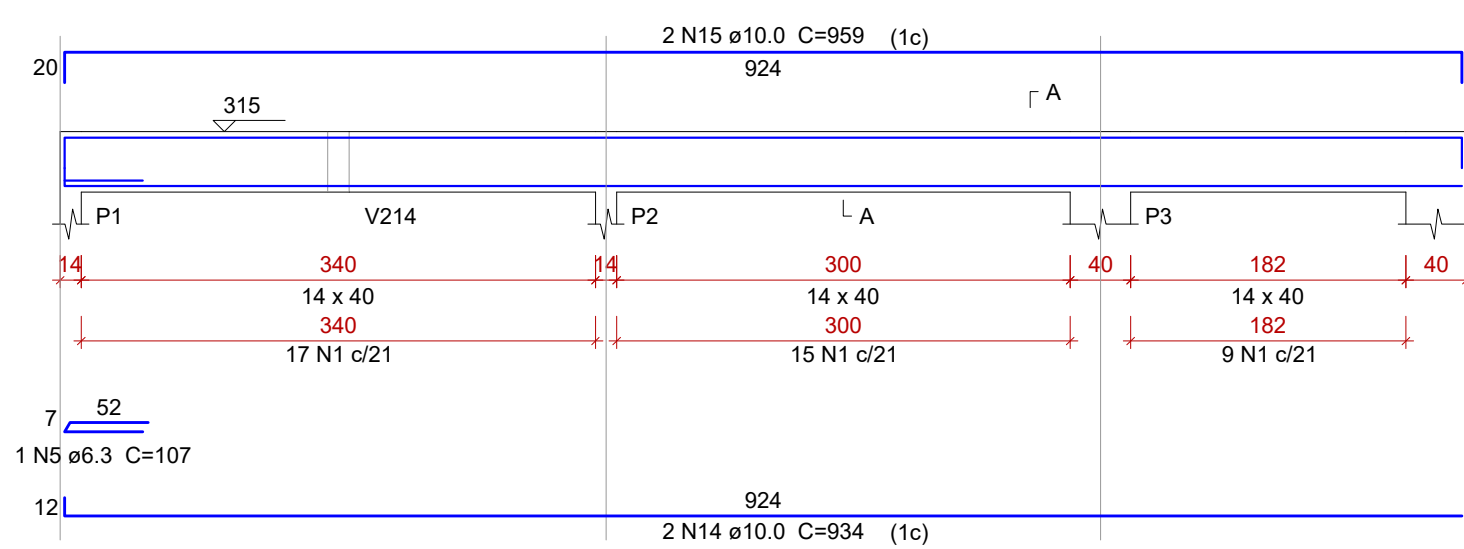


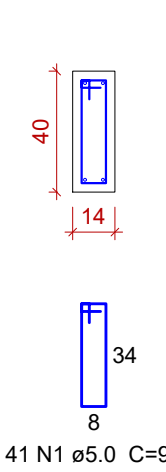
## V200

ESC 1:50



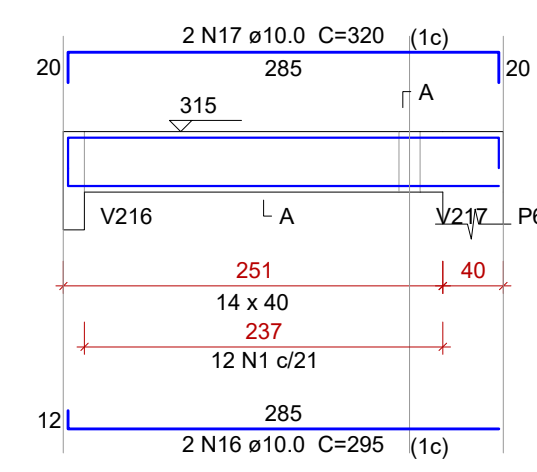
## SEÇÃO A-A

ESC 1:25



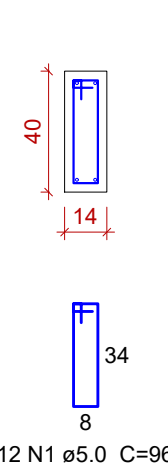
## V201

ESC 1:50



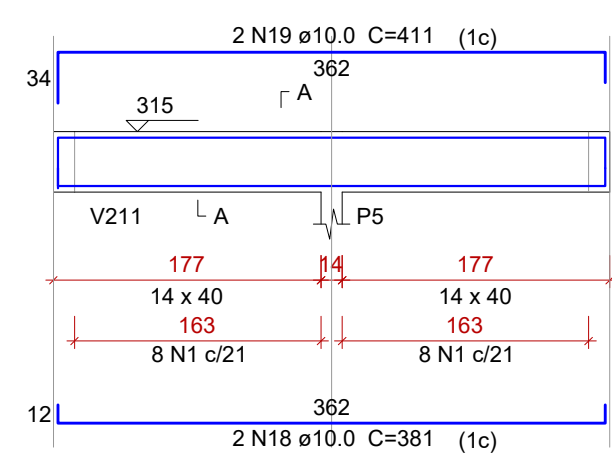
## SEÇÃO A-A

ESC 1:25



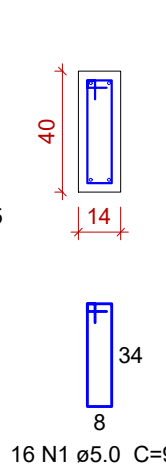
## V202

ESC 1:50



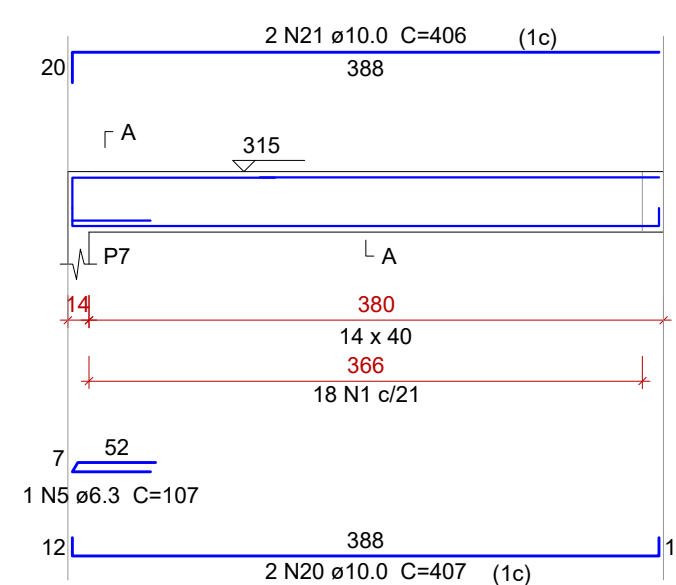
## SEÇÃO A-A

ESC 1:25



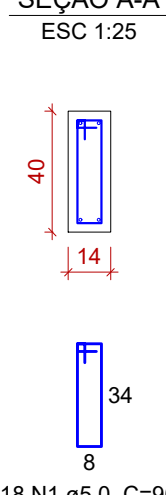
## V203

ESC 1:50



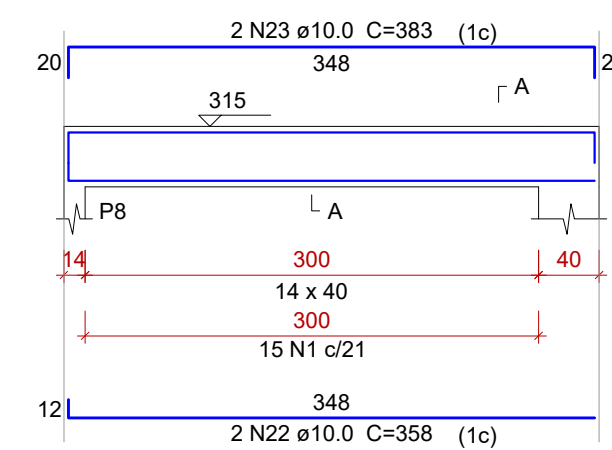
## SEÇÃO A-A

ESC 1:25



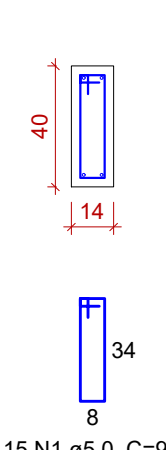
## V204

ESC 1:50



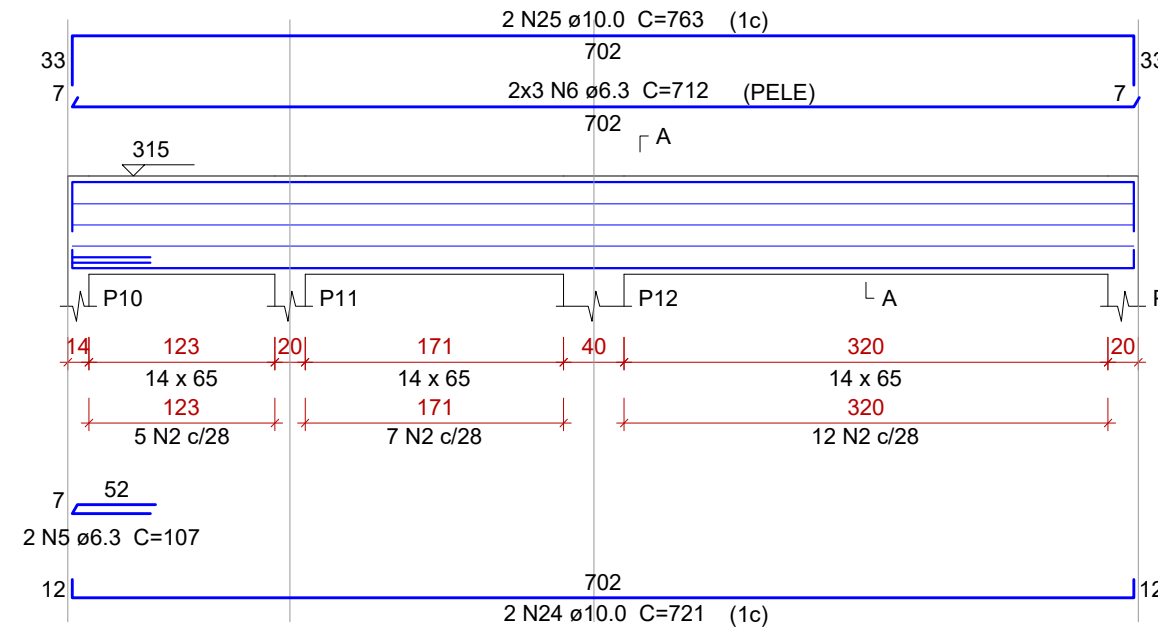
## SEÇÃO A-A

ESC 1:25



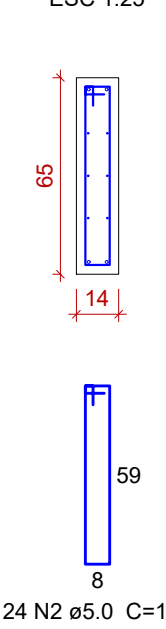
## V205

ESC 1:50



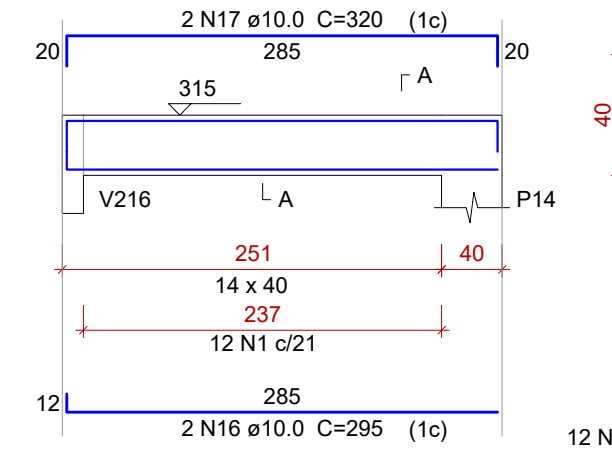
## SEÇÃO A-A

ESC 1:25



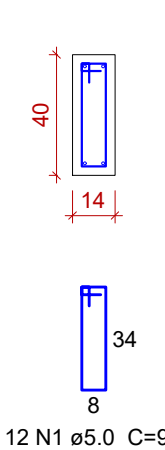
## V206

ESC 1:50



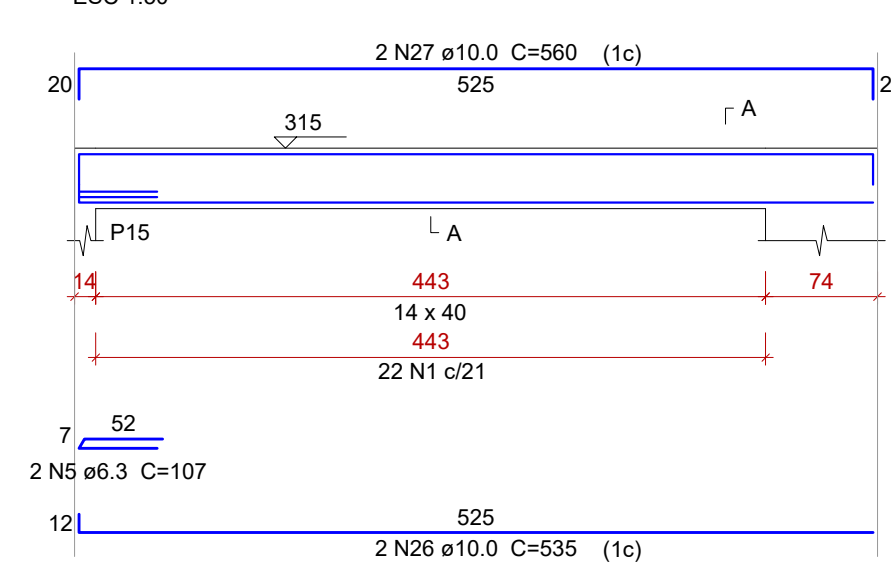
## SEÇÃO A-A

ESC 1:25



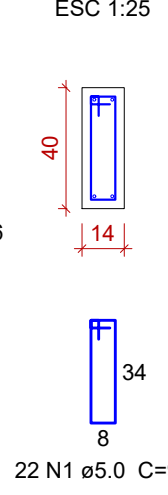
## V207

ESC 1:50



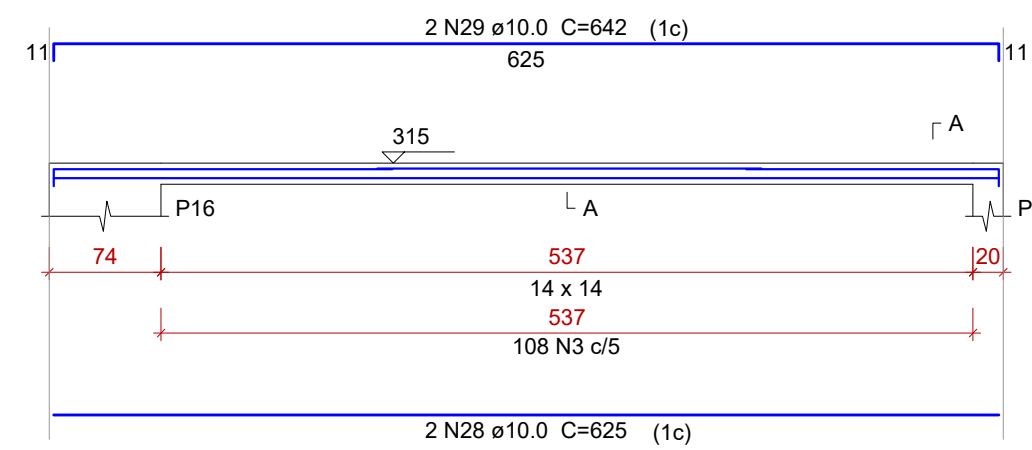
## SEÇÃO A-A

ESC 1:25



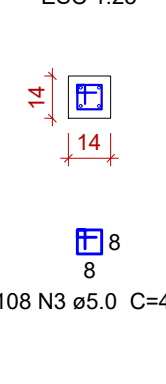
## V208

ESC 1:50



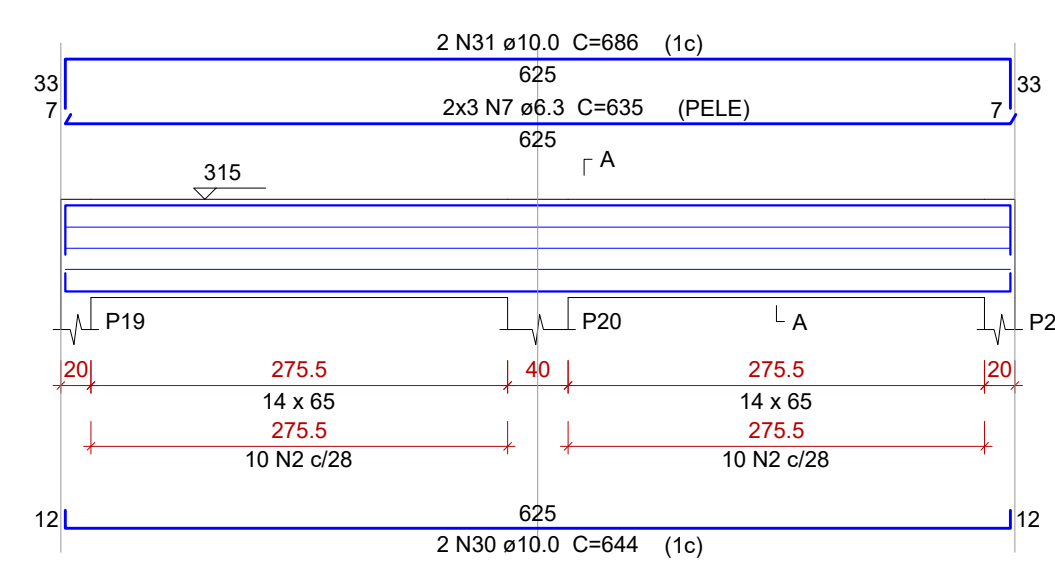
## SEÇÃO A-A

ESC 1:25



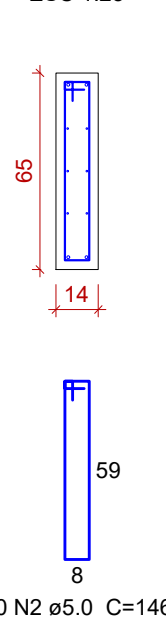
## V209

ESC 1:50



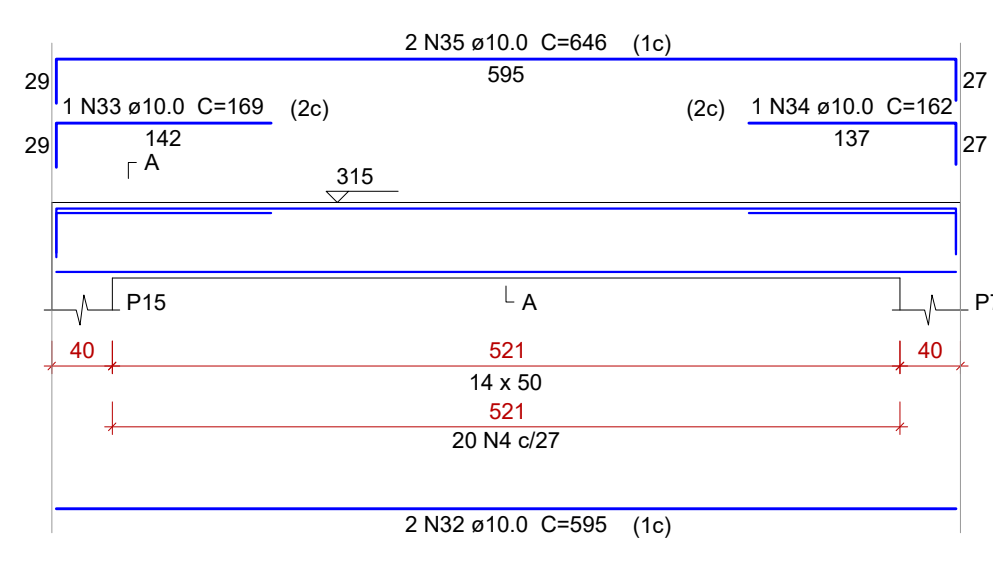
## SEÇÃO A-A

ESC 1:25



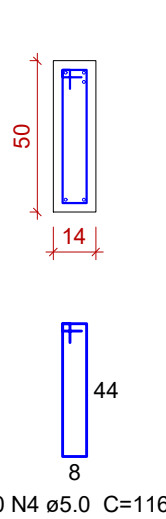
## V210

ESC 1:50



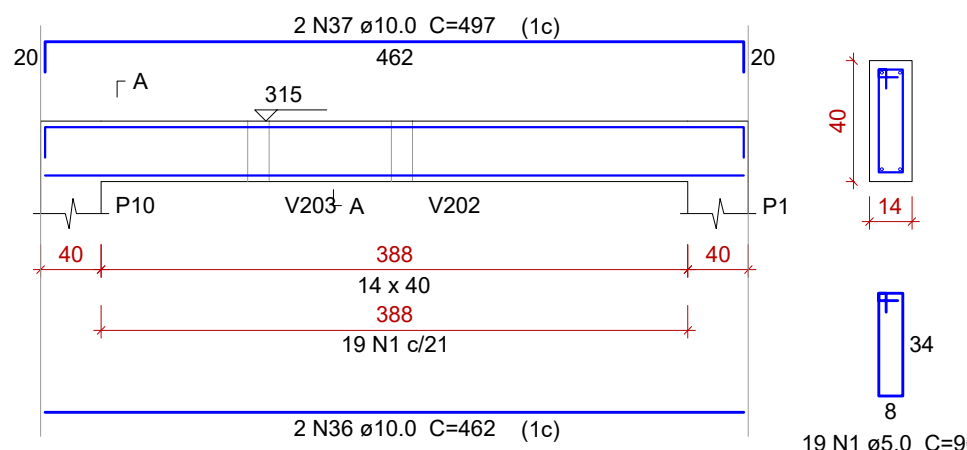
## SEÇÃO A-A

ESC 1:25



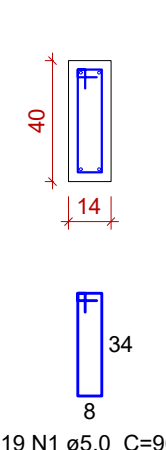
## V211

ESC 1:50



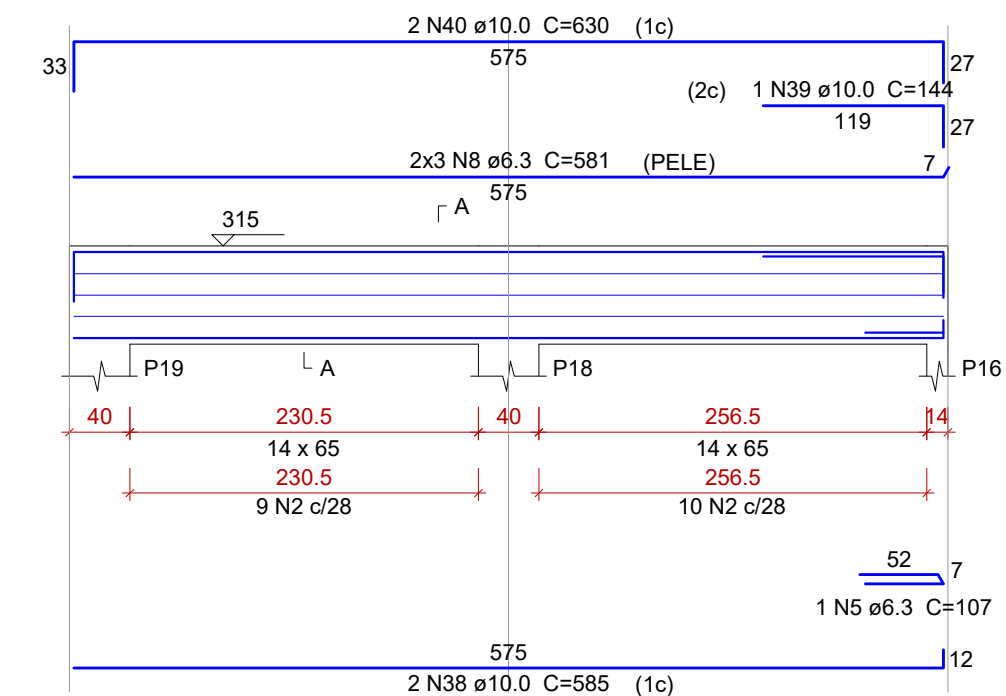
## SEÇÃO A-A

ESC 1:25



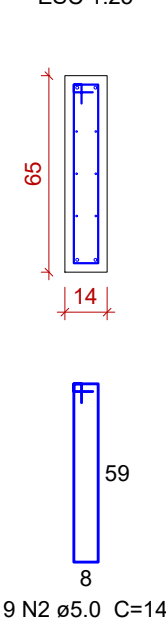
## V212

ESC 1:50



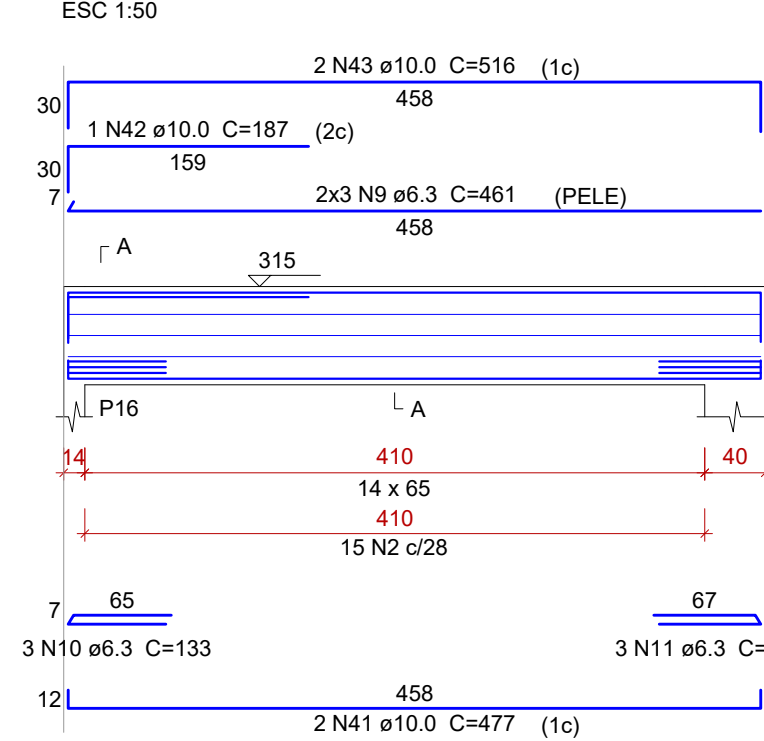
## SEÇÃO A-A

ESC 1:25



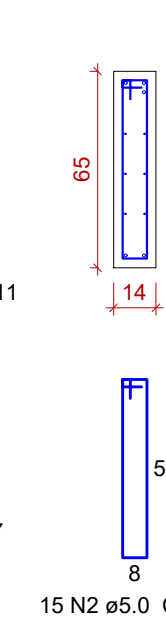
## V213

ESC 1:50



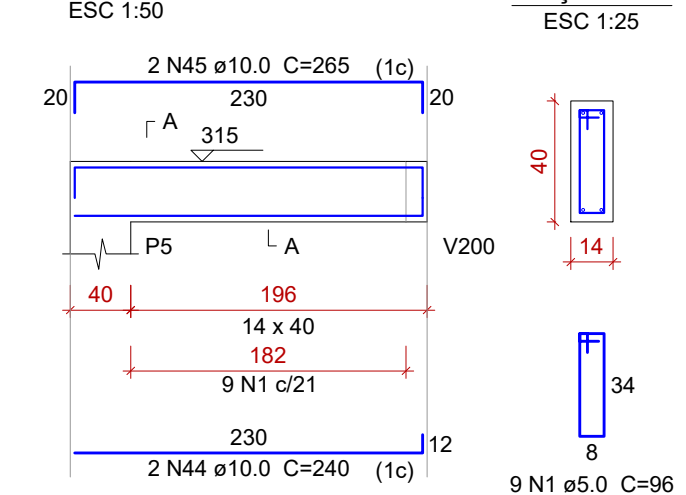
## SEÇÃO A-A

ESC 1:25



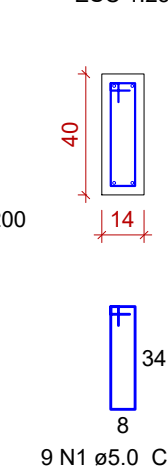
## V214

ESC 1:50



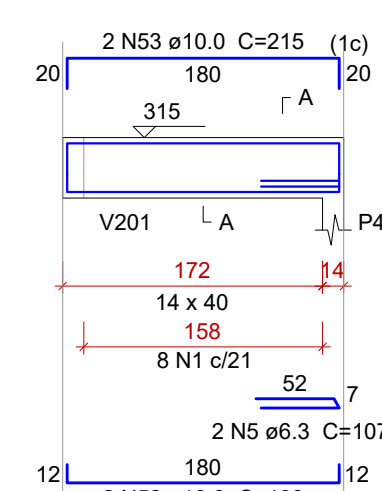
## SEÇÃO A-A

ESC 1:25



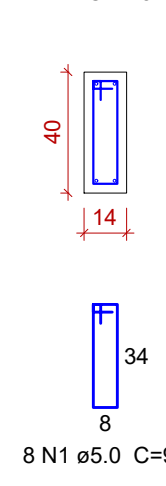
## V217

ESC 1:50



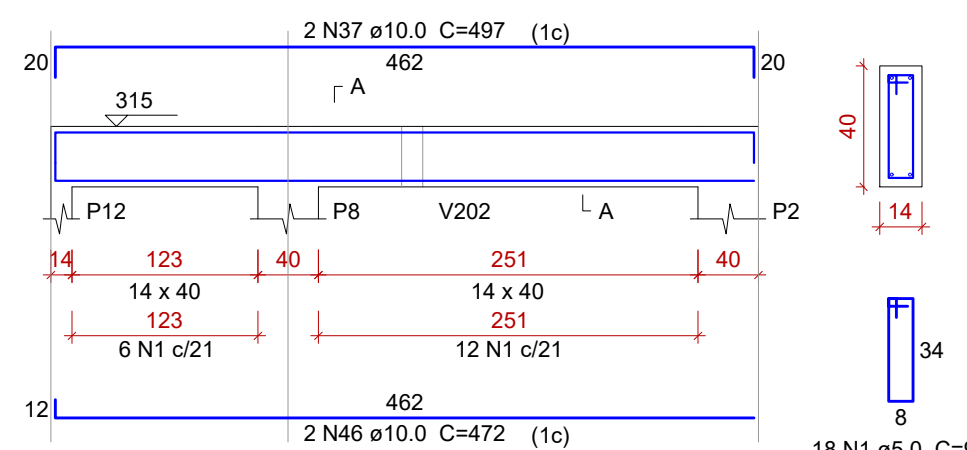
## SEÇÃO A-A

ESC 1:25



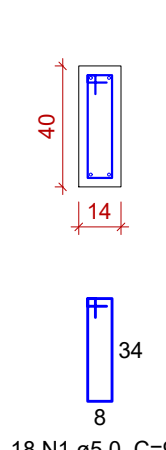
## V215

ESC 1:50



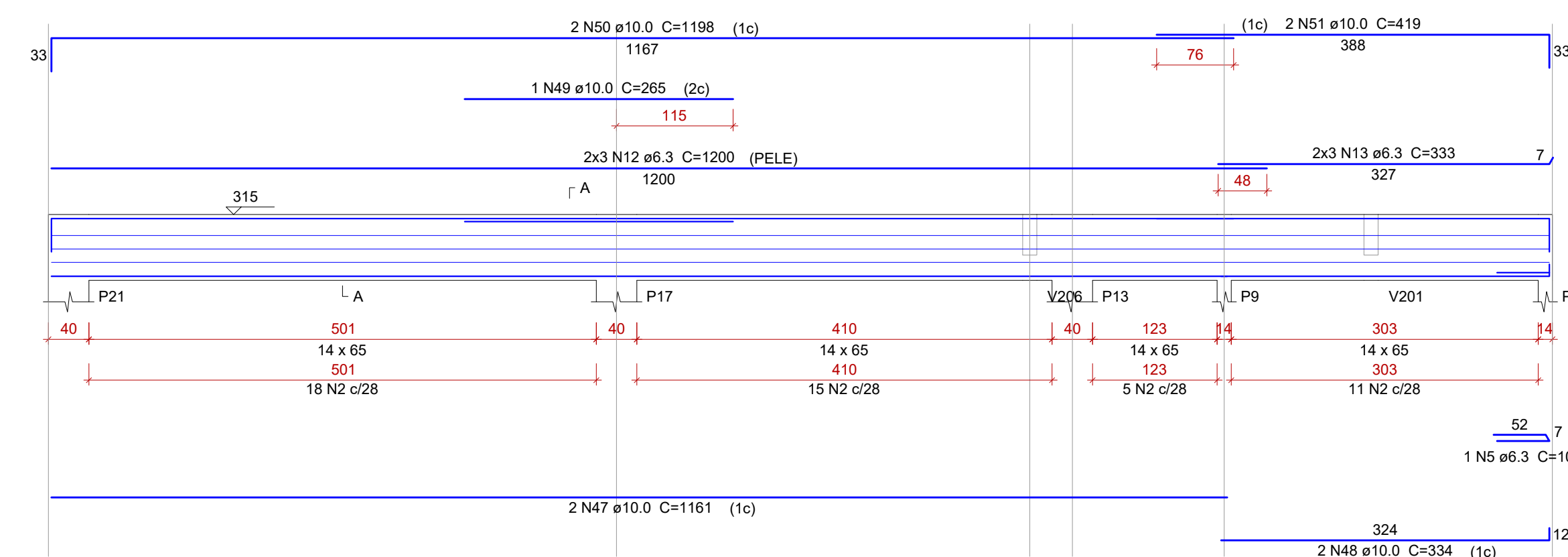
## SEÇÃO A-A

ESC 1:25



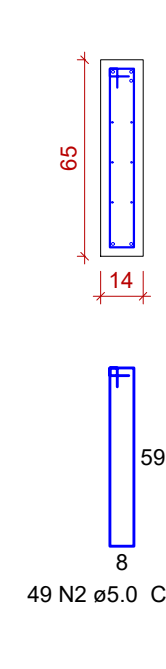
## V216

ESC 1:50



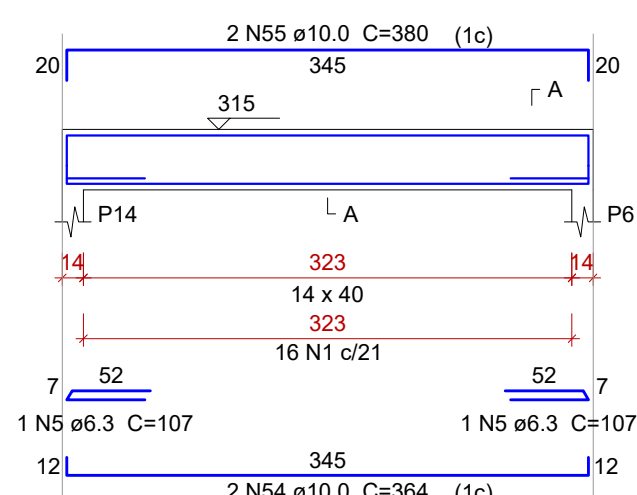
## SEÇÃO A-A

ESC 1:25



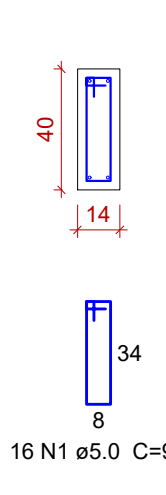
## V218

ESC 1:50



## SEÇÃO A-A

ESC 1:25



## VIGAS 200

Escala Indicada

## Relação do aço

| AÇO  | N  | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
|------|----|-----------|-------|-------------|--------------|
| V200 | 1  | 5.0       | 206   | 96          | 19776        |
| V203 | 2  | 5.0       | 127   | 146         | 18542        |
| V206 | 3  | 5.0       | 108   | 44          | 4752         |
| V209 | 4  | 5.0       | 20    | 116         | 2320         |
| V212 | 5  | 6.3       | 12    | 107         | 1284         |
| V215 | 6  | 6.3       | 6     | 712         | 4272         |
| V218 | 7  | 6.3       | 6     | 635         | 3810         |
|      | 8  | 6.3       | 6     | 581         | 3486         |
|      | 9  | 6.3       | 6     | 461         | 2766         |
|      | 10 | 6.3       | 3     | 133         | 399          |
|      | 11 | 6.3       | 3     | 137         | 411          |
|      | 12 | 6.3       | 6     | 1200        | 7200         |
|      | 13 | 6.3       | 6     | 333         | 1998         |
|      | 14 | 10.0      | 2     | 934         | 1868         |
|      | 15 | 10.0      | 2     | 959         | 1918         |
|      | 16 | 10.0      | 4     | 295         | 1180         |
|      | 17 | 10.0      | 4     | 320         | 1280         |
|      | 18 | 10.0      | 2     | 381         | 762          |
|      | 19 | 10.0      | 2     | 411         | 822          |
|      | 20 | 10.0      | 2     | 407         | 814          |
|      | 21 | 10.0      | 2     | 406         | 812          |
|      | 22 | 10.0      | 2     | 358         | 716          |
|      | 23 | 10.0      | 2     | 383         | 766          |
|      | 24 | 10.0      | 2     | 721         | 1442         |
|      | 25 | 10.0      | 2     | 763         | 1526         |
|      | 26 | 10.0      | 2     | 535         | 1070         |
|      | 27 | 10.0      | 2     | 560         | 1120         |
|      | 28 | 10.0      | 2     | 625         | 1250         |
|      | 29 | 10.0      | 2     | 642         | 1284         |
|      | 30 | 10.0      | 2     | 644         | 1288         |
|      | 31 | 10.0      | 2     | 686         | 1372         |
|      | 32 | 10.0      | 2     | 595         | 1190         |
|      | 33 | 10.0      | 1     | 169         | 169          |
|      | 34 | 10.0      | 1     | 162         | 162          |
|      | 35 | 10.0      | 2     | 646         | 1292         |
|      | 36 | 10.0      | 2     | 462         | 924          |
|      | 37 | 10.0      | 4     | 497         | 1988         |
|      | 38 | 10.0      | 2     | 585         | 1170         |
|      | 39 | 10.0      | 1     | 144         | 144          |
|      | 40 | 10.0      | 2     | 630         | 1260         |
|      | 41 | 10.0      | 2     | 477         | 954          |
|      | 42 | 10.0      | 1     | 187         | 187          |
|      | 43 | 10.0      | 2     | 516         | 1032         |
|      | 44 | 10.0      | 2     | 240         | 480          |
|      | 45 | 10.0      | 2     | 265         | 530          |
|      | 46 | 10.0      | 2     | 472         | 944          |
|      | 47 | 10.0      | 2     | 1161        | 2322         |
|      | 48 | 10.0      | 2     | 334         | 668          |
|      | 49 | 10.0      | 1     | 265         | 265          |
|      | 50 | 10.0      | 2     | 1198        | 2396         |
|      | 51 | 10.0      | 2     | 419         | 838          |
|      | 52 | 10.0      | 2     | 199         | 398          |
|      | 53 | 10.0      | 2     | 215         | 430          |
|      | 54 | 10.0      | 2     | 364         | 728          |
|      | 55 | 10.0      | 2     | 380         | 760          |

## Resumo do aço

| AÇO             | DIAM (mm) | C.TOTAL (m) | PESO + 10 % (kg) |
|-----------------|-----------|-------------|------------------|
| CA50            | 6.3       | 256.3       | 69               |
| CA50            | 10.0      | 425.3       | 288.4            |
| CA60            | 5.0       | 453.9       | 77               |
| PESO TOTAL (kg) |           |             |                  |
| CA50            | 357.4     |             |                  |
| CA60            | 77        |             |                  |

Volume de concreto (C-25) = 6.79 m³  
Área de forma = 110.97 m²

## LEITURA DAS ARMADURAS

SEM ESCALA - COTAS EM CENTÍMETROS

## Tabela de Conversões e Pinos de Dobramento

| AÇO  | DIAM (mm) | DIAM (pol) | PINO (D) (cm) |
|------|-----------|------------|---------------|
| CA60 | 5.0       | 3/16       | 3"            |
| CA50 | 6.3       | 1/4        | 3             |
| CA50 | 8.0       | 5/16       | 4             |
| CA50 | 10.0      | 3/8        | 5             |
| CA50 | 12.5      | 1/2        | 6.5           |
| CA50 | 16.0      | 5/8        | 8             |

\* Para Estribos, D=1,5

Quantidades de Barras = 2 Barras

Número da Barra no Detalhamento = N3

Bitola = ø10.0mm ou 3/8"

Espaçamento entre as Barras = 15cm

Comprimento Total da Barra = 655cm

Comprimento Horizontal = 600cm

Dobra na Extremidade = 30cm

## Revisões:

| NUMERO | DESCRIÇÃO        | DESENHO | DATA       |
|--------|------------------|---------|------------|
| 01     | EMISSION INICIAL | Thayse  | 14/12/2024 |

Carimbos e assinaturas:

Eng.ª Thayse Perini Aparicio CREA/SC 155622-6  
Pref. Mun. Braço do Trombudo CNPJ: 95.952.230/0001-67  
CONTRATADA

Dados do Projeto:

**PREFEITURA MUNICIPAL DE BRAÇO DO TROMBUDO**  
Fone/Fax : (47) 3547-0179 / 3547-0232  
gabinete@bracodotrombudo.sc.gov.br  
Praça da Independência, nº25, Centro – 89178-000  
Braço do Trombudo – Santa Catarina  
CNPJ 95.952.230/0001-67

Dados do Projeto:

|                       |  |                                            |  |
|-----------------------|--|--------------------------------------------|--|
| OBRA:                 |  | CONSTRUÇÃO DE UMA CAPELA MORTUÁRIA         |  |
| ENDEREÇO:             |  | LOCALIDADE KM 10                           |  |
| CONTEÚDO:             |  | RESPONSÁVEL TÉCNICO:                       |  |
| PROJETOS DE VIGAS 200 |  | THAYSE PERINI APARICIO<br>CREA/SC 155622-6 |  |
|                       |  | ÁREA:<br>138,01 m²                         |  |
|                       |  | ESCALA:<br>INDICADA                        |  |
|                       |  | DATA:<br>14/12/2024                        |  |
|                       |  | FOLHA:<br>00                               |  |
|                       |  | 00                                         |  |