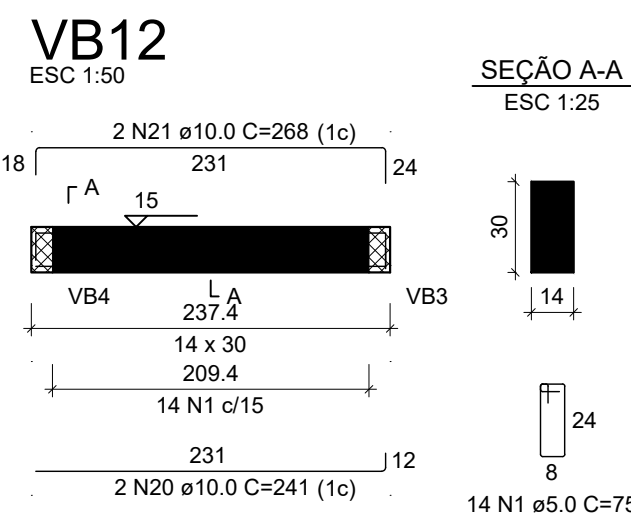
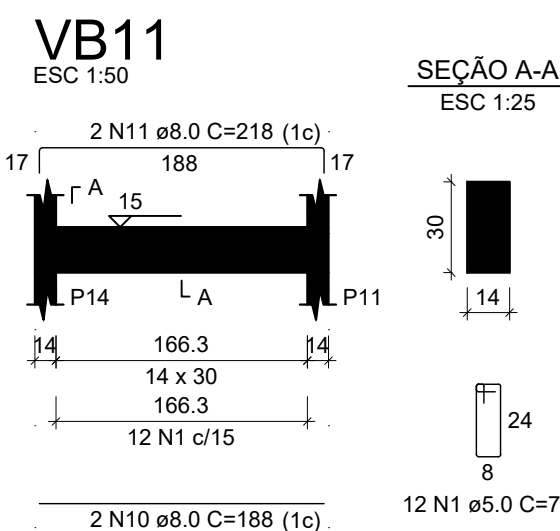
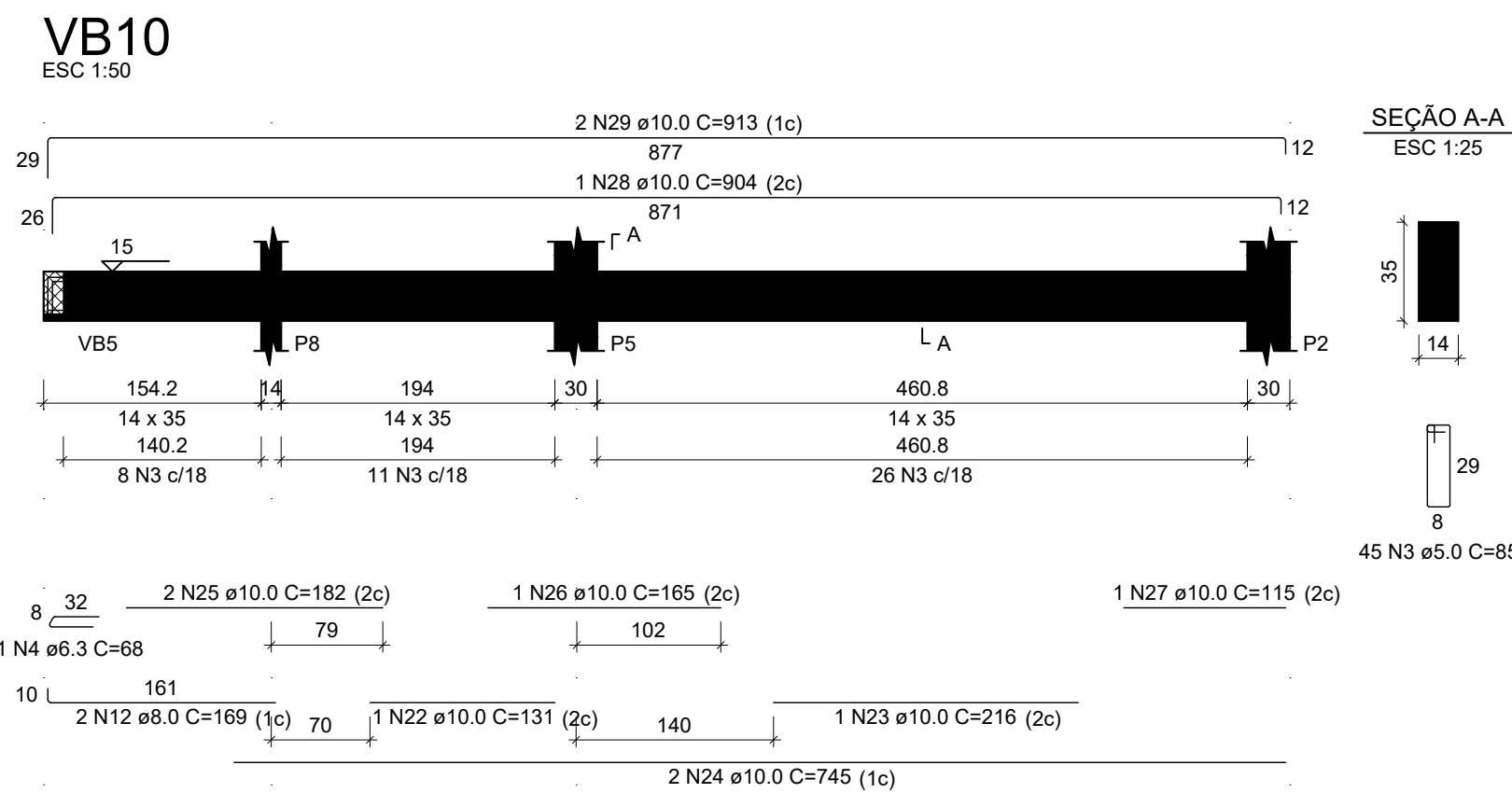
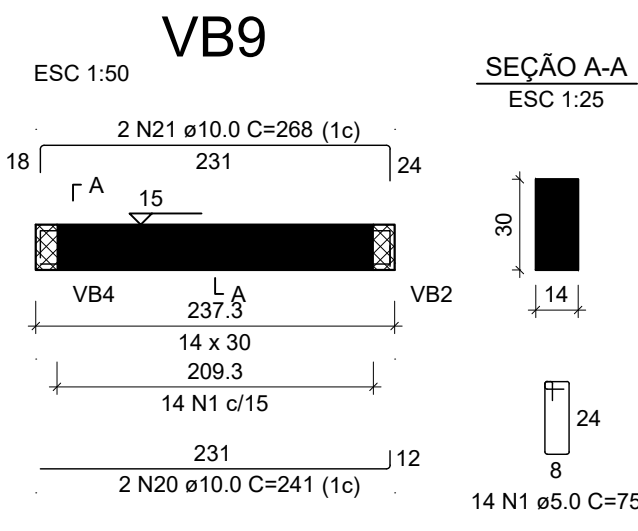
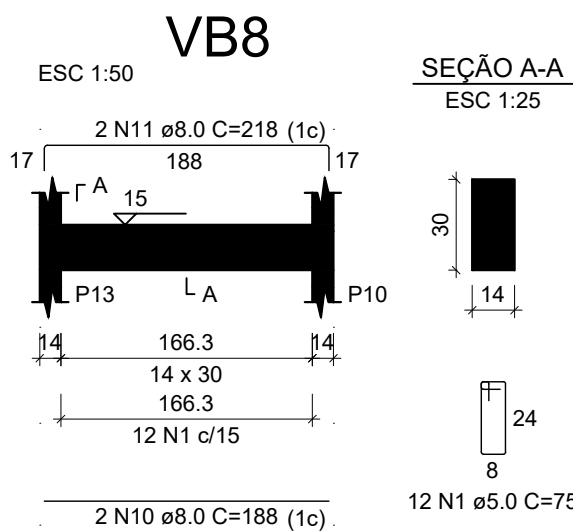
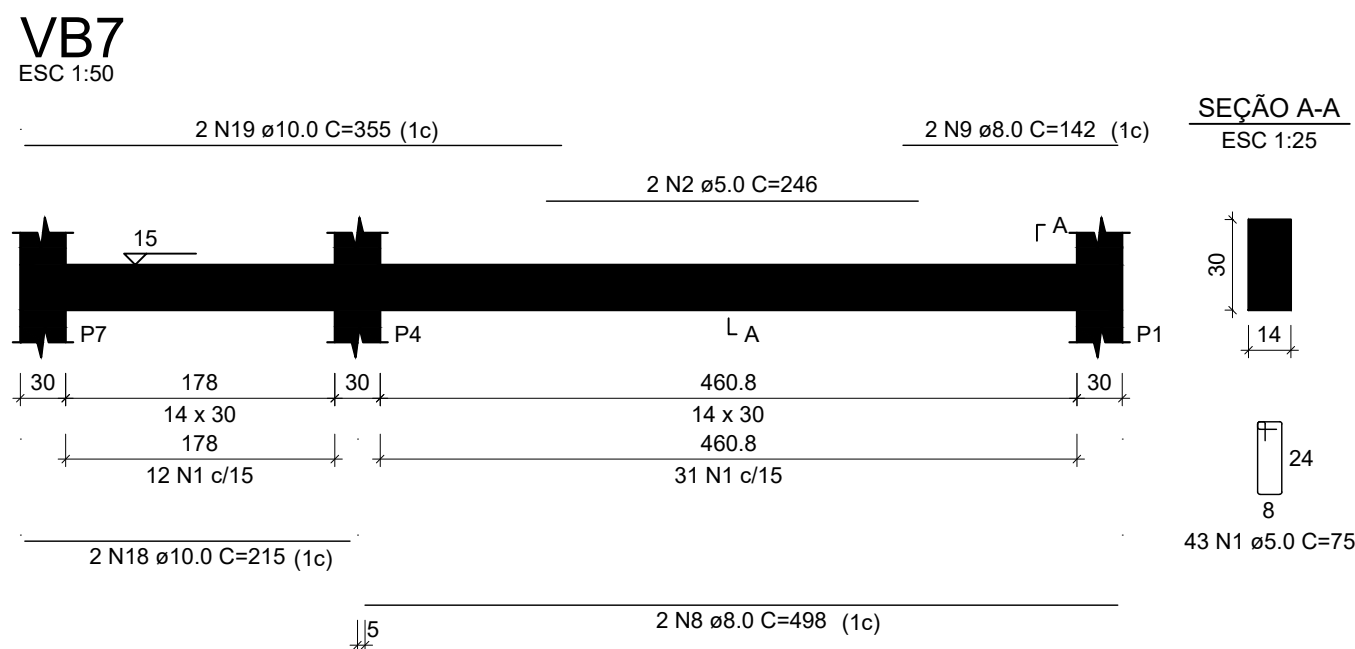
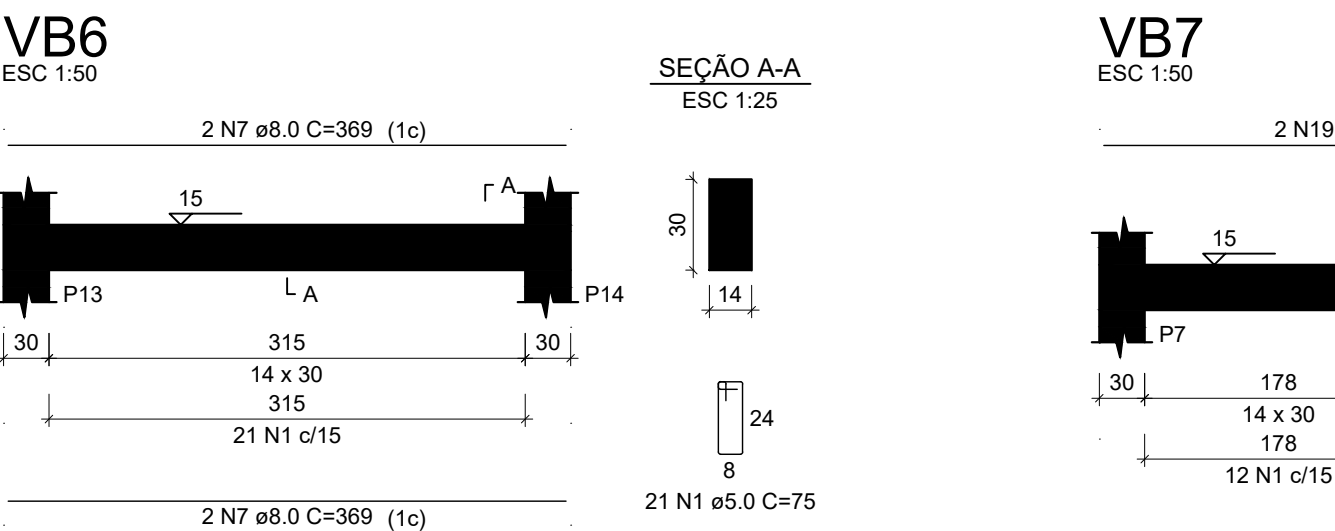
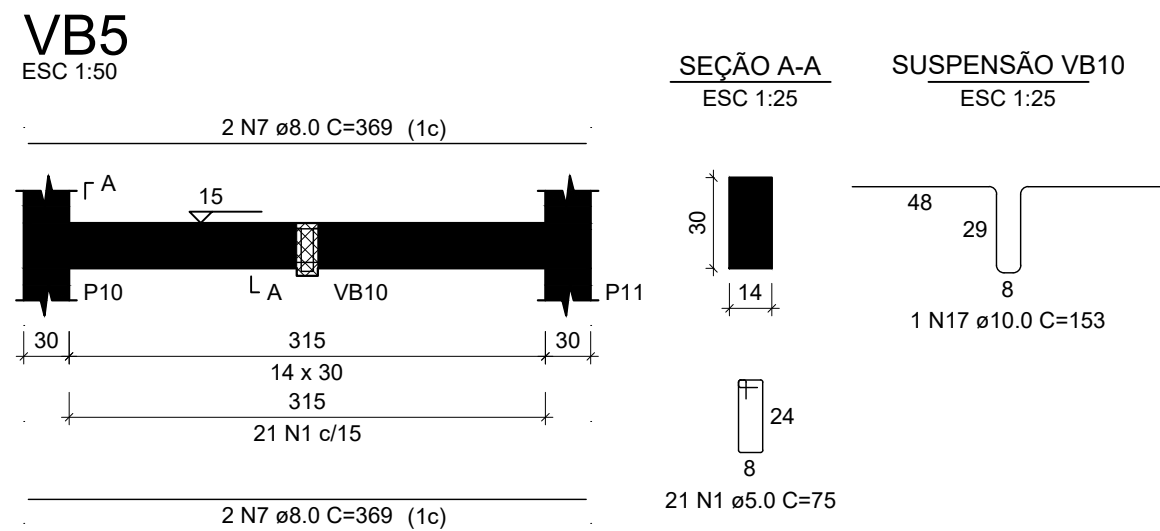
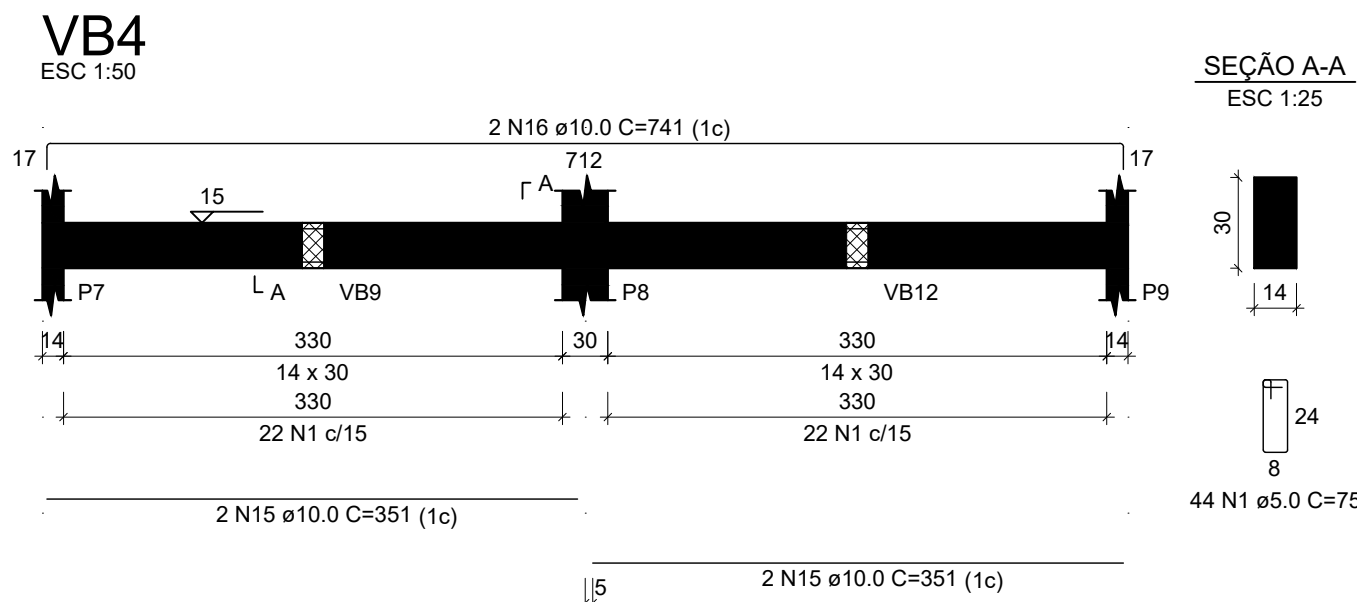
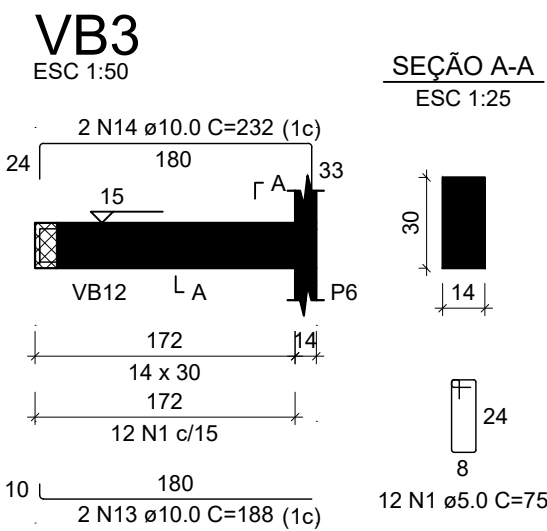
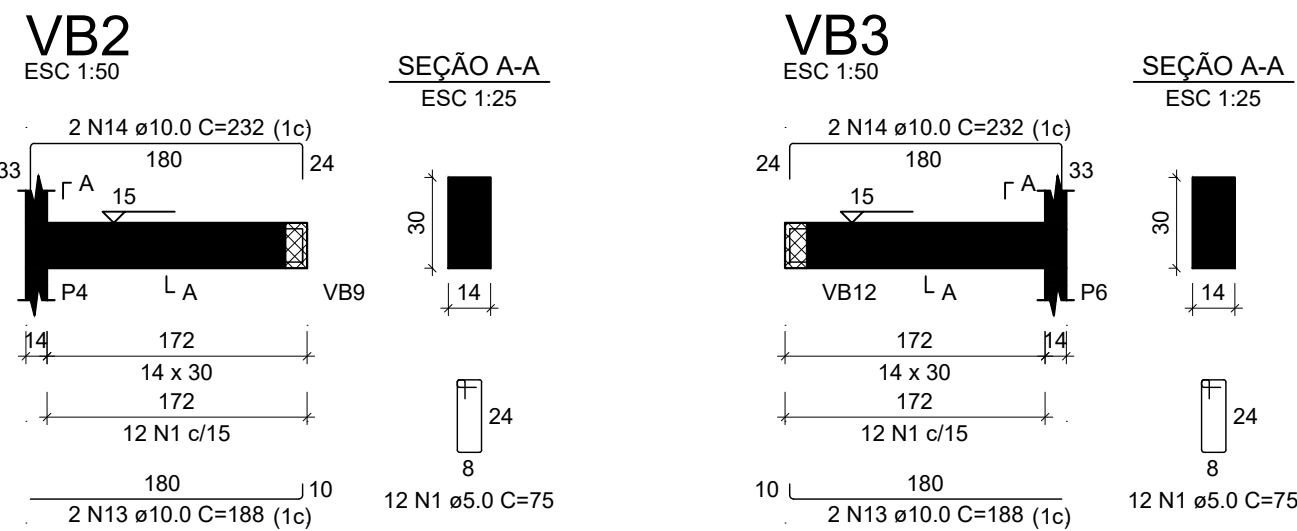
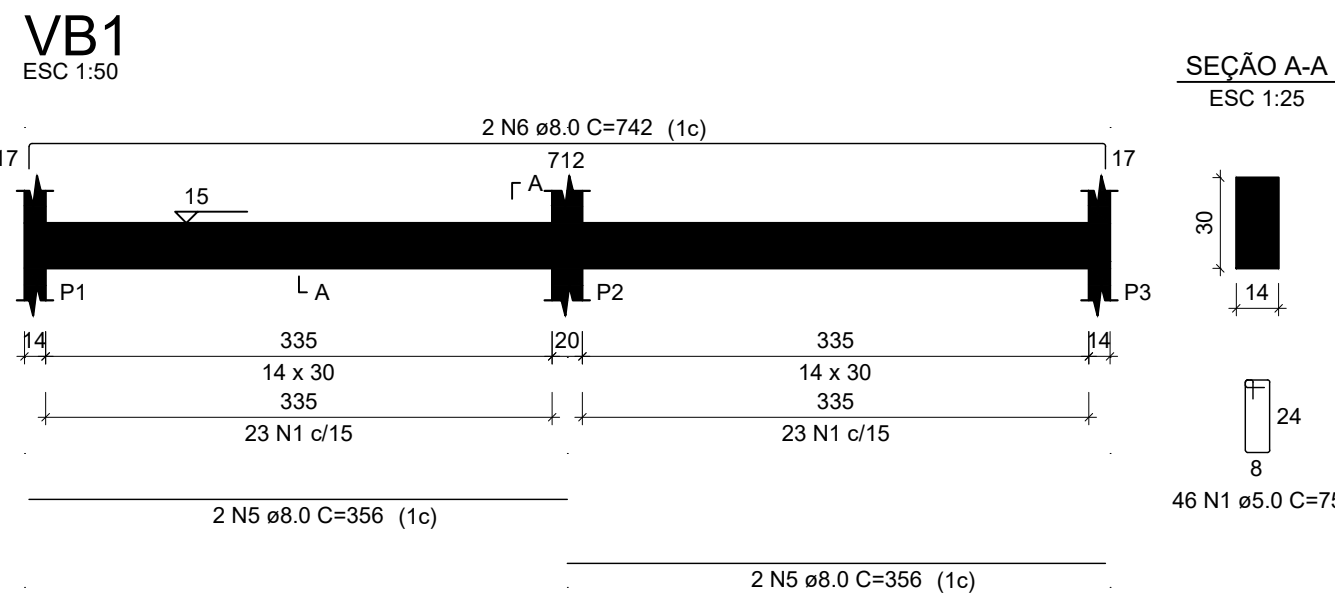
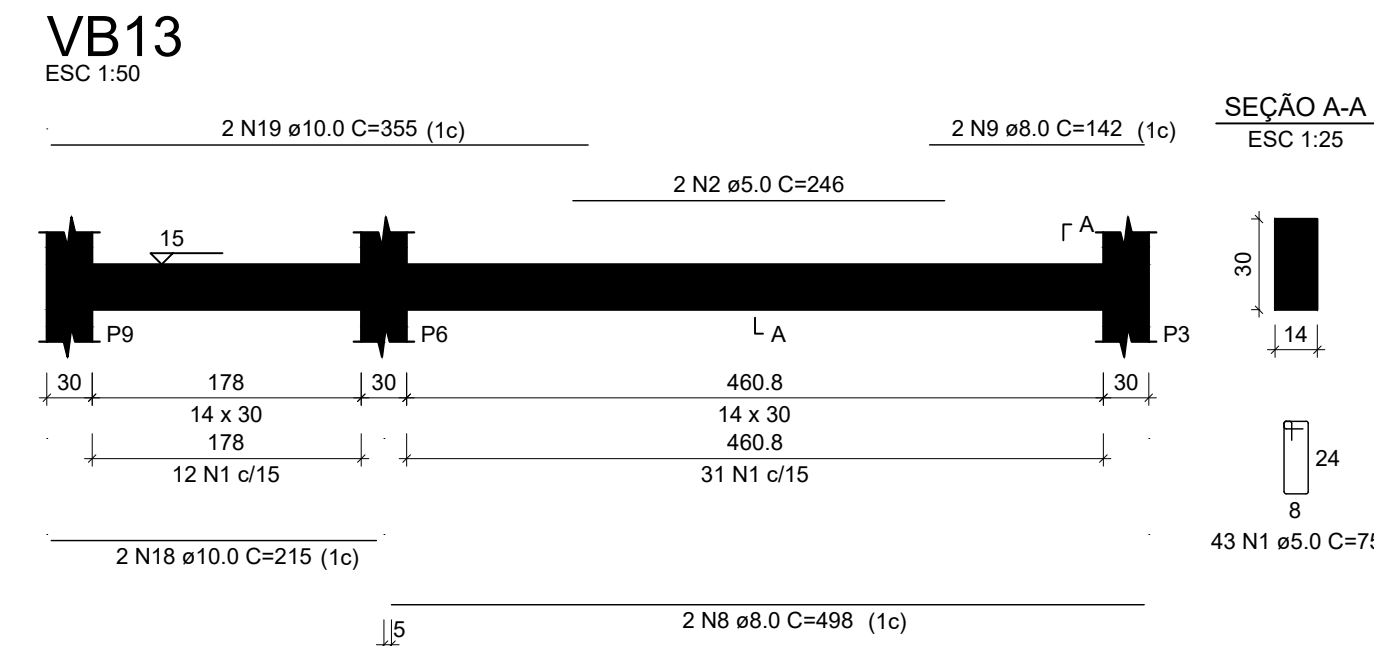




| RELAÇÃO DO AÇO |    |           |       |             |              |
|----------------|----|-----------|-------|-------------|--------------|
| AÇO            | N  | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
| CA60           | 1  | 5.0       | 294   | 7.5         | 22050        |
|                | 2  | 5.0       | 4     | 246         | 984          |
| CA50           | 3  | 5.0       | 45    | 85          | 3825         |
|                | 4  | 6.3       | 1     | 68          | 68           |
|                | 5  | 8.0       | 4     | 356         | 1424         |
|                | 6  | 8.0       | 2     | 742         | 1484         |
|                | 7  | 8.0       | 8     | 369         | 2952         |
|                | 8  | 8.0       | 4     | 498         | 1992         |
|                | 9  | 8.0       | 4     | 142         | 568          |
|                | 10 | 8.0       | 4     | 188         | 752          |
|                | 11 | 8.0       | 4     | 218         | 872          |
|                | 12 | 8.0       | 2     | 169         | 338          |
|                | 13 | 10.0      | 4     | 188         | 752          |
|                | 14 | 10.0      | 4     | 232         | 928          |
|                | 15 | 10.0      | 4     | 351         | 1404         |
|                | 16 | 10.0      | 2     | 741         | 1482         |
|                | 17 | 10.0      | 1     | 153         | 153          |
|                | 18 | 10.0      | 4     | 215         | 860          |
|                | 19 | 10.0      | 4     | 355         | 1420         |
|                | 20 | 10.0      | 4     | 241         | 964          |
|                | 21 | 10.0      | 4     | 266         | 1072         |
|                | 22 | 10.0      | 1     | 131         | 131          |
|                | 23 | 10.0      | 1     | 216         | 216          |
|                | 24 | 10.0      | 2     | 745         | 1490         |
|                | 25 | 10.0      | 2     | 182         | 364          |
|                | 26 | 10.0      | 1     | 165         | 165          |
|                | 27 | 10.0      | 1     | 115         | 115          |
|                | 28 | 10.0      | 1     | 904         | 904          |
|                | 29 | 10.0      | 2     | 913         | 1826         |

| RESUMO DO AÇO   |           |             |                 |
|-----------------|-----------|-------------|-----------------|
| AÇO             | DIAM (mm) | C.TOTAL (m) | PESO + 10% (kg) |
| CA50            | 6.3       | 0.7         | 0.2             |
|                 | 8.0       | 103.8       | 45.1            |
|                 | 10.0      | 142.5       | 66.6            |
| CA60            | 5.0       | 268.6       | 45.5            |
| PESO TOTAL (kg) |           |             |                 |
| CA50            | 141.9     |             |                 |
| CA60            | 45.5      |             |                 |

Volume de concreto (C-30) = 2.48 m³  
Área de forma = 43.52 m²



|                                                                        |                    |                                                                                                            |                                |
|------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------|--------------------------------|
| REVISÃO                                                                |                    | DISCRIMINAÇÃO                                                                                              | DATA                           |
| PREFEITURA                                                             |                    |                                                                                                            |                                |
| CAU/CREA                                                               |                    | DECLARAÇÕES:                                                                                               |                                |
|                                                                        |                    | QUE DEVERA SER MANTIDA PARA FISCALIZACAO NA OBRA UMA VIA DESTA DOCUMENTO E O RESPECTIVO ALVARÁ DE LICENCA. |                                |
| PROPRIETÁRIO: PREFEITURA MUNICIPAL DE ARAGUARI                         |                    |                                                                                                            |                                |
| TÍTULO: PROJETO ESTRUTURAL - BANHEIRO, ARENA MULTIUSO.                 |                    |                                                                                                            |                                |
| LOCAL: RUA DOS CARVALHOS, BAIRRO SÃO SEBASTIÃO, ARAGUARI - MG.         |                    |                                                                                                            |                                |
| ASSINATURAS                                                            |                    |                                                                                                            |                                |
| PROPRIETÁRIO: PREFEITURA MUNICIPAL DE ARAGUARI<br>CNPJ: 16829640000149 |                    |                                                                                                            |                                |
| RESPONSÁVEL TÉCNICO: JOÃO PAULO DE ALMEIDA JACINTO<br>CREA 100659/D    |                    |                                                                                                            |                                |
| ART EXECUÇÃO:                                                          |                    |                                                                                                            |                                |
| CONTEUDO: - VIGAS BALDRAME                                             |                    | FOLHA                                                                                                      |                                |
|                                                                        |                    | 03/09                                                                                                      |                                |
| DESENHO<br>JOÃO PAULO                                                  | DATA<br>JUNHO/2021 | ESCALA<br>INDICADA                                                                                         | ARQUIVO<br>PROJETOBANHEIRO.DWG |