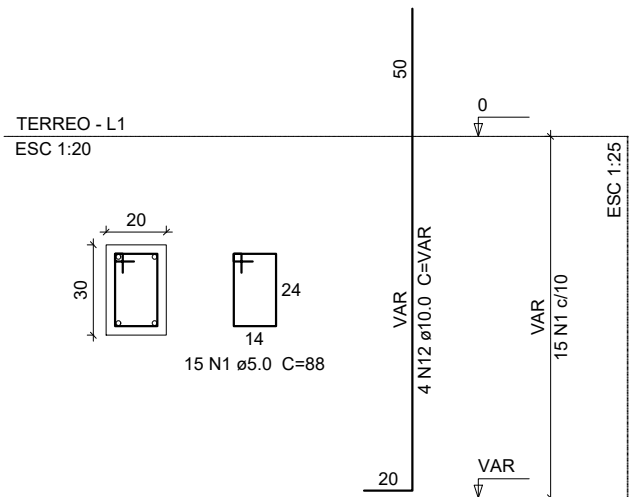
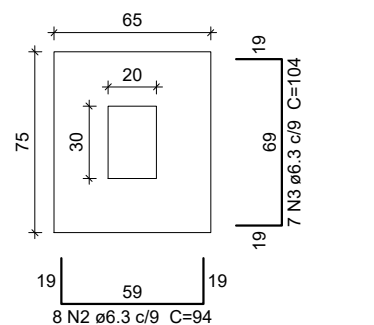


P1=P8=P9=P12



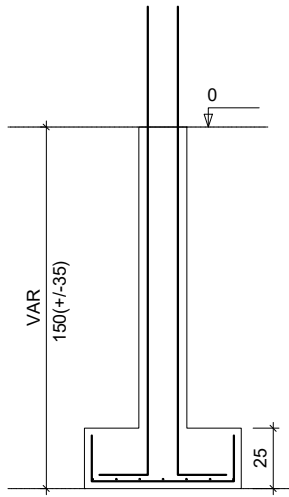
S1=S8=S9=S12

PLANTA
ESC 1:25

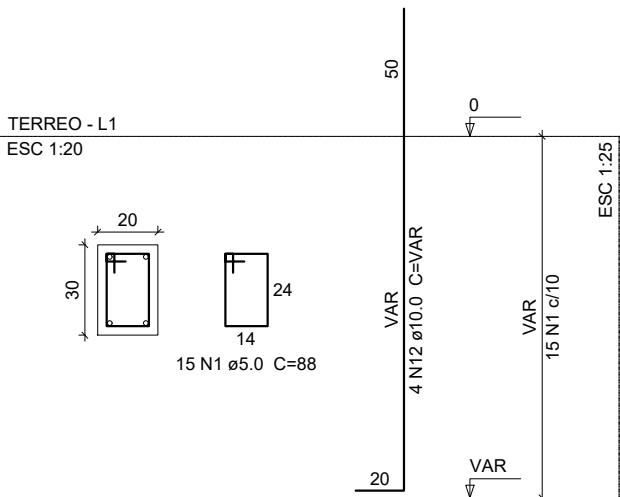


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

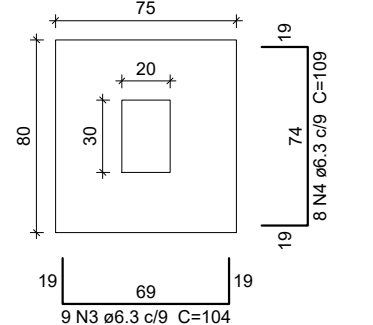


P5=P11



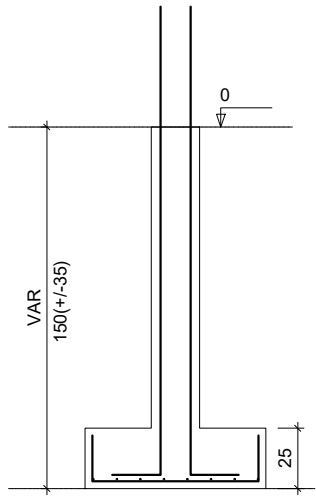
S5=S11

PLANTA
ESC 1:25

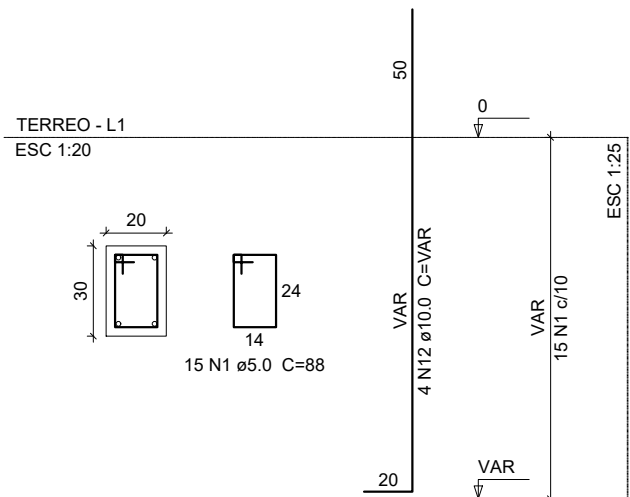


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

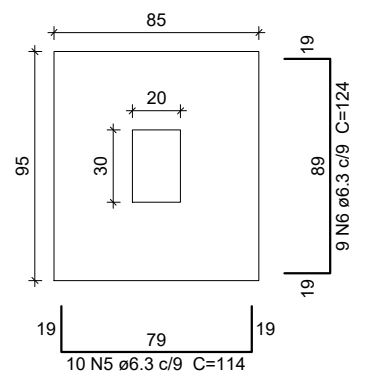


P2



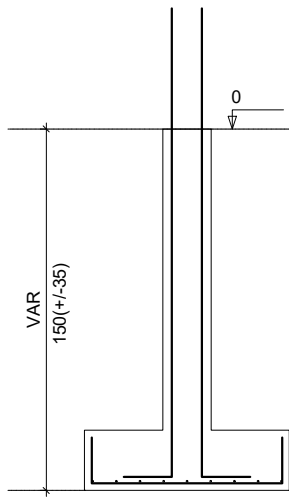
S2

PLANTA
ESC 1:25

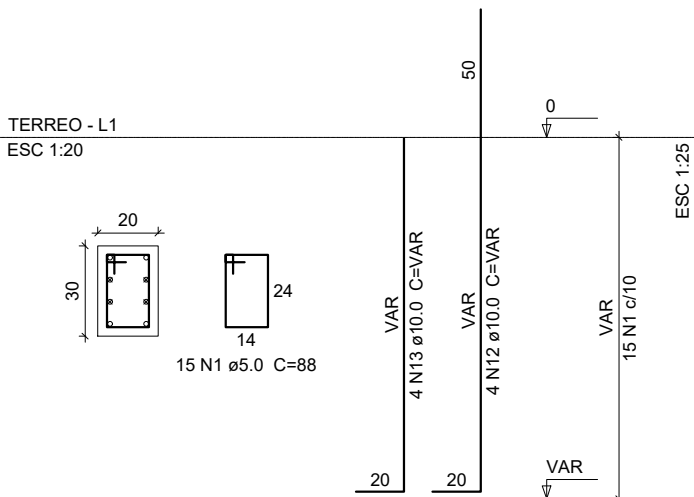


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

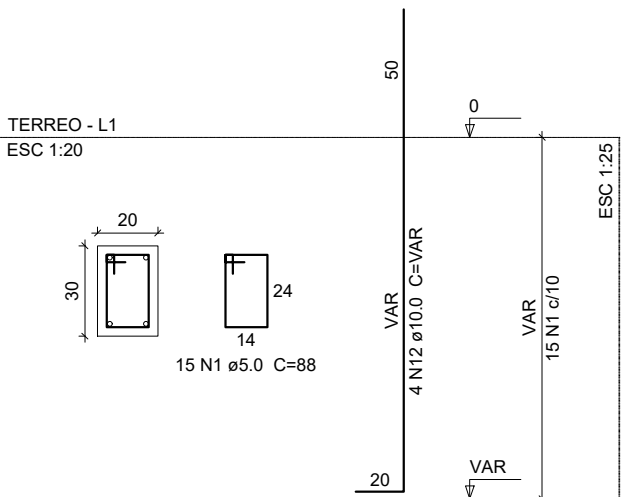
CORTE
ESC 1:25



P10

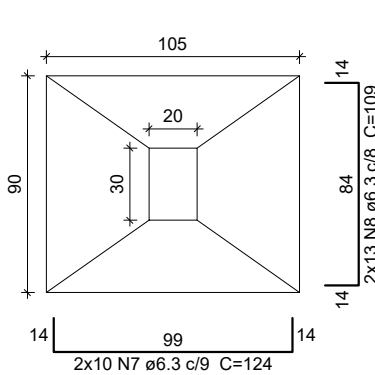


P7



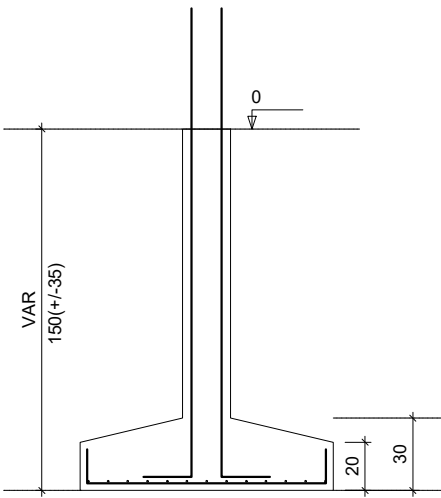
S7=S10

PLANTA
ESC 1:25

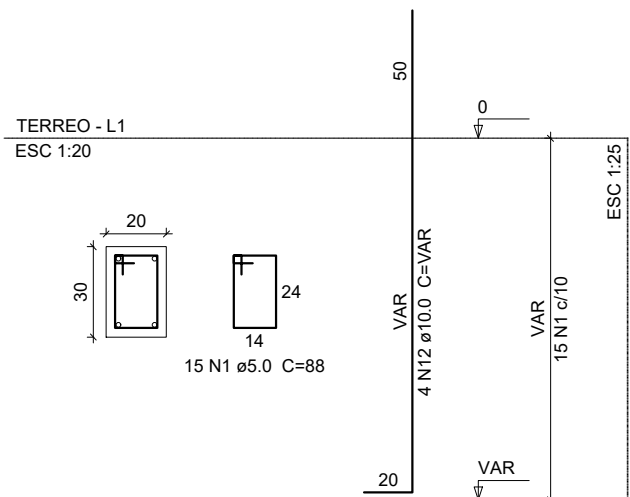


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

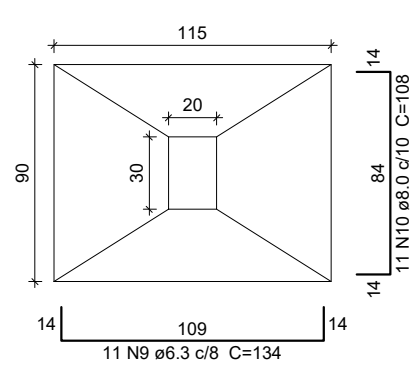


P6



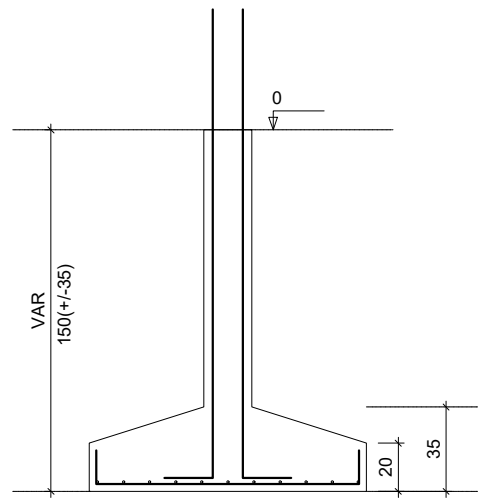
S6

PLANTA
ESC 1:25

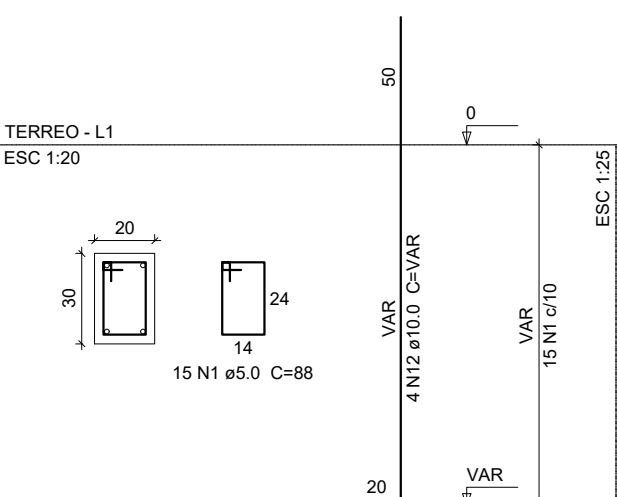


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

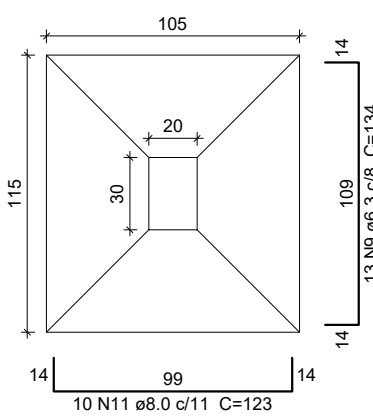


P3=P4



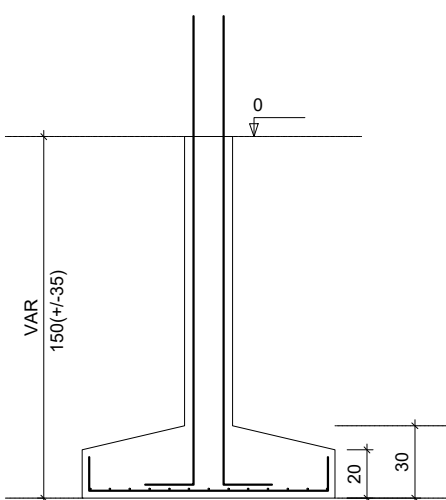
S3=S4

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



Relação do aço

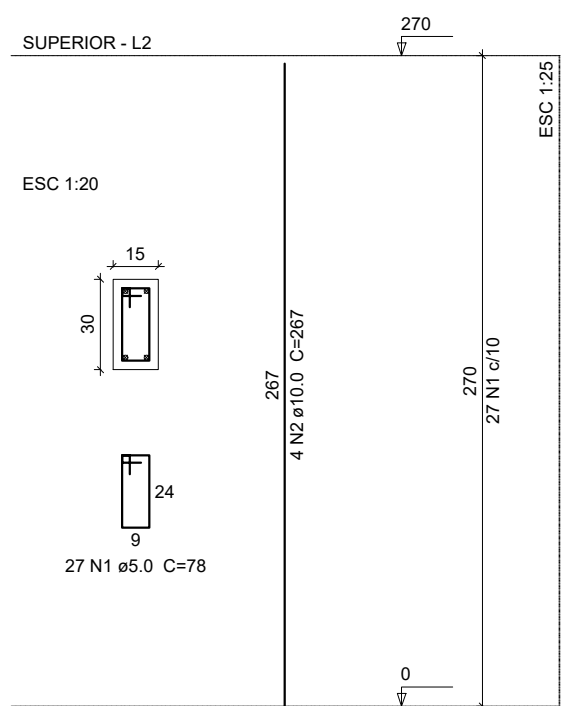
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
4xS1	1	5.0	180	88	15840
2xS5	2	6.3	32	94	3008
	3	6.3	46	104	4784
	4	6.3	16	109	1744
	5	6.3	10	114	1140
	6	6.3	9	124	1116
	7	6.3	20	124	2480
	8	6.3	26	109	2834
	9	6.3	37	134	4958
	10	8.0	11	108	1188
	11	8.0	20	123	2460
	12	10.0	48	VAR	VAR
	13	10.0	4	VAR	VAR

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	220.7	59.4
CA50	8.0	36.5	15.8
CA50	10.0	111.3	75.4
CA60	5.0	158.4	26.9
PESO TOTAL			
CA50	150.7		
CA60	26.9		

Vol. de concreto total (C-25) = 3.39 m³
Área de forma total = 27.39 m²

P1=P2=P3=P4=P5=P6=P7=P8=P9=P10=P11=P12



Relação do aço

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
12xP1	1	5.0	324	78	25272
	2	10.0	48	267	12816

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	128.2	86.9
CA60	5.0	252.8	42.8
PESO TOTAL			
CA50	86.9		
CA60	42.8		

Vol. de concreto total (C-25) = 1.46 m³
Área de forma total = 29.16 m²

PILARES PAVIMENTO SUPERIOR

PREFEITURA MUNICIPAL DE CACIQUE DOBLE			
AV. KAINGANG, 292 - FONE - (54)3552-1244 - CACIQUE DOBLE - E-mail: pmcaciqueadm@ournetonline.com.br			
CONTEÚDO -			
FUNDAÇÕES E PILARES			
ENDEREÇO OBRA -			
CAPELA CONSOLADORA - CACIQUE DOBLE - RS			
ESCALA - INDICADAS			
ANEXO -			
PROJETO -		ÁREA -	
AMPLIAÇÃO DA ESCOLA MUNICIPAL DE ENSINO FUNDAMENTAL		63,90m²	
BELNIBO JOSÉ GRANZOTTO		DATA -	
ENG. CARLA RAGNINI - CREA 137639-6		MAIO/2020	
01-ES			