

$$T1=T2=T3=T4=T5=T6=T7=T8=T9=T10=T11=T12$$

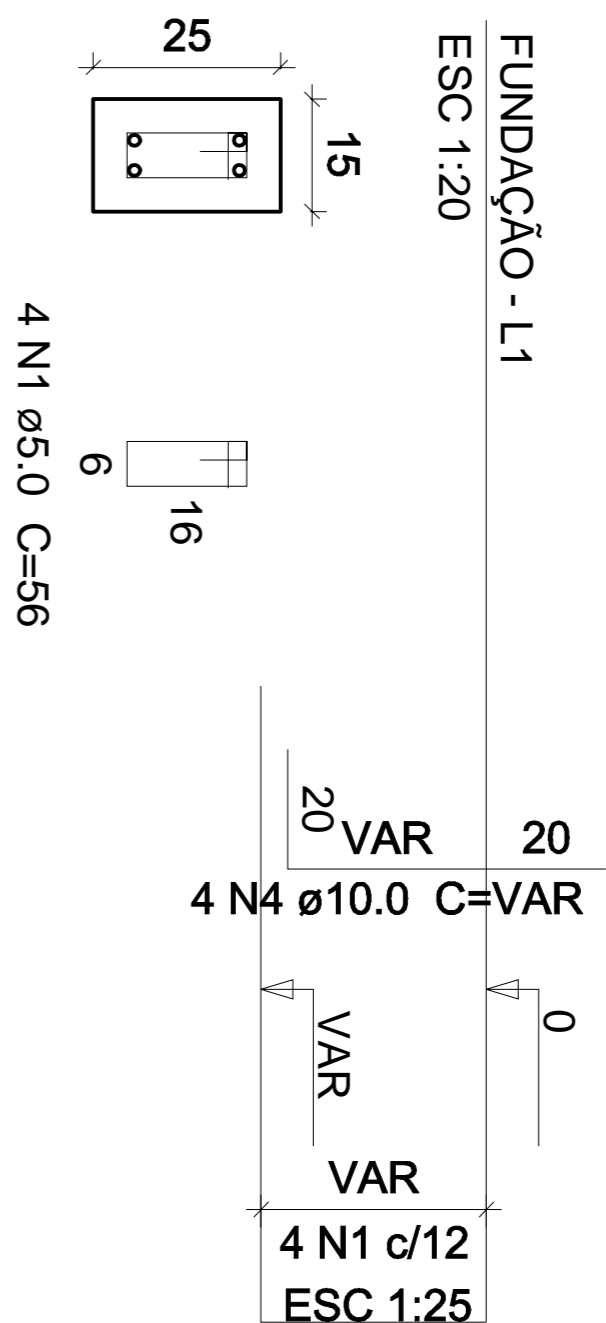
CORTE

ESC 1:50

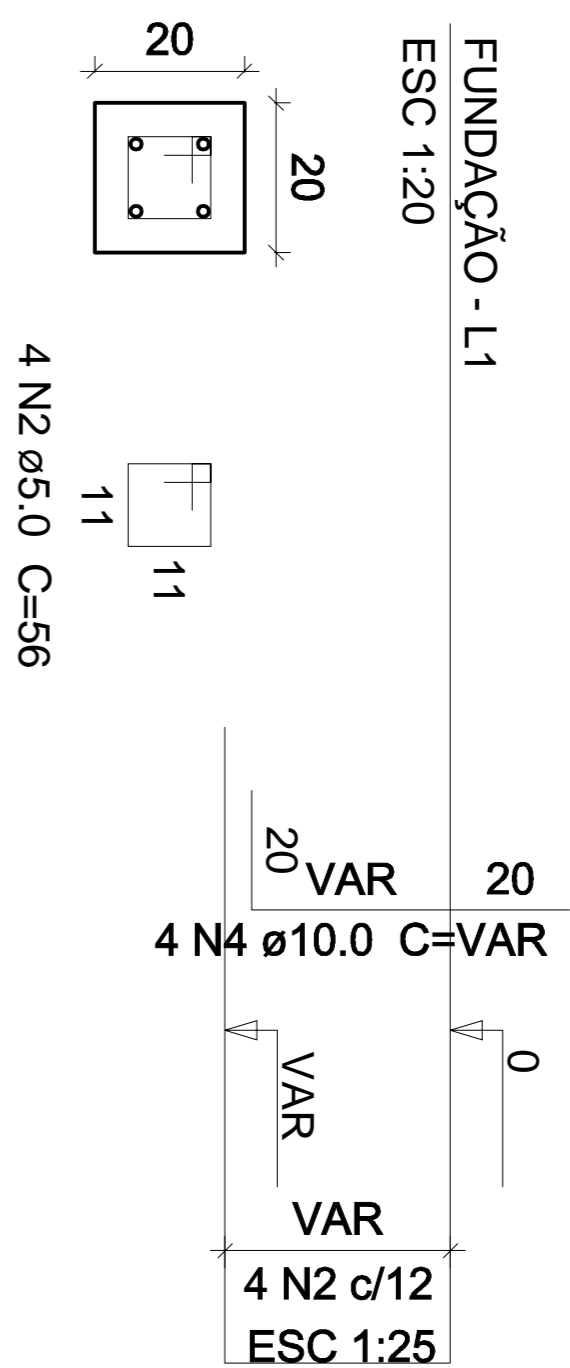
## SEÇÃO

ESC 1:20

$P_1 = P_6 = P_7$



4 N1 Ø5.0 C=56



4 N2 ø5.0 C=56

## Relação do aço

|        |      |     |
|--------|------|-----|
| 3xP1   | 8xP2 | P12 |
| 11xT11 | T12  |     |

| AÇO  | N | DIAM<br>(mm) | QUANT | C.UNIT<br>(cm) | C.TOTAL<br>(cm) |
|------|---|--------------|-------|----------------|-----------------|
| CA50 | 1 | 5.0          | 16    | 56             | 896             |
|      | 2 | 5.0          | 32    | 56             | 1792            |
|      | 3 | 5.0          | 108   | 169            | 18252           |
|      | 4 | 10.0         | 48    | VAR            | VAR             |
|      | 5 | 10.0         | 180   | 100            | 18000           |

## Resumo do aço

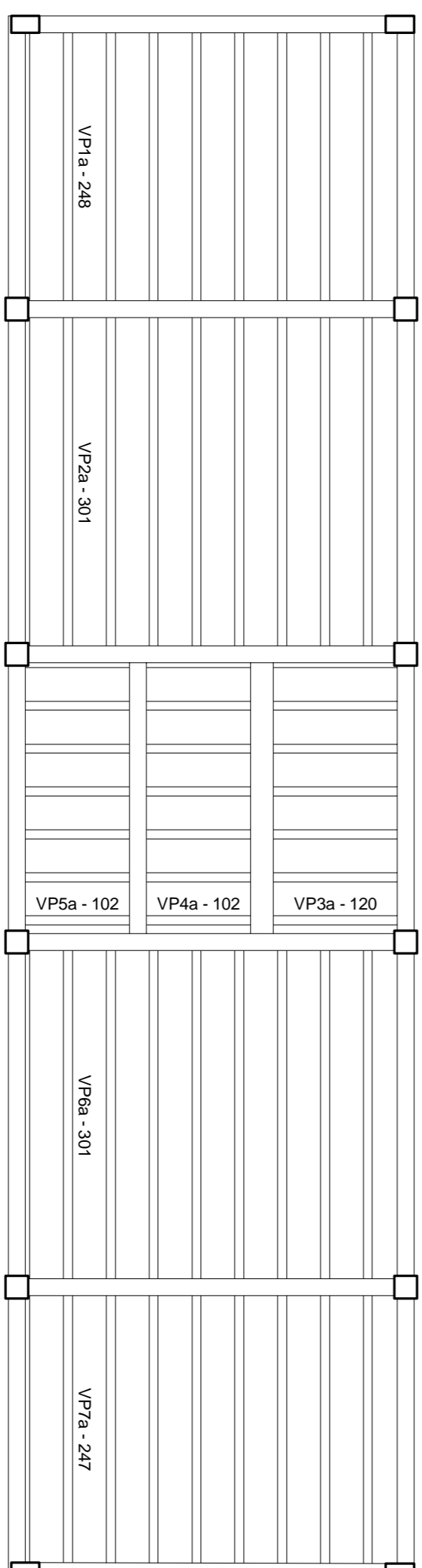
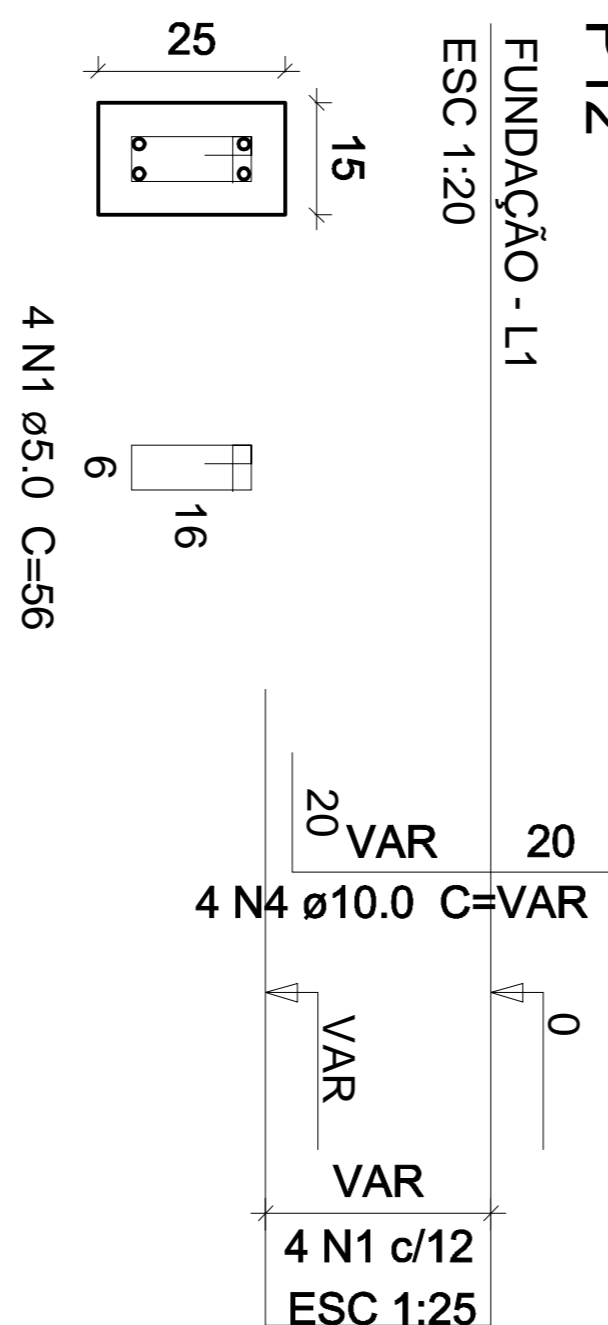
| AÇO                | DIAM<br>(mm) | C.TOTAL<br>(m) | PESO + 10 %<br>(kg) |
|--------------------|--------------|----------------|---------------------|
| CA50               | 10.0         | 214.1          | 145.2               |
| CA60               | 5.0          | 209.4          | 35.5                |
| PESO TOTAL<br>(kg) |              |                |                     |
| CA50               | 145.2        |                |                     |
| CA60               | 35.5         |                |                     |

Volume de concreto (C-30) = 0.18 m<sup>3</sup>

Volume de concreto (C-25) = 11.45 m<sup>3</sup>

Área de forma = 3.62 m<sup>2</sup>

P12



# PLANTA DE VIGOTAS PRÉ-MOLDADAS

ESCALA 1:50

[illegible]