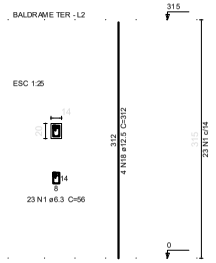
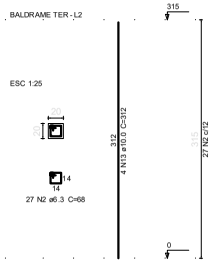
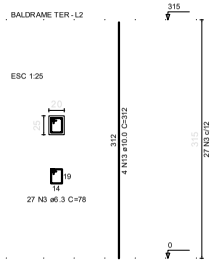
P164



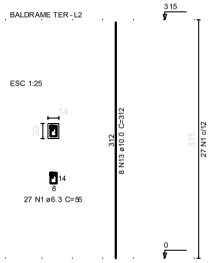

P165=P190=P191=P192



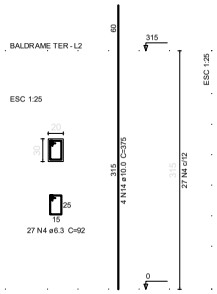

P168




P169




P47



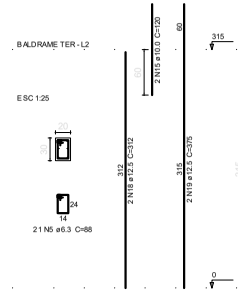

## Relação do aço

baldrame ter: P17, 2xP20, P23, P41, P164, P168, 11xP171, P19, P21, P39, P47, 4xP165, P169

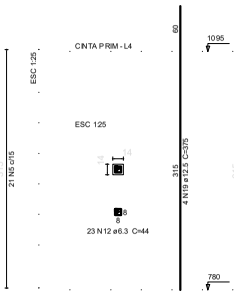
cinta prim: P49, P112

| AÇO | N | DIAM (mm) | QUANT (Barras) | UNIT (cm) | C.TOTAL (cm) |
|---|---|---|---|---|---|
| CA50 | 1 | 6.3 | 77 | 56 | 431 |
| | 2 | 6.3 | 162 | 68 | 1101 |
| | 3 | 6.3 | 27 | 78 | 210 |
| | 4 | 6.3 | 27 | 92 | 248 |
| | 5 | 6.3 | 21 | 88 | 184 |
| | 6 | 6.3 | 176 | 56 | 985 |
| | 7 | 6.3 | 27 | 98 | 264 |
| | 8 | 6.3 | 27 | 66 | 178 |
| | 9 | 6.3 | 21 | 108 | 228 |
| | 10 | 6.3 | 21 | 36 | 75 |
| | 11 | 6.3 | 27 | 122 | 329 |
| | 12 | 6.3 | 46 | 44 | 202 |
| | 13 | 10.0 | 46 | 312 | 1435 |
| | 14 | 10.0 | 30 | 375 | 1125 |
| | 15 | 10.0 | 8 | 120 | 96 |
| | 16 | 10.0 | 44 | VAR | VAR |
| | 17 | 10.0 | 2 | 310 | 62 |
| | 18 | 12.5 | 10 | 312 | 312 |
| | 19 | 12.5 | 16 | 375 | 600 |
| | 20 | 12.5 | 4 | 120 | 48 |

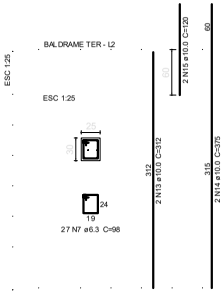
P17



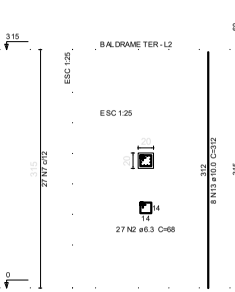

P49



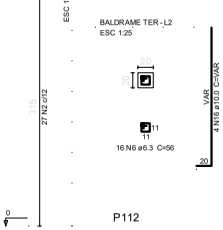

P19




P20=P27




P171=P172=P173=P174=P175=P176=P177=P178 =P179=P180=P181

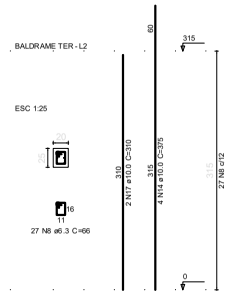



## Resumo do aço

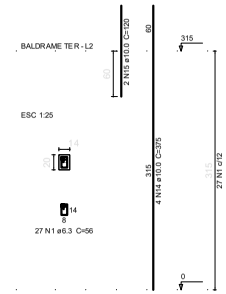
| AÇO | DIAM (mm) | C.TOTAL (m) | PESO + 10 % (kg) |
|---|---|---|---|
| CA50 | 6.3 | 444 | 119.5 |
| | 10.0 | 360.3 | 244.3 |
| | 12.5 | 96 | 101.7 |
| PESO TOTAL (kg) | | | |
| CA50 | | | 465.5 |

Volume de concreto (C-25) = 3.5 m³
Área de forma = 64.88 m²

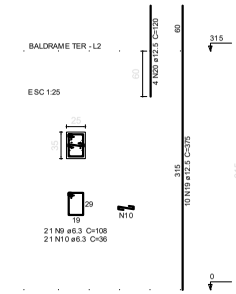
P21



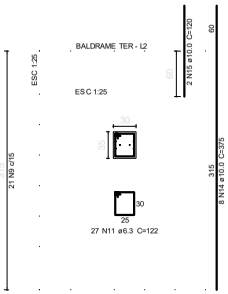

P23



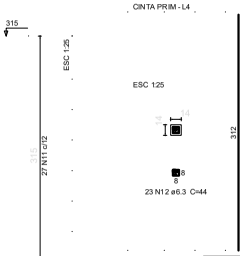

P39




P41




P112




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

PROJETO ESTRUTURAL | PRANCHA 16

OBRA
CÂMARA MUNICIPAL

LOCAL
RUA ANANIAS COSTA - IBAITI - PARANÁ

PROP.