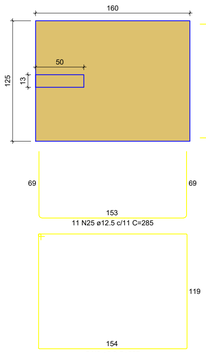
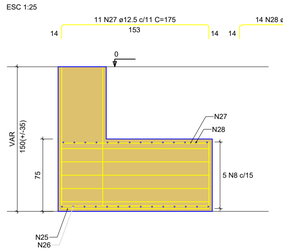
S1

PLANTA
ESC 1:25

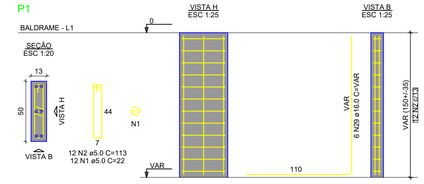


CORTE
ESC 1:25



P1

BALDRAME - L1



Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

RELAÇÃO DO AÇO

P1	P2	3xP3
3xP4	P9	P10
P11	S1	S2
3xS3	3xS4	S9
S10	S11	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	12	22	264
	2	5.0	39	113	4407
	3	5.0	90	22	1980
	4	5.0	45	83	3735
	5	5.0	9	24	216
	6	5.0	9	117	1053
	7	5.0	7	77	539
	8	5.0	5	557	2785
CA50	9	8.0	18	108	1944
	10	8.0	21	73	1533
	11	8.0	18	103	1854
	12	8.0	18	83	1494
	13	8.0	10	153	1530
	14	8.0	13	133	1729
	15	10.0	50	VAR	VAR
	16	10.0	18	VAR	VAR
	17	10.0	6	VAR	VAR
	18	10.0	2	75	150
	19	10.0	13	212	2756
	20	10.0	25	192	4800
	21	10.0	9	177	1593
	22	10.0	12	142	1704
	23	10.0	13	172	2236
	24	12.5	8	94	752
	25	12.5	11	285	3135
	26	12.5	14	250	3500
	27	12.5	11	175	1925
	28	12.5	14	140	1960
	29	16.0	6	VAR	VAR
	30	16.0	4	VAR	VAR

RESUMO DO AÇO

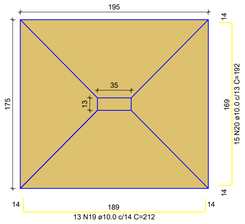
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	100.8	43.8
	10.0	222.5	150.9
	12.5	112.7	119.4
	16.0	21.9	38.1
CA60	5.0	149.8	25.4

PESO TOTAL (kg)	
CA50	352.1
CA60	25.4

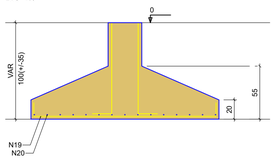
Volume de concreto (C-25) = 5.55 m³
Área de forma = 21.30 m²

S2

PLANTA
ESC 1:25

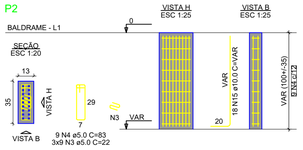


CORTE
ESC 1:25



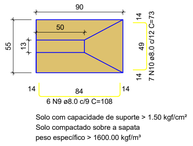
P2

BALDRAME - L1



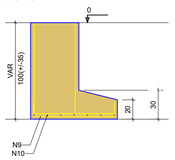
S3=S5=S7

PLANTA
ESC 1:25



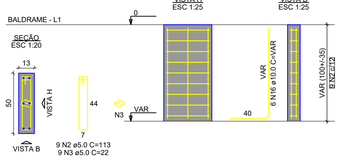
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



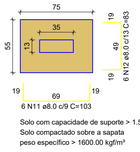
P3=P5=P7

BALDRAME - L1



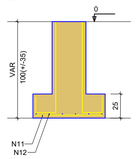
S4=S6=S8

PLANTA
ESC 1:25



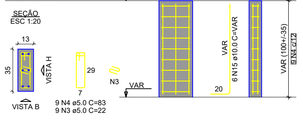
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



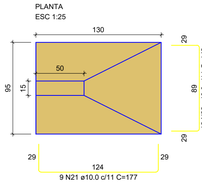
P4=P6=P8

BALDRAME - L1



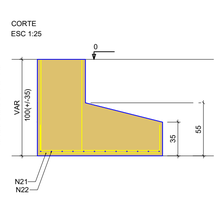
S9

PLANTA
ESC 1:25



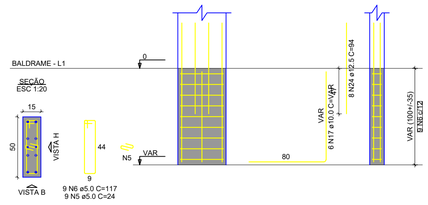
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



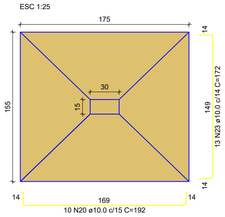
P9

BALDRAME - L1



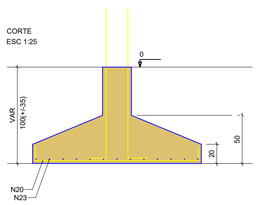
S10

PLANTA
ESC 1:25



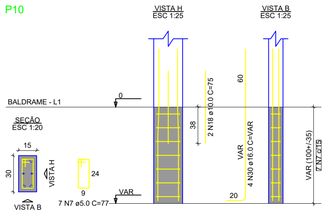
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



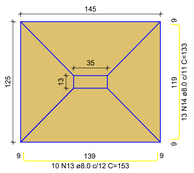
P10

BALDRAME - L1



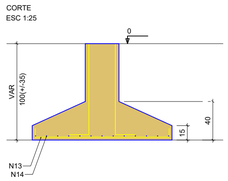
S11

PLANTA
ESC 1:25



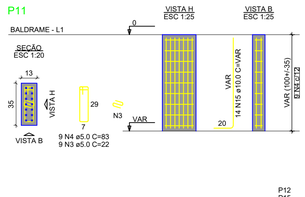
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



P11

BALDRAME - L1



RELAÇÃO DO AÇO

P12	P13	P14
P15	P16	S12
S13	S14	S15
S16		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	41	77	3157
	2	5.0	18	24	432
CA50	3	8.0	6	123	738
	4	8.0	13	108	1404
	5	8.0	10	138	1380
	6	8.0	12	123	1476
	7	8.0	6	118	708
	8	8.0	6	98	588
	9	8.0	6	88	528
	10	10.0	8	75	600
	11	10.0	4	VAR	VAR
	12	10.0	6	VAR	VAR
	13	10.0	14	VAR	VAR
	14	10.0	9	167	1503
	15	10.0	12	147	1764
	16	12.5	4	VAR	VAR
	17	12.5	14	94	1316
	18	16.0	4	VAR	VAR

RESUMO DO AÇO

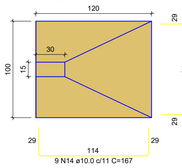
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	68.2	29.6
	10.0	71.7	48.6
	12.5	22.4	23.7
	16.0	6.9	12
CA60	5.0	35.9	6.1

PESO TOTAL (kg)	
CA50	114
CA60	6.1

Volume de concreto (C-25) = 1.48 m³
Área de forma = 8.28 m²

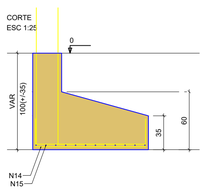
S12

PLANTA
ESC 1:25



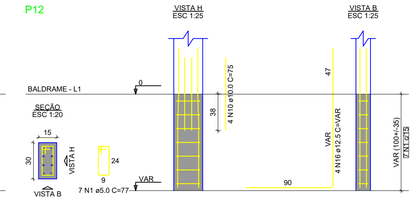
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



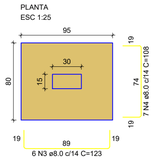
P12

BALDRAME - L1



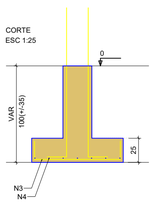
S13

PLANTA
ESC 1:25



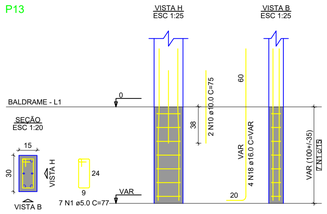
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



P13

BALDRAME - L1



PROJETO ESTRUTURAL

OBRA: EDIFICAÇÃO RESIDENCIAL	ÁREA EXISTENTE: 0,00 m²	ÁREA A CONSTRUIR: 221,38 m²
LOCAL: Rua Travessa 4, S/N, Centro, Santa Carmem -MT LOTES S/N - QUADRA S-15	EQUIPE TÉCNICA: EQUIPE QUE PARTICIPOU DO PROJETO	
PROPRIETARIO: PREFEITURA MUNICIPAL DE SANTA CARMEM CNPJ: 37.465.283/0001-57	RESP. TÉCNICO - ARQUITETO: PABLO FELIX BETTONI Arquiteta e Urbanista CAU nº: A161000-7	
CONTEÚDO: DETALHE DOS PILARES	PROJETO: ESTRUTURAL	
ESCALA: INDICADA	DESENHISTA: PABLO BETTONI	DATA: JULHO/2025	FOLHA: 03 / 05

DIREITOS AUTORAIS RESERVADOS. PROIBIDA A REPRODUÇÃO TOTAL OU PARCIAL.