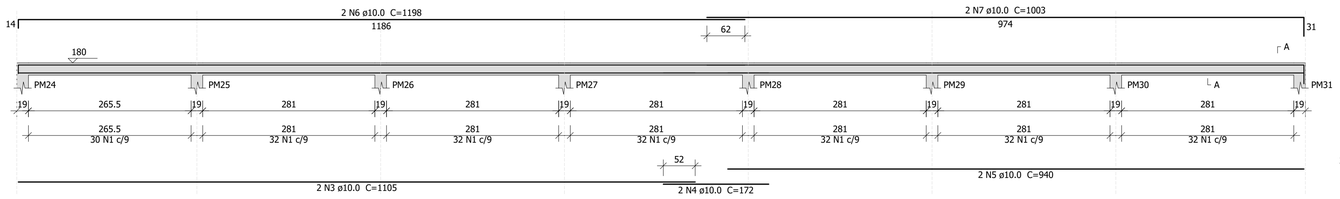
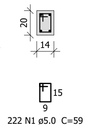
VM-5 (14 x 20)
ESC 1:50

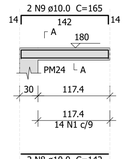


SEÇÃO A-A
ESC 1:25

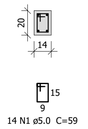


222 N1 ø5.0 C=59

VM-6 (14 x 20)
ESC 1:50



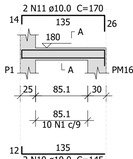
SEÇÃO A-A
ESC 1:25



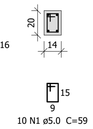
14 N1 ø5.0 C=59

2 N8 ø10.0 C=142

VM-7 (14 x 20)
ESC 1:50



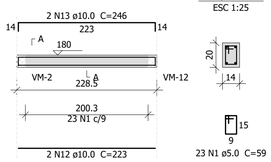
SEÇÃO A-A
ESC 1:25



10 N1 ø5.0 C=59

2 N10 ø10.0 C=145

VM-8 (14 x 20)
ESC 1:50

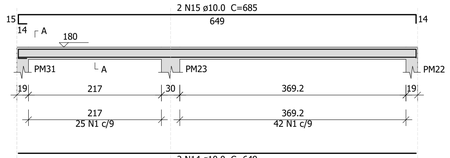


SEÇÃO A-A
ESC 1:25

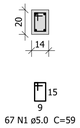
23 N1 ø5.0 C=59

2 N12 ø10.0 C=223

VM-9 (14 x 20)
ESC 1:50



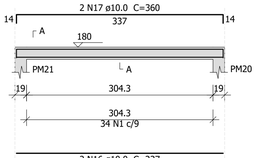
SEÇÃO A-A
ESC 1:25



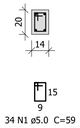
67 N1 ø5.0 C=59

2 N14 ø10.0 C=649

VM-10 (14 x 20)
ESC 1:50



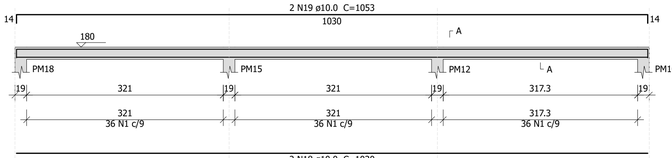
SEÇÃO A-A
ESC 1:25



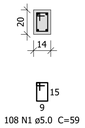
34 N1 ø5.0 C=59

2 N16 ø10.0 C=337

VM-11 (14 x 20)
ESC 1:50



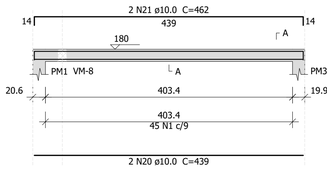
SEÇÃO A-A
ESC 1:25



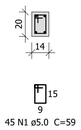
108 N1 ø5.0 C=59

2 N18 ø10.0 C=1030

VM-12 (14 x 20)
ESC 1:50



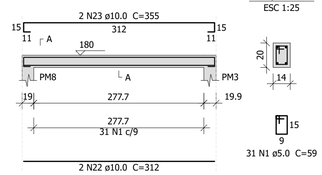
SEÇÃO A-A
ESC 1:25



45 N1 ø5.0 C=59

2 N20 ø10.0 C=439

VM-13 (14 x 20)
ESC 1:50

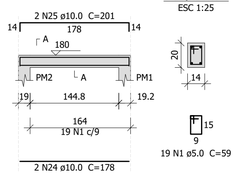


SEÇÃO A-A
ESC 1:25

31 N1 ø5.0 C=59

2 N22 ø10.0 C=312

VM-14 (14 x 20)
ESC 1:50

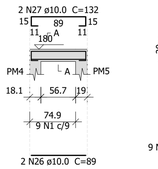


SEÇÃO A-A
ESC 1:25

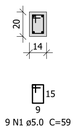
19 N1 ø5.0 C=59

2 N24 ø10.0 C=178

VM-15 (14 x 20)
ESC 1:50



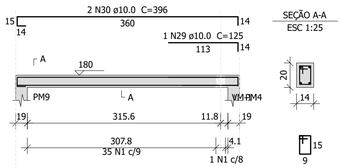
SEÇÃO A-A
ESC 1:25



9 N1 ø5.0 C=59

2 N26 ø10.0 C=89

VM-16 (14 x 20)
ESC 1:50



SEÇÃO A-A
ESC 1:25

36 N1 ø5.0 C=59

2 N28 ø10.0 C=360

VM-17 (14 x 20)
ESC 1:50

SEÇÃO A-A
ESC 1:25

64 N1 ø5.0 C=59

2 N31 ø10.0 C=614

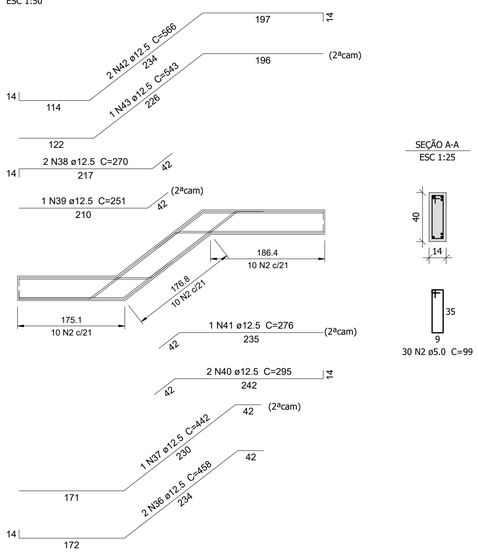
VM-18 (14 x 20)
ESC 1:50

SEÇÃO A-A
ESC 1:25

40 N1 ø5.0 C=59

2 N33 ø10.0 C=389

VE (14 x 40)
ESC 1:50



SEÇÃO A-A
ESC 1:25

30 N2 ø5.0 C=99

Relação do aço

VE	VM-5	VM-6
VM-7	VM-8	VM-9
VM-10	VM-11	VM-12
VM-13	VM-14	VM-15
VM-16	VM-17	VM-18

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	722	59	42598
	2	5.0	30	99	2970
CA50	3	8.0	1	91	91
	4	10.0	2	1105	2210
	5	10.0	2	172	344
	6	10.0	2	940	1880
	7	10.0	2	1198	2396
	8	10.0	2	1003	2006
	9	10.0	2	142	284
	10	10.0	2	165	330
	11	10.0	2	145	290
	12	10.0	2	170	340
	13	10.0	2	223	446
	14	10.0	2	246	492
	15	10.0	2	649	1298
	16	10.0	2	685	1370
	17	10.0	2	337	674
	18	10.0	2	360	720
	19	10.0	2	1030	2060
	20	10.0	2	1053	2106
	21	10.0	2	439	878
	22	10.0	2	462	924
	23	10.0	2	312	624
	24	10.0	2	355	710
	25	10.0	2	178	356
	26	10.0	2	201	402
	27	10.0	2	89	178
	28	10.0	2	132	264
	29	10.0	2	360	720
	30	10.0	1	125	125
	31	10.0	2	396	792
	32	10.0	2	614	1228
	33	10.0	2	637	1274
	34	10.0	2	389	778
	35	10.0	2	432	864
	36	12.5	2	458	916
	37	12.5	1	442	442
	38	12.5	2	270	540
	39	12.5	1	251	251
	40	12.5	2	295	590
	41	12.5	1	276	276
	42	12.5	2	566	1132
	43	12.5	1	543	543

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	8.0	1	1	0.4
	10.0	293.7	25	181
	12.5	46.9	4	45.2
CA60	5.0	455.7	-	70.2

PESO TOTAL (kg)	
CA50	226.6
CA60	70.2

Volume de concreto (C-30) = 1.89 m³
Área de forma = 36.46 m²

R00	EMISSÃO INICIAL	27/09/2024
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
CNPJ: 82.892.373/0001-89

RESPONSÁVEL TÉCNICO: GUILHERME SILVEIRA DE OLIVEIRA:00492851905
Assinado de forma digital por GUILHERME SILVEIRA DE OLIVEIRA:00492851905
Dados: 2024.10.04 16:29:26 -03'00'

GUILHERME SILVEIRA DE OLIVEIRA
CREA/SC: 126.956-9

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: **POSTO DOS BOMBEIROS DE PALMAS**

INSCRIÇÃO IMOBILIÁRIA: -

ENDEREÇO: RUA ROSENDO JOAQUIM SAGAS, S/N, PALMAS, GOVERNADOR CELSO RAMOS/SC

CONTEÚDO: ARMAÇÃO VIGAS 1PAV - FOLHA 3/3

ESCALA: INDICADA

ETAPA: PROJETO EXECUTIVO

PRANCHA: EST 17/26

ARQUIVO: 029-23-25-BOMBEIROS-EST-PE-017-1PAV-ARM-R00.dwg