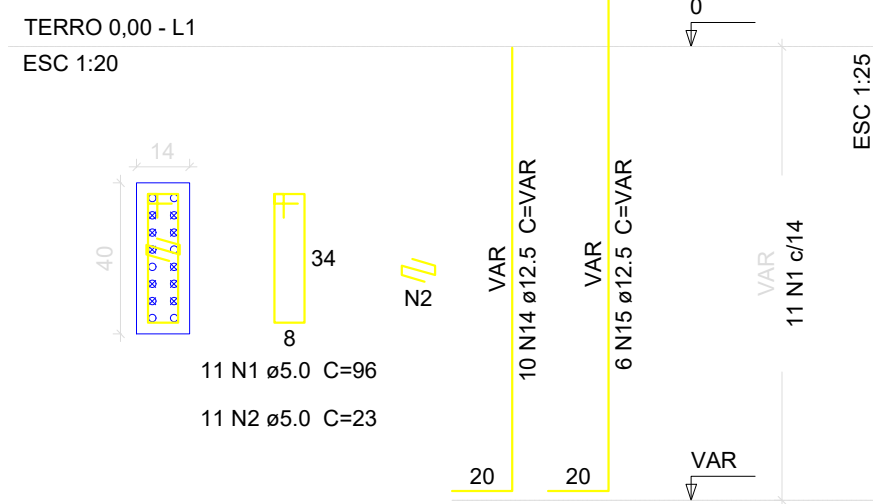
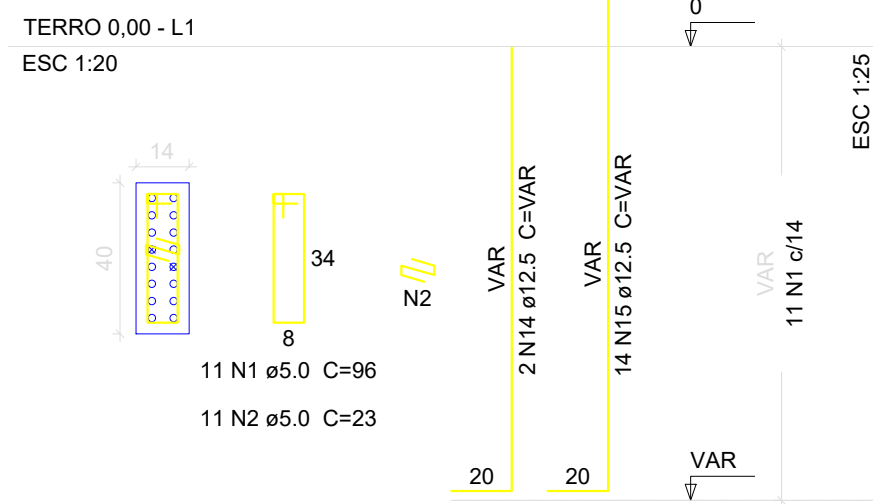


P118

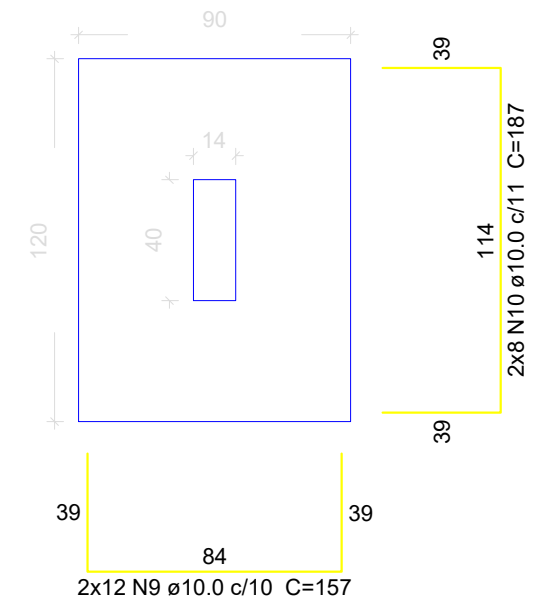


P40



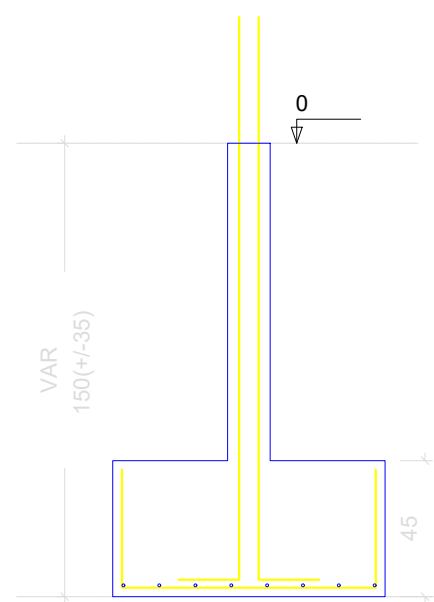
S40=S118

PLANTA
ESC 1:25



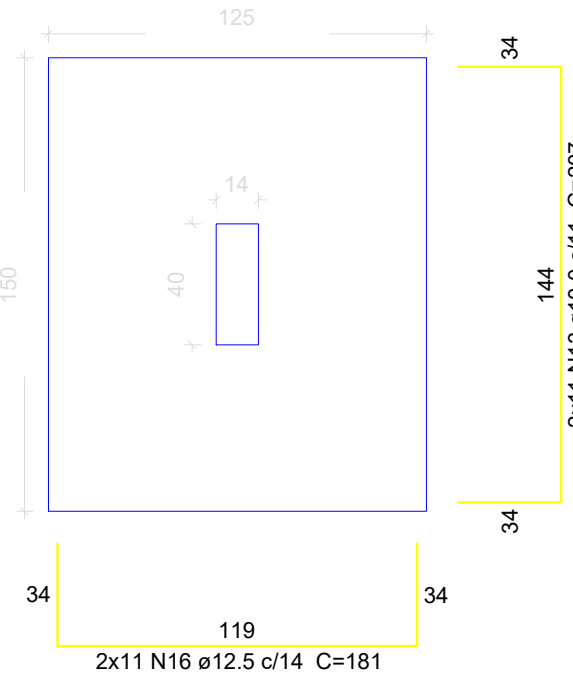
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgfm³

CORTE
ESC 1:25



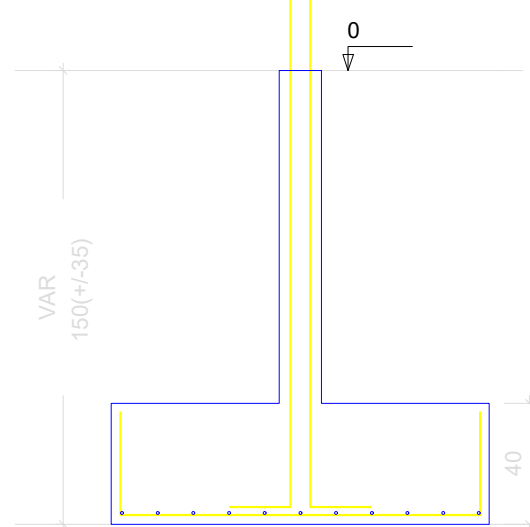
S42=S63

PLANTA
ESC 1:25

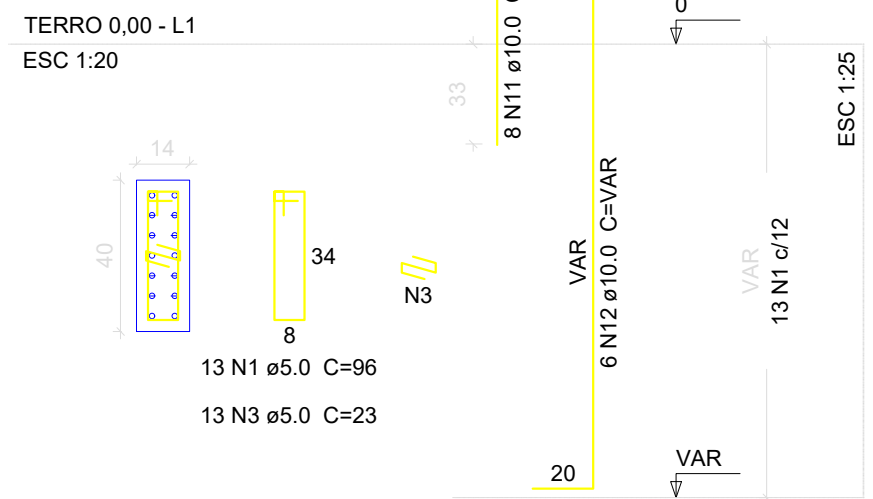


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgfm³

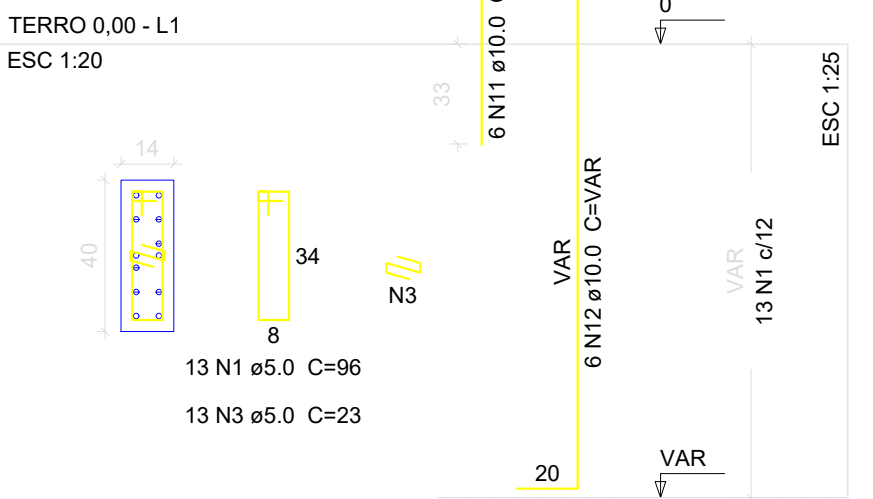
CORTE
ESC 1:25



P42

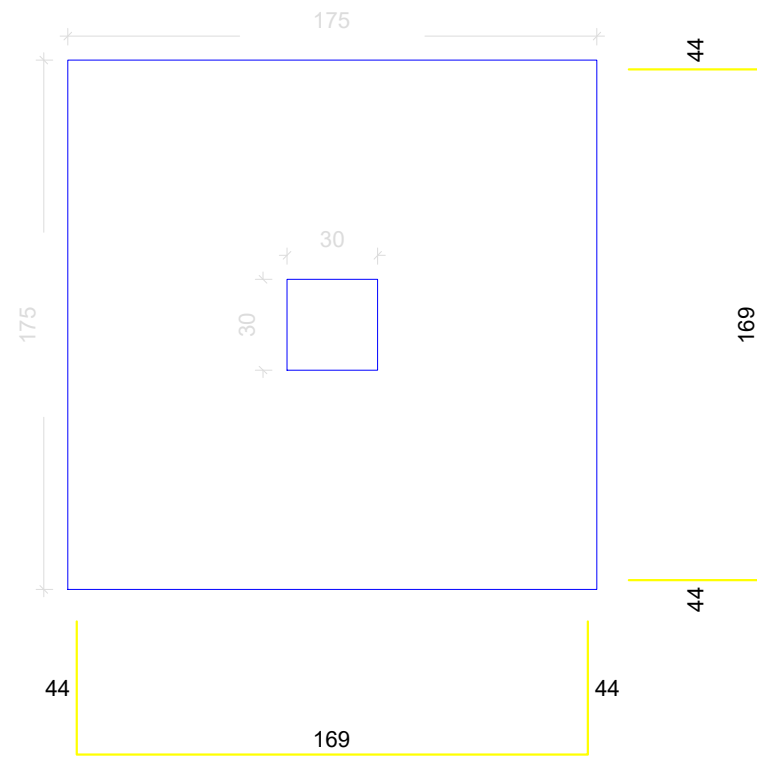


P63

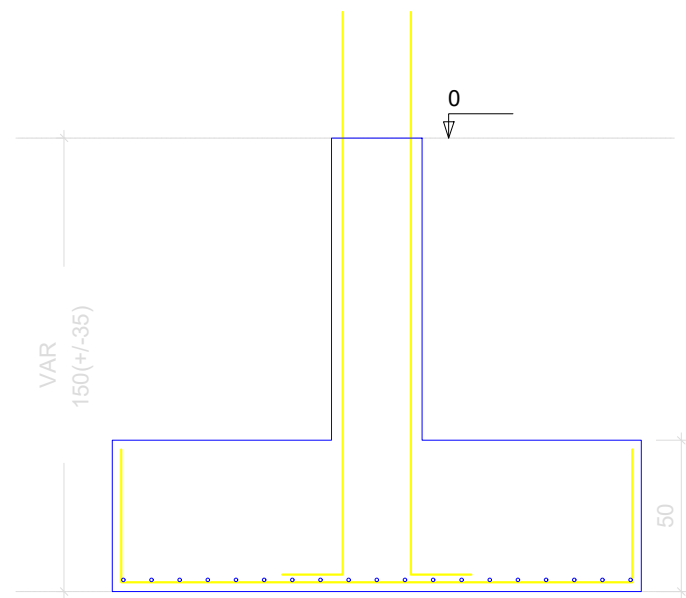


S43

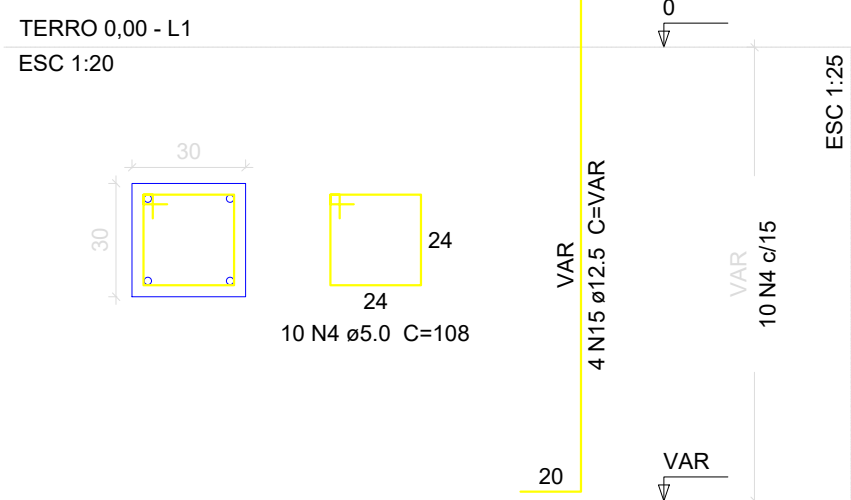
PLANTA
ESC 1:25



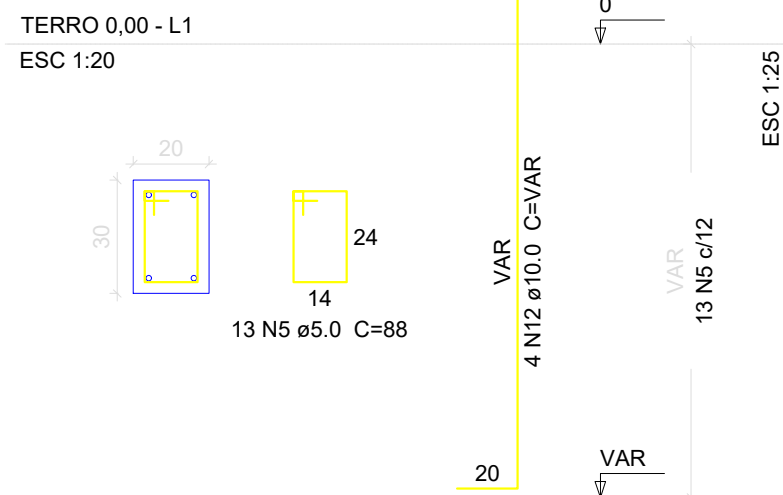
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgfm³



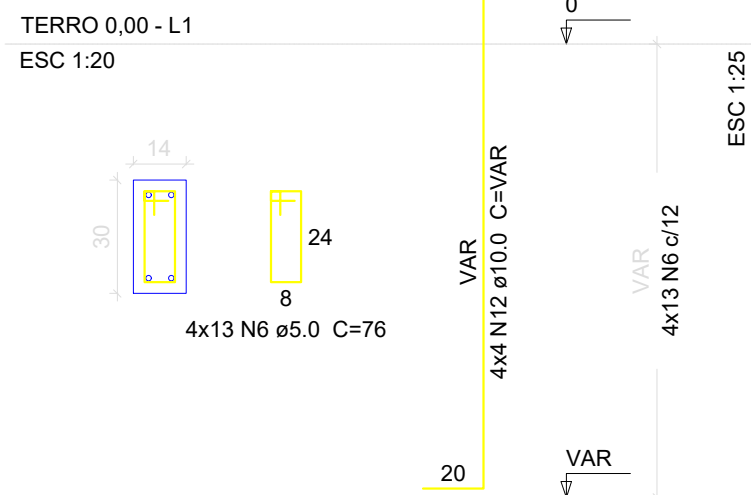
P43



P44

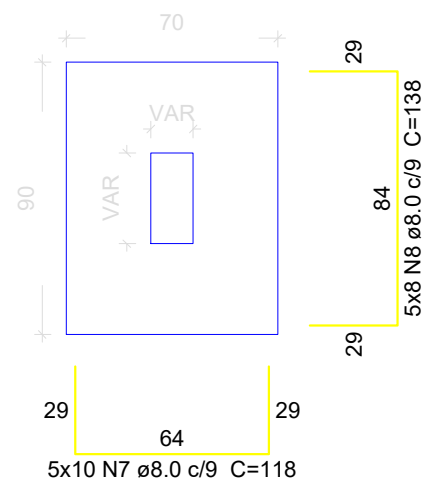


P54=P58=P93=P104



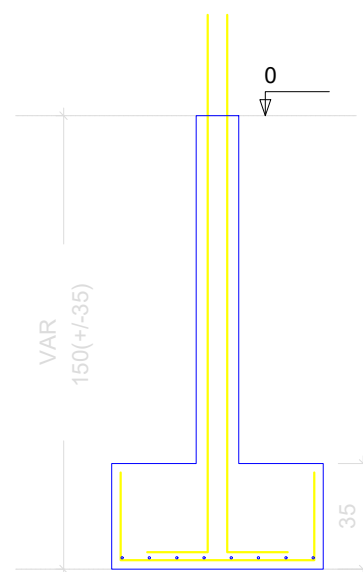
S44=S54=S58=S93=S104

PLANTA
ESC 1:25



Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgfm³

CORTE
ESC 1:25



Relação do aço

| AÇO | N | DIAM | Q | UNIT (cm) | C.TOTAL (cm) |
|------|----|------|----|--------------|-----------------|
| | | | | | |
| CA60 | 1 | 5.0 | 48 | 96 | 4608 |
| | 2 | 5.0 | 22 | 23 | 506 |
| | 3 | 5.0 | 26 | 23 | 598 |
| | 4 | 5.0 | 10 | 108 | 1080 |
| | 5 | 5.0 | 13 | 88 | 1144 |
| CA50 | 6 | 5.0 | 52 | 76 | 3952 |
| | 7 | 8.0 | 50 | 118 | 5900 |
| | 8 | 8.0 | 40 | 138 | 5520 |
| | 9 | 10.0 | 24 | 157 | 3768 |
| | 10 | 10.0 | 16 | 187 | 2992 |
| | 11 | 10.0 | 14 | 67 | 938 |
| | 12 | 10.0 | 32 | VAR | VAR |
| | 13 | 10.0 | 22 | 207 | 4554 |
| | 14 | 12.5 | 12 | VAR | VAR |
| | 15 | 12.5 | 24 | VAR | VAR |
| | 16 | 12.5 | 22 | 181 | 3982 |
| | 17 | 12.5 | 38 | 251 | 9538 |

Resumo do aço

| AÇO | DIAM | C.TOTAL (m) | PESO + 10 % (kg) |
|------------|------|----------------|---------------------|
| CA50 | 8.0 | 114.2 | 49.6 |
| | 10.0 | 186.9 | 126.7 |
| | 12.5 | 205.1 | 217.3 |
| CA60 | 5.0 | 118.9 | 20.2 |
| PESO TOTAL | | | |
| CA50 | | 393.6 | |
| CA60 | | 20.2 | |

Vol. de concreto total (C-30) = 5.92 m³
Área de forma total = 32.34 m²



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) 99903 2944
CNPJ 23.270.410/0001-49

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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

TAMANHO DE FOLHA A1