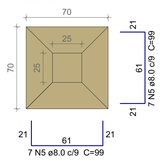
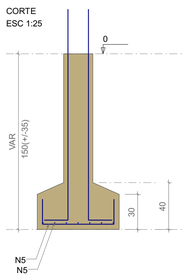
S1

PLANTA
ESC 1:25

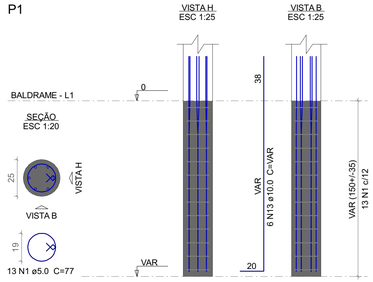


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

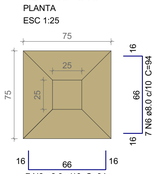


P1



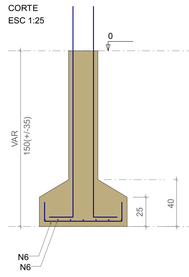
S2=S13=S19

PLANTA
ESC 1:25

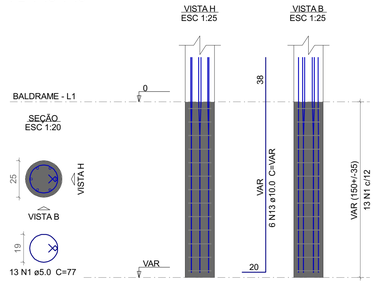


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

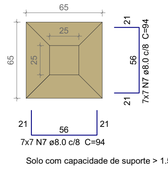


P2=P13=P19



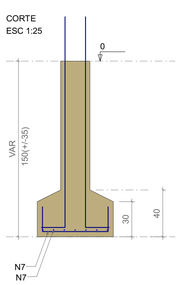
S3=S5=S6=S7=S10=S12=S15

PLANTA
ESC 1:25

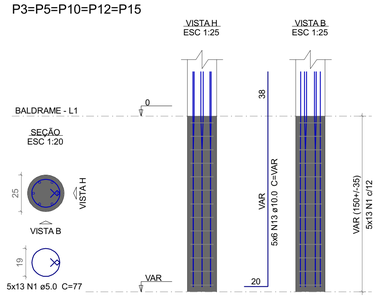


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

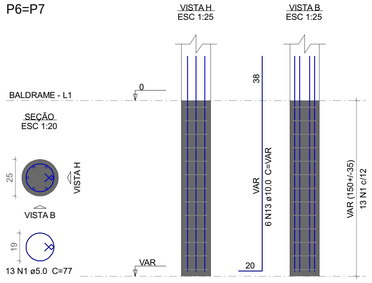
CORTE
ESC 1:25



P3=P5=P10=P12=P15

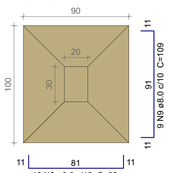


P6=P7



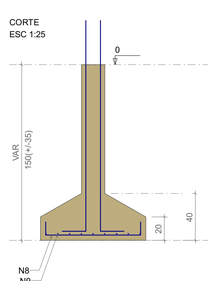
S4=S16=S18=S20

PLANTA
ESC 1:25

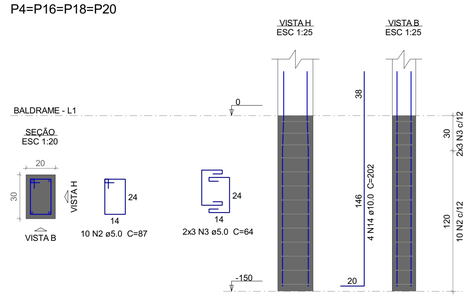


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



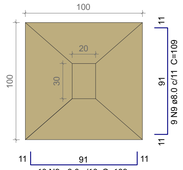
P4=P16=P18=P20



P9=P11=P14=P17=P23

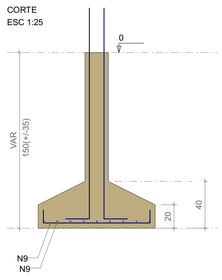
S9=S11=S14=S17=S23

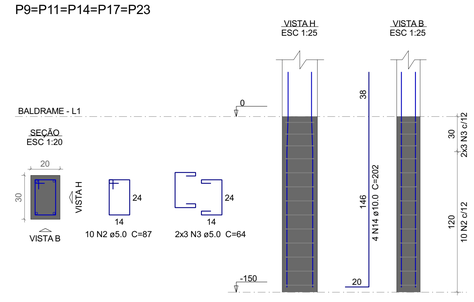
PLANTA
ESC 1:25



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

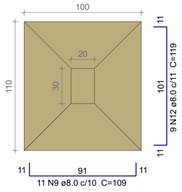
CORTE
ESC 1:25





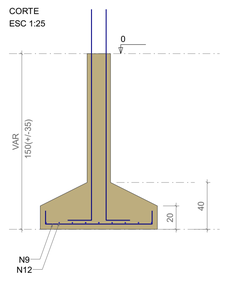
S21=S22

PLANTA
ESC 1:25

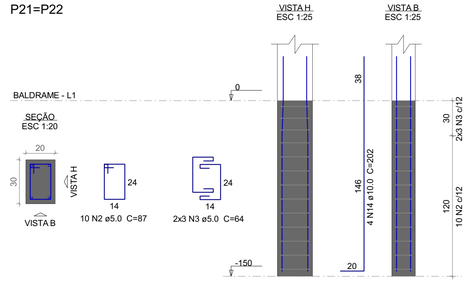


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

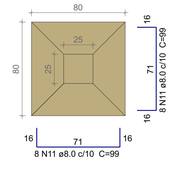


P21=P22



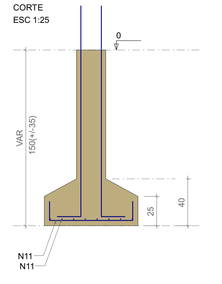
S8

PLANTA
ESC 1:25

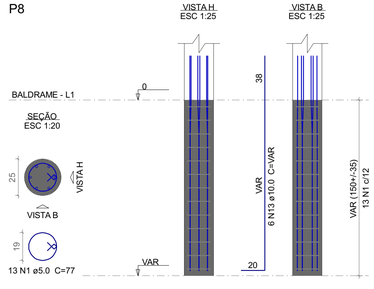


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



P8



Relação do aço

S1
5xS11
2xS21

S8
3xS13

7xS10
4xS16

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	156	77	12012
	2	5.0	110	87	9570
	3	5.0	66	64	4224
CA50	5	8.0	14	99	1386
	6	8.0	42	94	3948
	7	8.0	98	94	9212
	8	8.0	40	99	3960
	9	8.0	153	109	16677
	11	8.0	16	99	1584
	12	8.0	18	119	2142
	13	10.0	72	VAR	VAR
	14	10.0	44	202	8888

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	389.1	169.1
	10.0	234.3	159.0
CA60	5.0	258.1	43.7

PESO TOTAL (kg)	
CA50	328.1
CA60	43.7

Volume de concreto (C-30) = 6.54 m³
Área de forma = 41.05 m²

R02		
R01		
R00	EMISSÃO INICIAL	26/03/2026

RENAN LENZ ENGENHEIRO CIVIL
Vila Santa Catarina, Salvador das Missões-RS
(55) 99960-3817
@ENG.RENANLENZ

CLIENTE: PREFEITURA DE UBIRETAMA

RESPONSÁVEL PELA OBRA: RENAN EDUARDO LENZ

LOCALIZAÇÃO: UBIRETAMA/RS

DESENHO: EST-03-BAL-FUN

PROJETO: Fundações do pavimento Baldrame

FASE : Dimensionamento

CONTEÚDO: Planta de Locação

RENAN EDUARDO LENZ:04260726005 — Assinado de forma digital por RENAN EDUARDO LENZ:04260726005 Dados: 2026.11.08 20:28:13 -03'00'

ESCALA: INDICADA

1ª EMISSÃO:

PAVIMENTO: Baldrame

DESENHO 3 / 6

REVISÃO 0