

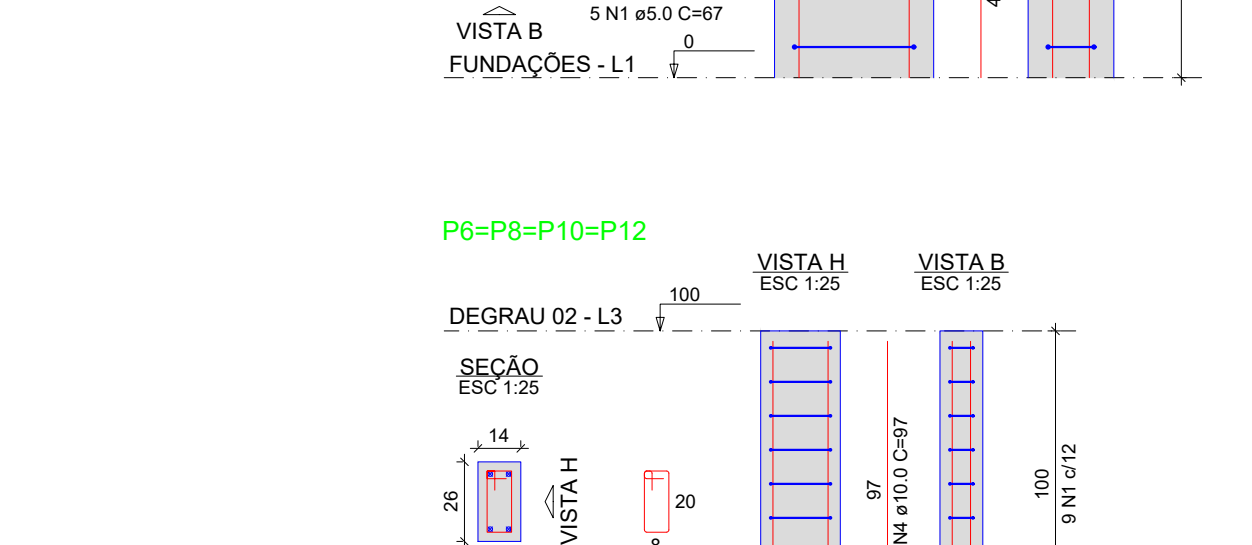
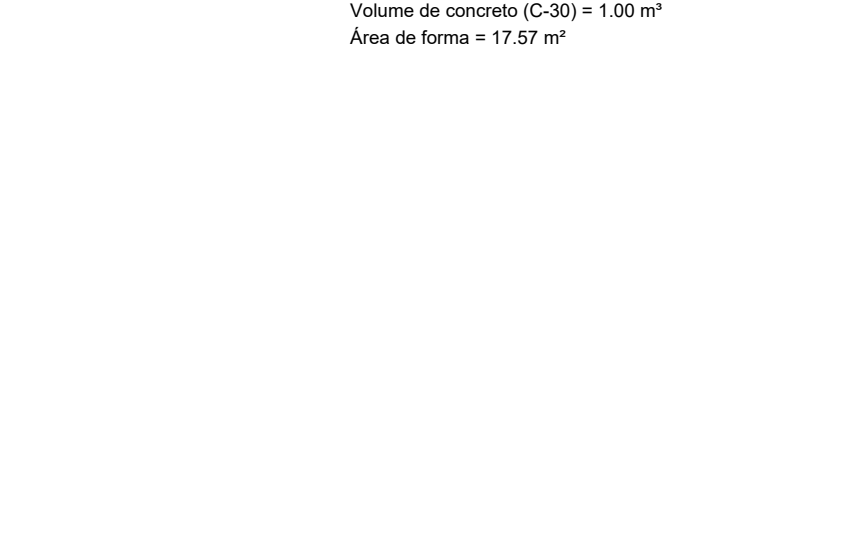
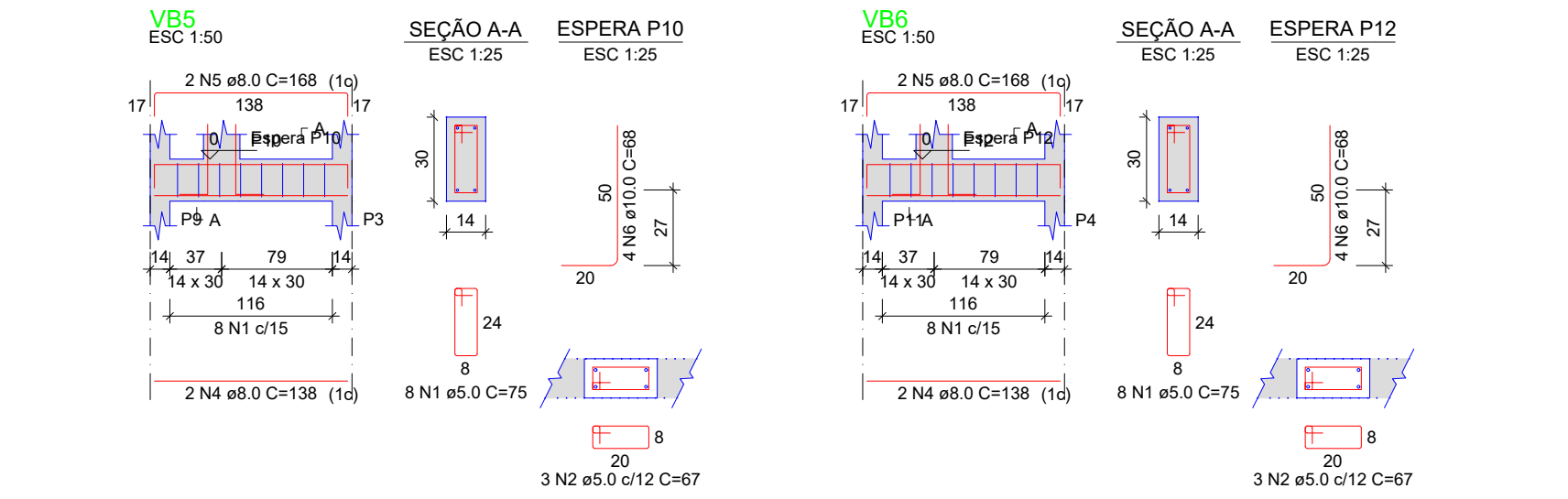
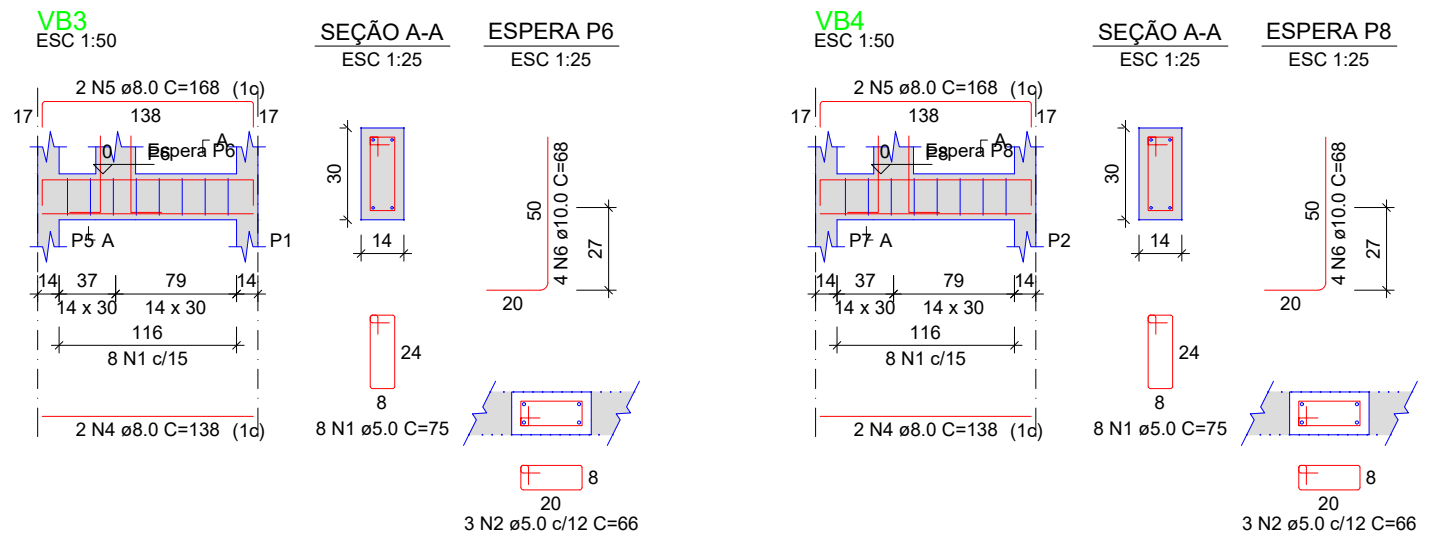
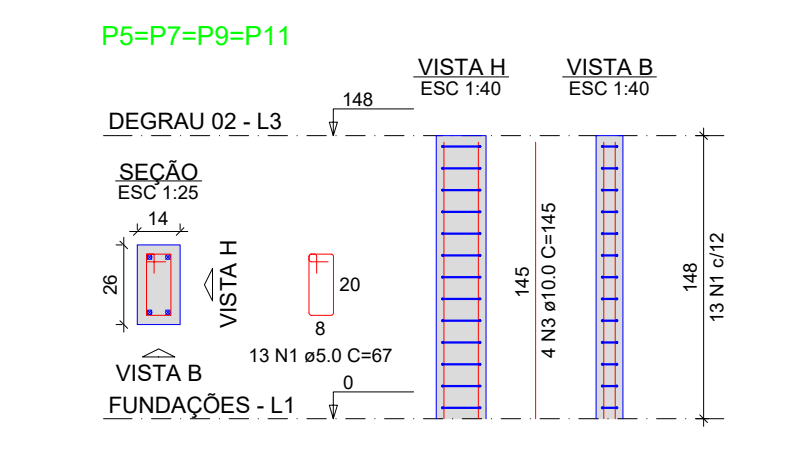
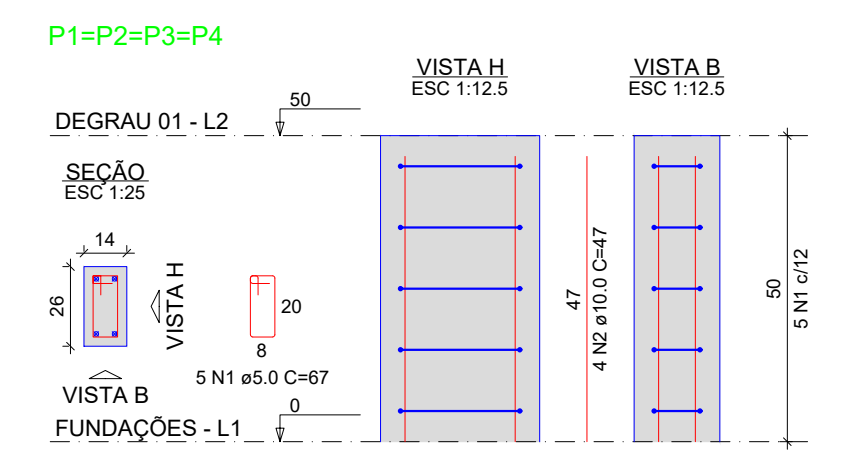
RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	140	75	10500
CA50	2	5.0	12	68	792
	3	8.0	8	893	7144
	4	8.0	8	138	1104
	5	8.0	8	168	1344
	6	10.0	16	68	1088

RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	8.0	95.9	37.8
CA60	5.0	113	6.7
PESO TOTAL (kg)			44.5
CA50			28.8
CA60			15.7

Volume de concreto (C-30) = 1.00 m³
 Área de forma = 17.57 m²



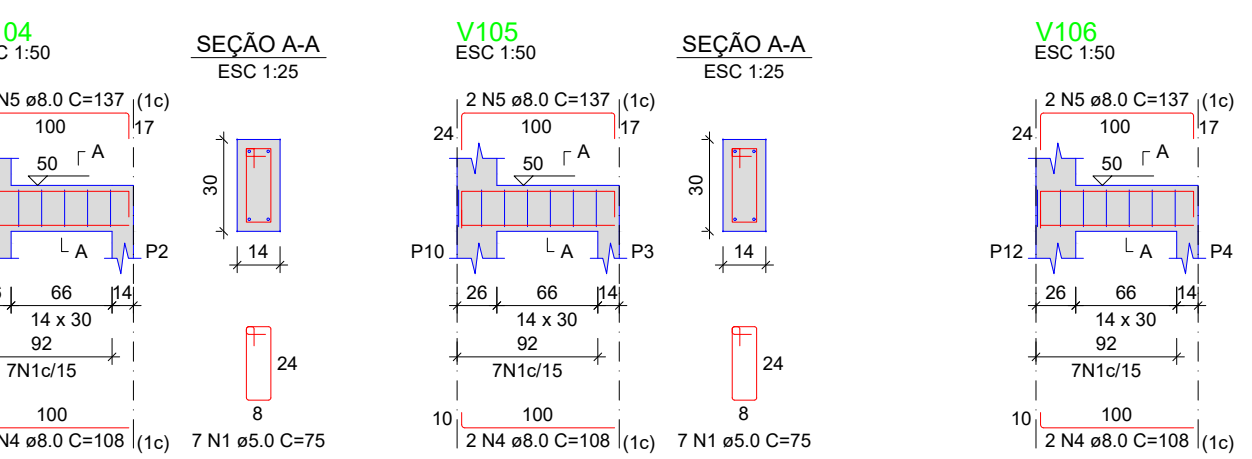
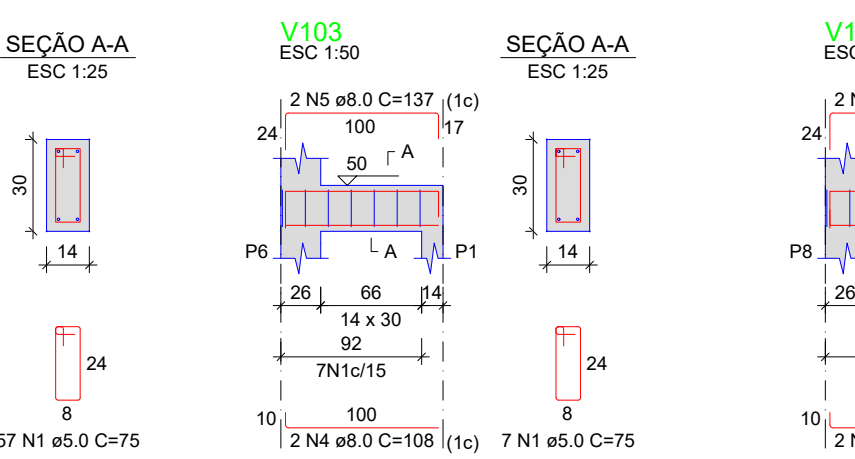
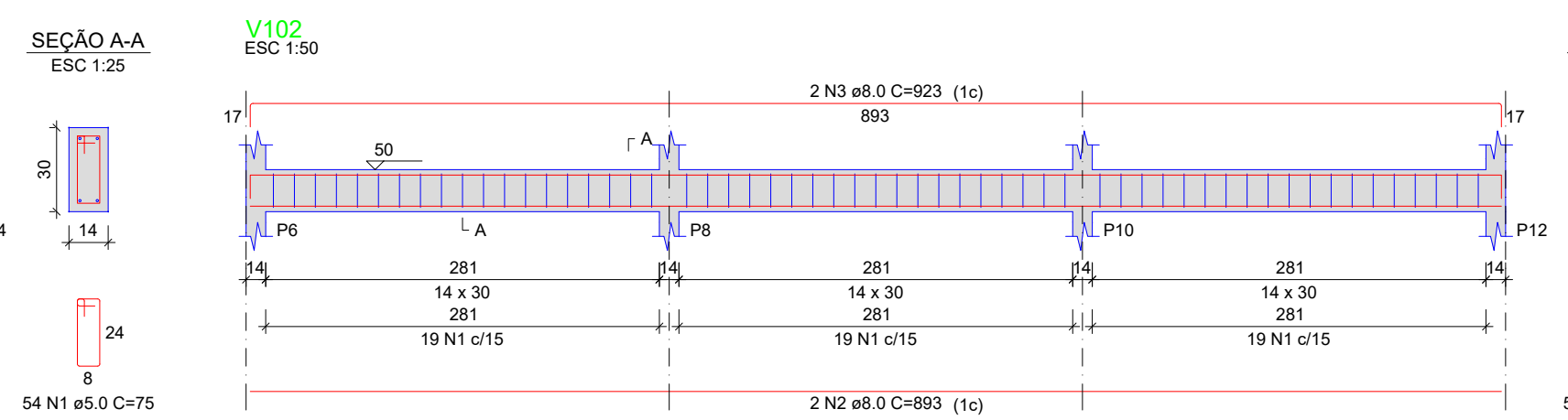
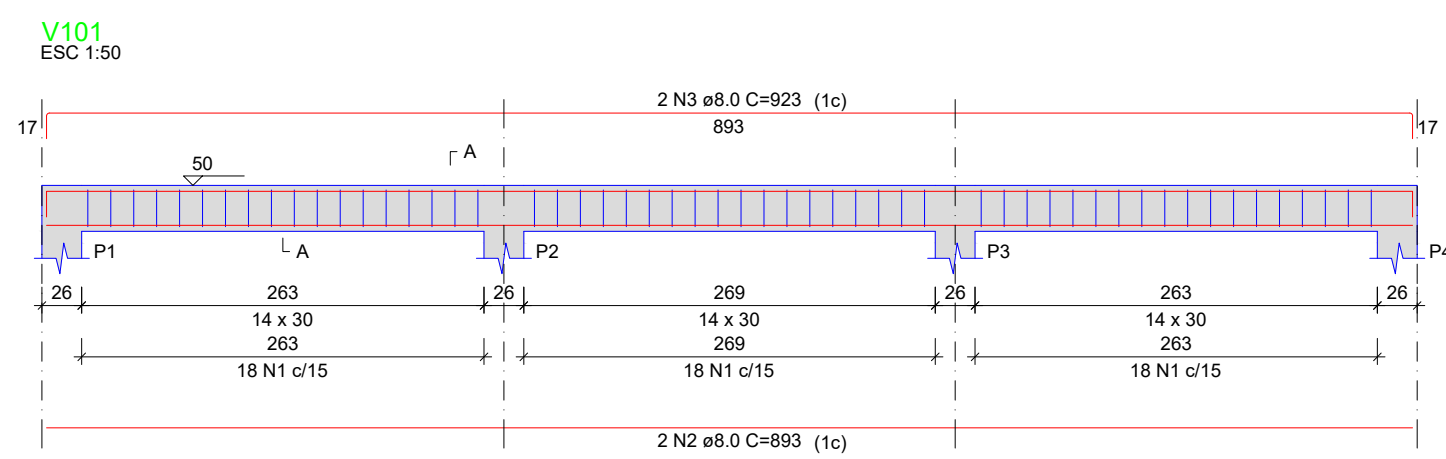
RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	108	67	7236
CA50	2	10.0	16	47	752
	3	10.0	16	145	2320
	4	10.0	16	97	1552

RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	10.0	46.2	28.5
CA60	5.0	72.4	11.2
PESO TOTAL (kg)			39.7
CA50			28.5
CA60			11.2

Volume de concreto (C-30) = 0.43 m³
 Área de forma = 9.54 m²



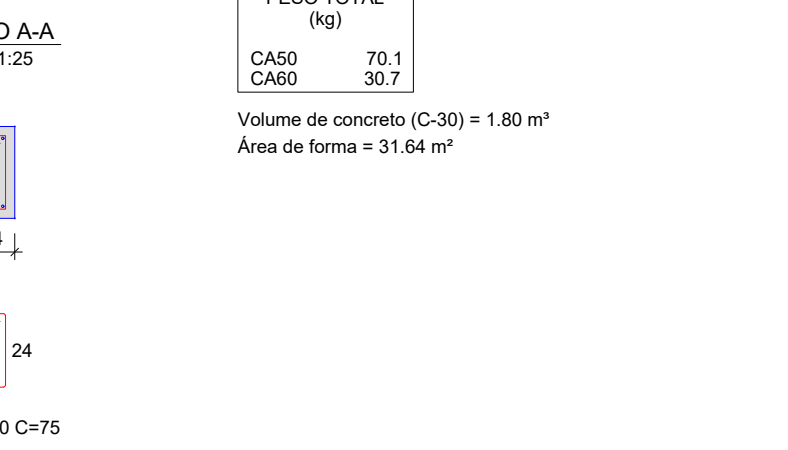
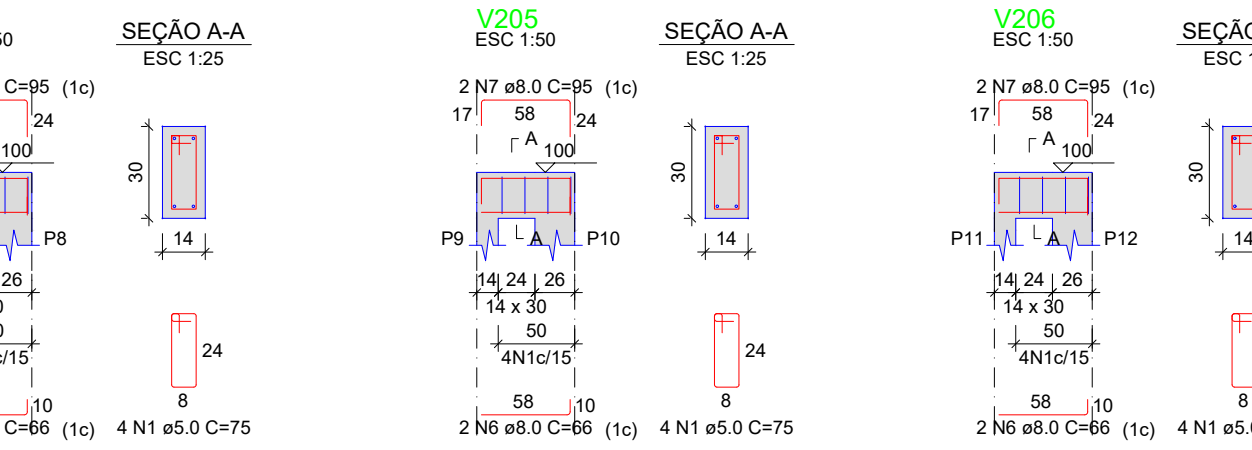
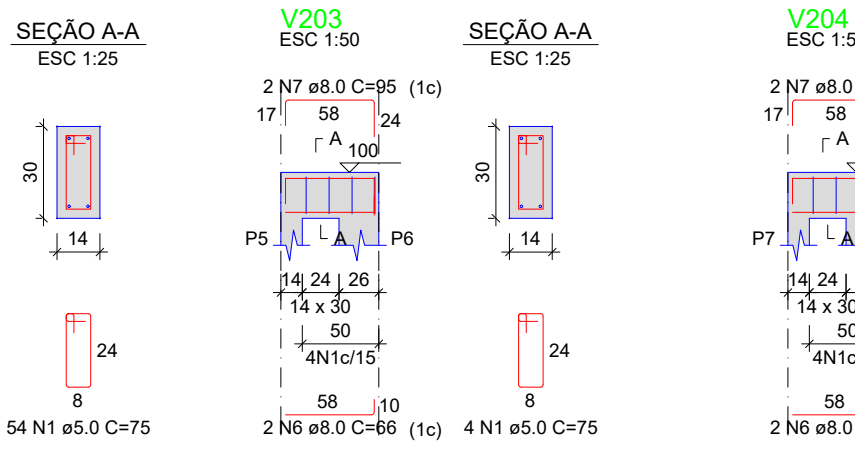
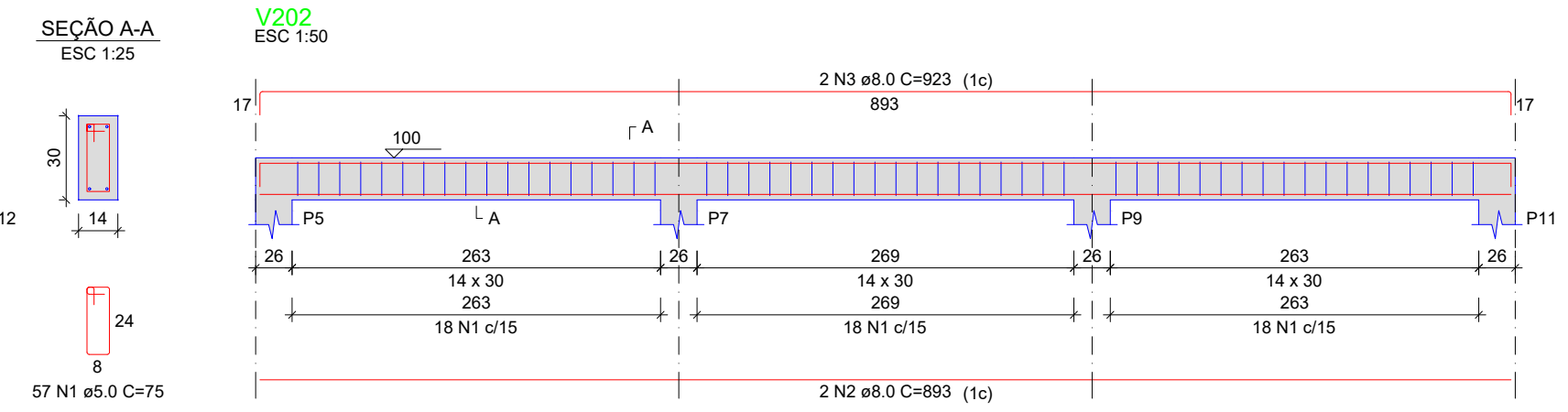
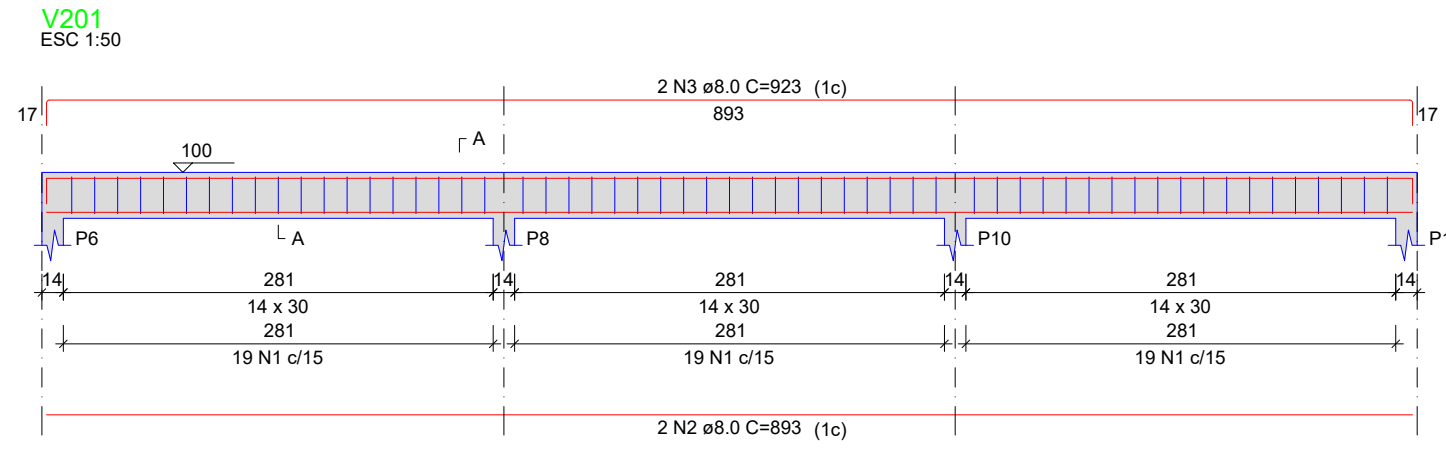
RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	266	75	19950
CA50	2	8.0	8	893	7144
	3	8.0	8	923	7384
	4	8.0	8	109	864
	5	8.0	8	137	1096
	6	8.0	8	66	528
	7	8.0	8	95	760

RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	8.0	177.8	70.1
CA60	5.0	199.5	30.7
PESO TOTAL (kg)			100.8
CA50			70.1
CA60			30.7

Volume de concreto (C-30) = 1.80 m³
 Área de forma = 31.64 m²



ANEXO I

V.M. – Engenharia de Novo Horizonte Ltda
 Rua Zóiro da Carmo Turchiari, 282
 Novo Horizonte – SP
 CNPJ:22.543.380/0001-43

PROJETO BÁSICO

Folha: **09/09**

Descrição da Prancha:
VIGAS E PILARES DA ARQ. MENOR

Escala:
 INDICADA

Data de Observações:
 02/02/2022

Objeto:
 REFORMA NO ESTADIO MUNICIPAL DE PEDERNEIRAS

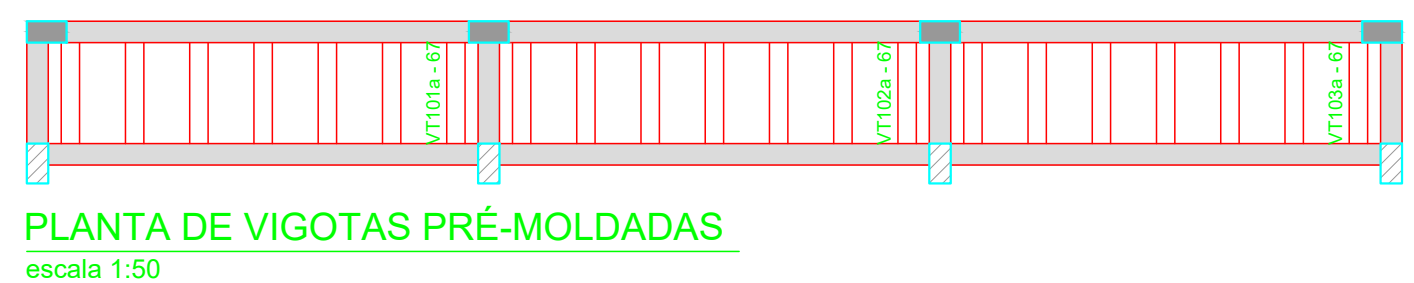
Proprietário:
 MUNICÍPIO DE PEDERNEIRAS – SP

Endereço:

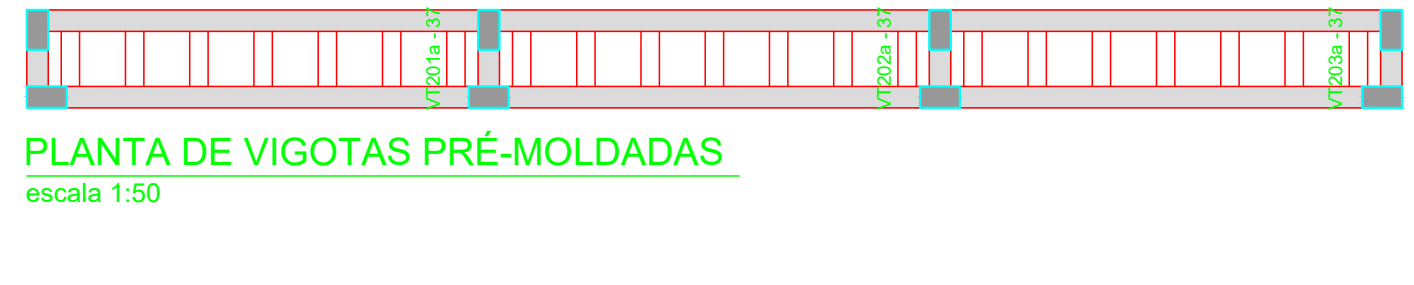
PROPRIETÁRIO
 PREFEITO DO MUNICÍPIO DE PEDERNEIRAS – SP

RESP. TÉCNICO PELO PROJETO
 DIEGO FELIPE NEGRÃO
 INGENHEIRO CIVIL
 588493430

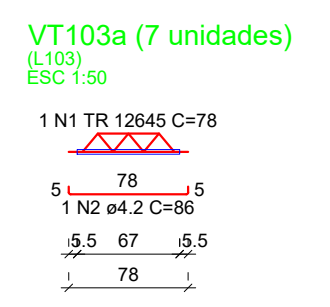
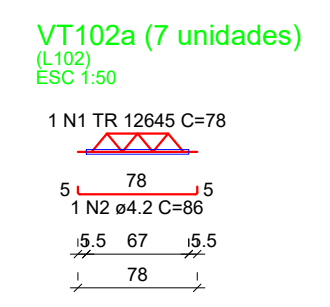
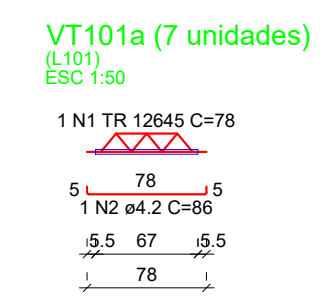
Observações e aprovações:



PLANTA DE VIGOTAS PRÉ-MOLDADAS
 escala 1:50



PLANTA DE VIGOTAS PRÉ-MOLDADAS
 escala 1:50



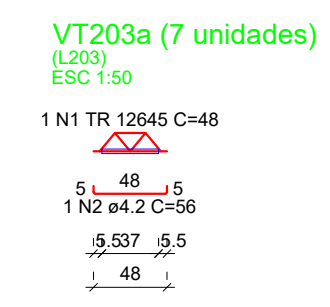
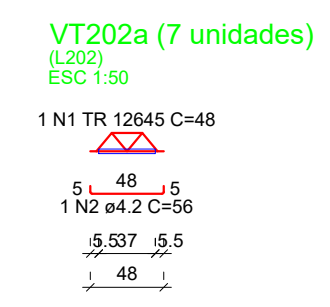
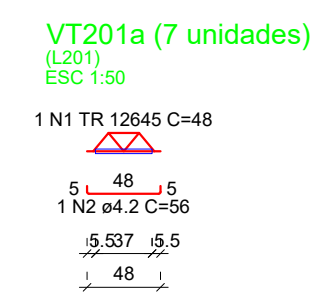
RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	TR 12645	21	78	1638
	2	4.2	21	86	1806

RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA60	4.2	18.1	4.6
TR 12645		16.4	14.6
PESO TOTAL (kg)			19.2
CA60			4.6
TR 12645			14.6

Volume de concreto (C-30) = 0.00 m³
 Área de forma = 0.00 m²



RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	TR 12645	21	48	1008
	2	4.2	21	56	1176

RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA60	4.2	11.8	1.3
TR 12645		10.1	9
PESO TOTAL (kg)			10.3
CA60			1.3
TR 12645			9

Volume de concreto (C-30) = 0.00 m³
 Área de forma = 0.00 m²