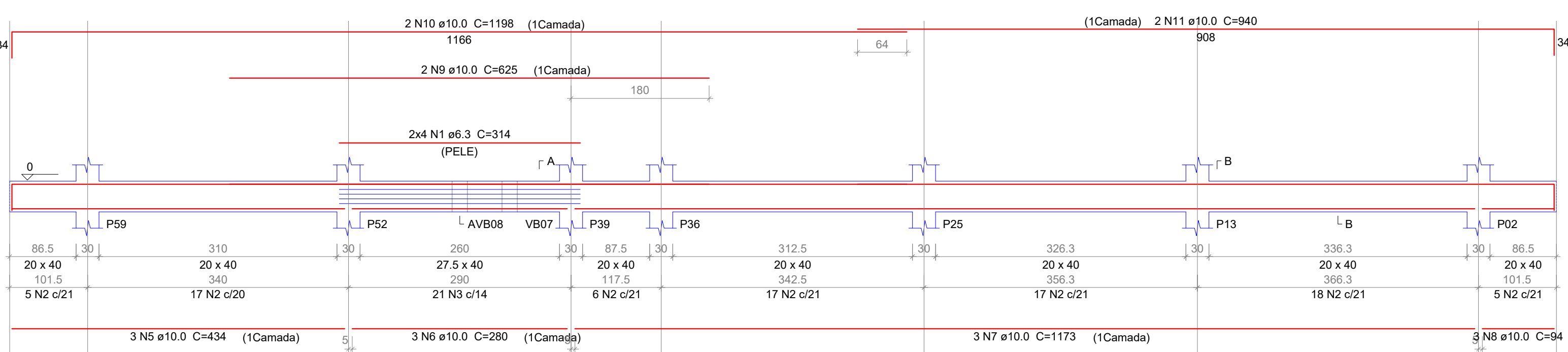


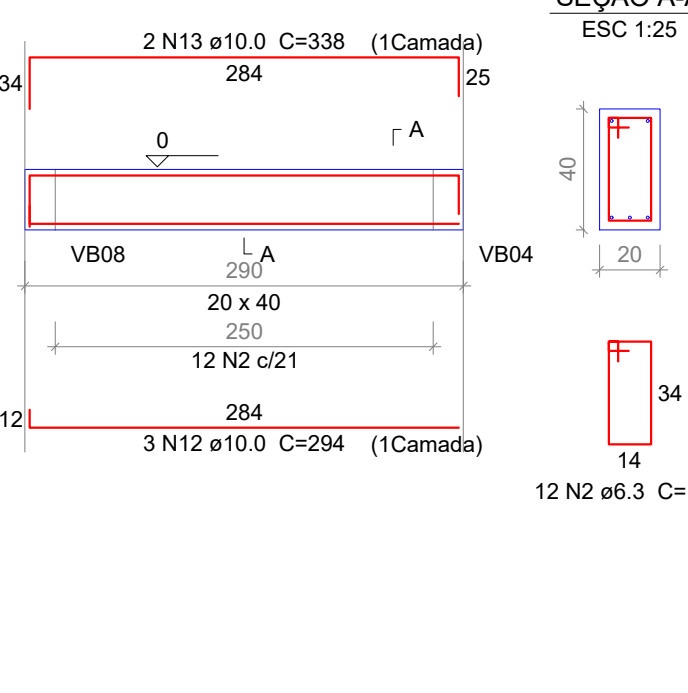
VB16

ESC 1:50



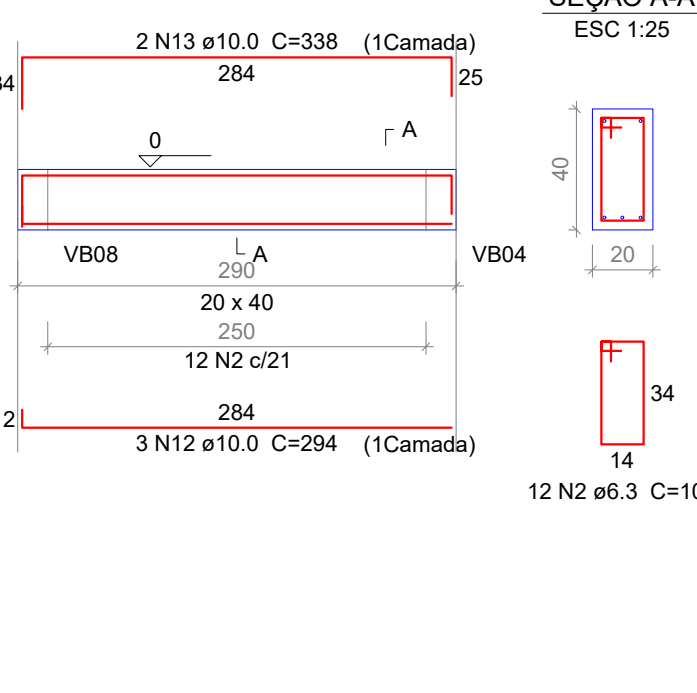
VB17

ESC 1:50



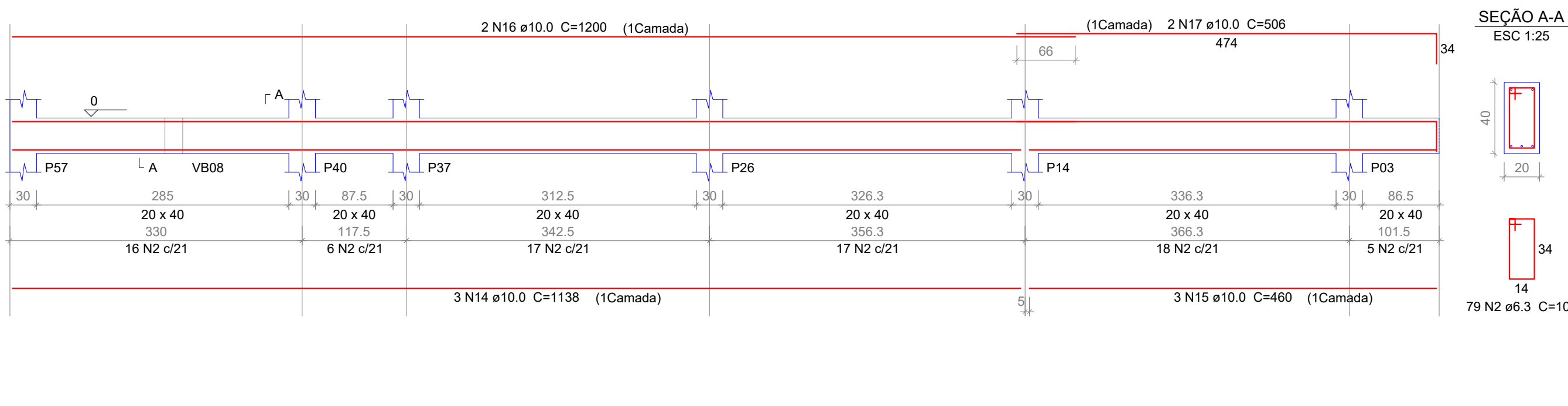
VB18

ESC 1:50



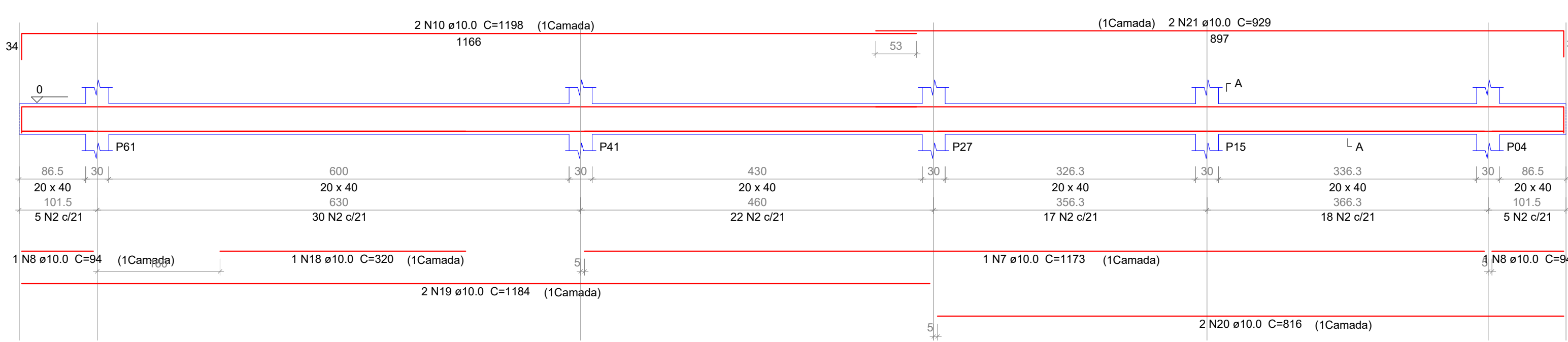
VB19

ESC 1:50



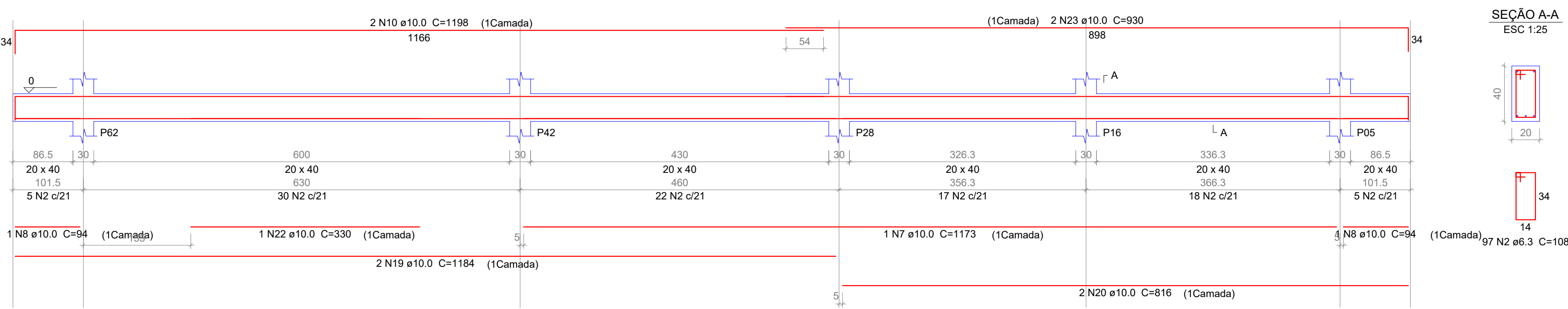
VB20

ESC 1:50



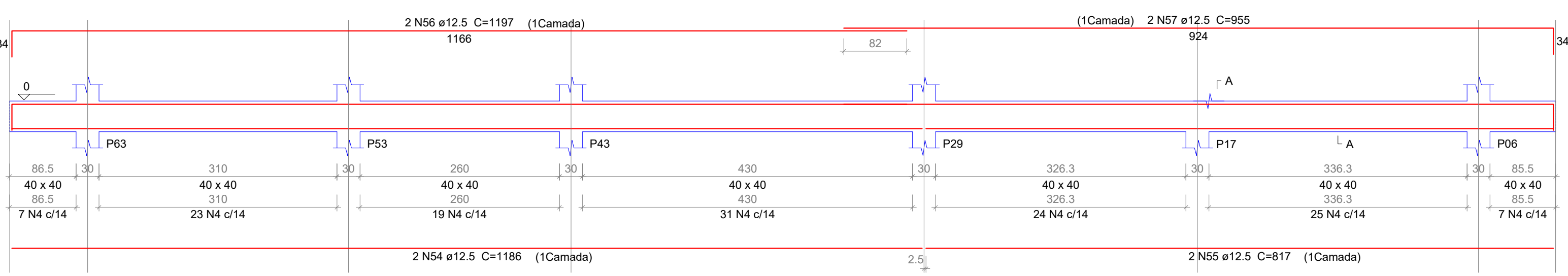
VB21

ESC 1:50



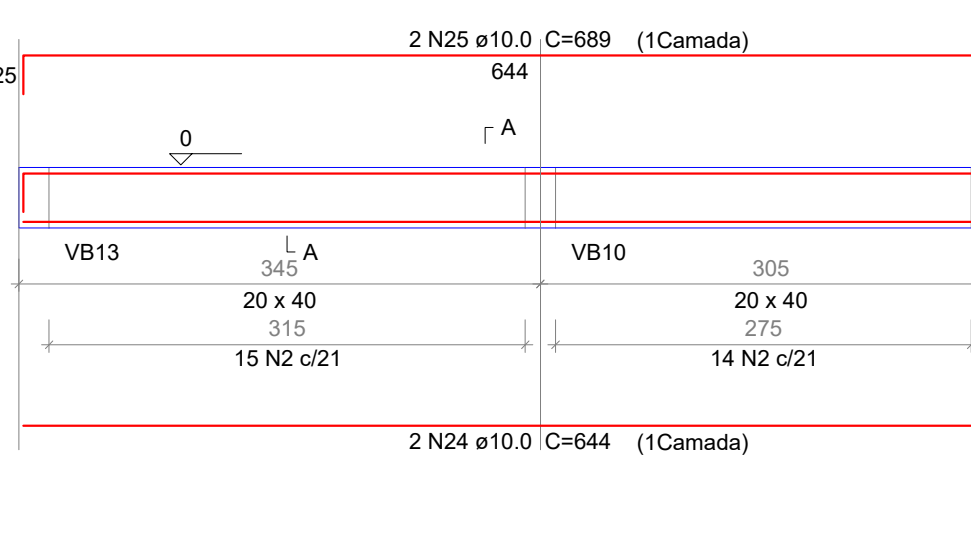
VB22

ESC 1:50



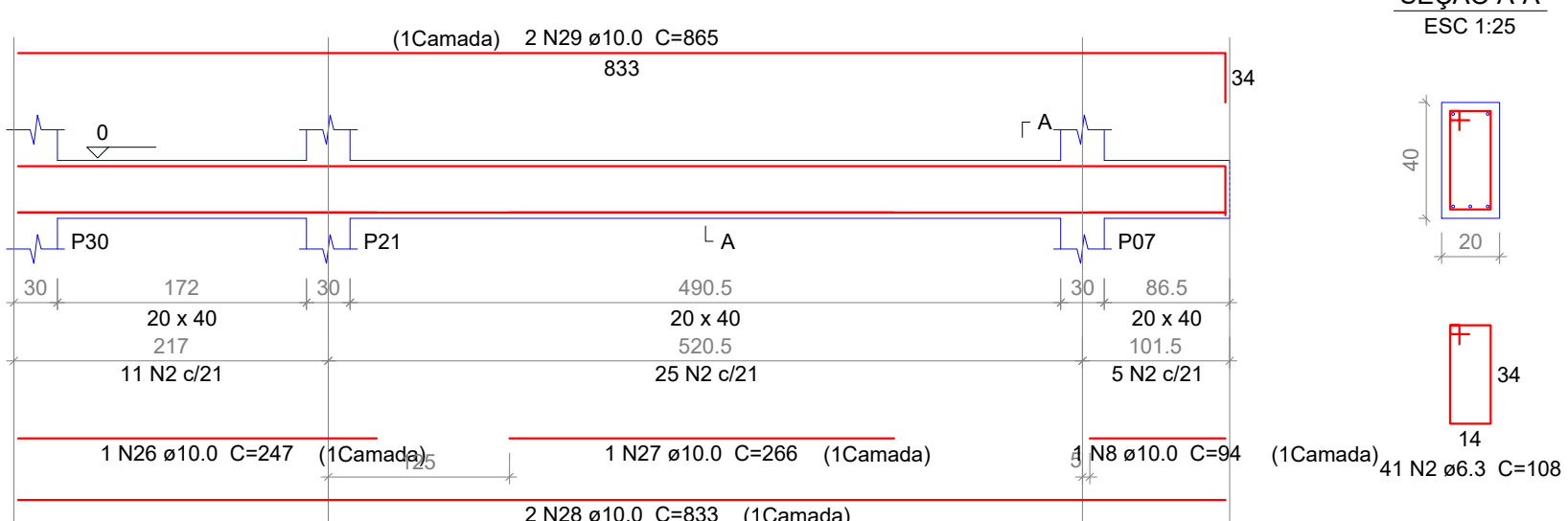
VB23

ESC 1:50



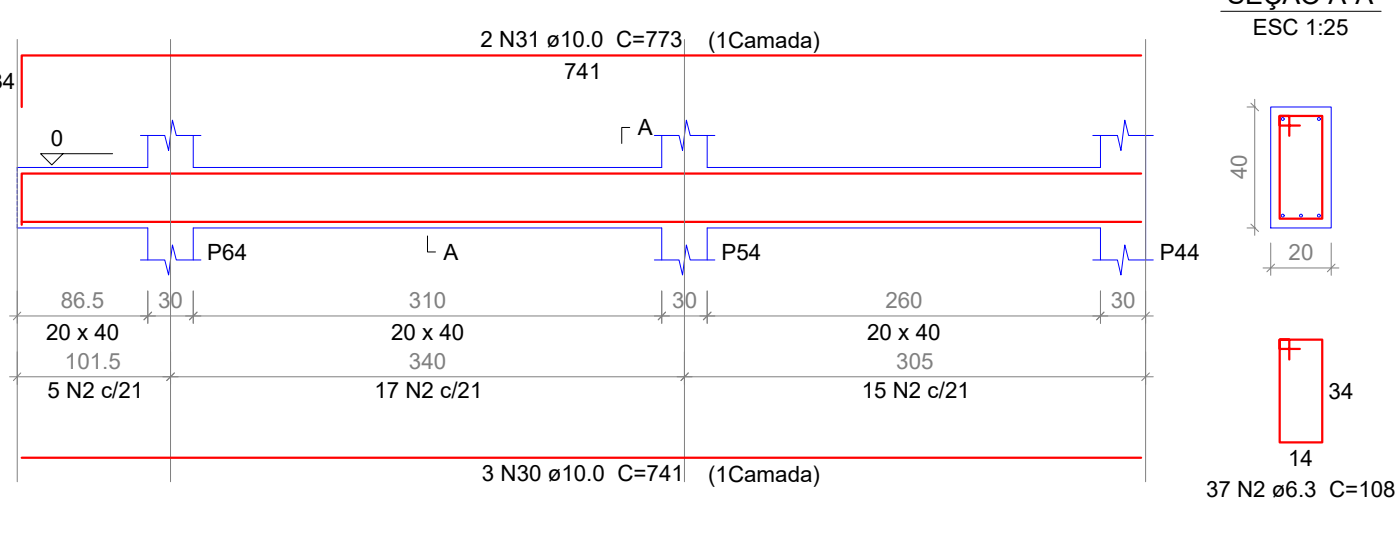
VB24

ESC 1:50



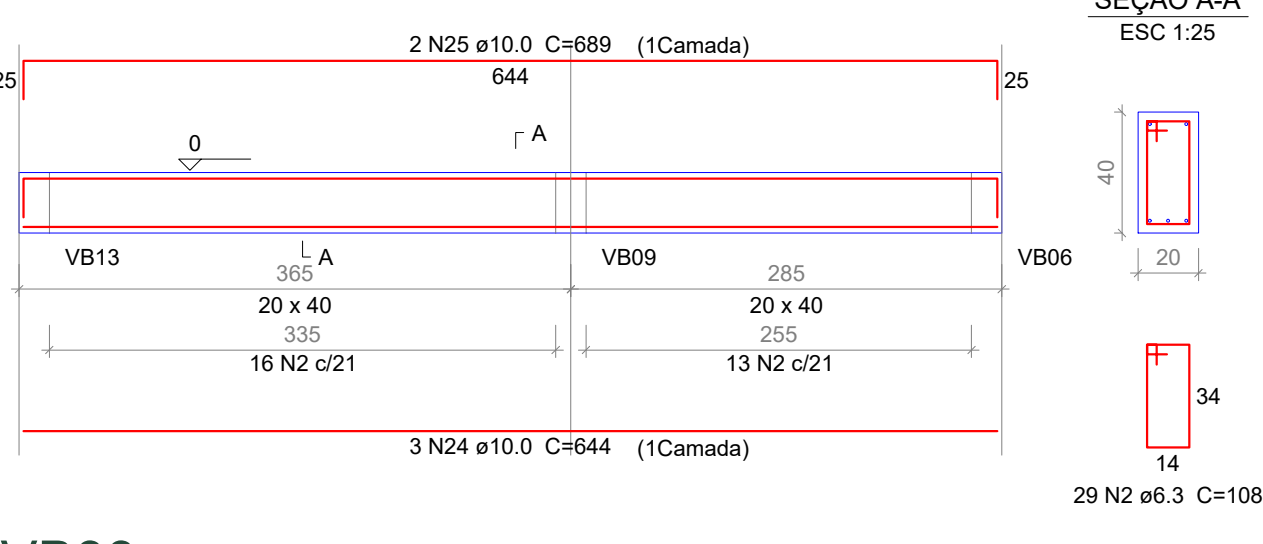
VB25

ESC 1:50



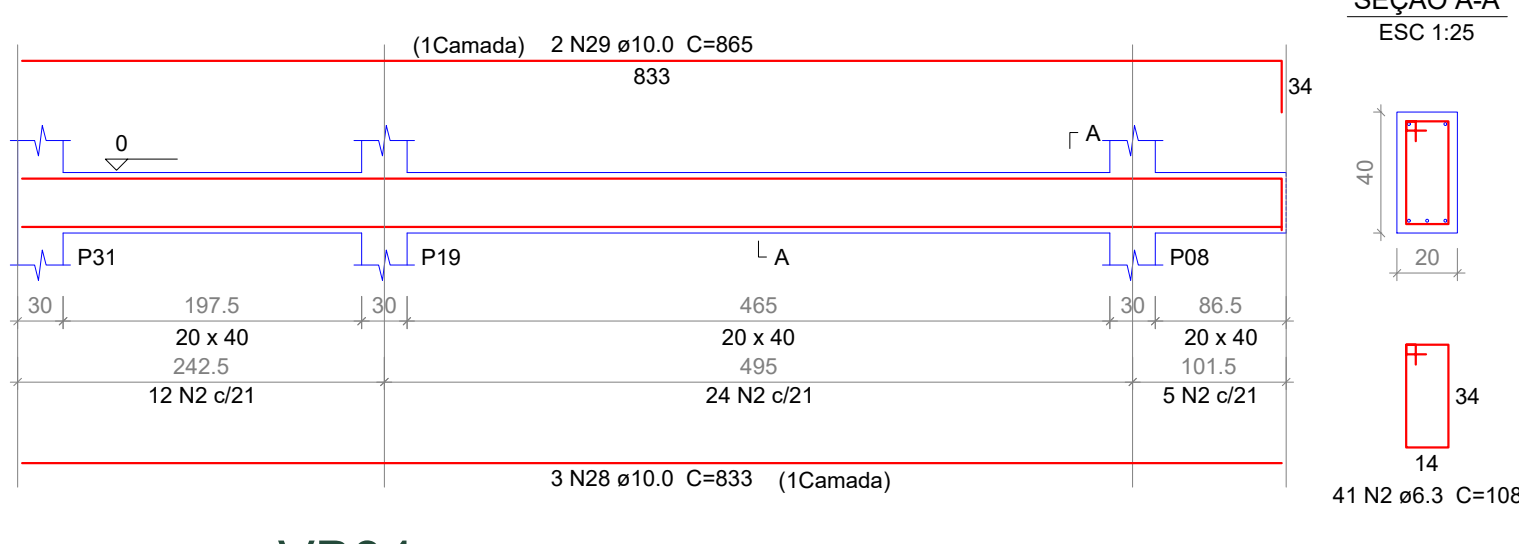
VB26

ESC 1:50



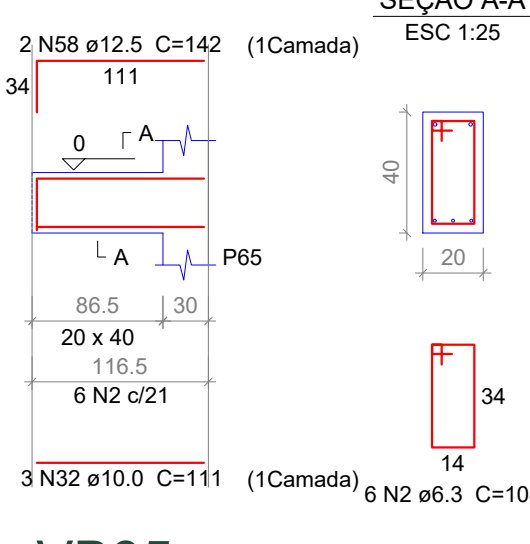
VB27

ESC 1:50



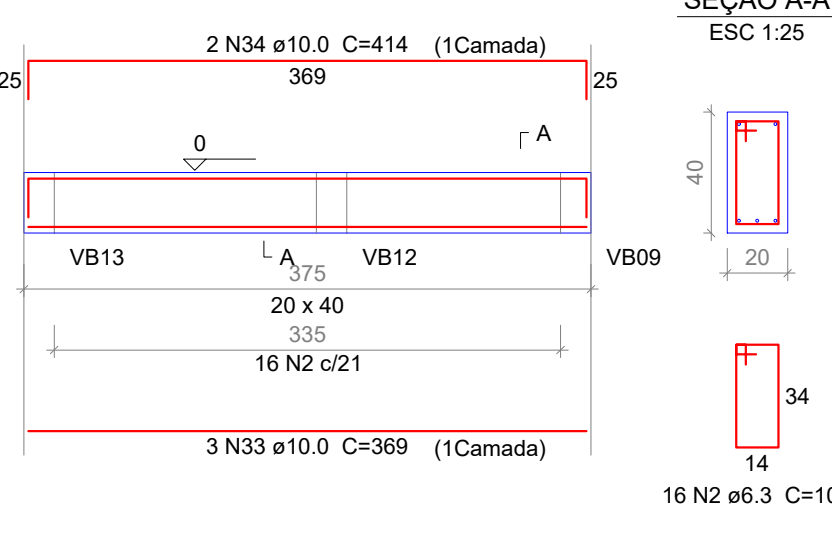
VB28

ESC 1:50



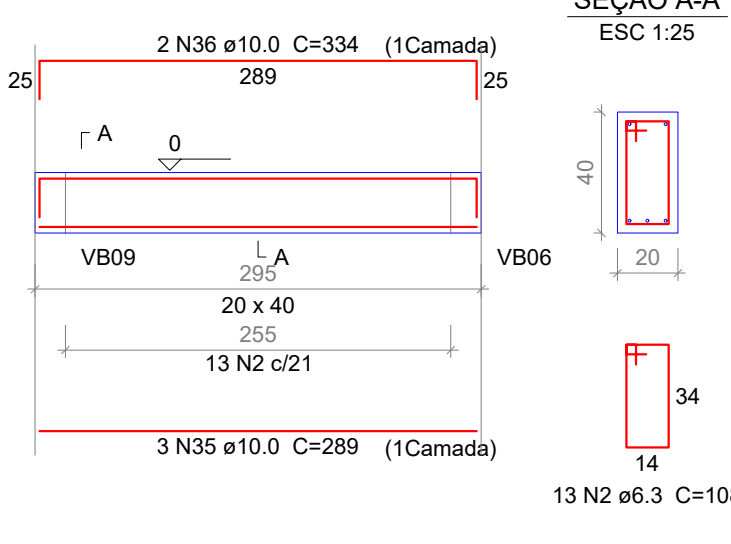
VB29

ESC 1:50



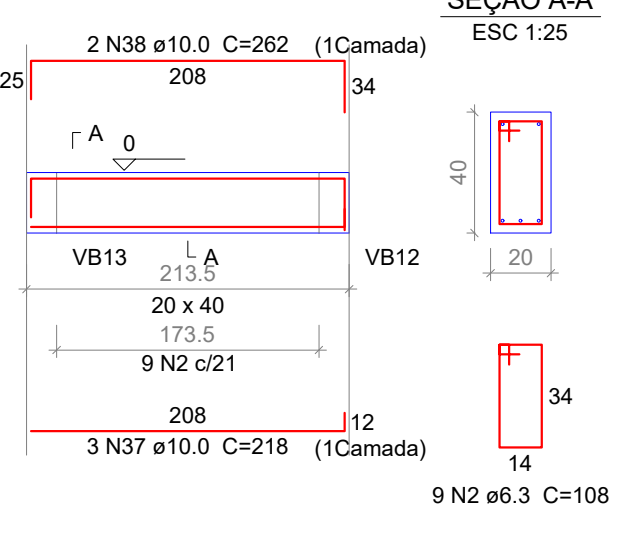
VB30

ESC 1:50



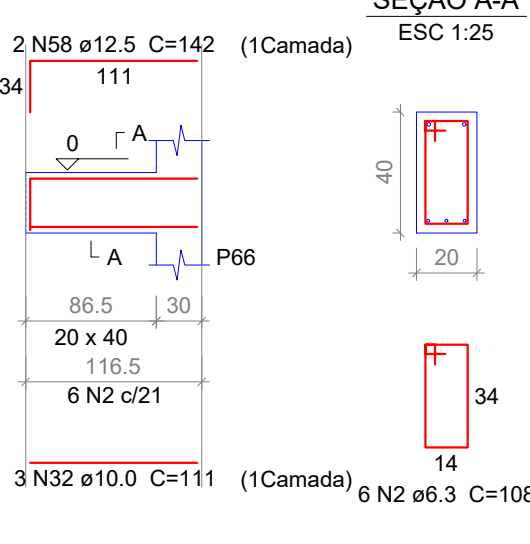
VB31

ESC 1:50



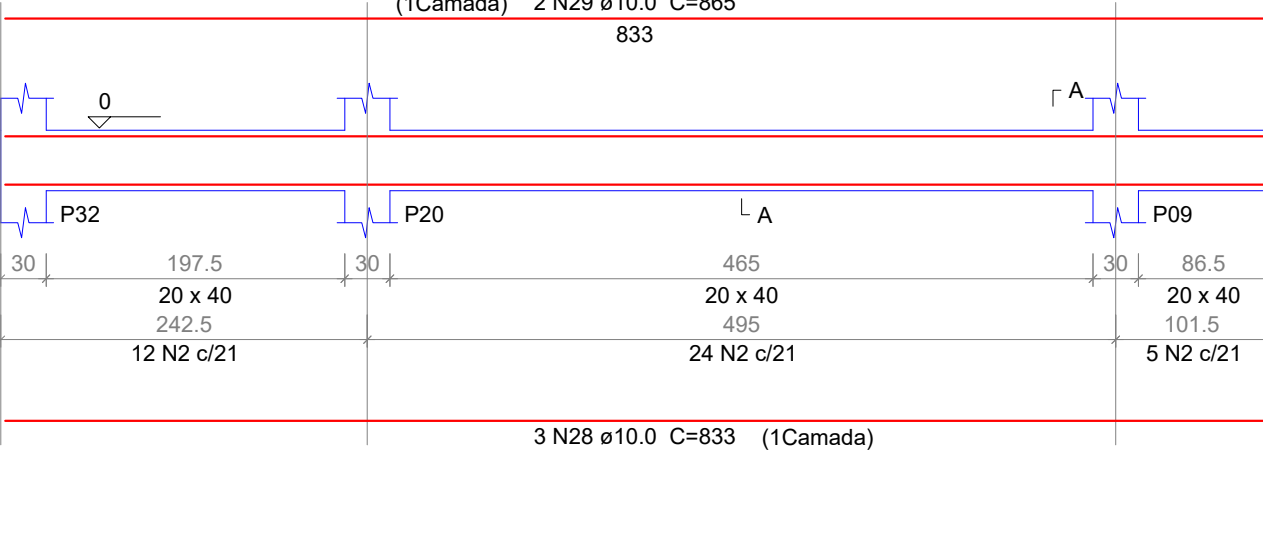
VB32

ESC 1:50



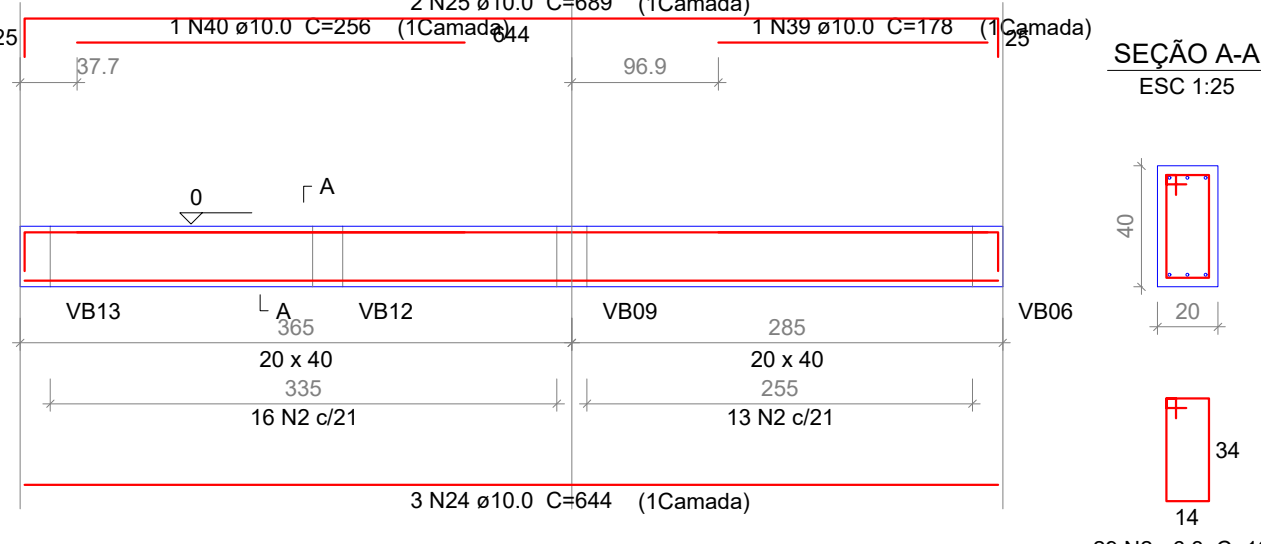
VB33

ESC 1:50



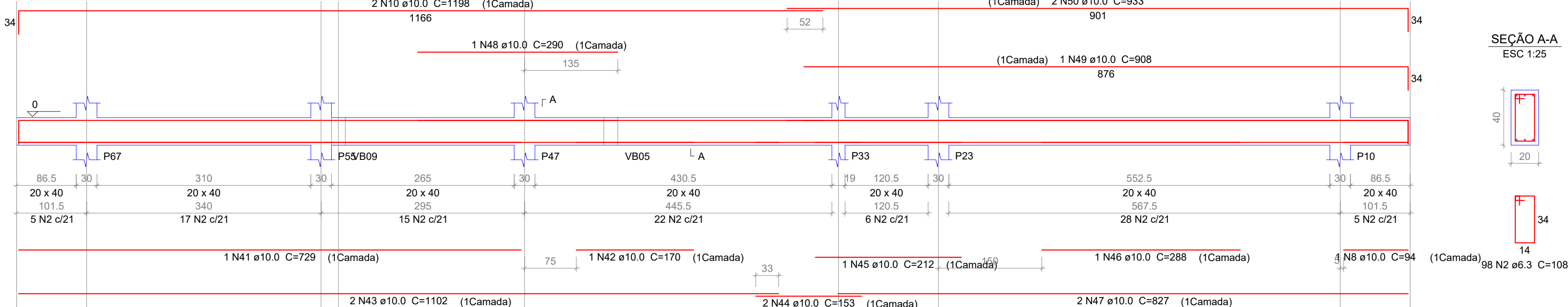
VB34

ESC 1:50



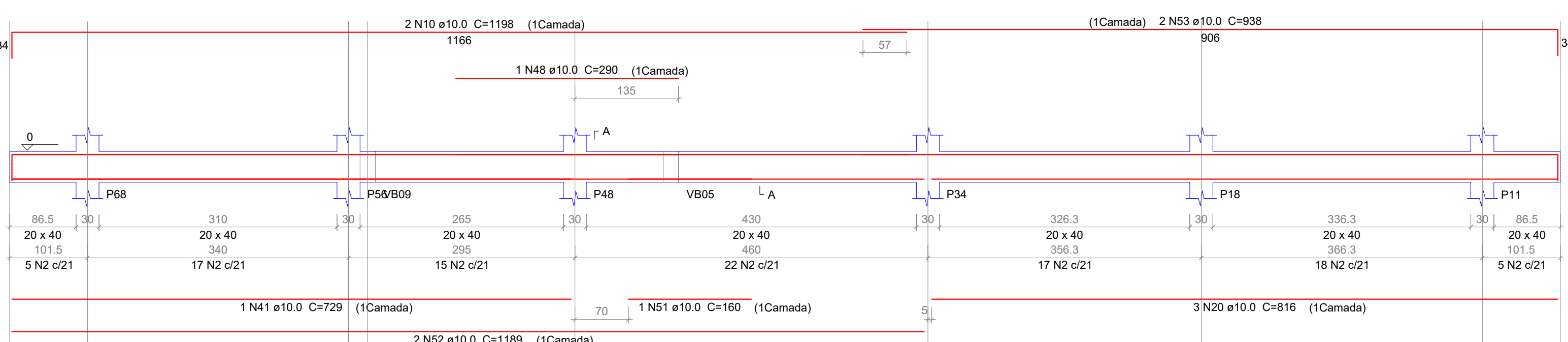
VB35

ESC 1:50



VB36

ESC 1:50



Relação do aço

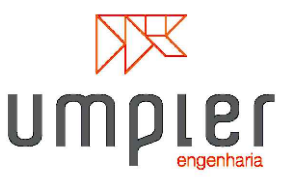
CAISO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
	1	6.3	8	314	2512
	2	6.3	876	108	94608
	3	6.3	21	124	2604
	4	6.3	136	148	20136
	5	10.0	3	434	1302
	6	10.0	3	280	840
	7	10.0	5	1173	5865
	8	10.0	9	84	846
	9	10.0	2	625	1250
	10	10.0	10	1198	11980
	11	10.0	2	840	1680
	12	10.0	6	294	1764
	13	10.0	2	836	1672
	14	10.0	3	1138	3414
	15	10.0	3	460	1380
	16	10.0	2	1200	2400
	17	10.0	2	506	1012
	18	10.0	1	300	300
	19	10.0	4	1184	4736
	20	10.0	7	616	5712
	21	10.0	2	509	1018
	22	10.0	1	330	330
	23	10.0	2	430	860
	24	10.0	8	644	5152
	25	10.0	6	689	4134
	26	10.0	1	247	247
	27	10.0	1	206	206
	28	10.0	8	633	5064
	29	10.0	6	865	5190
	30	10.0	3	141	2223
	31	10.0	2	773	1546
	32	10.0	6	111	666
	33	10.0	3	869	1107
	34	10.0	2	414	828
	35	10.0	3	289	867
	36	10.0	2	334	668
	37	10.0	3	216	648
	38	10.0	2	262	524
	39	10.0	1	178	178
	40	10.0	1	256	256
	41	10.0	2	729	1458
	42	10.0	1	170	170
	43	10.0	2	1102	2204
	44	10.0	2	153	306
	45	10.0	1	212	212
	46	10.0	1	288	288
	47	10.0	2	827	1654
	48	10.0	2	290	580
	49	10.0	1	908	908
	50	10.0	2	833	1666
	51	10.0	1	160	160
	52	10.0	2	1198	2396
	53	10.0	2	838	1676
	54	12.5	2	1186	2372
	55	12.5	2	817	1634
	56	12.5	2	1197	2394
	57	12.5	2	895	1790
	58	12.5	4	142	568

Resumo do aço

CAISO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
	6.3	1186.4	322.6
	10.0	953.4	646.5
	12.5	88.8	94.1
PESO TOTAL (kg)			
CAISO	1083.2		

Volume de concreto (C=30) = 18.2 m³
Área de forma = 210.51 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-06-22_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 02

Escalas: 00

Indicadas: 06/22

Data: Abril / 2021