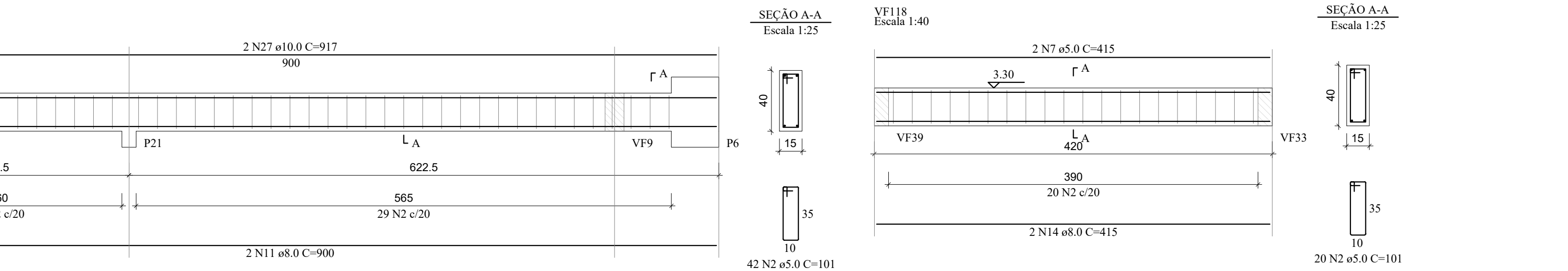
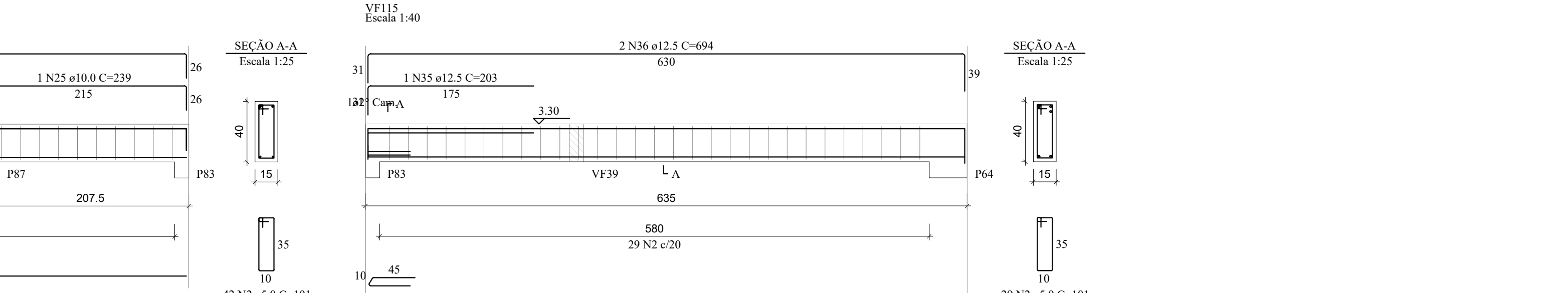
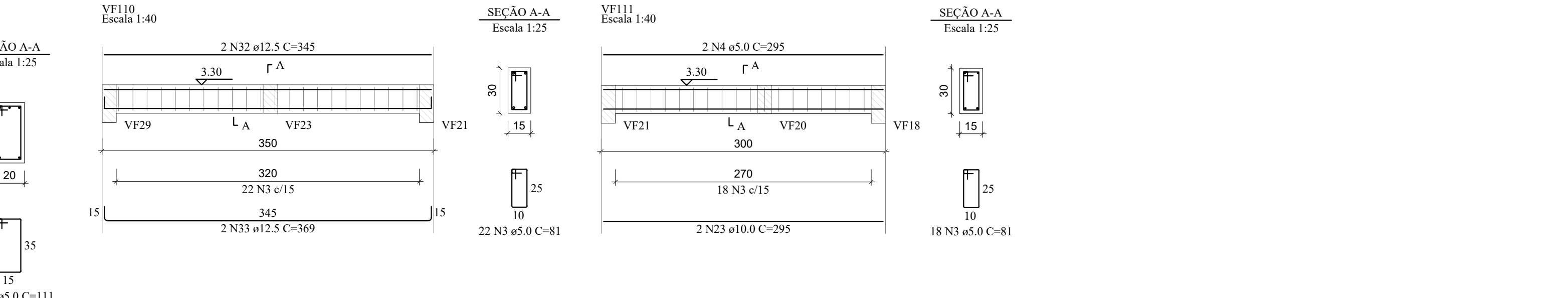
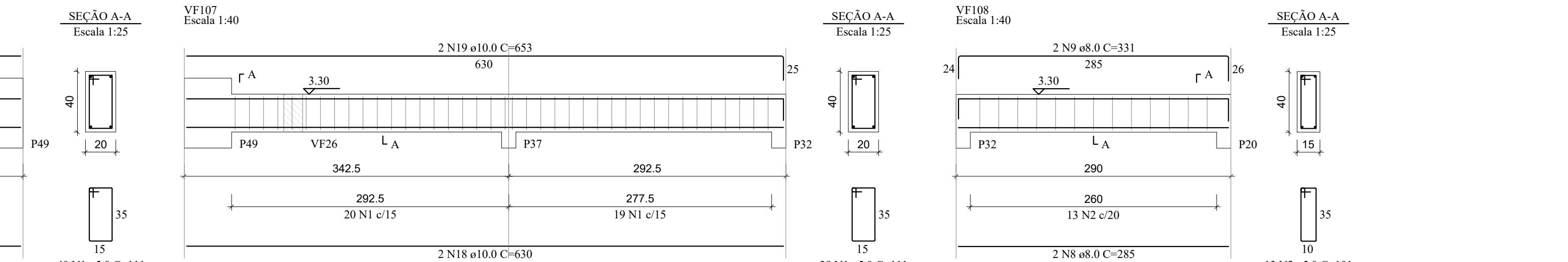
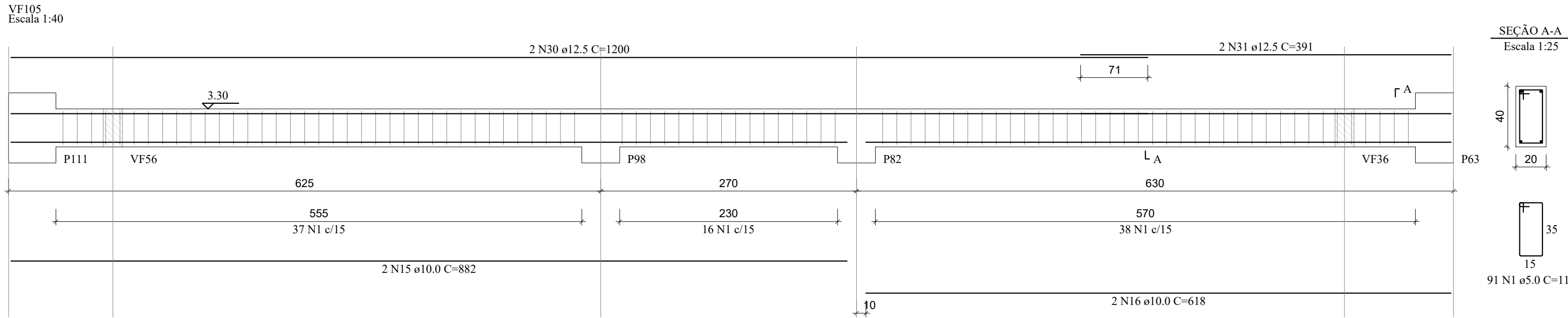
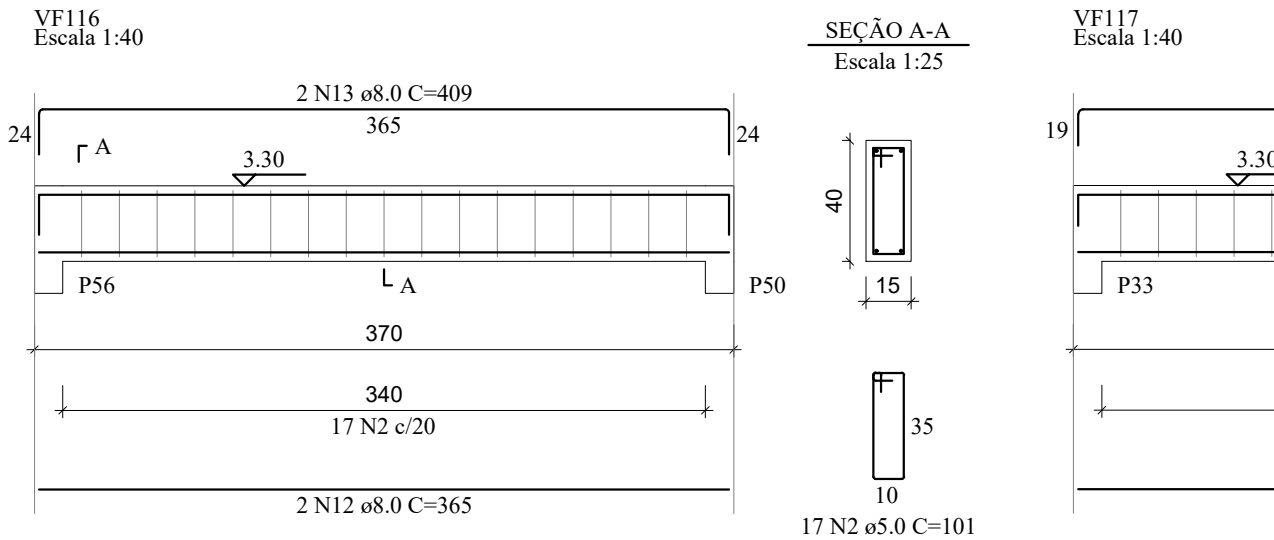
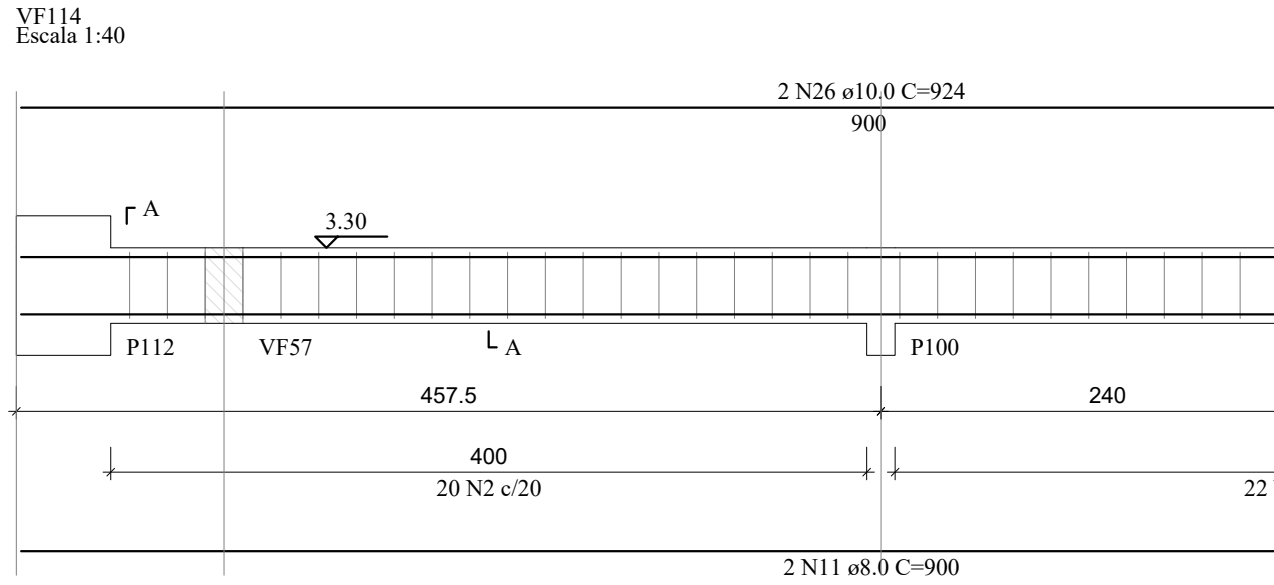
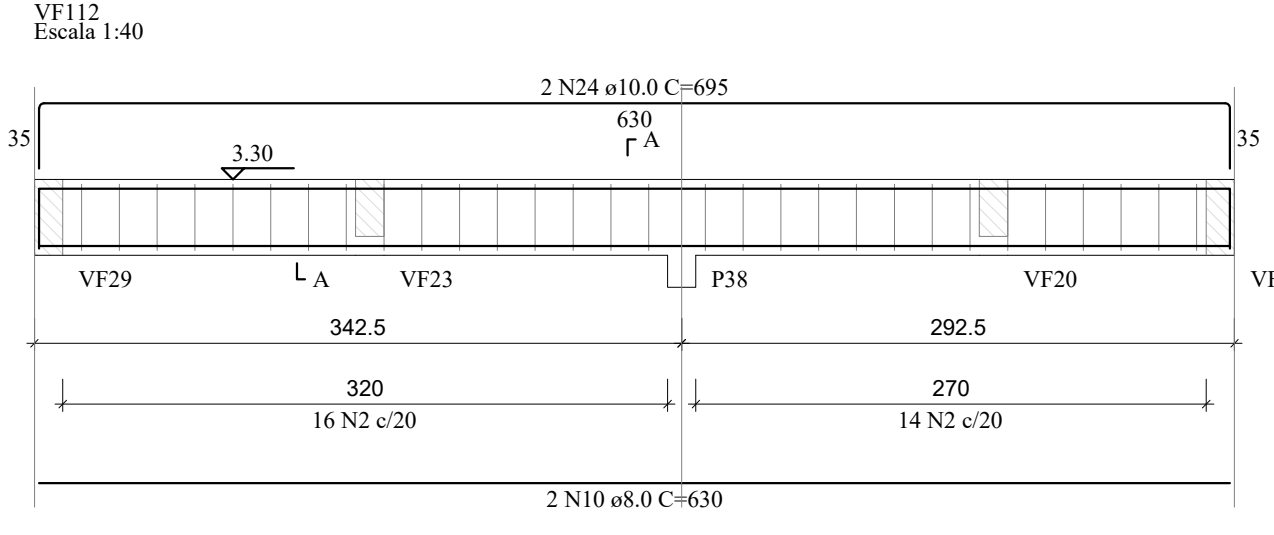
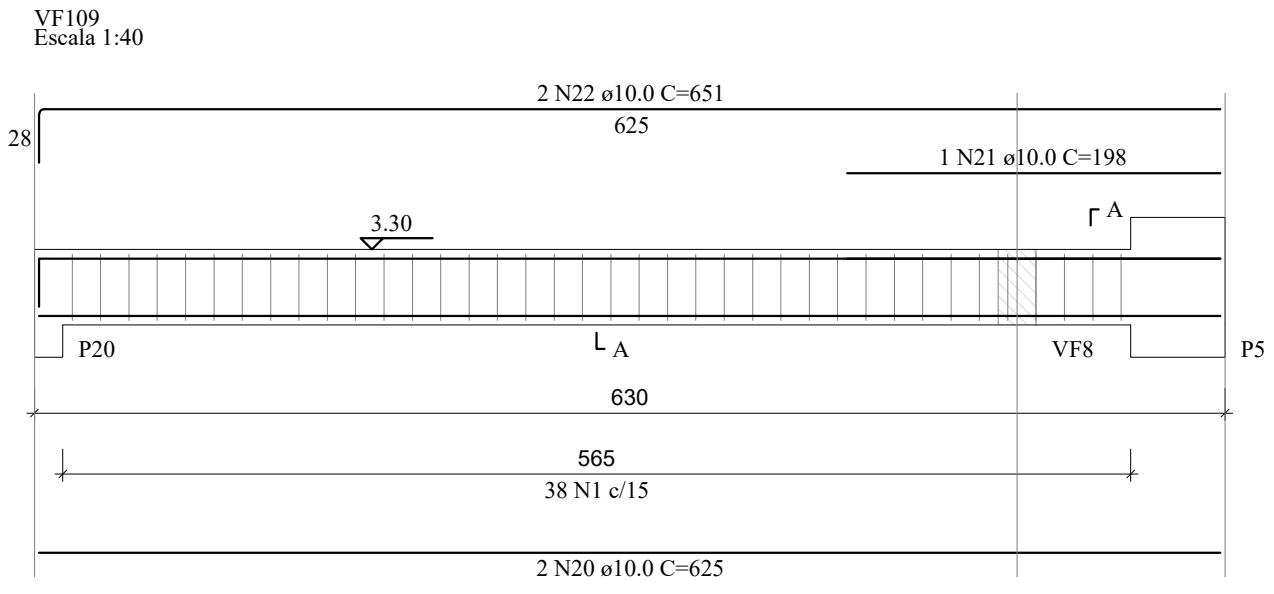
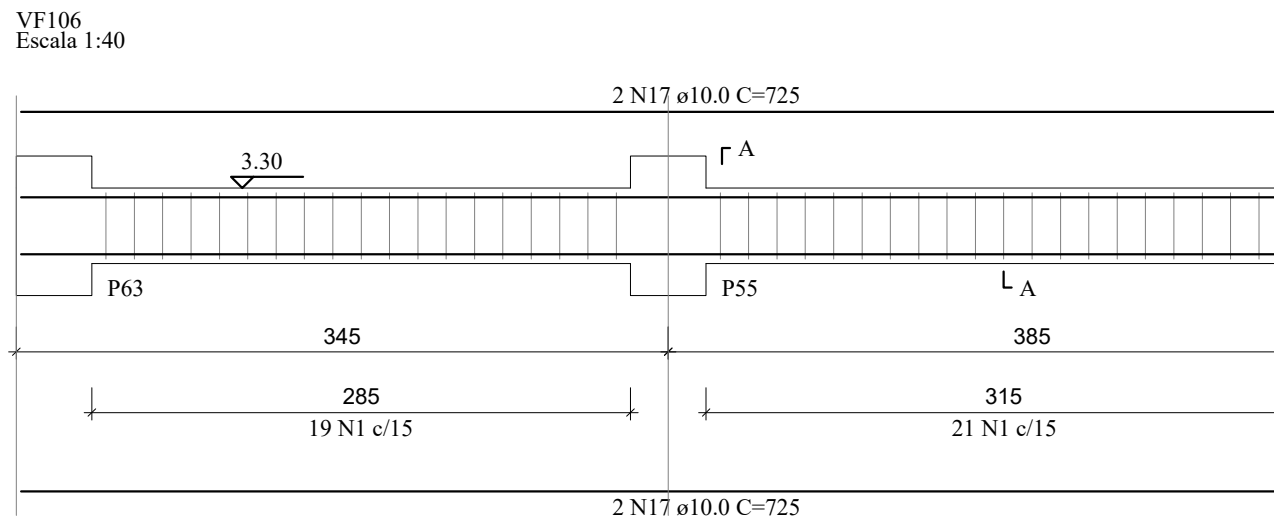
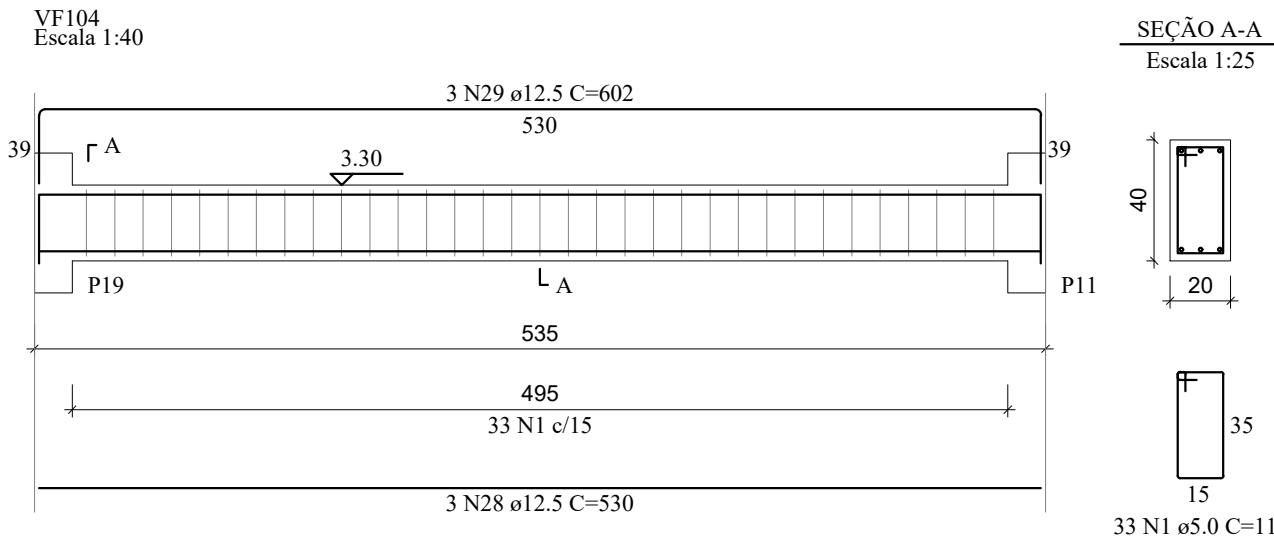


PROJETO ESTRUTURAL

Escala Indicada



RELAÇÃO DO AÇO

| ACO  | N  | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
|------|----|-----------|-------|-------------|--------------|
| CA60 | 1  | 5.0       | 241   | 111         | 26751        |
|      | 2  | 5.0       | 193   | 101         | 19493        |
|      | 3  | 5.0       | 58    | 81          | 4698         |
|      | 4  | 5.0       | 2     | 295         | 590          |
|      | 5  | 5.0       | 2     | 285         | 570          |
|      | 6  | 5.0       | 2     | 96          | 192          |
|      | 7  | 5.0       | 2     | 415         | 830          |
|      | 8  | 8.0       | 4     | 285         | 1140         |
|      | 9  | 8.0       | 2     | 331         | 662          |
|      | 10 | 8.0       | 2     | 630         | 1260         |
|      | 11 | 8.0       | 4     | 900         | 3600         |
|      | 12 | 8.0       | 2     | 365         | 730          |
|      | 13 | 8.0       | 2     | 409         | 818          |
|      | 14 | 8.0       | 2     | 415         | 830          |
|      | 15 | 10.0      | 2     | 882         | 1764         |
|      | 16 | 10.0      | 2     | 618         | 1236         |
|      | 17 | 10.0      | 4     | 725         | 2900         |
|      | 18 | 10.0      | 2     | 630         | 1260         |
|      | 19 | 10.0      | 2     | 653         | 1306         |
|      | 20 | 10.0      | 2     | 625         | 1250         |
|      | 21 | 10.0      | 1     | 198         | 198          |
|      | 22 | 10.0      | 2     | 651         | 1302         |
|      | 23 | 10.0      | 2     | 295         | 590          |
|      | 24 | 10.0      | 2     | 695         | 1390         |
|      | 25 | 10.0      | 1     | 239         | 239          |
|      | 26 | 10.0      | 2     | 924         | 1848         |
|      | 27 | 10.0      | 2     | 917         | 1834         |
|      | 28 | 12.5      | 3     | 530         | 1590         |
|      | 29 | 12.5      | 3     | 602         | 1806         |
|      | 30 | 12.5      | 2     | 1200        | 2400         |
|      | 31 | 12.5      | 2     | 391         | 782          |
|      | 32 | 12.5      | 2     | 345         | 690          |
|      | 33 | 12.5      | 2     | 369         | 738          |
|      | 34 | 12.5      | 2     | 642         | 1284         |
|      | 35 | 12.5      | 1     | 203         | 203          |
|      | 36 | 12.5      | 2     | 694         | 1388         |

RESUMO DO AÇO

| AÇO             | DIAM (mm) | C.TOTAL (m) | QUANT + 10% (Barras) | PESO + 10% (kg) |
|-----------------|-----------|-------------|----------------------|-----------------|
| CA50            | 8.0       | 90.4        | 9                    | 39.2            |
|                 | 10.0      | 171.2       | 16                   | 116.1           |
| CA60            | 12.5      | 108.8       | 10                   | 115.3           |
|                 | 5.0       | 531.2       | 49                   | 90.1            |
| PESO TOTAL (kg) |           |             |                      |                 |
| CA50            |           | 270.6       |                      |                 |
| CA60            |           | 90.1        |                      |                 |

Volume de concreto (C-30) = 6.16 m³

Área de forma = 87.12 m²

|                                                                                                                                            |            |                                                                                                                                                         |        |
|--------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| REV. 00                                                                                                                                    | 14/10/20   | EMISSÃO INICIAL                                                                                                                                         | DAC    |
| REVISÃO: DATA :                                                                                                                            | DESCRIÇÃO: |                                                                                                                                                         | RESP.: |
|                                                                                                                                            |            |                                                                                                                                                         |        |
| PROJETO                                                                                                                                    |            | GERÊNCIA DE PROJETOS<br>DENIS DE SOUZA SILVA CREA: MG-127.216/D                                                                                         |        |
|                                                                                                                                            |            | COORDENAÇÃO DE PROJETOS<br>ALOISIO CAETANO FERREIRA CREA: MG-97.132/D                                                                                   |        |
| Rua Miguel Vianna, nº 81, Sala 12<br>Bairro Marro Chic<br>CEP: 37500-080 - Itajubá / MG<br>Tel: (35) 3623-5720<br>www.dacengenharia.com.br |            | RESPONSÁVEL TÉCNICO<br>ENG. CIVIL FLÁVIA C. BARBOSA CREA: MG-187.842/D<br>PROJETO<br>ENG. CIVIL WILLIAM BARADEL LARI<br>DESENHO<br>WILLIAM BARADEL LARI |        |
| EMPREENDIMENTO<br>IMPLANTAÇÃO DA CRECHE DR. LUIZ RENNÓ MENDES                                                                              |            |                                                                                                                                                         |        |
| ENDEREÇO<br>RUA 06, ÁREA INSTITUCIONAL 1, C. H. DR. LUIZ R. MENDES<br>SANTA RITA DO SAPUCAÍ – MINAS GERAIS                                 |            | DISCIPLINA<br>ESTRUTURAL                                                                                                                                |        |
| ASSUNTO<br>PROJETO DE ESTRUTURAS EM CONCRETO ARMADO<br>DETALHAMENTO DAS ARMAÇÕES – VIGAS<br>FORMA, CORTE E QUANTITATIVOS                   |            | FASE DO PROJETO<br>EXECUTIVO                                                                                                                            |        |
| DATA INICIAL<br>14/10/2020                                                                                                                 |            | FOLHA Nº.<br>21                                                                                                                                         |        |
| ESCALA<br>INDICADA                                                                                                                         |            | REVISÃO<br>R00                                                                                                                                          |        |
| ARQUIVO<br>DAC-SRS-CRE-PE-EST-R00.DWG                                                                                                      |            |                                                                                                                                                         |        |