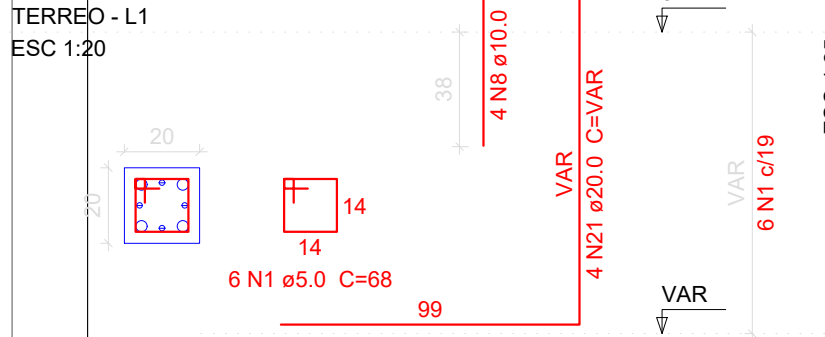
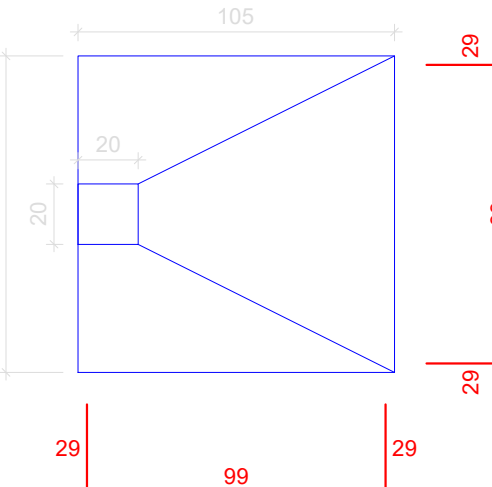


P1

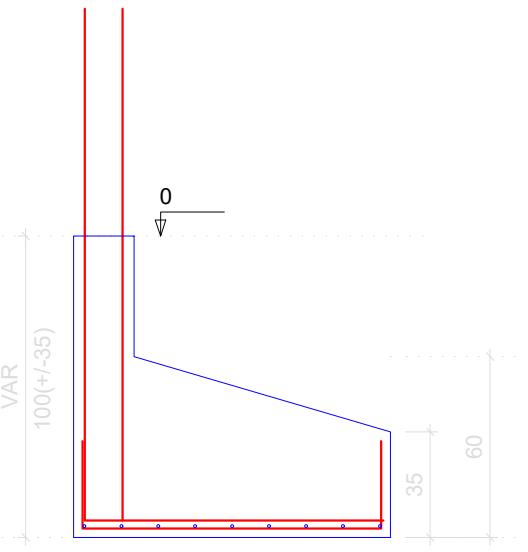


S1
PLANTA
ESC 1:25

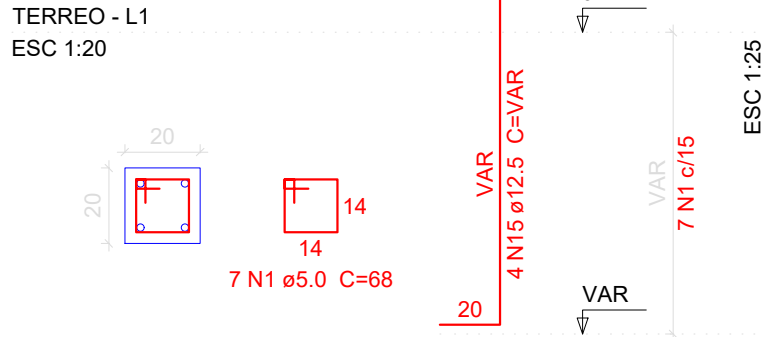


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

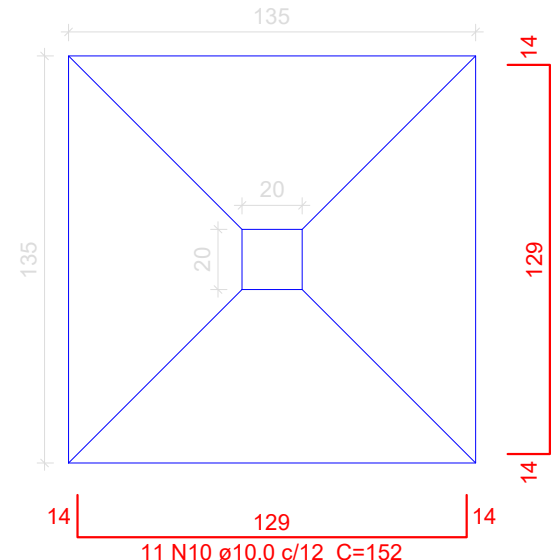
CORTE
ESC 1:25



P2

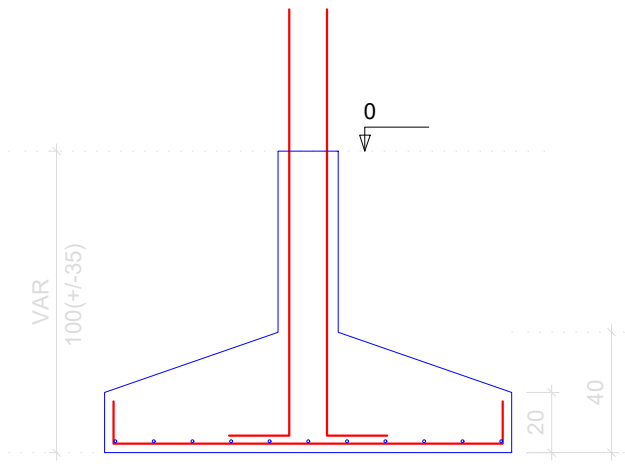


S2
PLANTA
ESC 1:25

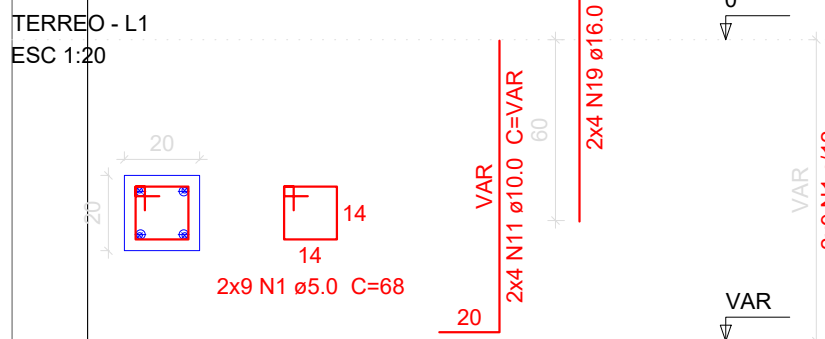


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

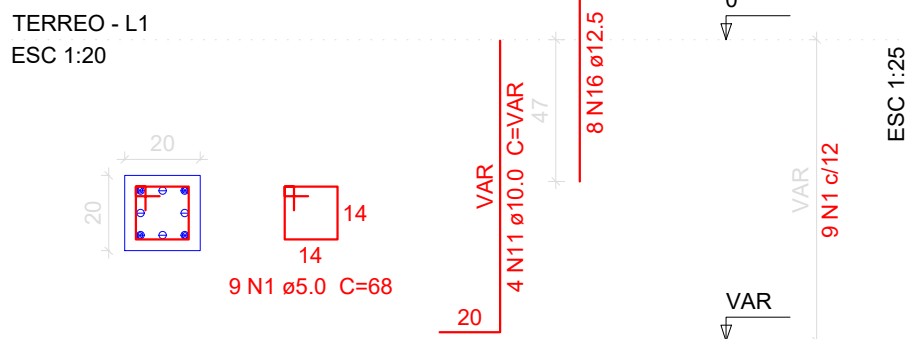
CORTE
ESC 1:25



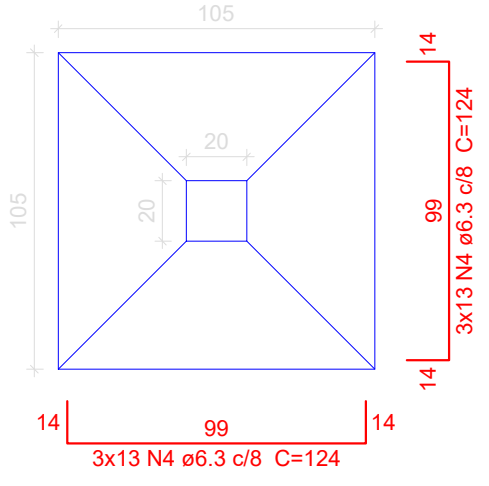
P3=P12



P4

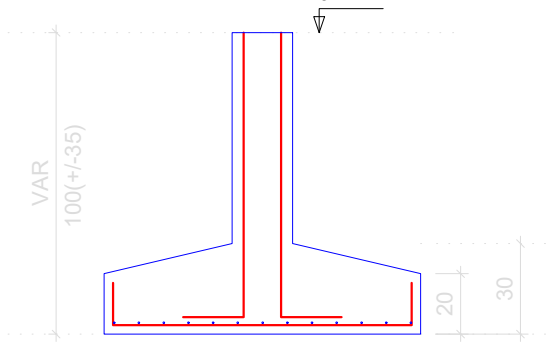


S3=S4=S12
PLANTA
ESC 1:25

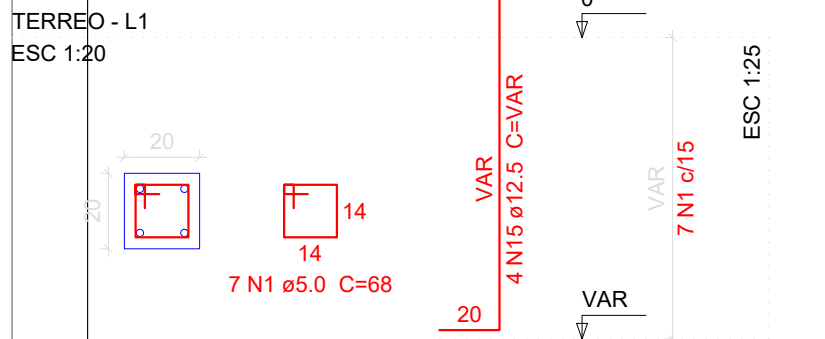


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

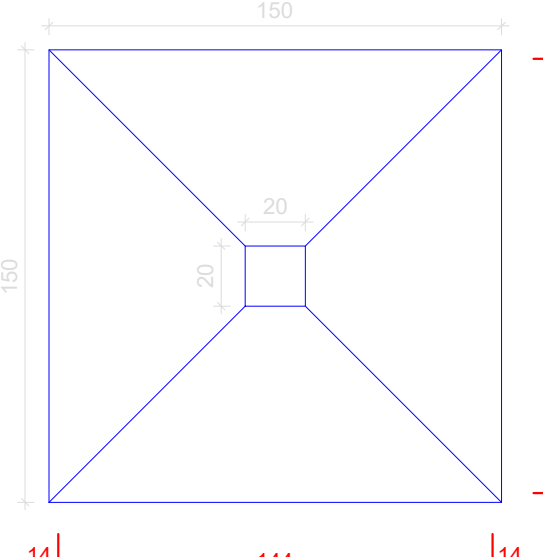
CORTE
ESC 1:25



P5=P11

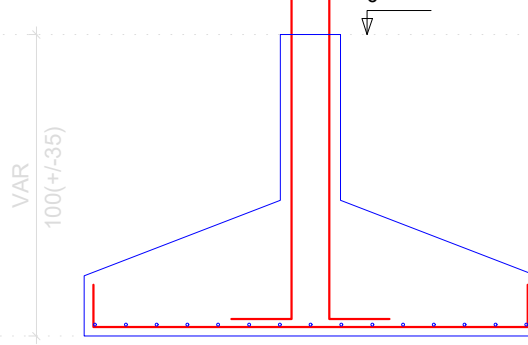


S5=S11
PLANTA
ESC 1:25

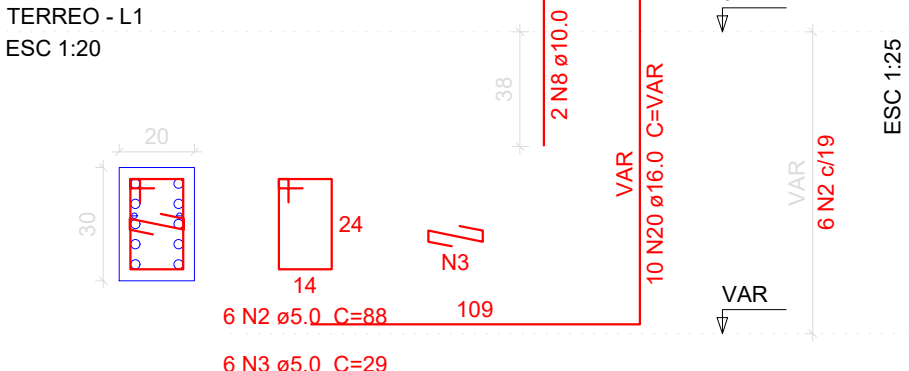


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

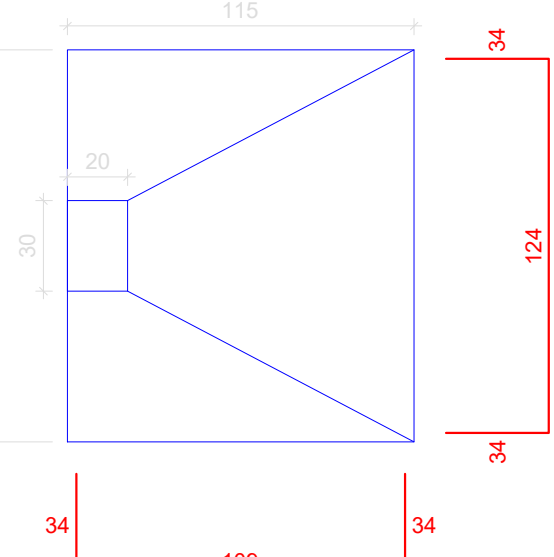
CORTE
ESC 1:25



P6

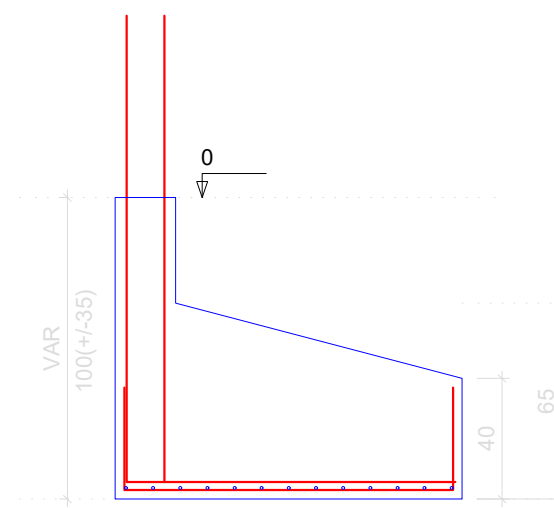


S6
PLANTA
ESC 1:25

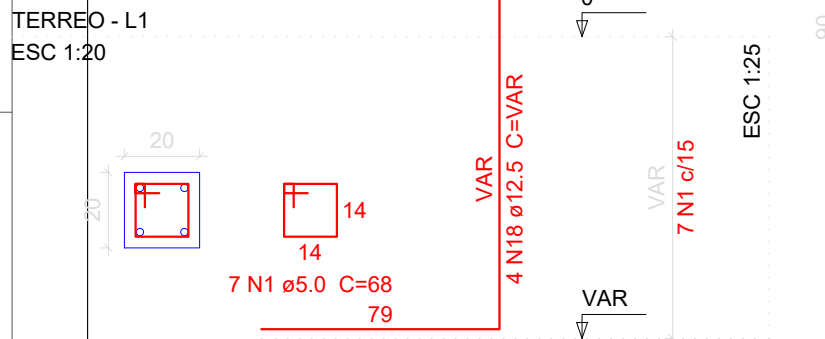


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

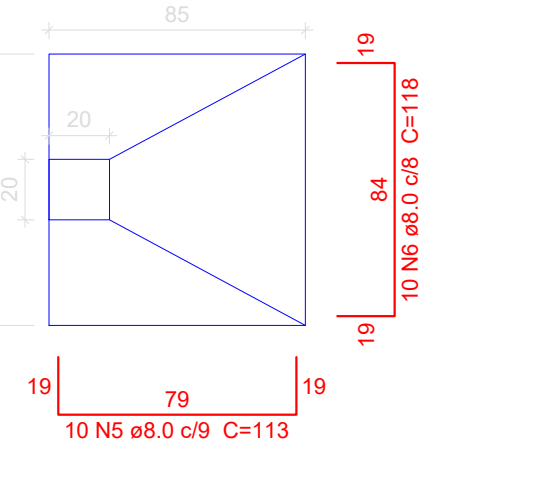
CORTE
ESC 1:25



P7

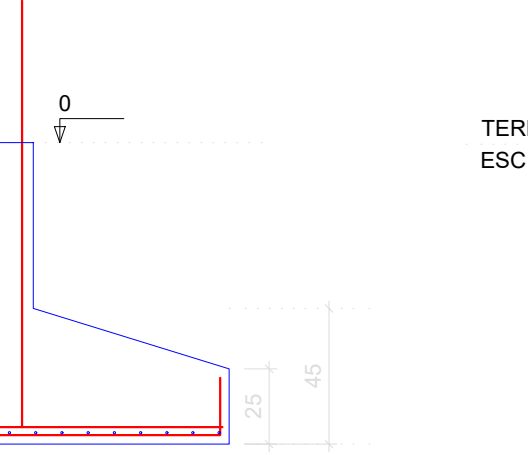


S7
PLANTA
ESC 1:25

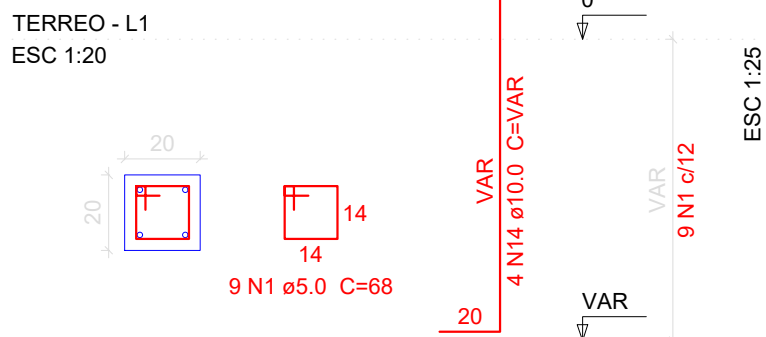


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

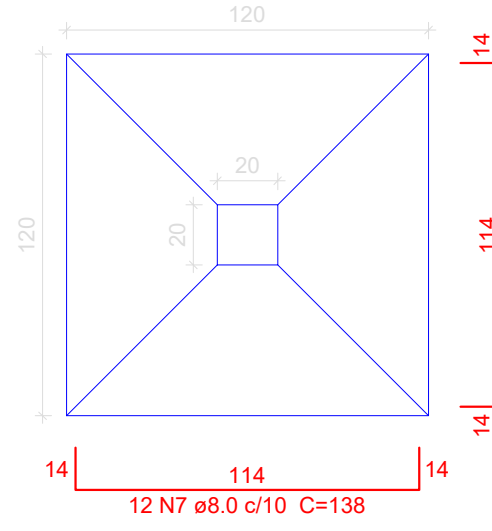
CORTE
ESC 1:25



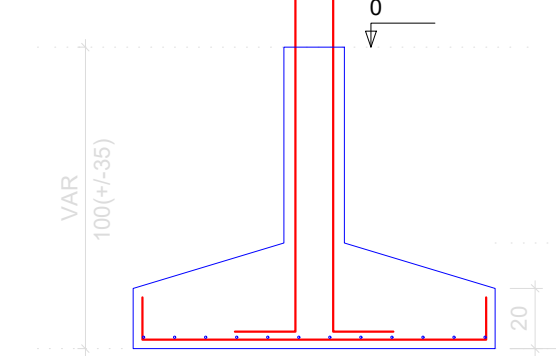
P8



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



Relação do aço

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	70	88	4760
	2	5.0	6	88	528
	3	5.0	6	29	174
CA50	4	6.3	78	124	9672
	5	8.0	10	113	1130
	6	8.0	10	118	1180
	7	8.0	24	138	3312
	8	10.0	6	75	450
	9	10.0	18	152	2736
	10	10.0	22	152	3344
	11	10.0	12	VAR	VAR
	12	10.0	60	167	10020
	13	10.0	13	187	2431
	14	10.0	4	VAR	VAR
	15	12.5	12	VAR	VAR
	16	12.5	8	94	752
	17	12.5	9	171	1539
	18	12.5	4	VAR	VAR
	19	16.0	8	121	968
	20	16.0	10	VAR	VAR
	21	20.0	4	VAR	VAR

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	96.8	26
	8.0	56.3	24.4
	10.0	209.9	142.3
	12.5	51.6	54.6
	16.0	36.2	62.6
	20.0	10.8	29.1
CA60	5.0	54.7	9.3
PESO TOTAL			
CA50		339.2	
CA60		9.3	

Vol. de concreto total (C-25) = 4.94 m³
Área de forma total = 20.23 m²

Título: Pilares Sapatas 1		Folha: 01
Objetivo:		
Localidade: Rua 24 de maio		
Proprietários: Município de Monte Belo do Sul		
Imóvel: EMEI Caminhos do Aprender		
Escala: Indicada	Data: Agosto/2021	Estado: RS
Município de Monte Belo do Sul		Eng Civil PAULO ROBERTO B PEREIRA CREA RS202395