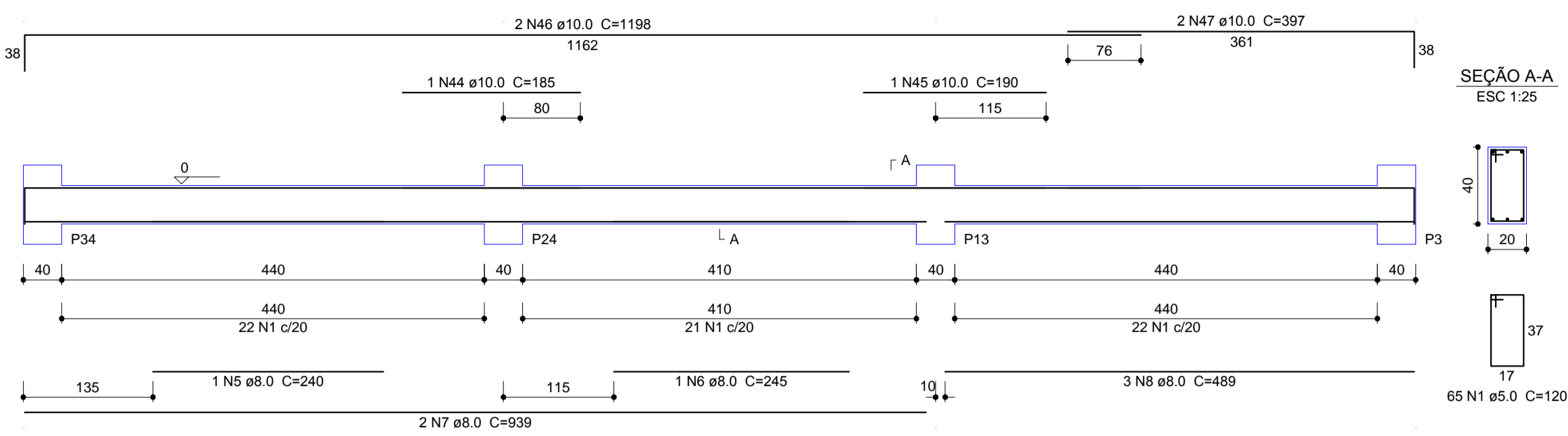
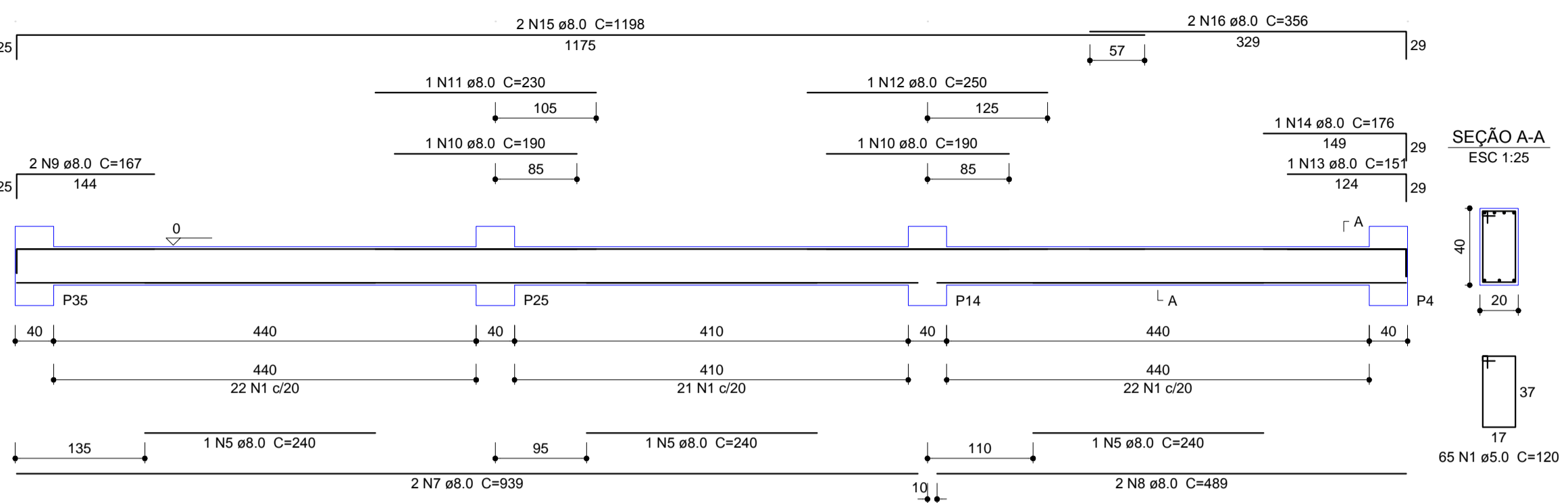


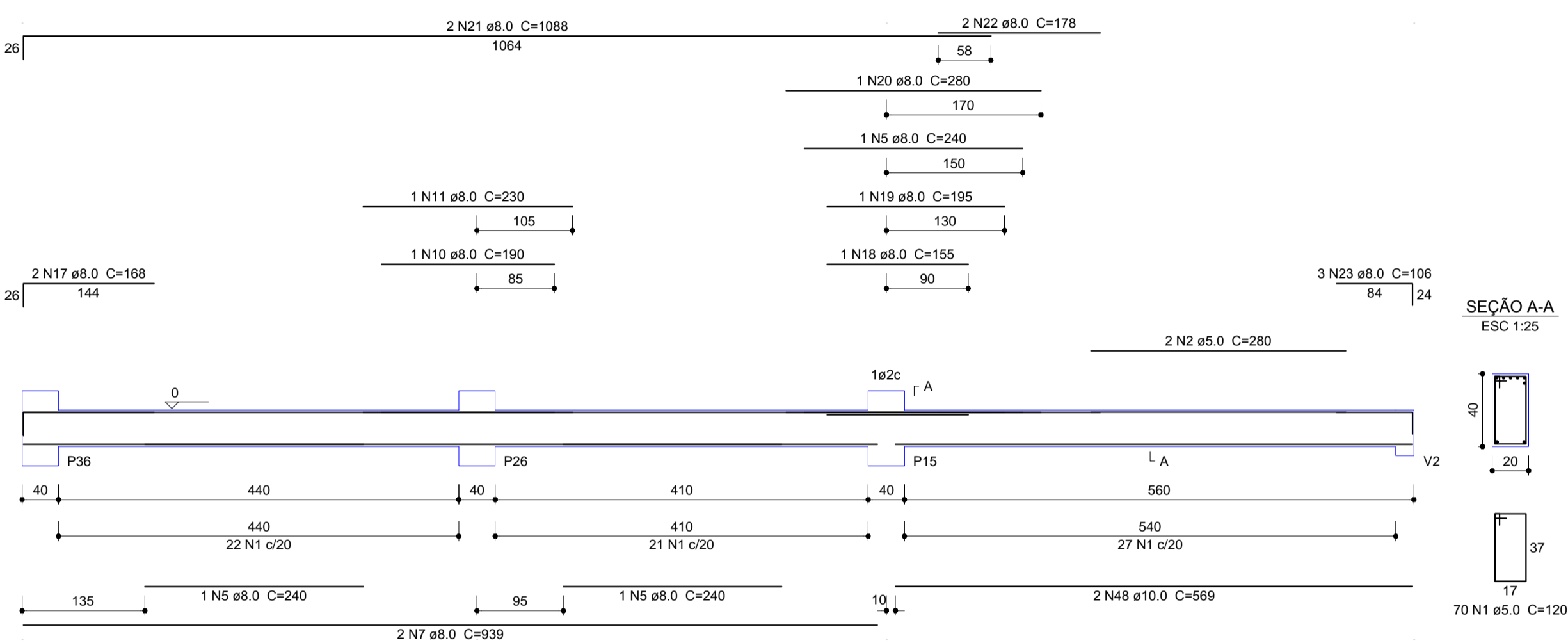
V21
ESC 1:50



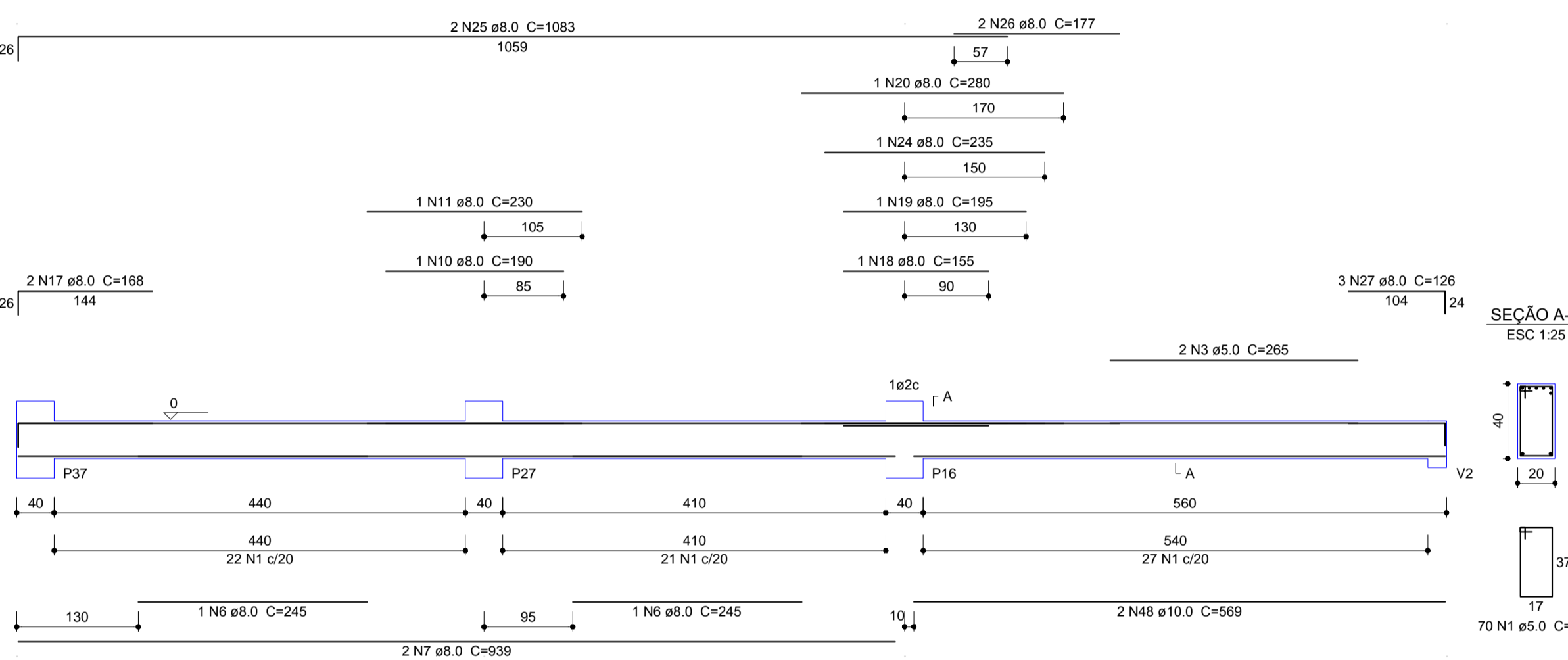
V22
ESC 1:50



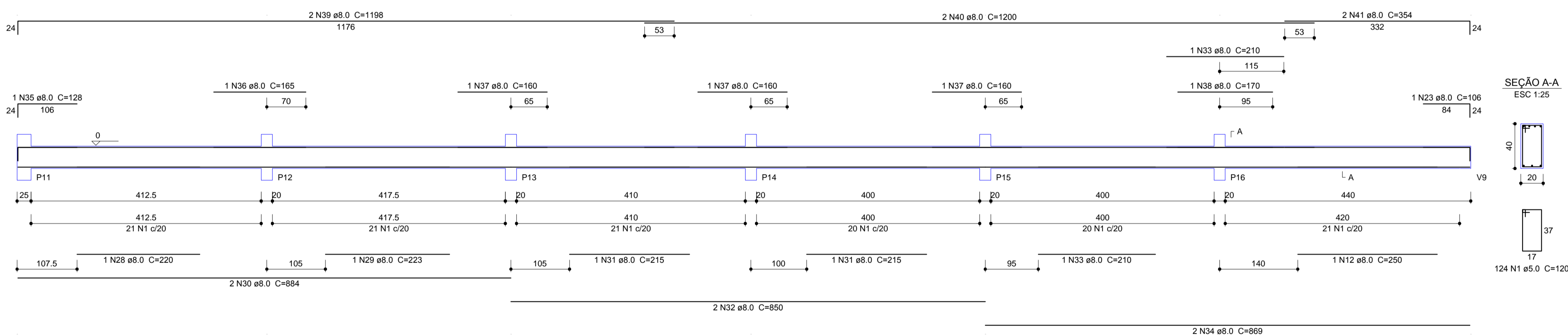
V23
ESC 1:50



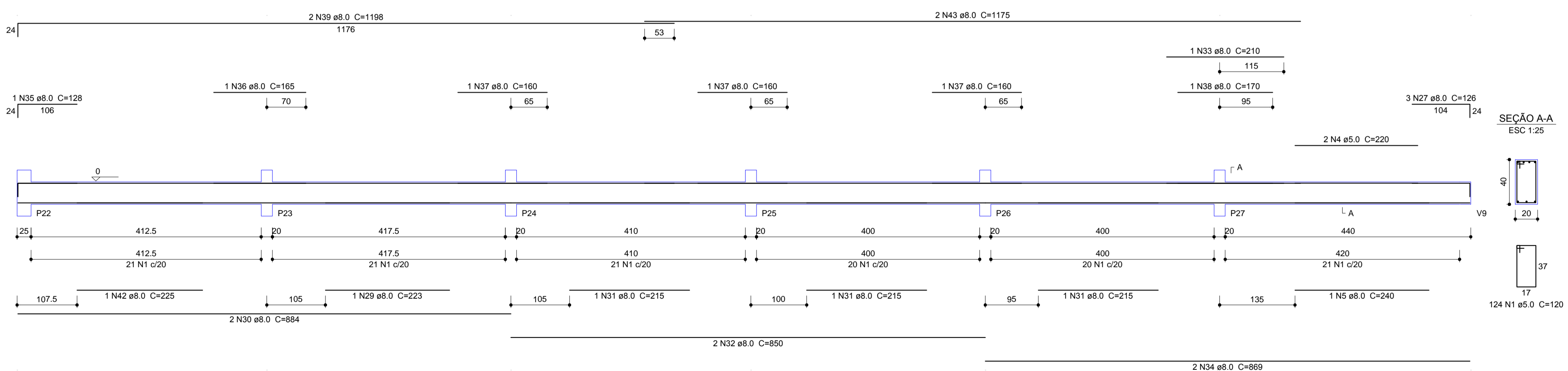
V24
ESC 1:50



V25
ESC 1:50



V26
ESC 1:50



Relação do aço

| AÇO | N | DIAM (mm) | QUANT (Barras) | UNIT (cm) | C.TOTAL (cm) |
|------|------|-----------|----------------|-----------|--------------|
| CA60 | 1 | 5.0 | 518 | 120 | 62160 |
| | 2 | 5.0 | 2 | 280 | 560 |
| | 3 | 5.0 | 2 | 265 | 530 |
| | 4 | 5.0 | 2 | 220 | 440 |
| | 5 | 8.0 | 8 | 240 | 1920 |
| | 6 | 8.0 | 3 | 245 | 735 |
| | 7 | 8.0 | 8 | 939 | 7512 |
| | 8 | 8.0 | 5 | 489 | 2445 |
| | 9 | 8.0 | 2 | 167 | 334 |
| | 10 | 8.0 | 4 | 190 | 760 |
| CA50 | 11 | 8.0 | 3 | 230 | 690 |
| | 12 | 8.0 | 2 | 250 | 500 |
| | 13 | 8.0 | 1 | 151 | 151 |
| | 14 | 8.0 | 1 | 176 | 176 |
| | 15 | 8.0 | 2 | 1198 | 2396 |
| | 16 | 8.0 | 2 | 356 | 712 |
| | 17 | 8.0 | 4 | 168 | 672 |
| | 18 | 8.0 | 2 | 155 | 310 |
| | 19 | 8.0 | 2 | 195 | 390 |
| | 20 | 8.0 | 2 | 280 | 560 |
| | 21 | 8.0 | 2 | 1088 | 2176 |
| | 22 | 8.0 | 2 | 178 | 356 |
| | 23 | 8.0 | 4 | 106 | 424 |
| | 24 | 8.0 | 1 | 235 | 235 |
| | 25 | 8.0 | 2 | 1083 | 2166 |
| | 26 | 8.0 | 2 | 177 | 354 |
| | 27 | 8.0 | 6 | 126 | 756 |
| | 28 | 8.0 | 1 | 220 | 220 |
| 29 | 8.0 | 2 | 223 | 446 | |
| 30 | 8.0 | 4 | 884 | 3536 | |
| 31 | 8.0 | 5 | 215 | 1075 | |
| 32 | 8.0 | 4 | 850 | 3400 | |
| 33 | 8.0 | 3 | 210 | 630 | |
| 34 | 8.0 | 4 | 869 | 3476 | |
| 35 | 8.0 | 2 | 128 | 256 | |
| 36 | 8.0 | 2 | 165 | 330 | |
| 37 | 8.0 | 6 | 160 | 960 | |
| 38 | 8.0 | 2 | 170 | 340 | |
| 39 | 8.0 | 4 | 1198 | 4792 | |
| 40 | 8.0 | 2 | 1200 | 2400 | |
| 41 | 8.0 | 2 | 354 | 708 | |
| 42 | 8.0 | 1 | 225 | 225 | |
| 43 | 8.0 | 2 | 1175 | 2350 | |
| 44 | 10.0 | 1 | 185 | 185 | |
| 45 | 10.0 | 1 | 190 | 190 | |
| 46 | 10.0 | 2 | 1198 | 2396 | |
| 47 | 10.0 | 2 | 397 | 794 | |
| 48 | 10.0 | 4 | 569 | 2276 | |

Resumo do aço

| AÇO | DIAM (mm) | C.TOTAL (m) | PESO + 10% (kg) |
|-----------------|-----------|-------------|-----------------|
| CA50 | 8.0 | 518.8 | 225.2 |
| CA50 | 10.0 | 68.5 | 30.6 |
| CA60 | 5.0 | 636.9 | 108 |
| PESO TOTAL (kg) | | | |
| CA50 | | 264.8 | |
| CA60 | | 108 | |

Volume de concreto (C-25) = 8.94 m³
Área de forma = 111.7 m²

PROJETO: PROJETO ESTRUTURAL CRECHE DE COXILHA

RESPONSÁVEL TÉCNICO:

PAULO FRANCISCO MORANDO
ENG. CIVIL - CREA 53622

DESENHO:

FERRAGEM DAS VIGAS DE BALDRAMES

PROPRIETÁRIO:

PREFEITURA MUNICIPAL DE COXILHA

ÁREA:

m²

ESCALA:

1/50

DATA:

JUNHO/19

PRCHA:

04



R. Capitão Eleutério, 610, sala 104
Fone: 3313-5454 - 9981-2306
Passo Fundo - RS.