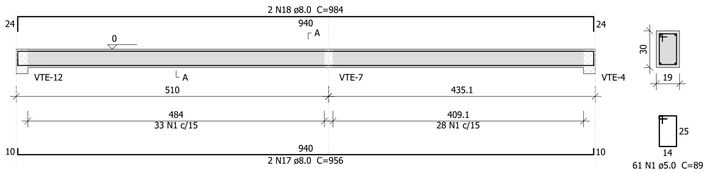
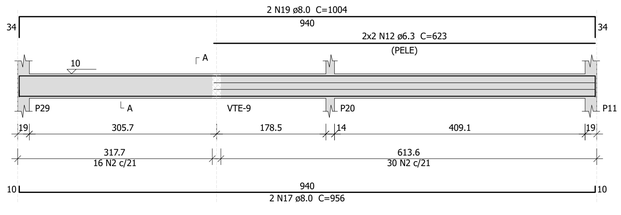
VTE-13 (19 x 30)
ESC 1:50

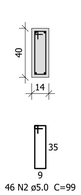


SEÇÃO A-A
ESC 1:25

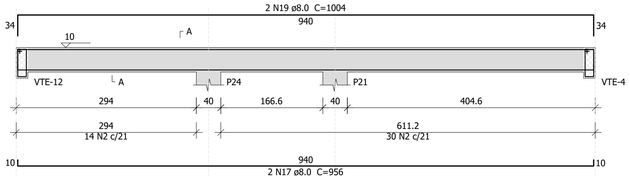
VTE-14 (14 x 40)
ESC 1:50



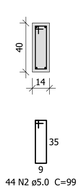
SEÇÃO A-A
ESC 1:25



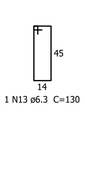
VTE-15 (14 x 40)
ESC 1:50



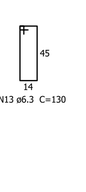
SEÇÃO A-A
ESC 1:25



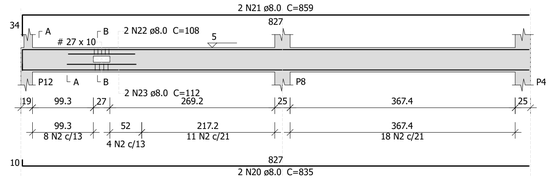
SUSPENSÃO VTE-12
ESC 1:25



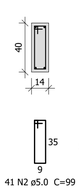
SUSPENSÃO VTE-4
ESC 1:25



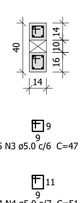
VTE-16 (14 x 40)
ESC 1:50



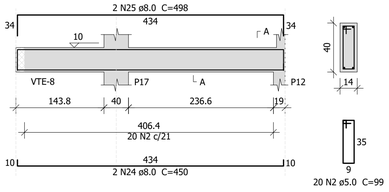
SEÇÃO A-A
ESC 1:25



SEÇÃO B-B
ESC 1:25

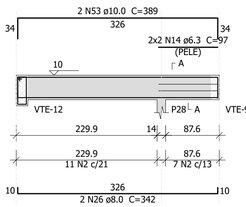


VTE-17 (14 x 40)
ESC 1:50

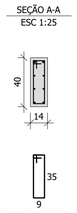


SEÇÃO A-A
ESC 1:25

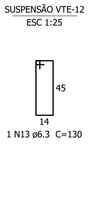
VTE-18 (14 x 40)
ESC 1:50



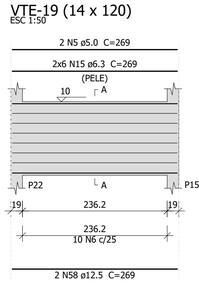
SEÇÃO A-A
ESC 1:25



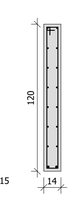
SUSPENSÃO VTE-12
ESC 1:25



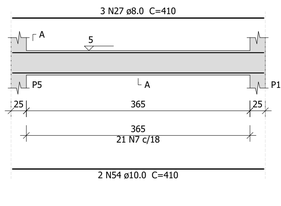
VTE-19 (14 x 120)
ESC 1:50



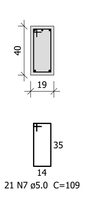
SEÇÃO A-A
ESC 1:25



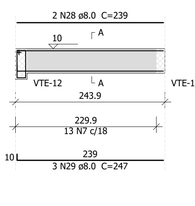
VTE-20 (19 x 40)
ESC 1:50



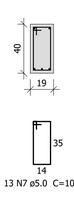
SEÇÃO A-A
ESC 1:25



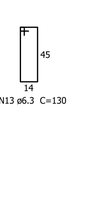
VTE-21 (19 x 40)
ESC 1:50



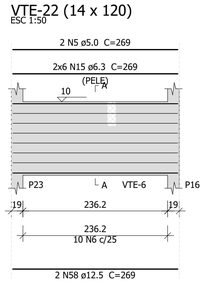
SEÇÃO A-A
ESC 1:25



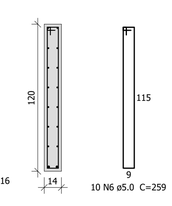
SUSPENSÃO VTE-12
ESC 1:25



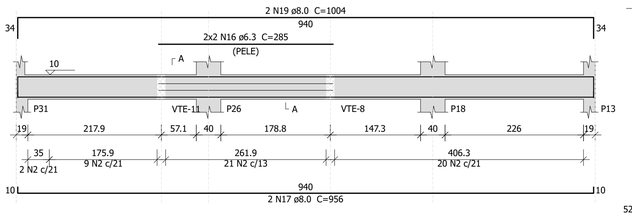
VTE-22 (14 x 120)
ESC 1:50



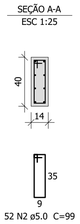
SEÇÃO A-A
ESC 1:25



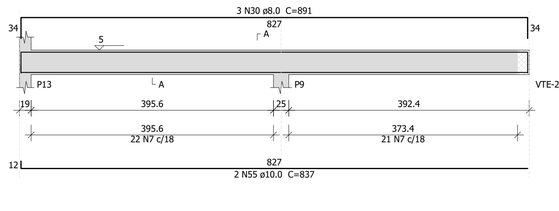
VTE-23 (14 x 40)
ESC 1:50



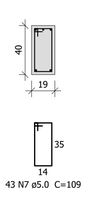
SEÇÃO A-A
ESC 1:25



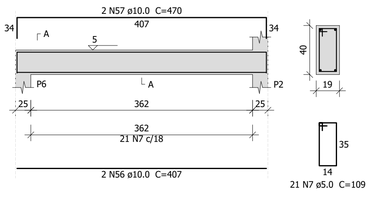
VTE-24 (19 x 40)
ESC 1:50



SEÇÃO A-A
ESC 1:25

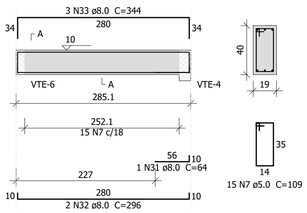


VTE-25 (19 x 40)
ESC 1:50



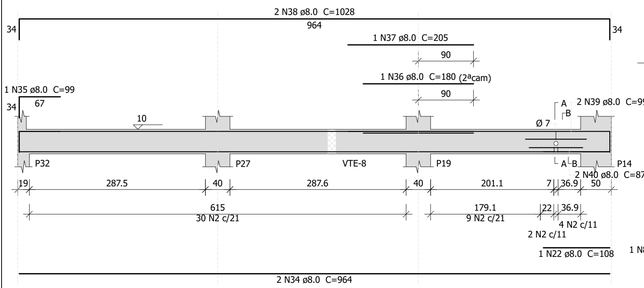
SEÇÃO A-A
ESC 1:25

VTE-26 (19 x 40)
ESC 1:50

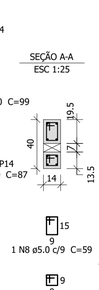


SEÇÃO A-A
ESC 1:25

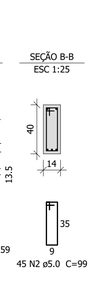
VTE-27 (14 x 40)
ESC 1:50



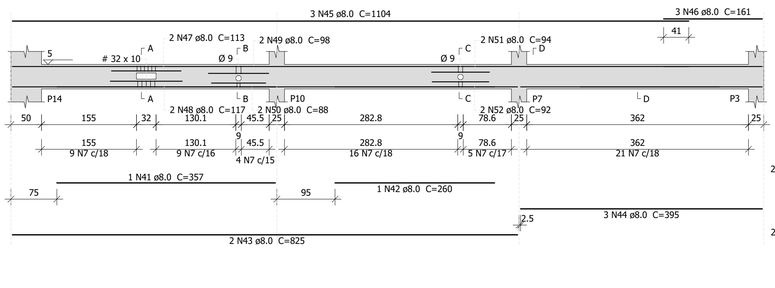
SEÇÃO A-A
ESC 1:25



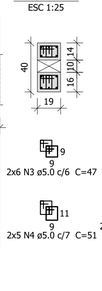
SEÇÃO B-B
ESC 1:25



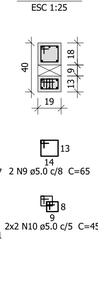
VTE-28 (19 x 40)
ESC 1:50



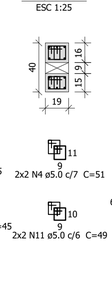
SEÇÃO A-A
ESC 1:25



SEÇÃO B-B
ESC 1:25



SEÇÃO C-C
ESC 1:25



SEÇÃO D-D
ESC 1:25

Relação do aço

VTE-13	VTE-14	VTE-15
VTE-16	VTE-17	VTE-18
VTE-19	VTE-20	VTE-21
VTE-22	VTE-23	VTE-24
VTE-25	VTE-26	VTE-27
VTE-28		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	61	89	5429
	2	5.0	266	99	26334
	3	5.0	19	47	893
	4	5.0	18	51	918
	5	5.0	4	269	1076
	6	5.0	20	259	5180
	7	5.0	177	109	19293
	8	5.0	1	59	59
	9	5.0	2	65	130
	10	5.0	4	45	180
	11	5.0	4	49	196
CA50	12	6.3	4	623	2492
	13	6.3	4	130	520
	14	6.3	4	97	388
	15	6.3	24	269	6456
	16	6.3	4	285	1140
	17	8.0	8	956	7648
	18	8.0	2	984	1968
	19	8.0	6	1004	6024
	20	8.0	2	835	1670
	21	8.0	2	859	1718
	22	8.0	3	108	324
	23	8.0	2	112	224
	24	8.0	2	450	900
	25	8.0	2	498	996
	26	8.0	2	342	684
	27	8.0	3	410	1230
	28	8.0	2	239	478
	29	8.0	3	247	741
	30	8.0	3	891	2673
	31	8.0	1	64	64
	32	8.0	2	296	592
	33	8.0	3	344	1032
	34	8.0	2	964	1928
	35	8.0	1	99	99
	36	8.0	1	180	180
	37	8.0	1	205	205
	38	8.0	2	1028	2056
	39	8.0	2	99	198
	40	8.0	2	87	174
	41	8.0	1	357	357
	42	8.0	1	260	260
	43	8.0	2	825	1650
	44	8.0	3	395	1185
	45	8.0	3	1104	3312
	46	8.0	3	161	483
	47	8.0	2	113	226
	48	8.0	2	117	234
	49	8.0	2	98	196
	50	8.0	2	88	176
	51	8.0	2	94	188
	52	8.0	2	92	184
	53	10.0	2	389	778
	54	10.0	2	410	820
	55	10.0	2	837	1674
	56	10.0	2	407	814
	57	10.0	2	470	940
	58	12.5	4	269	1076

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	110	10	26.9
	8.0	422.6	36	166.7
	10.0	50.3	5	31
	12.5	10.8	1	10.4
CA60	5.0	596.9	-	92
PESO TOTAL (kg)				
CA50	235			
CA60	92			

Volume de concreto (C-30) = 6.37 m³
Área de forma = 75.75 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 16:31:33 -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 FOLHA 3/3 DO TÉRREO
ESCALA: INDICADA
ETAPA: PROJETO EXECUTIVO
PRANCHA: EST 12/26
ARQUIVO: 029-23-25-BOMBEIROS-EST-PE-012-TERR-ARM-R00.dwg