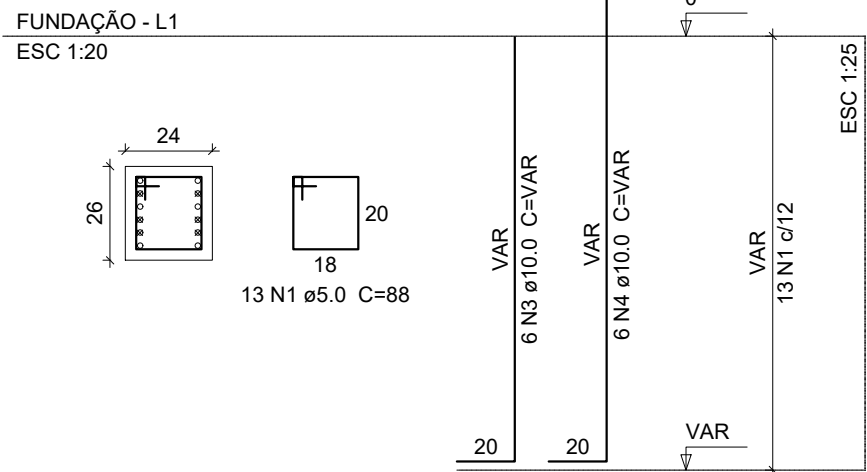
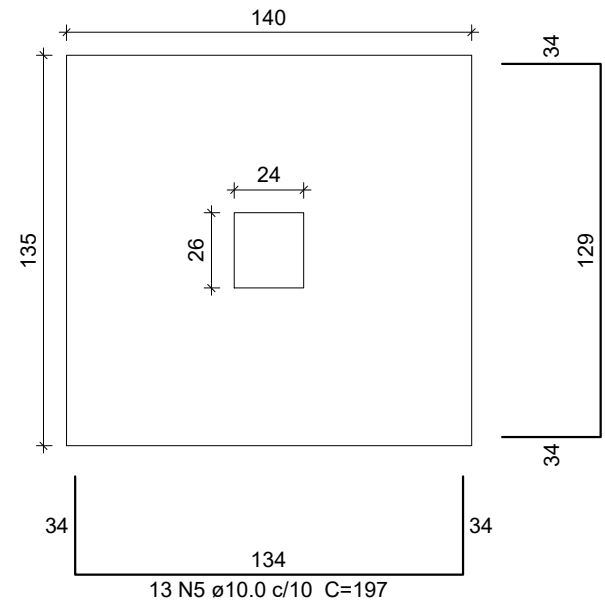


P1

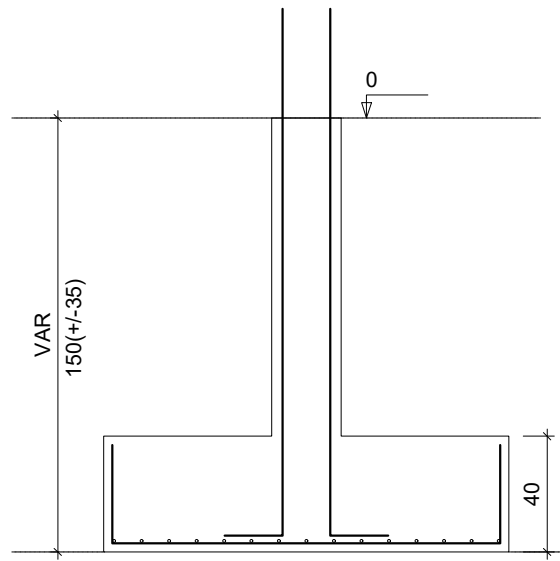


S1
PLANTA
ESC 1:25

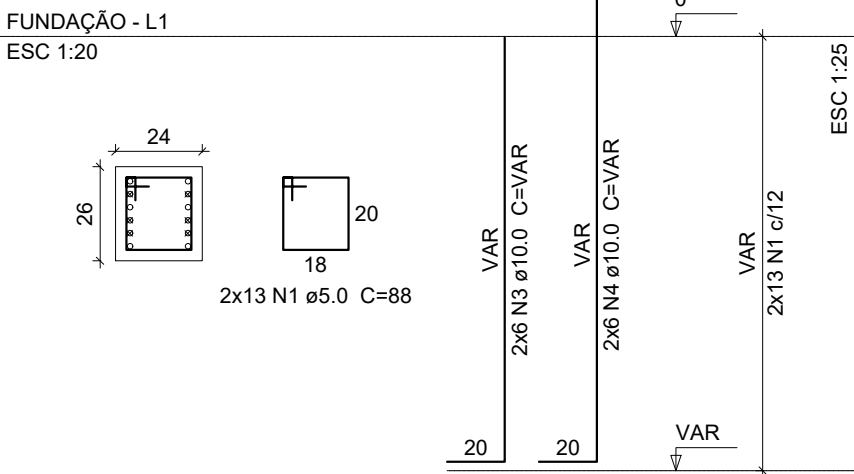


Solo com capacidade de suporte > 2.80 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1750.00 kg/m³

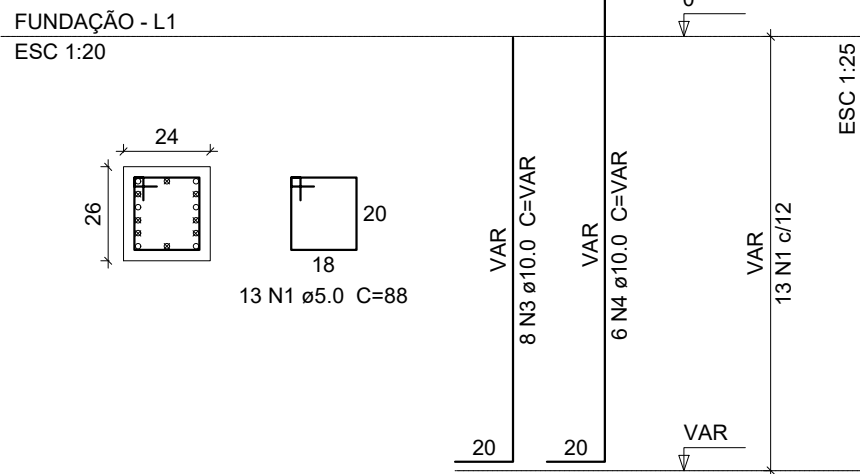
CORTE
ESC 1:25



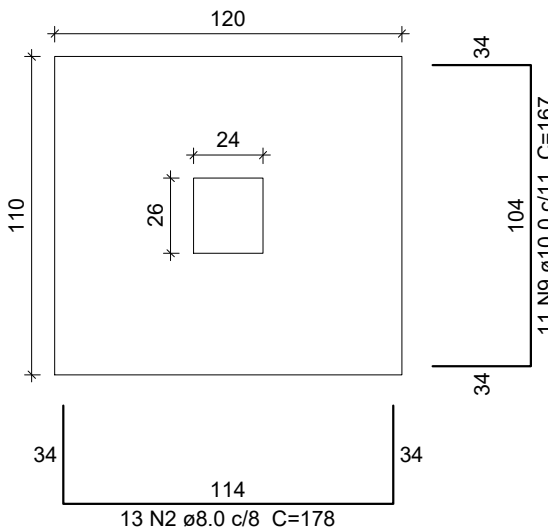
P2=P10



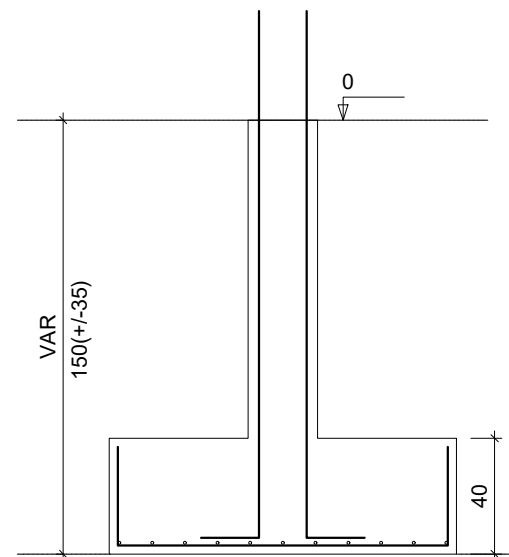
P8



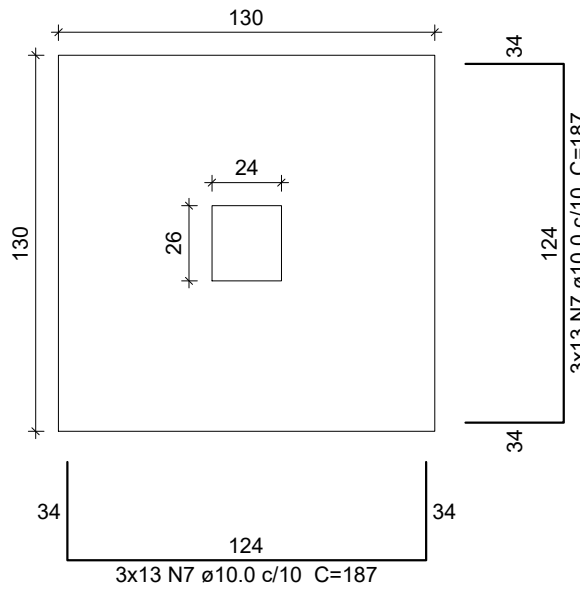
S4=S6
PLANTA
ESC 1:25



Solo com capacidade de suporte > 2.80 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1750.00 kgf/m³

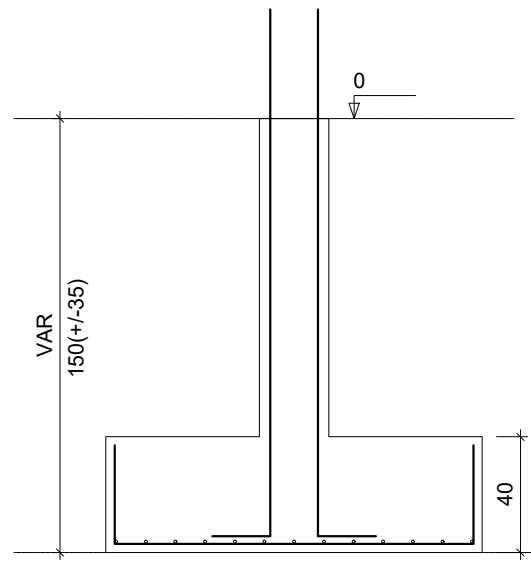


S2=S8=S10
PLANTA
ESC 1:25

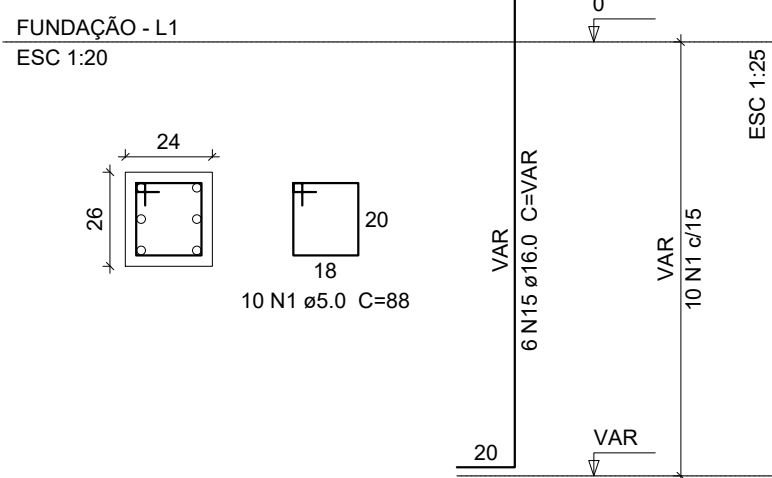


Solo com capacidade de suporte > 2.80 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1750.00 kgf/m³

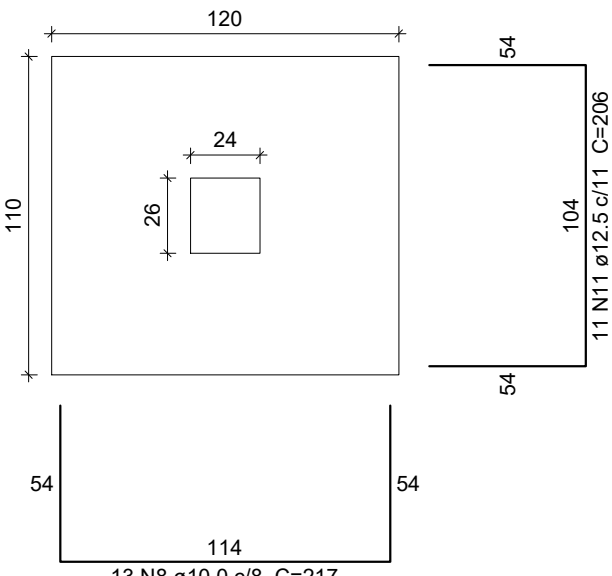
CORTE
ESC 1:25



P3=P7=P9

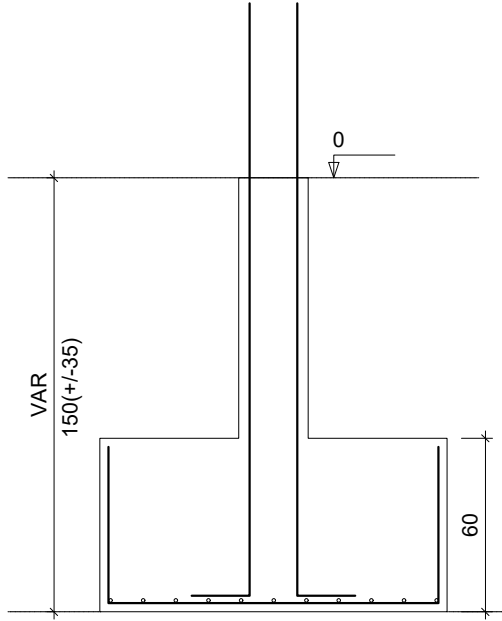


S3=S7=S9
PLANTA
ESC 1:25

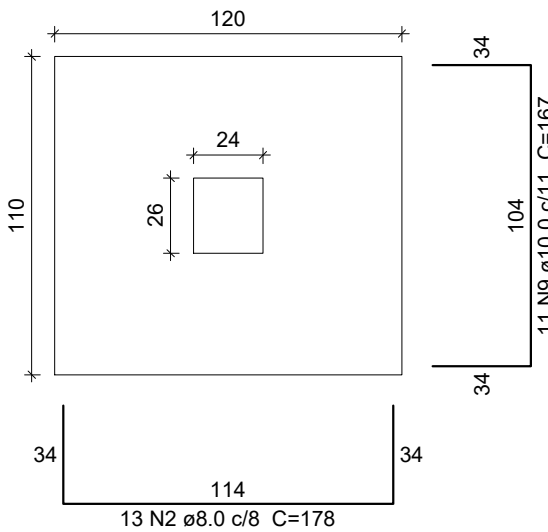
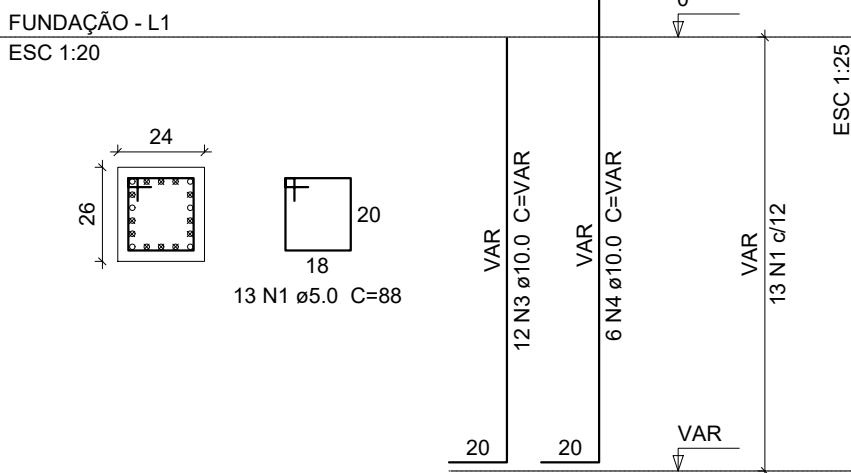


Solo com capacidade de suporte > 2.80 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1750.00 kgf/m³

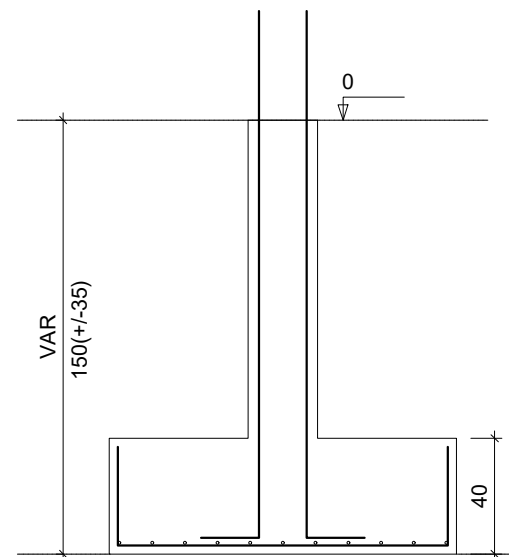
CORTE
ESC 1:25



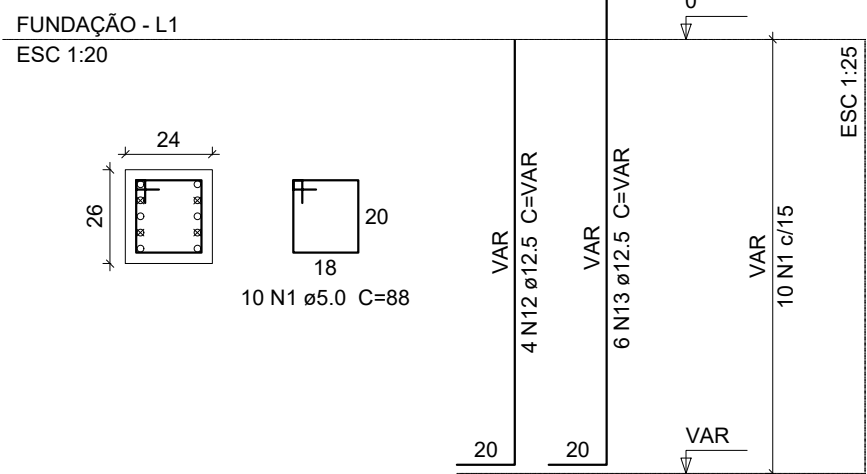
P4=P6



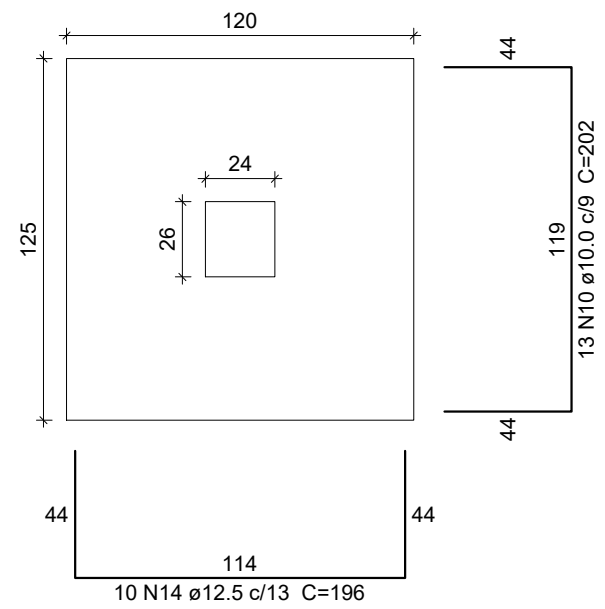
Solo com capacidade de suporte > 2.80 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1750.00 kgf/m³



P5

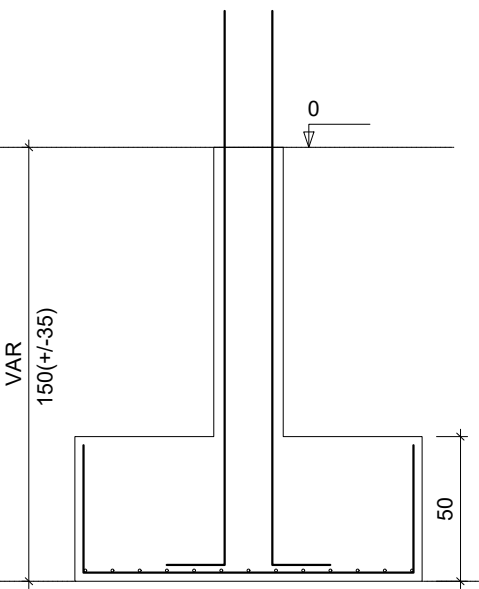


S5
PLANTA
ESC 1:25



Solo com capacidade de suporte > 2.80 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1750.00 kgf/m³

CORTE
ESC 1:25



Relação do aço

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	118	88	10384
CA50	2	8.0	26	178	4628
	3	10.0	50	VAR	VAR
	4	10.0	36	VAR	VAR
	5	10.0	13	197	2561
	6	10.0	15	192	2890
	7	10.0	78	187	14586
	8	10.0	39	217	8463
	9	10.0	22	167	3674
	10	10.0	13	202	2626
	11	12.5	33	206	6798
	12	12.5	4	VAR	VAR
	13	12.5	6	VAR	VAR
	14	12.5	10	196	1960
	15	16.0	18	VAR	VAR

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	46.3	20.1
	10.0	504.6	342.2
	12.5	107	113.4
	16.0	40.7	70.6
CA60	5.0	103.9	17.6
PESO TOTAL (kg)			
CA50		546.3	
CA60		17.6	

Volume de concreto (C-25) = 7.9 m³
Área de forma = 37.85 m²

JOSE IVANIR MIRANDA
DUARTE:04448125637

Assinado de forma digital por JOSE
IVANIR MIRANDA
DUARTE:04448125637
Data: 2026.07.21 08:53:09 -03'00'

BRUMANO
Engenharia

PROJETO ESTRUTURAL COMPLEXO ESPORTIVO

ENGENHEIRO RESPONSÁVEL **Saulo Brumano Reis**

Filho:08763648652

SAULO BRUMANO REIS FILHO
ENGENHEIRO CIVIL CREA 332141/D

Assinado de forma digital
por Saulo Brumano Reis
Filho:08763648652

Dados: 2026.07.17 13:33:35

LOCAL: CANAAS, MG
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE CANAAS

ART:
ANEXO AD PROJETO

INFORMAÇÕES DA PRANCHA:
DETALHAMENTO DE SAPATAS