

Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	91	68	6188
	2	5.0	13	90	1170
	3	5.0	97	110	10670
CA50	4	5.0	32	72	2304
	5	6.3	88	150	13200
	6	6.3	36	105	3780
	7	6.3	12	130	1560
	8	10.0	32	212	6784
	9	10.0	2	424	848
	10	10.0	4	477	1908
	11	10.0	2	433	866
	12	10.0	4	414	1656
	13	10.0	4	544	2176
14	10.0	4	588	2352	
15	10.0	2	241	482	
16	10.0	2	285	570	

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	PESO + 10 % (kg)
CA50	6.3	185.4	17	49.9
CA50	10.0	176.5	17	119.6
CA60	5.0	203.4	19	34.5
PESO TOTAL (kg)				
CA50				169.6
CA60				34.5

Volume de concreto (C-25) = 4.66 m³
Área de forma = 43.36 m²

TABELA FCK DA OBRA

Sapatas	25 mpa
Vigas, Lajes e Pilares	25 mpa
abatimento (slump) 10 + 2cm	

REV.	DESCRIÇÃO	DATA	RESP.
01	LIBERADO PARA EXECUÇÃO	FEV/2022	João N.
00	ENVIADO PARA REVISÃO PREFEITURA	DEZ/2021	João N.

PROPRIETÁRIO:
Prefeitura Municipal de Augusto Pestana

RESPONSÁVEIS TÉCNICOS:

JOÃO DA JORNADA FORTES FILHO
Arquiteto e Urbanista CAU A 52.256-2

MARIANA DA SILVA FERREIRA FORTES
Arquiteta e Urbanista CAU A 64.319-0

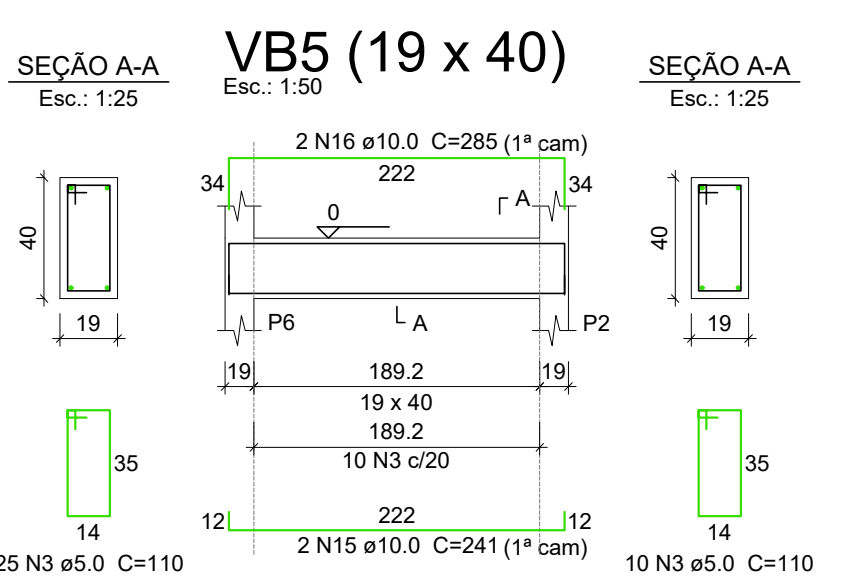
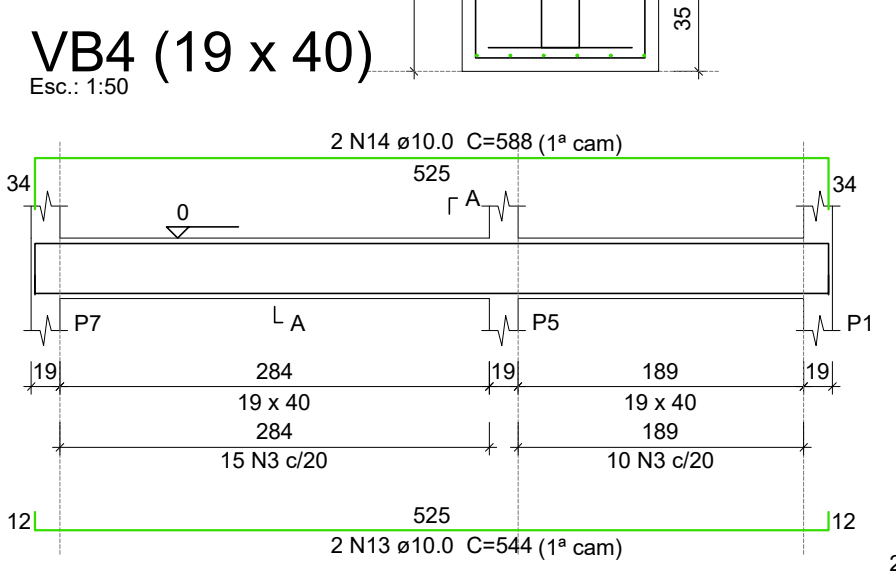
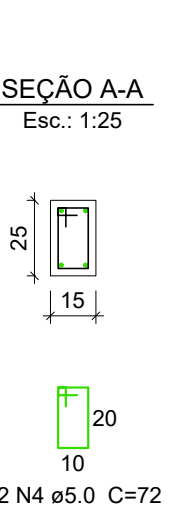
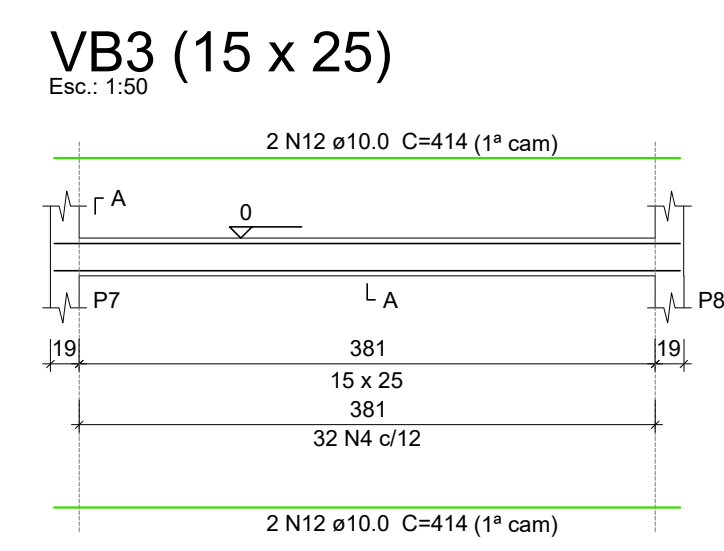
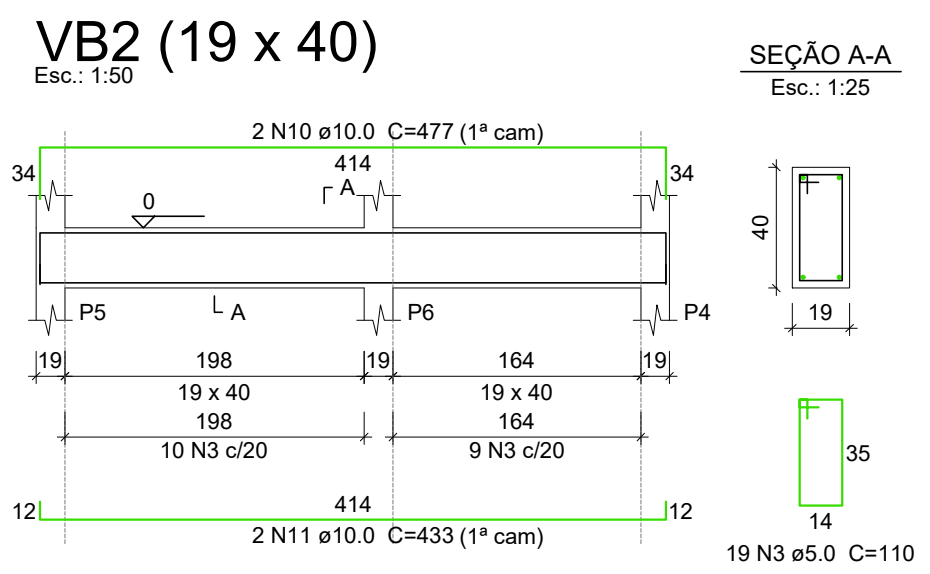
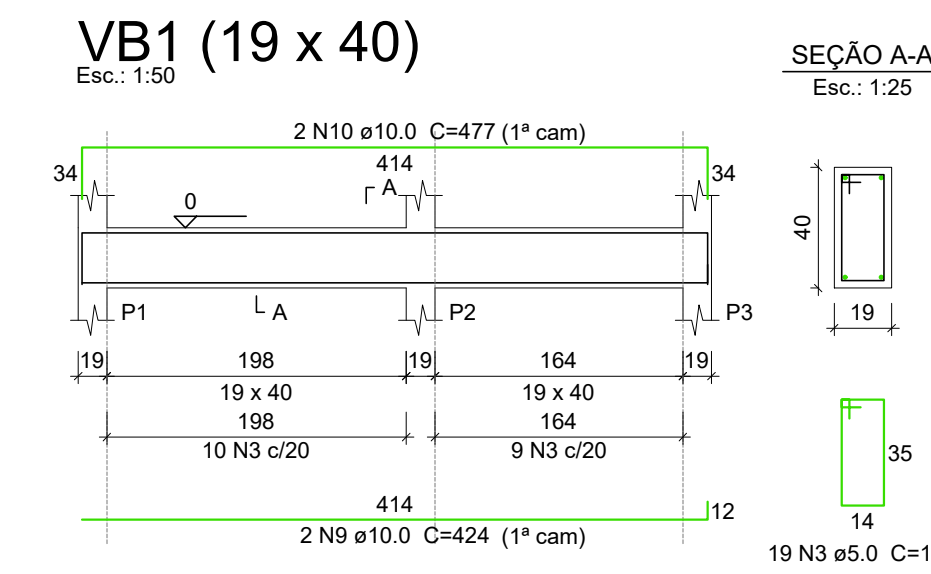
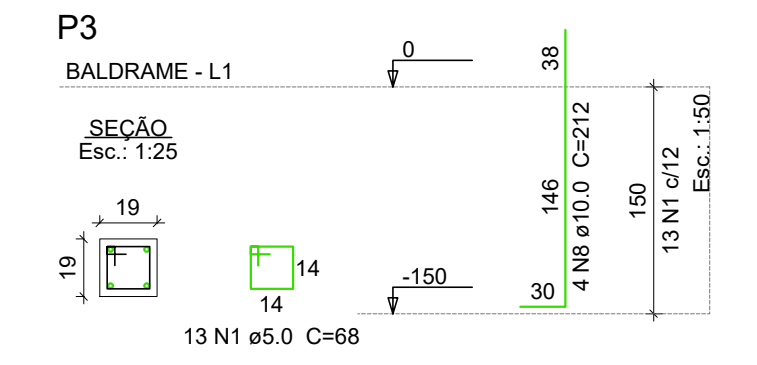
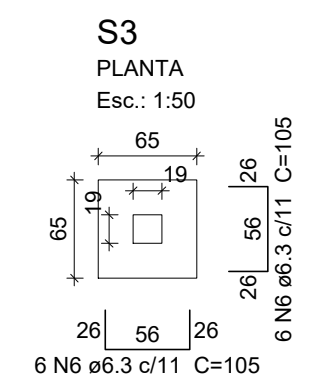
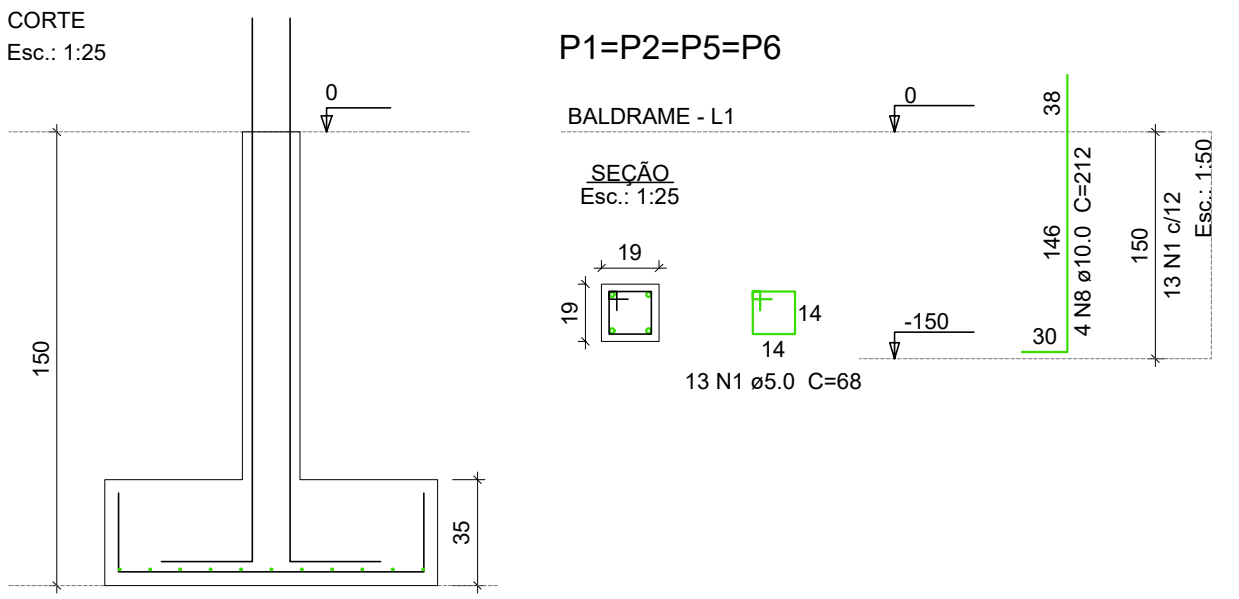
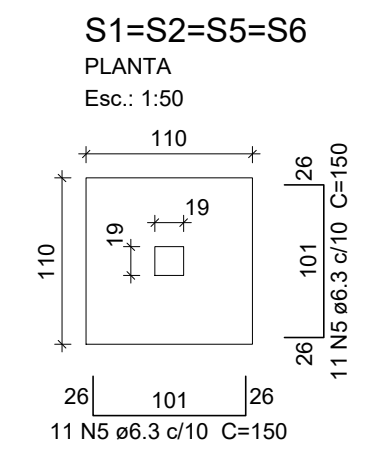
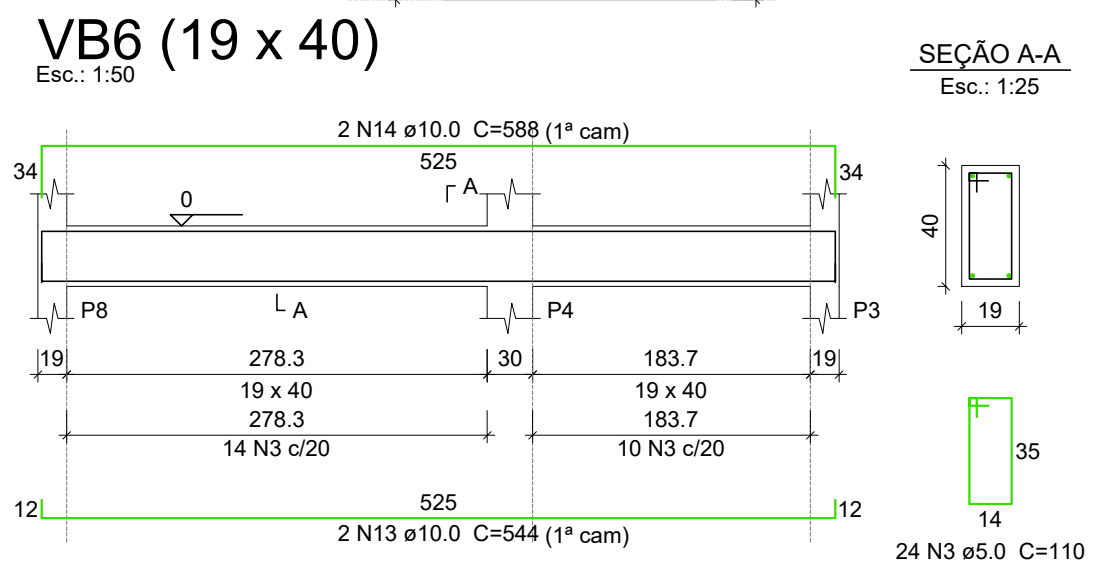
JOÃO DA JORNADA FORTES NETO
Engenheiro Civil CREA RS 214.992

ENDEREÇO: Estrada Rural, Marmeleiro
CIDADE / UF: Augusto Pestana / RS

BAIRRO: Marmeleiro
SETOR URBANO: Interior
QUADRA: ---
LOTE: ---

ÁREA A EDIFICAR: ---
CONJUNTO Nº: 1
PRANCHA Nº: 3/5

ÁREA DO LOTE: ---
DATA: FEV/22



FORTES ARQUITETURA E ENGENHARIA

PROJETO/PAVIMENTO: ESTRUTURAL FUNDAÇÕES

DESCRIÇÃO: DETALHAMENTOS

OBRA NÚMERO: 989