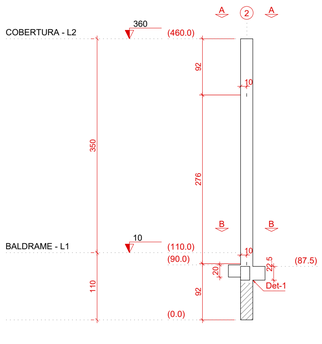
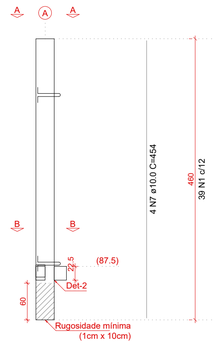
P11

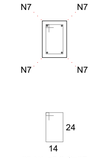
VISTA B
ESC 1:50



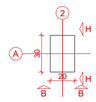
VISTA H
ESC 1:50



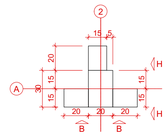
SEÇÃO L2=L1
ESC 1:25



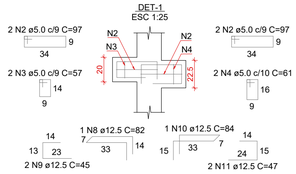
CORTE A (360.0)
ESC 1:25



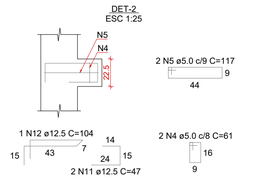
CORTE B (10.0)
ESC 1:25



DET-1
ESC 1:25



DET-2
ESC 1:25



RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
P11	CA60	1	5.0	39	87	3393
	CA60	2	5.0	4	97	388
	CA60	3	5.0	2	57	114
	CA60	4	5.0	4	61	244
	CA60	5	5.0	2	117	234
	CA50	7	10.0	4	454	1816
	CA50	8	12.5	1	82	82
	CA50	9	12.5	2	45	90
	CA50	10	12.5	1	84	84
	CA50	11	12.5	4	47	188
	CA50	12	12.5	1	104	104

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)
CA50	10.0	18.2	2
	12.5	5.5	1
CA60	5.0	43.7	5

PESO TOTAL (kg)	
CA50	18.1
CA60	7.4

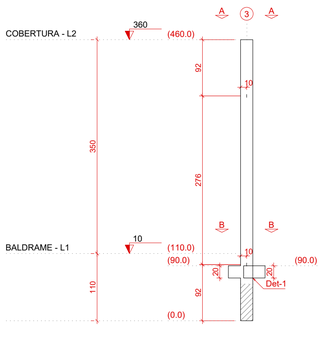
Volume de concreto (C-30) = 0.30 m³
Peso total da peça = 746.23 kg
Área de forma = 0.00 m²

Relação das alças de içamento				
Qtde.	Aço	ø (mm)	C. Anc. (cm)	C. Unit. (cm)
2	ASTM A36	10	27	97

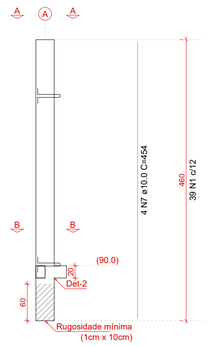
Relação dos pinos de ancoragem				
Nome	Quantidade	Aço	ø (mm)	Comp. (cm)
PA-1	1	CA25	12.5	34

P12

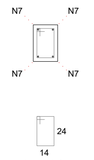
VISTA B
ESC 1:50



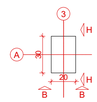
VISTA H
ESC 1:50



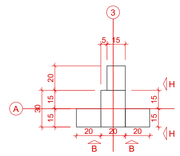
SEÇÃO L2=L1
ESC 1:25



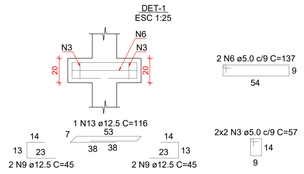
CORTE A (360.0)
ESC 1:25



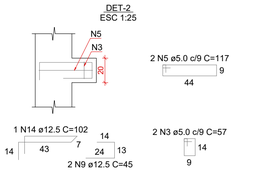
CORTE B (10.0)
ESC 1:25



DET-1
ESC 1:25



DET-2
ESC 1:25



RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
P12	CA60	1	5.0	39	87	3393
	CA60	6	5.0	2	137	274
	CA60	3	5.0	6	57	342
	CA60	5	5.0	2	117	234
	CA50	7	10.0	4	454	1816
	CA50	13	12.5	1	116	116
	CA50	9	12.5	6	45	270
	CA50	14	12.5	1	102	102

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)
CA50	10.0	18.2	2
	12.5	4.9	1
CA60	5.0	42.4	4

PESO TOTAL (kg)	
CA50	17.5
CA60	7.2

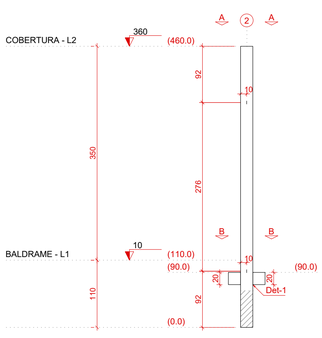
Volume de concreto (C-30) = 0.30 m³
Peso total da peça = 742.48 kg
Área de forma = 0.00 m²

Relação das alças de içamento				
Qtde.	Aço	ø (mm)	C. Anc. (cm)	C. Unit. (cm)
2	ASTM A36	10	27	97

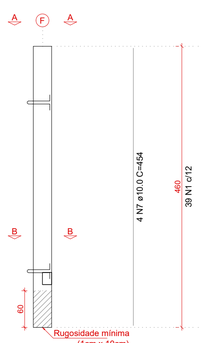
Relação dos pinos de ancoragem				
Nome	Quantidade	Aço	ø (mm)	Comp. (cm)
PA-1	1	CA25	12.5	34

P13

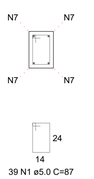
VISTA B
ESC 1:50



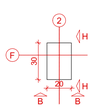
VISTA H
ESC 1:50



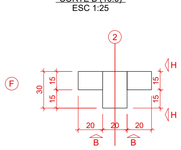
SEÇÃO L2=L1
ESC 1:25



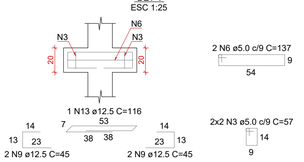
CORTE A (360.0)
ESC 1:25



CORTE B (10.0)
ESC 1:25



DET-1
ESC 1:25



RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
P13	CA60	1	5.0	39	87	3393
	CA60	6	5.0	2	137	274
	CA60	3	5.0	4	57	228
	CA50	7	10.0	4	454	1816
	CA50	13	12.5	1	116	116
	CA50	9	12.5	4	45	180

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)
CA50	10.0	18.2	2
	12.5	3	1
CA60	5.0	39	4

PESO TOTAL (kg)	
CA50	15.5
CA60	6.6

Volume de concreto (C-30) = 0.29 m³
Peso total da peça = 727.48 kg
Área de forma = 0.00 m²

Relação dos pinos de ancoragem				
Nome	Quantidade	Aço	ø (mm)	Comp. (cm)
PA-1	1	CA25	12.5	34

Relação das alças de içamento				
Qtde.	Aço	ø (mm)	C. Anc. (cm)	C. Unit. (cm)
2	ASTM A36	10	27	97

RELAÇÃO DO AÇO

P11-L1 P12-L1 P13-L1

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	117	87	10179
	2	5.0	4	97	388
	3	5.0	12	57	684
	4	5.0	4	61	244
	5	5.0	4	117	468
	6	5.0	4	137	548
CA50	7	10.0	12	454	5448
	8	12.5	1	82	82
	9	12.5	12	45	540
	10	12.5	1	84	84
	11	12.5	4	47	188
	12	12.5	1	104	104
	13	12.5	2	116	232
	14	12.5	1	102	102

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)
CA50	10.0	54.5	5
	12.5	13.3	2
CA60	5.0	125.1	12

PESO TOTAL (kg)	
CA50	51.1
CA60	21.2

Volume de concreto (C-30) = 0.89 m³
Área de forma = 0.00 m²

PROJETO ESTRUTURAL

ASSOCIAÇÃO DOS MUNICÍPIOS DO ALTO IRANI

Obra:
CENTRO COMUNITÁRIO 20 DE NOVEMBRO
Interior, Passos Maia - SC

Data: 08/2026

Escala: Indicada

Área: 220,00m²

Resp. Técnico:
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CARNEIRO:06804905903
Assinado de forma digital por AMANDA CUNICO CARNEIRO:06804905903
Dados: 2026.09.02 15:03:18 -03'00'
Amanda Cunico Carneiro - Engenheira Civil CREA/SC 163.289-6

Município:
NEIMAR LUIZ
NERVI5:05716915957
Assinado de forma digital por NEIMAR LUIZ NERVI5:05716915957
Dados: 2026.09.18 10:29:01 -03'00'
Prefeitura de Passos Maia - CNPJ 95.993.085/0001-62

Desenho: Amanda

Especificação: Detalhamento dos Pilares

Prancha: EST 08/16