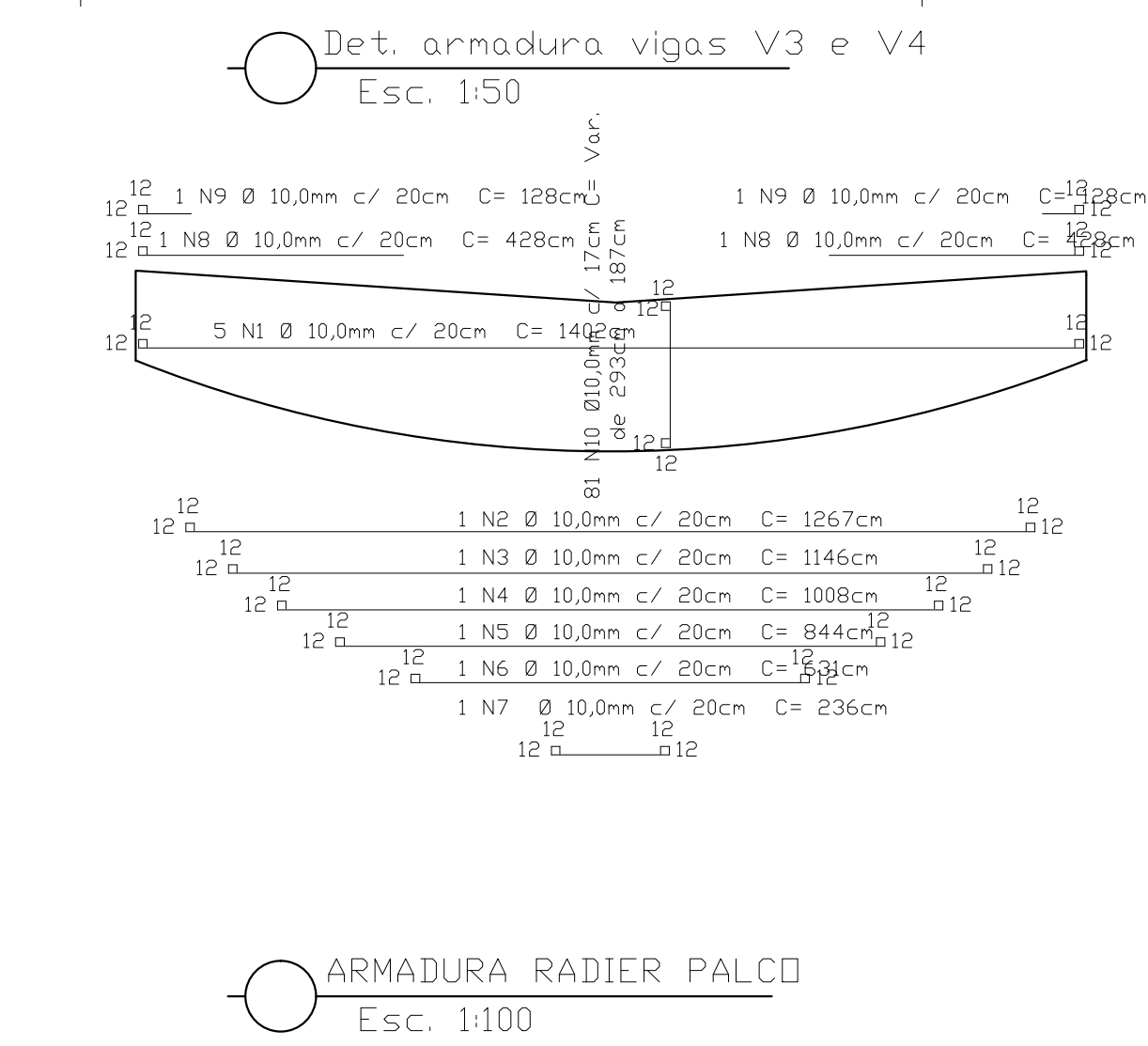
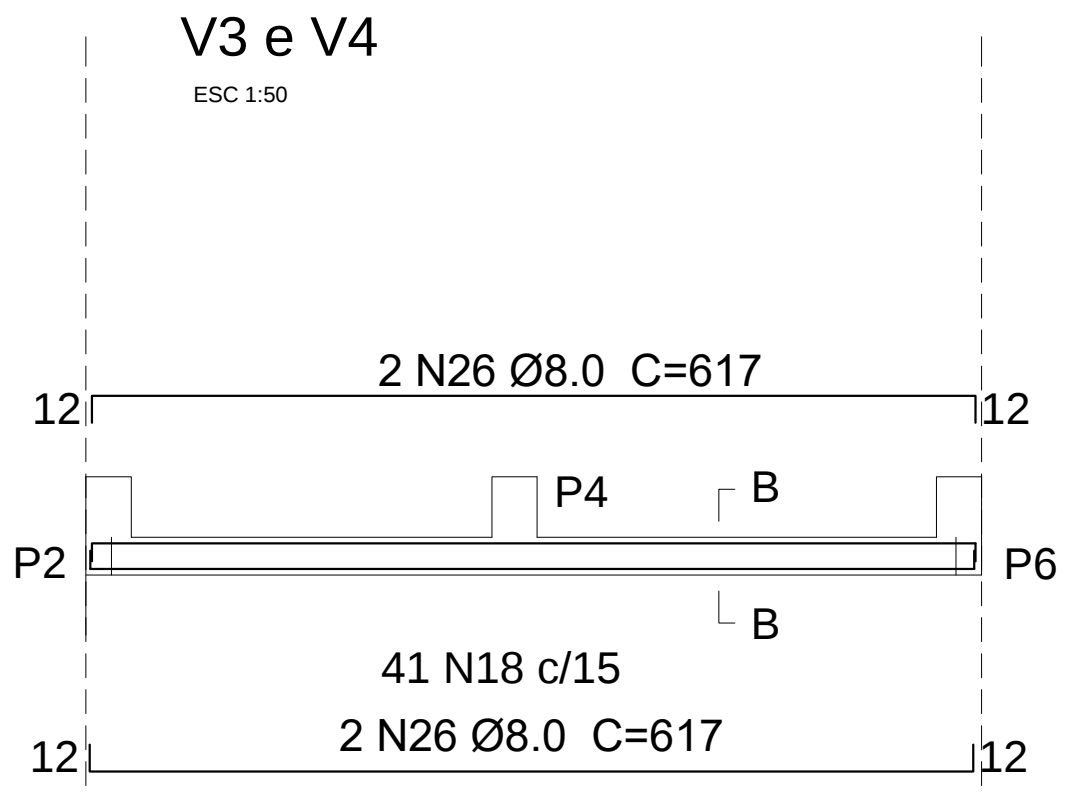
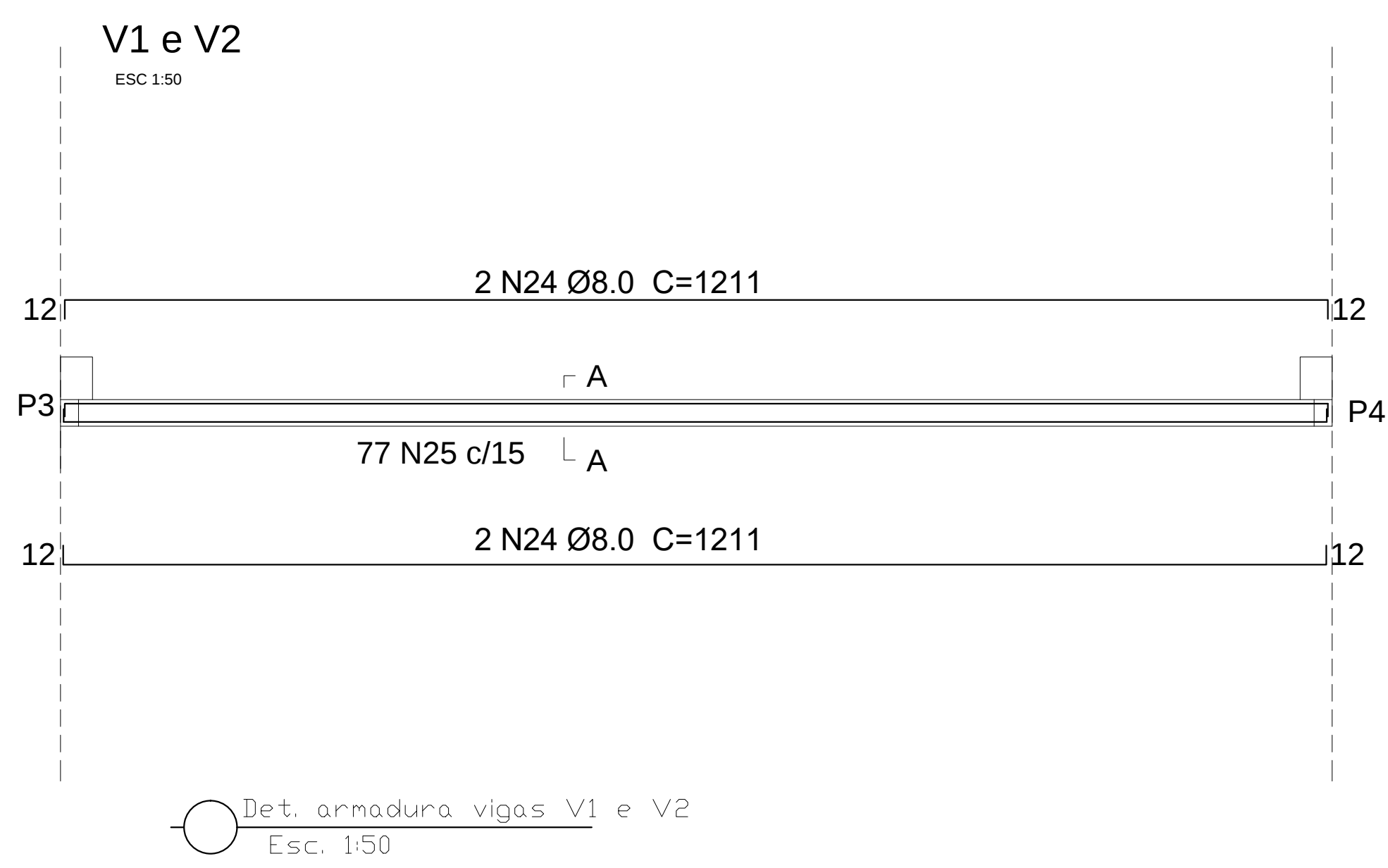
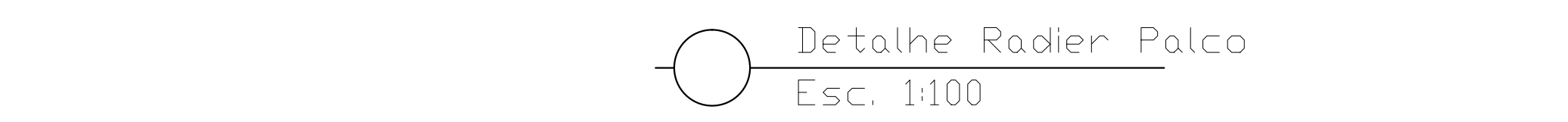
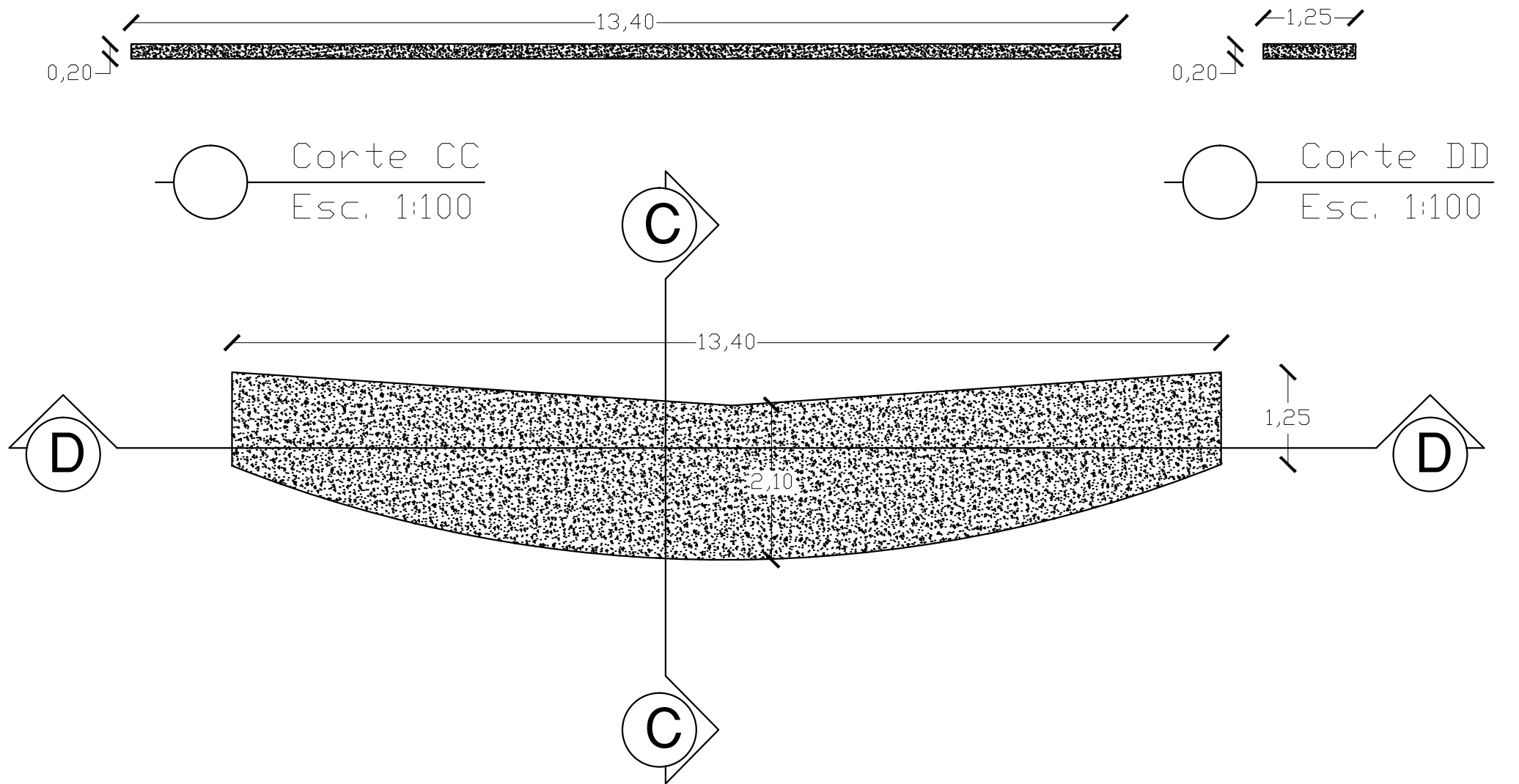
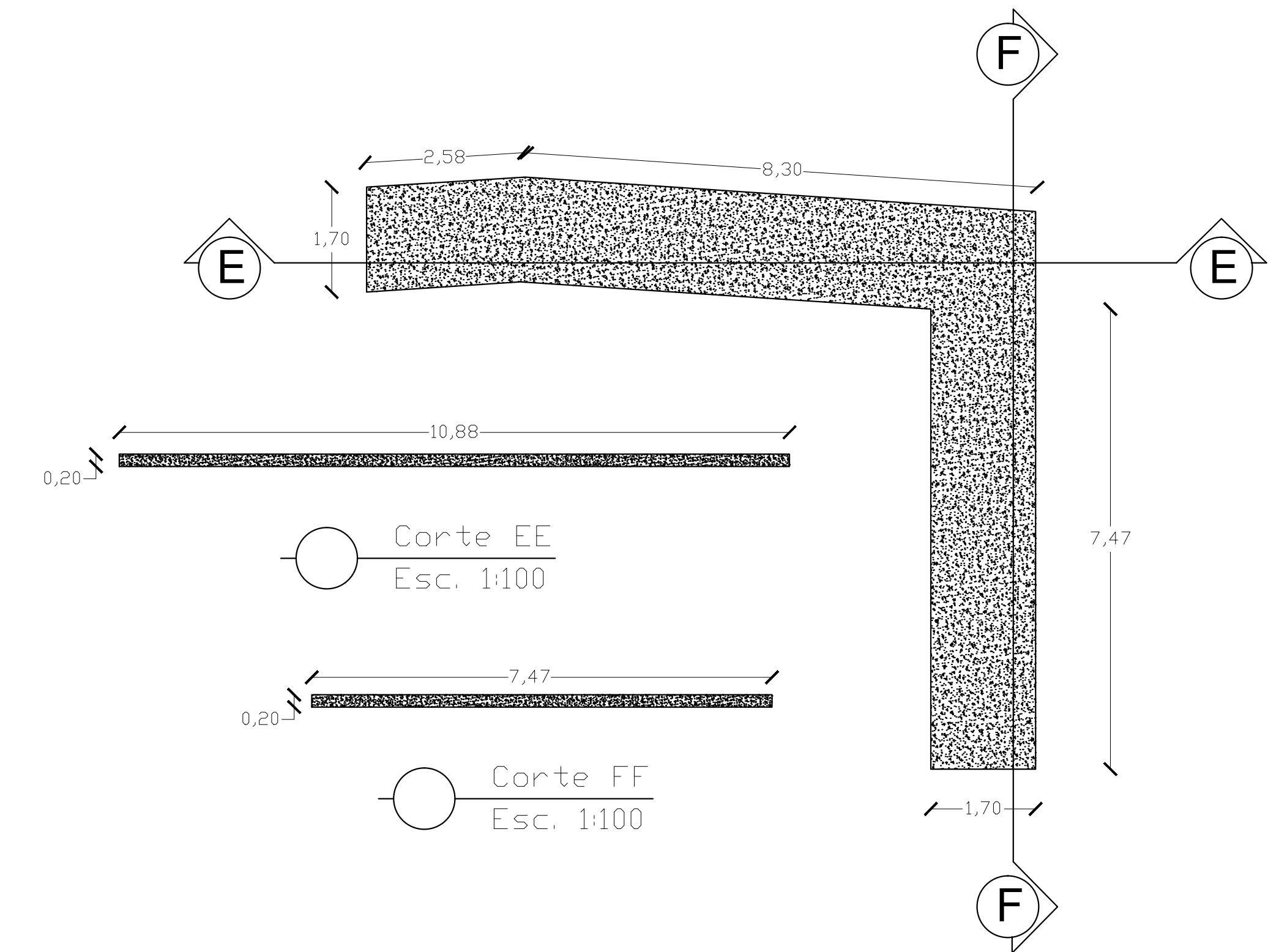
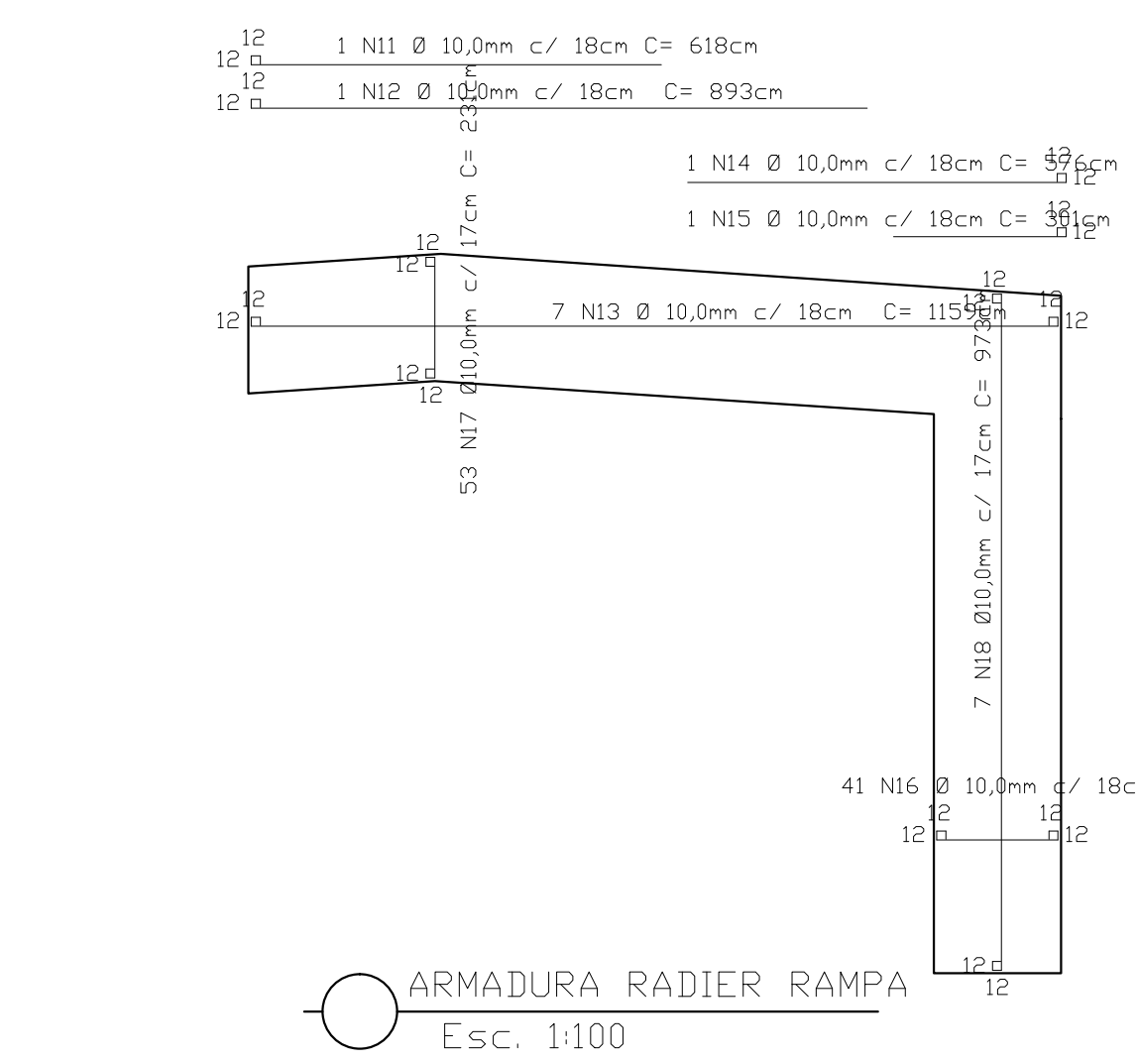
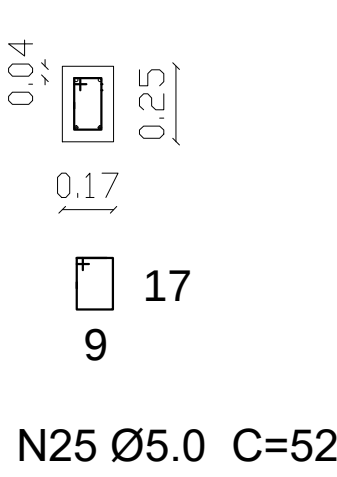
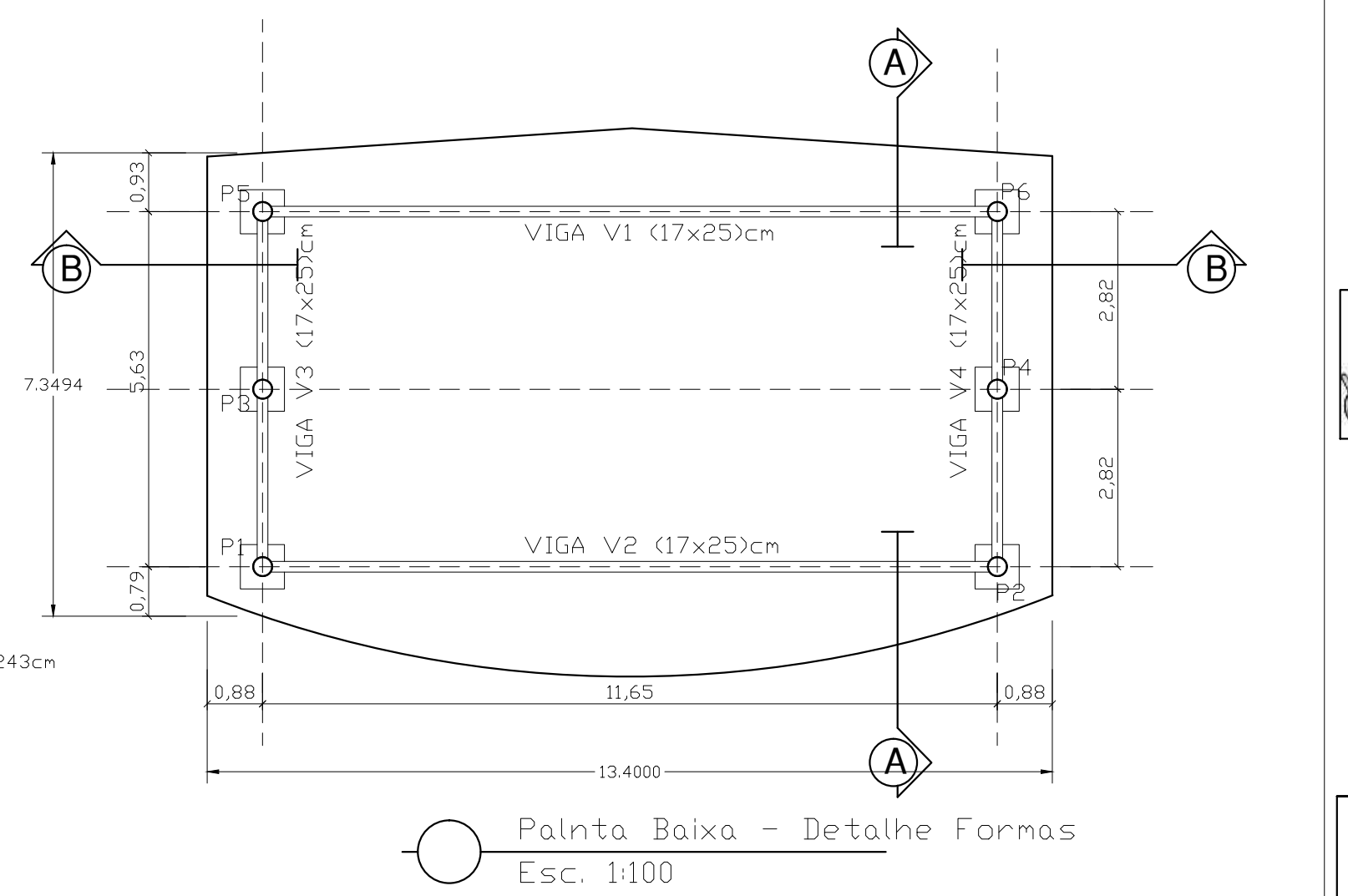
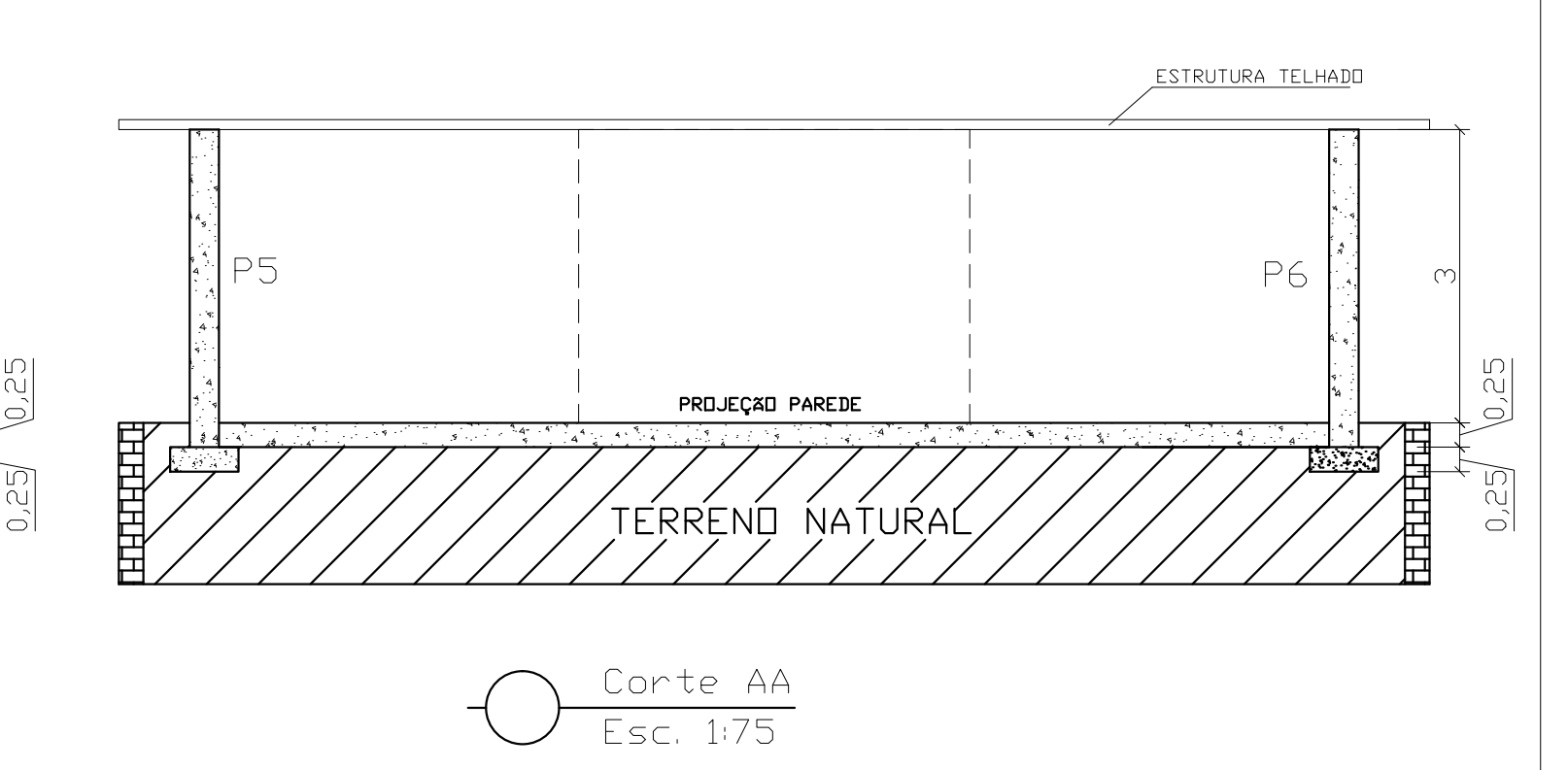
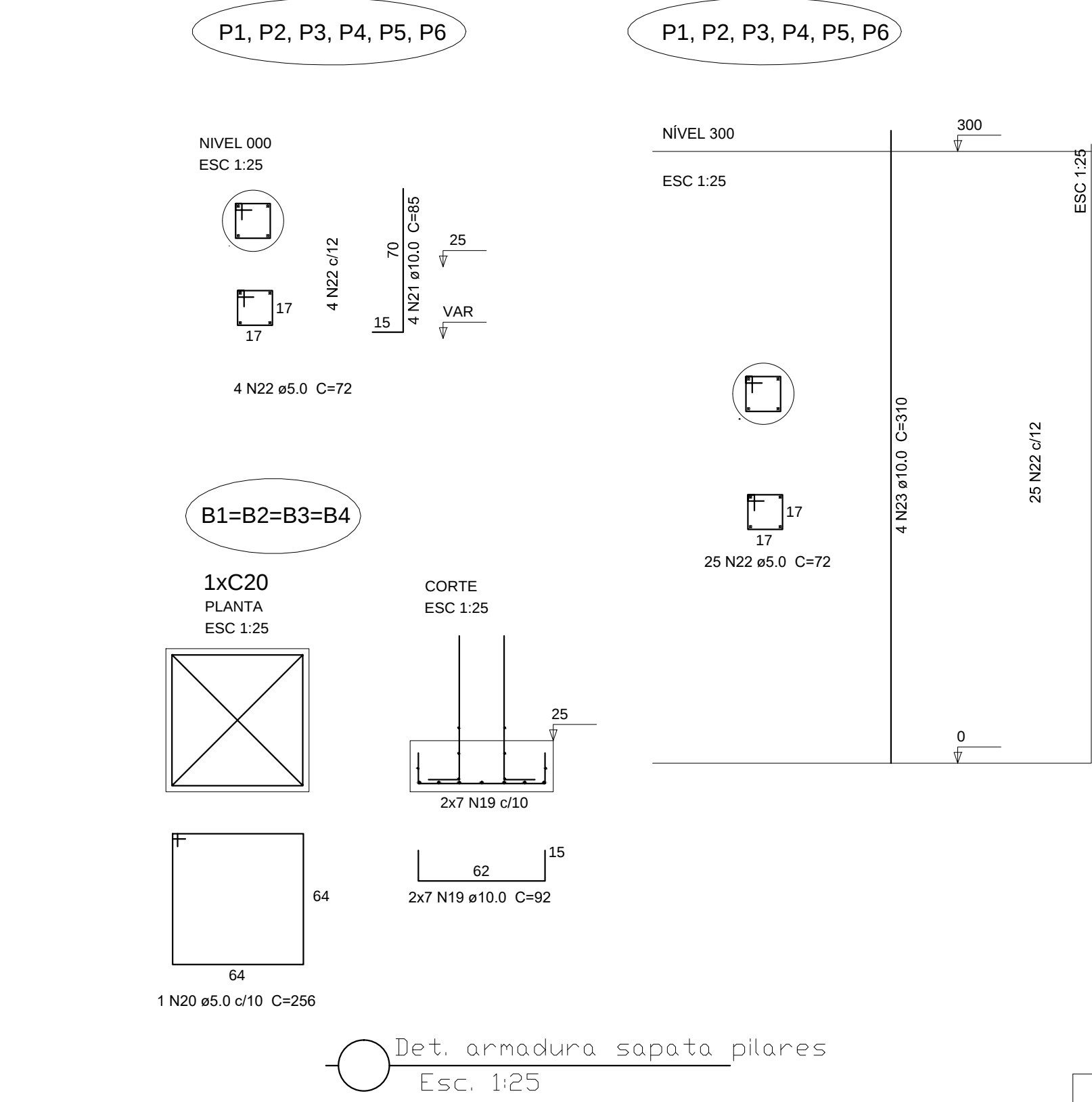
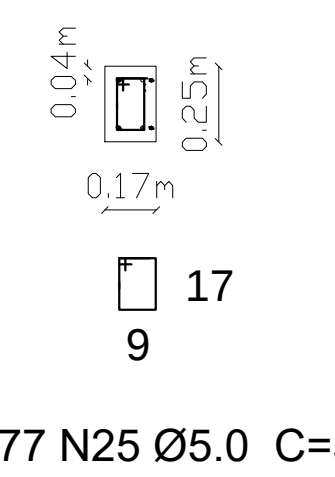




### SEÇÃO B-B ESC 1:25



### SEÇÃO A-A ESC 1:25



| RELAÇÃO DE AÇO                       |       |    |             |        |            |            |
|--------------------------------------|-------|----|-------------|--------|------------|------------|
| Descrição                            | Aço   | N  | DIAM Ø (mm) | Quant. | Comp. (cm) | Total (cm) |
| Radier Palco - horizontal            | CA 50 | 1  | 10,00       | 5      | 1402       | 7010       |
| ///                                  | CA 50 | 2  | 10,00       | 1      | 1267       | 1267       |
| ///                                  | CA 50 | 3  | 10,00       | 1      | 1146       | 1146       |
| ///                                  | CA 50 | 4  | 10,00       | 1      | 1008       | 1008       |
| ///                                  | CA 50 | 5  | 10,00       | 1      | 844        | 844        |
| ///                                  | CA 50 | 6  | 10,00       | 1      | 831        | 831        |
| ///                                  | CA 50 | 7  | 10,00       | 1      | 236        | 236        |
| ///                                  | CA 50 | 8  | 10,00       | 2      | 428        | 856        |
| ///                                  | CA 50 | 9  | 10,00       | 2      | 128        | 256        |
| Radier Palco - Vertical              | CA 50 | 10 | 10,00       | 81     | 240        | 19440      |
| Radier Rampa Palco - Hor.            | CA 50 | 11 | 10,00       | 1      | 618        | 618        |
| ///                                  | CA 50 | 12 | 10,00       | 1      | 893        | 893        |
| ///                                  | CA 50 | 13 | 10,00       | 7      | 1159       | 8113       |
| ///                                  | CA 50 | 14 | 10,00       | 1      | 576        | 576        |
| ///                                  | CA 50 | 15 | 10,00       | 1      | 301        | 301        |
| ///                                  | CA 50 | 16 | 10,00       | 41     | 243        | 9963       |
| Radier Rampa Palco - Vertical        | CA 50 | 17 | 10,00       | 53     | 231        | 12243      |
| ///                                  | CA 50 | 18 | 10,00       | 7      | 973        | 8611       |
| Bloco Pilares P1, P2, P3, P4, P5, P6 | CA 60 | 20 | 5,00        | 6      | 296        | 1776       |
| ///                                  | CA 50 | 21 | 10,00       | 24     | 85         | 2040       |
| Pilares P1, P2, P3, P4, P5, P6       | CA 60 | 22 | 5,00        | 24     | 72         | 1728       |
| ///                                  | CA 60 | 23 | 10,00       | 24     | 300        | 7200       |
| Vigas V1, V2                         | CA 60 | 24 | 8,00        | 16     | 1211       | 19376      |
| ///                                  | CA 60 | 25 | 5,00        | 154    | 52         | 8008       |
| Vigas V3, V4                         | CA 60 | 25 | 5,00        | 82     | 52         | 4264       |
| ///                                  | CA 60 | 26 | 8,00        | 16     | 617        | 9872       |
| Armadura Bloco de Concreto Palco     | CA 60 | 27 | 8,00        | 40     | 150        | 6000       |
| Armadura Bloco de Concreto Rampa     | CA 60 | 28 | 8,00        | 16     | 165        | 2640       |
| ///                                  | CA 60 | 29 | 8,00        | 16     | 93         | 1488       |
| Armadura Bloco de Concreto Parede    | CA 60 | 30 | 8,00        | 12     | 300        | 3600       |

| RESUMO DE AÇO |             |                 |           |                 |
|---------------|-------------|-----------------|-----------|-----------------|
| Aço           | DIAM Ø (mm) | Peso Aço (kg/m) | Comp. (m) | Total +10% (kg) |
| CA 60         | 5,00        | 0,154           | 265,76    | 45,02           |
| CA 60         | 8,00        | 0,395           | 429,76    | 168,73          |
| CA 50         | 10,00       | 0,617           | 891,80    | 605,26          |



**PREFEITURA MUNICIPAL DE ROSÁRIO DO SUL**  
ESTADO DO RIO GRANDE DO SUL – BRASIL  
SECRETARIA MUNICIPAL DE OBRAS, VIAÇÃO, TRÂNSITO E TRANSPORTE  
DEPARTAMENTO DE ENGENHARIA

**PROJETO:**  
REVITALIZAÇÃO E URBANIZAÇÃO DA PRAIA DAS AREIAS BRANCAS  
REFORMA PALCO

**PRANCHA:**  
ESTRUTURAL VIGAS, PILARES E RADIER

**ENDEREÇO:**  
Rua Vereador Adil Bentes, Bairro Areias Brancas

**RESP. TÉCNICO:**  
Arg.º e Urb.º Bruna Fagundes  
CAU: A155895-1 | PORT. Nº 970/2019

**DATA:**  
NOVEMBRO/ 2019

**ÁREA:**  
140,00m²

**ESCALA:**  
INDICADA

**PROPRIETÁRIO:**  
ZILASE JOBIM ARGEMI ROSIGNOLLO - PREFEITA MUNICIPAL  
PREFEITURA MUNICIPAL DE ROSÁRIO DO SUL

**PRANCHA:**  
3'