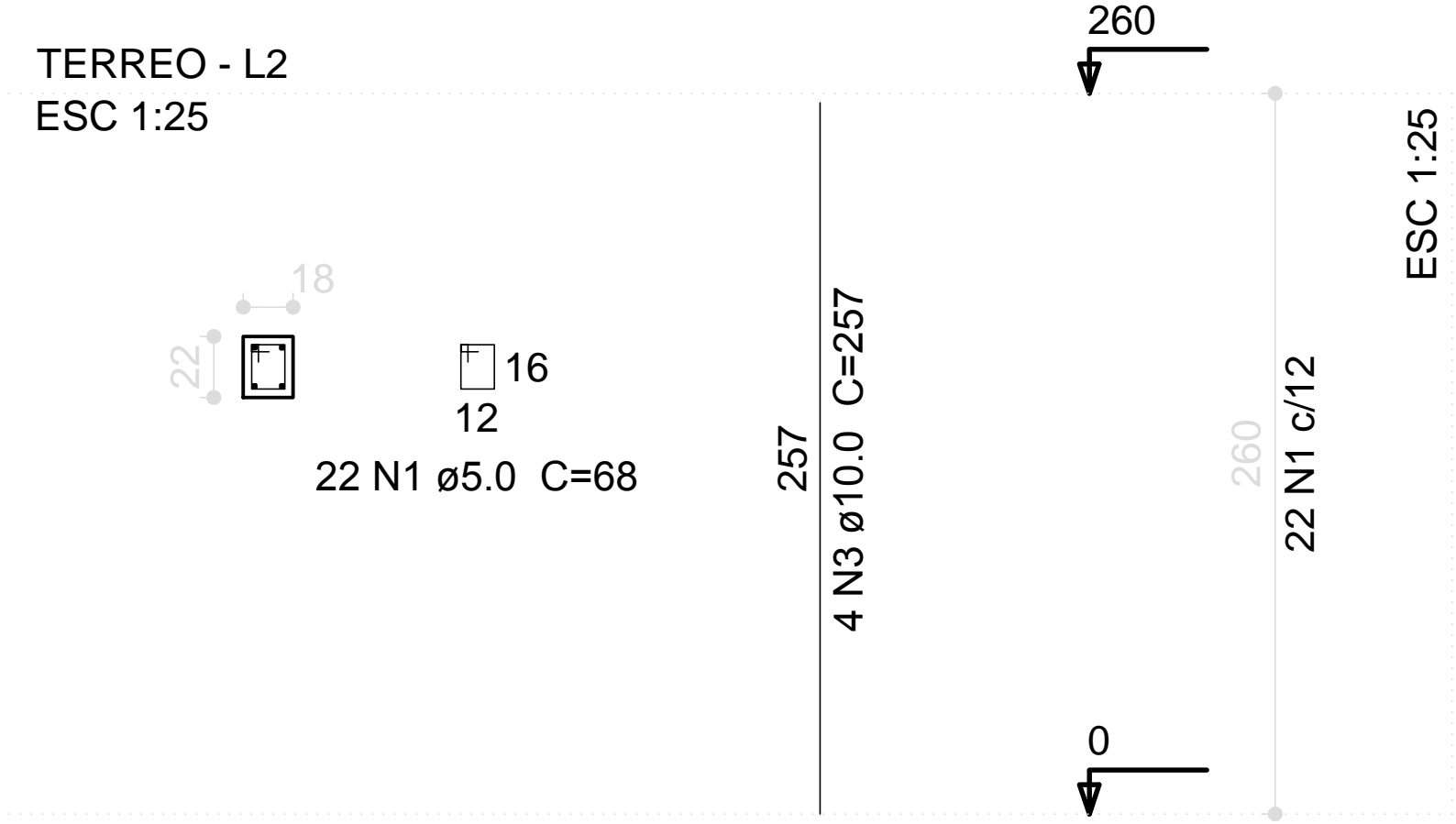


Pilares

Escala 1:25

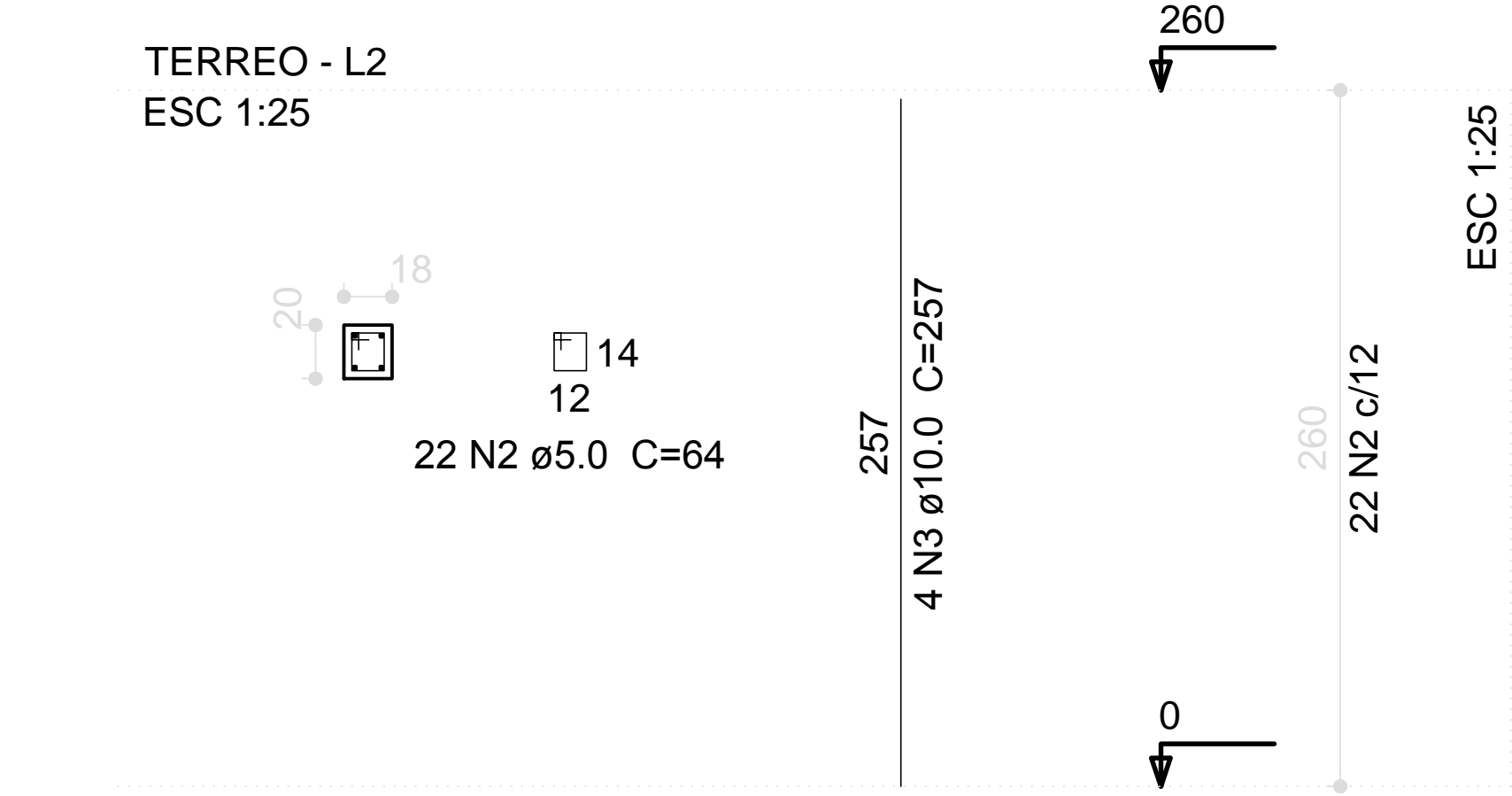
P1=P2=P3=P4=P6

TERREO - L2
ESC 1:25



P5

TERREO - L2
ESC 1:25



Relação do aço

| 5xP1 | | P5 | | | |
|------|---|--------------|-------------------|--------------|-----------------|
| AÇO | N | DIAM (mm) | QUANT (Barras) | UNIT (cm) | C.TOTAL (cm) |
| CA60 | 1 | 5.0 | 80 | 68 | 5440 |
| | 2 | 5.0 | 16 | 64 | 1024 |
| CA50 | 3 | 10.0 | 24 | 187 | 4488 |

Resumo do aço

| AÇO | DIAM (mm) | C.TOTAL (m) | PESO + 10 % (kg) |
|--------------------|--------------|----------------|---------------------|
| CA50 | 10.0 | 44.9 | 30.4 |
| CA60 | 5.0 | 64.7 | 11 |
| PESO TOTAL (kg) | | | |
| CA50 | 30.4 | | |
| CA60 | 11 | | |

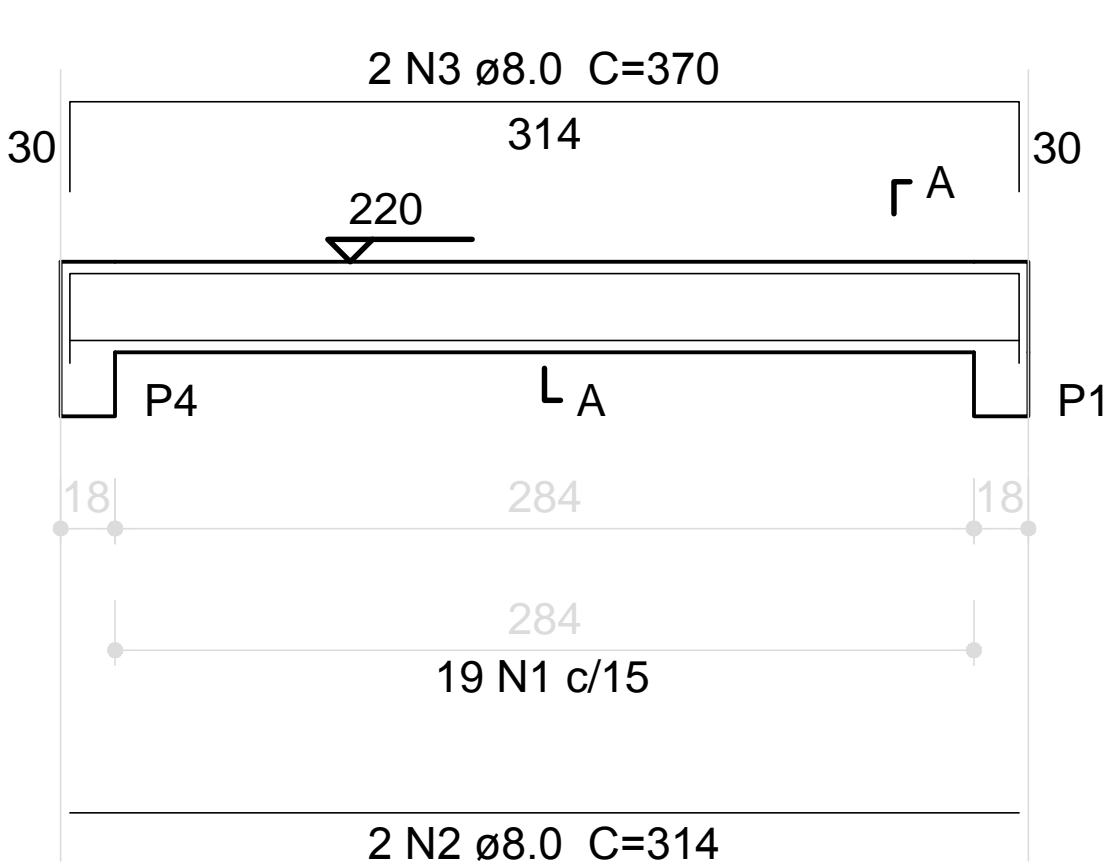
Volume de concreto (C-25) = 0.44 m³

Área de forma = 9.04 m²

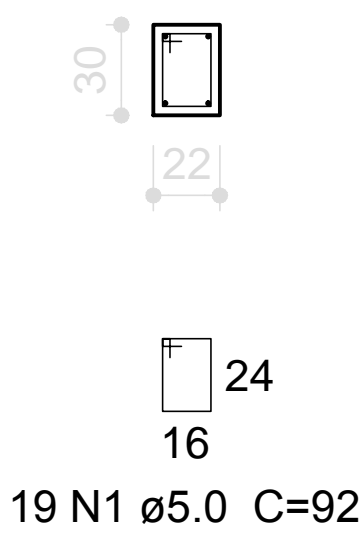
Vigas de Respaldo

escala 1:25

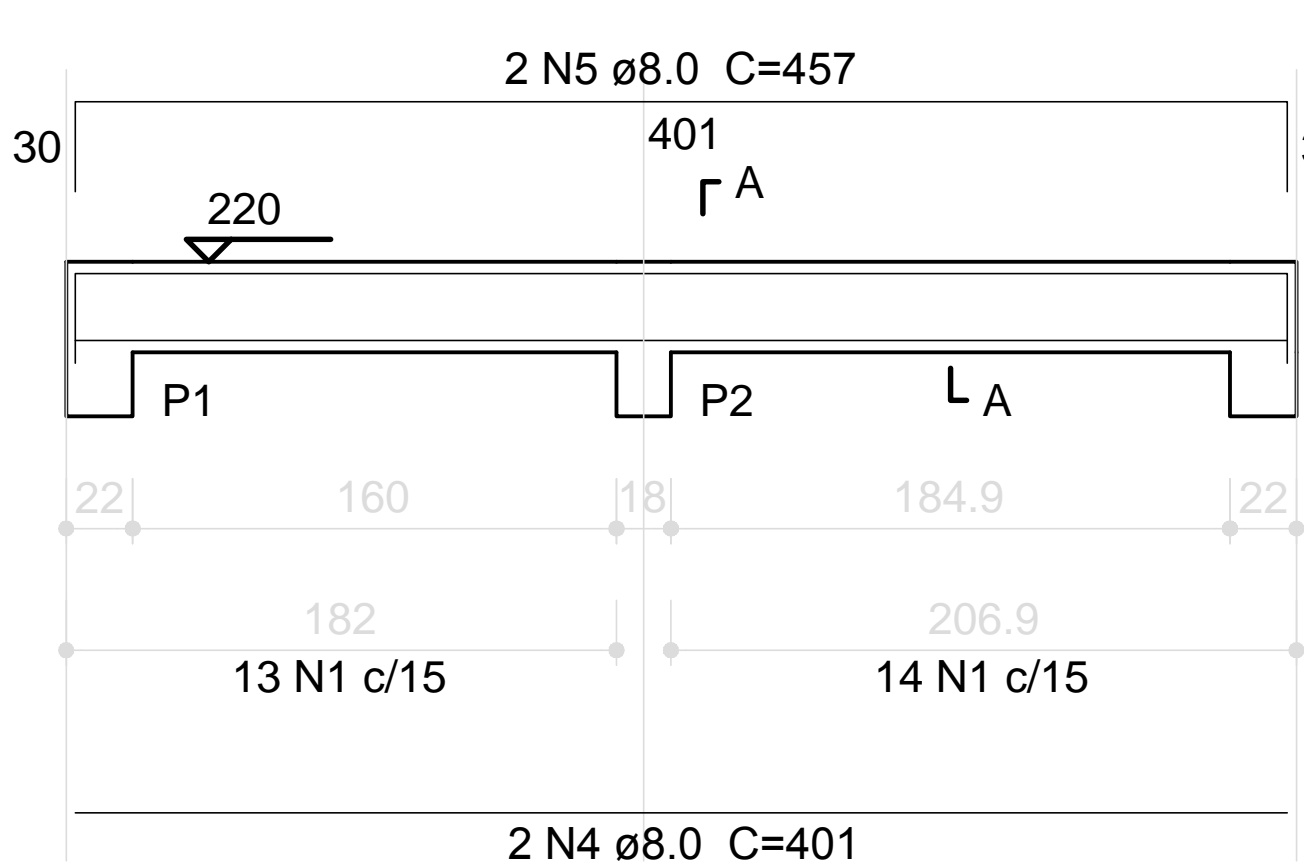
V1



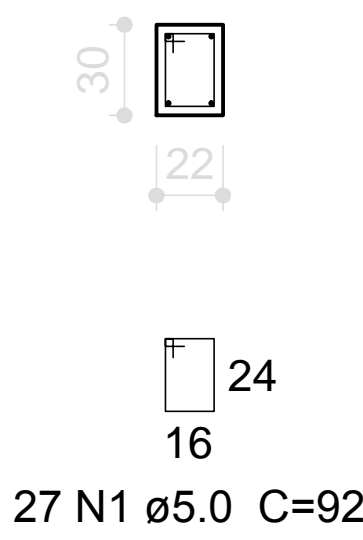
SEÇÃO A-A
ESC 1:50



V2



SEÇÃO A-A
ESC 1:50



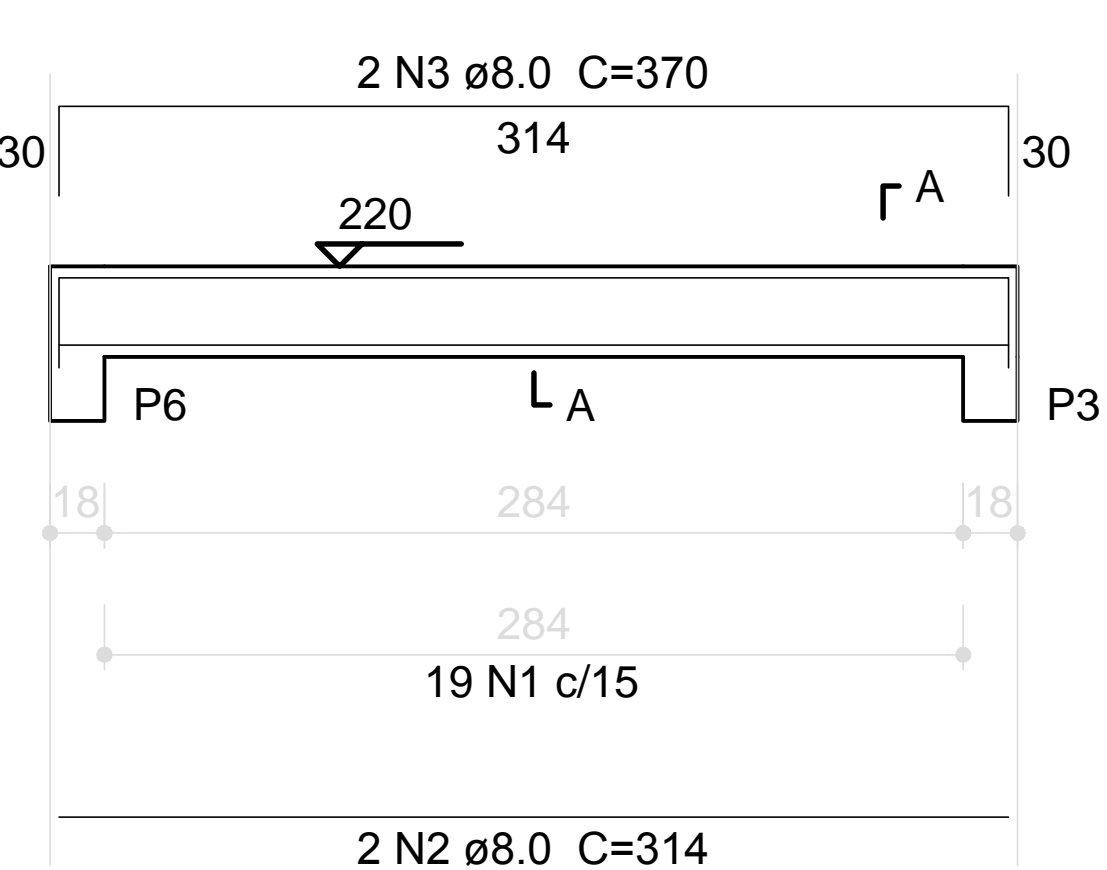
| Relação do aço | | | | | |
|----------------|---|--------------|-------------------|--------------|-----------------|
| V1 V4 | | V2 | | V3 | |
| AÇO | N | DIAM (mm) | QUANT (Barras) | UNIT (cm) | C.TOTAL (cm) |
| CA60 | 1 | 5.0 | 93 | 92 | 8556 |
| CA50 | 2 | 8.0 | 4 | 314 | 1256 |
| | 3 | 8.0 | 4 | 370 | 1480 |
| | 4 | 8.0 | 4 | 401 | 1604 |
| | 5 | 8.0 | 4 | 457 | 1828 |

| Resumo do aço | | | |
|--------------------|--------------|----------------|---------------------|
| AÇO | DIAM (mm) | C.TOTAL (m) | PESO + 10 % (kg) |
| CA50 | 8.0 | 61.7 | 26.8 |
| CA60 | 5.0 | 85.6 | 14.5 |
| PESO TOTAL (kg) | | | |
| CA50 | 26.8 | | |
| CA60 | 14.5 | | |

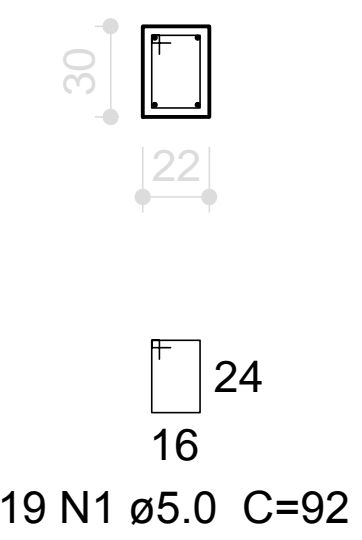
Volume de concreto (C-25) = 0.96 m³

Área de forma = 11.92 m²

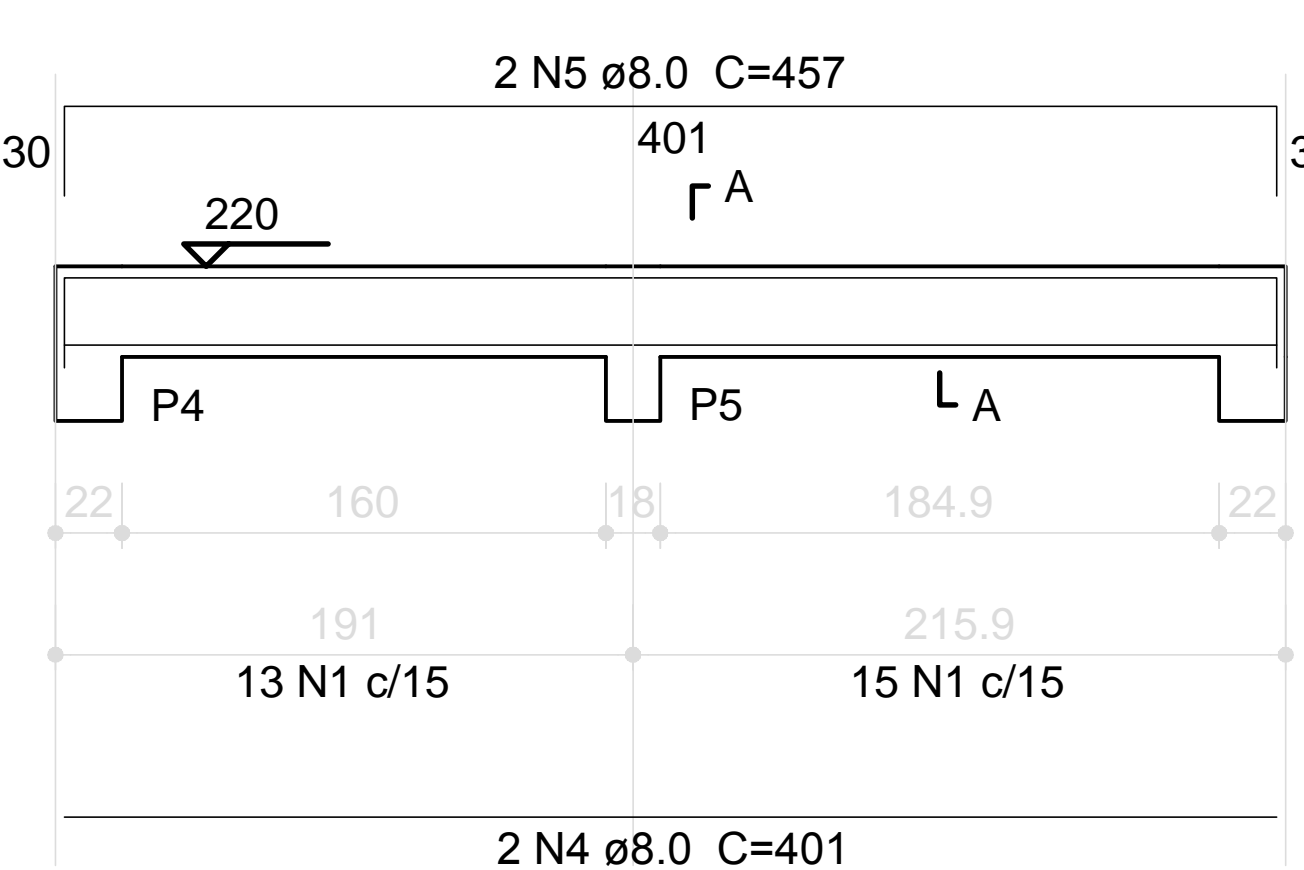
V3



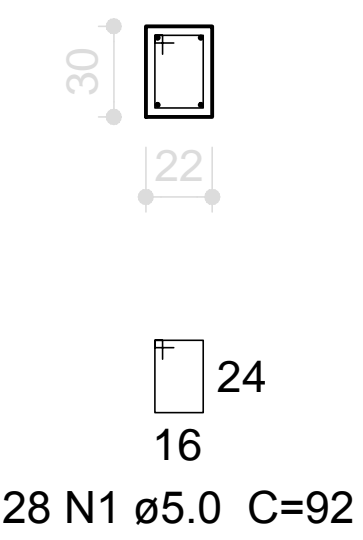
SEÇÃO A-A
ESC 1:50



V4



SEÇÃO A-A
ESC 1:50



SECRETARIA DE COORDENAÇÃO E PLANEJAMENTO
UNIDADE DE GERENCIAMENTO DE PROJETOS

| |
|--|
| QUIOSQUES PRAIA DO LARANJAL |
| PROJETO ESTRUTURAL - PILARES E VIGAS DE RESPALDO |

| |
|---------|
| Prancha |
| 03/04 |

| |
|---|
| EQUIPE TÉCNICA DA UGP |
| Eng. Civil - Karen B. Almeida Esperança - CREA/RS 133.204 |
| Arquiteto - Alexandre Silveira Vergara - CAU/RS A39209-0 |

| |
|------------|
| Escala |
| 1:25 |
| Data |
| ABR / 2016 |