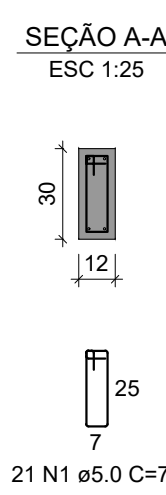
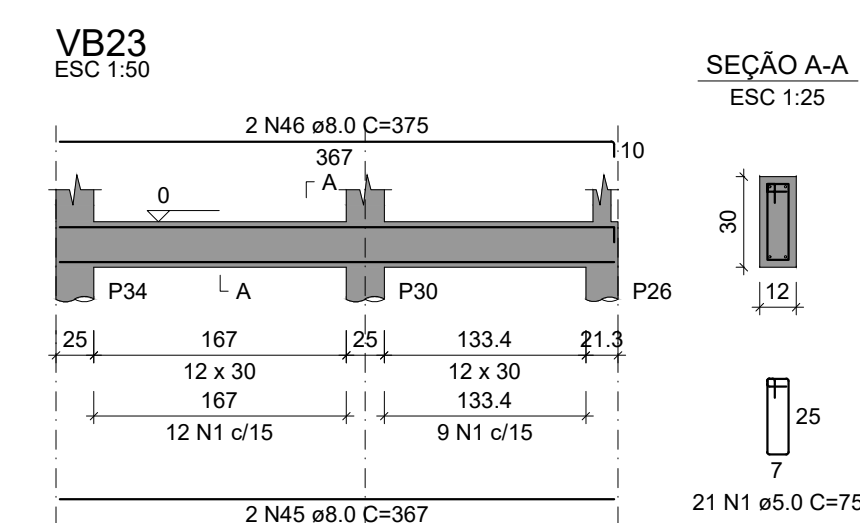
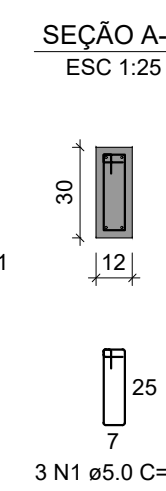
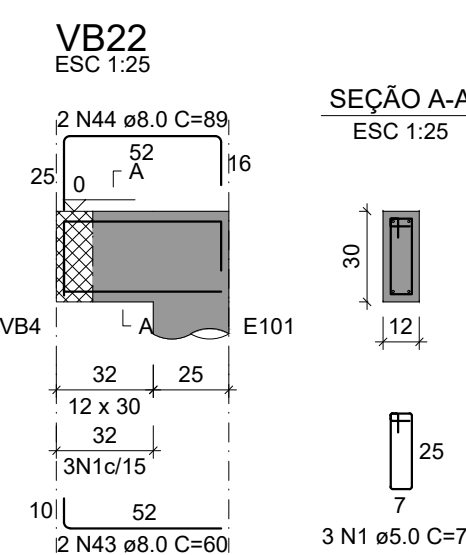
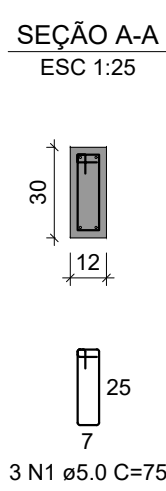
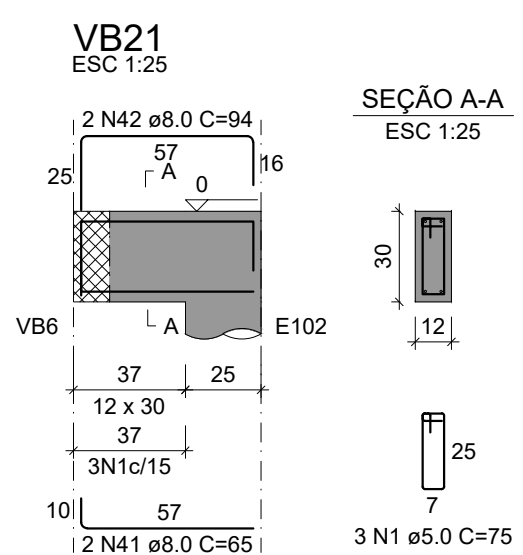
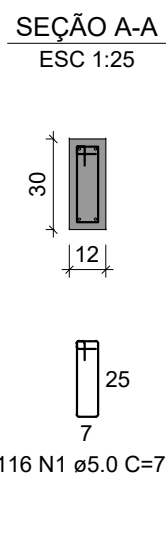
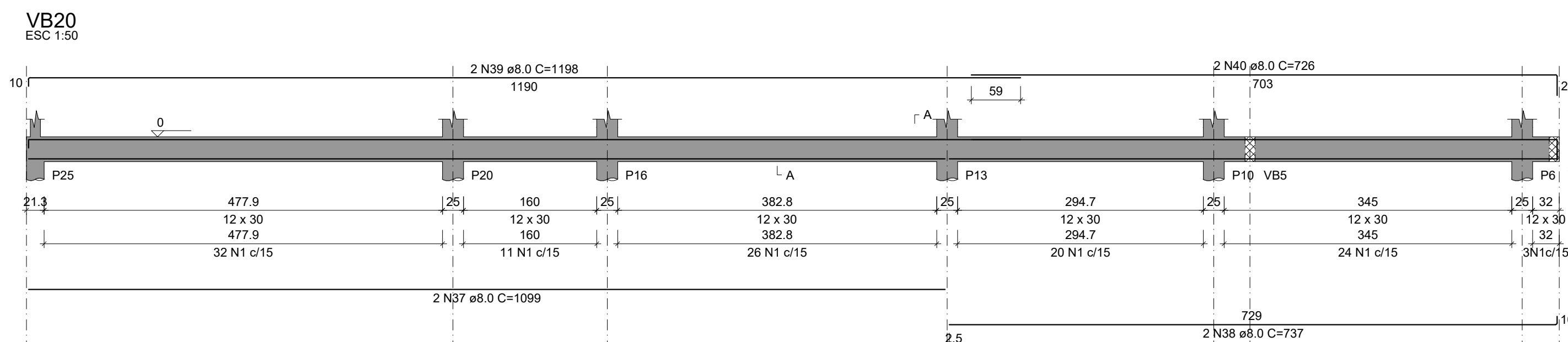
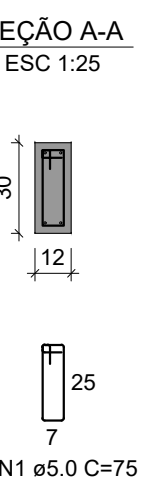
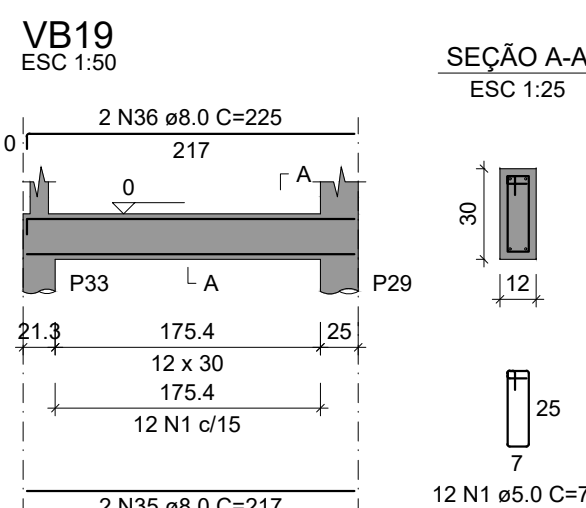
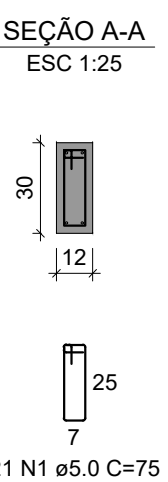
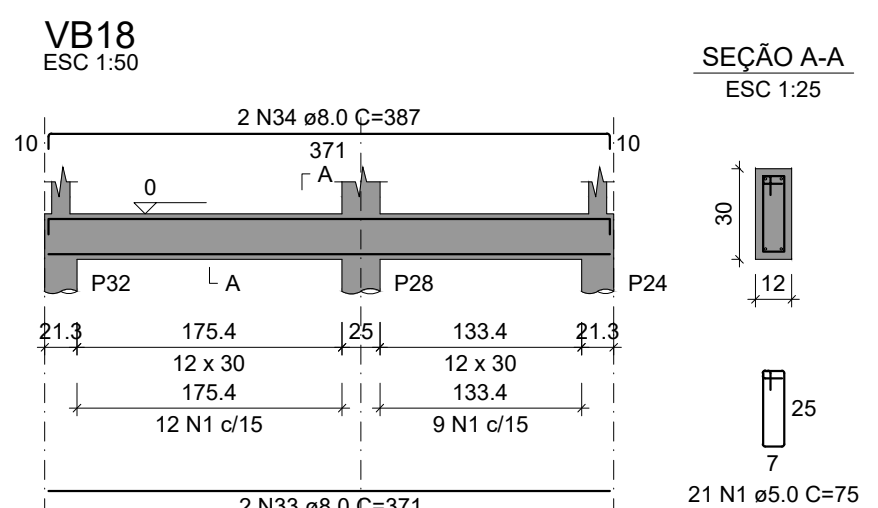
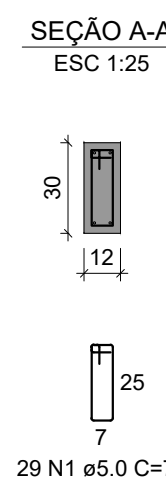
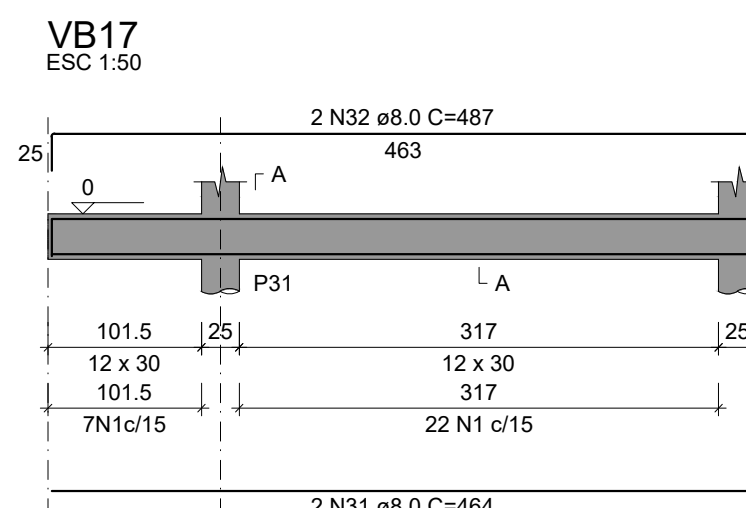
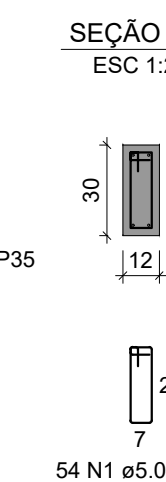
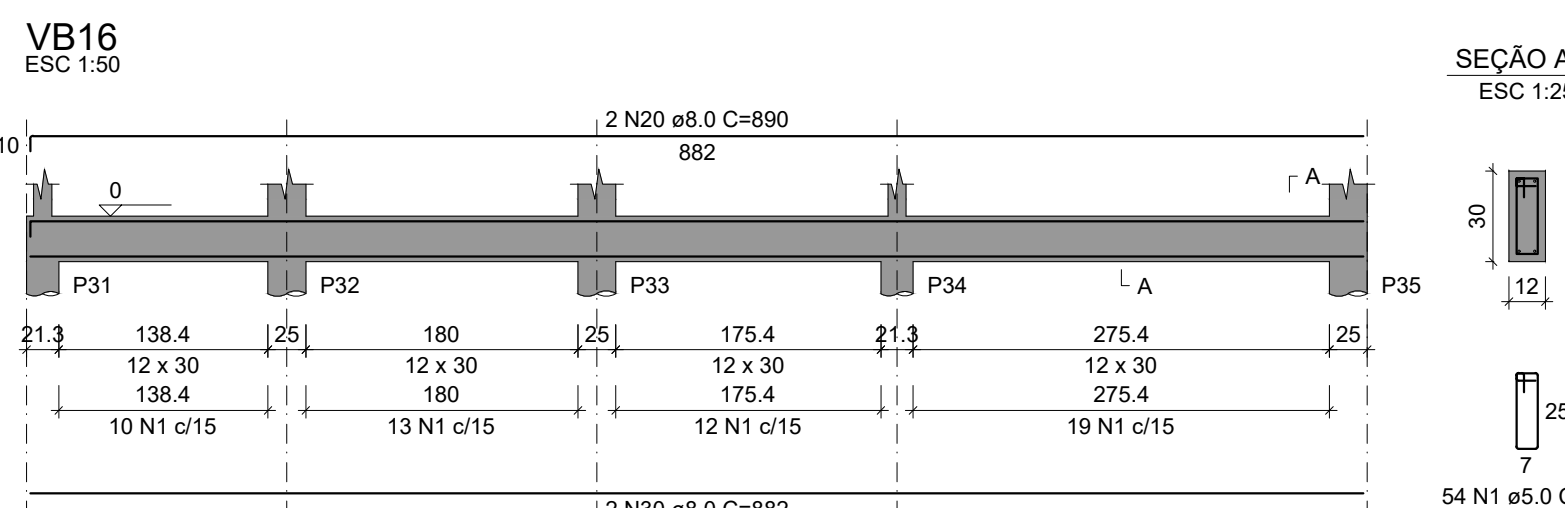
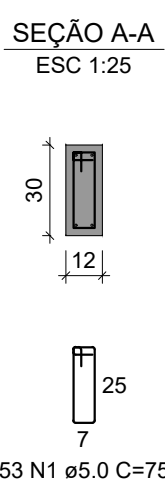
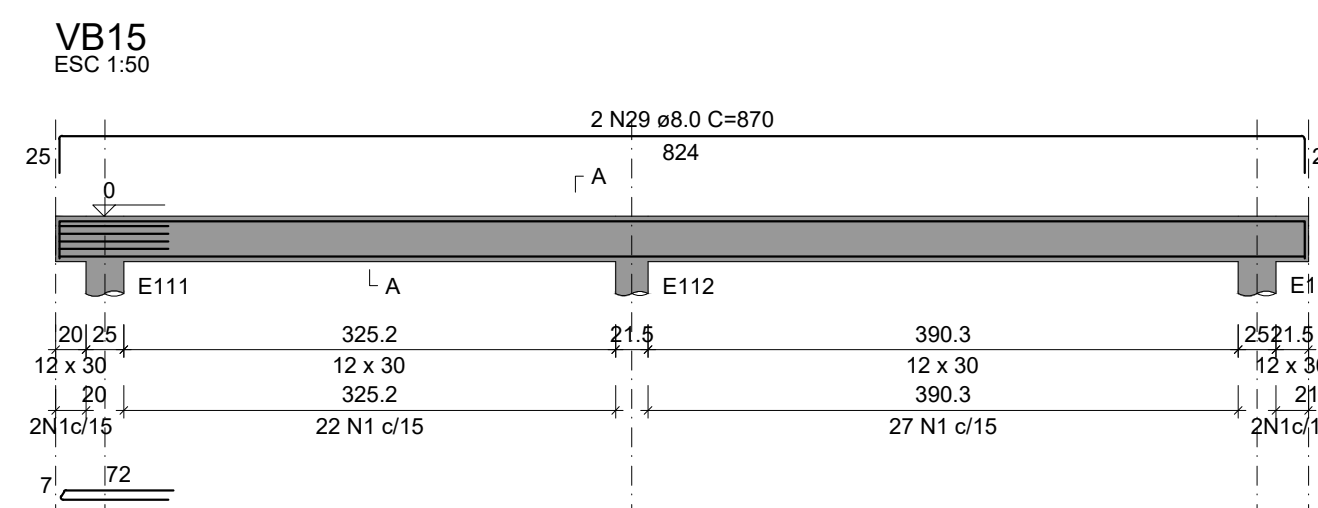
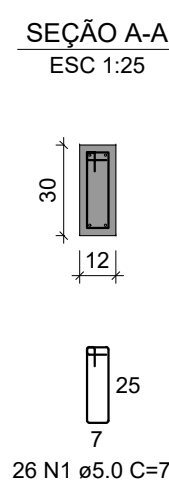
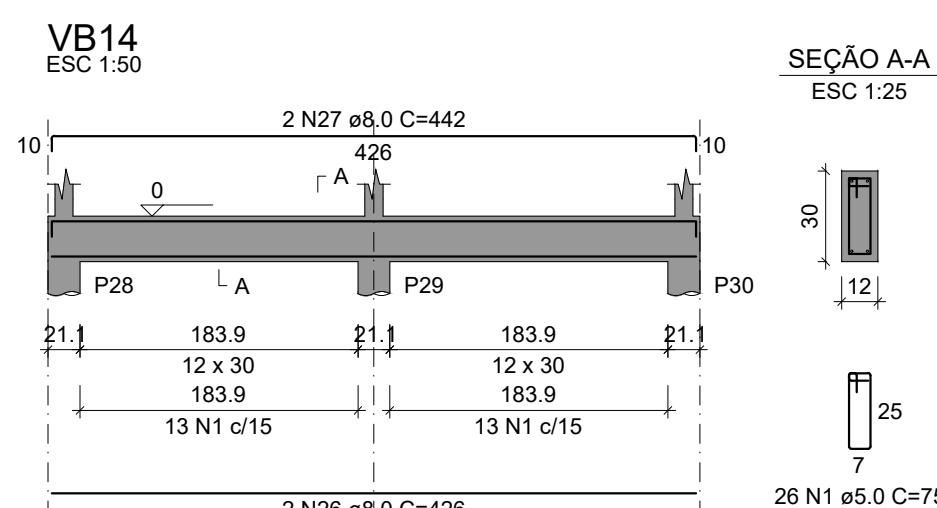
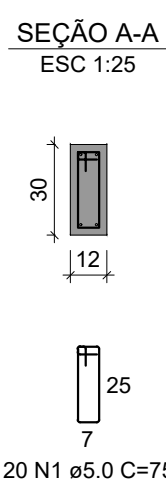
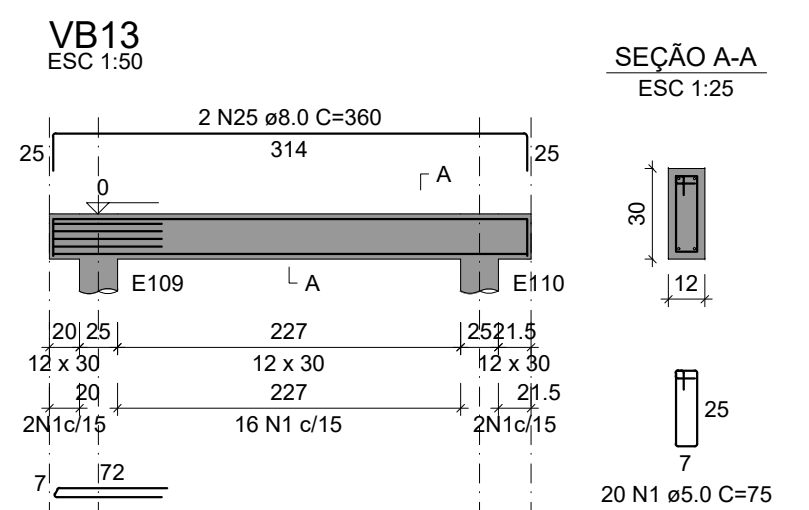
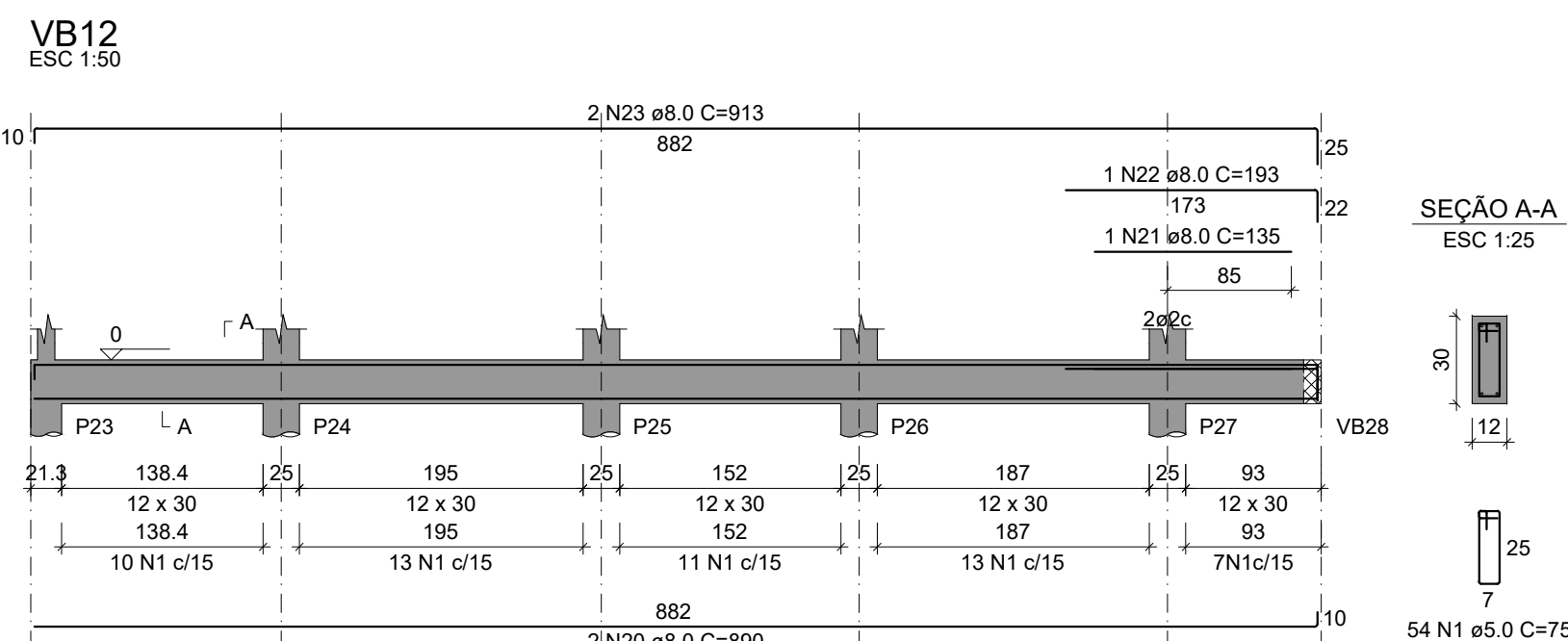
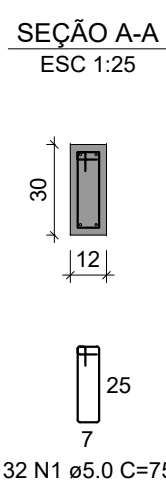
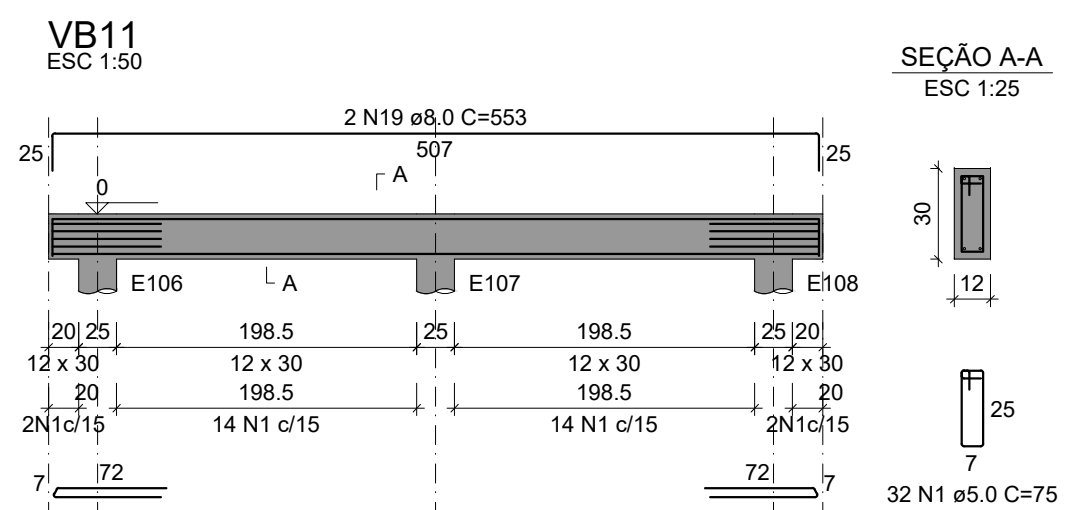
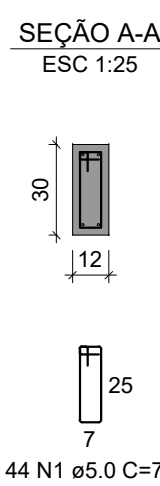
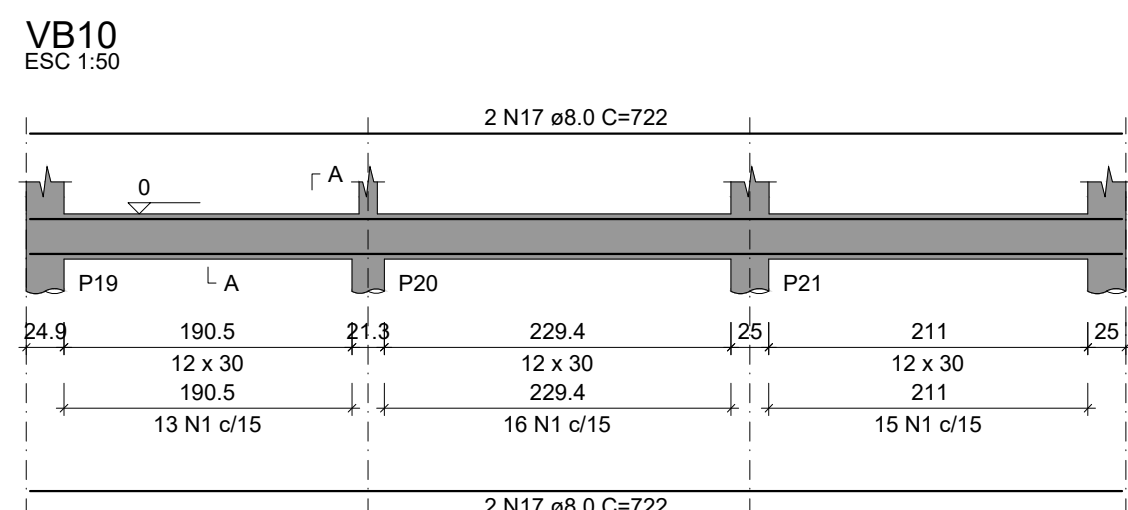
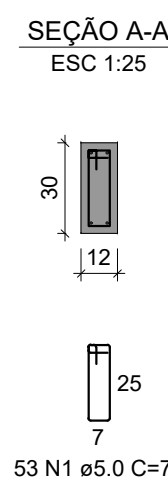
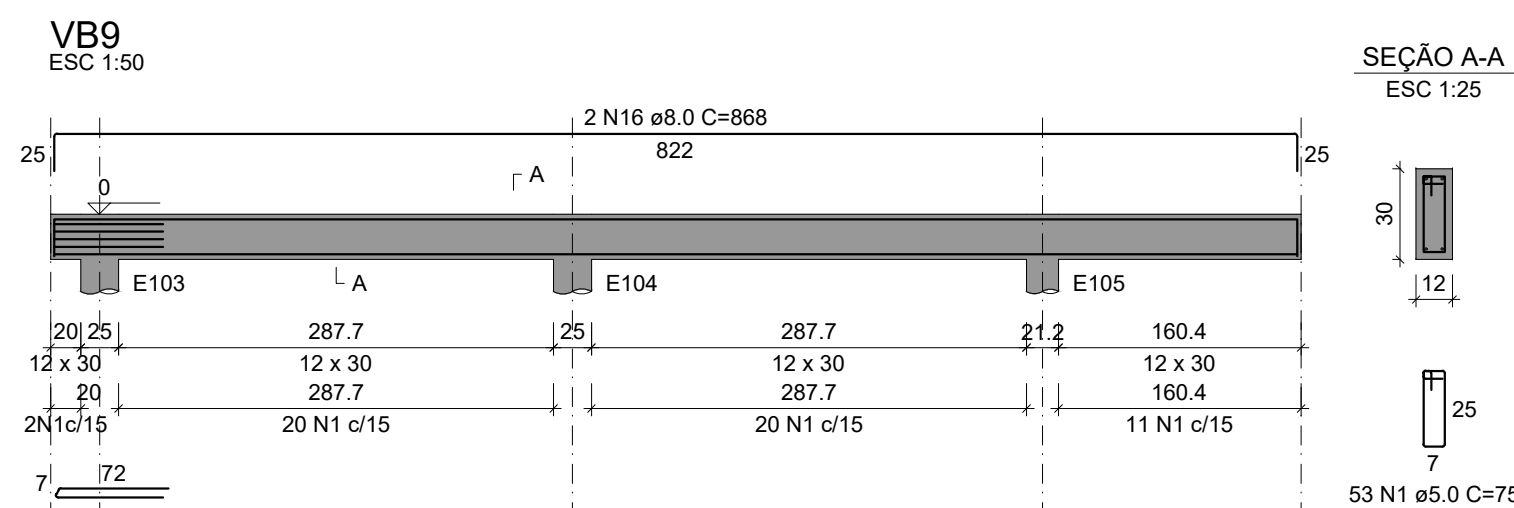
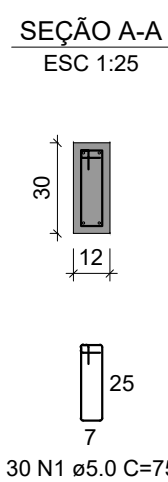
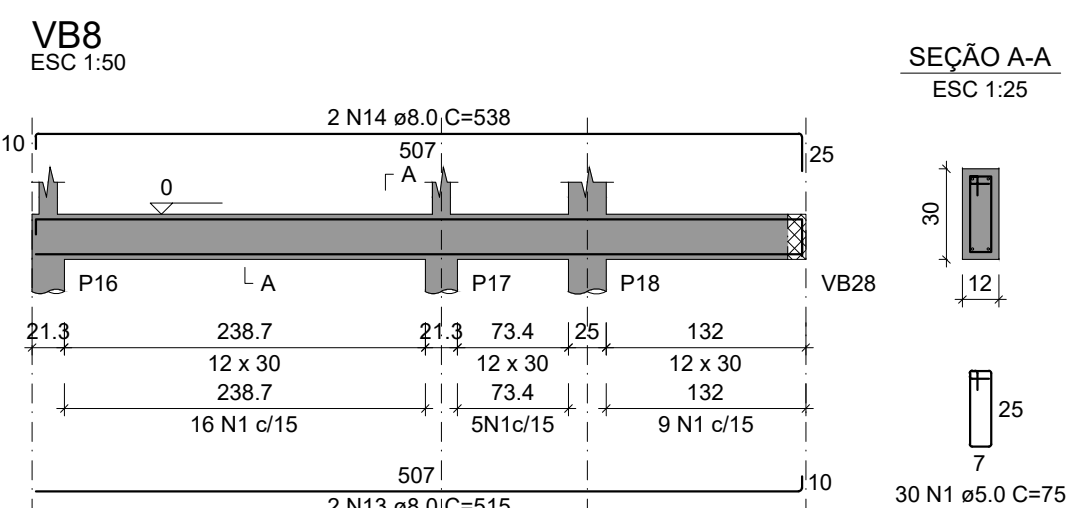
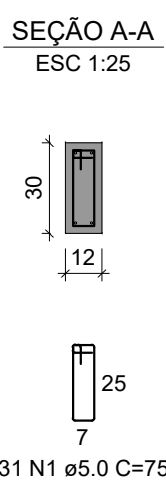
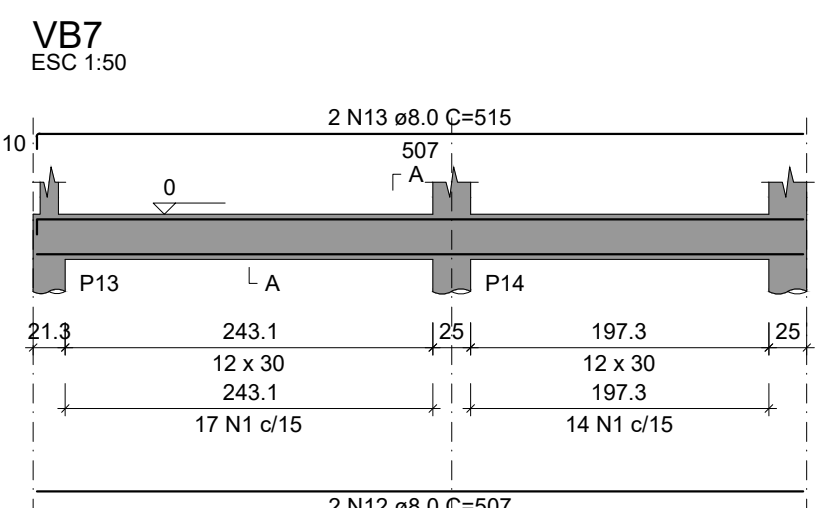
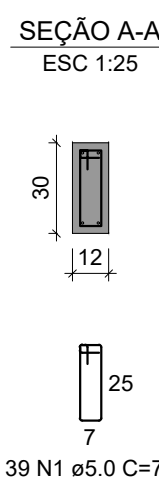
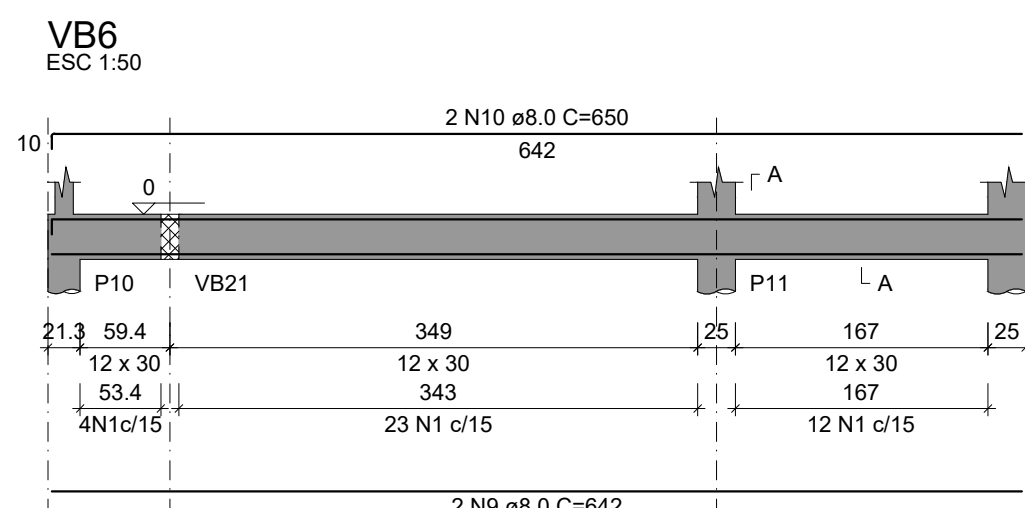
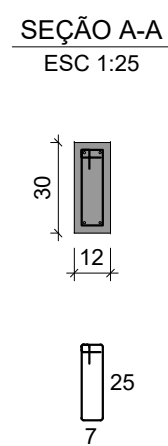
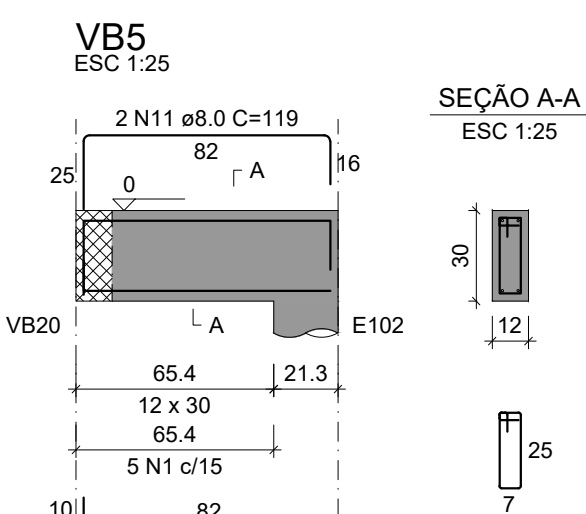
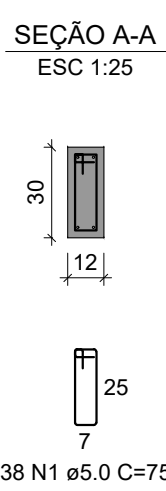
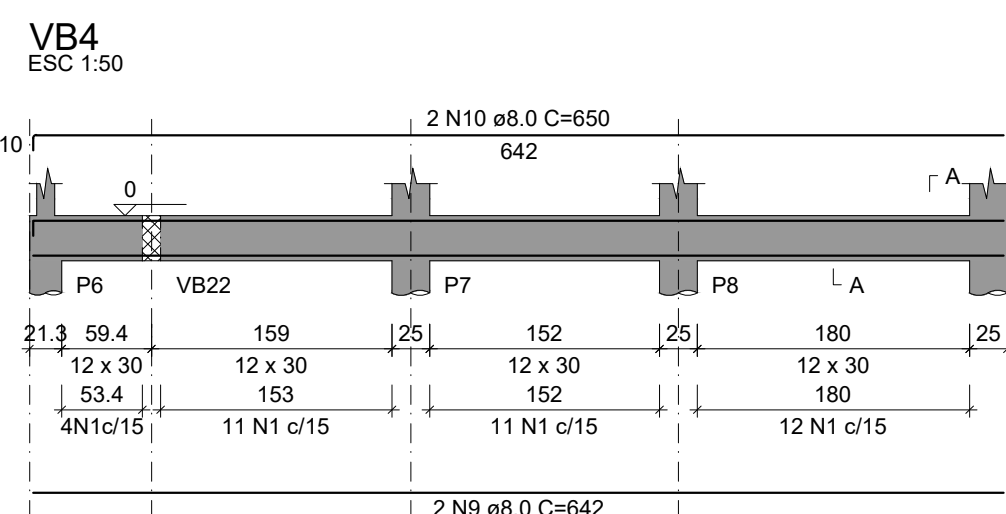
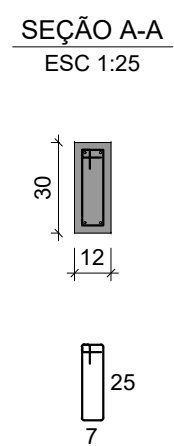
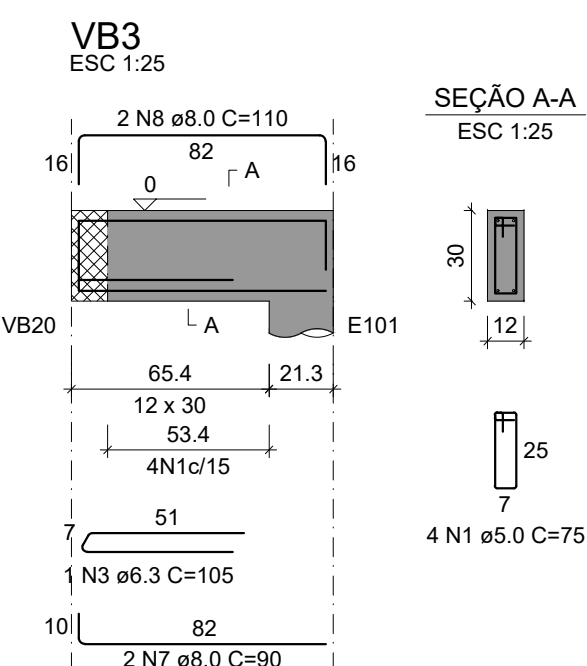
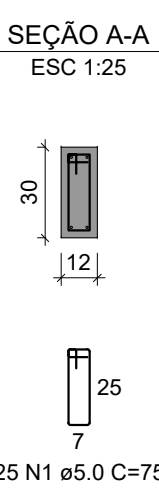
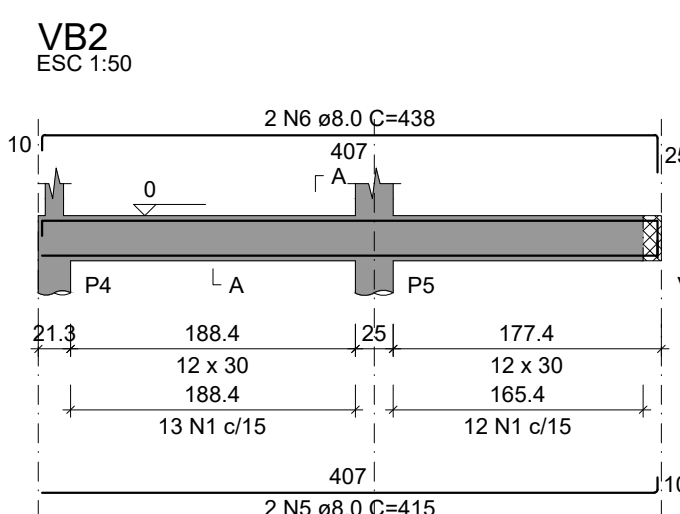
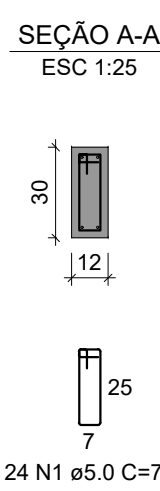
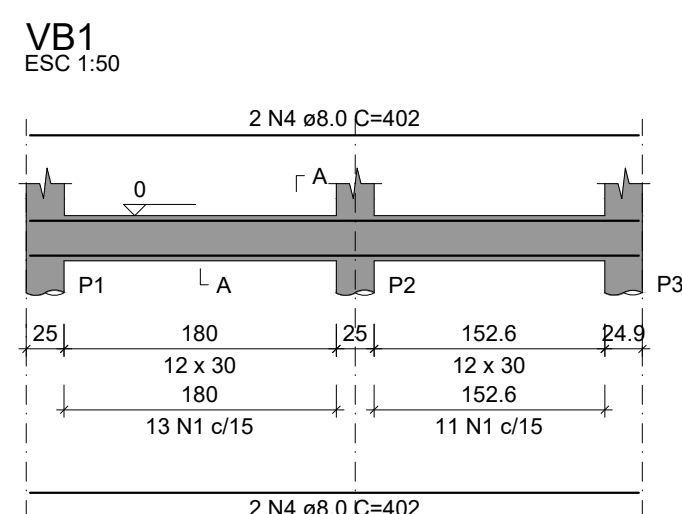


D



RELAÇÃO DO AÇO

| AÇO  | N  | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
|------|----|-----------|-------|-------------|--------------|
| VB1  | 1  | 5.0       | 737   | 75          | 55275        |
| VB4  | 2  | 5.0       | 20    | 147         | 2940         |
| VB7  | 3  | 6.3       | 1     | 105         | 105          |
| VB10 | 4  | 8.0       | 4     | 402         | 1608         |
| VB13 | 5  | 8.0       | 4     | 415         | 1660         |
| VB16 | 6  | 8.0       | 2     | 438         | 876          |
| VB19 | 7  | 8.0       | 4     | 90          | 360          |
| VB22 | 8  | 8.0       | 2     | 110         | 220          |
|      | 9  | 8.0       | 4     | 642         | 2568         |
|      | 10 | 8.0       | 4     | 650         | 2600         |
|      | 11 | 8.0       | 2     | 119         | 238          |
|      | 12 | 8.0       | 2     | 507         | 1014         |
|      | 13 | 8.0       | 4     | 515         | 2060         |
|      | 14 | 8.0       | 2     | 538         | 1076         |
|      | 15 | 8.0       | 2     | 622         | 1244         |
|      | 16 | 8.0       | 2     | 668         | 1336         |
|      | 17 | 8.0       | 4     | 722         | 2888         |
|      | 18 | 8.0       | 2     | 507         | 1014         |
|      | 19 | 8.0       | 2     | 553         | 1106         |
|      | 20 | 8.0       | 4     | 890         | 3560         |
|      | 21 | 8.0       | 1     | 135         | 135          |
|      | 22 | 8.0       | 1     | 193         | 193          |
|      | 23 | 8.0       | 2     | 913         | 1826         |
|      | 24 | 8.0       | 2     | 314         | 628          |
|      | 25 | 8.0       | 2     | 360         | 720          |
|      | 26 | 8.0       | 2     | 426         | 852          |
|      | 27 | 8.0       | 2     | 442         | 884          |
|      | 28 | 8.0       | 2     | 824         | 1648         |
|      | 29 | 8.0       | 2     | 870         | 1740         |
|      | 30 | 8.0       | 2     | 882         | 1764         |
|      | 31 | 8.0       | 2     | 464         | 928          |
|      | 32 | 8.0       | 2     | 487         | 974          |
|      | 33 | 8.0       | 2     | 371         | 742          |
|      | 34 | 8.0       | 2     | 387         | 774          |
|      | 35 | 8.0       | 2     | 217         | 434          |
|      | 36 | 8.0       | 2     | 225         | 450          |
|      | 37 | 8.0       | 2     | 1099        | 2198         |
|      | 38 | 8.0       | 2     | 737         | 1474         |
|      | 39 | 8.0       | 2     | 1198        | 2396         |
|      | 40 | 8.0       | 2     | 726         | 1452         |
|      | 41 | 8.0       | 2     | 65          | 130          |
|      | 42 | 8.0       | 2     | 94          | 188          |
|      | 43 | 8.0       | 2     | 60          | 120          |
|      | 44 | 8.0       | 2     | 89          | 178          |
|      | 45 | 8.0       | 2     | 367         | 734          |
|      | 46 | 8.0       | 2     | 375         | 750          |

RESUMO DO AÇO

| AÇO             | DIAM (mm) | C.TOTAL (m) | PESO + 0% (kg) |
|-----------------|-----------|-------------|----------------|
| CA50            | 6.3       | 1.1         | 0.3            |
| CA60            | 8.0       | 497.1       | 196.1          |
| CA60            | 5.0       | 582.1       | 89.7           |
| PESO TOTAL (kg) |           |             |                |
| CA50            |           |             | 196.4          |
| CA60            |           |             | 89.7           |

Volume de concreto (C-25) = 4.13 m³  
Área de forma = 82.64 m²

B

A



Arquitetura em Projetos

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Cep. 87.501-370 - Umuarama-PR.  
E-mail: apoioarquiteturaeengenharia@hotmail.com  
Homepage: apoioarquitetura.com.br  
Resp. Téc: Elson Henrique - CAU A95934-0

**MUNICÍPIO DE FLORAÍ**

**SECRETARIA MUNICIPAL DE SAÚDE**

**UNIDADE MISTA DE SAÚDE**  
**NOSSA SENHORA DE LURDES**  
**ºPROTOCOLO: 25.677.165-9**

**PROJETO ESTRUTURAL**

PROJETO/OBRA:  
AMPLIAÇÃO E REGULARIZAÇÃO DE UNIDADE MISTA DE SAÚDE - NOSSA SENHORA DE LOURDES

LOCAL DA OBRA:  
RUA JOÃO FALAVIGNA Nº171, QUADRA 13, LOTE 10 E 11, FLORAÍ-PR. CEP: 87185-000

CONTEÚDO:  
ARMAÇÃO DAS VIGAS BALDRAMES PARTE 1

RESP. TÉCNICO:  
ELSON HENRIQUE CAMPOS BENTO  
ARQUITETO E URBANISTA - CAU A95.934-0

PROPRIETÁRIO:  
MUNICÍPIO DE FLORAÍ  
CNPJ Nº: 75.731.000/0001-60

CÓDIGO  
PRANCHA  
ESCALA  
INDICADA  
DATA  
08/05/2026  
PRANCHA  
A1

**03-24**