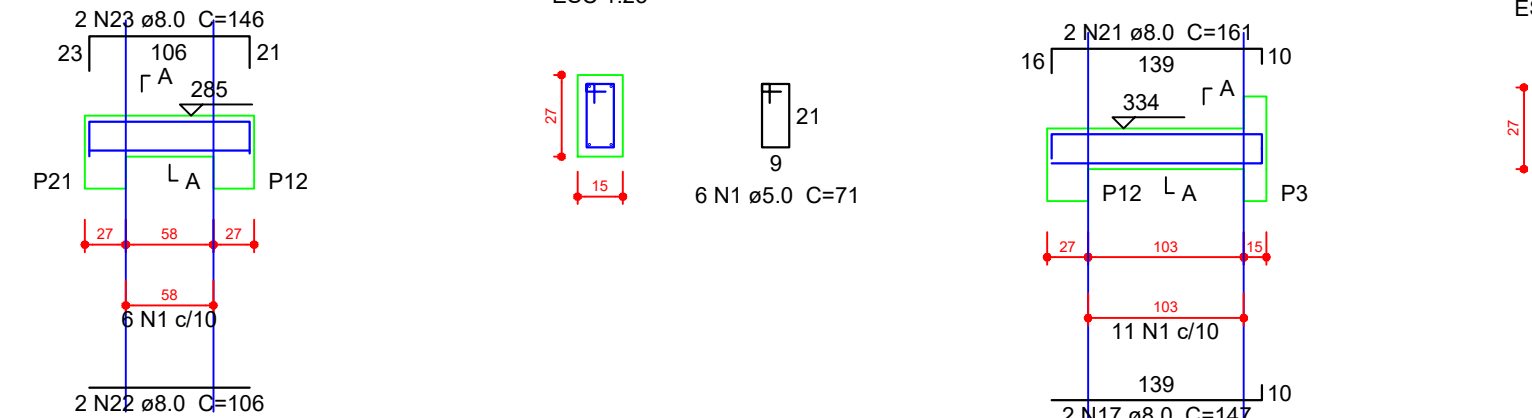
Relação do aço

VPB1	VPB2	VPB3
VPB4	VPB5	VPB6
VPB7	VPB8	VPB9
VPB10	VPB11	VPB12
VPB13	VPB14	VPB15
VPB16	VPB17	VPB18
VPB19	VPB20	VPB21
VPB22	VPB23	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	779	71	55309
CA50	2	8.0	2	1167	2334
	3	8.0	4	1184	4736
	4	8.0	1	135	135
	5	8.0	2	130	260
	6	8.0	1	160	160
	7	8.0	4	1198	4792
	8	8.0	2	1190	2380
	9	8.0	2	1169	2338
	10	8.0	2	1191	2382
	11	8.0	4	664	2656
	12	8.0	4	692	2768
	13	8.0	2	679	1358
	14	8.0	2	707	1414
	15	8.0	4	114	456
	16	8.0	2	138	276
	17	8.0	10	147	1470
	18	8.0	8	155	1240
	19	8.0	4	110	440
	20	8.0	6	122	732
	21	8.0	14	161	2254
	22	8.0	8	106	848
	23	8.0	4	146	584
	24	8.0	2	141	282
	25	8.0	2	147	294
	26	8.0	2	102	204
	27	8.0	1	93	93
	28	8.0	2	131	262
	29	8.0	2	148	296
	30	8.0	2	156	312

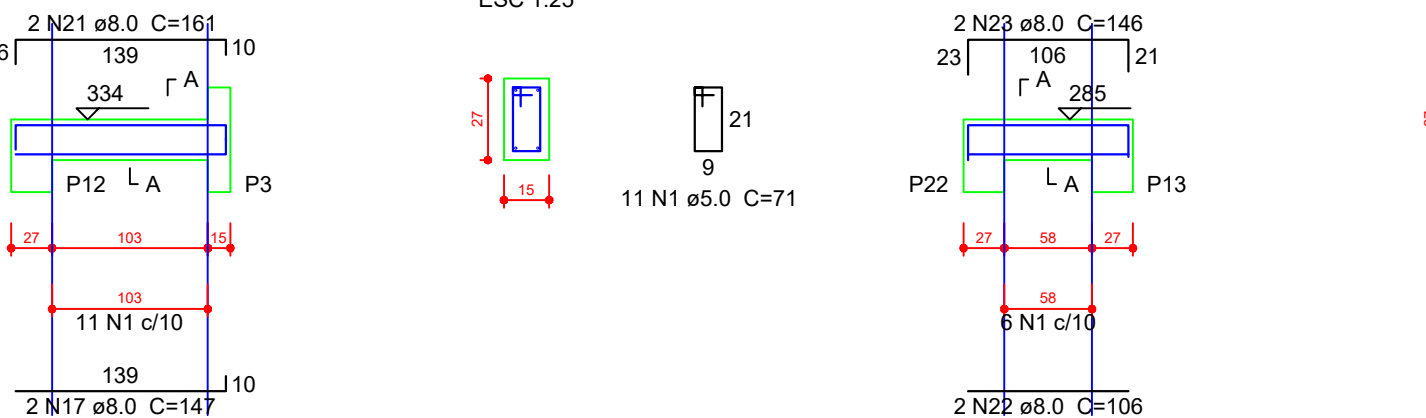
VPB10 (15 x 27)

ESC 1:50



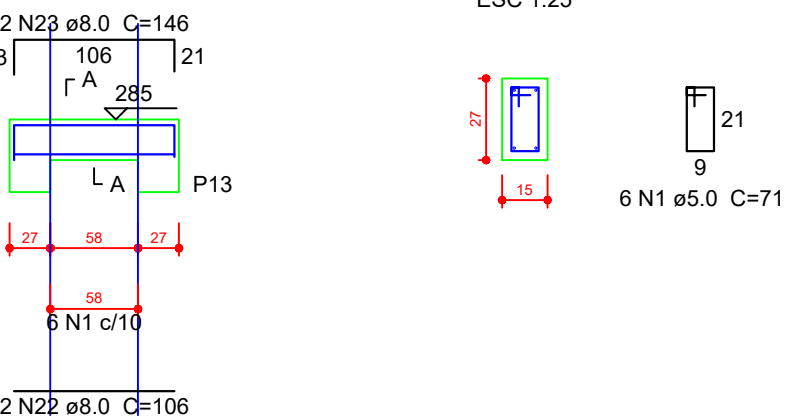
VPB11 (15 x 27)

ESC 1:50



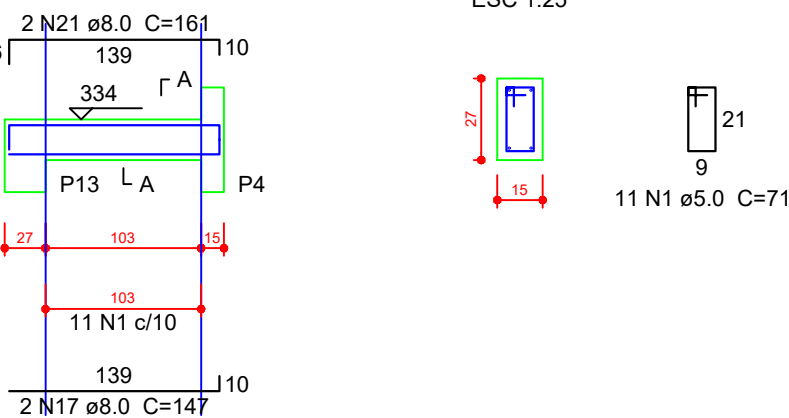
VPB12 (15 x 27)

ESC 1:50



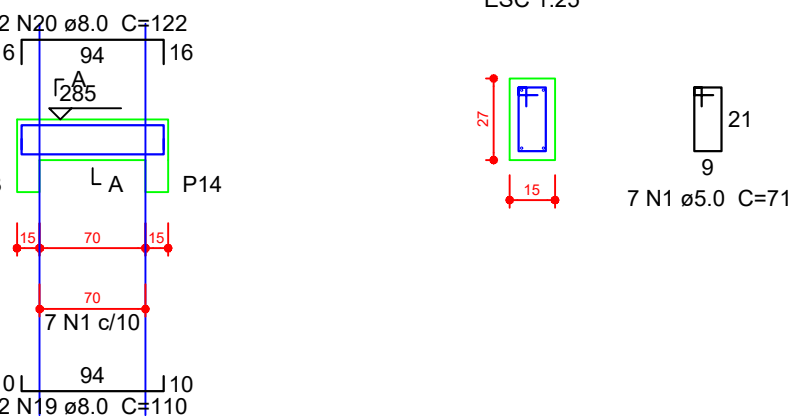
VPB13 (15 x 27)

ESC 1:50



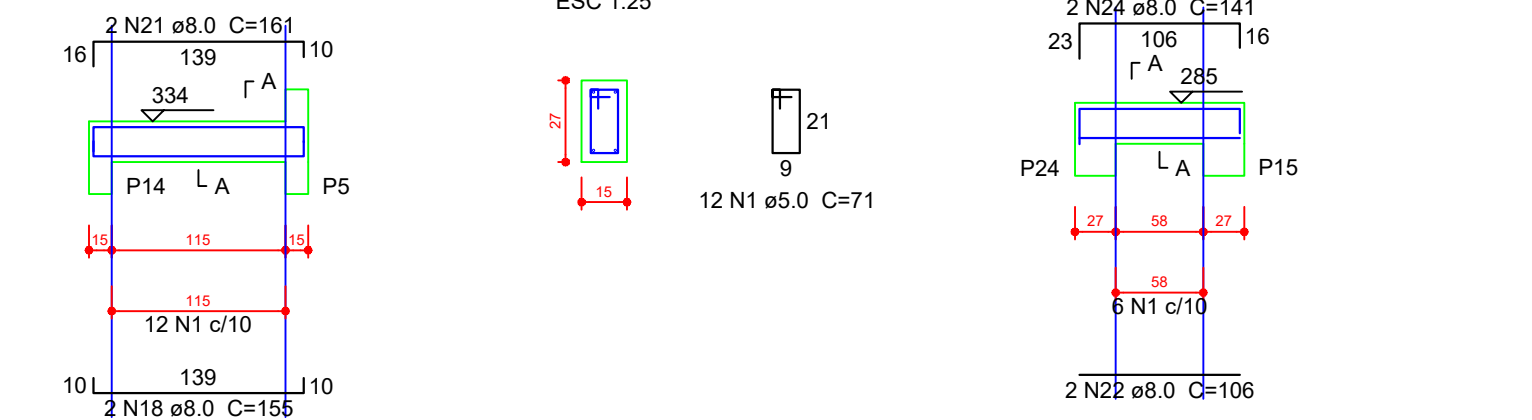
VPB14 (15 x 27)

ESC 1:50



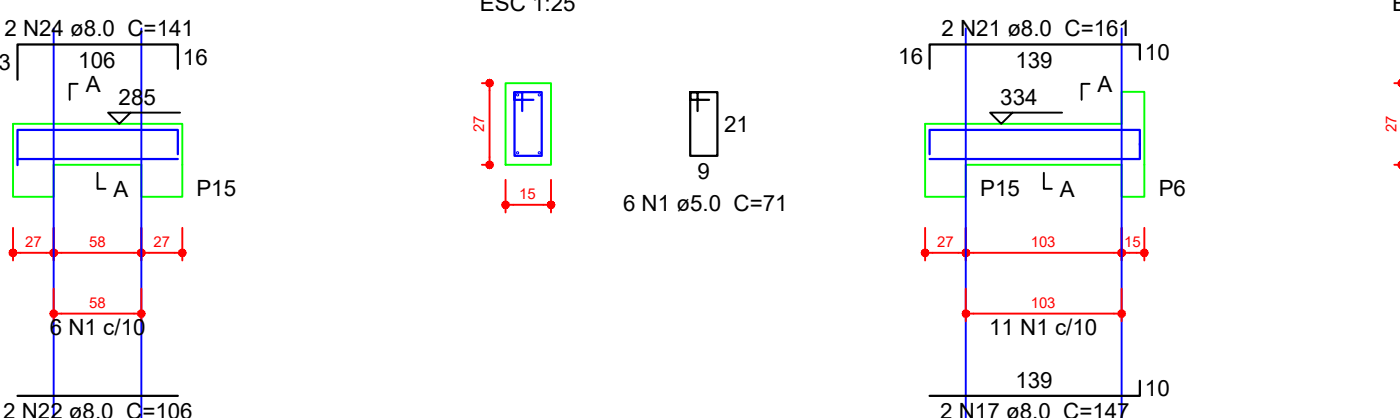
VPB15 (15 x 27)

ESC 1:50



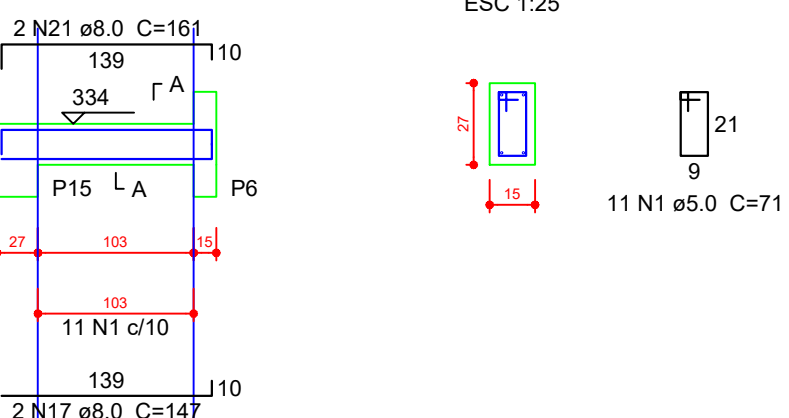
VPB16 (15 x 27)

ESC 1:50



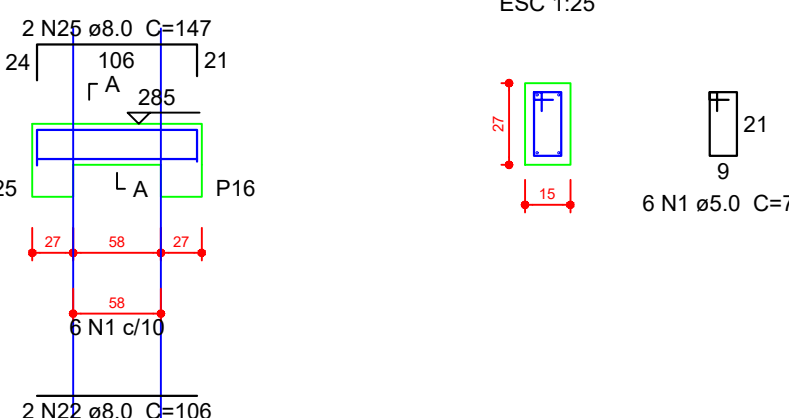
VPB17 (15 x 27)

ESC 1:50



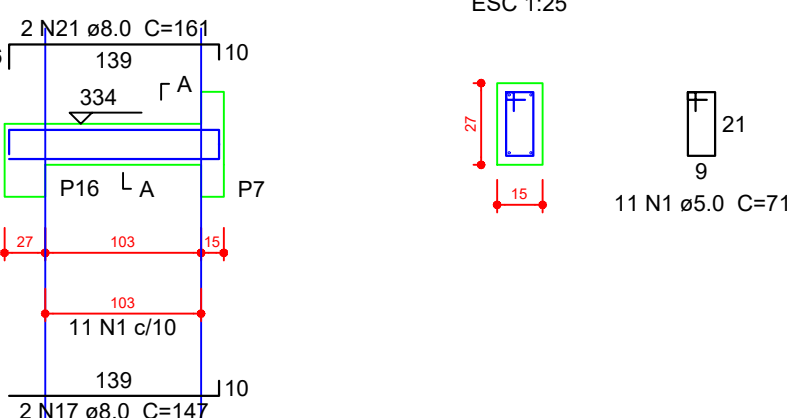
VPB18 (15 x 27)

ESC 1:50



VPB19 (15 x 27)

ESC 1:50



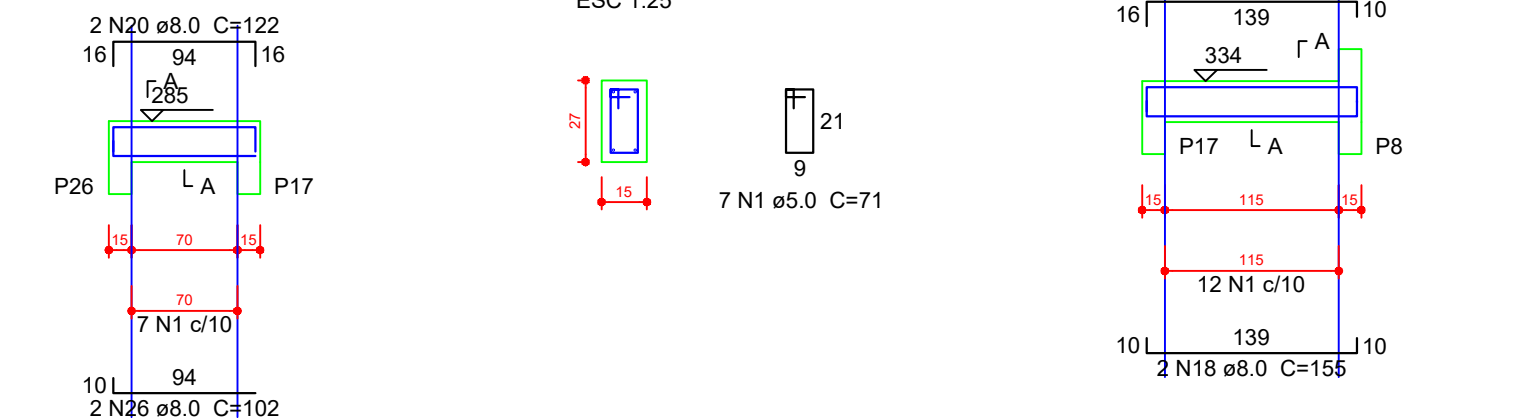
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	377.6	163.9
CA60	5.0	553.1	93.8
PESO TOTAL (kg)			
CA50	163.9		
CA60	93.8		

Volume de concreto (C-30) = 3.08 m³
Área de forma = 40.05 m²

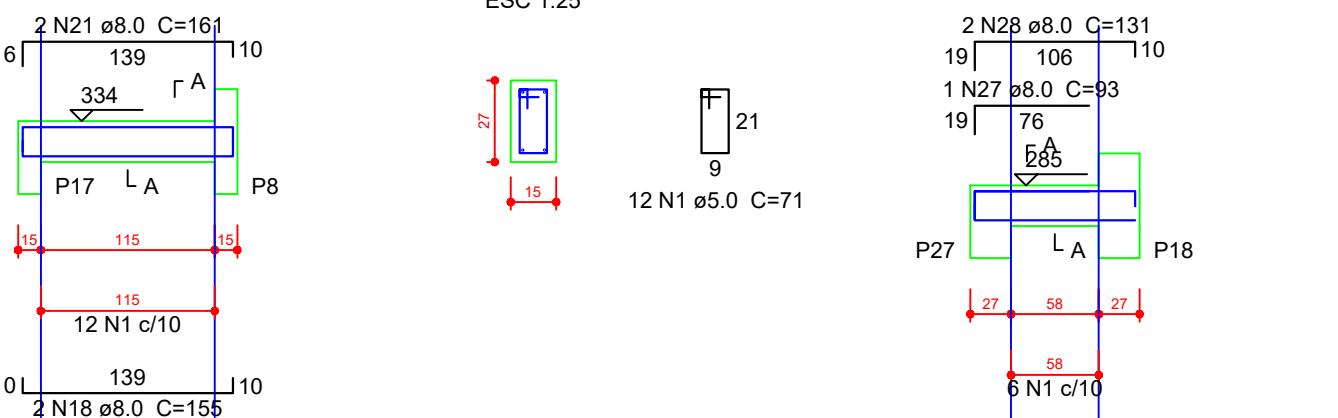
VPB20 (15 x 27)

ESC 1:50



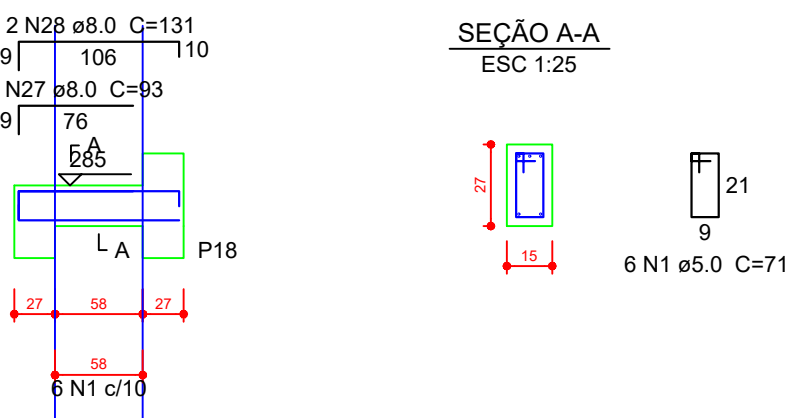
VPB21 (15 x 27)

ESC 1:50



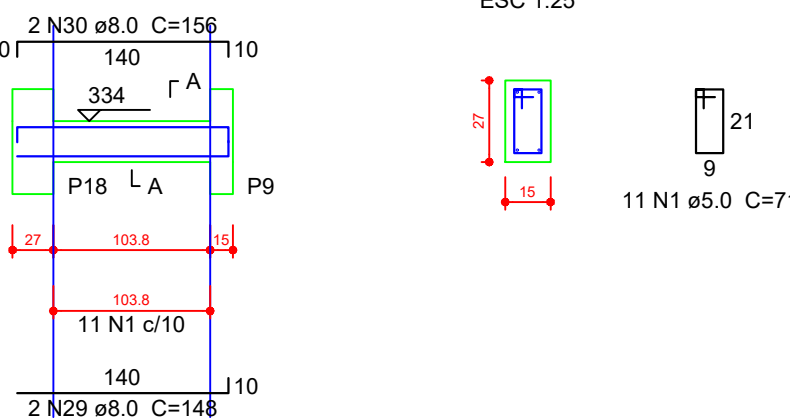
VPB22 (15 x 27)

ESC 1:50



VPB23 (15 x 27)

ESC 1:50



PROJETO

PROJETO ESTRUTURAL - ARQUIBANCADA 1	
CABINES DE NARRAÇÃO, ARQUIBANCADA E BANCO DE RESERVA	
proprietário PREFEITURA MUNICIPAL DE RIO AZUL	prancha: 10/17
projeto e responsável técnico JÉSSICA ELAINE CUSTÓDIO	VIGAS CIRC. 2
desenho Maurício	engenharia civil - CREA-PR-166.458/D
revisão Maurício	projeto