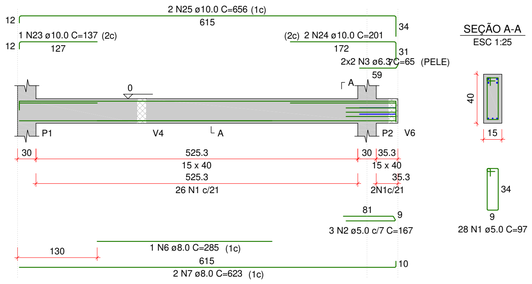
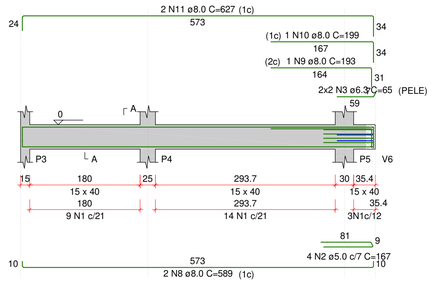
V1
ESC 1:50



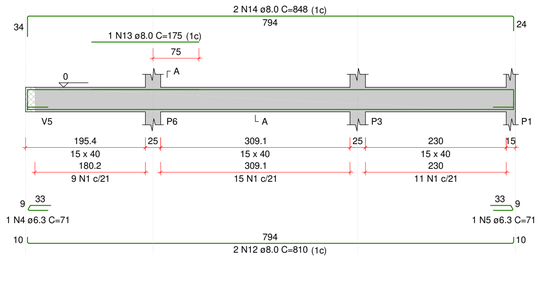
SEÇÃO A-A
ESC 1:25

V2
ESC 1:50

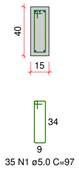


SEÇÃO A-A
ESC 1:25

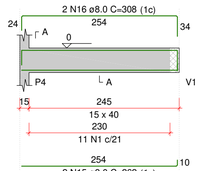
V3
ESC 1:50



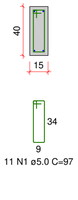
SEÇÃO A-A
ESC 1:25



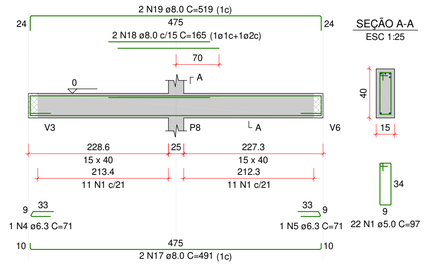
V4
ESC 1:50



SEÇÃO A-A
ESC 1:25

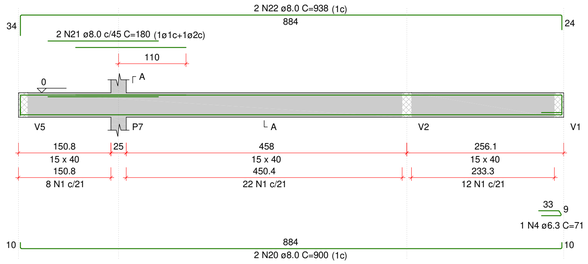


V5
ESC 1:50

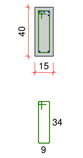


SEÇÃO A-A
ESC 1:25

V6
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

V1 V2 V3
V4 V5 V6

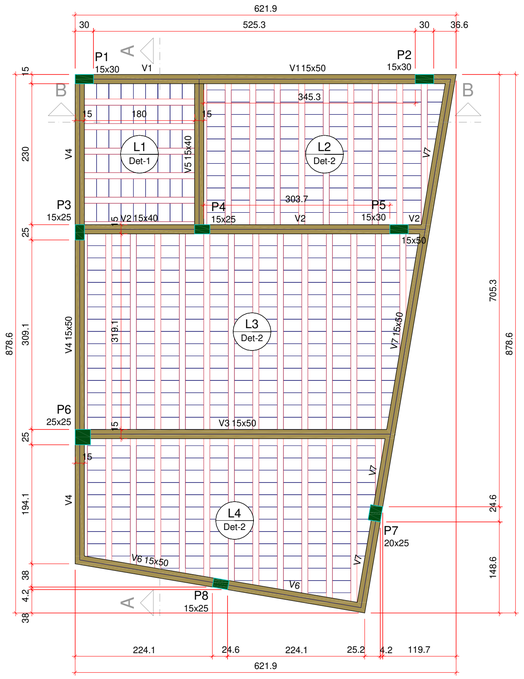
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	164	97	15908
	2	5.0	7	167	1169
CA50	3	6.3	8	65	520
	4	6.3	3	71	213
	5	6.3	2	71	142
	6	8.0	1	285	285
	7	8.0	2	623	1246
	8	8.0	2	589	1178
	9	8.0	1	193	193
	10	8.0	1	199	199
	11	8.0	2	627	1254
	12	8.0	2	810	1620
	13	8.0	1	175	175
	14	8.0	2	848	1696
	15	8.0	2	262	524
	16	8.0	2	308	616
	17	8.0	2	491	982
	18	8.0	2	165	330
	19	8.0	2	519	1038
	20	8.0	2	900	1800
	21	8.0	2	180	360
	22	8.0	2	938	1876
	23	10.0	1	137	137
	24	10.0	2	201	402
	25	10.0	2	656	1312

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	6.3	8.8	2.1
	8.0	153.7	60.7
	10.0	18.5	11.4
CA60	5.0	170.8	26.3

PESO TOTAL (kg)	
CA50	74.2
CA60	26.3

Volume de concreto (C-30) = 1.99 m³
Área de forma = 31.44 m²



FORMA DO PAVIMENTO NÍVEL 1 (NÍVEL 361)
Escala 1:50

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V1	15x50	0	361
V2	15x40	0	361
V3	15x50	0	361
V4	15x50	0	361
V5	15x40	0	361
V6	15x50	0	361
V7	15x50	0	361

Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	15x30	0	361
P2	15x30	0	361
P3	15x25	0	361
P4	15x25	0	361
P5	15x30	0	361
P6	25x25	0	361
P7	20x25	0	361
P8	15x25	0	361

Características dos materiais	
fck (kgf/cm²)	Ecs (kgf/cm²)
300	268384

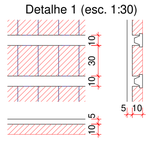
Dimensão máxima do agregado = 19 mm

Legenda
- Pilar que morre
- Viga

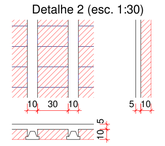
Lajes								
	Dados					Sobrecarga (kgf/m²)		
Nome	Tipo	Altura (cm)	Elevação (cm)	Nível (cm)	Peso próprio (kgf/m²)	Adicional	Acidental	Localizada
L1	Pré-moldada	15	0	361	323	154	300	-
L2	Pré-moldada	15	0	361	323	154	300	-
L3	Pré-moldada	15	0	361	323	154	300	-
L4	Pré-moldada	15	0	361	323	154	300	-

Blocos de enchimento						
Detalhe	Tipo	Nome	Dimensões(cm)			Quantidade
			hb	bx	by	
1/2	Lajota cerâmica	B10/30/20	10	30	20	493

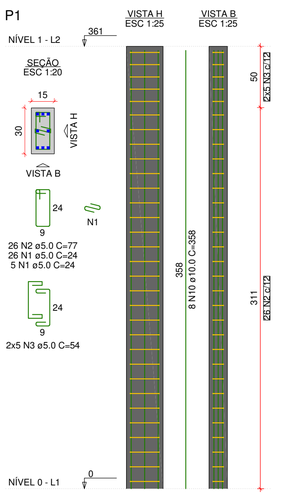
Detalhe 1 (esc. 1:30)



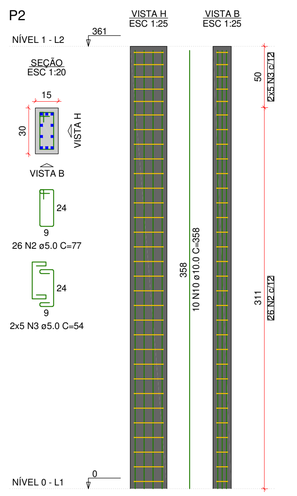
Detalhe 2 (esc. 1:30)



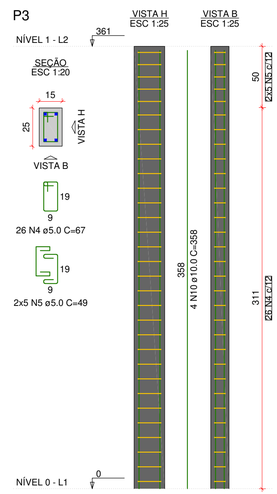
P1



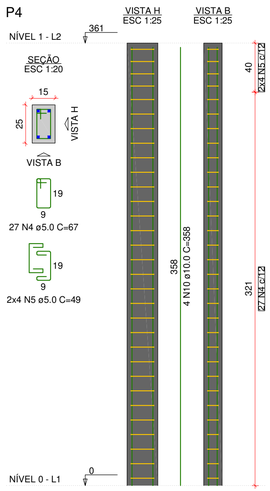
P2



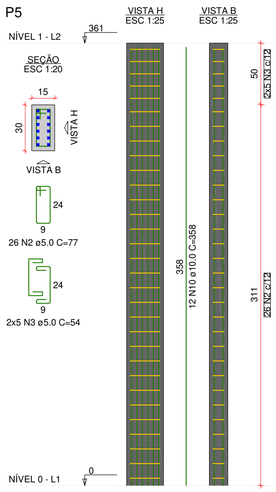
P3



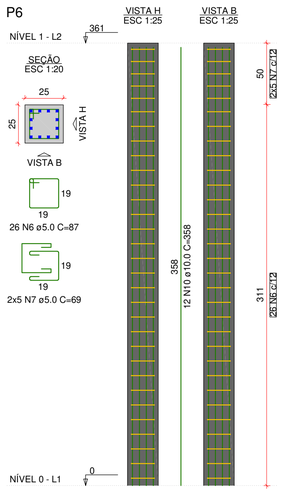
P4



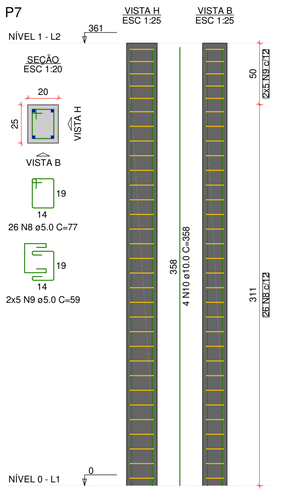
P5



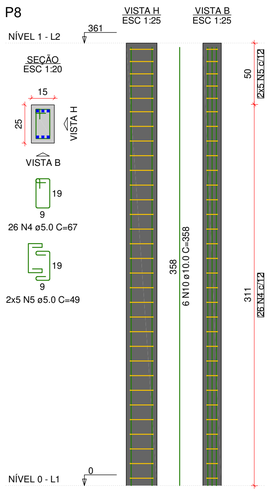
P6



P7



P8



RELAÇÃO DO AÇO

P1 P2 P3
P4 P5 P6
P7 P8

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	31	24	744
	2	5.0	78	77	6006
	3	5.0	30	54	1620
	4	5.0	79	67	5293
	5	5.0	28	49	1372
	6	5.0	26	87	2262
	7	5.0	10	69	690
	8	5.0	26	77	2002
	9	5.0	10	59	590
CA50	10	10.0	60	358	21480

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	10.0	214.8	132.4
CA60	5.0	205.8	31.7

PESO TOTAL (kg)	
CA50	132.4
CA60	31.7

Volume de concreto (C-30) = 1.30 m³
Área de forma = 25.27 m²

Aprovações:

ammoc
Associação dos Municípios do Meio Oeste Catarinense
Rua Roberto Trompowski,68 - 2º andar / Tel: 49 3522-2800 - www.ammoc.org.br - e-mail: ammoc@ammoc.org.br - Joaçaba/SC

PREFEITURA MUNICIPAL DE ERVAL VELHO

Obra:

PROJETO DE REFORMA E AMPLIAÇÃO
CRECHE MUNICIPAL TIA MERCEDES

ESTRUTURAL

Local da Obra:
RUA CEL. HONORATO VIEIRA ESQ. RUA EMÍLIO JACOBE
HACK, BAIRRO CENTRO - ERVAL VELHO/SC

Conteúdo:
- DETALHAMENTO: VIGA (NÍVEL 0)
- PLANTA DE FÔRMA (NÍVEL 1)
- DETALHAMENTO: PILAR (NÍVEL 1)

Responsável Técnico:
Ana Júlia U. de Carvalho - Eng. Civil - CREA-SC 105.295-8
André Brito Dotti - Eng. Civil - CREA-SC 162.237-5
André Felipe Kasteller - Eng. Civil - CREA-SC 201.019-5
Camila Zagonel - Eng. Civil - CREA-SC 112.963-0
Denir Narcizo Zulian - Eng. Civil - CREA-SC 50.805-8
Felipe L. Parisoto - Eng. Agrônomo - CREA-SC 183.059-9
Max Mooshammer - Eng. Civil - CREA-SC 139.164-0
Suellen Karine Cervelin - Eng. Civil - CREA-SC 166.933-0

EST
02/03

Quaisquer alterações consulte os responsáveis técnicos:

Assinado digitalmente por ANDRE BRITO DOTTI:09006284998
DN: C=BR, O=ICP-Brasil, OU=AC FCDL SC v5, OU=82895870000167, OU=Presencial, OU=Certificado PF A3, CN=ANDRE BRITO DOTTI: 09006284998
Razão: Eu sou o autor deste documento
Data: 2026.01.06 12:28:46-03'00'

Assinatura Responsável Técnico

Assinatura Prefeito(a) Municipal

Desenho:	Data:	Escala:	Área Total:
ANDRÉ DOTTI	NOVEMBRO / 2025	Indicada (s)	---