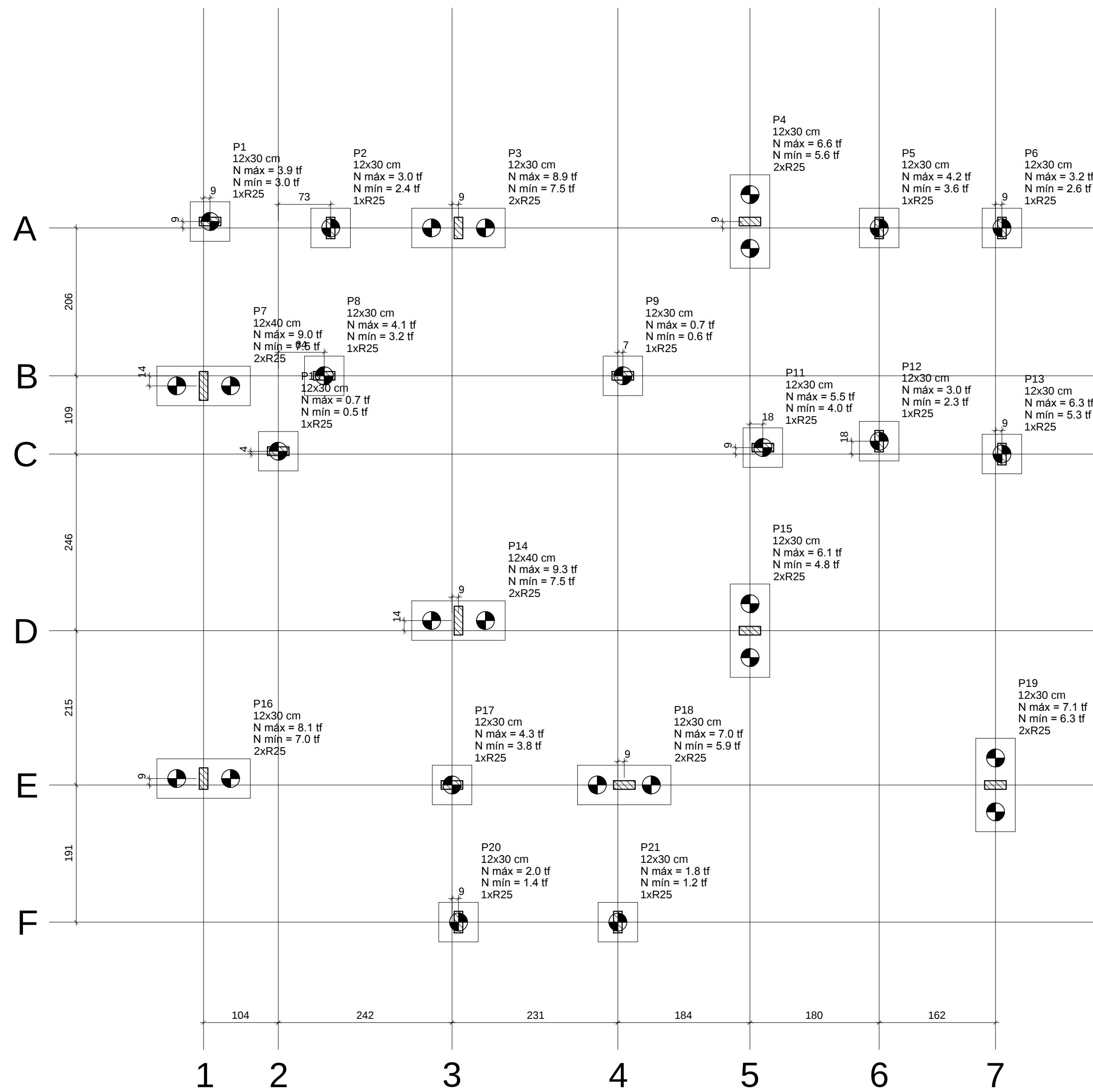
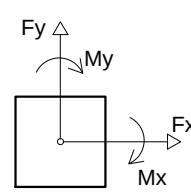
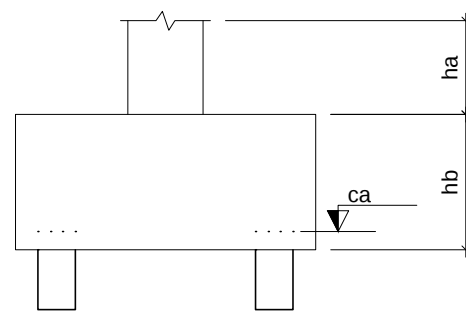


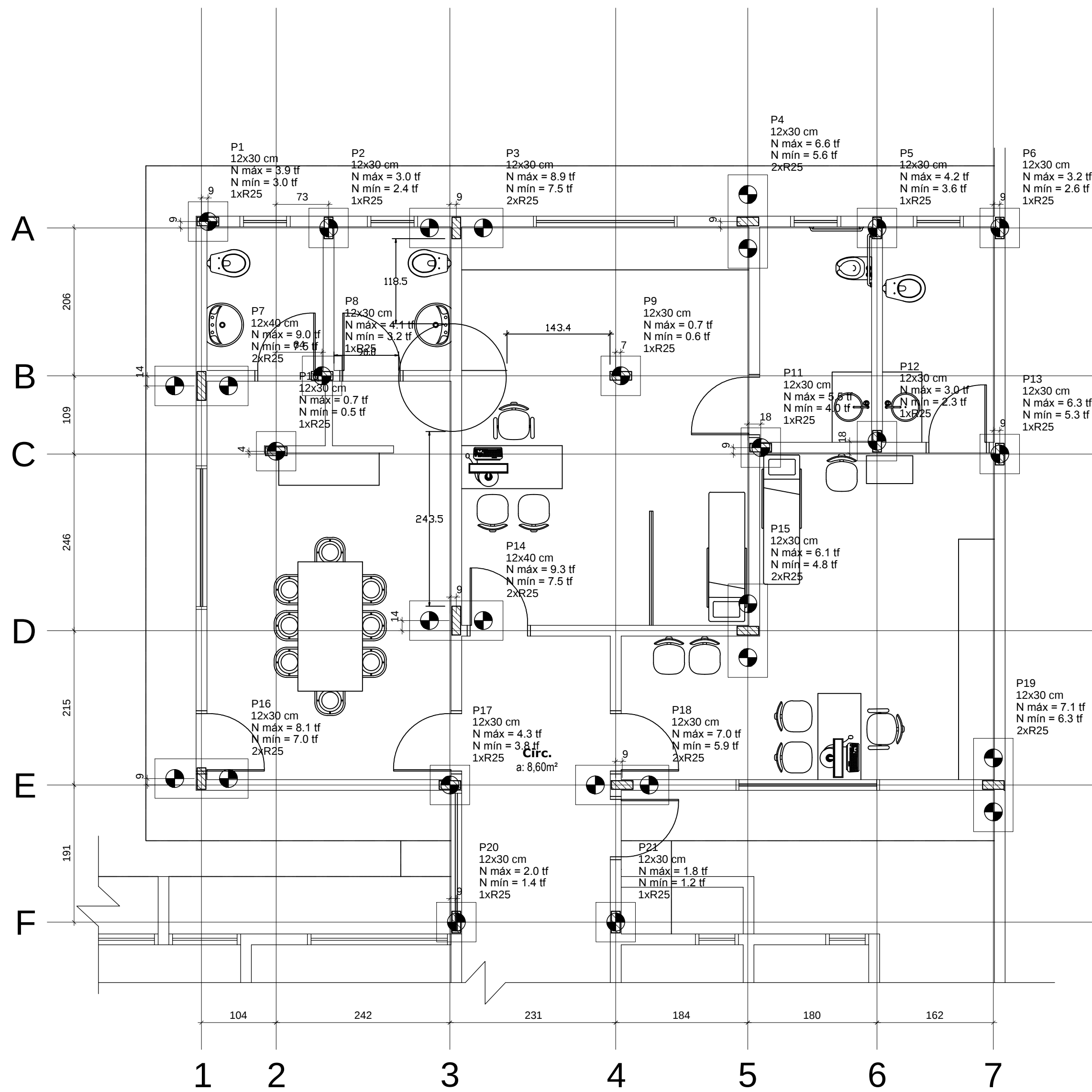


| Nome | Seção (cm) | Pilar           |                 | Bloco |        | estaca profundidade de cada estaca |
|------|------------|-----------------|-----------------|-------|--------|------------------------------------|
|      |            | Carga Máx. (tf) | Carga Min. (tf) | ne    | Estaca |                                    |
| P1   | 12x30      | 3.9             | 3.0             | 1     | R25    | 1 4m                               |
| P2   | 12x30      | 3.0             | 2.4             | 1     | R25    | 1 3m                               |
| P3   | 12x30      | 6.9             | 7.5             | 2     | R25    | 2 4.5m                             |
| P4   | 12x30      | 6.6             | 5.6             | 2     | R25    | 2 3m                               |
| P5   | 12x30      | 4.2             | 3.6             | 1     | R25    | 1 4m                               |
| P6   | 12x30      | 3.2             | 2.6             | 1     | R25    | 1 3m                               |
| P7   | 12x40      | 9.0             | 7.5             | 2     | R25    | 2 4.5m                             |
| P8   | 12x30      | 4.1             | 3.2             | 1     | R25    | 1 4m                               |
| P9   | 12x30      | 0.7             | 0.6             | 1     | R25    | 1 3m                               |
| P10  | 12x30      | 0.7             | 0.5             | 1     | R25    | 1 3m                               |
| P11  | 12x30      | 5.5             | 4.0             | 1     | R25    | 1 5m                               |
| P12  | 12x30      | 3.0             | 2.3             | 1     | R25    | 1 3m                               |
| P13  | 12x30      | 6.3             | 5.3             | 1     | R25    | 1 6m                               |
| P14  | 12x40      | 9.3             | 7.5             | 2     | R25    | 2 4.5m                             |
| P15  | 12x30      | 6.1             | 4.8             | 2     | R25    | 2 3m                               |
| P16  | 12x30      | 8.1             | 7.0             | 2     | R25    | 2 4m                               |
| P17  | 12x30      | 4.3             | 3.8             | 1     | R25    | 1 4m                               |
| P18  | 12x30      | 7.0             | 5.9             | 2     | R25    | 2 3.5m                             |
| P19  | 12x30      | 7.1             | 6.3             | 2     | R25    | 2 3.5m                             |
| P20  | 12x30      | 2.0             | 1.4             | 1     | R25    | 1 3m                               |
| P21  | 12x30      | 1.8             | 1.2             | 1     | R25    | 1 3m                               |

| Estacas    |      |            |
|------------|------|------------|
| Simbologia | Nome | Quantidade |
|            | R25  | 29         |

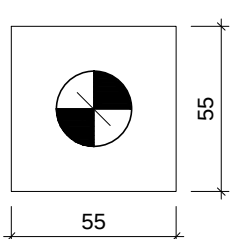


Planta de locação  
escala 1:50

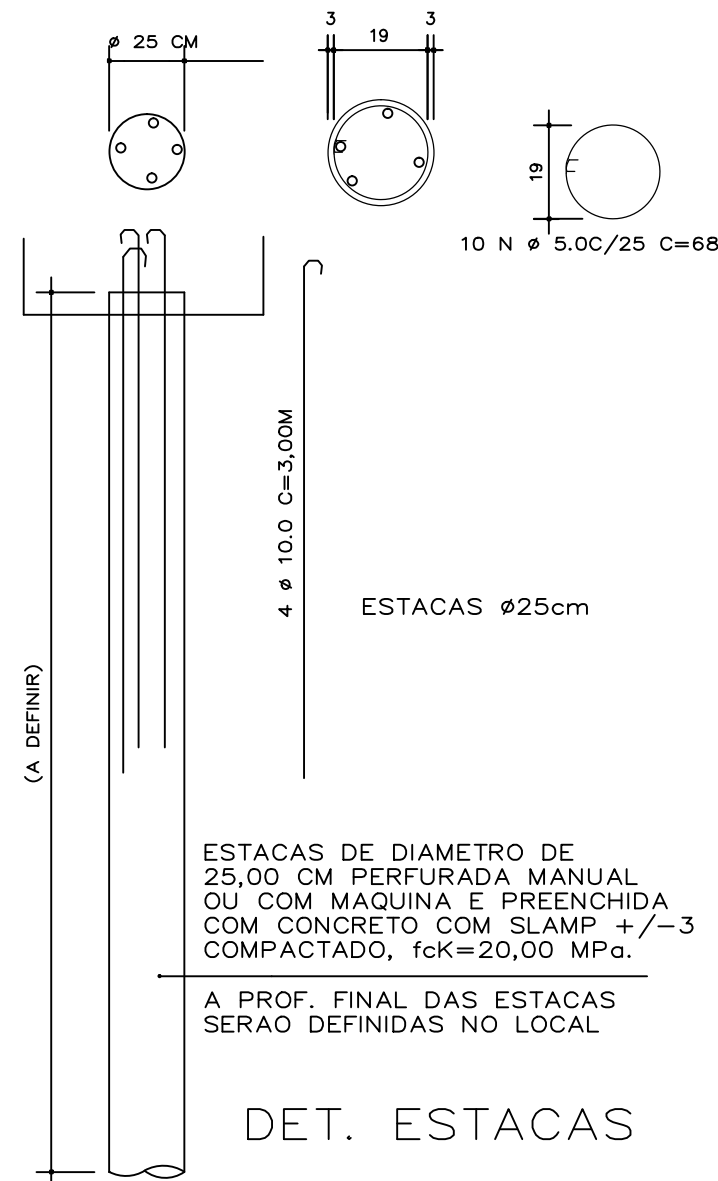
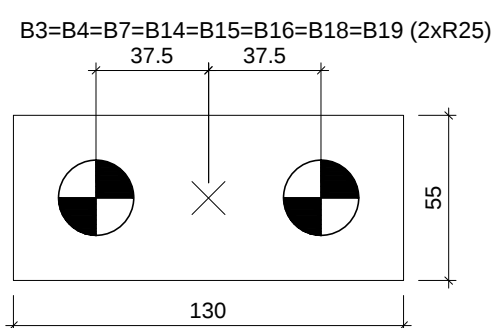


Planta de locação sobre planta  
escala 1:50

B1=B2=B5=B6=B8=B9  
B10=B11=B12=B13=B17  
B20=B21 (1xR25)

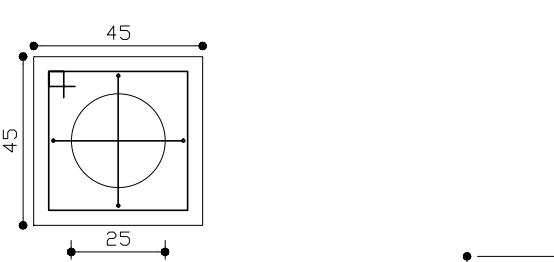


Legenda dos blocos  
escala 1:25

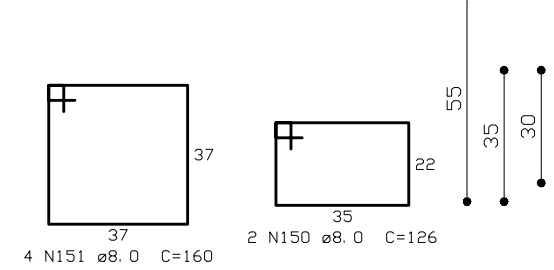


B1=B2=B5=B6=B8=B9=B10=B11=B12=B13=B17  
=B20=B21

1 ø25  
Planta  
ESC 1:20

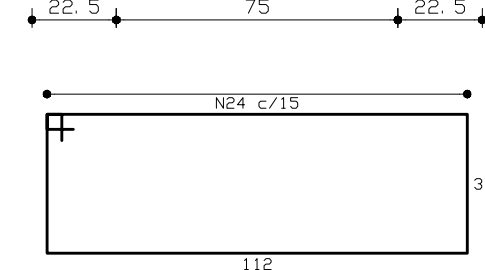
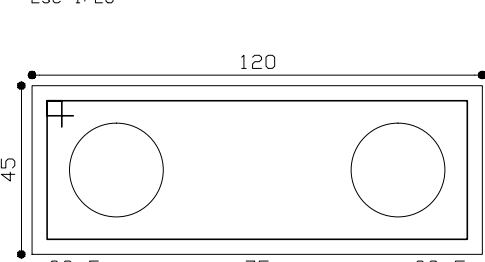


Corte  
ESC 1:20

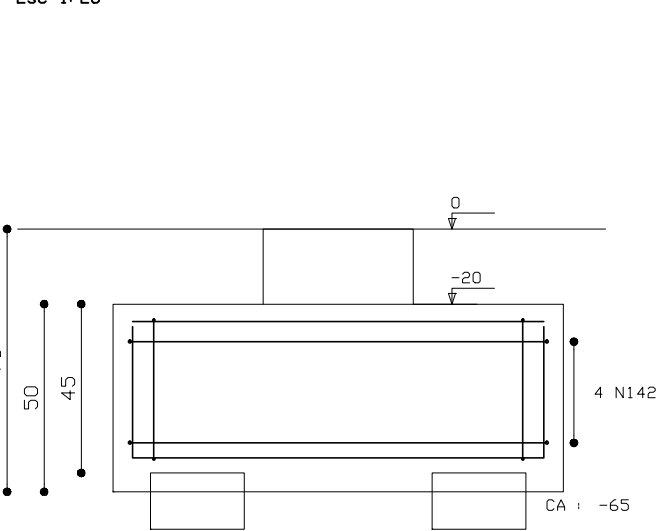


B3=B4=B7=B14=B15=B16=B18=B19  
=B20=B21

2 ø25  
Planta  
ESC 1:20



Corte  
ESC 1:20



Resumo do aço estacas  
e blocos

| AÇO  | DIAM (mm) | C.TOTAL (m) | PESO (kg) |
|------|-----------|-------------|-----------|
| CA50 | 6.3       | 199.04      | 53.74     |
|      | 8.0       | 230.36      | 94.45     |
|      | 10.0      | 348.0       | 208.80    |
| CA60 | 5.0       | 203.00      | 31.26     |

Volume de concreto blocos= 3.08 m³

## PROJETO ESTRUTURAL

OBRA: AMPLIACAO PSF PANORAMA

ENDEREÇO: UBIRATA

RESPONSÁVEL TÉCNICO:

EDUARDO FELIPE MANFE

CREA: 135944/D-PR

Corteúdo: LOCACAO

ESTACAS  
BLOCOS

PAVIMENTO:

TERREO

UNIDADE:

cm

TOTAL DE PRANCHAS

05

PROPRIETÁRIO:

PREFEITURA MUNICIPAL DE UBIRATA

DESENHO:

EDUARDO

DATA:

10/04/2017

FOLHA:

01 / 05