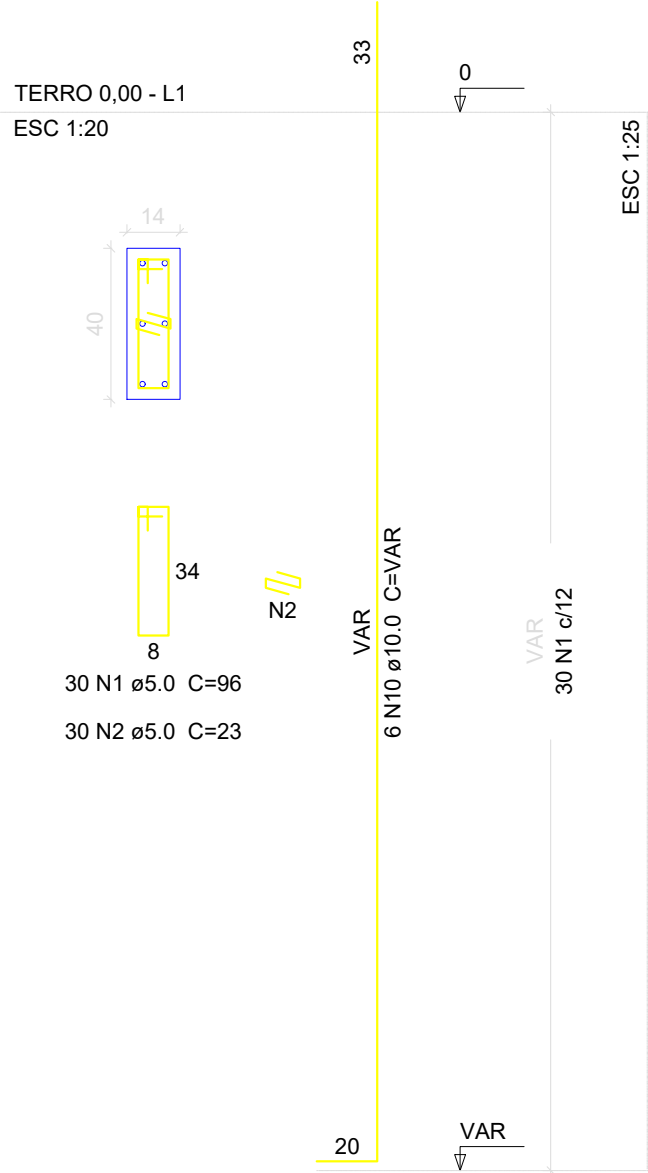
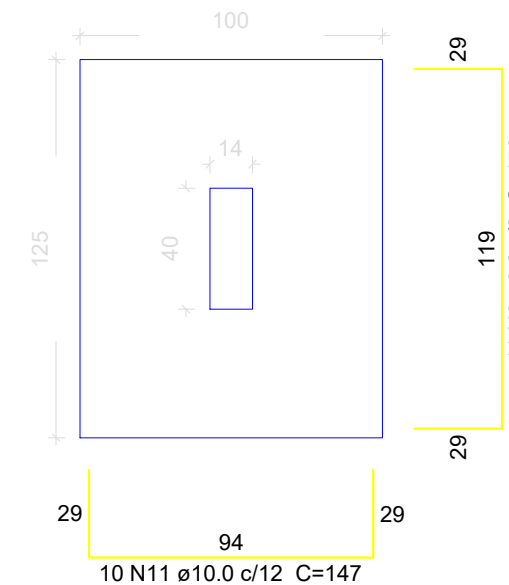


P148



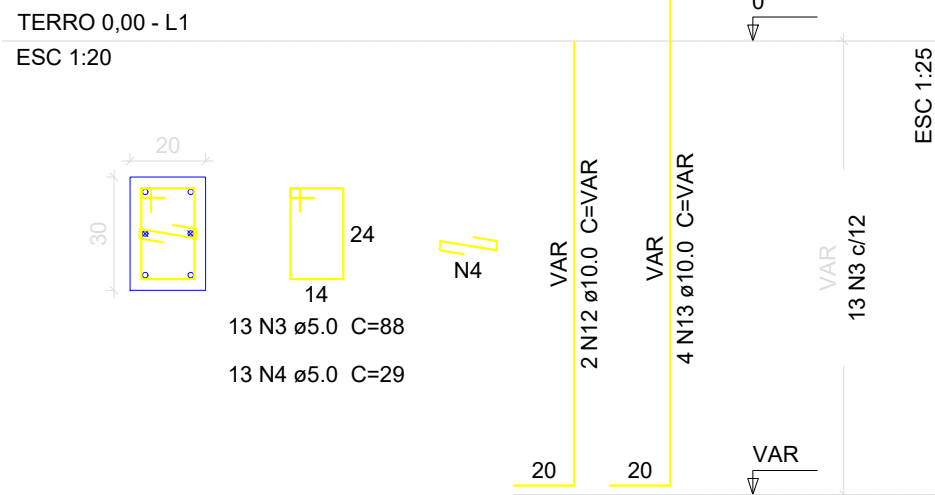
S148  
PLANTA  
ESC 1:25

CORTE  
ESC 1:25



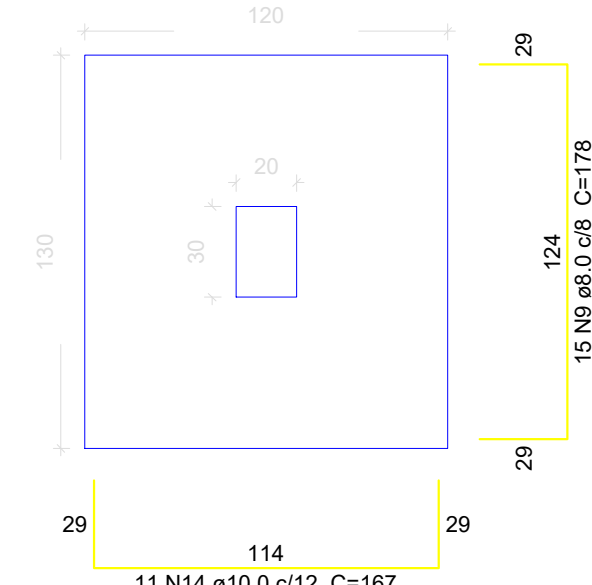
Solo com capacidade de suporte > 2.00 kgf/cm²  
Solo compactado sobre a sapata  
peso específico > 1600.00 kgf/m³

P149

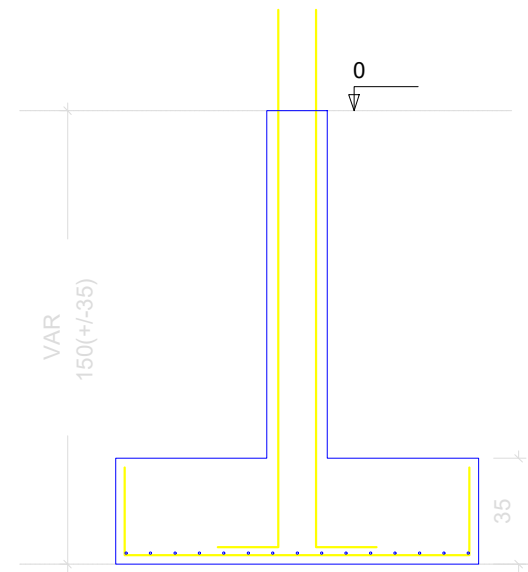


S149  
PLANTA  
ESC 1:25

CORTE  
ESC 1:25



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



#### Relação do aço

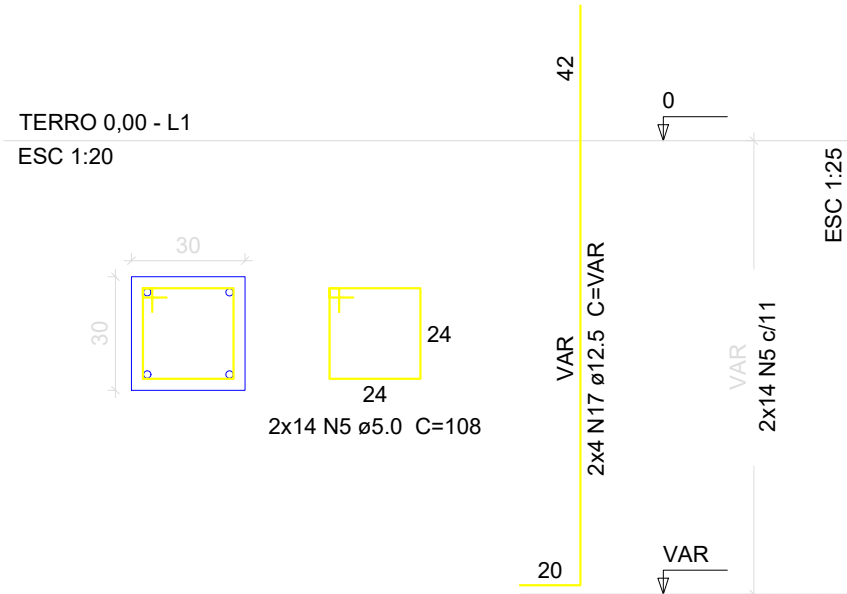
| AÇO  | N  | DIAM | Q  | UNIT<br>(cm) | C.TOTAL<br>(cm) |
|------|----|------|----|--------------|-----------------|
| CA60 | 1  | 5.0  | 30 | 96           | 2880            |
|      | 2  | 5.0  | 30 | 23           | 690             |
|      | 3  | 5.0  | 13 | 88           | 1144            |
|      | 4  | 5.0  | 13 | 29           | 377             |
|      | 5  | 5.0  | 28 | 108          | 3024            |
|      | 6  | 5.0  | 26 | 98           | 2548            |
|      | 7  | 5.0  | 13 | 34           | 442             |
| CA50 | 8  | 8.0  | 11 | 173          | 1903            |
|      | 9  | 8.0  | 15 | 178          | 2670            |
|      | 10 | 10.0 | 6  | VAR          | VAR             |
|      | 11 | 10.0 | 10 | 147          | 1470            |
|      | 12 | 10.0 | 4  | VAR          | VAR             |
|      | 13 | 10.0 | 12 | VAR          | VAR             |
|      | 14 | 10.0 | 11 | 167          | 1837            |
|      | 15 | 10.0 | 10 | 162          | 1620            |
|      | 16 | 10.0 | 9  | 177          | 1593            |
|      | 17 | 12.5 | 8  | VAR          | VAR             |
|      | 18 | 12.5 | 10 | 171          | 1710            |
|      | 19 | 12.5 | 8  | 201          | 1608            |

#### Resumo do aço

| AÇO        | DIAM  | C.TOTAL<br>(m) | PESO + 10 %<br>(kg) |
|------------|-------|----------------|---------------------|
| CA50       | 8.0   | 45.8           | 19.8                |
|            | 10.0  | 120            | 81.4                |
|            | 12.5  | 49.9           | 52.9                |
| CA60       | 5.0   | 111.1          | 18.8                |
| PESO TOTAL |       |                |                     |
| CA50       | 154.1 |                |                     |
| CA60       | 18.8  |                |                     |

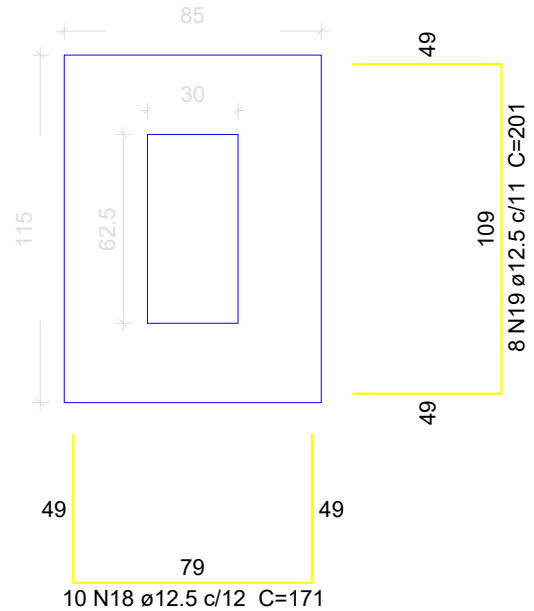
Vol. de concreto total (C-30) = 2.77 m³  
Área de forma total = 19.55 m²

P26=P27

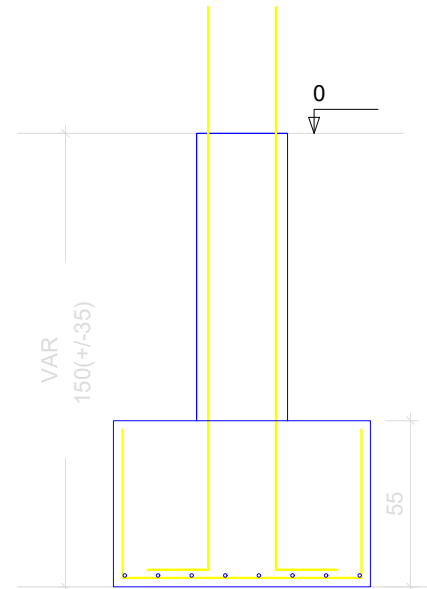


S26-27  
PLANTA  
ESC 1:25

CORTE  
ESC 1:25



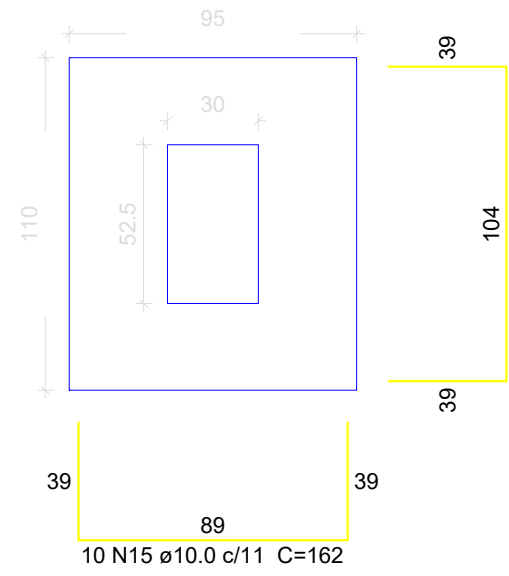
Solo com capacidade de suporte > 2.00 kgf/cm²  
Solo compactado sobre a sapata  
peso específico > 1600.00 kgf/m³



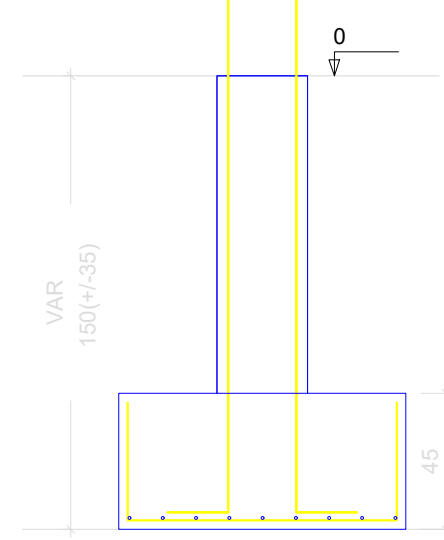
S28-29

PLANTA  
ESC 1:25

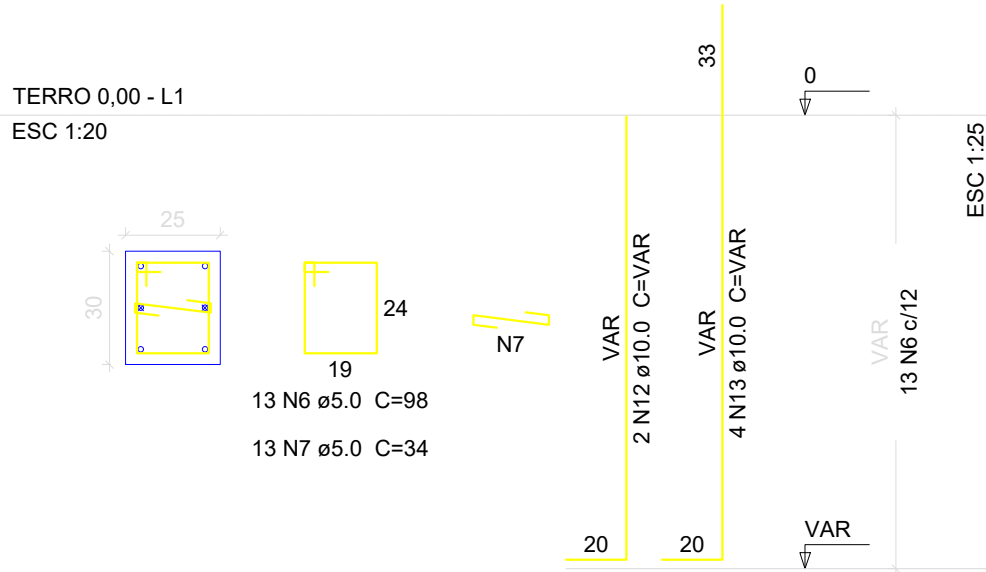
CORTE  
ESC 1:25



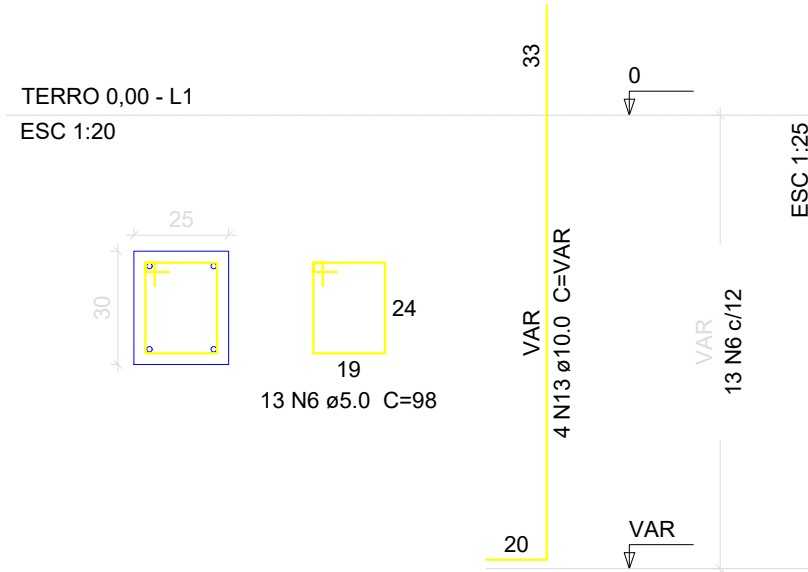
Solo com capacidade de suporte > 2.00 kgf/cm²  
Solo compactado sobre a sapata  
peso específico > 1600.00 kgf/m³



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#### ARQUITETURA E ENGENHARIA

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

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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