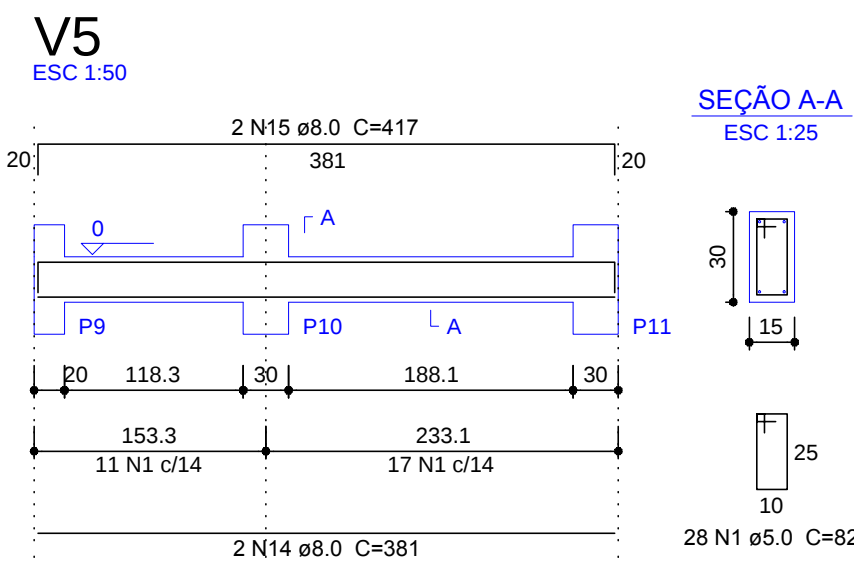
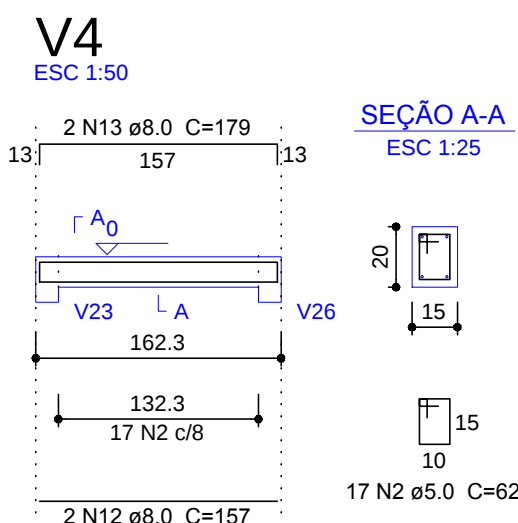
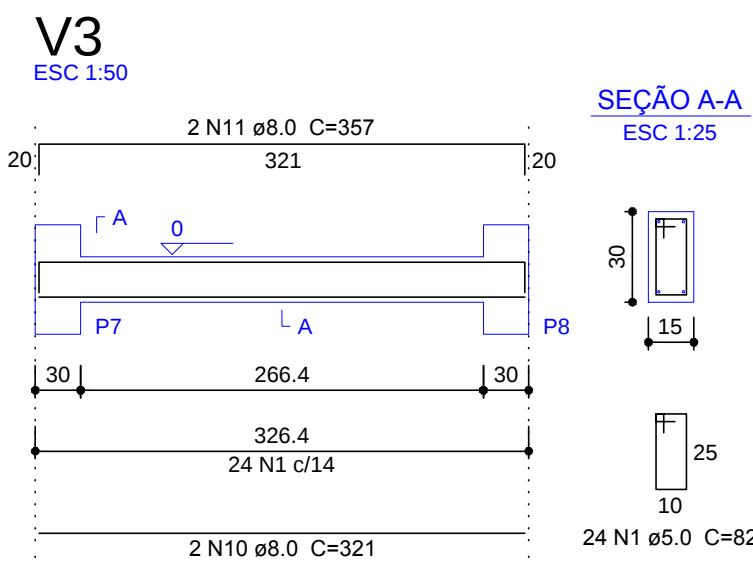
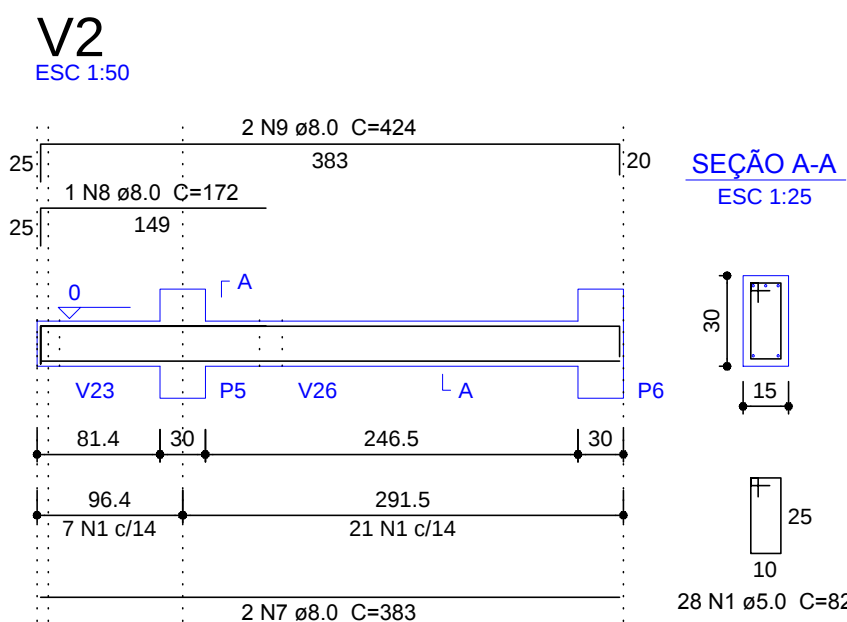
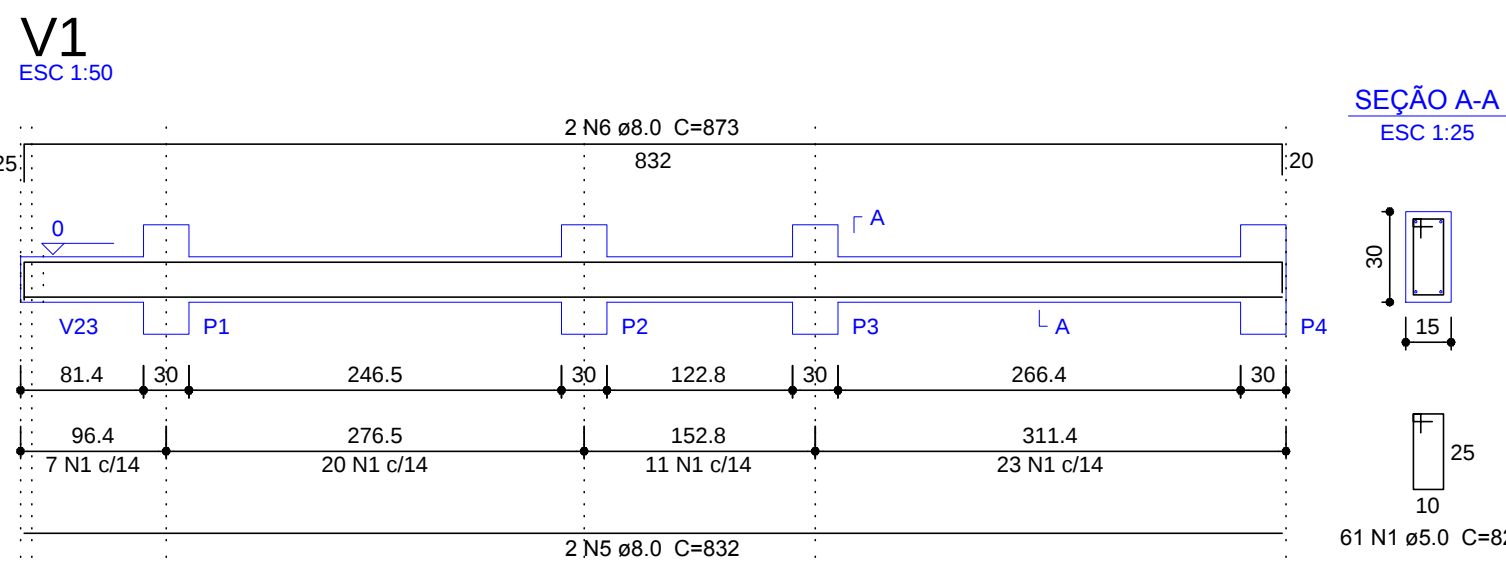
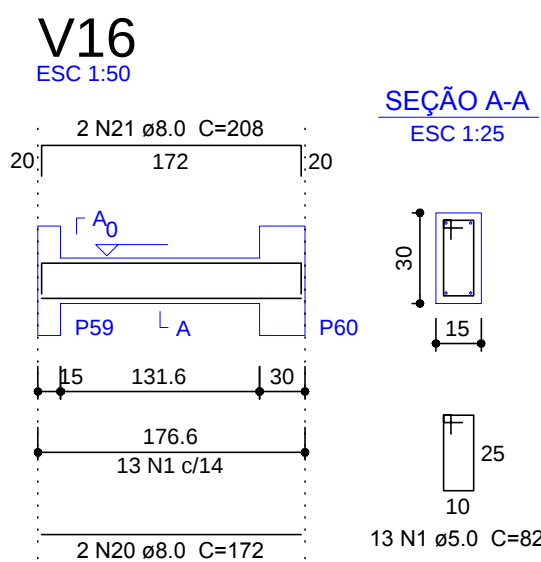
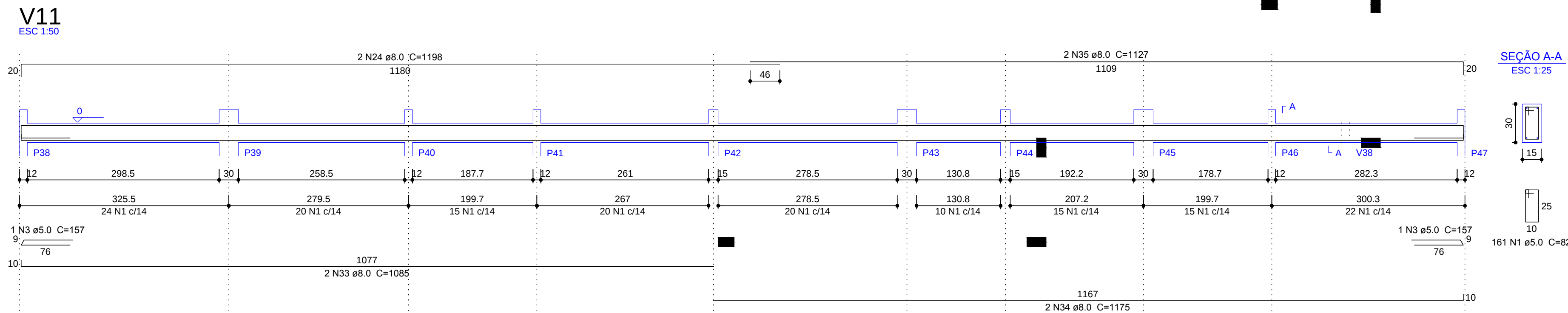
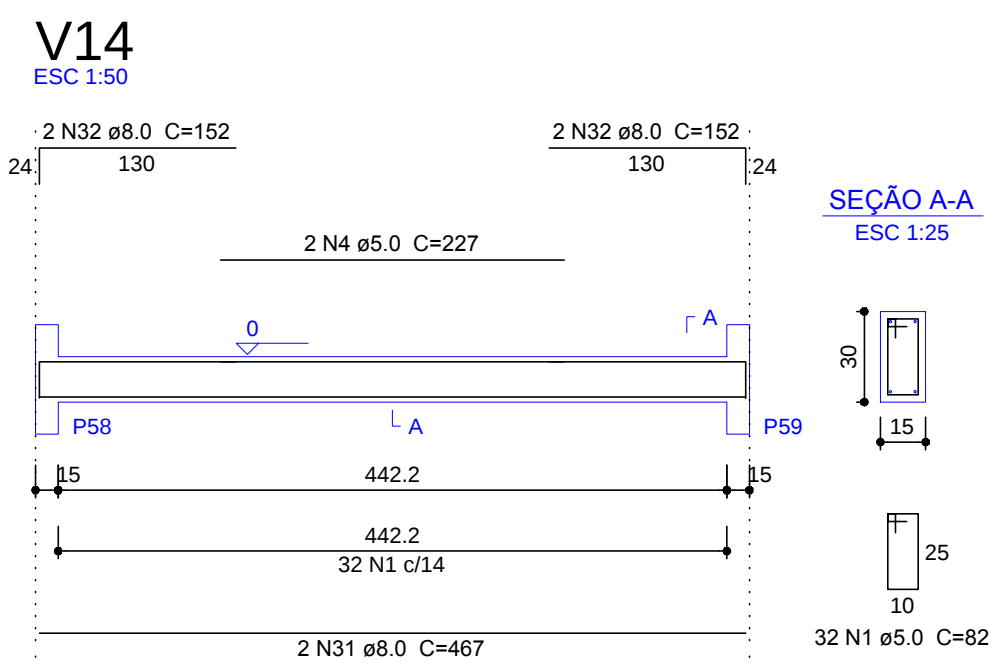
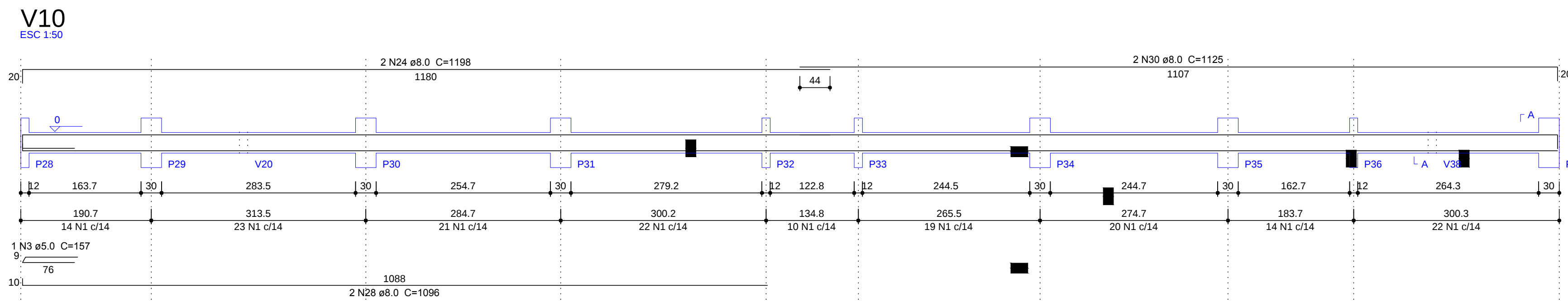
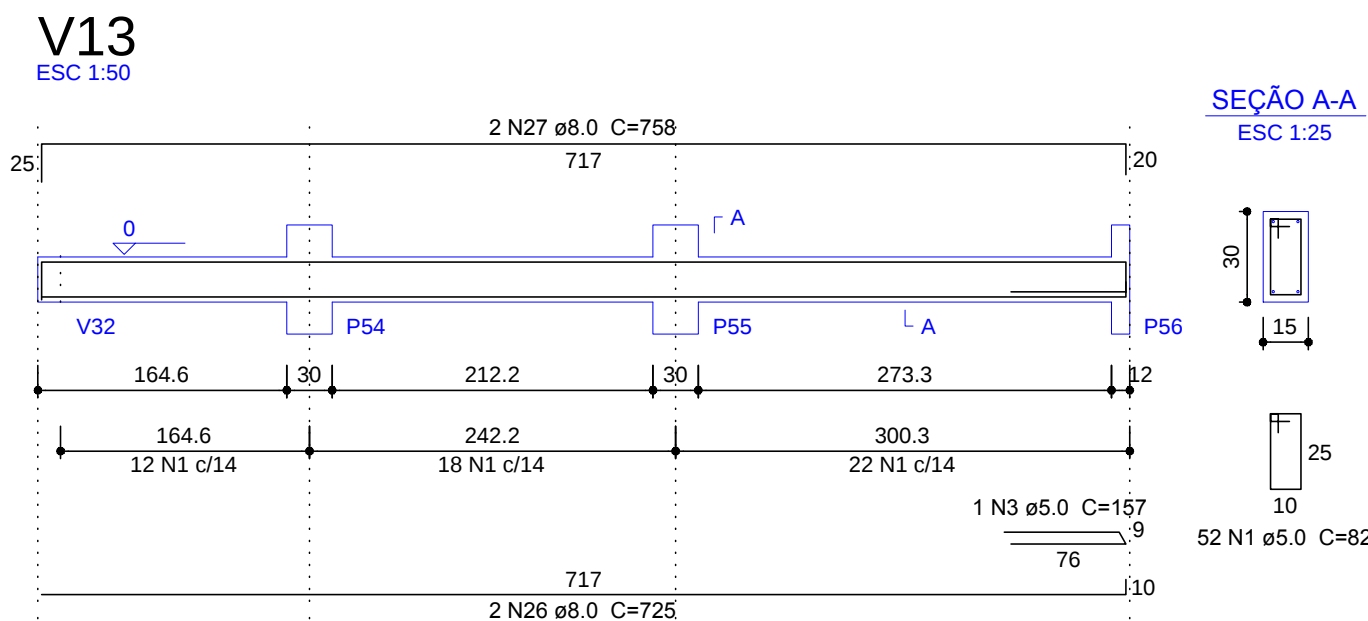
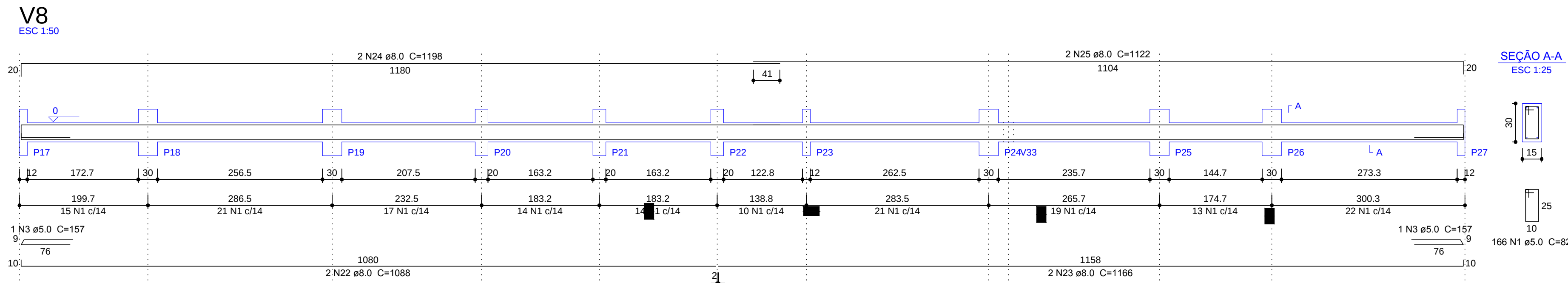
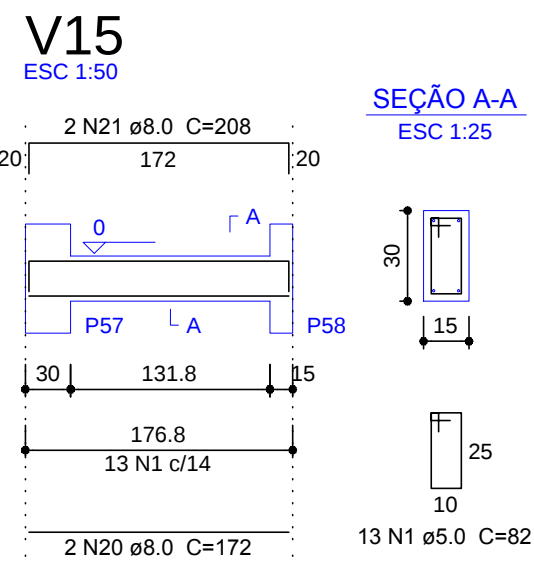
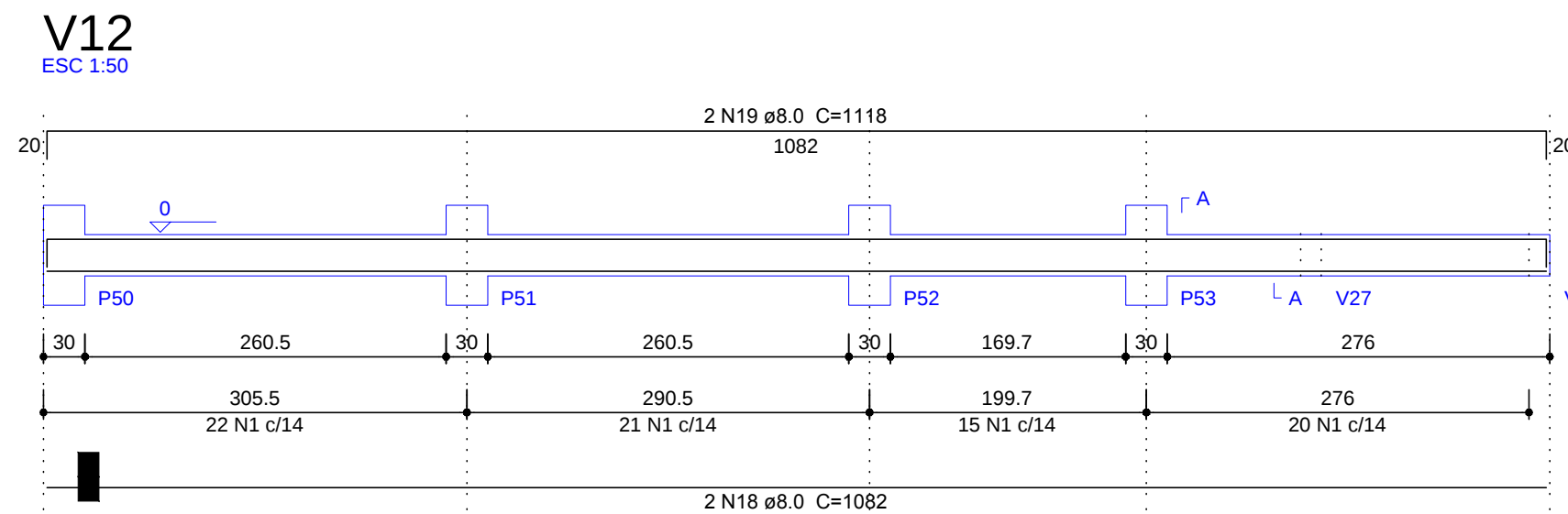
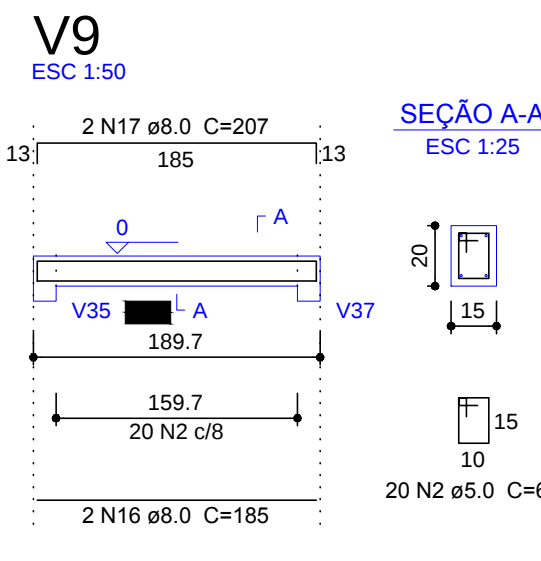
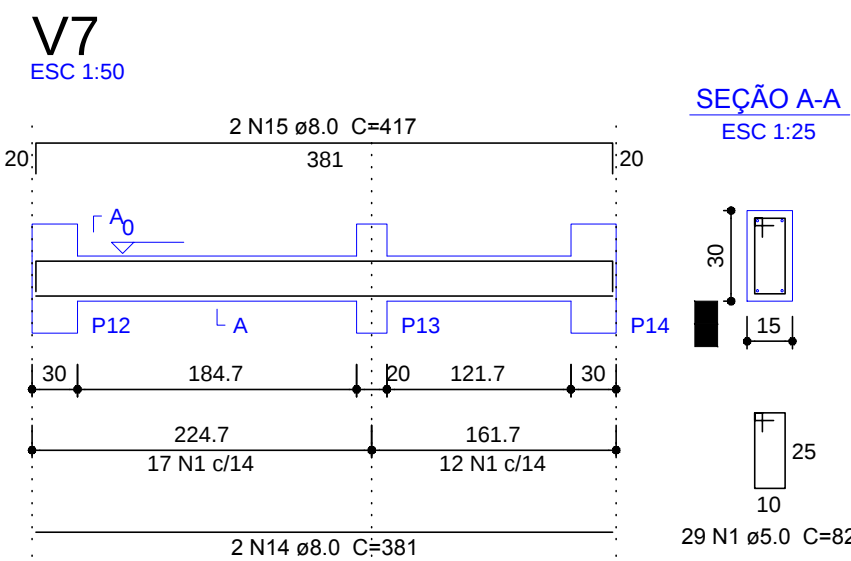
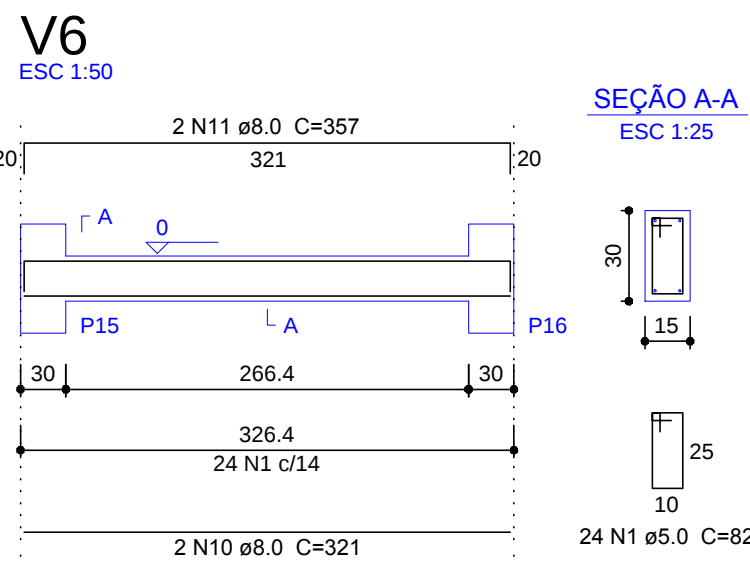




Relação do aço

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	874	82	71668
	2	5.0	37	62	2294
	3	5.0	6	157	942
	4	5.0	2	227	454
CA50	5	8.0	2	832	1664
	6	8.0	2	873	1746
	7	8.0	2	383	766
	8	8.0	1	172	172
	9	8.0	2	424	848
	10	8.0	4	321	1284
	11	8.0	4	357	1428
	12	8.0	2	157	314
	13	8.0	2	179	358
	14	8.0	4	381	1524
	15	8.0	4	417	1668
	16	8.0	2	185	370
	17	8.0	2	207	414
	18	8.0	2	1082	2164
	19	8.0	2	1118	2236
	20	8.0	4	172	688
	21	8.0	4	208	832
	22	8.0	2	1088	2176
	23	8.0	2	1166	2332
	24	8.0	6	1198	7188
	25	8.0	2	1122	2244
	26	8.0	2	725	1450
	27	8.0	2	758	1516
	28	8.0	2	1096	2192
	29	8.0	2	1158	2316
	30	8.0	2	1125	2250
	31	8.0	2	467	934
	32	8.0	4	152	608
	33	8.0	2	1085	2170
	34	8.0	2	1175	2350
	35	8.0	2	1127	2254



PROJETO ESTRUTURAL

PRORURAL
PROJETOS RURAIS TOPOGRAFIA DANTE LTDA
RUA JOSÉ CARTEIRI, 101 - VILA PRATENSE - FONE: (0xx43)3472-2413 DU FAX: (0xx43)3472-6961
prorural@netnet.com.br

Responsável Técnico:

Ivo Marini
Engenheiro Civil - CREA/PR 1.0765/D

Obra:
UNIDADE DE SAÚDE
RUA CASTRO ALVES LT 01,02,03,12,13 e 14 QD 04, RESIDENCIAL PORTO BELLO, VAIPORÃ-PR
Proprietário:
PREFEITURA MUNICIPAL DE VAIPORÃ-PR
Conteúdo:
DET VIGA BALDRAME - 1

Folha Número: 04
Total Folhas: 08

Operador CAD:

Escala:

Data:

Arquivo:

Paulo Ghizoni

Indicada

fevereiro .2014

08-estrutural.dwg