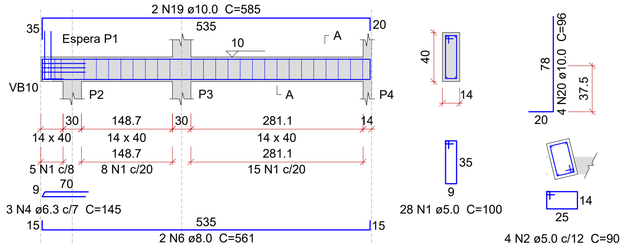
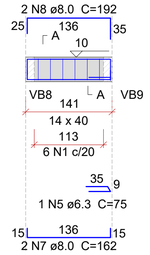
VB1 (14 x 40)
ESC.: 1:50



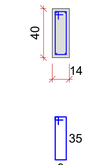
SEÇÃO A-A
ESC.: 1:25

ESPERA P1
ESC.: 1:25

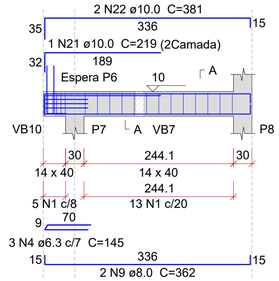
VB2 (14 x 40)
ESC.: 1:50



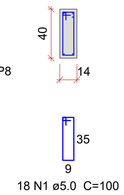
SEÇÃO A-A
ESC.: 1:25



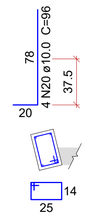
VB3 (14 x 40)
ESC.: 1:50



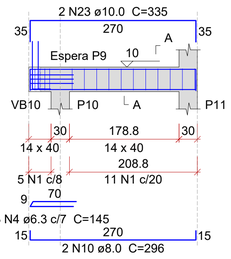
SEÇÃO A-A
ESC.: 1:25



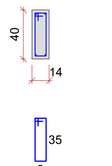
ESPERA P6
ESC.: 1:25



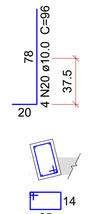
VB4 (14 x 40)
ESC.: 1:50



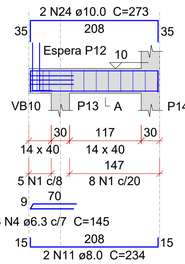
SEÇÃO A-A
ESC.: 1:25



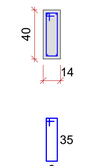
ESPERA P9
ESC.: 1:25



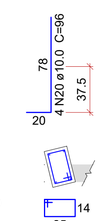
VB5 (14 x 40)
ESC.: 1:50



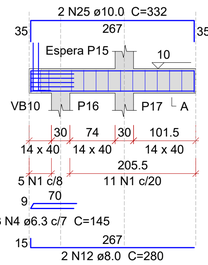
SEÇÃO A-A
ESC.: 1:25



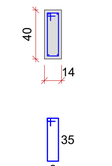
ESPERA P12
ESC.: 1:25



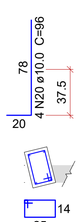
VB6 (14 x 40)
ESC.: 1:50



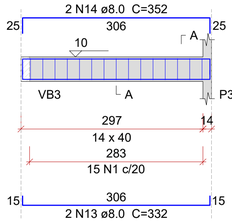
SEÇÃO A-A
ESC.: 1:25



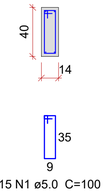
ESPERA P15
ESC.: 1:25



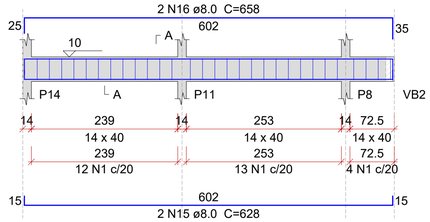
VB7 (14 x 40)
ESC.: 1:50



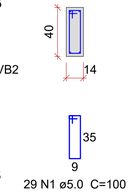
SEÇÃO A-A
ESC.: 1:25



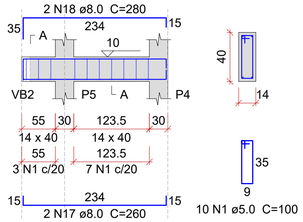
VB8 (14 x 40)
ESC.: 1:50



SEÇÃO A-A
ESC.: 1:25

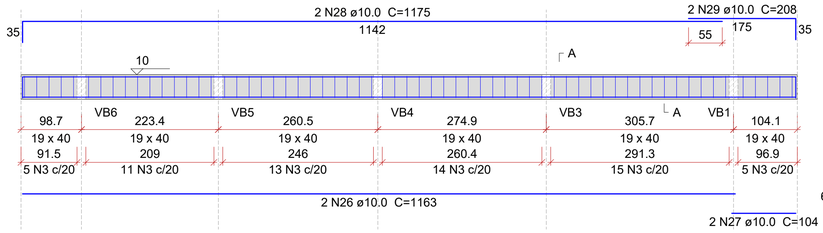


VB9 (14 x 40)
ESC.: 1:50

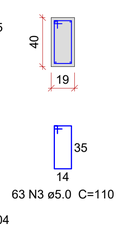


SEÇÃO A-A
ESC.: 1:25

VB10 (19 x 40)
ESC.: 1:50



SEÇÃO A-A
ESC.: 1:25



Relação do aço

VB1	VB2	VB3
VB4	VB5	VB6
VB7	VB8	VB9
VB10		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	151	100	15100
	2	5.0	20	90	1800
	3	5.0	63	110	6930
CA50	4	6.3	15	145	2175
	5	6.3	1	75	75
	6	8.0	2	561	1122
	7	8.0	2	162	324
	8	8.0	2	192	384
	9	8.0	2	362	724
	10	8.0	2	296	592
	11	8.0	2	234	468
	12	8.0	2	280	560
	13	8.0	2	332	664
	14	8.0	2	352	704
	15	8.0	2	628	1256
	16	8.0	2	658	1316
	17	8.0	2	260	520
	18	8.0	2	280	560
	19	10.0	2	585	1170
	20	10.0	20	96	1920
	21	10.0	1	219	219
	22	10.0	2	381	762
	23	10.0	2	335	670
	24	10.0	2	273	546
	25	10.0	2	332	664
	26	10.0	2	1163	2326
	27	10.0	2	104	208
	28	10.0	2	1175	2350
	29	10.0	2	208	416

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	22.5	2	5.5
	8.0	92	8	36.3
	10.0	112.6	10	69.4
CA60	5.0	238.3	20	36.7

PESO TOTAL (kg)	
CA50	111.2
CA60	36.7

Volume de concreto (C-25) = 2.61 m³
Área de forma = 40.17 m²

REVISÃO:	DATA:	DESCRIÇÃO:
R00	10/2022	EMISSÃO INICIAL

CARIMBOS E APROVAÇÕES:

AMAVI
ASSOCIAÇÃO DOS MUNICÍPIOS DO ALTO VALE DO ITAJAÍ
(47) 3531-4242
amavi@amavi.org.br
amavi.org.br
@amavi.altovale
Rua XV de Novembro, 737
Centro, Rio do Sul/SC
89160-015

PROPRIETÁRIO / CONTRATANTE:
PREFEITURA MUNICIPAL DE AGROLÂNDIA
CNPJ: 83.102.582/0001-44

ASSINATURA:

RESPONSÁVEL TÉCNICO PROJETO:
EDUARDO FRANCISCO SILVA DE FIGUEIREDO
ENGENHEIRO CIVIL - CREA: 187051-8-SC

ASSINATURA:
Assinado de forma digital por EDUARDO FRANCISCO SILVA DE FIGUEIREDO:09978473955
Dados: 2022.09.29 11:23:37 -03'00'

PROJETO:
ESTRUTURAL

OBRA:
REFORMA E AMPLIAÇÃO DO BLOCO DE SERVIÇO DO CENTRO DE EDUCAÇÃO INFANTIL HANNA MISFELD

LOGRADOURO: ALAMEDA TROMBUDO ALTO **BAIRRO:** TRÊS BARRAS **Nº:** 1978
MUNICÍPIO: AGROLÂNDIA **UF:** SC **CEP:** 89420-000

ÁREA À AMPLIAR:
42,83 m²

CONTEÚDO:
VIGAS BALDRAME

ESCALA: INDICADA **DATA:** OUT/2022
CÓDIGO AMAVI: 3019
DESENHISTA: EDUARDO FIGUEIREDO

EST04/05

COBRIMENTOS:

Elemento	Cobrimento (cm)
LAJE	2.0
VIGAS	2.5
PILARES	2.5
FUNDAÇÃO	5.0

INFORMAÇÕES DE CAA, TRAÇO DE CONCRETO E CARGAS CONSIDERADAS PARA CÁLCULO, CONSTAM NO **MEMORIAL DESCRITIVO.**

VIGAS BALDRAME
Escala Indicada

TODOS OS DIREITOS RESERVADOS. PROIBIDA A REPRODUÇÃO PARCIAL OU TOTAL. DESENHO VÁLIDO SOMENTE ASSINADO PELO RESPONSÁVEL DO PROJETO.