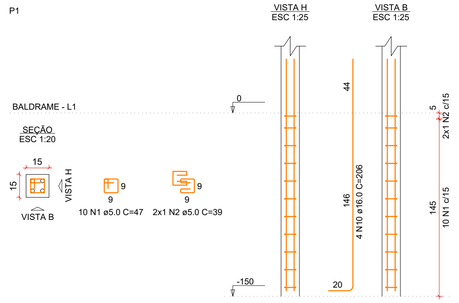
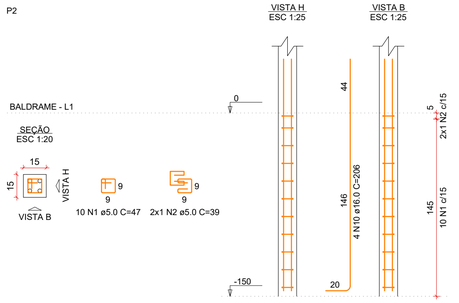
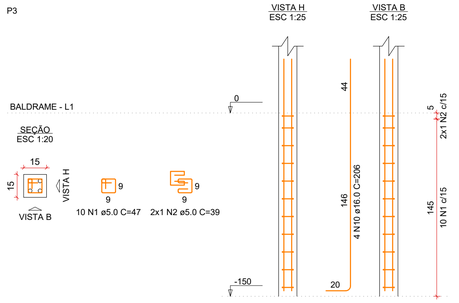
P1



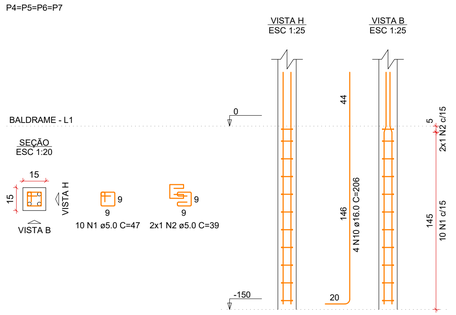
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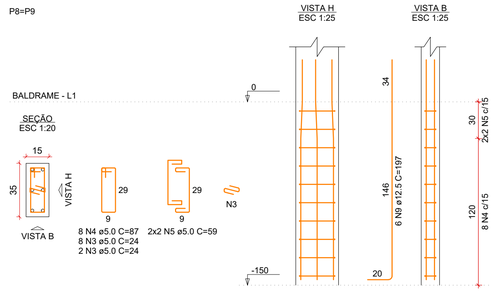
P3



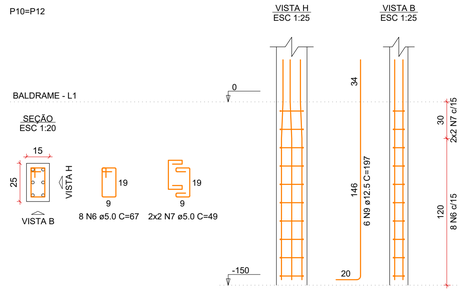
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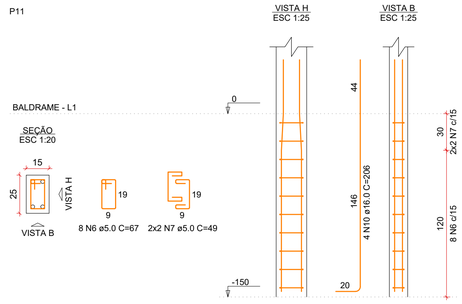
P8=P9



P10=P12



P11



RELAÇÃO DO AÇO

P1
4xP4
P11

P2
2xP8

P3
2xP10

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	83	47	3901
	2	5.0	16	39	624
	3	5.0	20	24	480
	4	5.0	16	87	1392
	5	5.0	8	59	472
	6	5.0	24	67	1608
	7	5.0	12	49	588
CA50	8	10.0	4	192	768
	9	12.5	24	197	4728
	10	16.0	32	206	6592

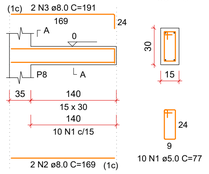
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	7.7	5.2
	12.5	47.3	50.1
	16.0	65.9	114.4
CA60	5.0	90.7	15.4

PESO TOTAL (kg)	
CA50	169.8
CA60	15.4

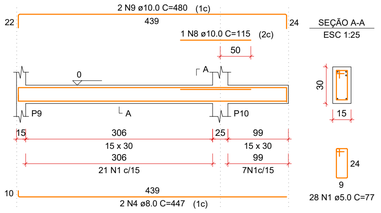
Volume de concreto (C-40) = 0.44 m³
Área de forma = 10.19 m²

V1
ESC 1:50



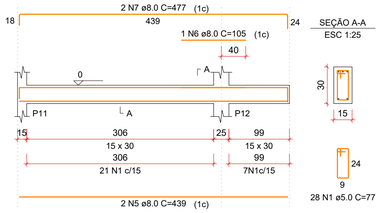
SEÇÃO A-A
ESC 1:25

V2
ESC 1:50



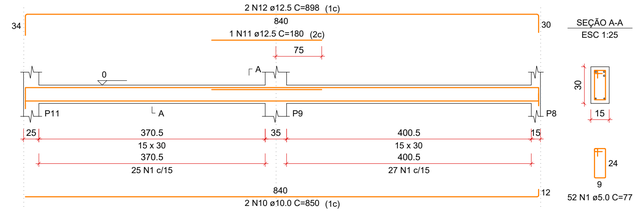
SEÇÃO A-A
ESC 1:25

V3
ESC 1:50



SEÇÃO A-A
ESC 1:25

V4
ESC 1:50



SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO

V1
V4

V2

V3

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	118	77	9086
CA50	2	8.0	2	169	338
	3	8.0	2	191	382
	4	8.0	2	447	894
	5	8.0	2	439	878
	6	8.0	1	105	105
	7	8.0	2	477	954
	8	10.0	1	115	115
	9	10.0	2	480	960
	10	10.0	2	850	1700
	11	12.5	1	180	180
	12	12.5	2	898	1796

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	35.5	15.4
	10.0	27.8	18.8
	12.5	19.8	20.9
CA60	5.0	90.9	15.4

PESO TOTAL (kg)	
CA50	55.2
CA60	15.4

Volume de concreto (C-40) = 0.77 m³
Área de forma = 12.91 m²

PROJETO ESTRUTURAL

AMAI
ASSOCIAÇÃO DOS MUNICÍPIOS DO ALTO IRANI

Obra:
ESCOLA ARLINDO BARBIERO
Rua Santos Dumont - Bairro São José - São Domingos/SC

Data:
04/2026

Escala:
Indicada

Área total:
-

Desenho:
Amanda

Resp. Técnico:
AMANDA CUNICO CARNEIRO:06804905903
Assinado de forma digital por AMANDA CUNICO CARNEIRO:06804905903 Dados: 2026.04.16 08:59:52 -03'00'
Engenheira Civil Amanda Cunico Carneiro - CREA-SC 163.289-6

Município:
MARCIO LUIZ BIGOLIN GROSBELLI:86876082920
Assinado de forma digital por MARCIO LUIZ BIGOLIN GROSBELLI:86876082920 Dados: 2026.05.12 11:18:06 -03'00'
Prefeitura de São Domingos - CNPJ 83.009.894/0001-08

Especificação: Detalhamento Armaduras dos Pilaretes
Detalhamento Armaduras das Vigas Baldrame

Prancha:
EST 03/08