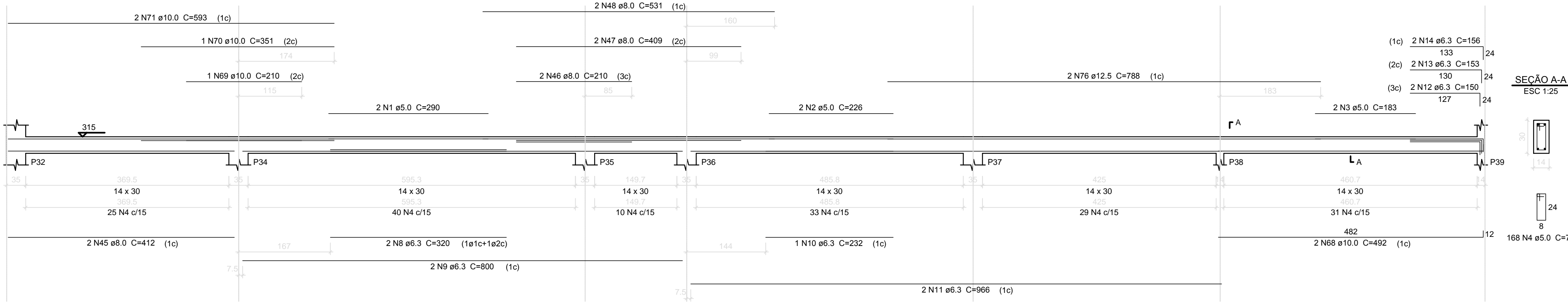


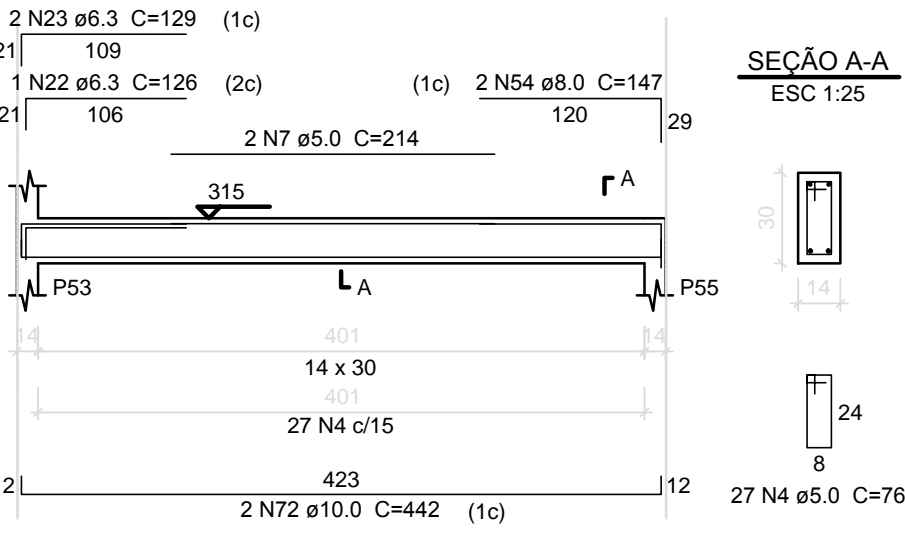
VR6

ESC 1:50



VR9

ESC 1:50



Relação do aço

| VR6 | VR7 | VR8 | | | |
|------|------|-----------|-------|-------------|--------------|
| VR9 | VR10 | VR11 | | | |
| VR12 | VR13 | VR14 | | | |
| VR15 | VR16 | | | | |
| AÇO | N | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
| CA60 | 1 | 5.0 | 2 | 290 | 580 |
| | 2 | 5.0 | 2 | 226 | 452 |
| | 3 | 5.0 | 2 | 183 | 366 |
| | 4 | 5.0 | 348 | 76 | 26448 |
| CA50 | 5 | 5.0 | 2 | 206 | 412 |
| | 6 | 5.0 | 379 | 84 | 31836 |
| | 7 | 5.0 | 2 | 214 | 428 |
| | 8 | 6.3 | 2 | 320 | 640 |
| | 9 | 6.3 | 2 | 800 | 1600 |
| | 10 | 6.3 | 1 | 232 | 232 |
| | 11 | 6.3 | 2 | 966 | 1932 |
| | 12 | 6.3 | 2 | 150 | 300 |
| | 13 | 6.3 | 2 | 153 | 306 |
| | 14 | 6.3 | 2 | 156 | 312 |
| | 15 | 6.3 | 2 | 981 | 1962 |
| | 16 | 6.3 | 2 | 262 | 524 |
| | 17 | 6.3 | 2 | 797 | 1594 |
| | 18 | 6.3 | 1 | 119 | 119 |
| | 19 | 6.3 | 2 | 122 | 244 |
| | 20 | 6.3 | 3 | 338 | 1014 |
| | 21 | 6.3 | 3 | 377 | 1131 |
| | 22 | 6.3 | 1 | 126 | 126 |
| | 23 | 6.3 | 2 | 129 | 258 |
| | 24 | 6.3 | 1 | 156 | 156 |
| | 25 | 6.3 | 2 | 337 | 674 |
| | 26 | 6.3 | 4 | 291 | 1164 |
| | 27 | 6.3 | 2 | 482 | 964 |
| | 28 | 6.3 | 1 | 209 | 209 |
| | 29 | 6.3 | 1 | 211 | 211 |
| | 30 | 6.3 | 2 | 897 | 1794 |
| | 31 | 6.3 | 1 | 205 | 205 |
| | 32 | 6.3 | 2 | 427 | 854 |
| 33 | 6.3 | 1 | 182 | 182 | |
| 34 | 6.3 | 1 | 250 | 250 | |
| 35 | 6.3 | 1 | 164 | 164 | |
| 36 | 6.3 | 2 | 1041 | 2082 | |
| 37 | 6.3 | 2 | 172 | 344 | |
| 38 | 6.3 | 2 | 366 | 732 | |
| 39 | 6.3 | 2 | 251 | 502 | |
| 40 | 6.3 | 2 | 477 | 954 | |
| 41 | 6.3 | 3 | 906 | 2718 | |
| 42 | 6.3 | 1 | 176 | 176 | |
| 43 | 6.3 | 2 | 727 | 1454 | |
| 44 | 6.3 | 2 | 699 | 1398 | |
| 45 | 8.0 | 2 | 412 | 824 | |
| 46 | 8.0 | 2 | 210 | 420 | |
| 47 | 8.0 | 2 | 409 | 818 | |
| 48 | 8.0 | 2 | 531 | 1062 | |
| 49 | 8.0 | 1 | 623 | 623 | |
| 50 | 8.0 | 2 | 168 | 336 | |
| 51 | 8.0 | 1 | 333 | 333 | |
| 52 | 8.0 | 2 | 1198 | 2396 | |
| 53 | 8.0 | 2 | 384 | 768 | |
| 54 | 8.0 | 2 | 147 | 294 | |
| 55 | 8.0 | 2 | 385 | 770 | |
| 56 | 8.0 | 1 | 281 | 281 | |
| 57 | 8.0 | 1 | 166 | 166 | |
| 58 | 8.0 | 4 | 1198 | 4792 | |
| 59 | 8.0 | 2 | 252 | 504 | |
| 60 | 8.0 | 1 | 896 | 896 | |
| 61 | 8.0 | 2 | 1200 | 2400 | |
| 62 | 8.0 | 2 | 306 | 612 | |
| 63 | 8.0 | 4 | 528 | 2112 | |
| 64 | 8.0 | 1 | 246 | 246 | |
| 65 | 8.0 | 1 | 152 | 152 | |
| 66 | 8.0 | 2 | 540 | 1080 | |
| 67 | 8.0 | 2 | 712 | 1424 | |
| 68 | 10.0 | 2 | 492 | 984 | |
| 69 | 10.0 | 1 | 210 | 210 | |
| 70 | 10.0 | 1 | 351 | 351 | |
| 71 | 10.0 | 2 | 593 | 1186 | |
| 72 | 10.0 | 2 | 442 | 884 | |
| 73 | 10.0 | 1 | 220 | 220 | |
| 74 | 10.0 | 1 | 224 | 224 | |
| 75 | 10.0 | 2 | 551 | 1102 | |
| 76 | 12.5 | 2 | 788 | 1576 | |

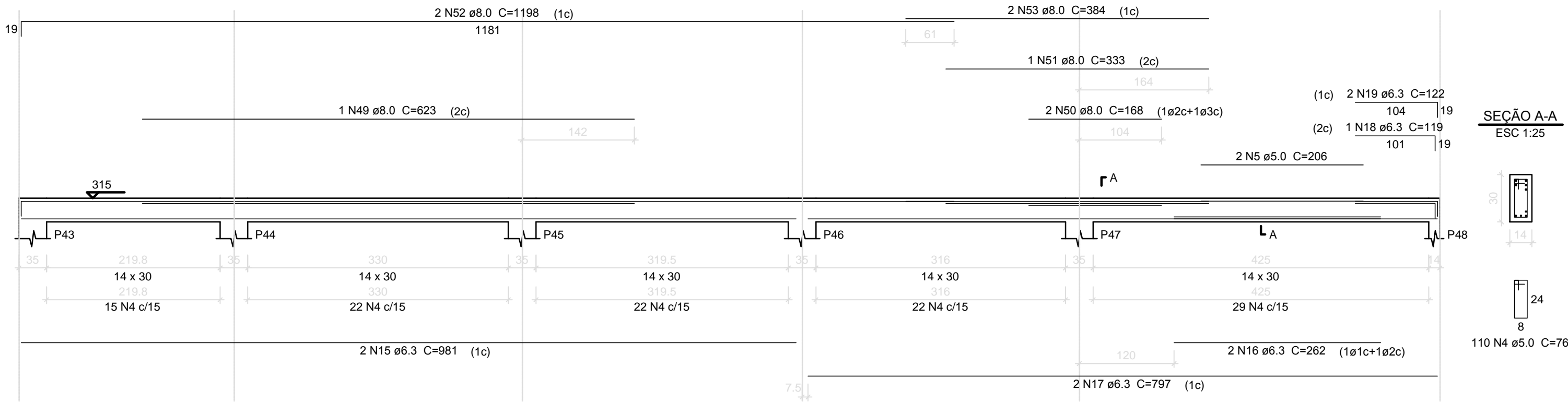
Resumo do aço

| AÇO | DIAM (mm) | C.TOTAL (m) | PESO (kg) |
|-----------------|-----------|-------------|-----------|
| CA50 | 6.3 | 294.9 | 72.1 |
| | 8.0 | 233.1 | 92 |
| | 10.0 | 51.7 | 31.8 |
| | 12.5 | 15.8 | 15.2 |
| CA60 | 5.0 | 605.3 | 93.3 |
| PESO TOTAL (kg) | | | |
| CA50 | 211.1 | | |
| CA60 | 93.3 | | |

Volume de concreto (C-25) = 5.63 m³
Área de forma = 88.78 m²

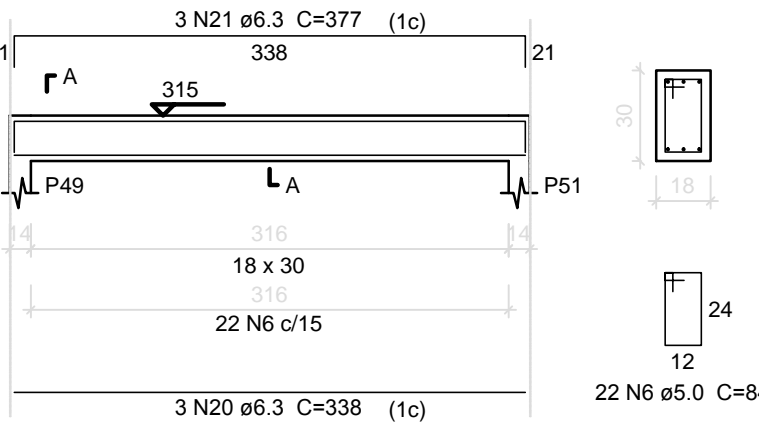
VR7

ESC 1:50



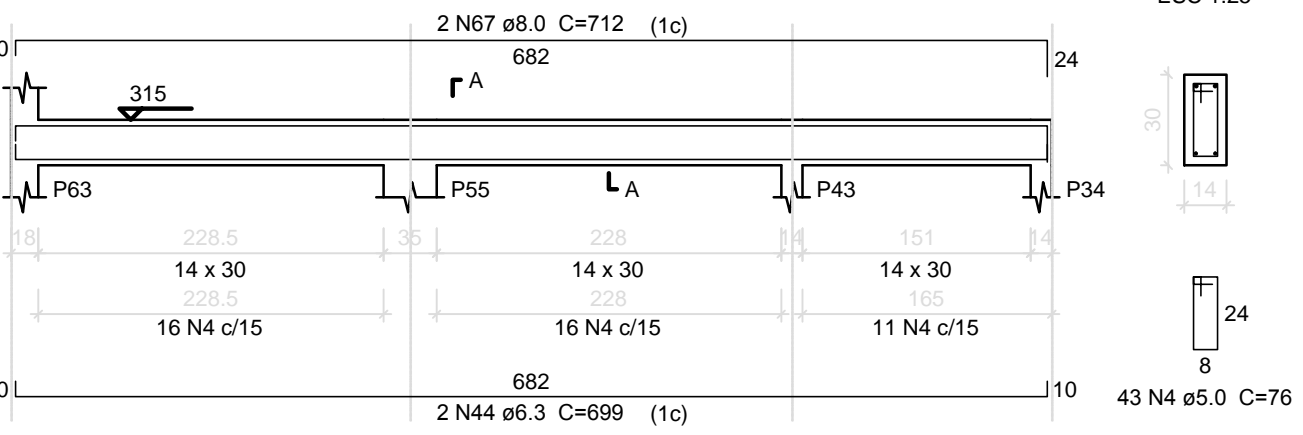
VR8

ESC 1:50



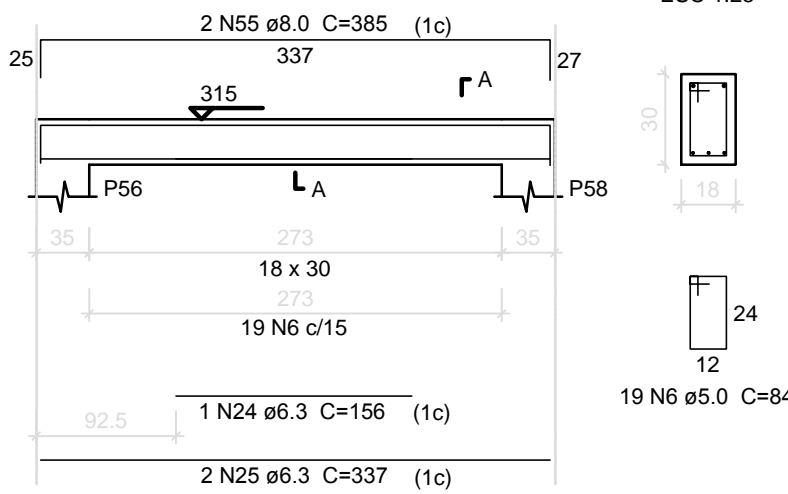
VR16

ESC 1:50



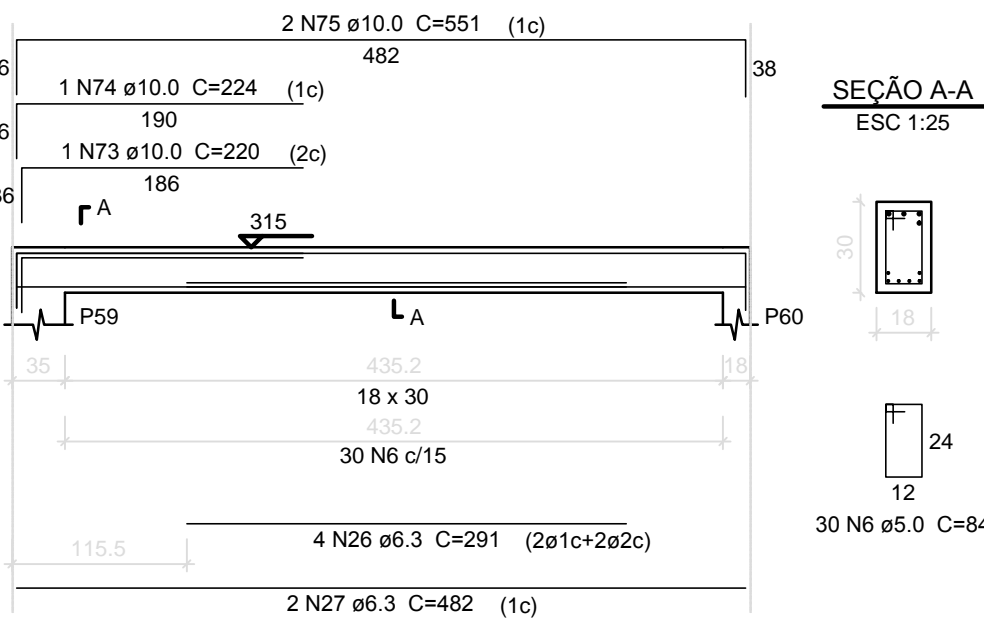
VR10

ESC 1:50



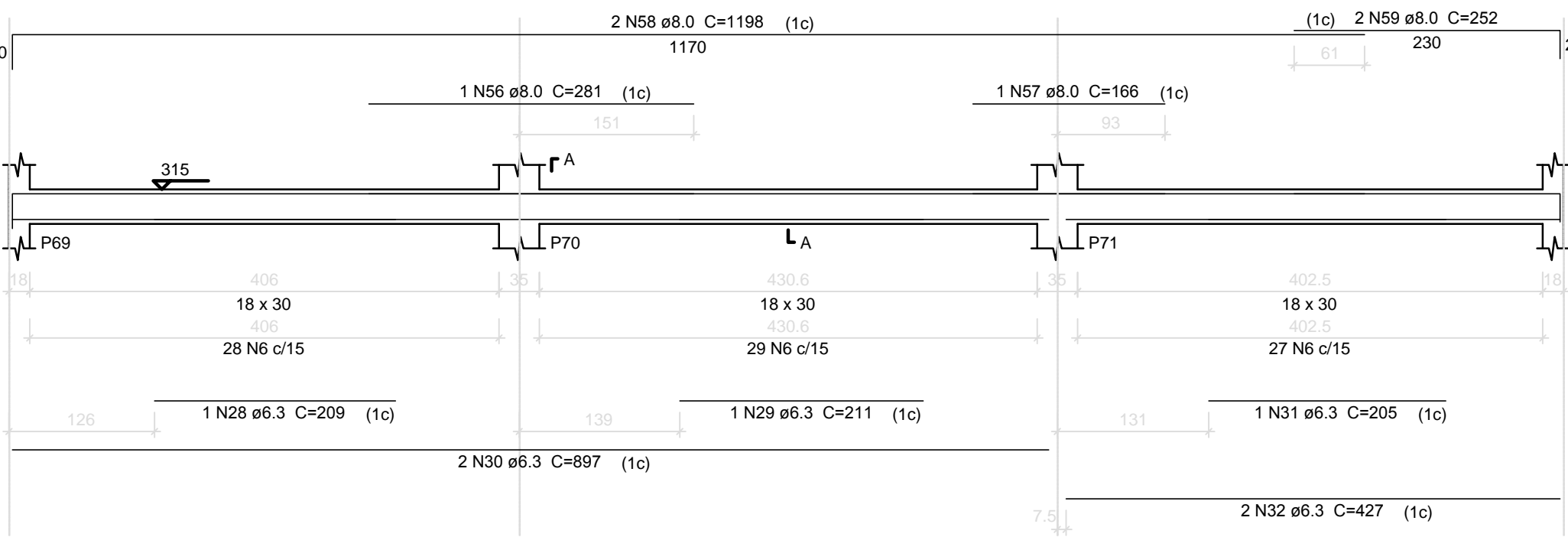
VR11

ESC 1:50



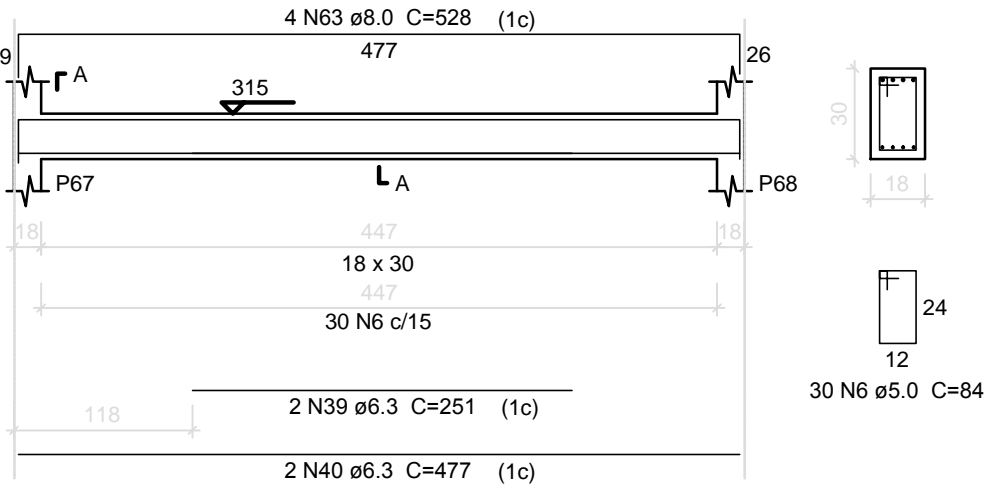
VR12

ESC 1:50



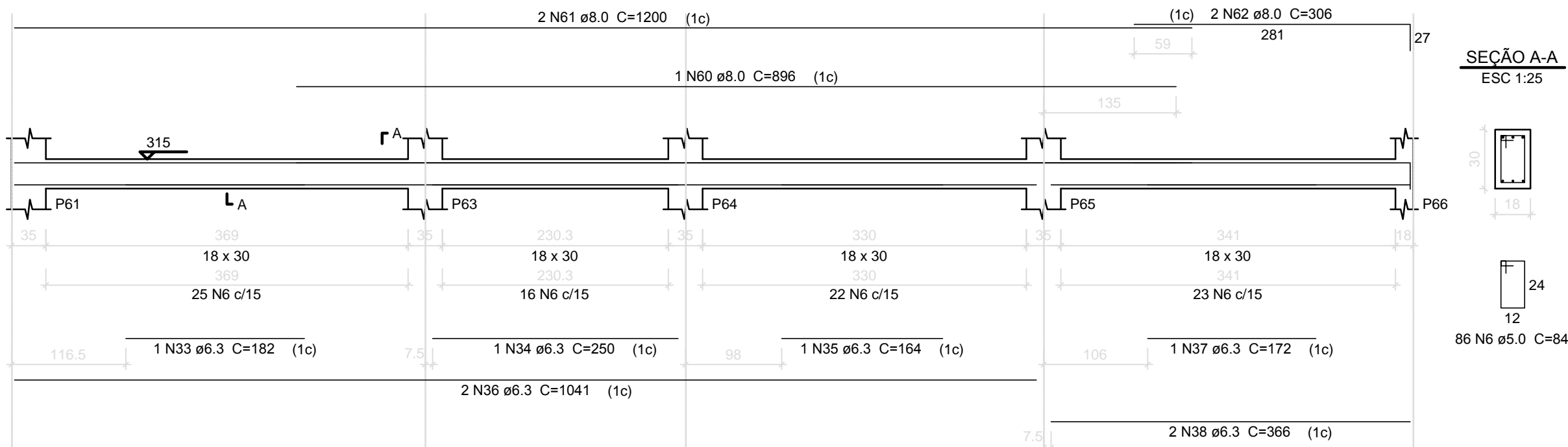
VR14

ESC 1:50



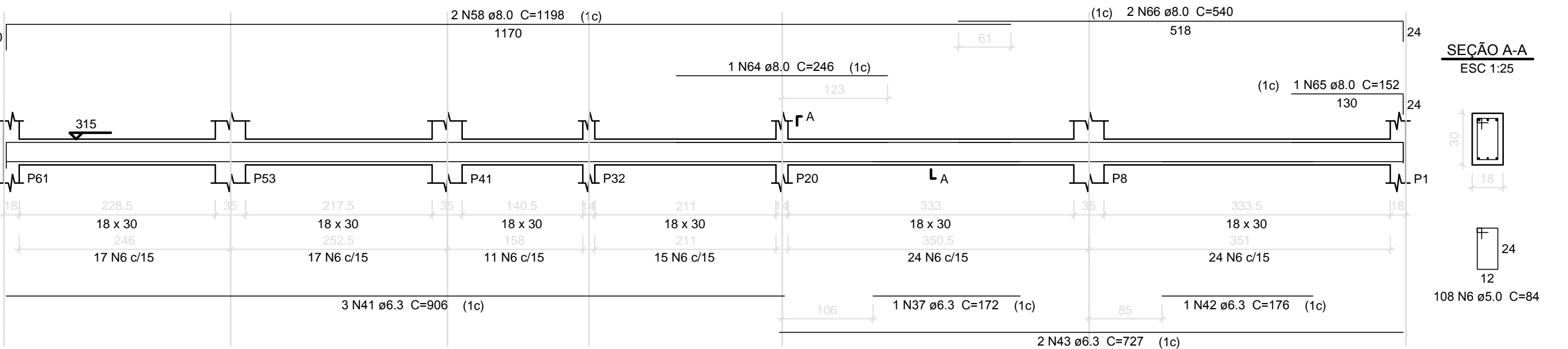
VR13

ESC 1:50



VR15

ESC 1:50



SECRETARIA DE PLANEJAMENTO E GESTÃO

EMEF SÍTIO FLORESTA

PROLONGAMENTO DA RUA ABRILINO FERREIRA CARDOSO, 2976

VIGAS RESPALDO - BLOCO D- 02/03

EQUIPE TÉCNICA DA SEPLAG

ARQ. ELISE LOPES DUTRA CAU A46844-4

ENG. PATRICIA WALTZER DA SILVA - CREA 139996

prefeitura de Pelotas vamos compartilhar a cidade

Plancha 10/24

Escala INDICADA

Data FEV / 2018