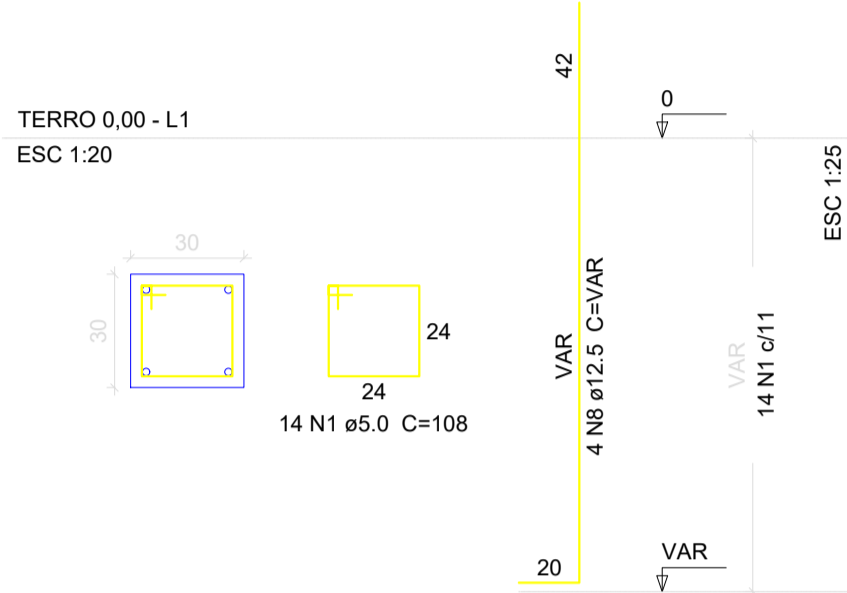
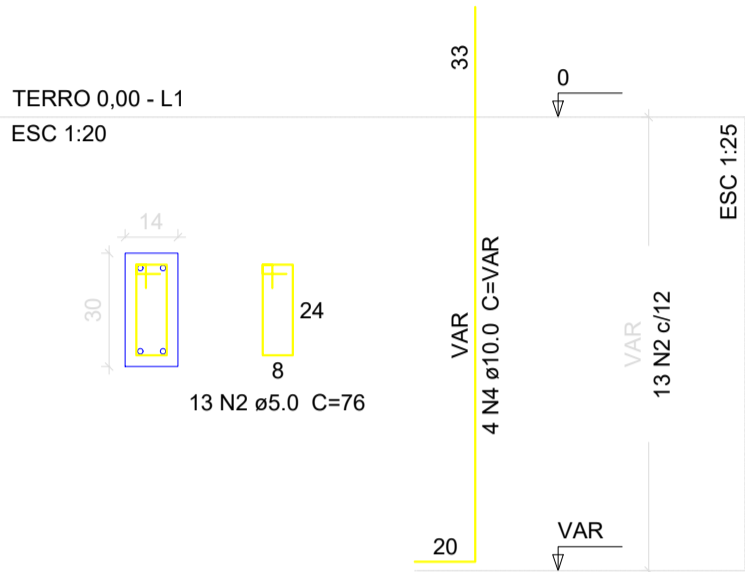


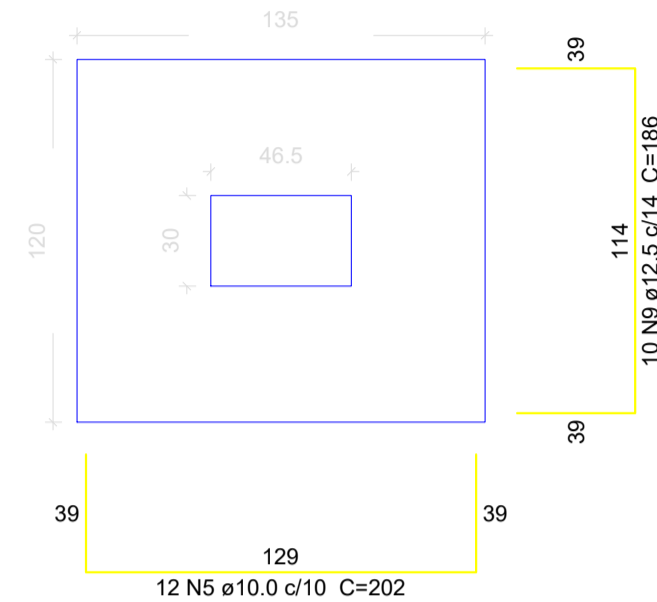
P122



P123

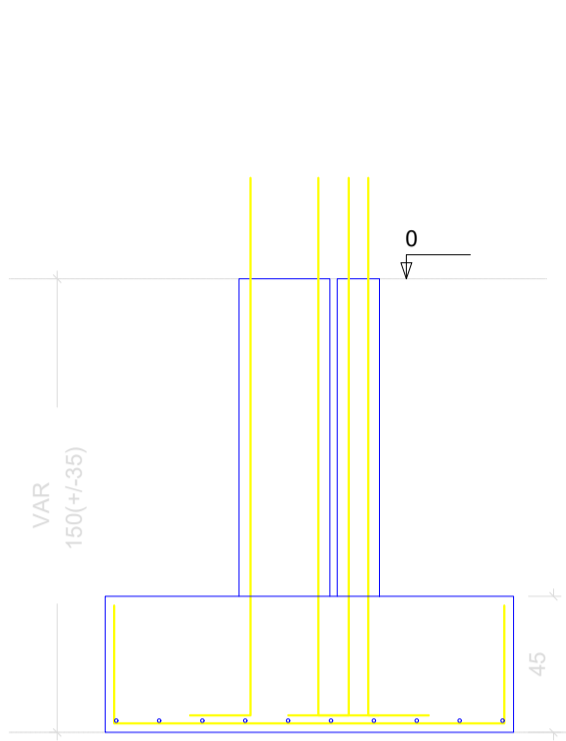


S123-122
PLANTA
ESC 1:25



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

CORTE
ESC 1:25



Relação do aço

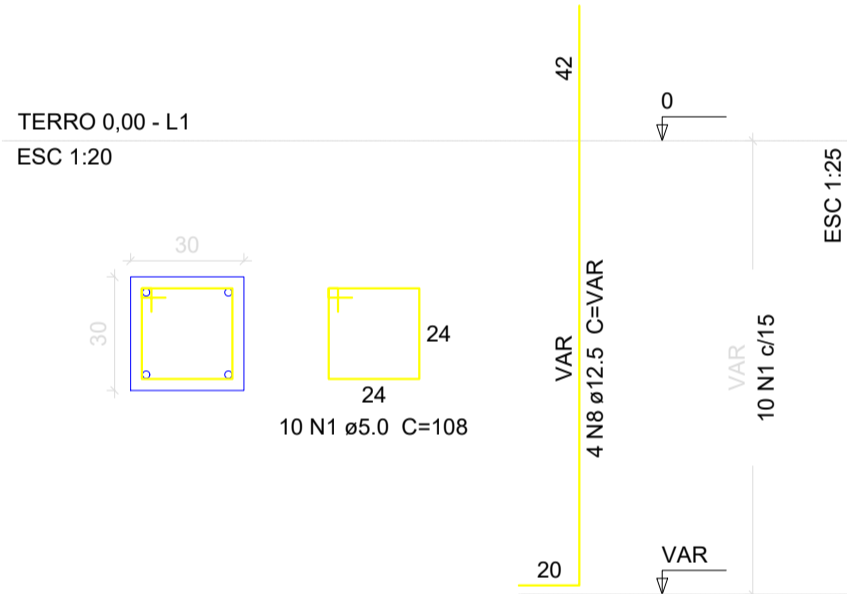
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	24	108	2592
CA60	2	5.0	52	76	3952
CA50	3	8.0	16	118	1968
CA50	4	10.0	16	VAR	VAR
CA50	5	10.0	12	202	2424
CA50	6	10.0	10	197	1970
CA50	7	10.0	14	177	2478
CA50	8	12.5	8	VAR	VAR
CA50	9	12.5	10	186	1860

Resumo do aço

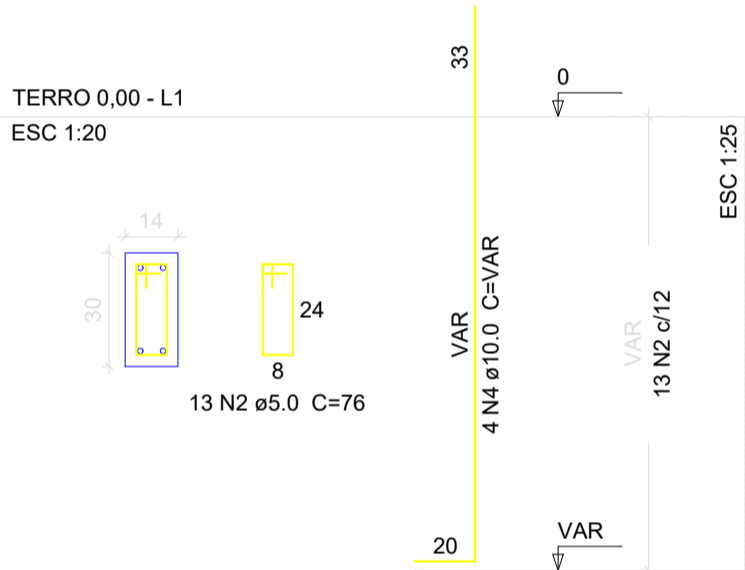
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	18.9	8.2
CA50	10.0	100.9	68.4
CA60	5.0	65.5	11.1
PESO TOTAL			
CA50	114		
CA60	11.1		

Vol. de concreto total (C-30) = 2.07 m³
Área de forma total = 14.32 m²

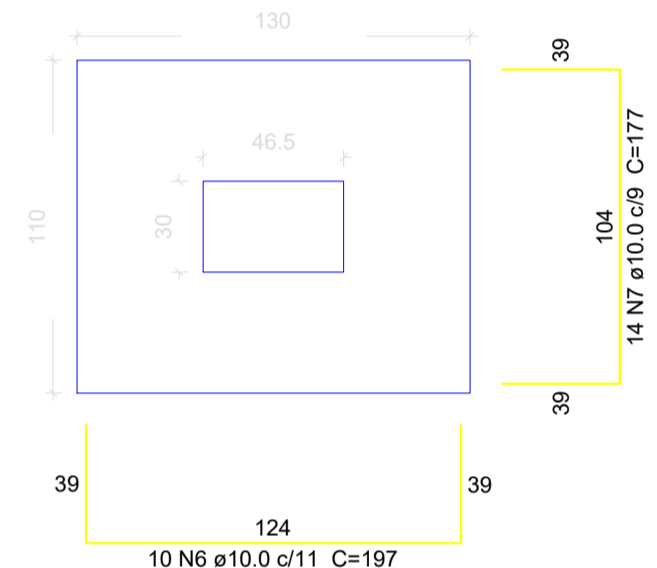
P140



P141

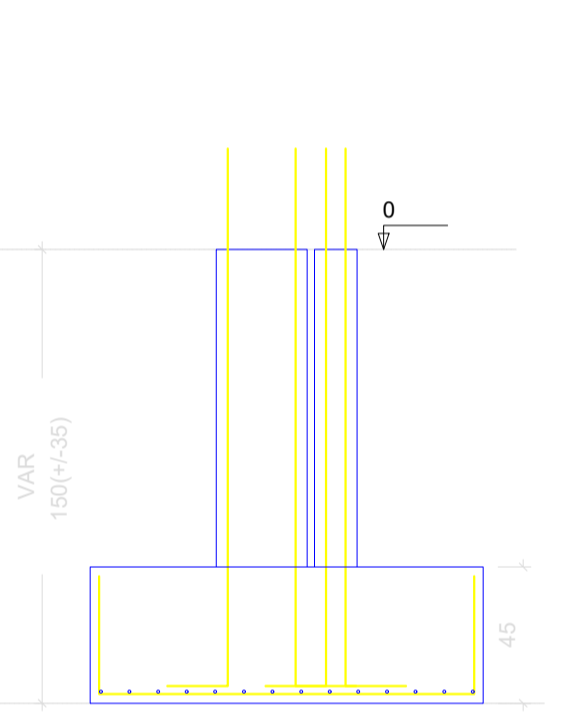


S141-140
PLANTA
ESC 1:25

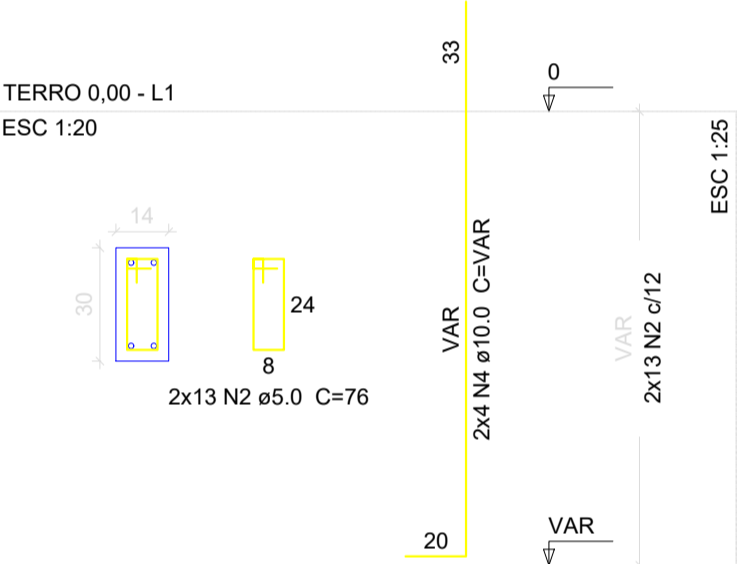


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

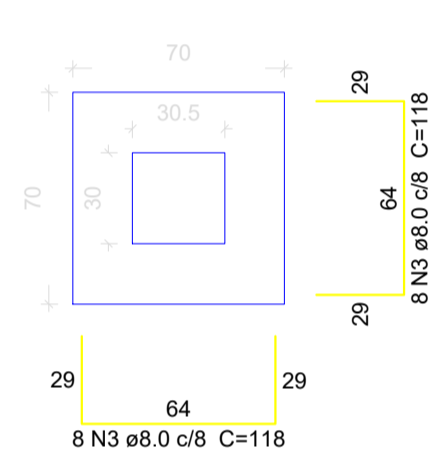
CORTE
ESC 1:25



P150=P151

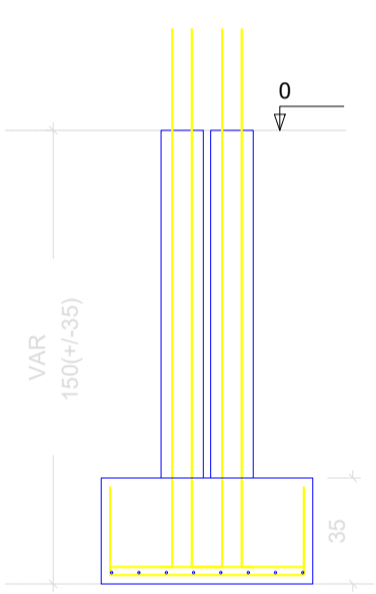


S150-151
PLANTA
ESC 1:25



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

CORTE
ESC 1:25



ARQUITETURA E ENGENHARIA

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

AV. BRASIL, 1225 - SALA 03
UNIVERSITÁRIO
CSP 04609-017 - LACERDOTE
TEL: (49) 39903 2944
CNPJ 20.270.410/0001-49

50

RESP. TÉCN.:

James André Clauberg
Eng. Civil - CREA 45.160-6

RESP. TÉCN.:

Indiamara de Oliveira Ribeiro
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