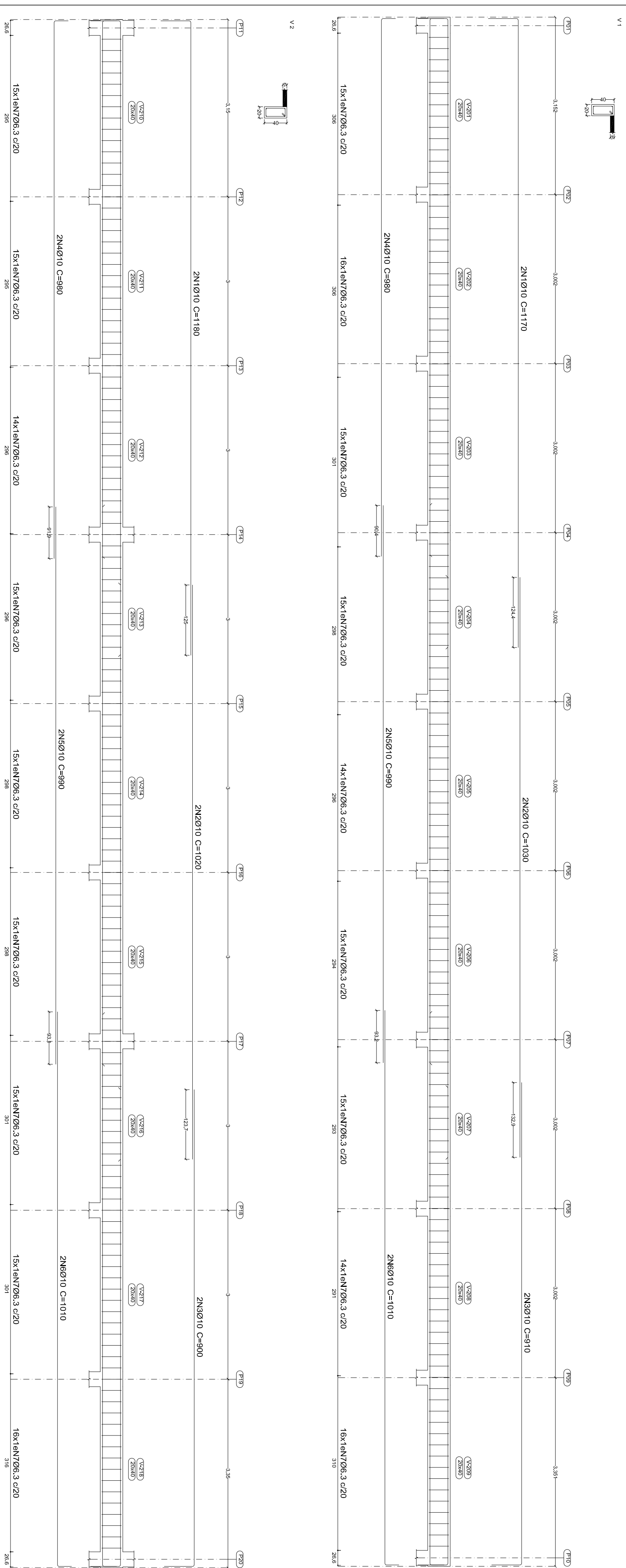


DECK  
Desenho de vigas  
Concreto: C30, em geral  
Aço das barras: CA-50  
Aço dos estribos: CA-50  
Escala vigas 1:50  
Escala seções 1:50  
Escala aberturas 1:50



| Elemento                                 | Pos.   | Diam. | Q.    | Dob.  | Rela | Dob. | Comp. | Total | CA-50 |
|------------------------------------------|--------|-------|-------|-------|------|------|-------|-------|-------|
| V 1                                      | 1 Ø10  | 2     | 253.1 | 116.9 | 1170 | 2340 | 14.4  |       |       |
|                                          | 2 Ø10  | 2     | 1030  |       | 1030 | 2060 | 12.7  |       |       |
|                                          | 3 Ø10  | 2     | 856.9 | 53.1  | 910  | 1820 | 11.2  |       |       |
|                                          | 4 Ø10  | 2     | 25    | 955   | 980  | 1960 | 12.1  |       |       |
|                                          | 5 Ø10  | 2     | 990   |       | 990  | 1980 | 12.2  |       |       |
|                                          | 6 Ø10  | 2     | 985   | 25    | 1010 | 2020 | 12.4  |       |       |
|                                          | 7 Ø6.3 | 135   | 6.3   | 97.5  | 6.3  | 110  | 14850 | 36.4  |       |
| Total: 111.4                             |        |       |       |       |      |      |       |       |       |
| V 2                                      | 1 Ø10  | 2     | 253.1 | 126.9 | 1180 | 2360 | 14.5  |       |       |
|                                          | 2 Ø10  | 2     | 1020  |       | 1020 | 2040 | 12.6  |       |       |
|                                          | 3 Ø10  | 2     | 846.9 | 53.1  | 900  | 1800 | 11.1  |       |       |
|                                          | 4 Ø10  | 2     | 25    | 955   | 980  | 1960 | 12.1  |       |       |
|                                          | 5 Ø10  | 2     | 990   |       | 990  | 1980 | 12.2  |       |       |
|                                          | 6 Ø10  | 2     | 985   | 25    | 1010 | 2020 | 12.4  |       |       |
|                                          | 7 Ø6.3 | 135   | 6.3   | 97.5  | 6.3  | 110  | 14850 | 36.4  |       |
| Total: 111.3                             |        |       |       |       |      |      |       |       |       |
| V 3                                      | 1 Ø10  | 2     | 253.1 | 301   | 53.1 | 407  | 814   | 5.0   |       |
|                                          | 2 Ø10  | 2     | 25    | 301   | 25   | 351  | 702   | 4.3   |       |
|                                          | 3 Ø6.3 | 13    | 6.3   | 97.5  | 6.3  | 110  | 1430  | 3.5   |       |
| Total: 12.8                              |        |       |       |       |      |      |       |       |       |
| V 4                                      | 1 Ø10  | 2     | 253.1 | 291   | 53.1 | 397  | 794   | 4.9   |       |
|                                          | 2 Ø10  | 2     | 25    | 291   | 25   | 341  | 682   | 4.2   |       |
|                                          | 3 Ø6.3 | 12    | 6.3   | 97.5  | 6.3  | 110  | 1320  | 3.2   |       |
| Total: 12.3                              |        |       |       |       |      |      |       |       |       |
| V 5                                      | 1 Ø10  | 2     | 253.1 | 281   | 53.1 | 387  | 774   | 4.8   |       |
|                                          | 2 Ø10  | 2     | 25    | 281   | 25   | 331  | 662   | 4.1   |       |
|                                          | 3 Ø6.3 | 12    | 6.3   | 97.5  | 6.3  | 110  | 1320  | 3.2   |       |
| Total: 12.1                              |        |       |       |       |      |      |       |       |       |
| V 6                                      | 1 Ø10  | 2     | 253.1 | 271   | 53.1 | 377  | 754   | 4.6   |       |
|                                          | 2 Ø10  | 2     | 25    | 271   | 25   | 321  | 642   | 4.0   |       |
|                                          | 3 Ø6.3 | 11    | 6.3   | 97.5  | 6.3  | 110  | 1210  | 3.0   |       |
| Total: 11.6                              |        |       |       |       |      |      |       |       |       |
| V 7                                      | 1 Ø10  | 2     | 253.1 | 261   | 53.1 | 367  | 734   | 4.5   |       |
|                                          | 2 Ø10  | 2     | 25    | 261   | 25   | 311  | 622   | 3.8   |       |
|                                          | 3 Ø6.3 | 11    | 6.3   | 97.5  | 6.3  | 110  | 1210  | 3.0   |       |
| Total: 11.3                              |        |       |       |       |      |      |       |       |       |
| V 8                                      | 1 Ø10  | 2     | 253.1 | 251   | 53.1 | 357  | 714   | 4.4   |       |
|                                          | 2 Ø10  | 2     | 25    | 251   | 25   | 301  | 602   | 3.7   |       |
|                                          | 3 Ø6.3 | 10    | 6.3   | 97.5  | 6.3  | 110  | 1100  | 2.7   |       |
| Total: 10.8                              |        |       |       |       |      |      |       |       |       |
| V 9                                      | 1 Ø10  | 2     | 253.1 | 241   | 53.1 | 347  | 694   | 4.3   |       |
|                                          | 2 Ø10  | 2     | 25    | 241   | 25   | 291  | 582   | 3.6   |       |
|                                          | 3 Ø6.3 | 10    | 6.3   | 97.5  | 6.3  | 110  | 1100  | 2.7   |       |
| Total: 10.6                              |        |       |       |       |      |      |       |       |       |
| V 10                                     | 1 Ø10  | 2     | 253.1 | 231   | 53.1 | 337  | 674   | 4.2   |       |
|                                          | 2 Ø10  | 2     | 25    | 231   | 25   | 281  | 562   | 3.5   |       |
|                                          | 3 Ø6.3 | 9     | 6.3   | 97.5  | 6.3  | 110  | 990   | 2.4   |       |
| Total: 10.1                              |        |       |       |       |      |      |       |       |       |
| V 11                                     | 1 Ø10  | 2     | 253.1 | 221   | 53.1 | 327  | 654   | 4.0   |       |
|                                          | 2 Ø10  | 2     | 25    | 221   | 25   | 271  | 542   | 3.3   |       |
|                                          | 3 Ø6.3 | 9     | 6.3   | 97.5  | 6.3  | 110  | 990   | 2.4   |       |
| Total: 9.7                               |        |       |       |       |      |      |       |       |       |
| V 12                                     | 1 Ø10  | 2     | 253.1 | 211   | 53.1 | 317  | 634   | 3.9   |       |
|                                          | 2 Ø10  | 2     | 25    | 211   | 25   | 261  | 522   | 3.2   |       |
|                                          | 3 Ø6.3 | 8     | 6.3   | 97.5  | 6.3  | 110  | 880   | 2.2   |       |
| Total: 9.3                               |        |       |       |       |      |      |       |       |       |
| Ø6.3: 76.3<br>Ø10: 159.2<br>Total: 235.5 |        |       |       |       |      |      |       |       |       |
| Ø6.3: 15.1<br>Ø10: 43.0<br>Total: 58.1   |        |       |       |       |      |      |       |       |       |
| Ø6.3: 9.7<br>Ø10: 30.0<br>Total: 39.7    |        |       |       |       |      |      |       |       |       |

|                                           |  |                                                                                       |  |
|-------------------------------------------|--|---------------------------------------------------------------------------------------|--|
| Estado do Rio de Janeiro                  |  | S M U                                                                                 |  |
| PREFEITURA MUNICIPAL DE CORDEIRO          |  |                                                                                       |  |
| SECRETARIA MUNICIPAL DE OBRAS E URBANISMO |  |                                                                                       |  |
| PRONOME                                   |  | ESTRUTURA EM CONCRETO ARMADO DO DECK EM TABULEIRO DE MADEIRA DA RUA BENJAMIN CONSTANT |  |
| E4                                        |  | PROJETO ESTRUTURAL                                                                    |  |
| ESCALA                                    |  | DESENHO                                                                               |  |
| COMO INDICADO                             |  | DSS                                                                                   |  |
| ENGENHEIRO:                               |  |                                                                                       |  |
| RUA BENJAMIN CONSTANT                     |  |                                                                                       |  |
| CORDEIRO - RJ                             |  |                                                                                       |  |
| CEP: 28540-000                            |  |                                                                                       |  |
| PROJETOS:                                 |  |                                                                                       |  |
| REPRESENTANTE LEGAL:                      |  |                                                                                       |  |
|                                           |  |                                                                                       |  |
| RESPONSÁVEL TÉCNICO:                      |  |                                                                                       |  |
|                                           |  |                                                                                       |  |
| BRUNO AZEVEDO SANTOS                      |  |                                                                                       |  |
| CREARJ 201812285                          |  |                                                                                       |  |