

The drawing is a detailed structural floor plan of a building. It features a grid system with columns labeled P29, P30, P31, P32, P33, P34, and V127. The plan includes various structural elements such as columns, beams, and walls, with dimensions provided in meters (m) and millimeters (mm). The drawing is divided into two main sections: Corte A (top) and Corte B (bottom).

**Corte A (Top Section):**

- Columns: P29, P30, P31, P32, P33, P34, V127.
- Dimensions: 15/50, 2 Ø 5 C/20, 2 Ø 10, 4 Ø 12.5, 3 Ø 10, 2 Ø 12.5, 3 Ø 12.5, 3 Ø 16, 2 Ø 12.5 + 2 Ø 16, 2 Ø 16, 2 Ø 12.5, 3 Ø 12.5, 3 Ø 12.5, 2 Ø 12.5, 3 Ø 10, 3 Ø 10, 2 Ø 10, 1 Ø 6.3, 30, 361, 2 N1 Ø 10 C=391, 25, 416, 2 N2 Ø 12.5 C=593, 93, 2 N3 Ø 12.5 (2 Ø 2acAM) C=205, 27, 2 N4 Ø 12.5 C=465, 265, 75, 2 N6 Ø 16 C=475, 185, 86, 1 Ø 2acAM, 1 N7 Ø 16 C=200, 161, 124, 62, 2 N5 Ø 12.5 C=733, 69, 1 N3 Ø 12.5 C=205, 58, 1 N9 Ø 10 C=135 (1 Ø 2acAM), 470, 2 N8 Ø 10 C=500, 30, 118, N17 Ø 5 C=121, 14, 2 Ø 12.5, 2 Ø 12.5, 3 Ø 10.

**Corte B (Bottom Section):**

- Columns: P29, P30, P31, P32, P33, P34, V127.
- Dimensions: 15, 59, 1 N11 Ø 10 C=255, 165, 1 N12 Ø 10 C=265, 16, 14, 2 N10 Ø 10 C=1115, 1100, 125, 2 N14 Ø 10 C=330, 12, 2 N13 Ø 10 C=1085, 725, 2 N15 Ø 10 C=740, 34, 1 N16 Ø 6.3 C=80, 44, 22, N17 Ø 5 C=121, 2 Ø 10, 2 Ø 10.

[illegible]

Technical drawing of a bridge structure, showing two cross-sections (A-A and B-B) and a longitudinal section.

**Cross-section A-A (Left):**

- Top reinforcement: 20/70 N1 Ø 6.3 C=20 (N1 (355))
- Bottom reinforcement: 20/70 N2 Ø 6.3 C=20 (N2 (442))
- Concrete thickness: 3 Ø 10, 2 Ø 16, 2 Ø 16, 4 Ø 10, 5 Ø 6.3 C=20 (N7 (100))
- Structural details: 2x5 N8 Ø 6.3 C=562, 1 N6 Ø 10 C=840, 2 N5 Ø 10 C=1145
- Dimensions: 384, 3 N1 Ø 10 C=409, 24, 2 N2 Ø 16 C=495, 290, 77, 325, 2 N3 Ø 10 C=365, 235, 2 N4 Ø 10 C=275, 40, 20, 2x5 N8 Ø 6.3 C=559, 110, 92, 110

**Cross-section B-B (Right):**

- Top reinforcement: 20/70 N1 Ø 6.3 C=20 (N1 (355))
- Bottom reinforcement: 20/70 N2 Ø 6.3 C=20 (N2 (442))
- Concrete thickness: 3 Ø 10, 2 Ø 16, 2 Ø 16, 4 Ø 10, 5 Ø 6.3 C=20 (N7 (100))
- Structural details: 2x5 N8 Ø 6.3 C=562, 1 N6 Ø 10 C=840, 2 N5 Ø 10 C=1145
- Dimensions: 384, 3 N1 Ø 10 C=409, 24, 2 N2 Ø 16 C=495, 290, 77, 325, 2 N3 Ø 10 C=365, 235, 2 N4 Ø 10 C=275, 40, 20, 2x5 N8 Ø 6.3 C=559, 110, 92, 110

**Longitudinal Section:**

- Top reinforcement: 20/70 N1 Ø 6.3 C=20 (N1 (355))
- Bottom reinforcement: 20/70 N2 Ø 6.3 C=20 (N2 (442))
- Concrete thickness: 3 Ø 10, 2 Ø 16, 2 Ø 16, 4 Ø 10, 5 Ø 6.3 C=20 (N7 (100))
- Structural details: 2x5 N8 Ø 6.3 C=562, 1 N6 Ø 10 C=840, 2 N5 Ø 10 C=1145
- Dimensions: 384, 3 N1 Ø 10 C=409, 24, 2 N2 Ø 16 C=495, 290, 77, 325, 2 N3 Ø 10 C=365, 235, 2 N4 Ø 10 C=275, 40, 20, 2x5 N8 Ø 6.3 C=559, 110, 92, 110

| AÇO  |    | POS | BIT<br>(mm) | QUANT | COMPROMISSO |       |
|------|----|-----|-------------|-------|-------------|-------|
|      |    |     |             |       | UNIT        | TOTAL |
|      |    |     |             |       | (cm)        | (cm)  |
| V109 | 50 | 1   | 10          | 2     | 391         | 782   |
|      | 50 | 2   | 12,5        | 2     | 563         | 1186  |
|      | 50 | 3   | 15,0        | 2     | 2035        | 809   |
|      | 50 | 4   | 12,5        | 2     | 493         | 930   |
|      | 50 | 5   | 12,5        | 2     | 733         | 460   |
|      | 50 | 6   | 16          | 1     | 475         | 950   |
|      | 50 | 7   | 16          | 1     | 200         | 1000  |
|      | 50 | 8   | 10          | 1     | 135         | 1000  |
|      | 50 | 9   | 10          | 1     | 135         | 135   |
|      | 50 | 10  | 10          | 1     | 1115        | 2230  |
|      | 50 | 11  | 10          | 1     | 235         | 235   |
|      | 50 | 12  | 10          | 1     | 265         | 265   |
|      | 50 | 13  | 10          | 1     | 10085       | 2170  |
|      | 50 | 14  | 10          | 2     | 680         | 660   |
|      | 50 | 15  | 10          | 2     | 740         | 1480  |
|      | 60 | 16  | 6,3         | 3     | 80          | 80    |
|      | 60 | 17  | 5           | 3     | 121         | 16940 |

| V  | I  | 10   |     |      |       |
|----|----|------|-----|------|-------|
| 50 | 1  | 10   | 2   | 471  | 942   |
| 50 | 2  | 16   | 2   | 825  | 1250  |
| 50 | 3  | 16   | 3   | 245  | 735   |
| 50 | 4  | 16   | 2   | 672  | 1344  |
| 50 | 5  | 12.5 | 2   | 1070 | 2140  |
| 50 | 6  | 12.5 | 1   | 205  | 205   |
| 50 | 7  | 12.5 | 2   | 210  | 420   |
| 50 | 8  | 16   | 2   | 220  | 440   |
| 50 | 9  | 12.5 | 2   | 640  | 1280  |
| 50 | 10 | 12.5 | 1   | 310  | 310   |
| 50 | 11 | 10   | 2   | 610  | 1220  |
| 50 | 12 | 10   | 1   | 245  | 245   |
| 50 | 13 | 10   | 2   | 1040 | 2080  |
| 50 | 14 | 10   | 2   | 325  | 650   |
| 50 | 15 | 12.5 | 2   | 675  | 1350  |
| 50 | 16 | 12.5 | 1   | 305  | 305   |
| 00 | 17 | 5    | 140 | 121  | 16940 |

|      |    |   |     |    |      |      |
|------|----|---|-----|----|------|------|
| V111 | 50 | 1 | 10  | 3  | 409  | 1227 |
|      | 50 | 2 | 16  | 2  | 495  | 990  |
|      | 50 | 3 | 10  | 2  | 365  | 730  |
|      | 50 | 4 | 10  | 2  | 275  | 550  |
|      | 50 | 5 | 10  | 2  | 1145 | 2290 |
|      | 50 | 6 | 10  | 1  | 840  | 840  |
|      | 50 | 7 | 6.3 | 54 | 172  | 9288 |
|      | 50 | 8 | 6.3 | 10 | 562  | 5620 |
|      | 50 | 9 | 6.3 | 10 | 559  | 5590 |
| V112 |    |   |     |    |      |      |

|    |    |      |     |     |      |
|----|----|------|-----|-----|------|
| 50 | 1  | 10   | 2   | 462 | 924  |
| 50 | 2  | 16   | 2   | 545 | 1090 |
| 50 | 3  | 16   | 2   | 610 | 1210 |
| 50 | 4  | 10   | 2   | 536 | 1070 |
| 50 | 5  | 12.5 | 2   | 555 | 1070 |
| 50 | 6  | 12.5 | 2   | 635 | 1270 |
| 50 | 7  | 10   | 2   | 635 | 1270 |
| 50 | 8  | 10   | 2   | 460 | 920  |
| 50 | 9  | 10   | 2   | 610 | 1220 |
| 50 | 10 | 10   | 1   | 225 | 225  |
| 50 | 11 | 16   | 2   | 640 | 1280 |
| 50 | 12 | 6.3  | 1   | 90  | 90   |
| 60 | 13 | 5    | 59  | 151 | 8909 |
| 50 | 14 | 5    | 27  | 152 | 414  |
| 50 | 15 | 6.3  | 8   | 622 | 4076 |
| 50 | 16 | 6.3  | 8   | 620 | 4960 |
| 50 | 17 | 6.3  | 4   | 268 | 1072 |
| 50 | 18 | 6.3  | 6.3 | 612 | 2448 |
| 50 | 19 | 6.3  | 4   | 318 | 1272 |
| 50 | 20 | 8    | 2   | 108 | 216  |
| 50 | 21 | 8    | 2   | 106 | 212  |
| 50 | 22 | 5    | 1   | 87  | 87   |
| 50 | 23 | 6.3  | 1   | 177 | 47   |
| 50 | 24 | 6.3  | 6   | 152 | 912  |

| VI14 |    |      |    |      |       |
|------|----|------|----|------|-------|
| 50   | 1  | 10   | 2  | 2600 | 520   |
| 50   | 2  | 10   | 2  | 325  | 650   |
| 50   | 3  | 20   | 4  | 555  | 1665  |
| 50   | 4  | 20   | 4  | 500  | 720   |
| 50   | 5  | 12,5 | 4  | 200  | 800   |
| 50   | 6  | 10   | 2  | 517  | 1034  |
| 50   | 7  | 10   | 2  | 500  | 1000  |
| 50   | 8  | 20   | 2  | 760  | 1520  |
| 50   | 9  | 20   | 1  | 335  | 335   |
| 50   | 10 | 6,3  | 2  | 89   | 178   |
| 50   | 11 | 8    | 74 | 144  | 10656 |
| 50   | 12 | 6,3  | 2  | 114  | 228   |
| 50   | 13 | 6,3  | 4  | 452  | 1808  |
| 50   | 14 | 6,3  | 2  | 332  | 664   |
| 50   | 15 | 5    | 6  | 624  | 3924  |
| 50   | 16 | 8    | 2  | 103  | 206   |
| 50   | 17 | 8    | 2  | 103  | 206   |
| 60   | 18 | 5    | 8  | 99   | 39    |
| 60   | 19 | 5    | 1  | 47   | 47    |
| 60   | 20 | 8    | 1  | 144  | 864   |

| AÇO        | BIT<br>(mm) | COMPR<br>(m) | PESO<br>(kg) |
|------------|-------------|--------------|--------------|
| 60         | 5           | 431          | 66           |
| 50         | 6.3         | 472          | 116          |
| 50         | 8           | 124          | 49           |
| 50         | 10          | 284          | 173          |
| 50         | 12.5        | 128          | 123          |
| 50         | 16          | 85           | 134          |
| 50         | 20          | 42           | 105          |
| Peso Total | 60 =        |              | 66 kg        |
| Peso Total | 50 =        |              | 701 kg       |

|                       |   |   |
|-----------------------|---|---|
| <b>PAR1</b><br>15/225 | PAREDE DE CONCRETO<br>SEÇÃO RETANGULAR 15x225cm | EM VIGAS BALDRAME: 750kg/m (CARGA PERMANENTE)<br>EM VIGAS COBERTURA: 300Kg/m (CARGA PERMANENTE)<br>EM LAJES: 150Kg/m <sup>2</sup> (CARGA PERMANENTE)<br>200Kg/m <sup>2</sup> (SOBRECARGA ACIDENTAL) |
|-----------------------|---|---|

|      |   |         |          |             |           |
|------|---|---------|----------|-------------|-----------|
| R4   |   |         |          |             |           |
| R2   | ATENDIMENTO AO RELATÓRIO DE AVALIAÇÃO DA 2ª ETAPA | 05/2019 | EMITIDAS | EMITIDAS    | MPRA      |
| R1   | RELAÇÃO GERAL DE CANCELAMENTOS DO CLIENTE         | 06/2019 | EMITIDAS | EMITIDAS    | MPRA      |
| R0   | EMISSÃO GERAL                                     | 06/2019 | EMITIDAS | EMITIDAS    | MPRA      |
| REV. | MODIFICAÇÃO                                       | DATA    | EXECUÇÃO | VERIFICAÇÃO | APROVAÇÃO |



ASSINATURA

|              |                    |                     |                   |
|--------------|--------------------|---------------------|-------------------|
| Proprietário | MINISTÉRIO PÚBLICO | Responsável Técnico | BM&FAS ENGENHARIA |
|--------------|--------------------|---------------------|-------------------|

|  |             |                          |  |                    |
|--|-------------|--------------------------|--|--------------------|
| <b>OBJETO</b> SEDE DA PROMOTORIA DE JUSTIÇA REGIONAL DE JACOBINA<br>RUA ELIAS OLIVEIRA CUNHA, GLEBA 3, JACOBINA, BAHIA |             |                          |  |                    |
| <b>TIPO DE PROJETO</b>   |             | <b>CLASSE DO PROJETO</b> | <b>RESPONSÁVEL TÉCNICO</b>                               | <b>CRECIVAU</b> UF |
| PROJETO DE IMPLANTAÇÃO   |             | PROJETO EXECUTIVO        | RENATO SANTANA   | 821503-BF          |
| <b>ESPECIALIDADE/SUBESPECIALIDADE</b>  |             |                          | <b>AUTOR DO PROJETO</b>                                  | <b>CRECIVAU</b> UF |
| ESTRUTURA  |             |                          | RENATO SANTANA   | 821503-BF          |
| <b>TIPO/ESPECIFICAÇÃO DO ARMAÇO</b>  |             |                          | <b>DESENHISTA</b>  | <b>CRECIVAU</b> UF |
| IMPLANTAÇÃO DE VIGAS NÍVEL +335cm (02/03)  |             |                          | RENATO SANTANA   | 821503-BF          |
| <b>ESCALA</b>  | <b>DATA</b> | <b>PRANCHETA Nº</b>      | <b>ARQUIVO</b>   |                    |
| 1:50   | 28/03/2016  | ES14/28                  | MPBA-JAC_ES14-ARMAÇÃO DE VIGAS NÍVEL +335cm 02-03-02.dwg |                    |