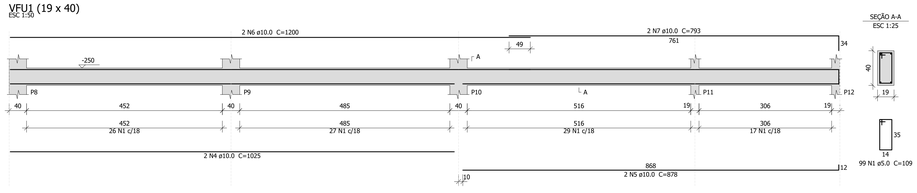
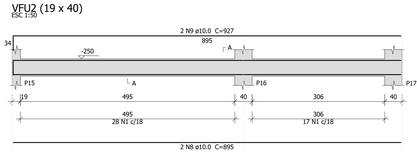
VFU1 (19 x 40)
ESC 1:50

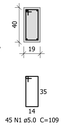


SEÇÃO A-A
ESC 1:25

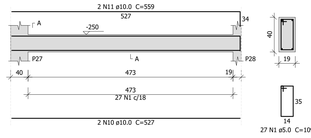
VFU2 (19 x 40)
ESC 1:50



SEÇÃO A-A
ESC 1:25



VFU3 (19 x 40)
ESC 1:50



SEÇÃO A-A
ESC 1:25

Relação do aço

VFU1	VFU2	VFU3
VFU4	VFU5	VFU6
VFU7	VFU8	VFU9
VFU10	VFU11	VFU12
VFU13	VFU14	VFU15
VFU16	VFU17	VMAQ1
VMAQ2	VMAQ3	VMAQ4

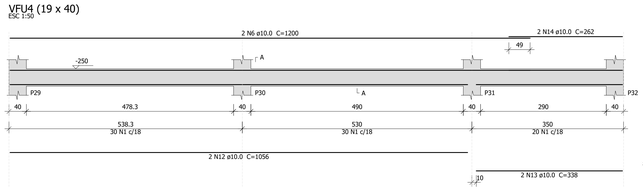
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	1188	109	129492
	2	5.0	1	110	110
CA50	3	6.3	6	102	612
	4	10.0	2	1025	2050
	5	10.0	2	878	1756
	6	10.0	12	1200	14400
	7	10.0	2	793	1586
	8	10.0	2	895	1790
	9	10.0	2	927	1854
	10	10.0	2	527	1054
	11	10.0	2	559	1118
	12	10.0	2	1056	2112
	13	10.0	2	338	676
	14	10.0	4	262	1048
	15	10.0	2	1099	2198
	16	10.0	2	381	762
	17	10.0	4	1123	4492
	18	10.0	2	877	1754
	19	10.0	2	940	1880
	20	10.0	2	1039	2078
	21	10.0	2	375	750
	22	10.0	2	197	394
	23	10.0	2	874	1748
	24	10.0	2	937	1874
	25	10.0	2	574	1148
	26	10.0	2	627	1254
	27	10.0	2	818	1636
	28	10.0	2	688	1376
	29	10.0	2	1198	2396
	30	10.0	2	354	708
	31	10.0	2	559	1118
	32	10.0	2	622	1244
	33	10.0	2	1139	2278
	34	10.0	4	1192	4768
	35	10.0	2	1148	2296
	36	10.0	4	1155	4620
	37	10.0	4	900	3600
	38	10.0	4	838	3352
	39	10.0	2	621	1242
	40	10.0	2	653	1306
	41	10.0	2	652	1304
	42	12.5	3	556	1668
	43	12.5	2	198	396
	44	12.5	2	606	1212
	45	12.5	2	579	1158
	46	12.5	4	629	2516
	47	12.5	1	325	325
	48	12.5	2	671	1342
	49	12.5	1	248	248
	50	12.5	4	714	2856
	51	12.5	1	515	515
	52	12.5	2	652	1304

Resumo do aço

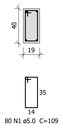
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	6.2	1	1.5
	10.0	830.2	70	511.8
	12.5	135.4	12	130.4
CA60	5.0	1296.1	-	199.8
PESO TOTAL (kg)				
CA50	643.8			
CA60	199.8			

Volume de concreto (C-30) = 15.55 m³
Área de forma = 199.34 m²

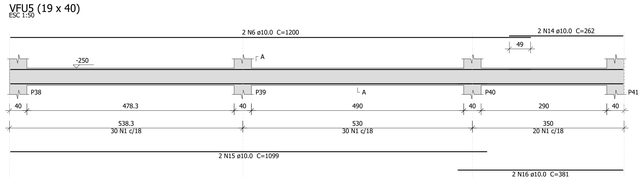
VFU4 (19 x 40)
ESC 1:50



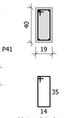
SEÇÃO A-A
ESC 1:25



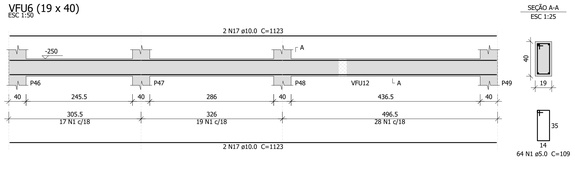
VFU5 (19 x 40)
ESC 1:50



SEÇÃO A-A
ESC 1:25

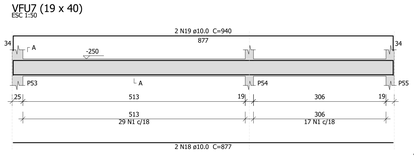


VFU6 (19 x 40)
ESC 1:50

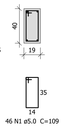


SEÇÃO A-A
ESC 1:25

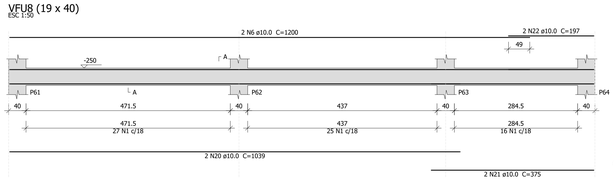
VFU7 (19 x 40)
ESC 1:50



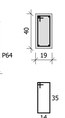
SEÇÃO A-A
ESC 1:25



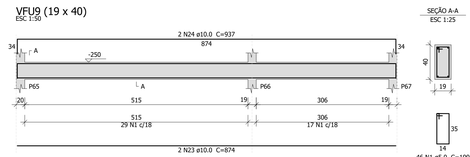
VFU8 (19 x 40)
ESC 1:50



SEÇÃO A-A
ESC 1:25

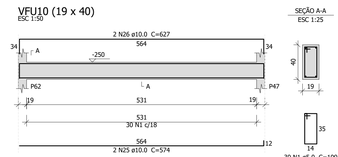


VFU9 (19 x 40)
ESC 1:50



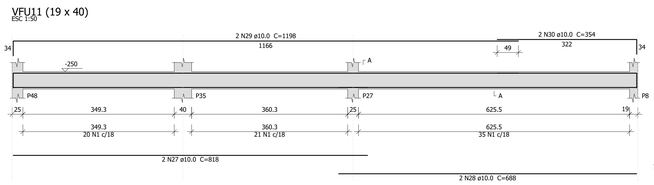
SEÇÃO A-A
ESC 1:25

VFU10 (19 x 40)
ESC 1:50



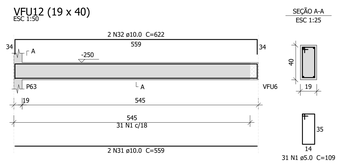
SEÇÃO A-A
ESC 1:25

VFU11 (19 x 40)
ESC 1:50



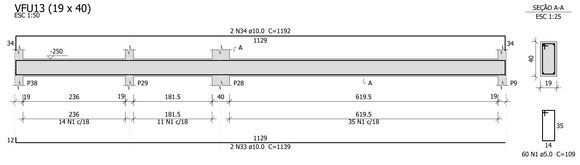
SEÇÃO A-A
ESC 1:25

VFU12 (19 x 40)
ESC 1:50



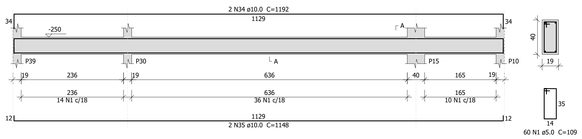
SEÇÃO A-A
ESC 1:25

VFU13 (19 x 40)
ESC 1:50



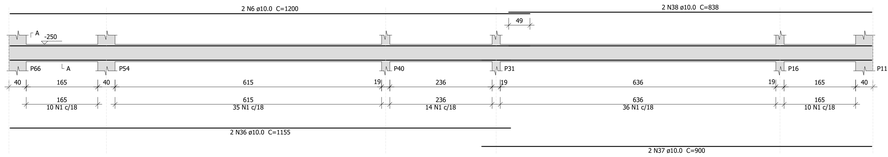
SEÇÃO A-A
ESC 1:25

VFU14 (19 x 40)
ESC 1:50

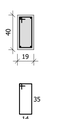


SEÇÃO A-A
ESC 1:25

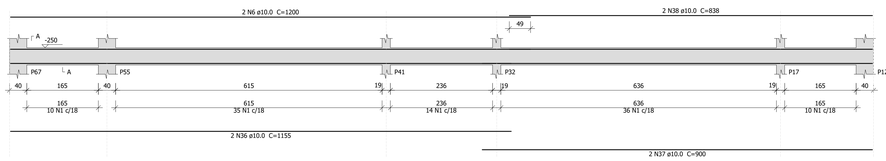
VFU15 (19 x 40)
ESC 1:50



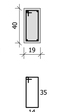
SEÇÃO A-A
ESC 1:25



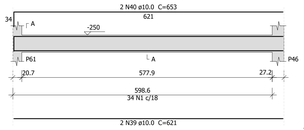
VFU16 (19 x 40)
ESC 1:50



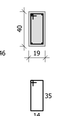
SEÇÃO A-A
ESC 1:25



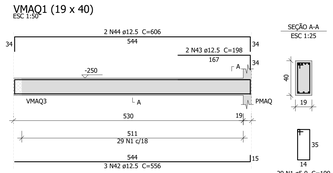
VFU17 (19 x 40)
ESC 1:50



SEÇÃO A-A
ESC 1:25

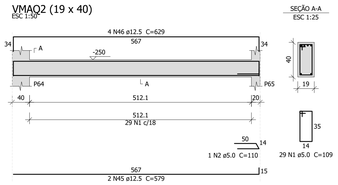


VMAQ1 (19 x 40)
ESC 1:50



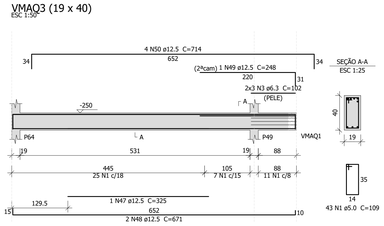
SEÇÃO A-A
ESC 1:25

VMAQ2 (19 x 40)
ESC 1:50



SEÇÃO A-A
ESC 1:25

VMAQ3 (19 x 40)
ESC 1:50



SEÇÃO A-A
ESC 1:25

VMAQ4 (19 x 40)
ESC 1:50

SEÇÃO A-A
ESC 1:25

R01	DIVISÃO DAS FASES	18/03/2026
R00	EMISSÃO INICIAL	12/02/2026
Nº	DESCRIÇÃO	DATA

OBS.: TODAS AS MEDIDAS DEVEM SER CONFERIDAS EM OBRA. CASO SEJA NECESSÁRIO ALGUMA ALTERAÇÃO, ENTRAR EM CONTATO COM O PROJETISTA RESPONSÁVEL.

ASSINATURAS

CLIENTE:
PREFEITURA MUNICIPAL DE GOVERNADOR CELSO RAMOS
82.882.375/0001-86

RESPONSÁVEL TÉCNICO:
MARCO AURELIO SACENTI:04158791910 Assinado de forma digital por MARCO AURELIO SACENTI:04158791910 Dados: 2026.03.19 15:22:42 -03'00'
MARCO AURÉLIO SACENTI
CREA/SC 082737-7

ESTRUTURAL

ENGEPLANTI
PROJETOS E SUPERVISÃO
Engeplanti Consultoria LTDA / CREA nº 163388-0 / CNPJ 23.002.667/0001-29
Rua Cristóvão Nunes Pires, 110 - CEP: 88010-120 - Florianópolis / Fone: (48) 3364-2209 / e-mail: projetos@engeplanti.com.br

OBRA:
CEI DULCE GODINHO NAZÁRIO

INSCRIÇÃO IMOBILIÁRIA:

ENDEREÇO:
RUA SÃO PEDRO, CANTO DOS GANCHOS, GOVERNADOR CELSO RAMOS/SC

CONTEÚDO:
DETALHAMENTO VIGAS FUNDAÇÃO
EDIFICAÇÃO PRINCIPAL (100)

ESCALA: INDICADA
ETAPA: PROJETO EXECUTIVO

PRANCHA: EST 12/35

ARQUIVO:
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