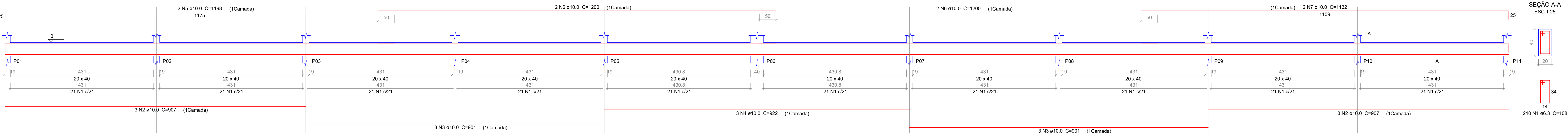


VB01

ESC 1:50



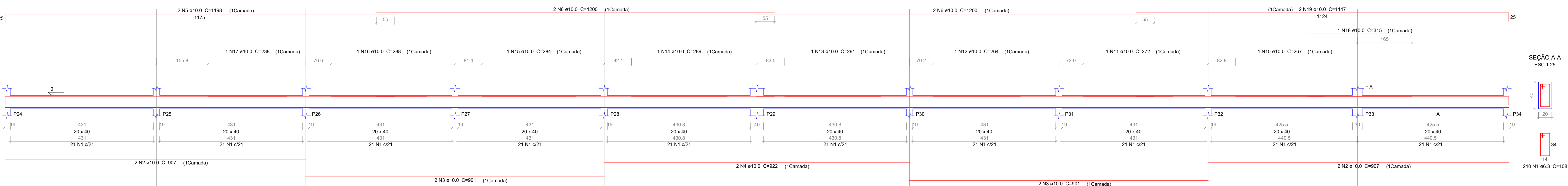
VB02

ESC 1:50



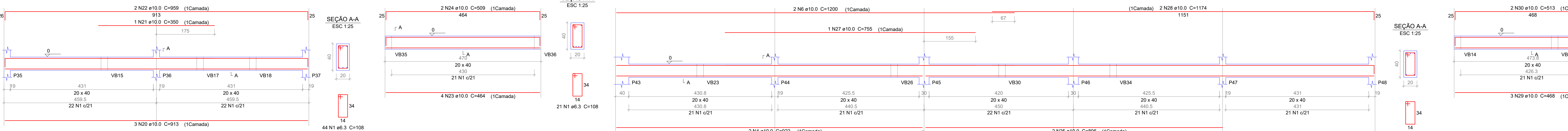
VB03

ESC 1:50



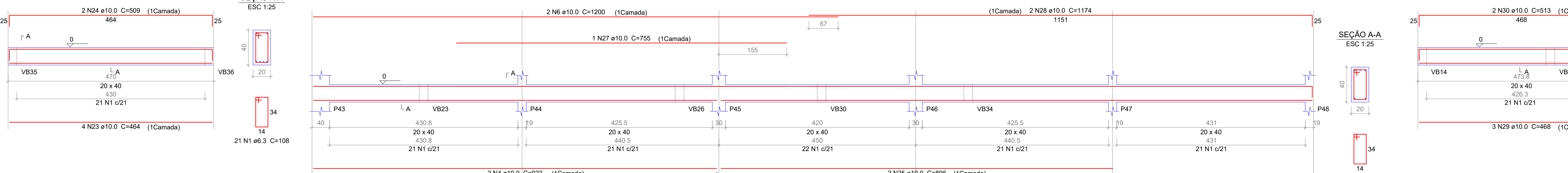
VB04

ESC 1:50



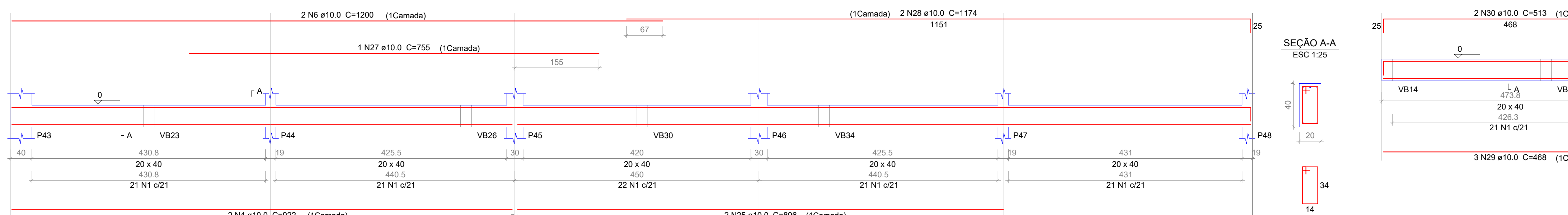
VB05

ESC 1:50



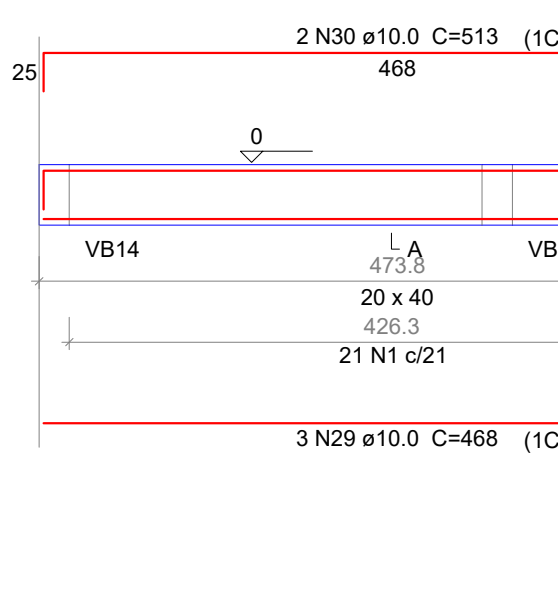
VB06

ESC 1:50



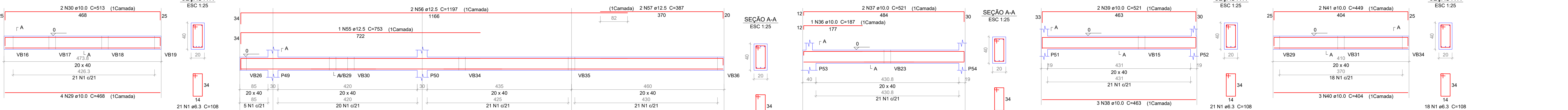
VB07

ESC 1:50



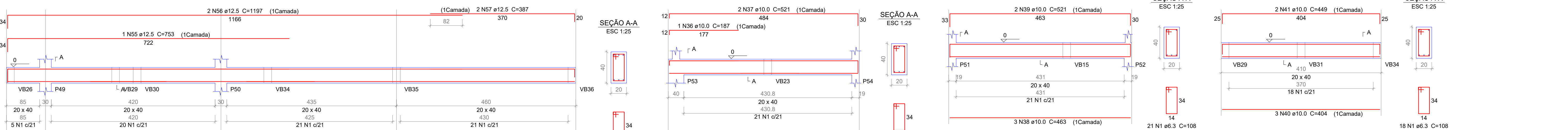
VB08

ESC 1:50



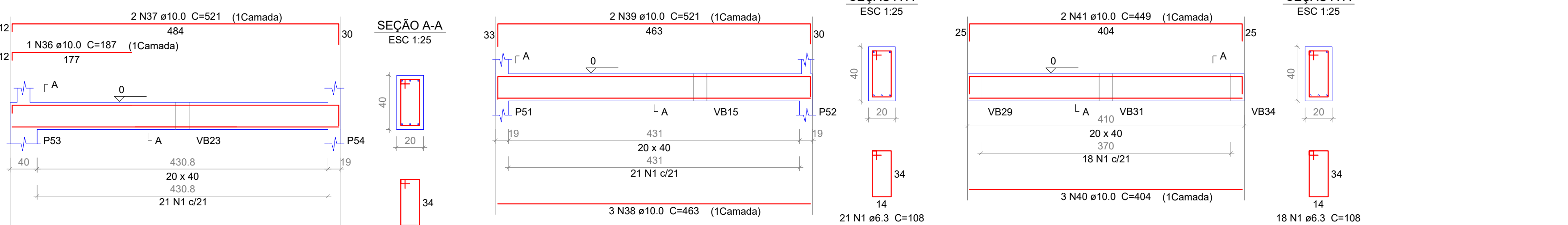
VB09

ESC 1:50



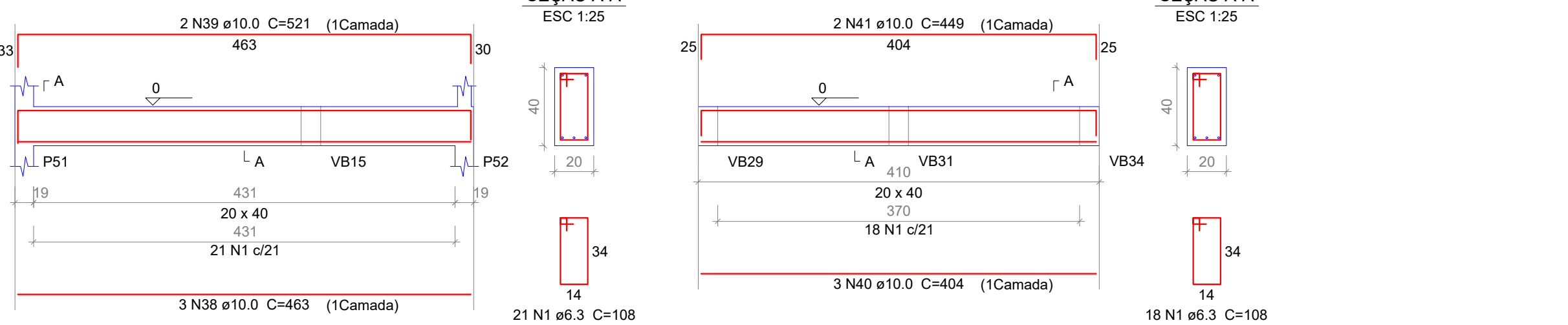
VB10

ESC 1:50



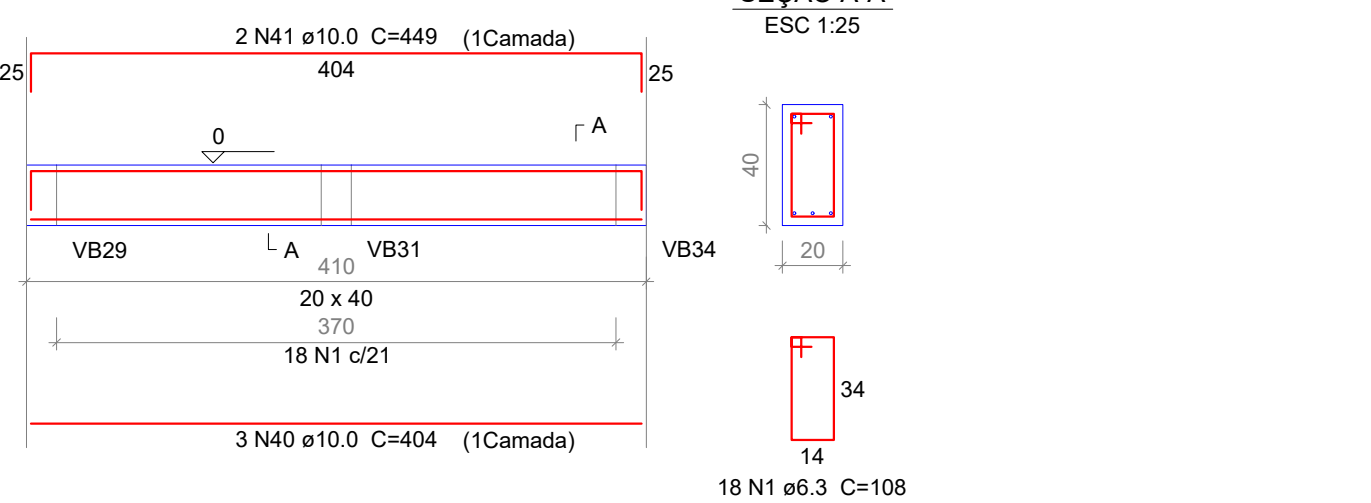
VB11

ESC 1:50



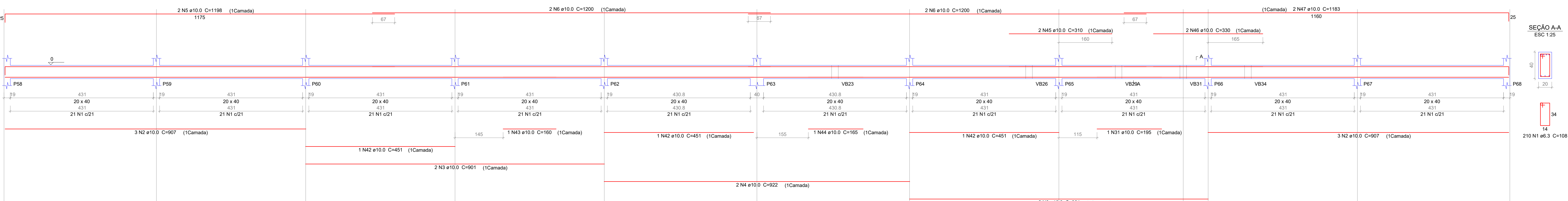
VB12

ESC 1:50



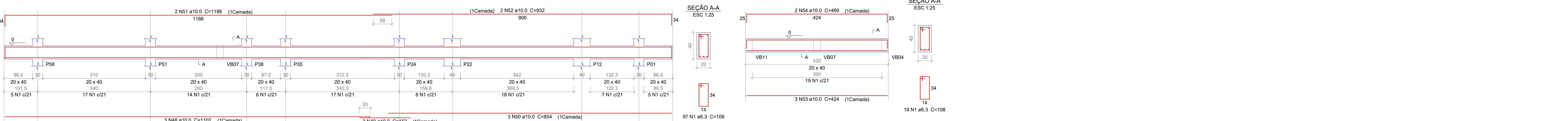
VB13

ESC 1:50



VB14

ESC 1:50



VB15

ESC 1:50



Relação do aço

VB01	VB02	VB03
VB04	VB05	VB06
VB07	VB08	VB09
VB10	VB11	VB12
VB13	VB14	VB15

CAÇO	N	DIAM (mm)	QUANT	UNIT	C.TOTAL
1	6.3	1107	108	119556	
2	10.0	16	907	14512	
3	10.0	14	901	12614	
4	10.0	9	822	8298	
5	10.0	6	1198	7188	
6	10.0	14	1200	16800	
7	10.0	2	1132	2264	
8	10.0	3	458	1374	
9	10.0	2	503	1006	
10	10.0	1	287	287	
11	10.0	1	272	272	
12	10.0	1	264	264	
13	10.0	1	291	291	
14	10.0	1	289	289	
15	10.0	1	284	284	
16	10.0	1	288	288	
17	10.0	1	238	238	
18	10.0	1	315	315	
19	10.0	2	1147	2294	
20	10.0	3	913	2739	
21	10.0	1	300	300	
22	10.0	2	999	1998	
23	10.0	4	464	1856	
24	10.0	2	509	1018	
25	10.0	2	896	1792	
26	10.0	5	457	2285	
27	10.0	1	755	755	
28	10.0	2	1174	2348	
29	10.0	7	468	3276	
30	10.0	4	513	2052	
31	10.0	2	195	390	
32	10.0	1	175	175	
33	10.0	2	1020	2040	
34	10.0	1	150	150	
35	10.0	2	484	968	
36	10.0	1	187	187	
37	10.0	2	521	1042	
38	10.0	3	463	1389	
39	10.0	2	521	1042	
40	10.0	3	404	1212	
41	10.0	2	449	898	
42	10.0	3	451	1353	
43	10.0	1	160	160	
44	10.0	1	165	165	
45	10.0	2	310	620	
46	10.0	2	330	660	
47	10.0	2	1183	2366	
48	10.0	3	1102	3306	
49	10.0	3	153	459	
50	10.0	3	804	2412	
51	10.0	2	1198	2396	
52	10.0	2	932	1864	
53	10.0	3	424	1272	
54	10.0	2	489	978	
55	12.5	1	753	753	
56	12.5	2	1197	2394	
57	12.5	2	387	774	

Resumo do aço

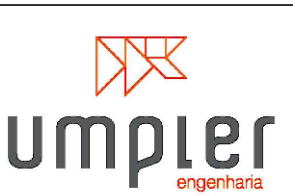
CAÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
1	6.3	1195.6	321.8
2	10.0	1168.7	792.5
3	12.5	39.3	41.5
PESO TOTAL			1155.9

Volume de concreto (C=30) = 19.19 m³

Área de forma = 238.83 m²

Prefeitura Municipal de São Carlos

Secretaria Municipal de Habitação e Desenvolvimento Urbano



Construção CEMEI Água Vermelha - Padrão (FDE - 150 alunos)

Endereço: Av. Dr. Ernesto Pereira Lopes, s/n - Distrito de Água Vermelha

Município - UF: São Carlos, SP.

Proprietário: Prefeitura Municipal de São Carlos

Código: CEMEI-ÁGUA-VERMELHA_ESTRUTURA_FOLHA-05-22_REV.00

Responsável Técnico: Engenheiro Julio Cesar Ortiz Moran

Julio Cesar Ortiz Moran

Responsável Técnico

CREA: 5063045310

PROJETO EXECUTIVO

ESTRUTURA

Conteúdo (Descrição):

VIGAS DE FUNDAÇÃO 01

Projeto:

ESTRUTURAL

Barrido:

00

Folha:

05/22

Escala:

Indicadas

Data:

Abril / 2021