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P15

P16

P26

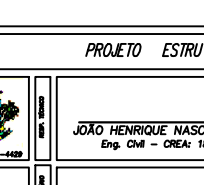
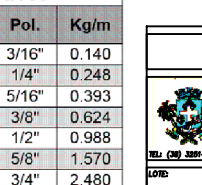
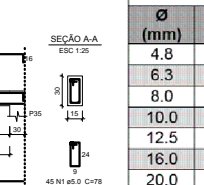
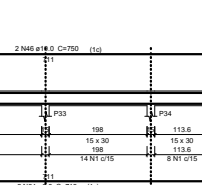
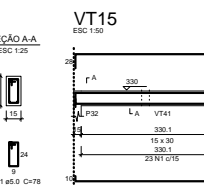
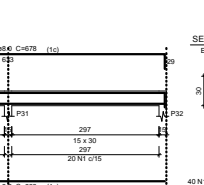
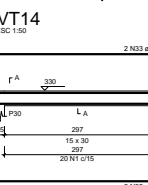
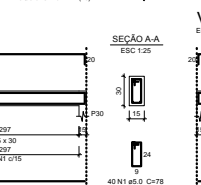
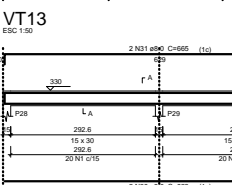
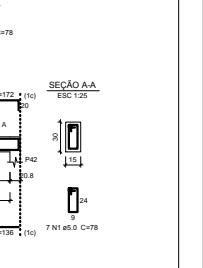
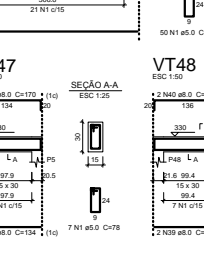
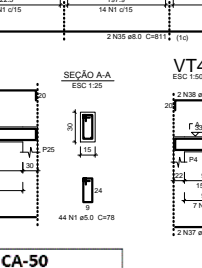
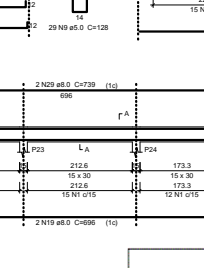
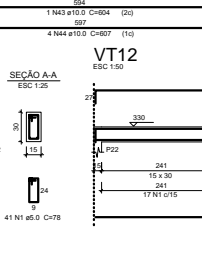
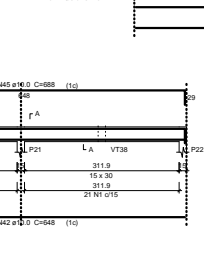
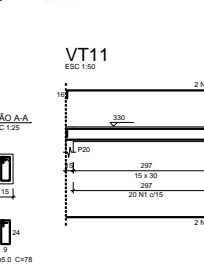
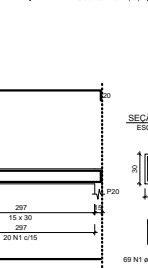
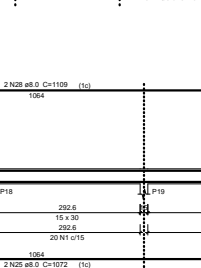
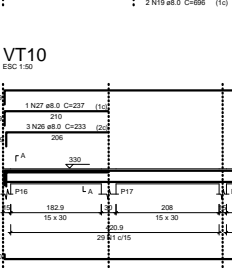
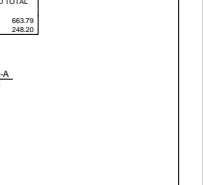
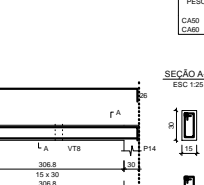
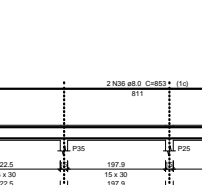
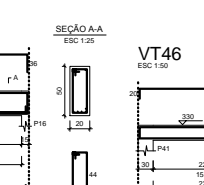
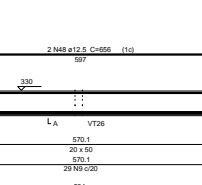
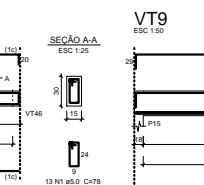
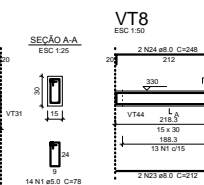
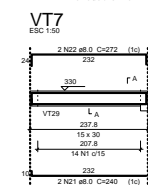
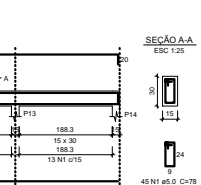
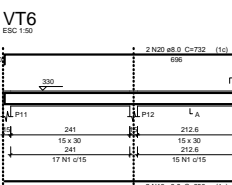
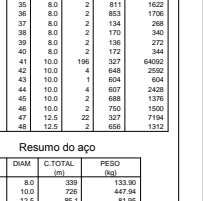
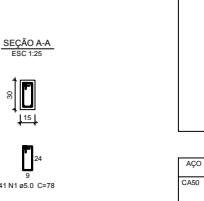
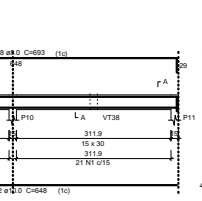
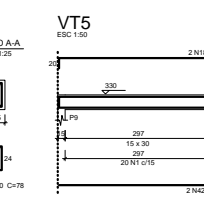
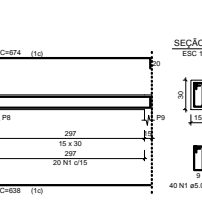
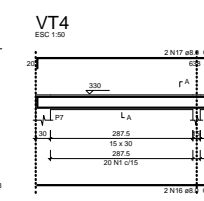
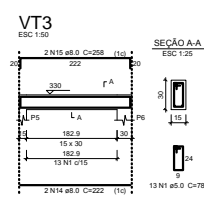
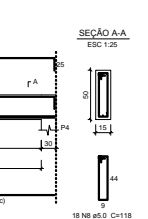
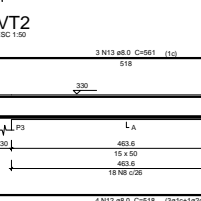
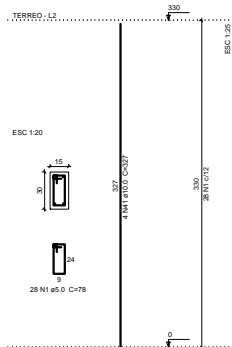
P47

Relação do aço

| ACO | N | DIAM | Q | UNID | C.TOTAL |
|------|----|------|------|------|---------|
| CA50 | 1 | 5.0 | 1839 | 78 | 143442 |
| | 2 | 5.0 | 22 | 104 | 2298 |
| | 3 | 5.0 | 44 | 27 | 1198 |
| | 4 | 5.0 | 28 | 34 | 872 |
| | 5 | 5.0 | 22 | 82 | 1604 |
| | 6 | 5.0 | 22 | 26 | 572 |
| | 7 | 5.0 | 44 | 122 | 5388 |
| | 8 | 5.0 | 18 | 118 | 2124 |
| | 9 | 5.0 | 29 | 128 | 3712 |
| | 10 | 8.0 | 2 | 232 | 464 |
| CA50 | 11 | 8.0 | 2 | 268 | 536 |
| | 12 | 8.0 | 4 | 518 | 2072 |
| | 13 | 8.0 | 3 | 561 | 1683 |
| | 14 | 8.0 | 2 | 322 | 444 |
| | 15 | 8.0 | 2 | 258 | 516 |
| | 16 | 8.0 | 2 | 638 | 1276 |
| | 17 | 8.0 | 2 | 674 | 1348 |
| | 18 | 8.0 | 2 | 693 | 1386 |
| | 19 | 8.0 | 4 | 696 | 2784 |
| | 20 | 8.0 | 2 | 732 | 1464 |
| | 21 | 8.0 | 2 | 240 | 480 |
| | 22 | 8.0 | 2 | 272 | 544 |
| | 23 | 8.0 | 2 | 212 | 424 |
| | 24 | 8.0 | 2 | 348 | 696 |
| | 25 | 8.0 | 2 | 1072 | 2144 |
| | 26 | 8.0 | 3 | 233 | 699 |
| | 27 | 8.0 | 1 | 237 | 237 |
| | 28 | 8.0 | 2 | 1109 | 2218 |
| | 29 | 8.0 | 2 | 790 | 1476 |
| | 30 | 8.0 | 2 | 629 | 1258 |
| | 31 | 8.0 | 2 | 633 | 1266 |
| | 32 | 8.0 | 2 | 678 | 1356 |
| | 33 | 8.0 | 2 | 678 | 1356 |
| | 34 | 8.0 | 2 | 719 | 1438 |
| | 35 | 8.0 | 2 | 811 | 1622 |
| | 36 | 8.0 | 2 | 853 | 1706 |
| | 37 | 8.0 | 2 | 134 | 268 |
| | 38 | 8.0 | 2 | 170 | 340 |
| | 39 | 8.0 | 2 | 136 | 272 |
| | 40 | 8.0 | 2 | 172 | 344 |
| | 41 | 10.0 | 196 | 327 | 44052 |
| | 42 | 10.0 | 1 | 648 | 2592 |
| | 43 | 10.0 | 1 | 604 | 604 |
| | 44 | 10.0 | 4 | 607 | 2428 |
| | 45 | 10.0 | 2 | 688 | 1376 |
| | 46 | 10.0 | 2 | 750 | 1500 |
| | 47 | 12.5 | 22 | 327 | 7194 |
| | 48 | 12.5 | 2 | 656 | 1312 |

Resumo do aço

| ACO | DIAM | C.TOTAL | PESO |
|------------|--------|---------|--------|
| CA50 | 8.0 | 339 | 133.90 |
| | 10.0 | 726 | 447.94 |
| | 12.5 | 85.1 | 81.95 |
| CA50 | 5.0 | 1811.7 | 248.30 |
| PESO TOTAL | | | |
| CA50 | 663.79 | | |
| CA50 | 248.30 | | |



| Ø (mm) | Pol. | Kg/m |
|--------|--------|-------|
| 4.8 | 3/16" | 0.140 |
| 6.3 | 1/4" | 0.248 |
| 8.0 | 5/16" | 0.393 |
| 10.0 | 3/8" | 0.624 |
| 12.5 | 1/2" | 0.988 |
| 16.0 | 5/8" | 1.570 |
| 20.0 | 3/4" | 2.480 |
| 22.5 | 7/8" | 2.980 |
| 25.0 | 1" | 3.930 |
| 32.0 | 1 1/4" | 6.240 |
| 40.0 | 1 1/2" | 9.880 |

TEL (35) 3301-459

PROJETO ESTRUTURAL

JOÃO HENRIQUE NASCIMENTO REIS
Eng. Civil - CREA: 188.946/D

SETEMBRO 2019

Indicador

LOBO

QUADRA:

Revisão por:

Conteúdo:

PREFEITURA MUNICIPAL DE BOCAIUVA
CNPJ: 18.803.072/0001-32

05/09

Assinatura do responsável

Assinatura do revisor

DETALHAMENTO DOS PILARES E VIGA TERREO NIVEL 3.30