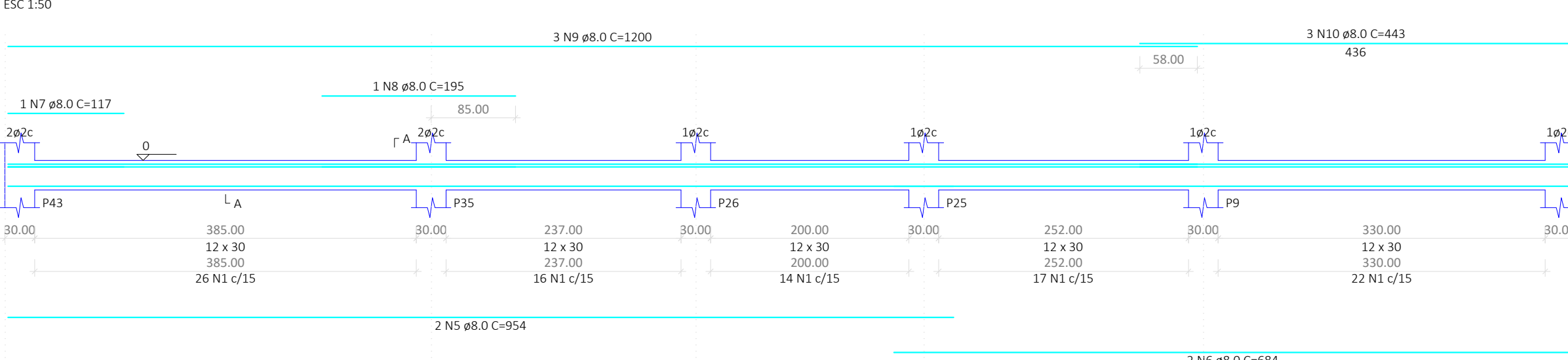
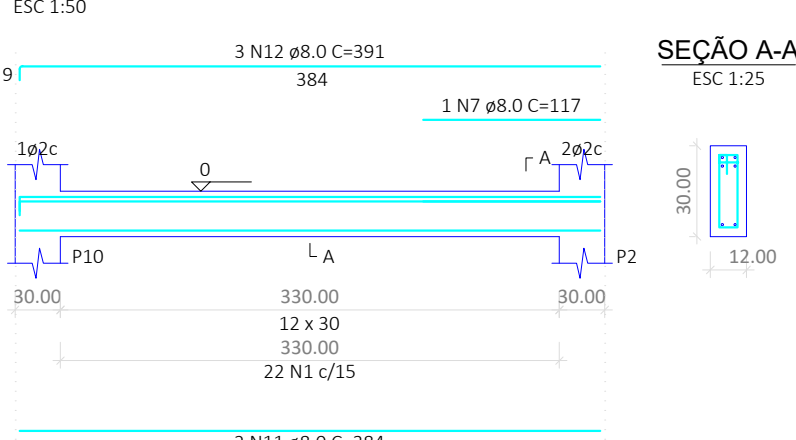


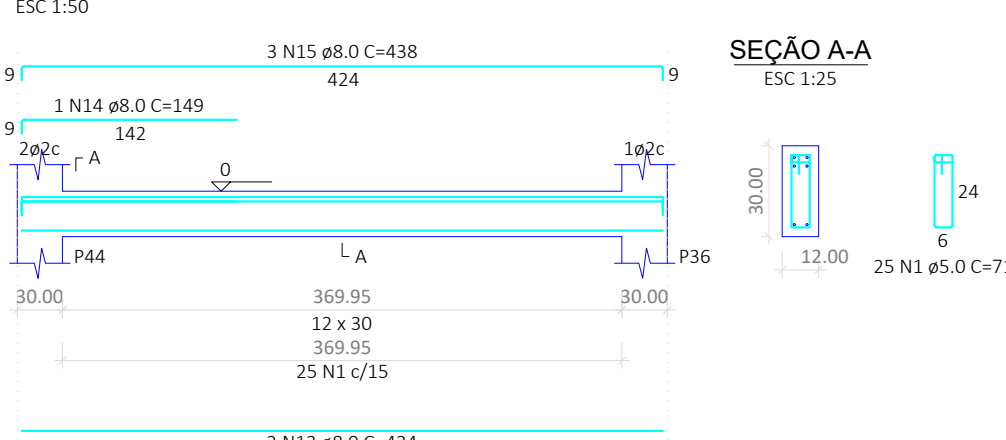
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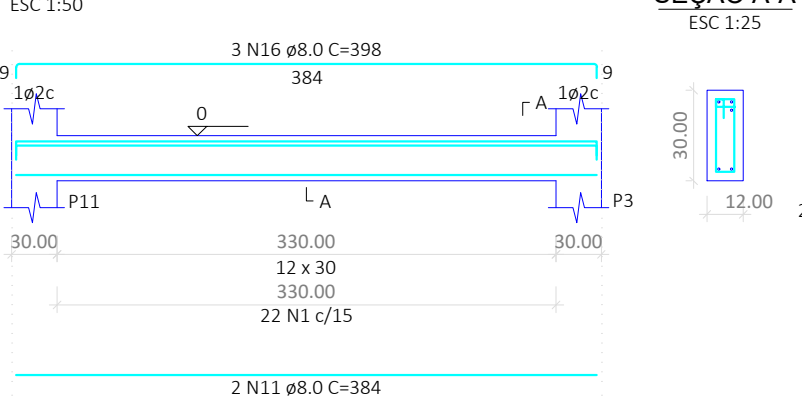
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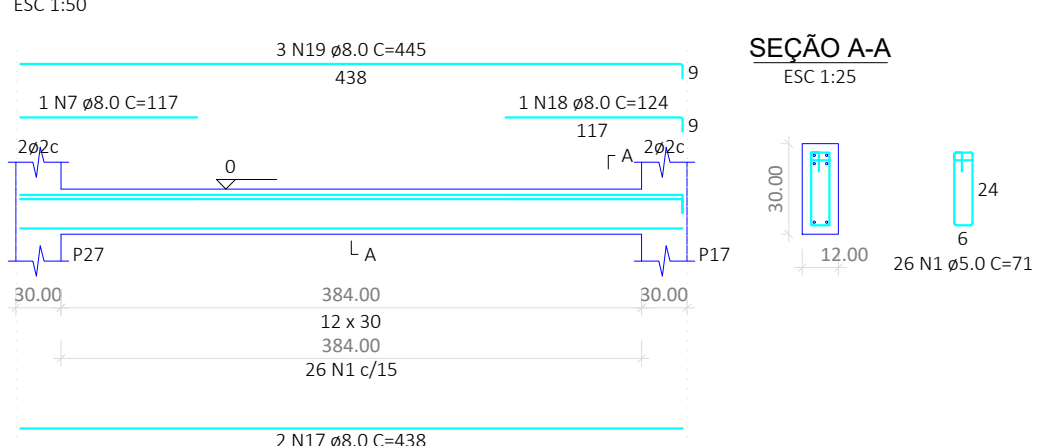
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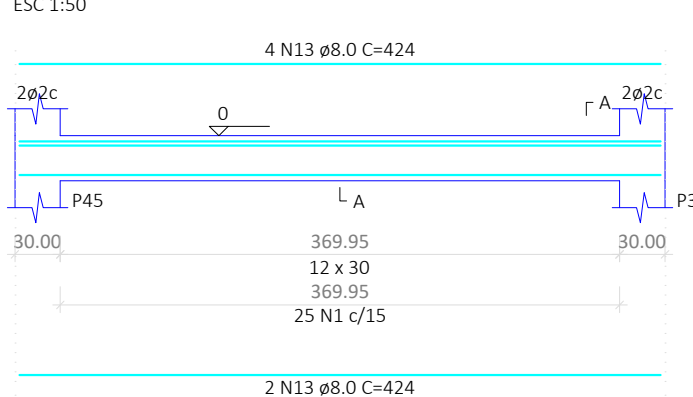
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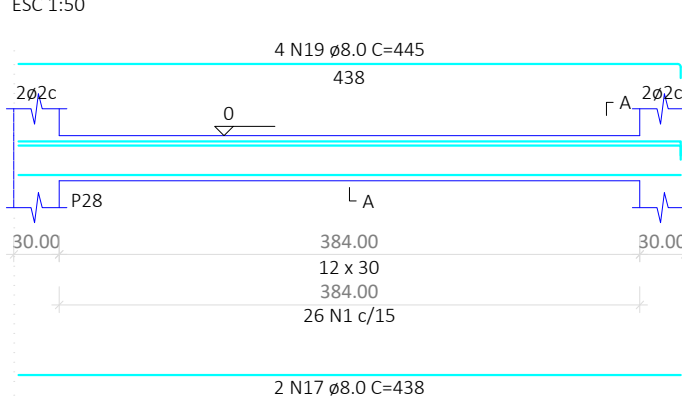
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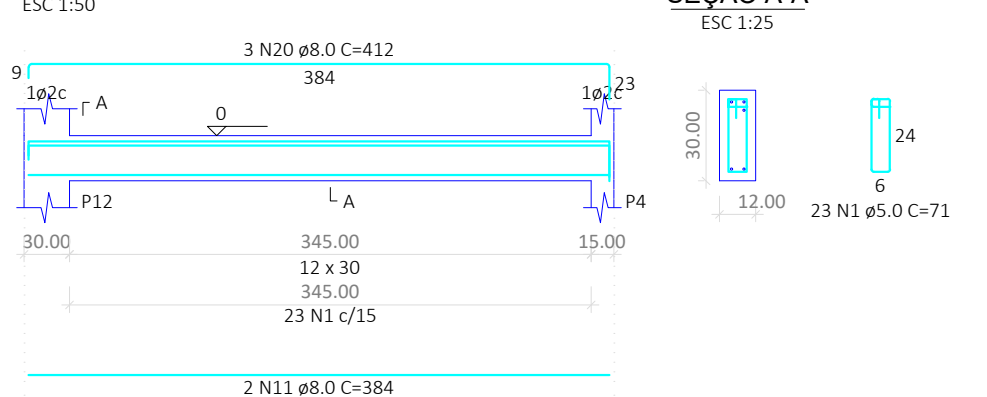
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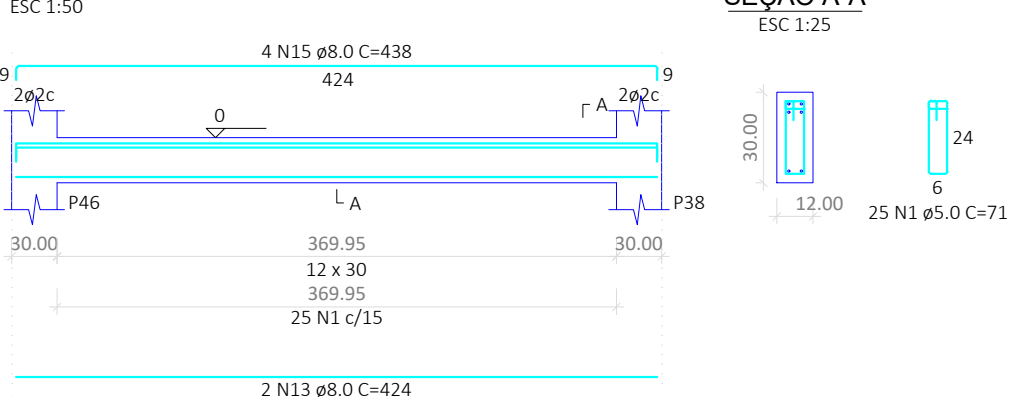
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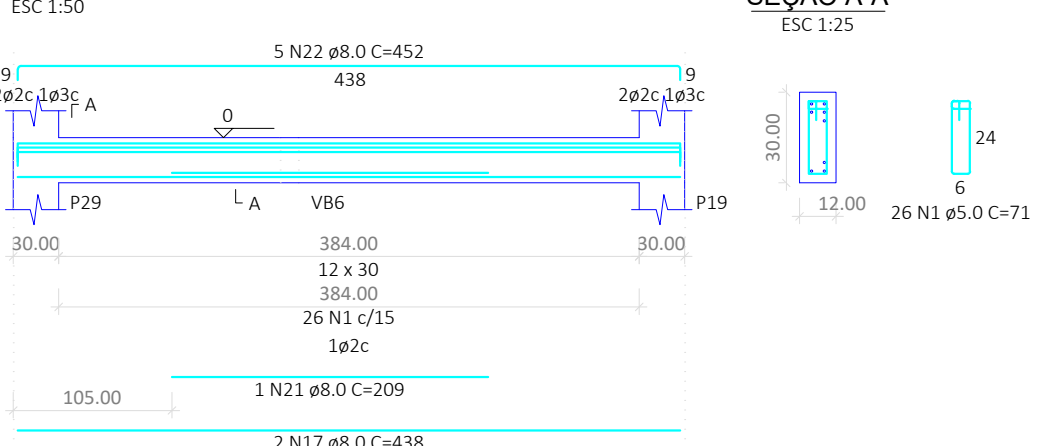
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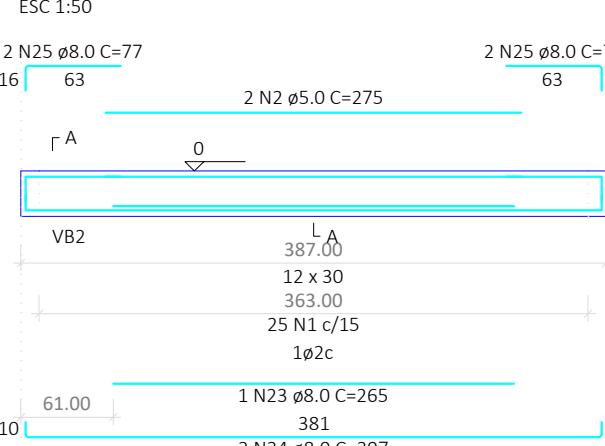
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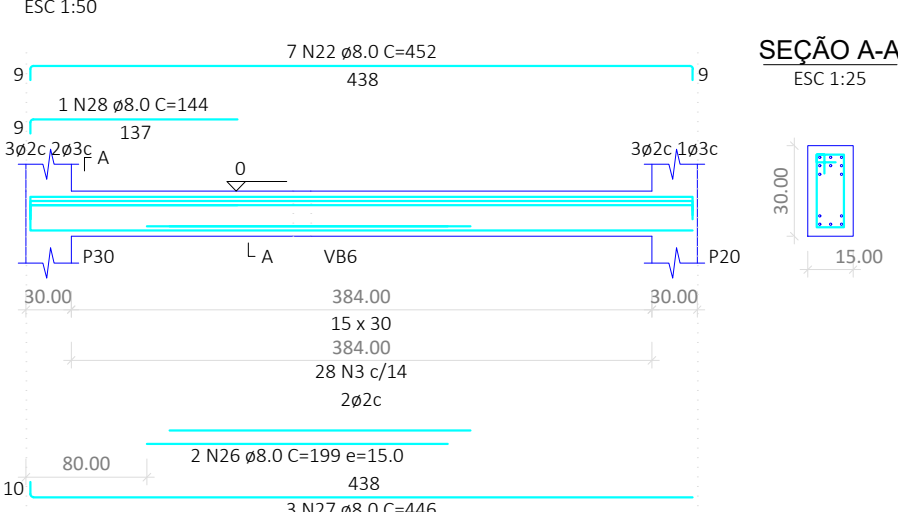
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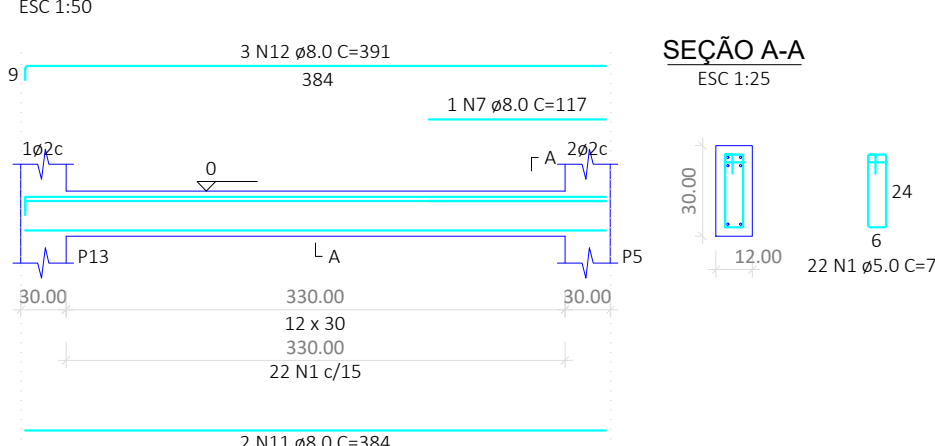
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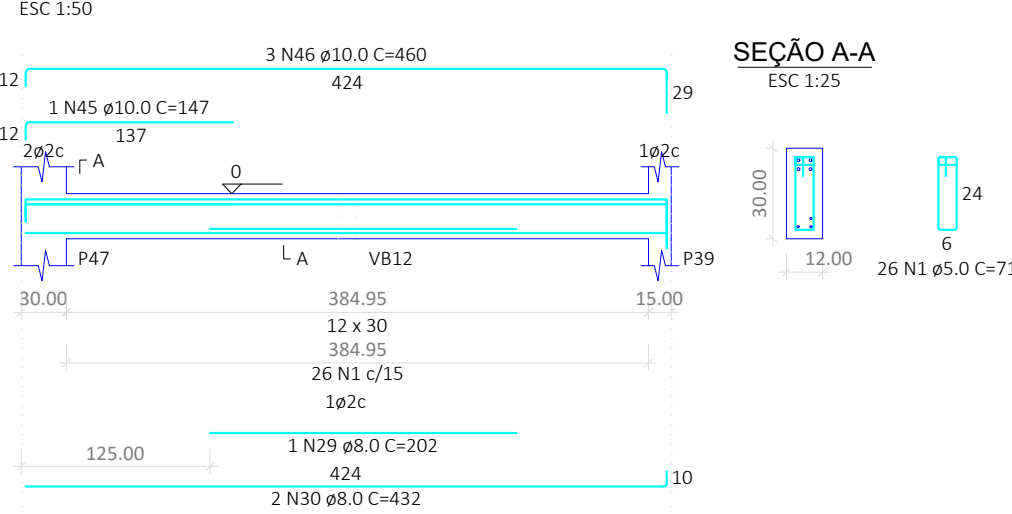
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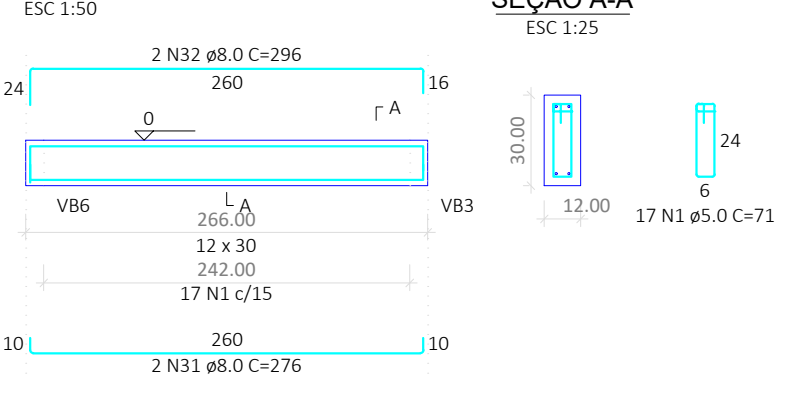
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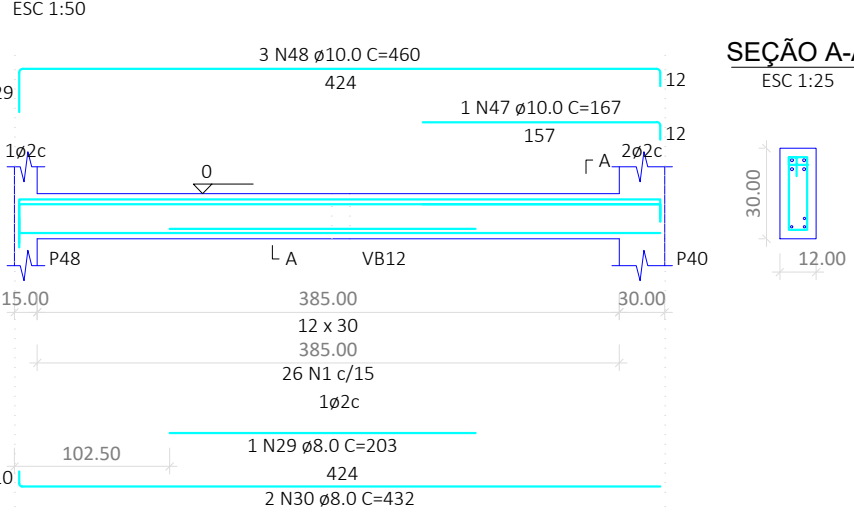
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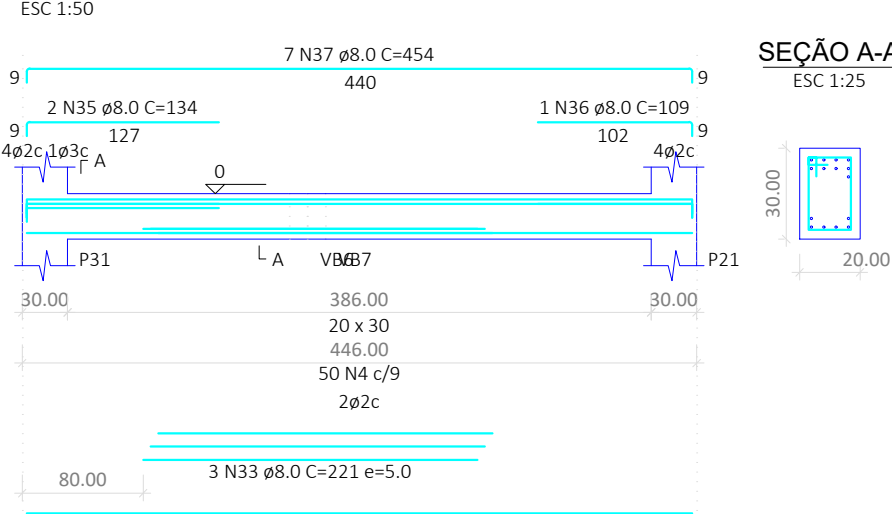
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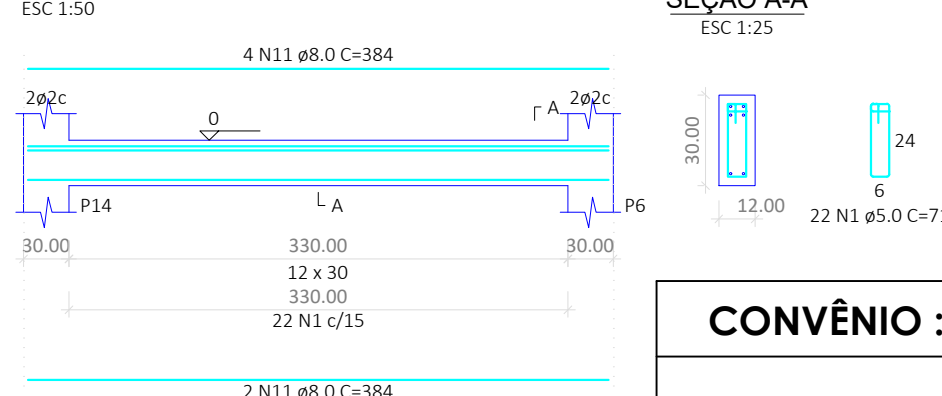
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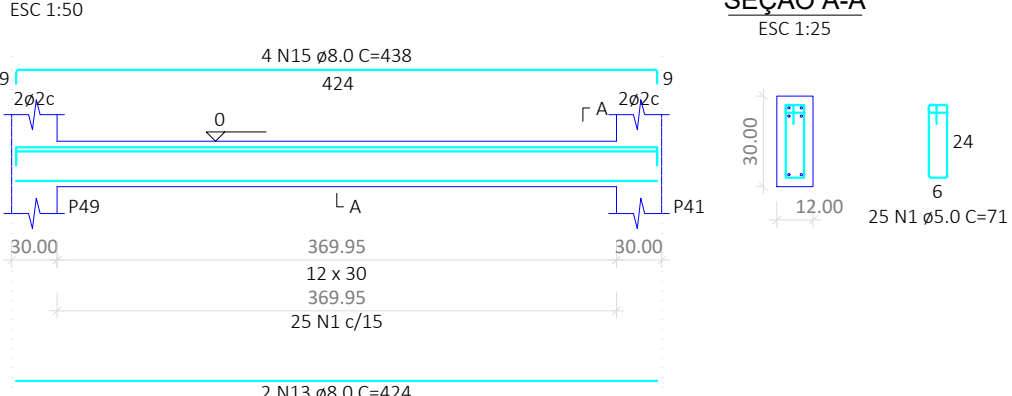
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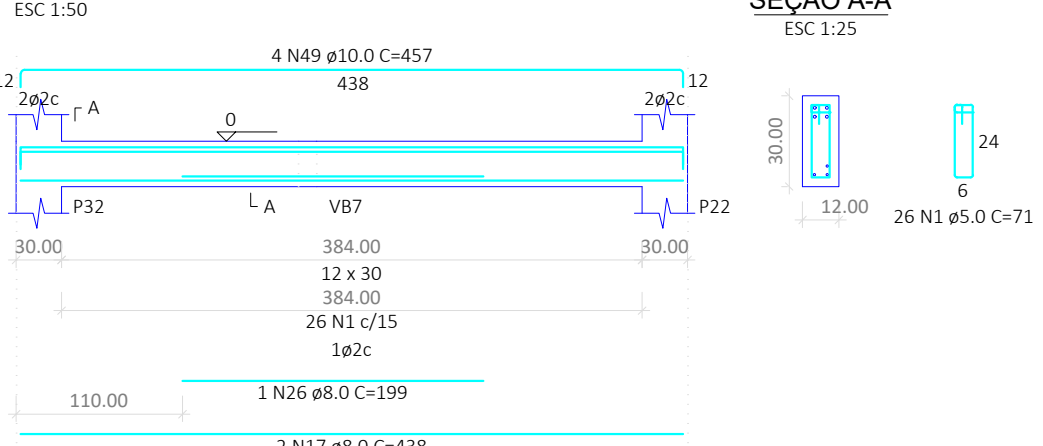
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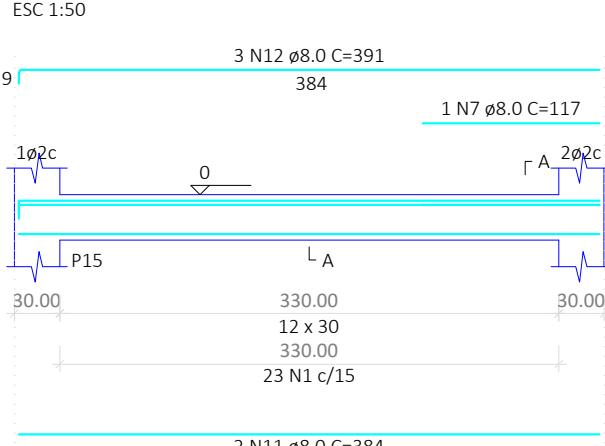
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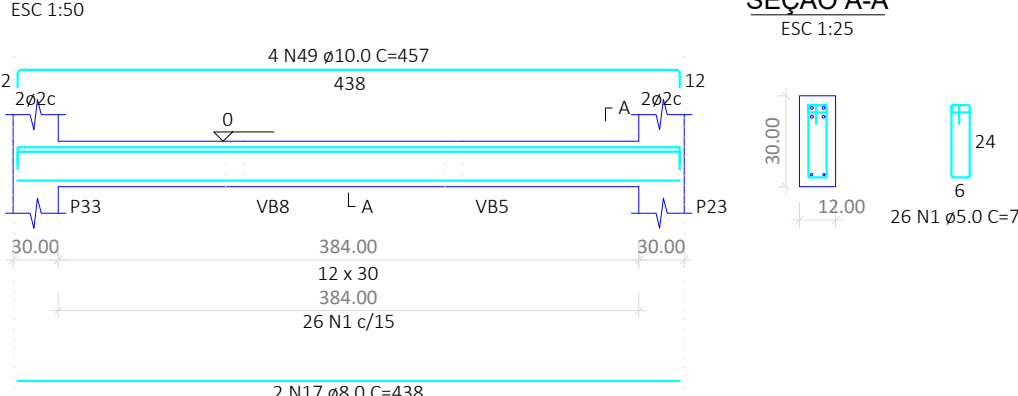
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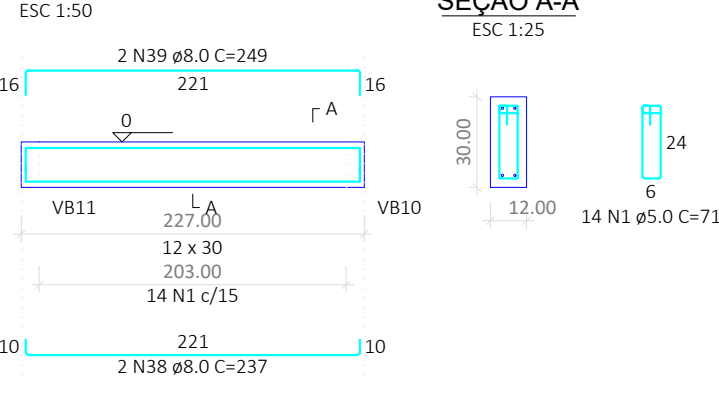
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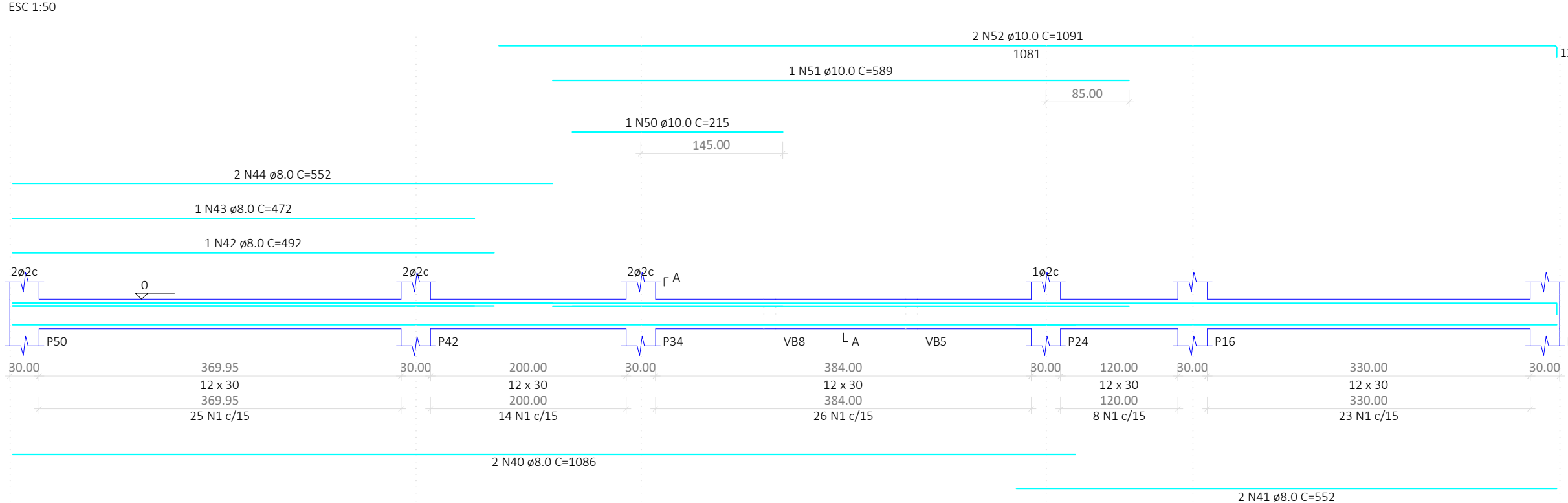
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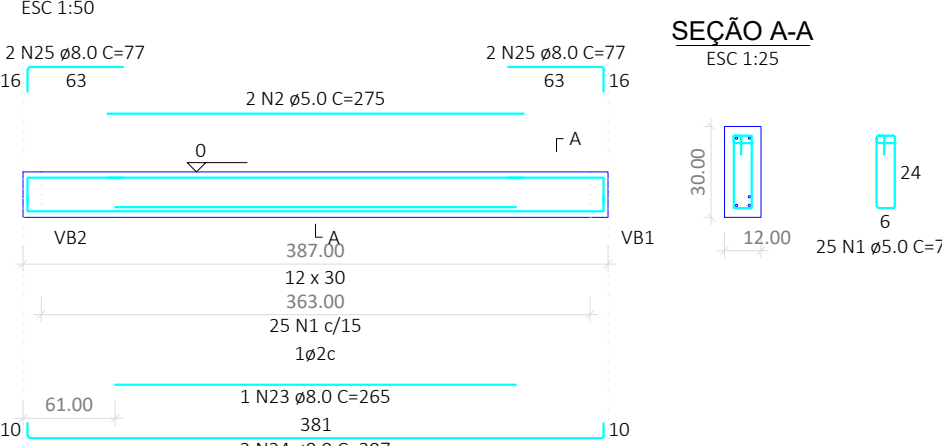
VB37



VB38



VB36



RELACÃO DO AÇO

| ACO | N | DIAM (mm) | QUANT | CLIMIT (cm) | C-TOTAL (cm) |
|------|----|-----------|-------|-------------|--------------|
| CA60 | 1 | 5.0 | 688 | 71 | 48848 |
| CA60 | 2 | 5.0 | 4 | 275 | 1100 |
| CA60 | 3 | 5.0 | 28 | 77 | 2156 |
| CA60 | 4 | 5.0 | 67 | 87 | 4350 |
| CA60 | 5 | 8.0 | 2 | 954 | 1908 |
| CA60 | 6 | 8.0 | 2 | 684 | 1368 |
| CA60 | 7 | 8.0 | 5 | 117 | 585 |
| CA60 | 8 | 8.0 | 1 | 195 | 195 |
| CA60 | 9 | 8.0 | 3 | 1200 | 3600 |
| CA60 | 10 | 8.0 | 3 | 443 | 1329 |
| CA60 | 11 | 8.0 | 16 | 384 | 6144 |
| CA60 | 12 | 8.0 | 9 | 391 | 3519 |
| CA60 | 13 | 8.0 | 12 | 424 | 5088 |
| CA60 | 14 | 8.0 | 1 | 149 | 149 |
| CA60 | 15 | 8.0 | 11 | 438 | 4818 |
| CA60 | 16 | 8.0 | 3 | 398 | 1194 |
| CA60 | 17 | 8.0 | 10 | 438 | 4380 |
| CA60 | 18 | 8.0 | 1 | 124 | 124 |
| CA60 | 19 | 8.0 | 7 | 445 | 3115 |
| CA60 | 20 | 8.0 | 3 | 412 | 1236 |
| CA60 | 21 | 8.0 | 1 | 209 | 209 |
| CA60 | 22 | 8.0 | 12 | 452 | 5424 |
| CA60 | 23 | 8.0 | 2 | 265 | 530 |
| CA60 | 24 | 8.0 | 4 | 397 | 1588 |
| CA60 | 25 | 8.0 | 8 | 77 | 616 |
| CA60 | 26 | 8.0 | 3 | 199 | 597 |
| CA60 | 27 | 8.0 | 3 | 446 | 1338 |
| CA60 | 28 | 8.0 | 1 | 144 | 144 |
| CA60 | 29 | 8.0 | 2 | 202 | 404 |
| CA60 | 30 | 8.0 | 4 | 432 | 1728 |
| CA60 | 31 | 8.0 | 2 | 276 | 552 |
| CA60 | 32 | 8.0 | 2 | 296 | 592 |
| CA60 | 33 | 8.0 | 3 | 221 | 663 |
| CA60 | 34 | 8.0 | 3 | 440 | 1320 |
| CA60 | 35 | 8.0 | 2 | 134 | 268 |
| CA60 | 36 | 8.0 | 1 | 109 | 109 |
| CA60 | 37 | 8.0 | 7 | 454 | 3178 |
| CA60 | 38 | 8.0 | 2 | 237 | 474 |
| CA60 | 39 | 8.0 | 2 | 249 | 498 |
| CA60 | 40 | 8.0 | 2 | 1086 | 2172 |
| CA60 | 41 | 8.0 | 2 | 552 | 1104 |
| CA60 | 42 | 8.0 | 1 | 492 | 492 |
| CA60 | 43 | 8.0 | 1 | 472 | 472 |
| CA60 | 44 | 8.0 | 2 | 552 | 1104 |
| CA60 | 45 | 10.0 | 1 | 147 | 147 |
| CA60 | 46 | 10.0 | 3 | 460 | 1380 |
| CA60 | 47 | 10.0 | 1 | 167 | 167 |
| CA60 | 48 | 10.0 | 3 | 460 | 1380 |
| CA60 | 49 | 10.0 | 8 | 457 | 3656 |
| CA60 | 50 | 10.0 | 1 | 215 | 215 |
| CA60 | 51 | 10.0 | 1 | 589 | 589 |
| CA60 | 52 | 10.0 | 2 | 1091 | 2182 |

RESUMO DO AÇO

| ACO | DIAM (mm) | C-TOTAL (m) | PESO + 0% (kg) |
|-----------------|-----------|-------------|----------------|
| CA50 | 8.0 | 643.3 | 253.8 |
| CA60 | 10.0 | 97.2 | 59.9 |
| CA60 | 5.0 | 564.5 | 87 |
| PESO TOTAL (kg) | | 313.7 | 87 |

Volume de concreto (C-25) = 4.63 m³
Área de forma = 90.24 m²

CONVÊNIO :

OBRA : UNIDADE BÁSICA DE SAÚDE – PORTE I

ENDEREÇO DA OBRA : PROJETO DE ASSENTAMENTO PROVIDÊNCIA, S/N , ZONA RURAL, BERNARDO SAYÃO – TO

PROPRIETÁRIO : FUNDO MUNICIPAL DE SAÚDE DE BERNARDO SAYÃO
CNPJ: 11.408.686/0001-70

AUTOR DO PROJETO : LEONARDO SOUSA AMORIM
ENG. CIVIL CREA 307258/D-TO

ESCALA INDICADA : DATA SETEMBRO / 2024 RESP. DESENHO LEONARDO (63) 99278-6334

CONTEÚDO : DETALHE VIGAS BALDRAME – VB14 A VB 38

QUADRO DE ÁREAS :

ÁREA : VER PROJETO ARQUITETÔNICO

LSA ENGENHARIA

Rua Raul do Espírito Santo, Nº 1373 - CEP: 77640-00
CNPJ: 28.748.127/0001-93
Cidade do Tocantins - TO
(63) 99278-6334
e-mail: lsaengenharia@outlook.com

FOLHA : A1

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