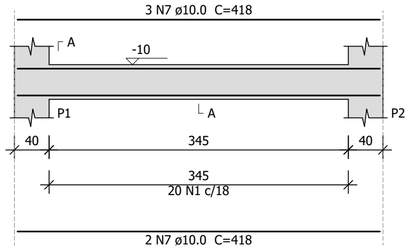
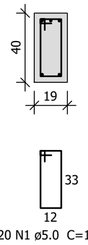
VT-1 (19 x 40)
ESC 1:50

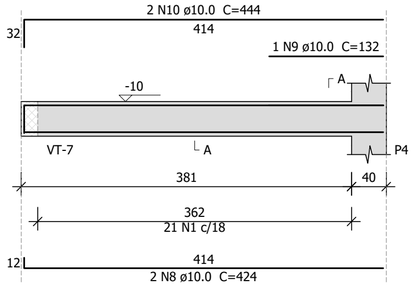


SEÇÃO A-A
ESC 1:25

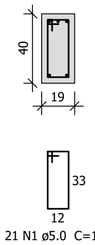


20 N1 ø5.0 C=101

VT-2 (19 x 40)
ESC 1:50

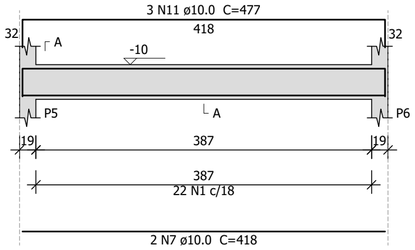


SEÇÃO A-A
ESC 1:25

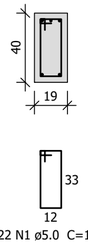


21 N1 ø5.0 C=101

VT-3 (19 x 40)
ESC 1:50

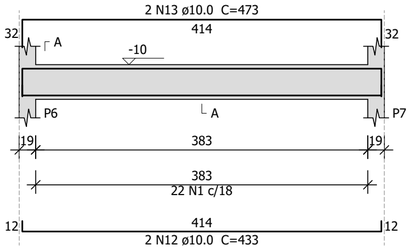


SEÇÃO A-A
ESC 1:25

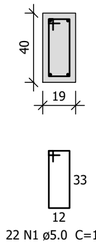


22 N1 ø5.0 C=101

VT-4 (19 x 40)
ESC 1:50

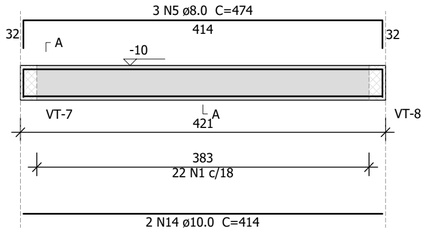


SEÇÃO A-A
ESC 1:25

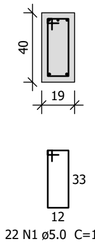


22 N1 ø5.0 C=101

VT-5 (19 x 40)
ESC 1:50

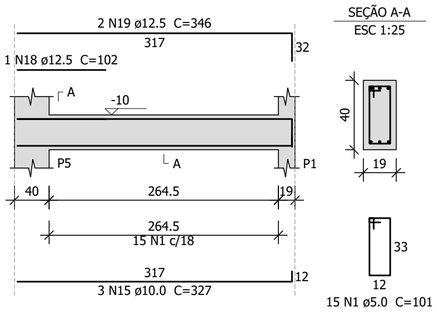


SEÇÃO A-A
ESC 1:25



22 N1 ø5.0 C=101

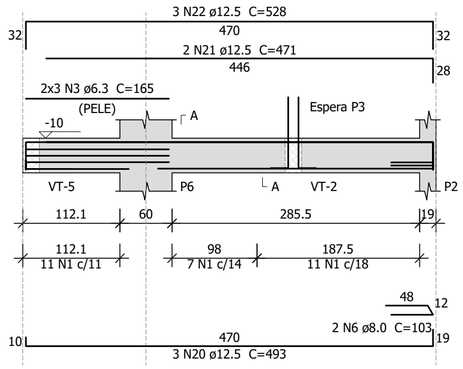
VT-6 (19 x 40)
ESC 1:50



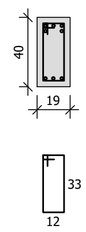
SEÇÃO A-A
ESC 1:25

15 N1 ø5.0 C=101

VT-7 (19 x 40)
ESC 1:50

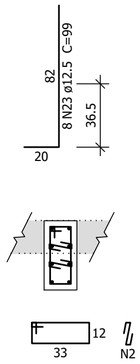


SEÇÃO A-A
ESC 1:25

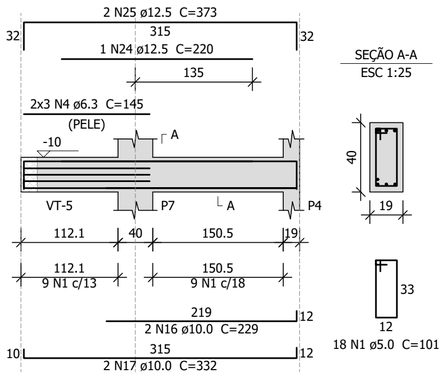


29 N1 ø5.0 C=101

ESPERA P3
ESC 1:25



VT-8 (19 x 40)
ESC 1:50



SEÇÃO A-A
ESC 1:25

18 N1 ø5.0 C=101

Relação do aço

VT-1 VT-2 VT-3
VT-4 VT-5 VT-6
VT-7 VT-8

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	172	101	17372
	2	5.0	6	27	162
CA50	3	6.3	6	165	990
	4	6.3	6	145	870
	5	8.0	3	474	1422
	6	8.0	2	103	206
	7	10.0	7	418	2926
	8	10.0	2	424	848
	9	10.0	1	132	132
	10	10.0	2	444	888
	11	10.0	3	477	1431
	12	10.0	2	433	866
	13	10.0	2	473	946
	14	10.0	2	414	828
	15	10.0	3	327	981
	16	10.0	2	229	458
	17	10.0	2	332	664
	18	12.5	1	102	102
	19	12.5	2	346	692
	20	12.5	3	493	1479
	21	12.5	2	471	942
	22	12.5	3	528	1584
	23	12.5	8	99	792
	24	12.5	1	220	220
	25	12.5	2	373	746

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	18.6	2	4.6
	8.0	16.3	2	6.4
	10.0	109.7	10	67.6
	12.5	65.6	6	63.2
CA60	5.0	175.4	-	27

PESO TOTAL (kg)	
CA50	141.8
CA60	27

Volume de concreto (C-30) = 2.13 m³
Área de forma = 23.93 m²

Nº	DESCRIÇÃO	DATA
00	EMISSÃO INICIAL	31/05/2023

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

ASSINATURAS

CLIENTE:

Documento assinado digitalmente
gov.br
NAIM JOSE ZIEGLER
Data: 28/02/2024 14:41:41-0300
Verifique em https://validar.iti.gov.br

PREFEITURA 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: 2023.05.31 17:20:02 -03'00'

GUILHERME SILVEIRA DE OLIVEIRA
CREA/SC: 126.956-9

PROJETO 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) 99969-3345 / e-mail: guilherme@engeplanti.com.br

OBRA: **ESCOLA MUNICIPAL DALMA LUZ DE AZEVEDO**

INSCRIÇÃO IMOBILIÁRIA: ---

ENDEREÇO: AV. GANCHOS. BAIRRO CALHEIROS - GOVERNADOR CELSO RAMOS

CONTEÚDO: ARMAÇÃO VIGAS TÉRREO

ETAPA: EXECUTIVO

ESCALA: INDICADA

PRANCHA: EST **07/13**

ARQUIVO: 029-23_06_DALMA_EST_PE_007_TERR_ARM-R00.dwg