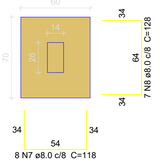
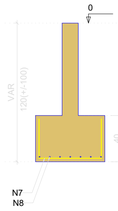
S2X5

PLANTA
ESC 1:25



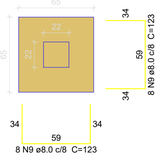
CORTE
ESC 1:25



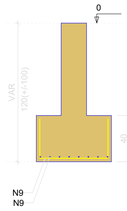
Solo com capacidade de suporte > 2.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S6

PLANTA
ESC 1:25



CORTE
ESC 1:25

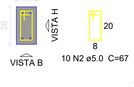


Solo com capacidade de suporte > 2.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

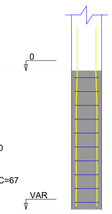
P2X5

FUNDAÇÃO - L1

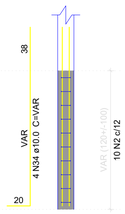
SEÇÃO
ESC 1:20



VISTA H
ESC 1:25



VISTA B
ESC 1:25



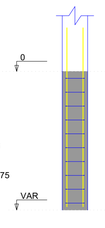
P6

FUNDAÇÃO - L1

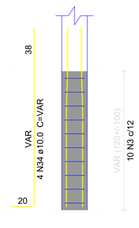
SEÇÃO
ESC 1:20



VISTA H
ESC 1:25

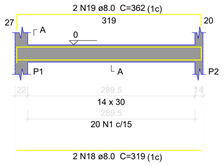


VISTA B
ESC 1:25

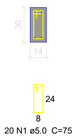


VB1

ESC 1:50

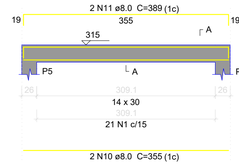


SEÇÃO A-A
ESC 1:25

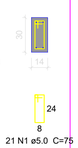


V7

ESC 1:50



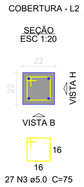
SEÇÃO A-A
ESC 1:25



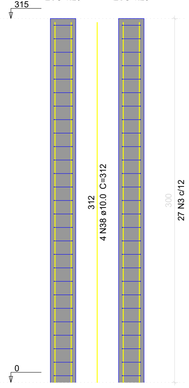
P6X2

COBERTURA - L2

SEÇÃO
ESC 1:20



VISTA H
ESC 1:25

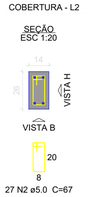


VISTA B
ESC 1:25

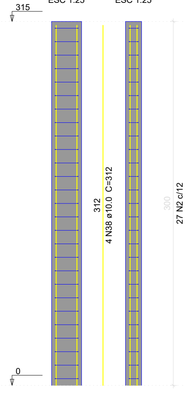
P2=P3=P4=P5

COBERTURA - L2

SEÇÃO
ESC 1:20



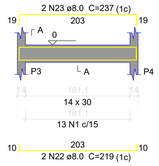
VISTA H
ESC 1:25



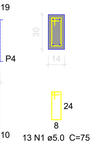
VISTA B
ESC 1:25

VB2

ESC 1:50

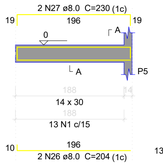


SEÇÃO A-A
ESC 1:25

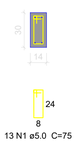


VB3

ESC 1:50

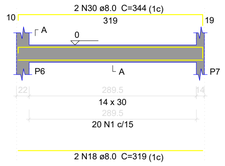


SEÇÃO A-A
ESC 1:25

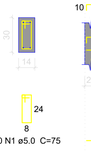


VB4

ESC 1:50

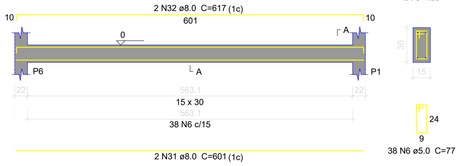


SEÇÃO A-A
ESC 1:25



VB5

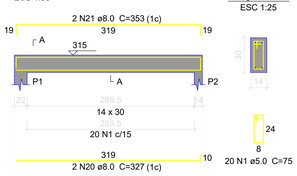
ESC 1:50



SEÇÃO A-A
ESC 1:25

V1

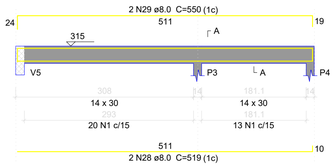
ESC 1:50



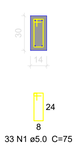
SEÇÃO A-A
ESC 1:25

V2

ESC 1:50

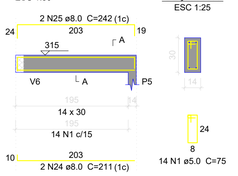


SEÇÃO A-A
ESC 1:25



V3

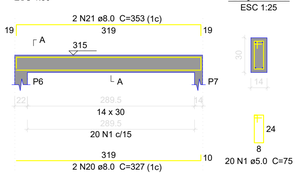
ESC 1:50



SEÇÃO A-A
ESC 1:25

V4

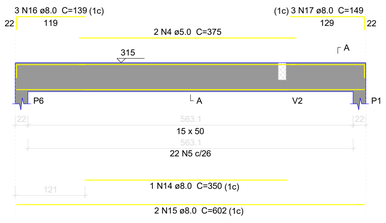
ESC 1:50



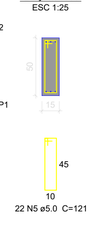
SEÇÃO A-A
ESC 1:25

V5

ESC 1:50

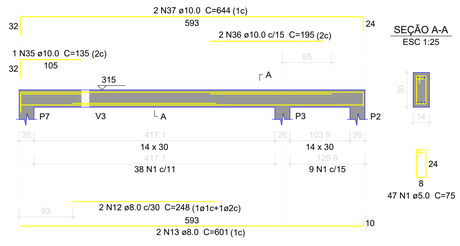


SEÇÃO A-A
ESC 1:25



V6

ESC 1:50



SEÇÃO A-A
ESC 1:25

VB7

ESC 1:50

SEÇÃO A-A
ESC 1:25

Relação do aço

Fundação:	5xP2	2xP6
	5xS2	2xS6
	VB1	VB2
	VB3	VB4
	VB5	VB7
cobertura:	5xP2	2xP6
	V1	V2
	V3	V4
	V5	V6
	V7	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	242	75	18150
	2	5.0	185	67	12395
	3	5.0	74	75	5550
	4	5.0	2	375	750
	5	5.0	22	121	2662
	6	5.0	38	77	2926
CA50	7	8.0	40	118	4720
	8	8.0	35	128	4480
	9	8.0	32	123	3936
	10	8.0	4	355	1420
	11	8.0	2	389	778
	12	8.0	2	248	496
	13	8.0	2	601	1202
	14	8.0	1	350	350
	15	8.0	2	602	1204
	16	8.0	3	139	417
	17	8.0	3	149	447
	18	8.0	4	319	1276
	19	8.0	2	362	724
	20	8.0	4	327	1308
	21	8.0	4	353	1412
	22	8.0	2	219	438
	23	8.0	2	237	474
	24	8.0	2	211	422
	25	8.0	2	242	484
	26	8.0	2	204	408
	27	8.0	2	230	460
	28	8.0	2	519	1038
	29	8.0	2	550	1100
	30	8.0	2	344	888
	31	8.0	2	601	1202
	32	8.0	2	617	1234
	33	8.0	2	363	726
	34	10.0	28	VAR	VAR
	35	10.0	1	135	135
	36	10.0	2	195	390
	37	10.0	2	644	1288
	38	10.0	28	312	8736

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	328.5	142.6
	10.0	154	104.4
CA60	5.0	424.4	71.9

PESO TOTAL (kg)	
CA50	247
CA60	71.9

Volume de concreto (C-25) = 4.35 m³
Área de forma = 61.11 m²

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V1	14x30	0	315
V2	14x30	0	315
V3	14x30	0	315
V4	14x30	0	315
V5	15x50	0	315
V6	14x30	0	315
V7	14x30	0	315

Lajes								
		Dados				Sobrecarga (kgf/m²)		
Nome	Tipo	Altura (cm)	Elevação (cm)	Nível (cm)	Peso próprio (kgf/m²)	Adicional	Acidental	Localizada
L1	Treliçada 1D	13	0	315	176	154	10	-
L2	Treliçada 1D	13	0	315	176	154	10	-
L3	Treliçada 1D	13	0	315	176	182	10	-

Blocos de enchimento						
Detalhe	Tipo	Nome	Dimensões(cm)			Quantidade
			hb	bx	by	
1	EPS Unidirecional	B8/30/125/7.5	8	30	125	58

Forma do pavimento cobertura (Nível 315)

escala 1:50

Forma do pavimento Fundação (Nível 0)

escala 1:50

Legenda dos pilares	
	Pilar que passa

Legenda das vigas e paredes	
	Viga

PREFEITURA MUNICIPAL
PEDRAS DE MARIA DA CRUZ

PROJETO / OBRA:
PROJETO ESTRUTURAL
AMPLIAÇÃO - COZINHA NA ESCOLA BALBINO E CONCEIÇÃO

DATA: 02/06/2026

ESCALAS: INDICADA

VERSÃO: 01

ENDEREÇO: RUA DOIS DE JULHO
RUA FRANCISCO BRANDÃO, PEDRAS MARIA DA CRUZ

CONTEÚDO: DETALHAMENTO E ARMAÇÕES - PLANTA DE FORMA

PRANCHA: A1

ÁREAS: AREA DE AMPLIAÇÃO 32 M2

PROPOSTA Nº: -

ART Nº: -

PREFEITURA MUNICIPAL DE
PEDRAS DE MARIA DA CRUZ
CNPJ: 25.209.156/0001-08

RT: ADRIANA DE SOUZA PIMENTEL
Engenheira Civil: CREA-MG 231.995/D

OBSERVAÇÕES:
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