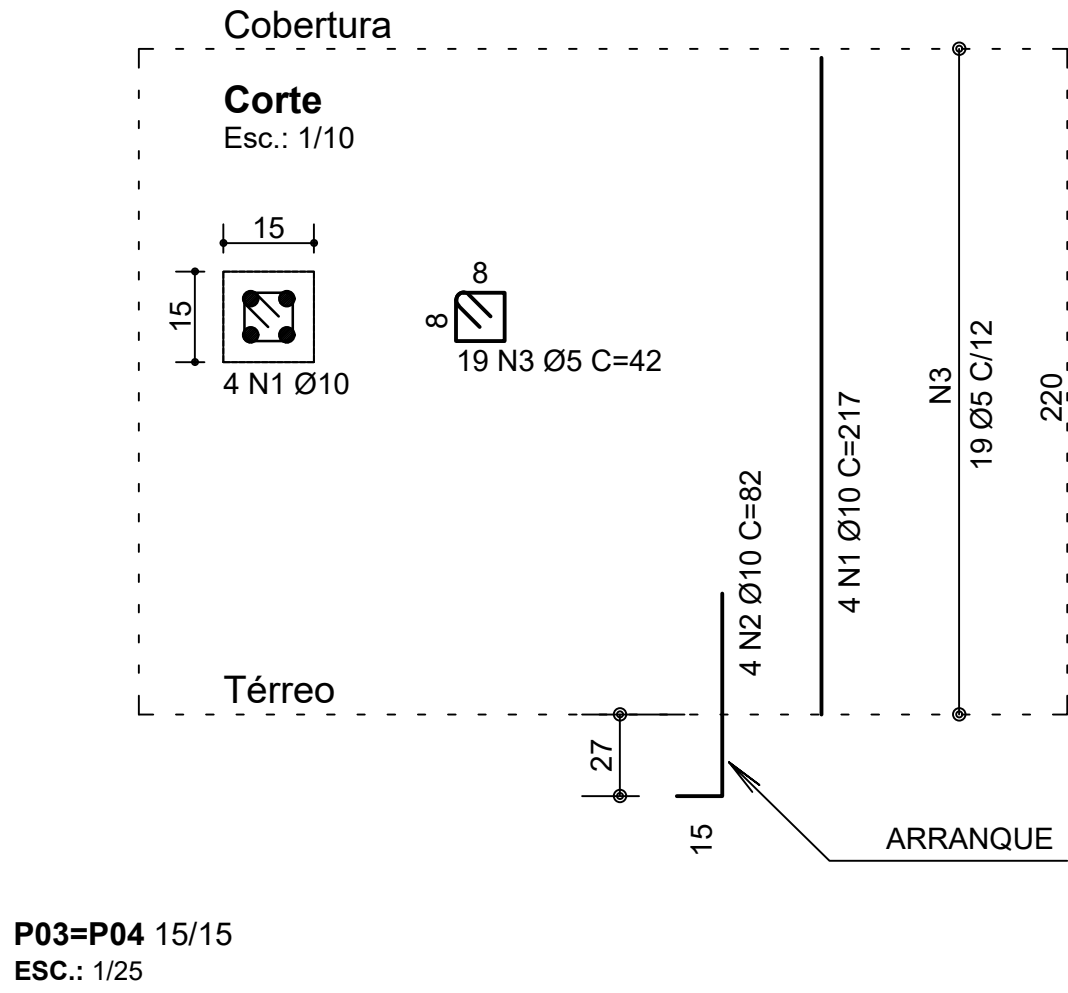
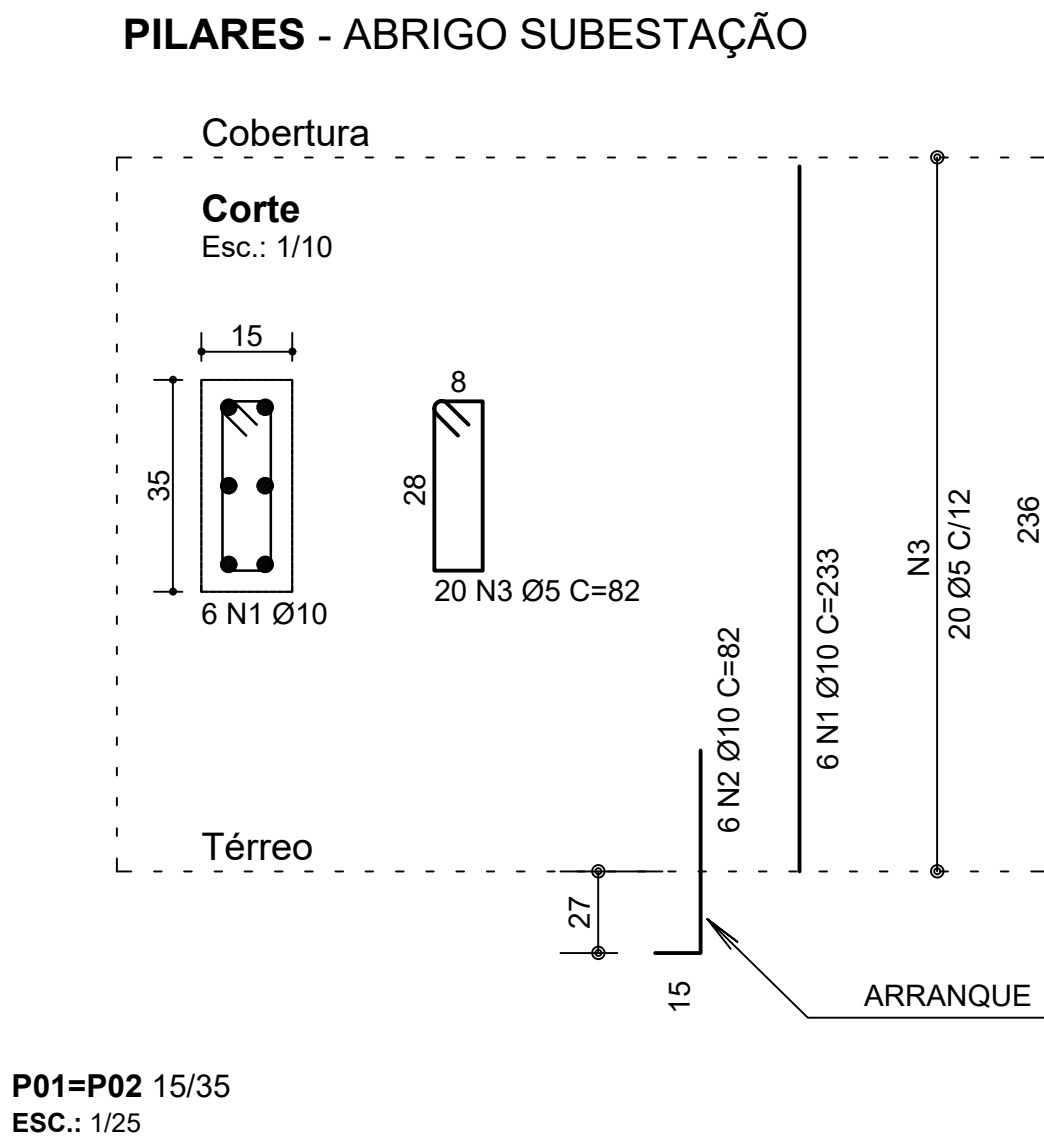
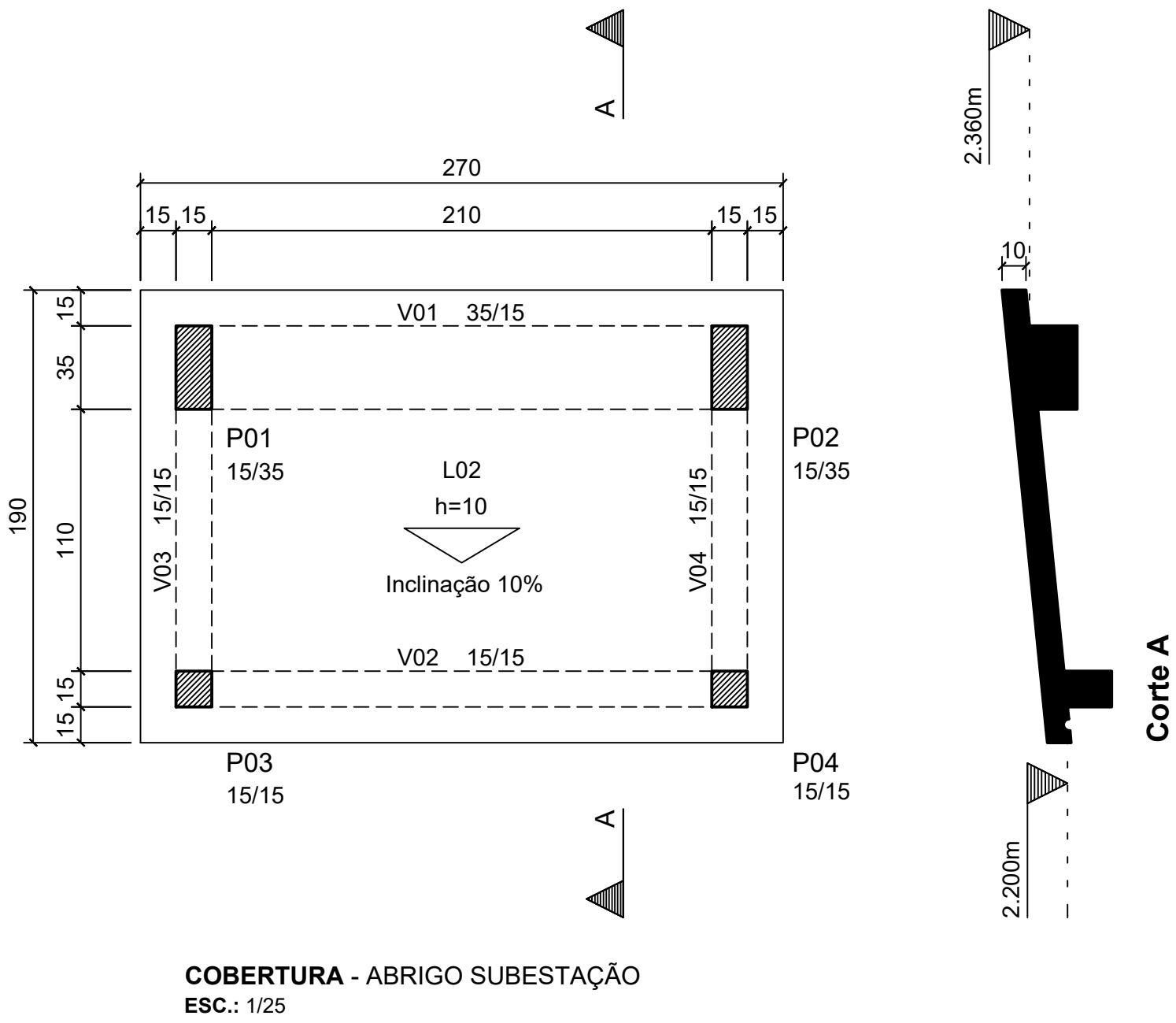
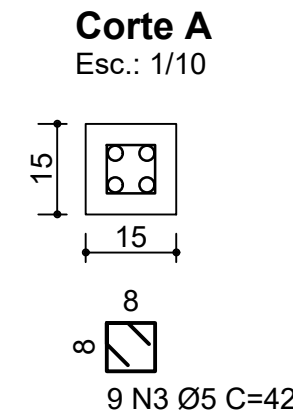
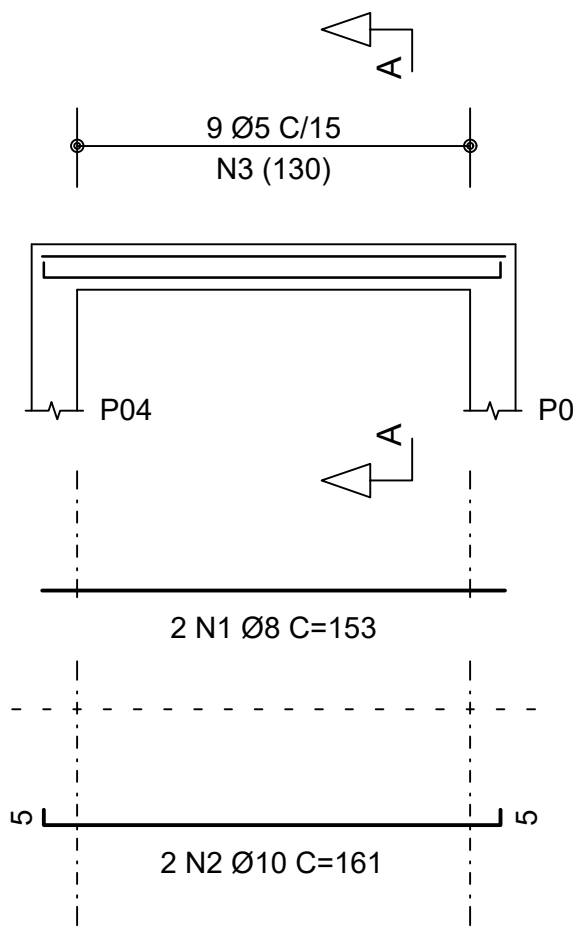
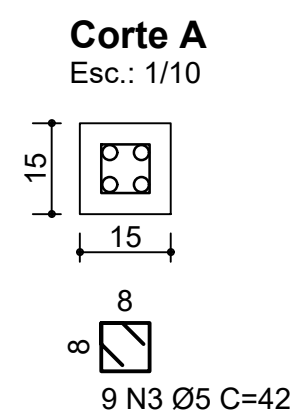
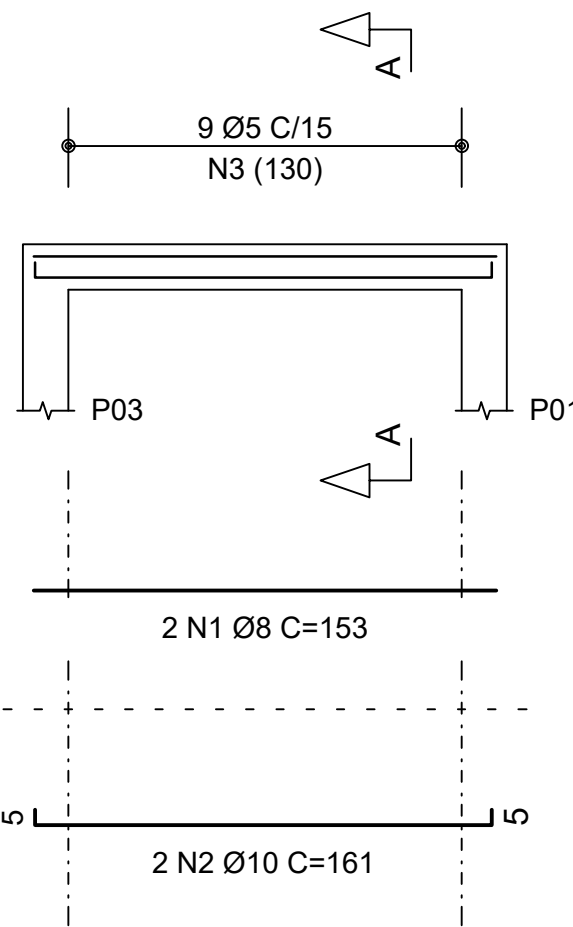
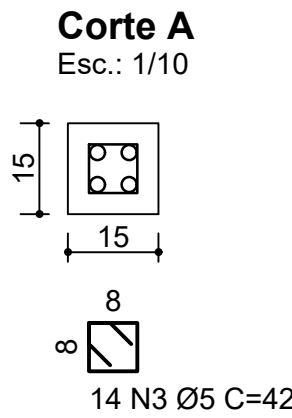
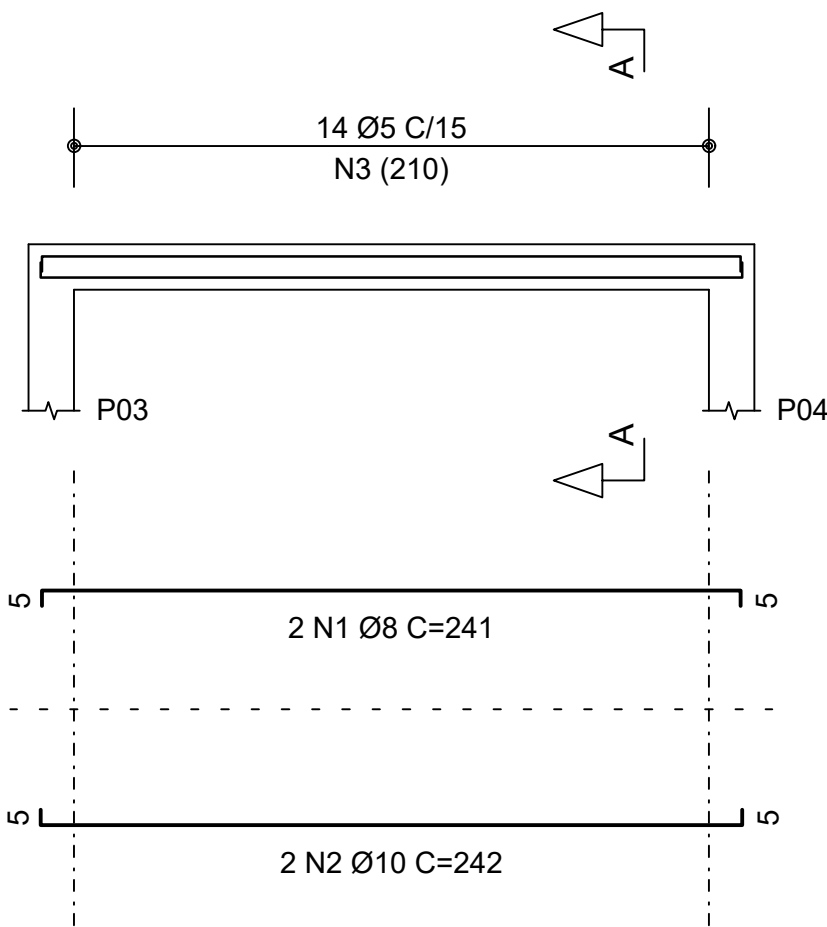
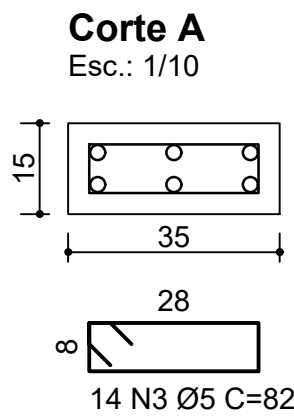
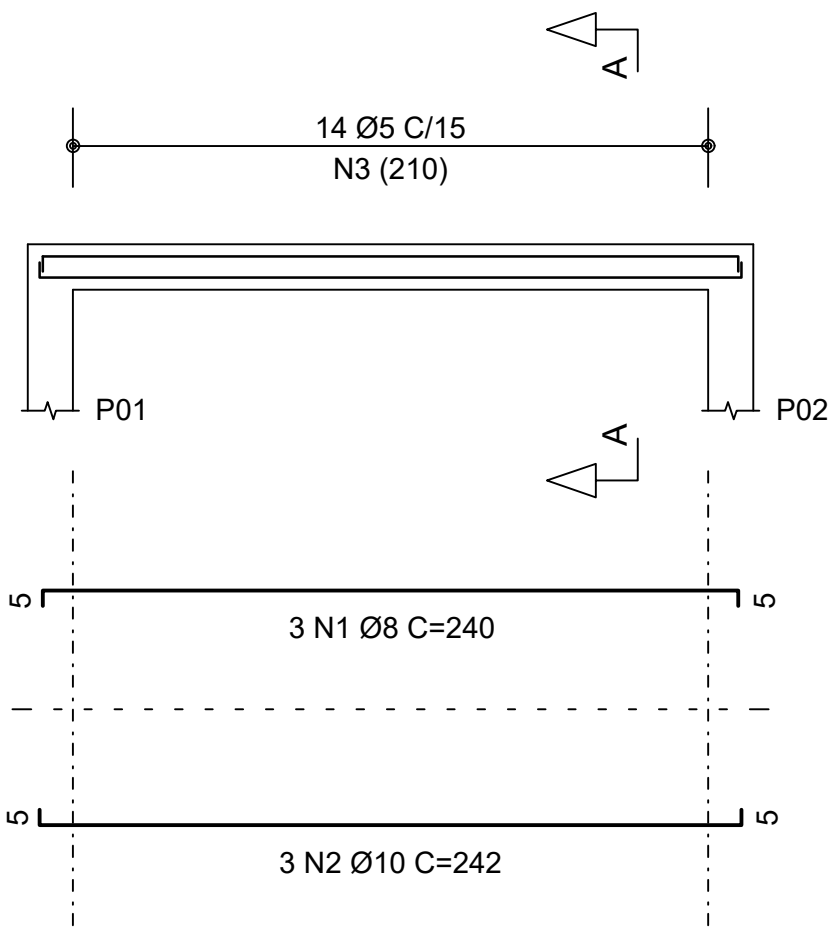


**TÉRREO - ABRIGO SUBESTAÇÃO**  
ESC.: 1/25

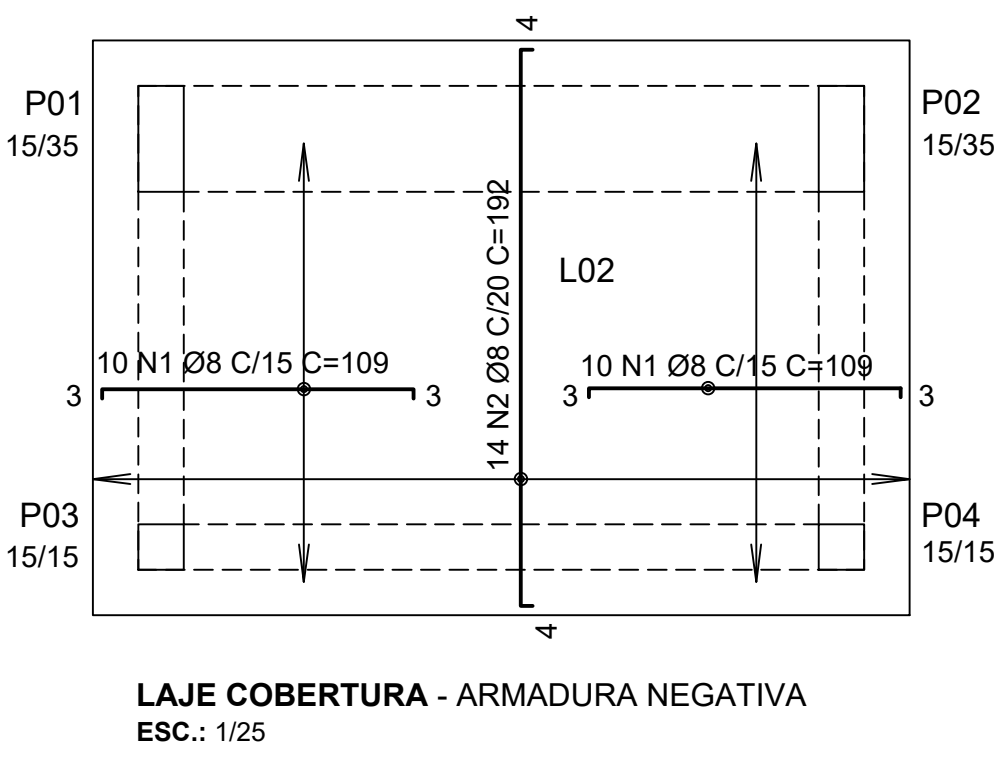
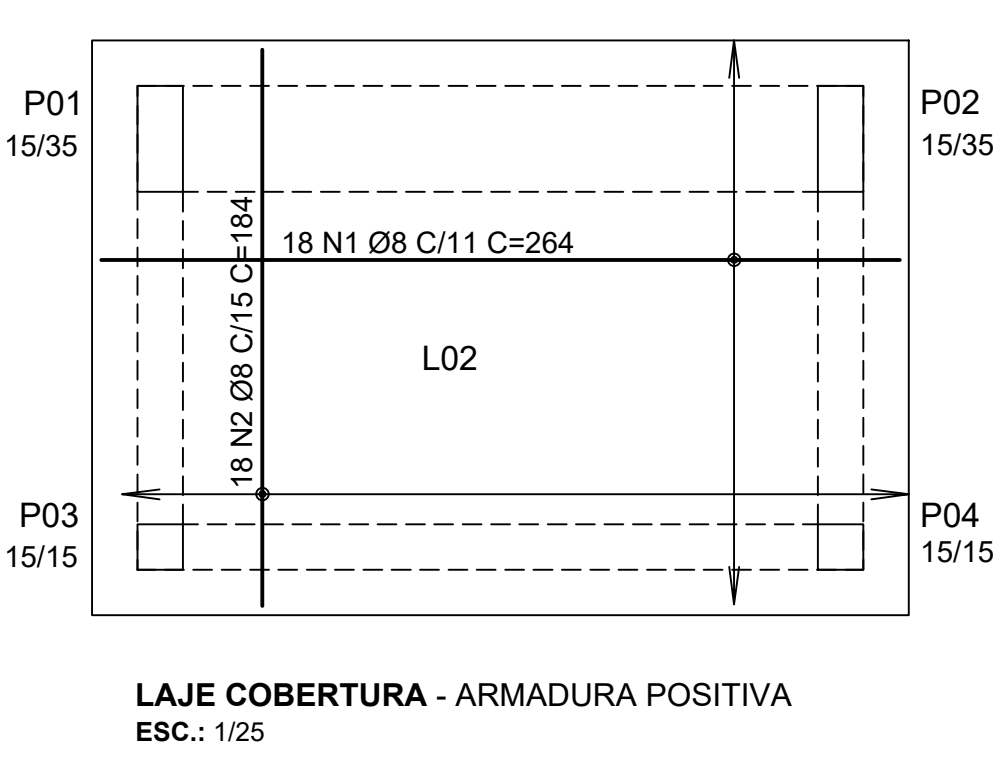
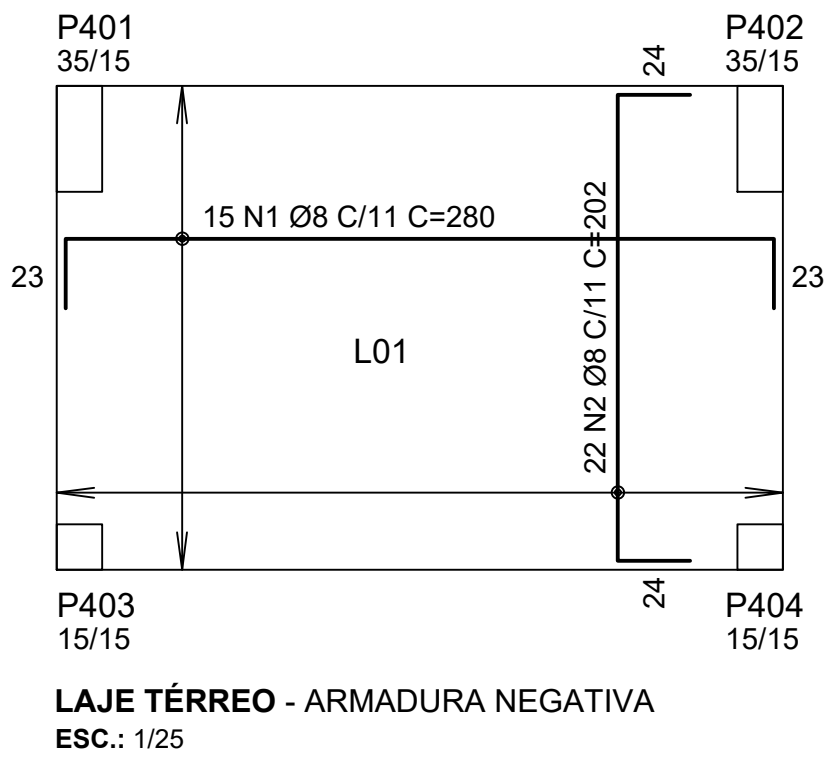
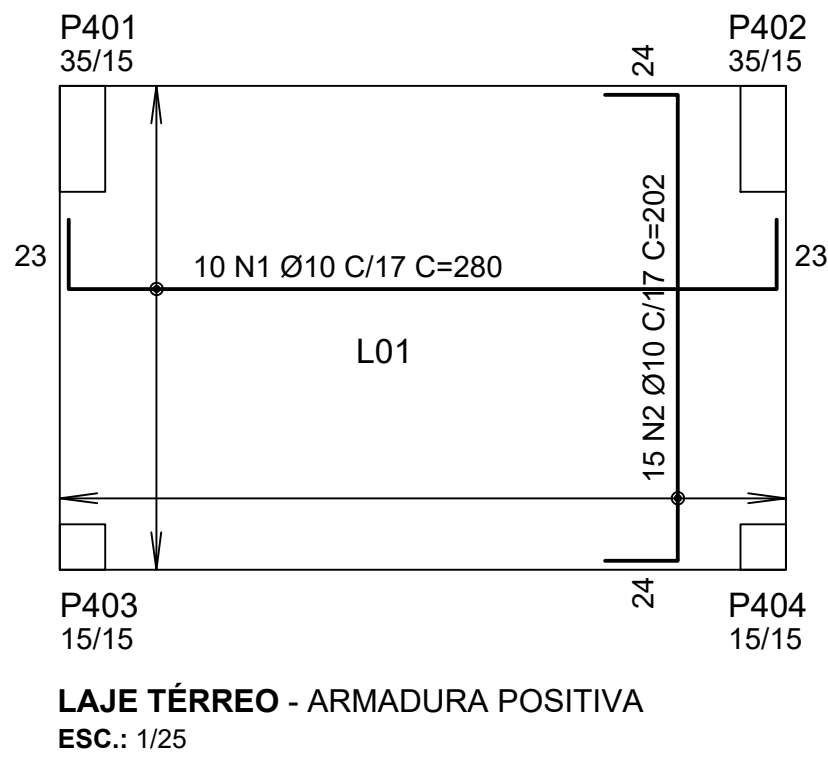


| QUANTITATIVO                                       |        |      |
|--|--------|------|
| MATERIAL   | QTDE   | UNID |
| CONCRETO FCK = 25mpa                               | 2,264  | M³   |
| AÇO CA60 5,0mm                                     | 11,789 | KG   |
| AÇO CA50 8,0mm                                     | 92,6   | KG   |
| AÇO CA50 10,0mm                                    | 77,83  | KG   |
| MADEIRA PARA CAIXARIA EM CHAPA DE MADEIRA RESINADA | 19,65  | M²   |
| IMPERMEABILIZANTE ACRÍLICO                         | 7,04   | M²   |
| BLOCO DE CONCRETO 14x19x39cm                       | 16,4   | M²   |
| CHAPISCO / EMBOÇO / REBOCO                         | 24,64  | M²   |
| SELADOR ACRÍLICO PARA PAREDE (2 DEMÃOS)            | 34,9   | M²   |
| TINTA ACRÍLICA PARA PAREDE (2 DEMÃOS)              | 34,9   | M²   |
| GRADIL METÁLICO 200x200cm - PINTURA NA COR AZUL    | 1      | UN   |

**VIGAS - ABRIGO SUBESTAÇÃO**



**LAJES - ABRIGO SUBESTAÇÃO**



|   |  |                         |  |
|---|--|-------------------------|--|
| PROPRIETÁRIO                                  | MUNICÍPIO DE JOINVILLE<br>83.169.623/0001-10 | RESPONSÁVEL TÉCNICO     | CARLA TAIS PEREIRA<br>ENGENHEIRA CIVIL<br>CREA/SC 180646-6 |
| SECRETARIA DE EDUCAÇÃO - SED                  |  | RUA ITAJAÍ, 390, CENTRO |  |
| SETOR DE ENGENHARIA                           |  |                         |  |
| ABRIGO SUBESTAÇÃO                             |  | DATA                    | 11/05/2023   |
| DETALHAMENTO ESTRUTURAL                       |  | ESCALA                  | INDICADA   |
| Projeto Estrutural da Subestação (0018037328) |  | FOLHA 01/01             |  |