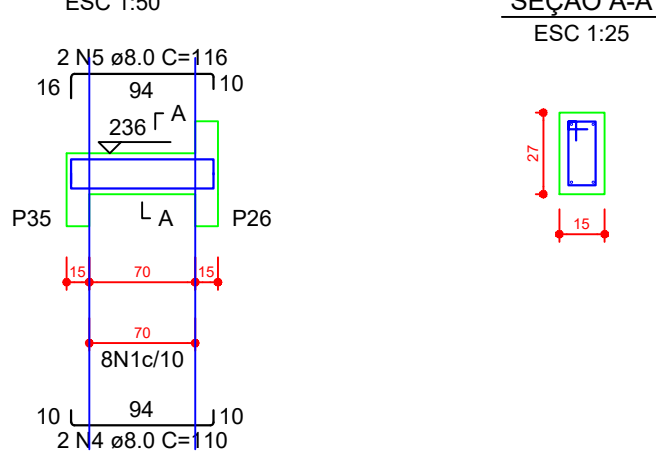
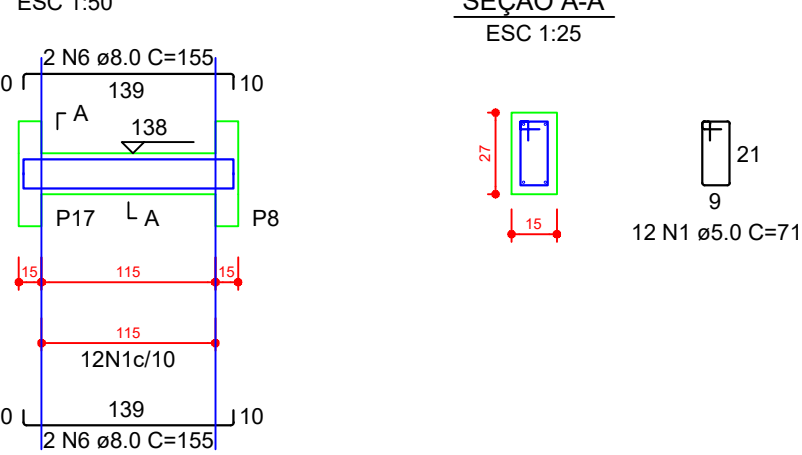


VIGAS DA CIRCULAÇÃO 1
ESCALA1:50 E 1:25

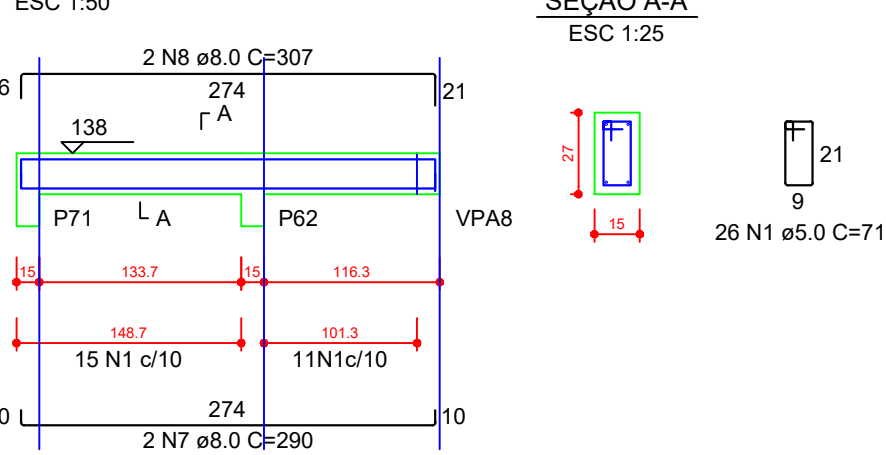
VPA46 (15 x 27)



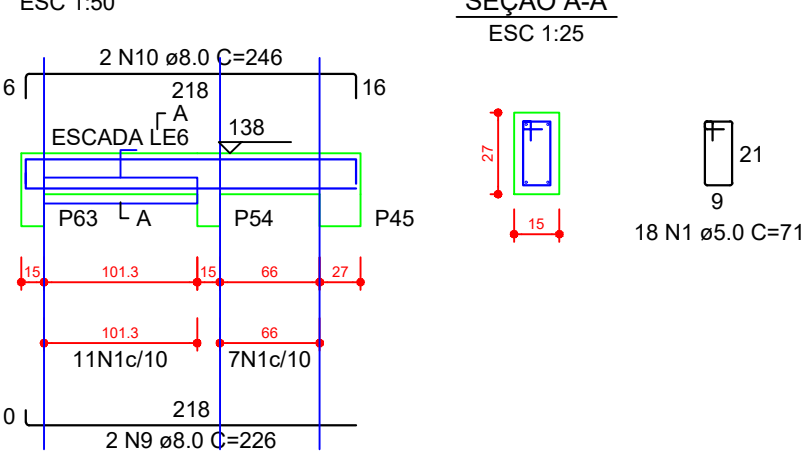
VPA47 (15 x 27)



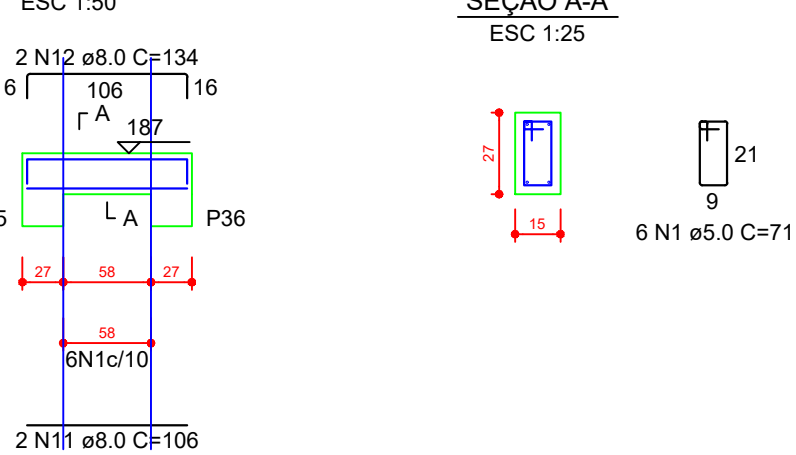
VPA48 (15 x 27)



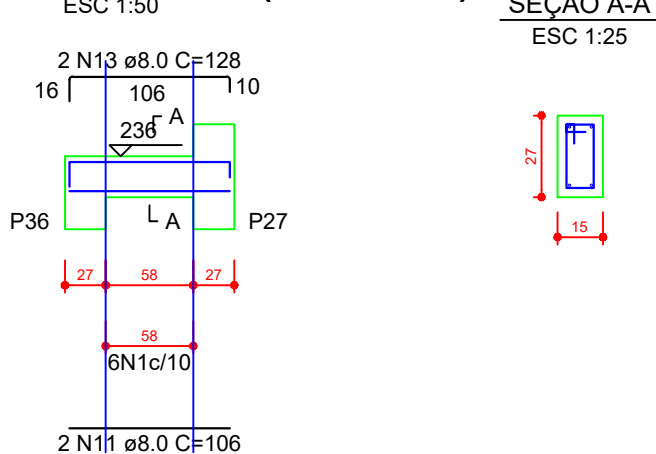
VPA49 (15 x 27)



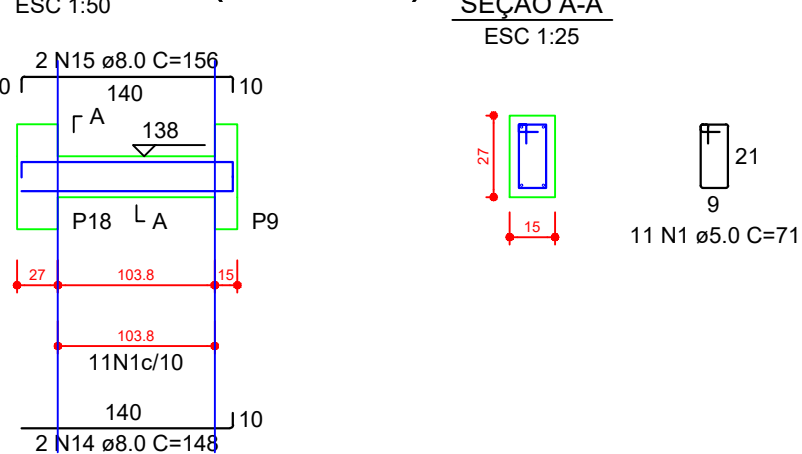
VPA50 (15 x 27)



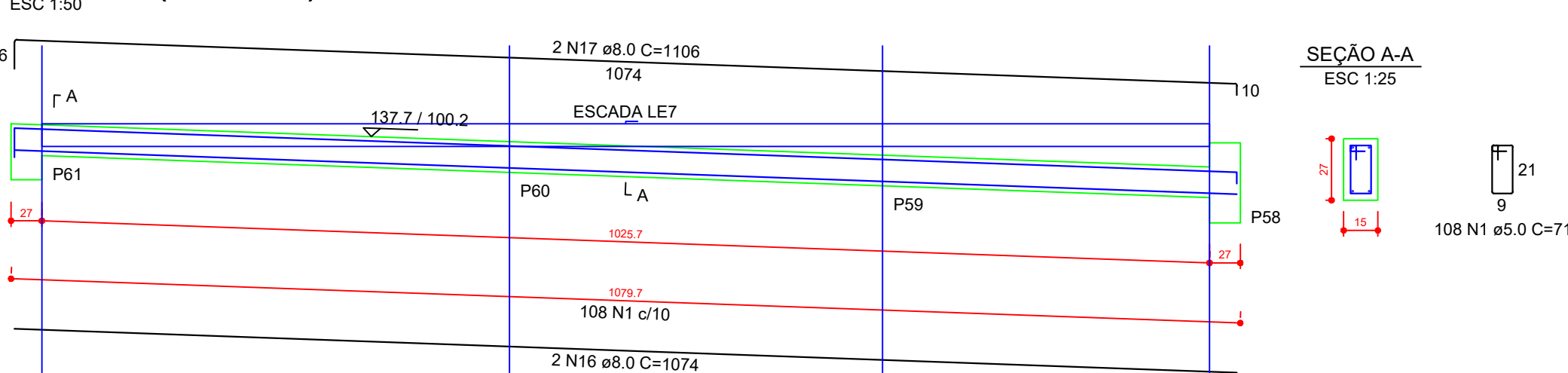
VPA51 (15 x 27)



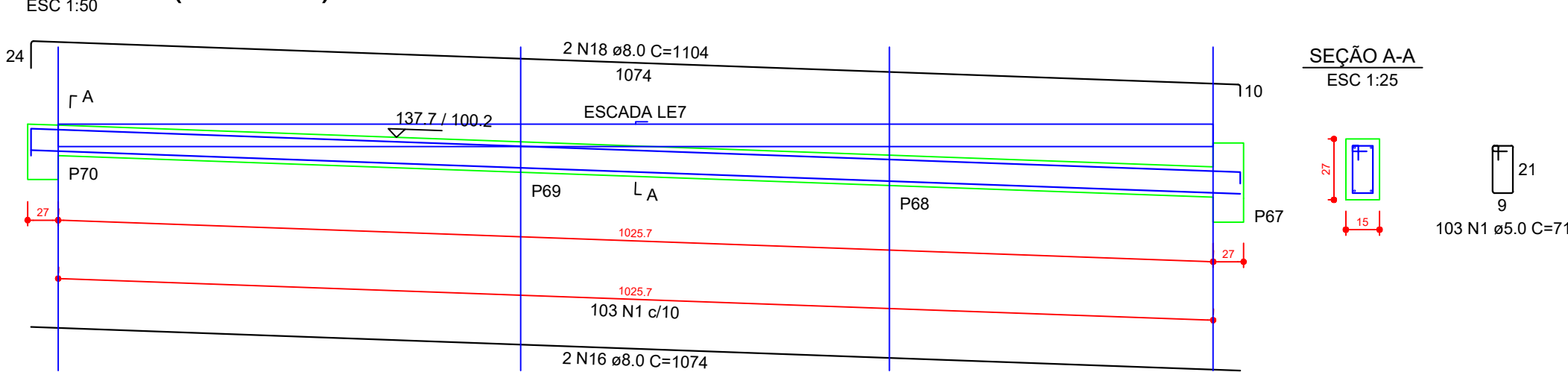
VPA52 (15 x 27)



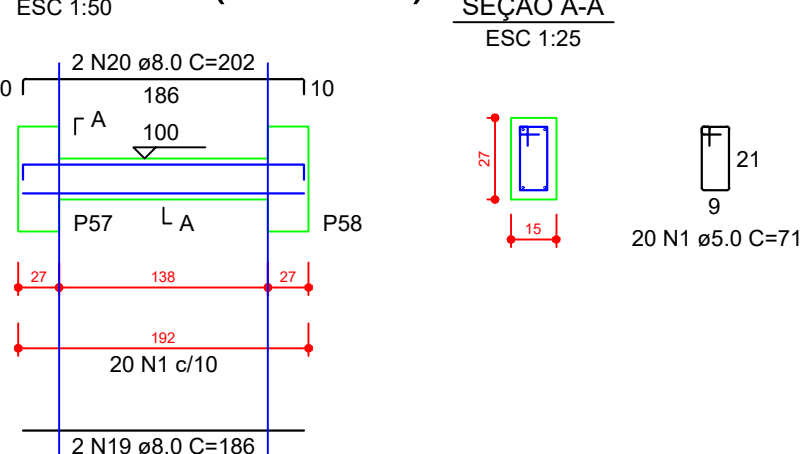
VPA53 (15 x 27)



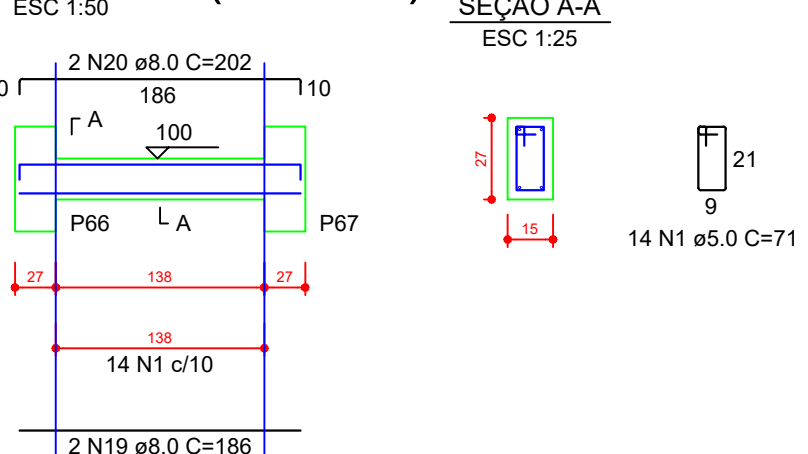
VPA54 (15 x 27)



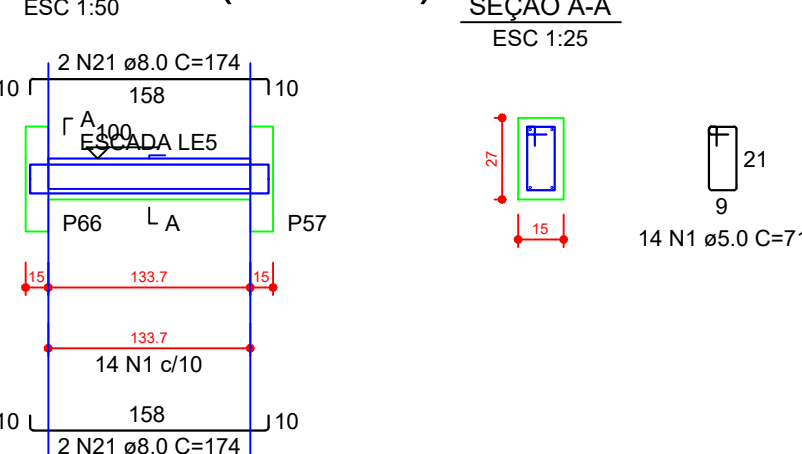
VPA55 (15 x 27)



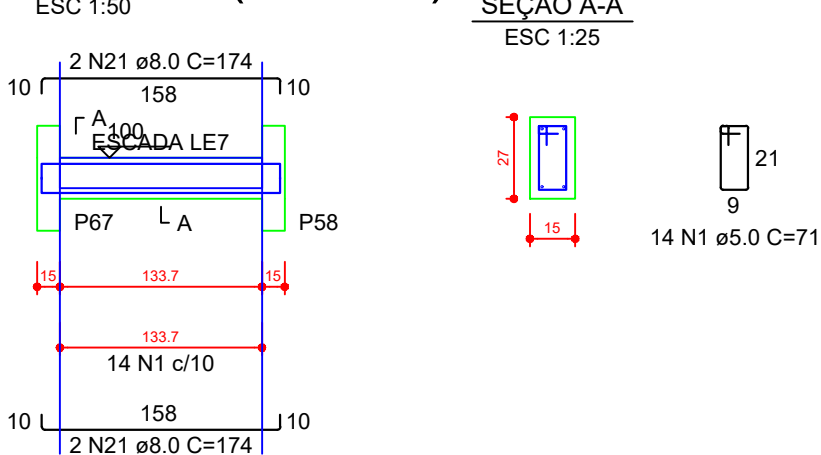
VPA56 (15 x 27)



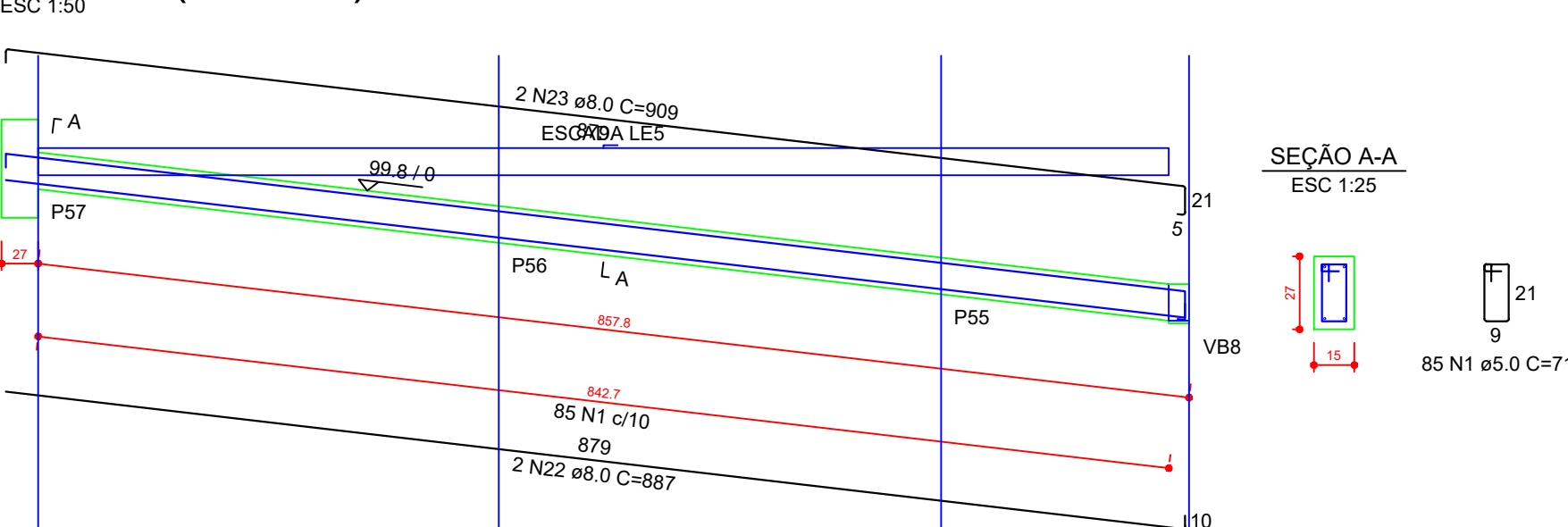
VPA57 (15 x 27)



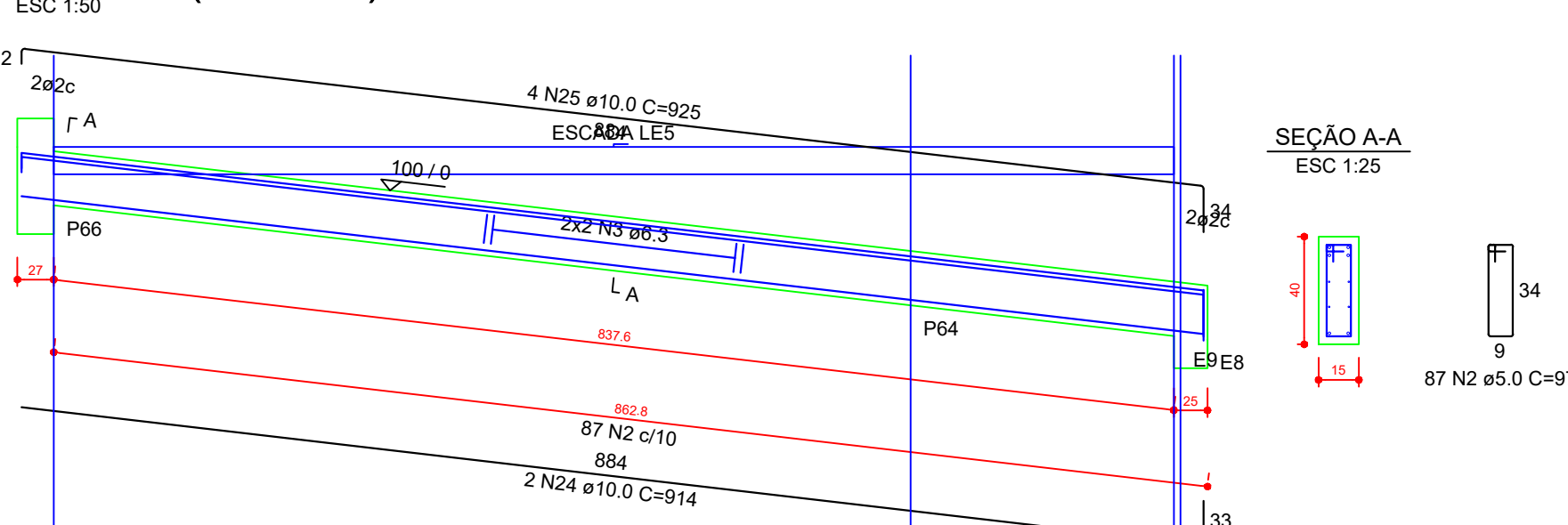
VPA58 (15 x 27)



VPA59 (15 x 27)



VPA60 (15 x 40)



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
VPA46	1	5.0	445	71	31595
VPA47	2	5.0	87	97	8439
VPA48	3	6.3	4	corr	3536
VPA49	4	8.0	2	110	220
VPA50	5	8.0	2	116	232
VPA51	6	8.0	4	155	620
VPA52	7	8.0	2	290	580
VPA53	8	8.0	2	307	614
VPA54	9	8.0	2	225	452
VPA55	10	8.0	2	246	492
VPA56	11	8.0	4	106	424
VPA57	12	8.0	2	134	268
VPA58	13	8.0	2	128	256
VPA59	14	8.0	2	148	296
VPA60	15	8.0	2	156	312
	16	8.0	4	1074	4296
	17	8.0	2	1106	2212
	18	8.0	2	1104	2208
	19	8.0	4	186	744
	20	8.0	4	202	808
	21	8.0	8	174	1392
	22	8.0	2	887	1774
	23	8.0	2	909	1818
	24	10.0	2	914	1828
	25	10.0	4	925	3700

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	35.4	8.5
CA50	8.0	200.2	86.9
CA60	10.0	55.3	37.5
CA60	5.0	400.3	67.9
PESO TOTAL (kg)			
CA50	133.9		
CA60	67.9		

Volume de concreto (C-30) = 2.22 m³
Área de forma = 27.26 m²

PROJETO

PROJETO ESTRUTURAL - ARQUIBANCADA 1	
CABINES DE NARRAÇÃO, ARQUIBANCADA E BANCO DE RESERVA	
proprietário PREFEITURA MUNICIPAL DE RIO AZUL	prancha: 08/17
projeto e responsável técnico JÉSSICA ELAINE CUSTÓDIO	VIGAS CIRC. 1
Engenheira Civil - CREA-PR-166.458/D	