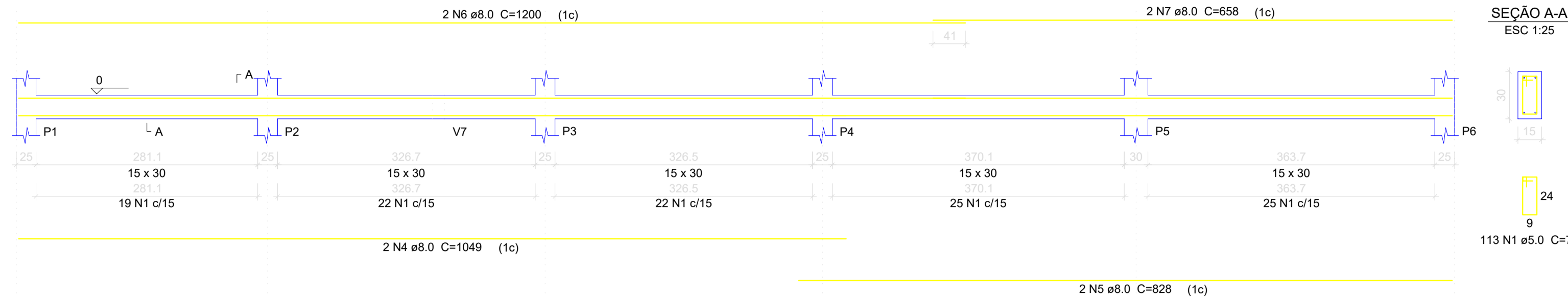
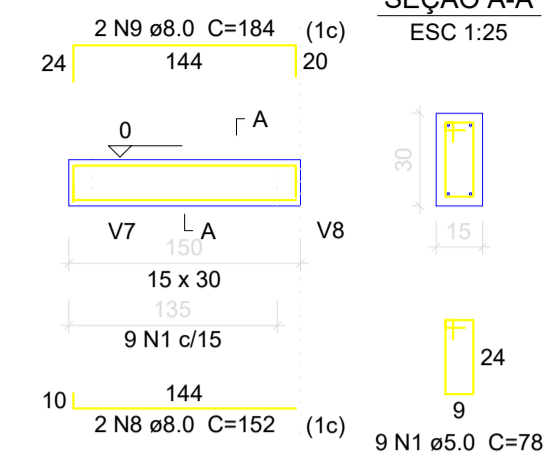


V1  
ESC 1:50



V2  
ESC 1:50



Relação do aço

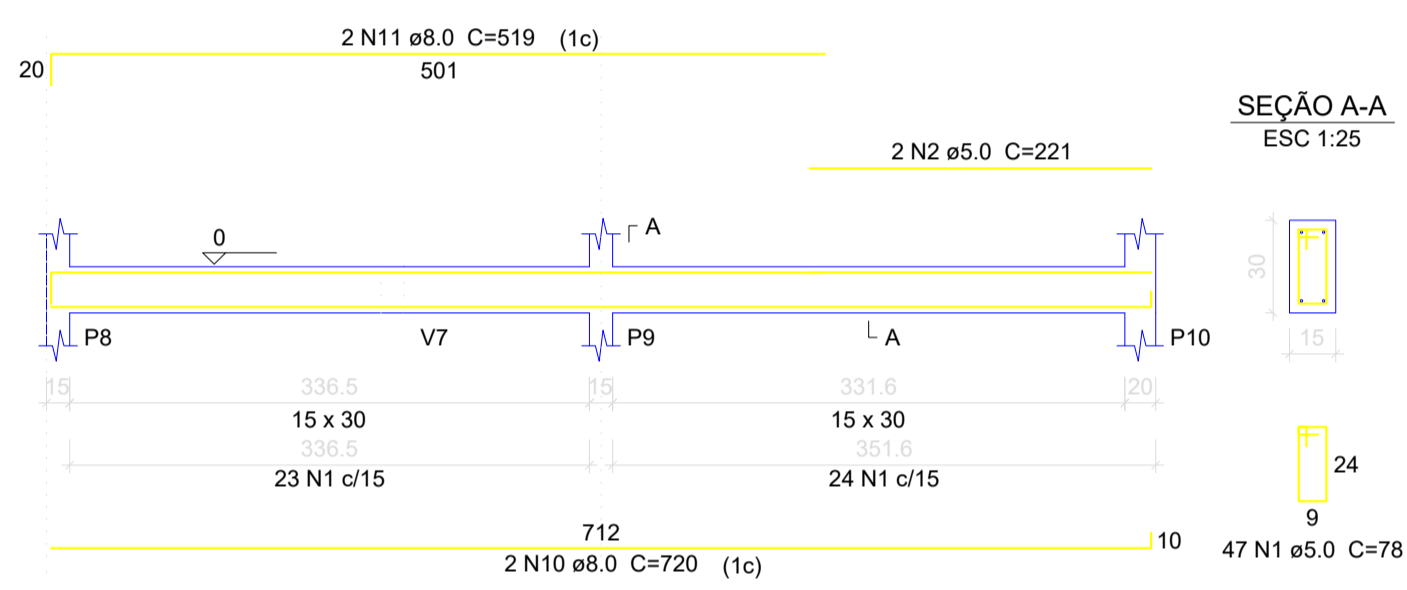
| ÁÇO  | N  | DIAM | Q   | UNIT (cm) | C.TOTAL (cm) |
|------|----|------|-----|-----------|--------------|
| CA60 | 1  | 5.0  | 543 | 78        | 42354        |
|      | 2  | 5.0  | 2   | 221       | 442          |
|      | 3  | 5.0  | 2   | 300       | 600          |
| CA50 | 4  | 8.0  | 4   | 1049      | 4196         |
|      | 5  | 8.0  | 2   | 828       | 1556         |
|      | 6  | 8.0  | 4   | 1200      | 4800         |
|      | 7  | 8.0  | 4   | 658       | 2632         |
|      | 8  | 8.0  | 2   | 152       | 304          |
|      | 9  | 8.0  | 2   | 184       | 368          |
|      | 10 | 8.0  | 2   | 720       | 1440         |
|      | 11 | 8.0  | 2   | 519       | 1038         |
|      | 12 | 8.0  | 2   | 796       | 1592         |
|      | 13 | 8.0  | 8   | 830       | 6640         |
|      | 14 | 8.0  | 4   | 850       | 3400         |
|      | 15 | 8.0  | 2   | 855       | 1710         |
|      | 16 | 8.0  | 2   | 419       | 838          |
|      | 17 | 8.0  | 4   | 88        | 352          |
|      | 18 | 8.0  | 2   | 427       | 854          |
|      | 19 | 8.0  | 2   | 452       | 904          |
|      | 20 | 8.0  | 2   | 861       | 1722         |

Resumo do aço

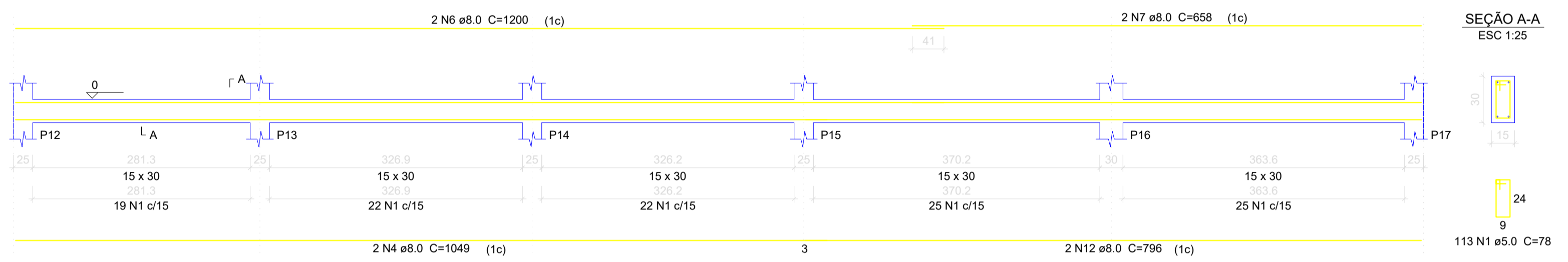
| ÁÇO               | DIAM | C.TOTAL (m) | PESO + 10 % (kg) |
|-------------------|------|-------------|------------------|
| CA50              | 8.0  | 344.5       | 149.5            |
| CA60              | 5.0  | 434         | 73.6             |
| <b>PESO TOTAL</b> |      |             |                  |
| CA50              |      | 149.5       |                  |
| CA60              |      | 73.6        |                  |

Vol. de concreto total (C-25) = 3.89 m³  
Área de forma total = 64.82 m²

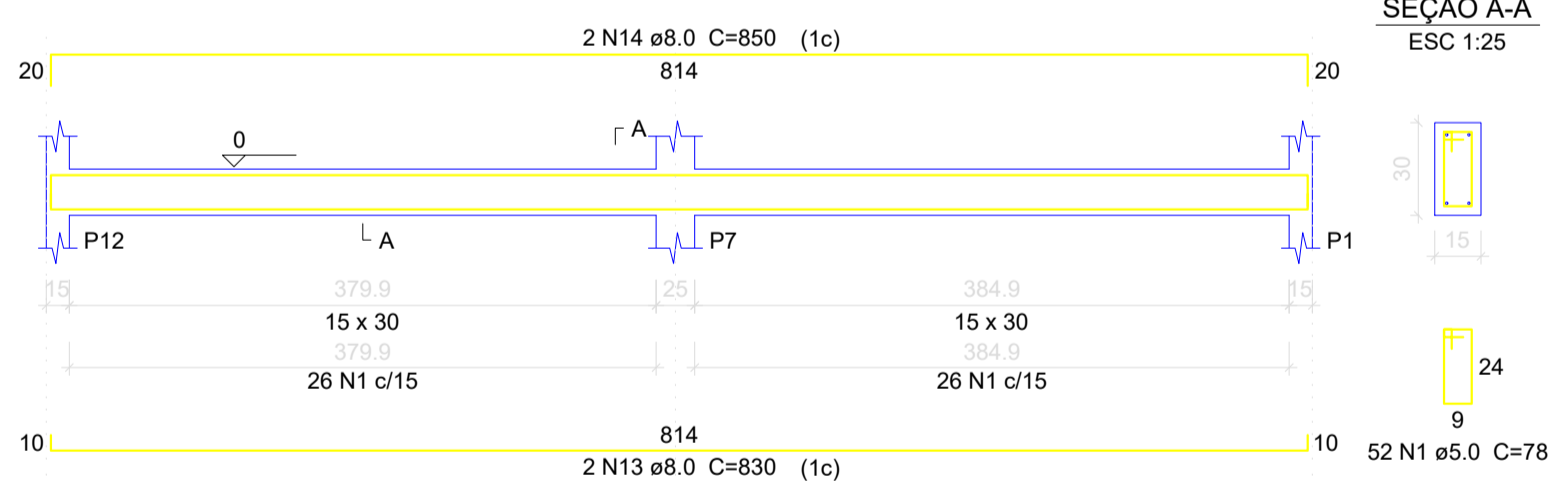
V3  
ESC 1:50



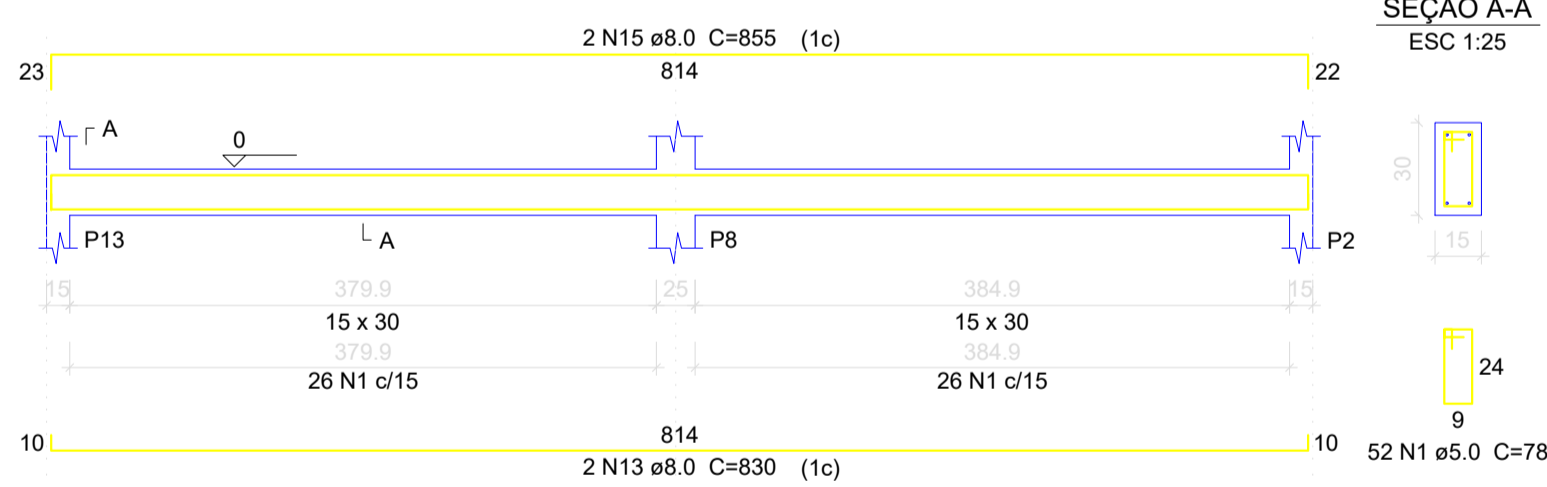
V4  
ESC 1:50



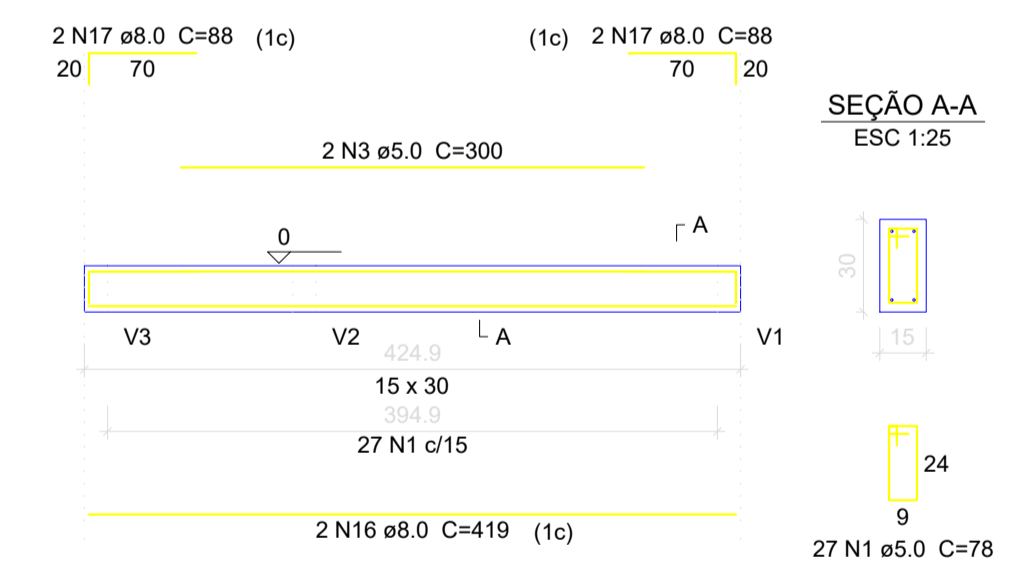
V5  
ESC 1:50



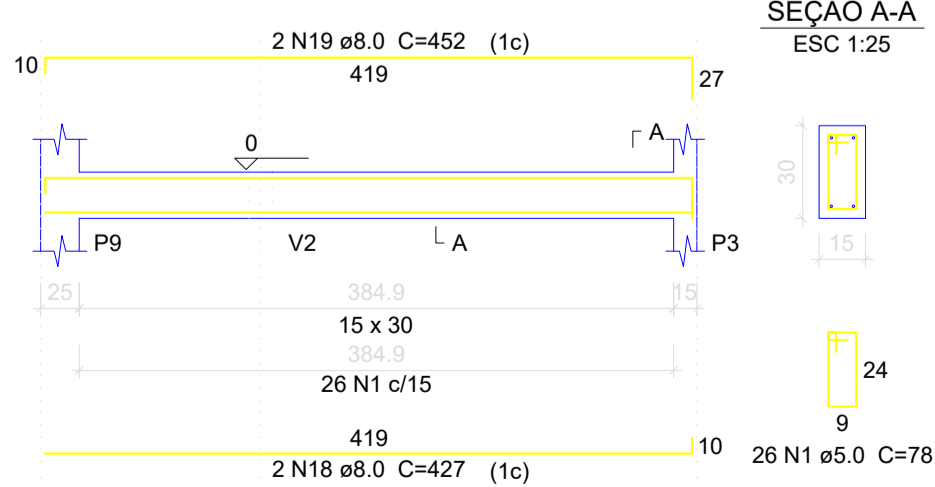
V6  
ESC 1:50



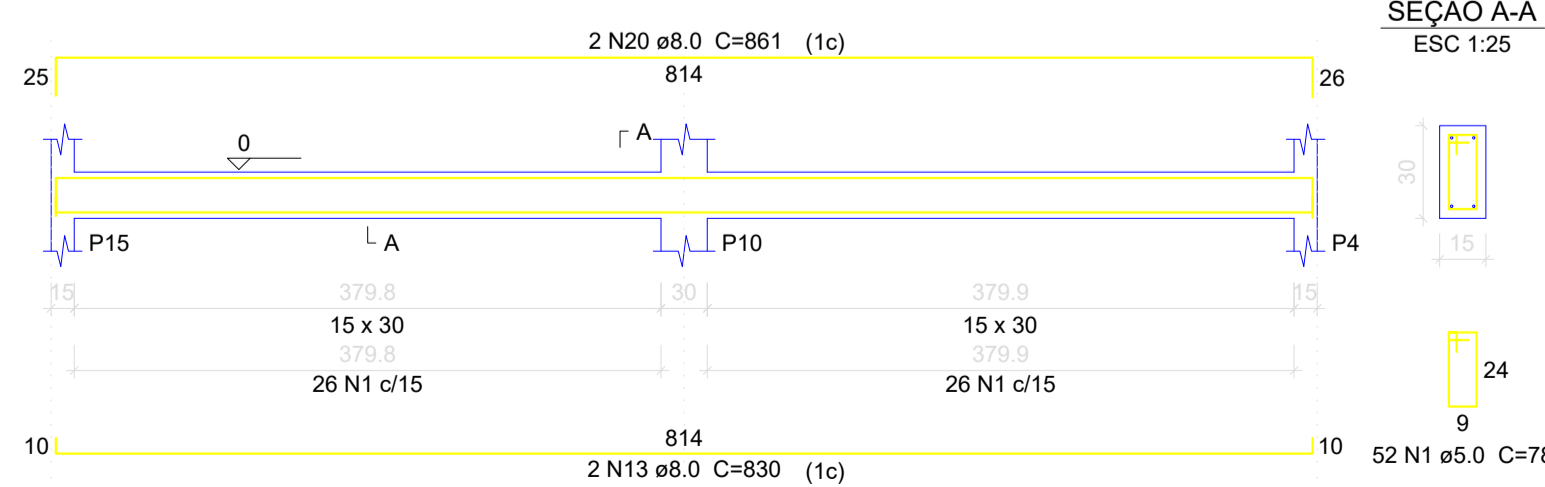
V7  
ESC 1:50



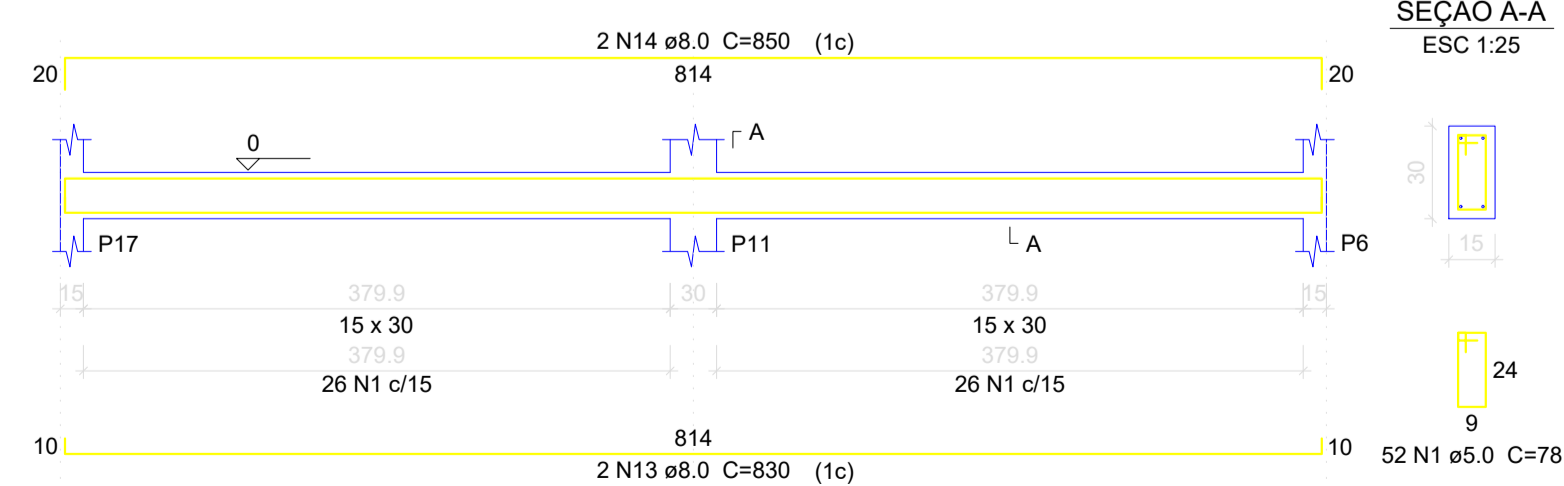
V8  
ESC 1:50



V9  
ESC 1:50



V10  
ESC 1:50



|  |  |  |
|--|--|--|
|  |  | CLIENTE<br><b>UNIVERSIDADE ESTADUAL DE MATO GROSSO DO SUL</b>                            |
| TÍTULO<br><b>Herbário - Mundo Novo</b>                         |  | PROJETO<br><b>ESTRUTURAL</b>   |
| LOCAL:<br><b>BR 163 MUNDO NOVO - MS</b>                        |  |  |
| AUTOR DO PROJETO:<br><b>WAGNER LUIZ MANARA - CREA 27.190/D</b> |  | PROPRIETÁRIO:<br>UNIVERSIDADE ESTADUAL DE MATO GROSSO DO SUL<br>CNPJ: 86.891.363/0001-80 |
| REFERÊNCIA:<br><b>VICAS</b>                                    |  |  |
| ESCALA:<br>INDICADAS   |  | DATA:<br><b>14/02/2020</b>   |
| UNIDADE:<br>METRO  |  | DESENHO:<br>TIAGO  |
| ARQUIVO:<br>Estrutural Completo                                |  | REVISÃO:<br>ROD  |
| FOLHA Nº / AP<br><b>03 / 11</b>                                |  | ARQ-AP   |