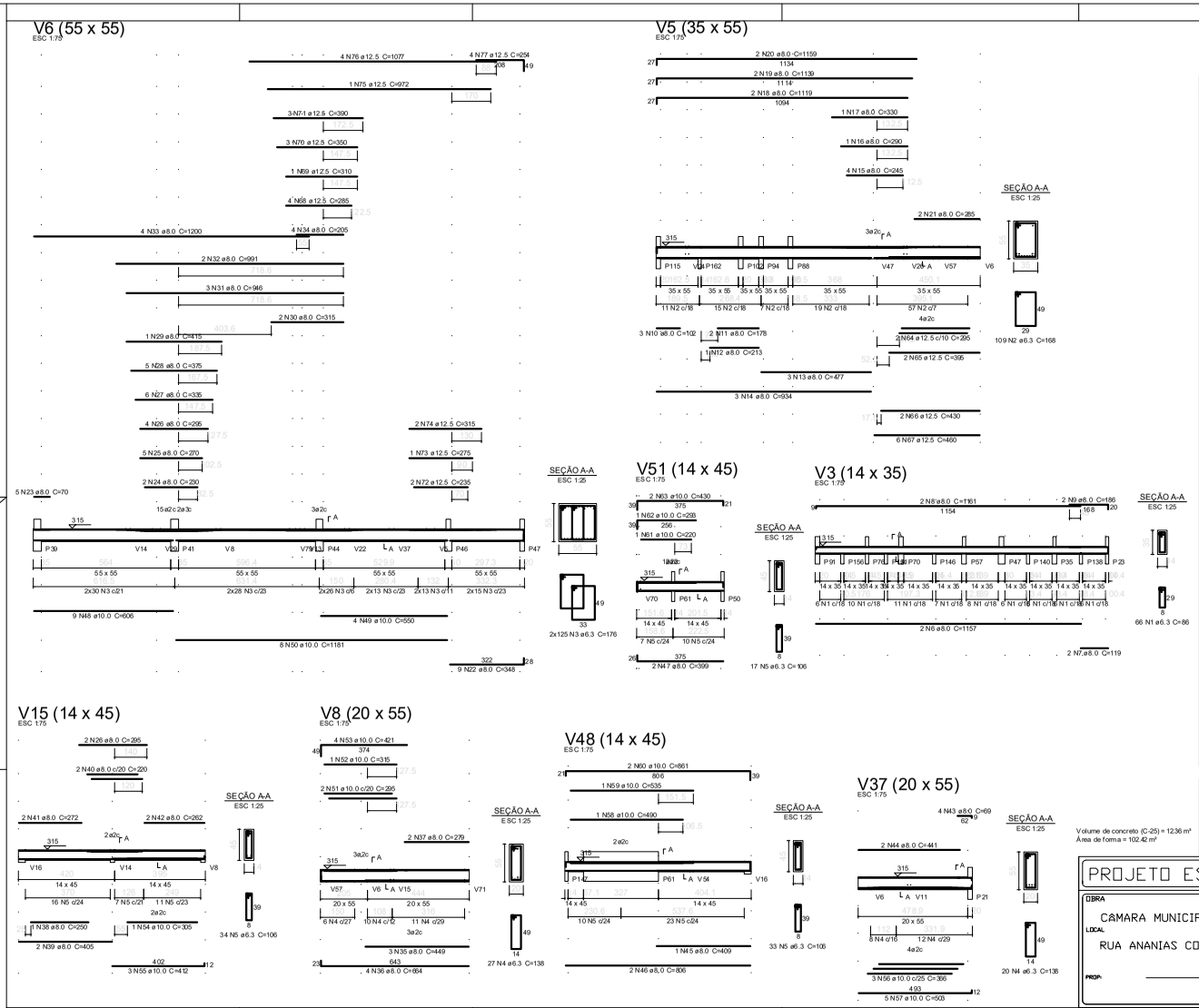


## Relação do aço

V3 V5 V6
V8 V15 V37
V48 V51

| AÇO | N | DIAM (mm) | QUANT (Barras) | UNIT (cm) | C.TOTAL (cm) |
|---|---|---|---|---|---|
| CA50 | 1 | 6.3 | 66 | 86 | 5676 |
| | 2 | 6.3 | 109 | 168 | 18312 |
| | 3 | 6.3 | 250 | 176 | 44000 |
| | 4 | 6.3 | 47 | 138 | 6486 |
| | 5 | 6.3 | 84 | 106 | 8904 |
| | 6 | 8.0 | 2 | 1157 | 2314 |
| | 7 | 8.0 | 2 | 119 | 238 |
| | 8 | 8.0 | 2 | 1161 | 2322 |
| | 9 | 8.0 | 2 | 186 | 372 |
| | 10 | 8.0 | 3 | 102 | 306 |
| | 11 | 8.0 | 2 | 178 | 356 |
| | 12 | 8.0 | 1 | 213 | 213 |
| | 13 | 8.0 | 3 | 477 | 1431 |
| | 14 | 8.0 | 3 | 934 | 2802 |
| | 15 | 8.0 | 4 | 245 | 980 |
| | 16 | 8.0 | 1 | 290 | 290 |
| | 17 | 8.0 | 1 | 330 | 330 |
| | 18 | 8.0 | 2 | 1119 | 2238 |
| | 19 | 8.0 | 2 | 1139 | 2278 |
| | 20 | 8.0 | 2 | 1159 | 2318 |
| | 21 | 8.0 | 2 | 285 | 570 |
| | 22 | 8.0 | 9 | 348 | 3132 |
| | 23 | 8.0 | 5 | 70 | 350 |
| | 24 | 8.0 | 2 | 230 | 460 |
| | 25 | 8.0 | 5 | 270 | 1350 |
| | 26 | 8.0 | 6 | 295 | 1770 |
| | 27 | 8.0 | 6 | 335 | 2010 |
| | 28 | 8.0 | 5 | 375 | 1875 |
| | 29 | 8.0 | 1 | 415 | 415 |
| | 30 | 8.0 | 2 | 315 | 630 |
| | 31 | 8.0 | 3 | 946 | 2838 |
| | 32 | 8.0 | 2 | 991 | 1982 |
| | 33 | 8.0 | 4 | 1200 | 4800 |
| | 34 | 8.0 | 4 | 205 | 820 |
| | 35 | 8.0 | 3 | 449 | 1347 |
| | 36 | 8.0 | 4 | 664 | 2656 |
| | 37 | 8.0 | 2 | 279 | 558 |
| | 38 | 8.0 | 1 | 250 | 250 |
| | 39 | 8.0 | 2 | 405 | 810 |
| | 40 | 8.0 | 2 | 220 | 440 |
| | 41 | 8.0 | 2 | 272 | 544 |
| | 42 | 8.0 | 2 | 262 | 524 |
| | 43 | 8.0 | 4 | 69 | 276 |
| | 44 | 8.0 | 2 | 441 | 882 |
| | 45 | 8.0 | 1 | 409 | 409 |
| | 46 | 8.0 | 2 | 806 | 1612 |
| | 47 | 8.0 | 2 | 399 | 798 |
| | 48 | 10.0 | 9 | 606 | 5454 |
| | 49 | 10.0 | 4 | 550 | 2200 |
| | 50 | 10.0 | 8 | 1181 | 9448 |
| | 51 | 10.0 | 2 | 295 | 590 |
| | 52 | 10.0 | 1 | 315 | 315 |
| | 53 | 10.0 | 4 | 421 | 1684 |
| | 54 | 10.0 | 1 | 305 | 305 |
| | 55 | 10.0 | 3 | 412 | 1236 |
| | 56 | 10.0 | 3 | 366 | 1098 |
| | 57 | 10.0 | 5 | 503 | 2515 |
| | 58 | 10.0 | 1 | 490 | 490 |
| | 59 | 10.0 | 1 | 535 | 535 |
| | 60 | 10.0 | 2 | 861 | 1722 |
| | 61 | 10.0 | 1 | 220 | 220 |
| | 62 | 10.0 | 1 | 293 | 293 |
| | 63 | 10.0 | 2 | 430 | 860 |
| | 64 | 12.5 | 2 | 295 | 590 |
| | 65 | 12.5 | 2 | 395 | 790 |
| | 66 | 12.5 | 2 | 430 | 860 |
| | 67 | 12.5 | 6 | 460 | 2760 |
| | 68 | 12.5 | 4 | 285 | 1140 |
| | 69 | 12.5 | 1 | 310 | 310 |
| | 70 | 12.5 | 3 | 350 | 1050 |
| | 71 | 12.5 | 3 | 390 | 1170 |
| | 72 | 12.5 | 2 | 235 | 470 |
| | 73 | 12.5 | 1 | 275 | 275 |
| | 74 | 12.5 | 2 | 315 | 630 |
| | 75 | 12.5 | 1 | 972 | 972 |
| | 76 | 12.5 | 4 | 1077 | 4308 |
| | 77 | 12.5 | 4 | 254 | 1016 |

## Resumo do aço

| AÇO | DIAM (mm) | C.TOTAL (m) | PESO + 10 % (kg) |
|---|---|---|---|
| CA50 | 6.3 | 833.8 | 224.4 |
| | 8.0 | 529 | 229.6 |
| | 10.0 | 289.7 | 196.4 |
| | 12.5 | 163.5 | 173.2 |
| PESO TOTAL (kg) | | | |
| CA50 | 823.6 | | |

Volume de concreto (C-25) = 12.36 m³
Área de forma = 102.42 m²

PROJETO ESTRUTURAL

PRANCHA 26

OBRA
CÂMARA MUNICIPAL
LOCAL
RUA ANANIAS COSTA - IBAITI - PARANÁ
PROP:

FORMATO A1 - INTERNO: 801 x 574 mm
EXTERNO: 841 x 594 mm