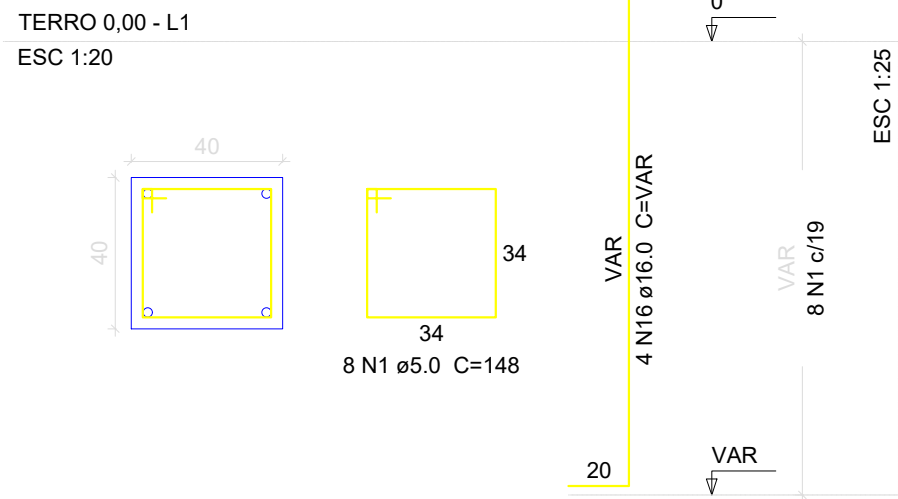
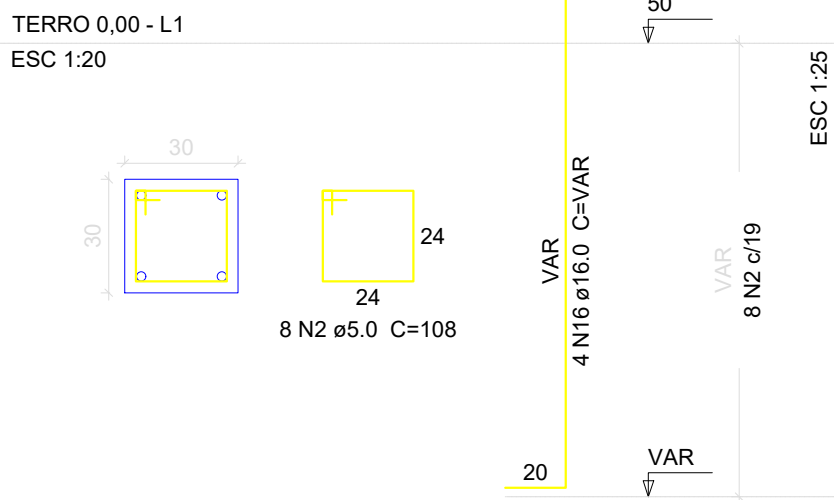


P1

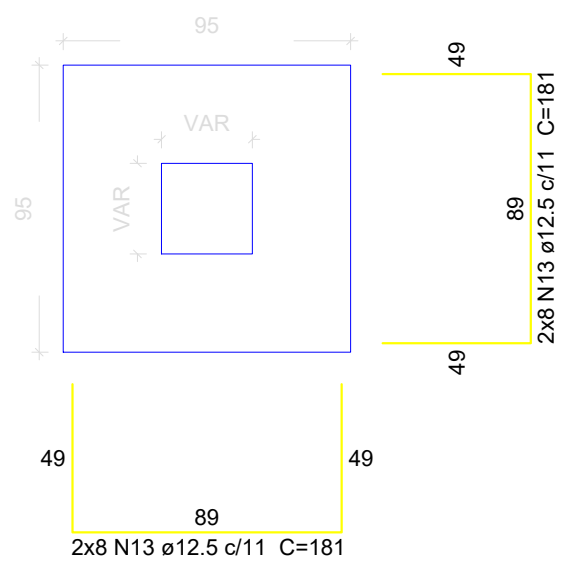


P102



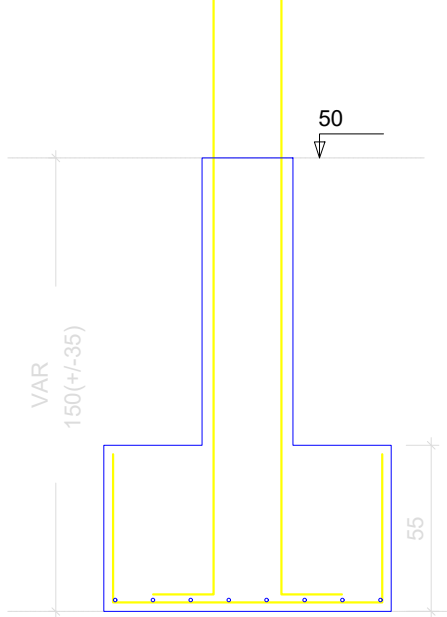
S1=S102

PLANTA
ESC 1:25

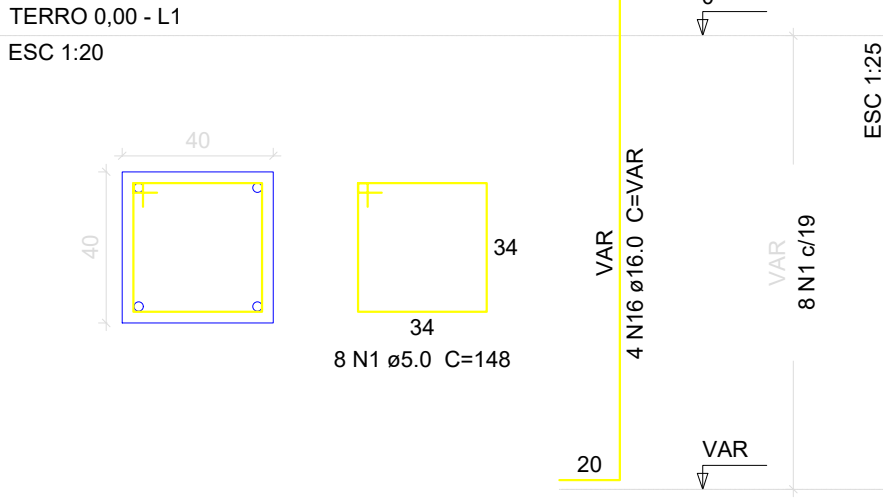


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

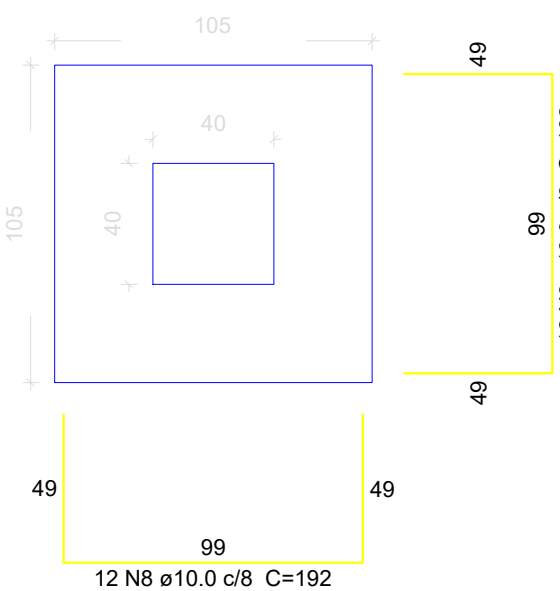


P2=P3=P4=P5=P7=P69



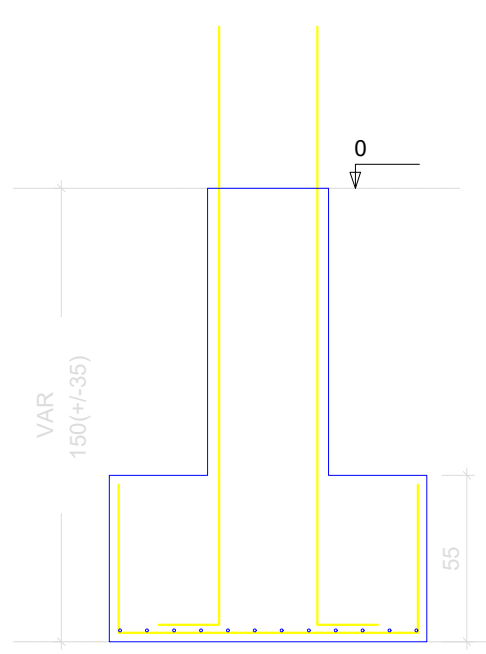
S2=S3=S4=S5=S7=S69

PLANTA
ESC 1:25

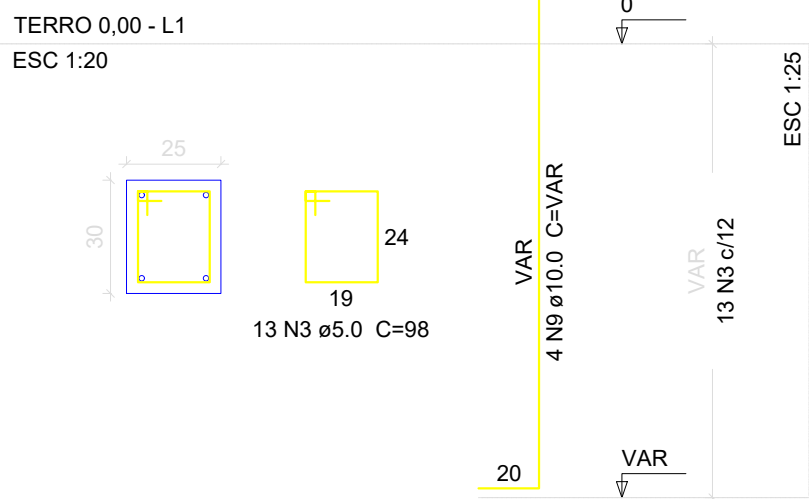


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

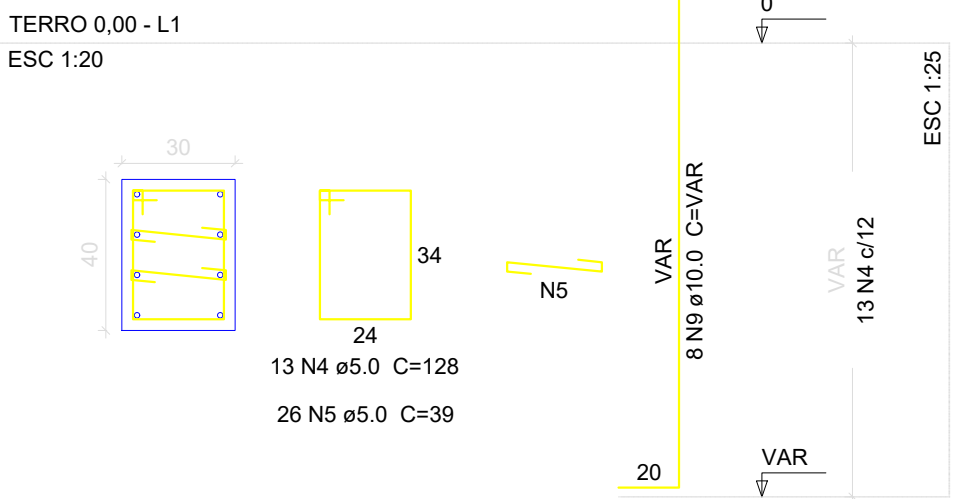
CORTE
ESC 1:25



P48

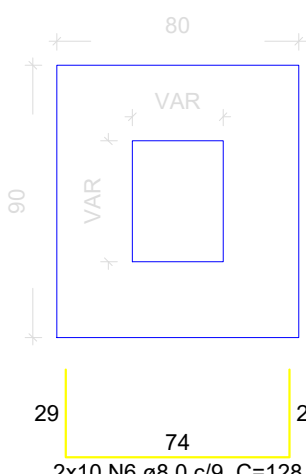


P6



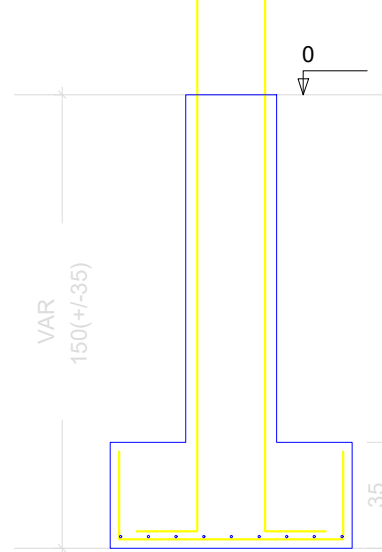
S6=S48

PLANTA
ESC 1:25

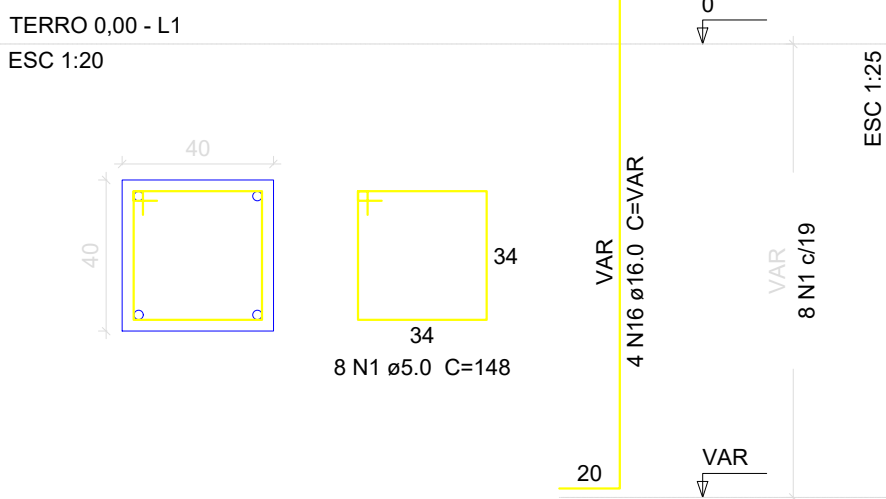


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

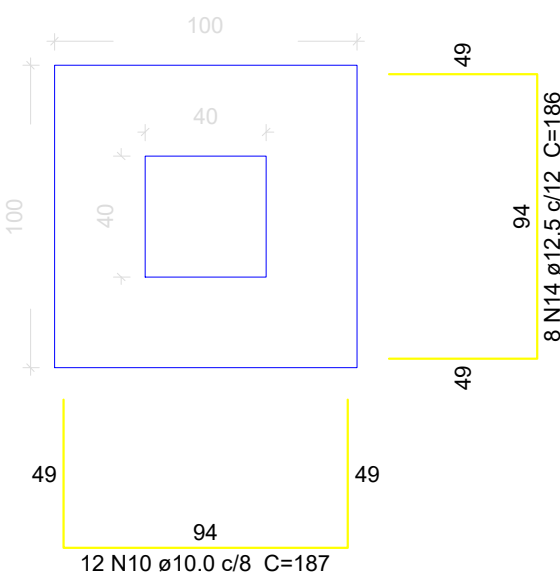


P8=P9=P10=P12=P15=P45



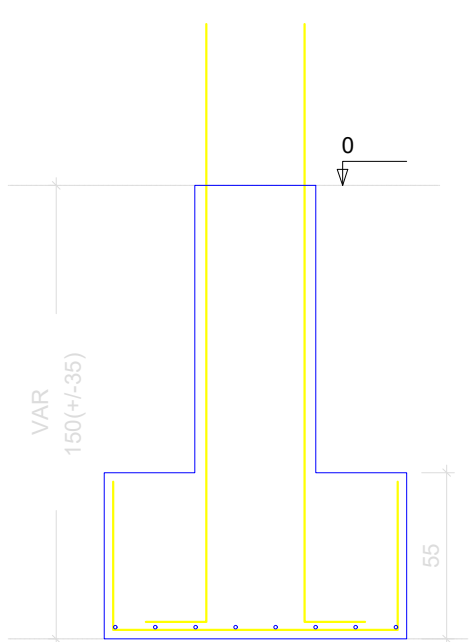
S8=S9=S10=S12=S15=S45

PLANTA
ESC 1:25

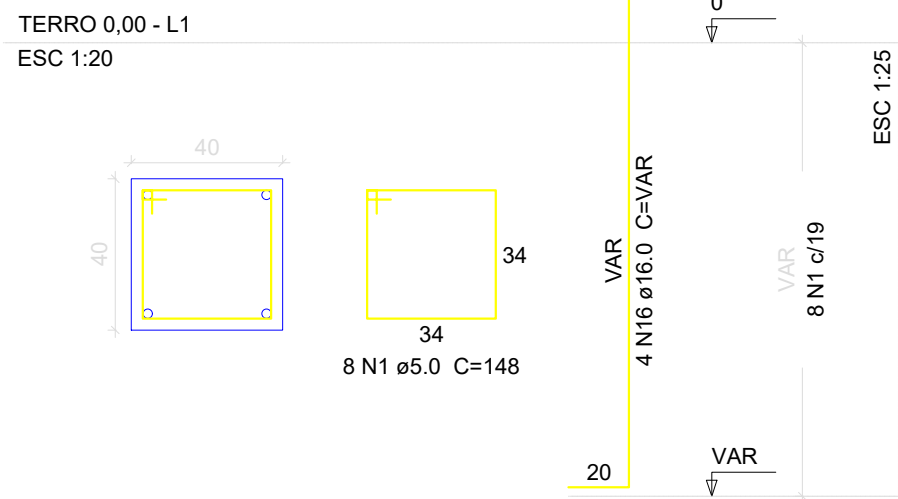


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

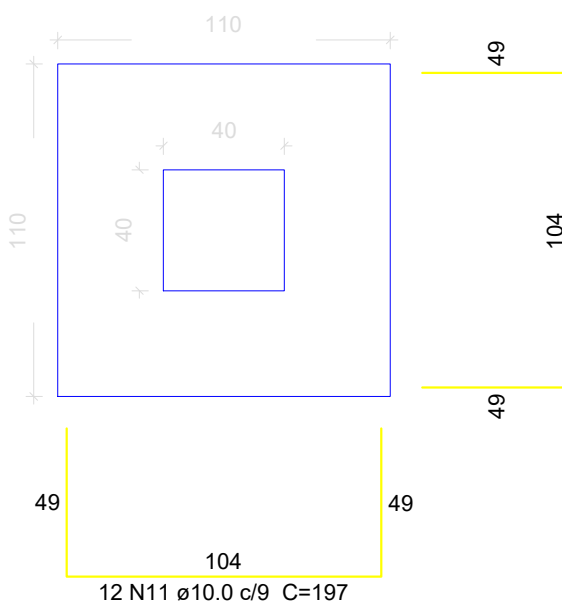


P13



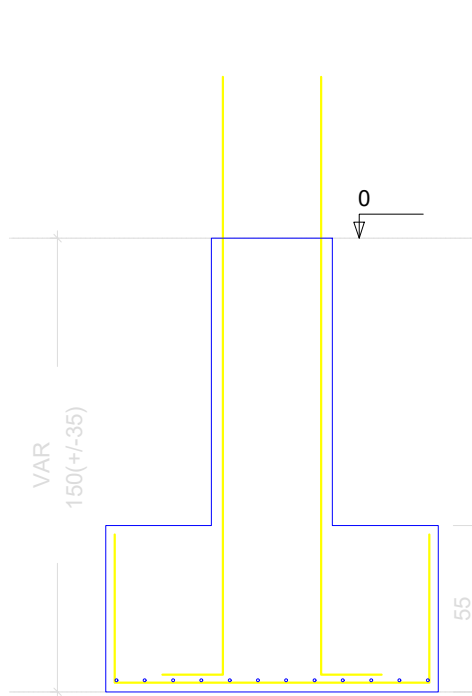
S13

PLANTA
ESC 1:25



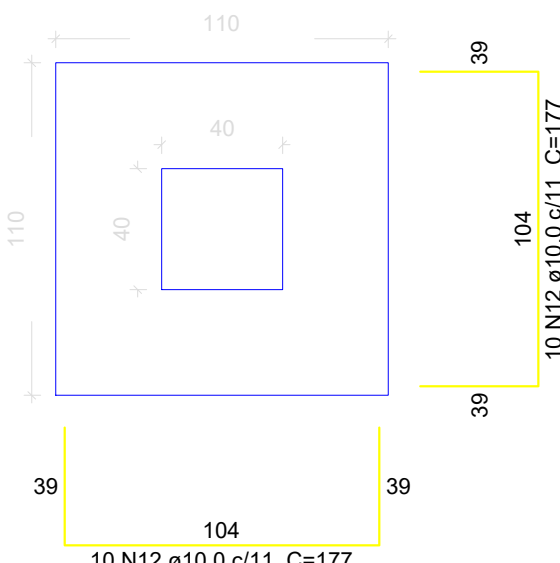
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



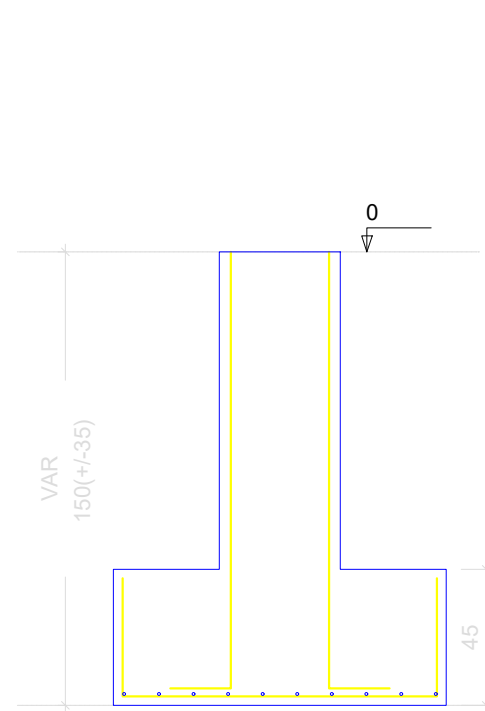
S14

PLANTA
ESC 1:25

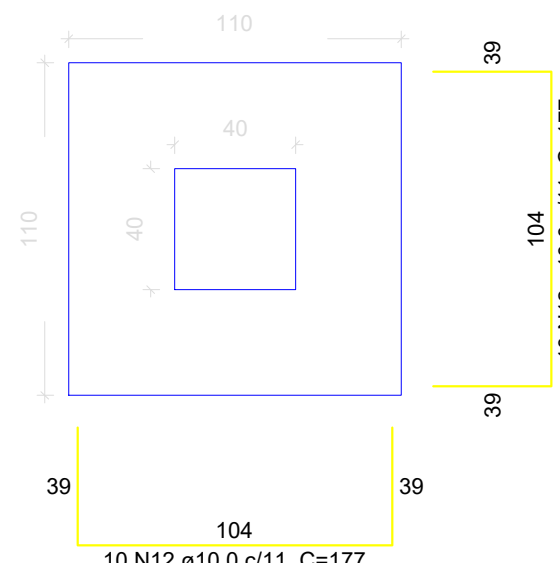
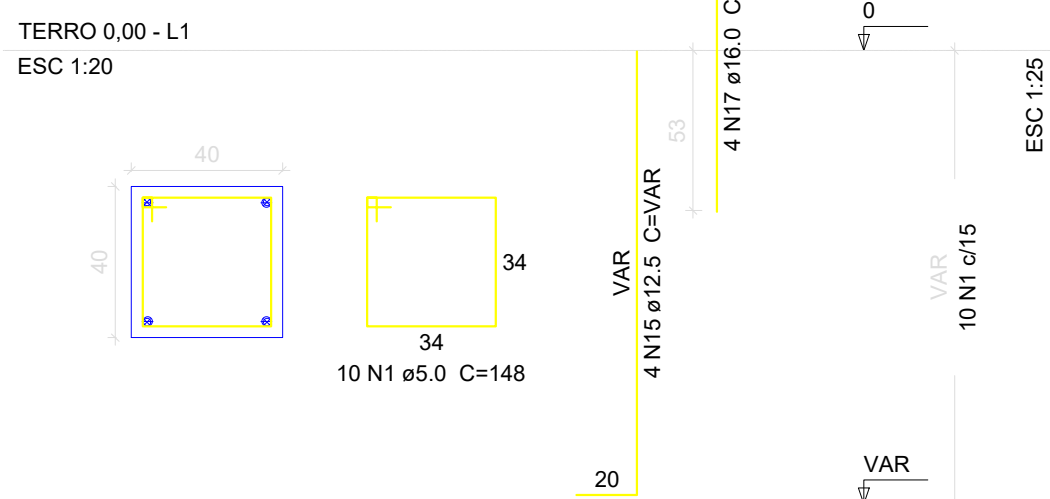


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

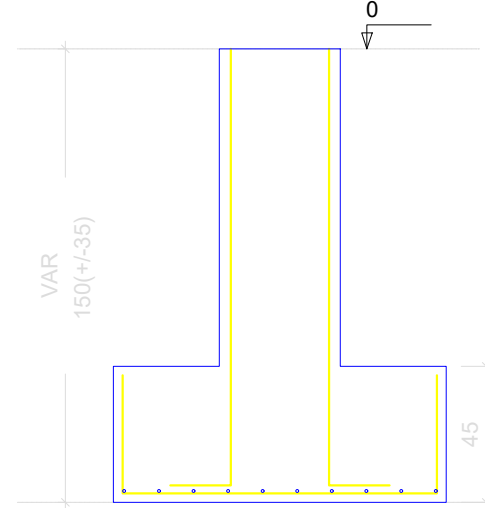
CORTE
ESC 1:25



P14



Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³




Relação do aço

6xS3 S13		S6 S14		6xS10 S102	
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	122	148	18056
	2	5.0	8	108	864
	3	5.0	13	98	1274
	4	5.0	13	128	1664
CA50	5	5.0	26	39	1014
	6	8.0	20	128	2560
	7	8.0	18	138	2484
	8	10.0	144	192	27648
	9	10.0	12	VAR	VAR
	10	10.0	72	187	13464
	11	10.0	24	197	4728
	12	10.0	20	177	3540
	13	12.5	32	181	5792
	14	12.5	48	186	8928
	15	12.5	4	VAR	VAR
	16	16.0	60	VAR	VAR
17	16.0	4	107	428	

Resumo do aço

AÇO	DIAM	C.TOTAL	PESO + 10 %
CA50	8.0	50.5	21.9
	10.0	518	351.2
	12.5	153.8	162.9
	16.0	135.7	235.6
CA60	5.0	228.8	38.8
PESO TOTAL			
CA50	771.6		
CA60	38.8		

Voi. de concreto total (C-30) = 13.67 m³
Área de forma total = 79.57 m²



ARQUITETURA E ENGENHARIA
> PROJETOS INDUSTRIAIS / COMERCIAIS / RESIDENCIAIS E PÚBLICAS
> ASSESSORIA / CONSULTORIA
> GESTÃO DE OBRAS
> PERÍCIAS
> EXECUÇÃO DE OBRAS

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Eng. Civil - CREA 13.4548-3

CLIENTE:
Prefeitura Municipal de Rio Rufino

OBRA:
**PROJETO ESTRUTURAL
ESCOLA MUNICIPAL DE RIO RUFINO**

PLANTA DE FUNDAÇÃO

DESENHO:

ESCALA:

DATA:
OUT/2022