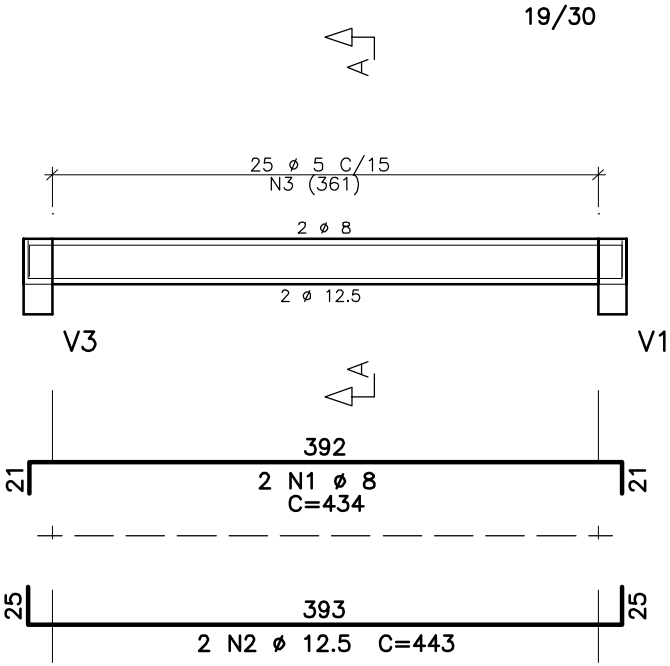
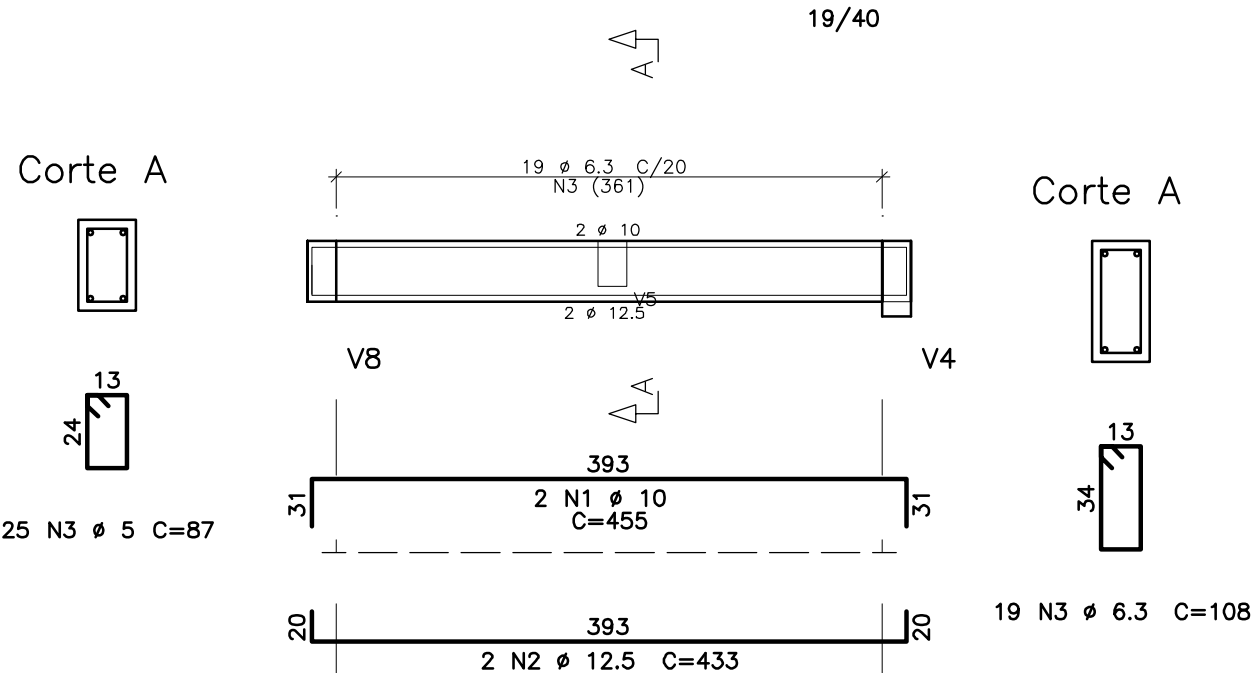


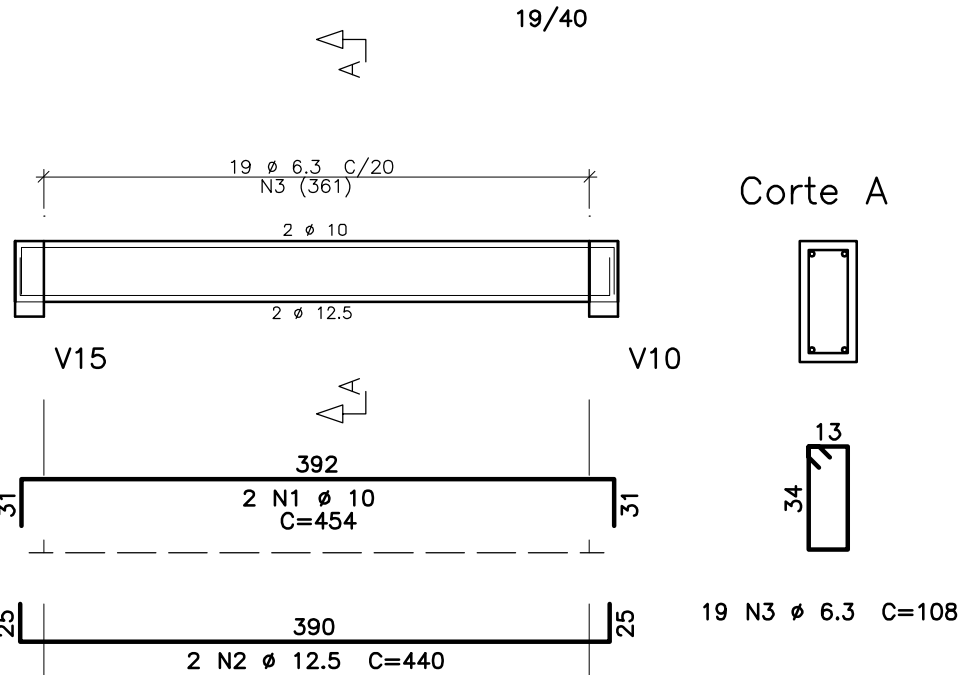
V33A



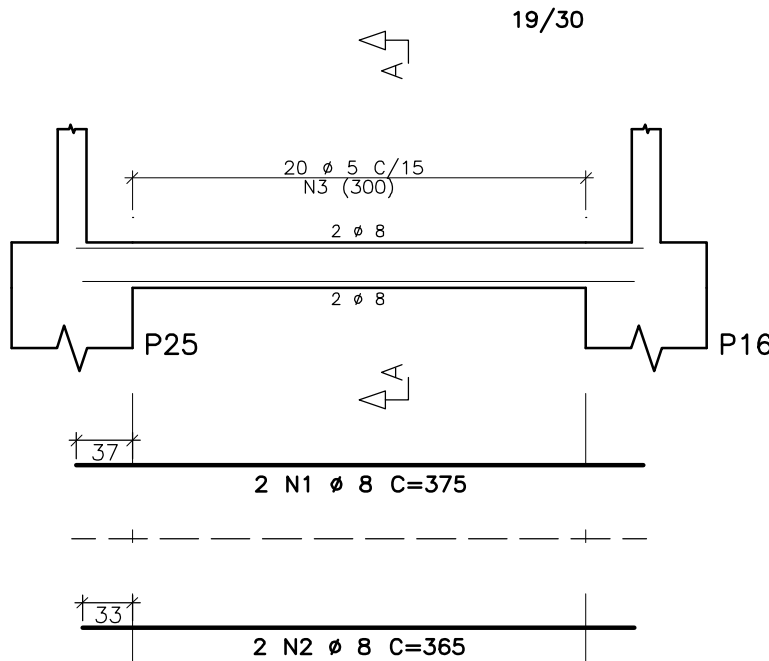
V34



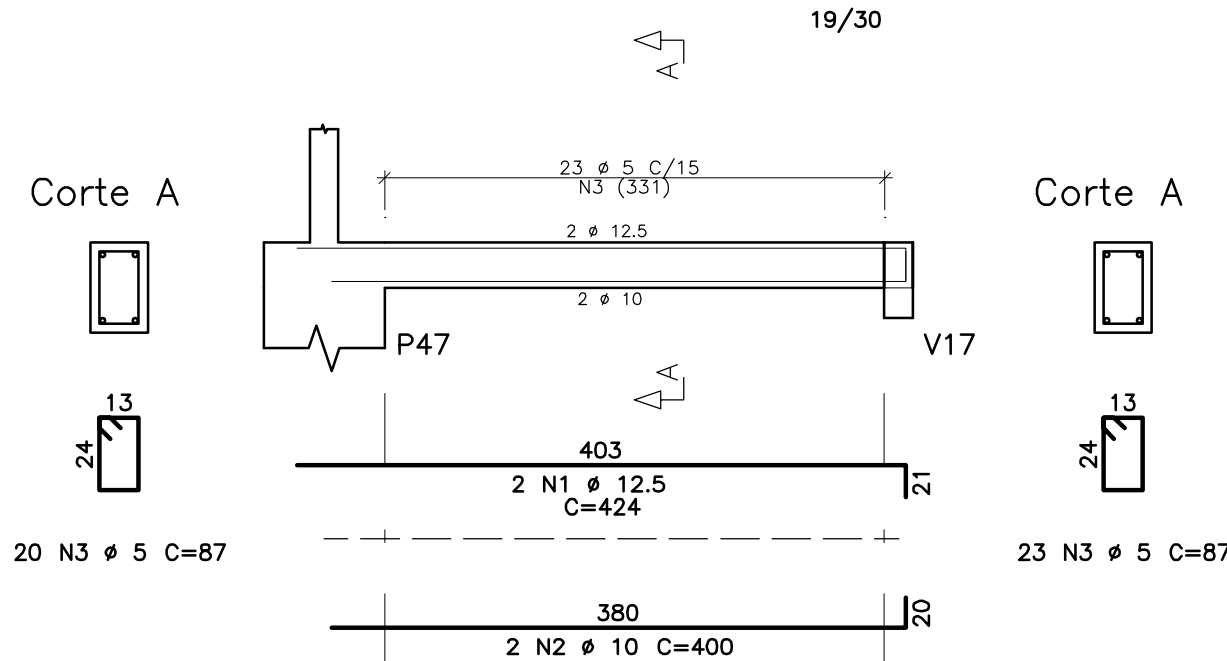
V35



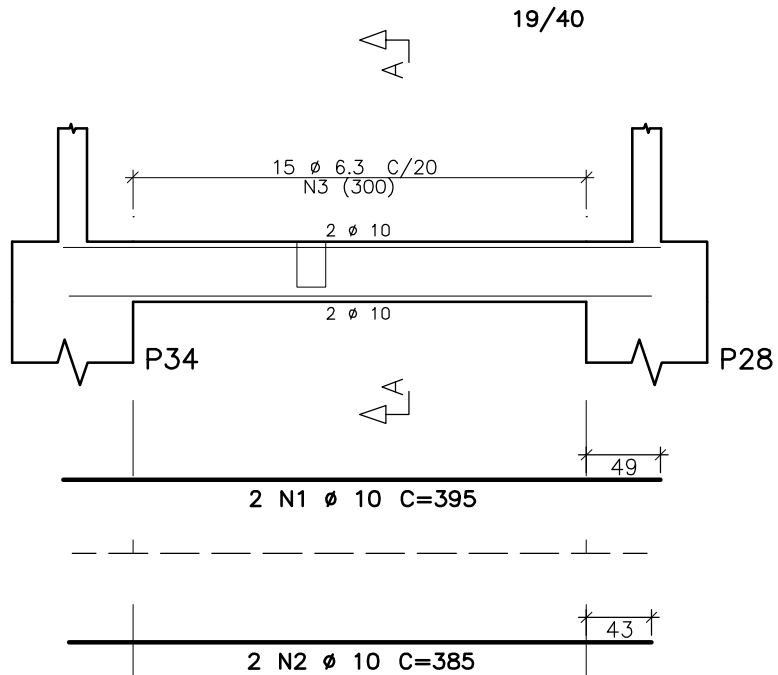
V36



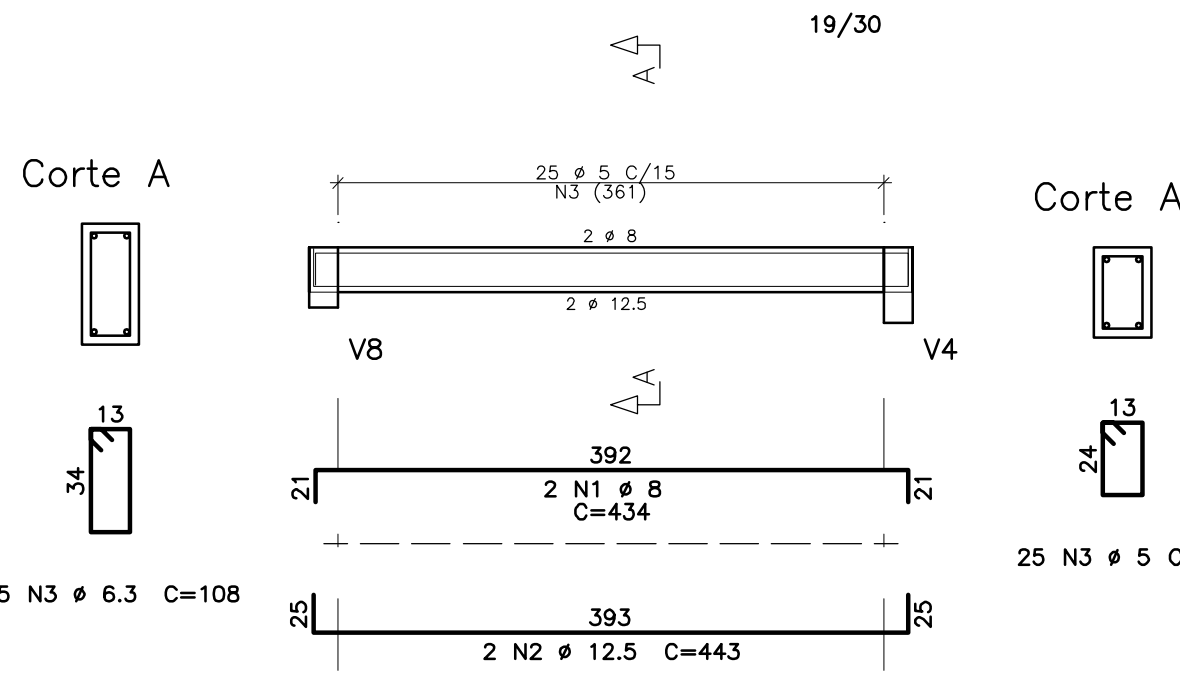
V37



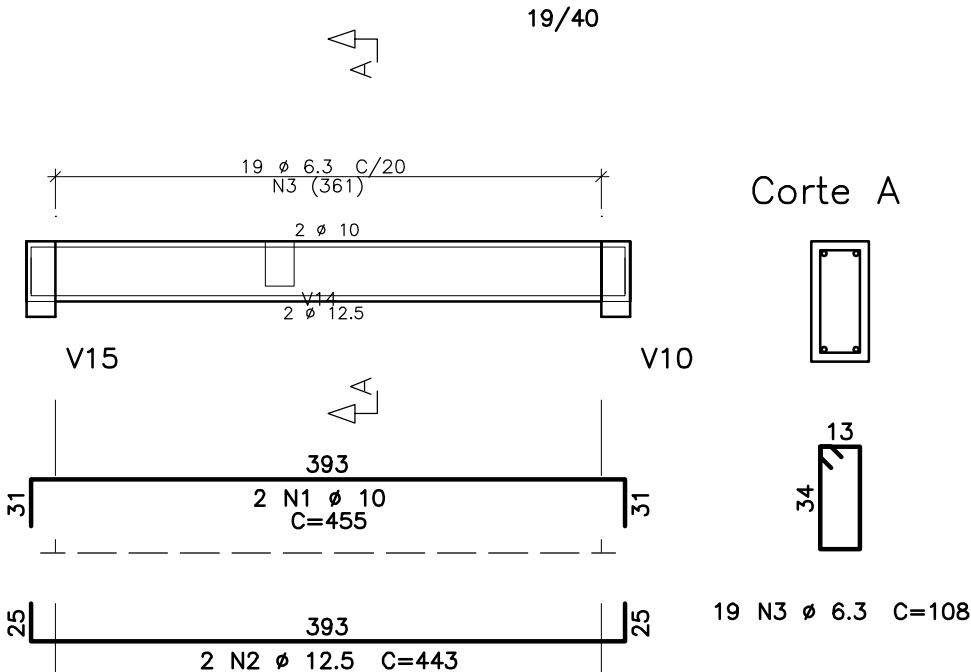
V38



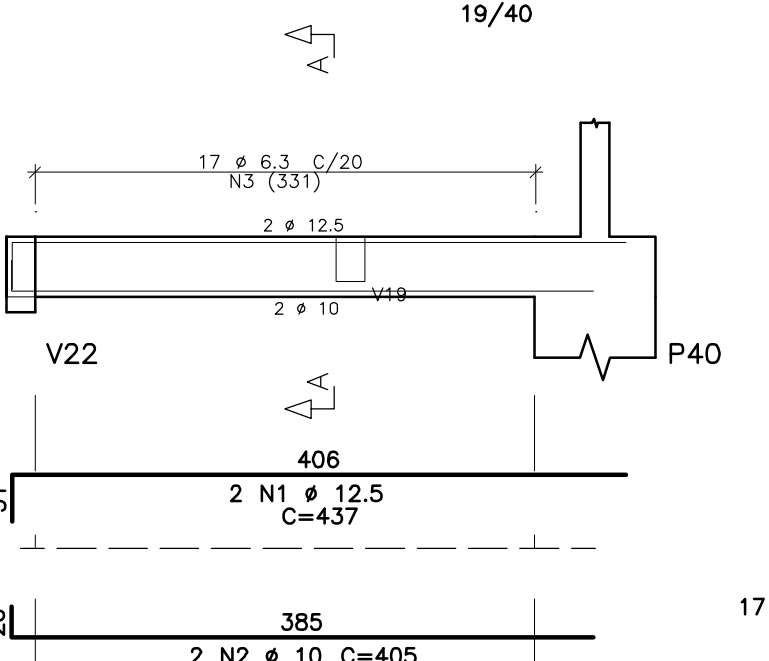
V39



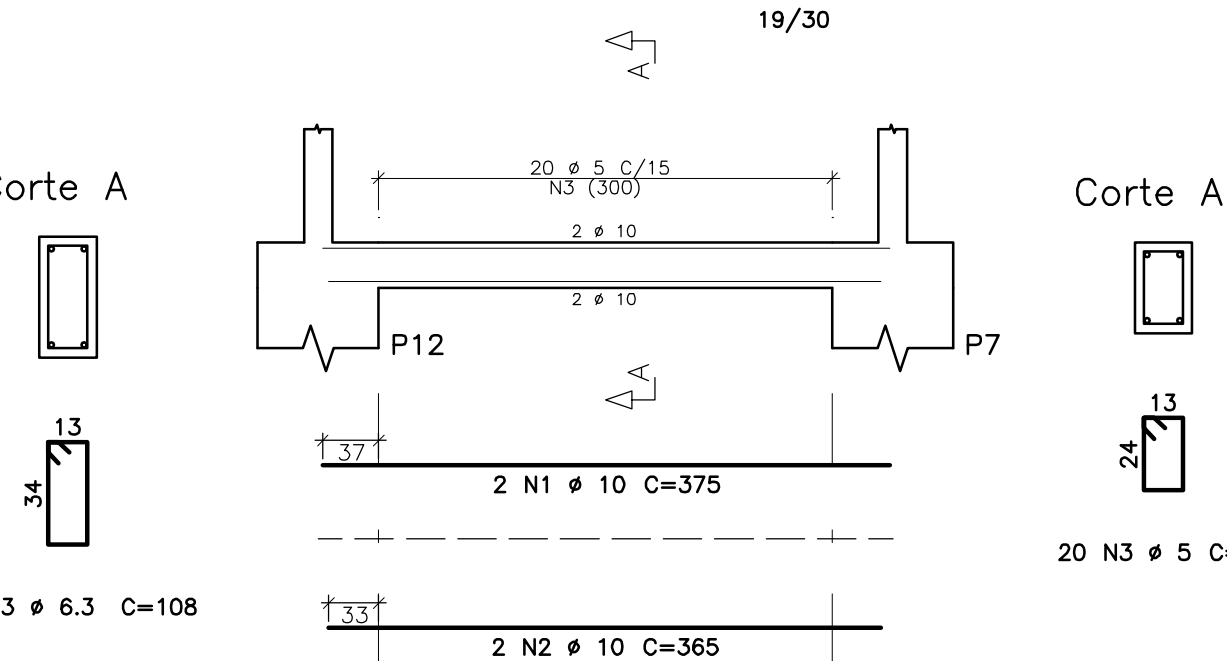
V40



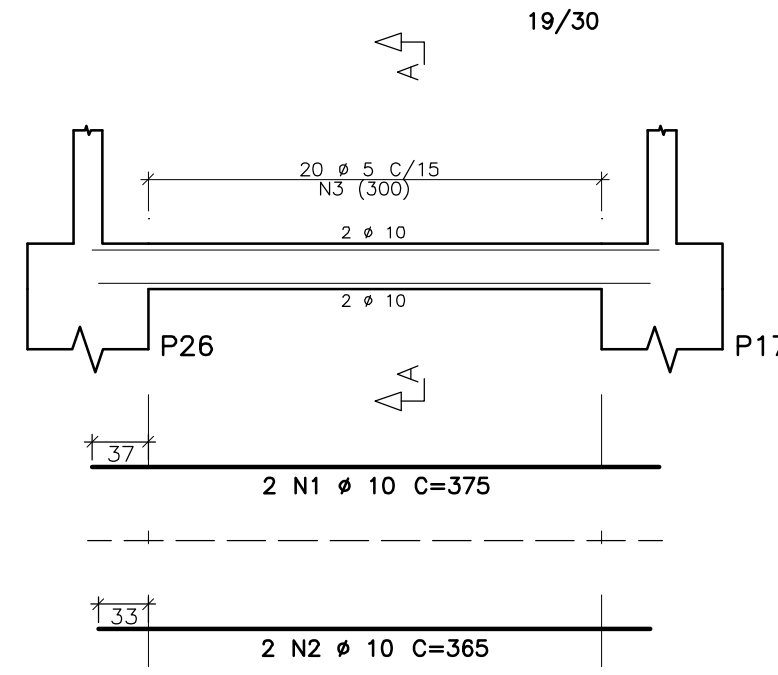
V41



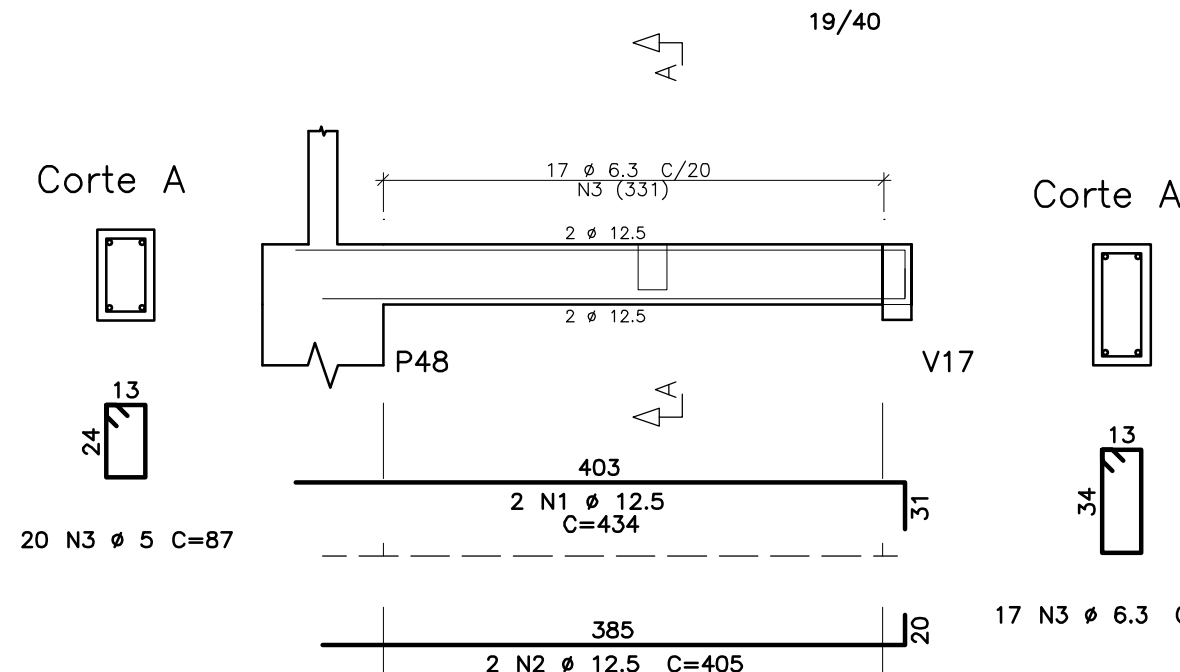
V42



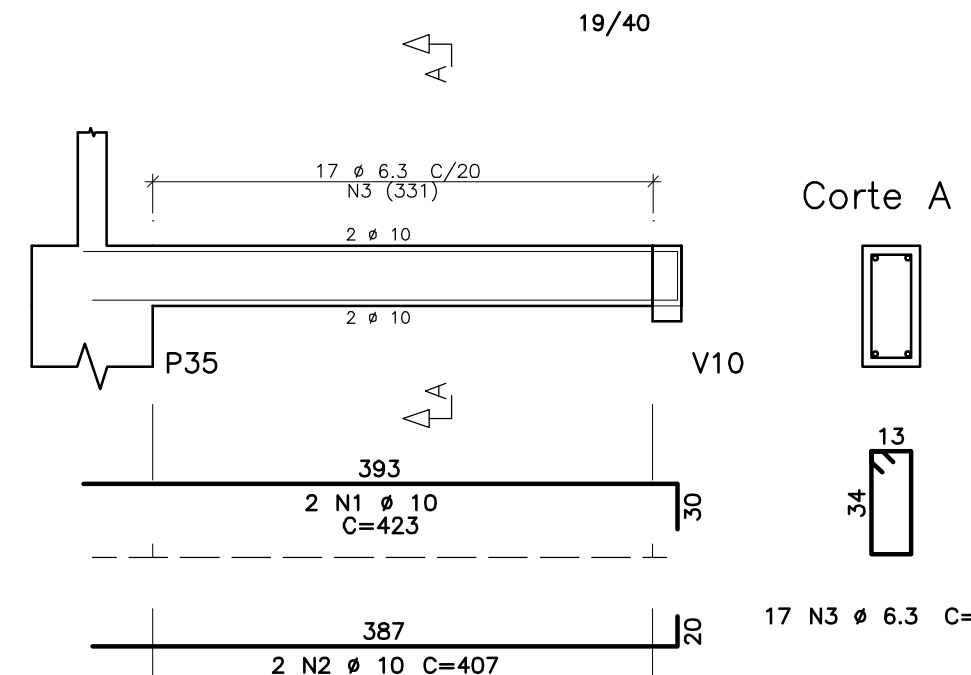
V43



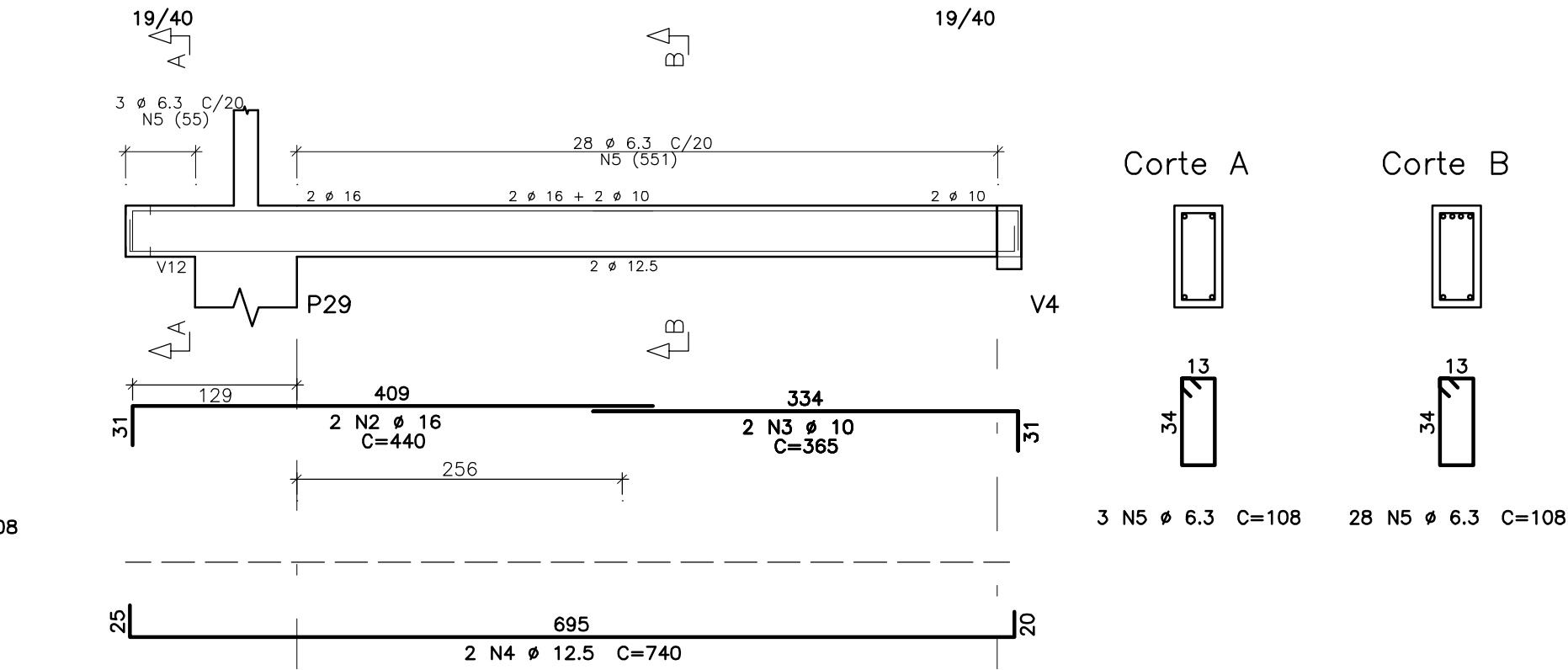
V44



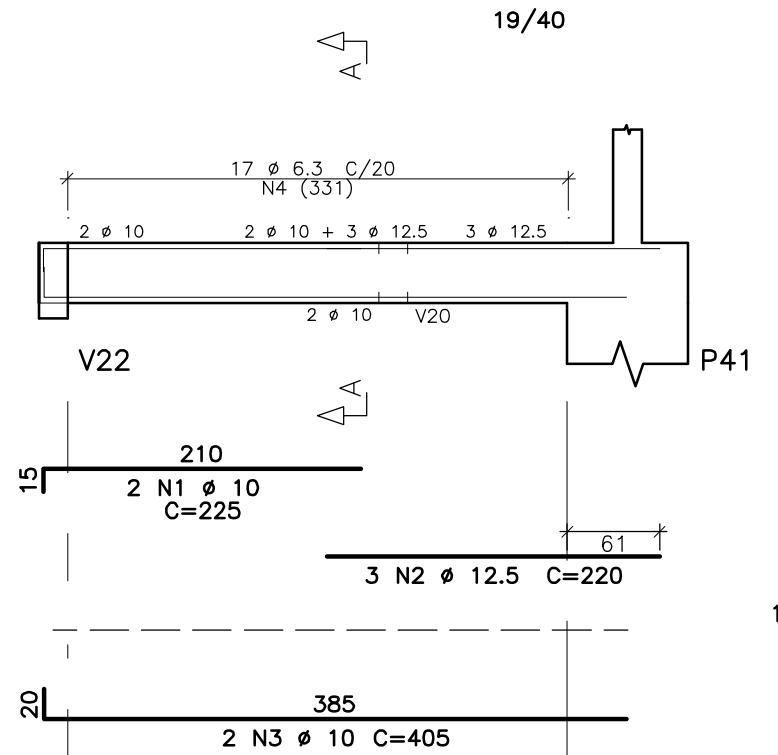
V45



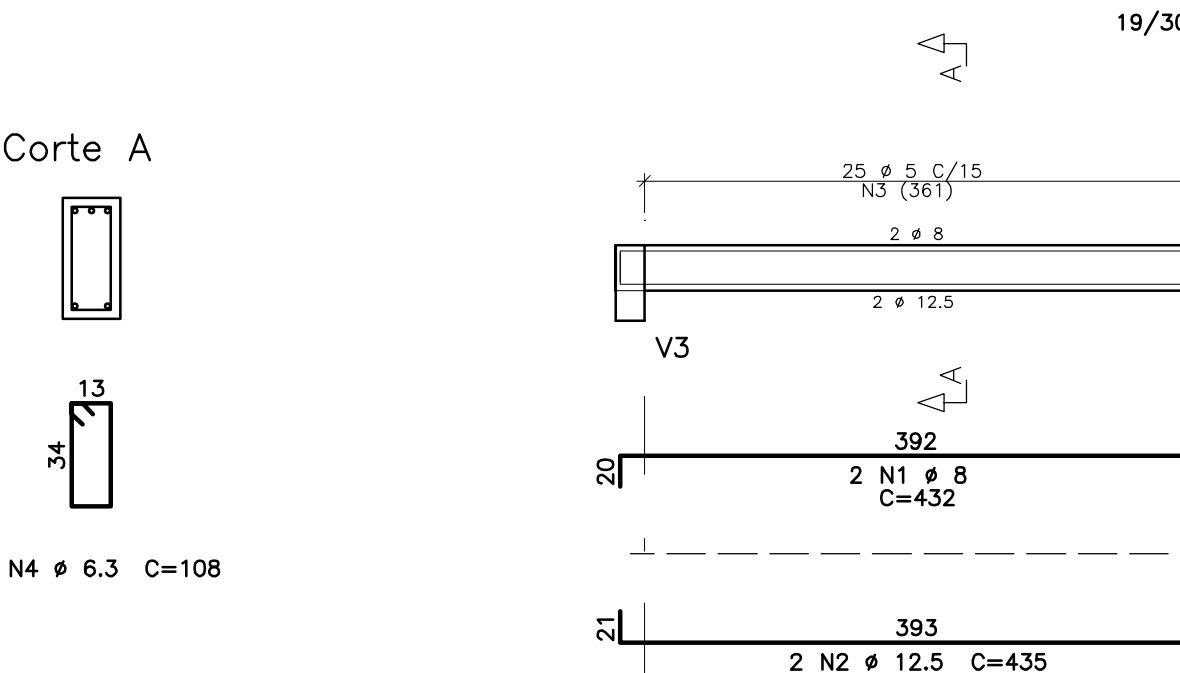
V47



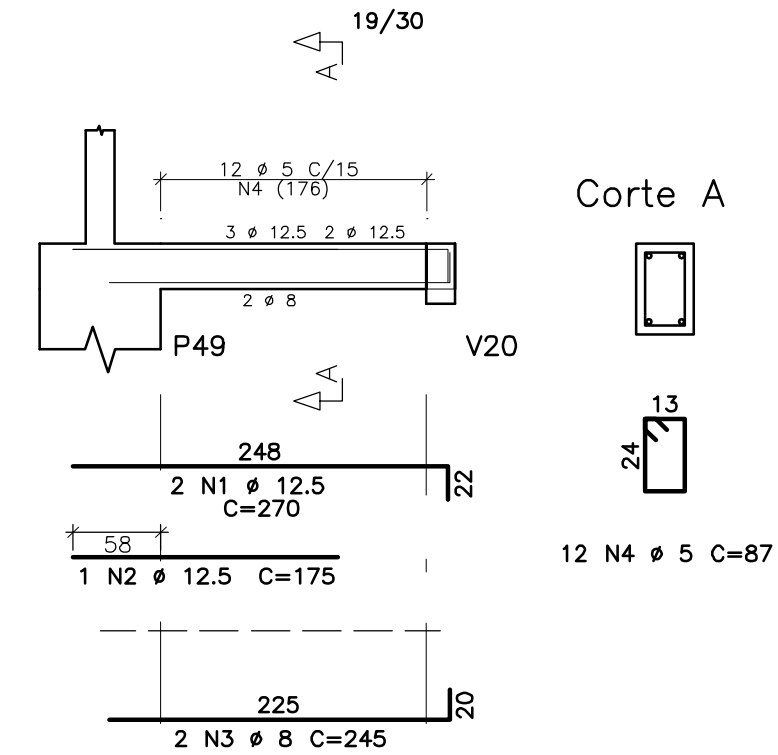
V48



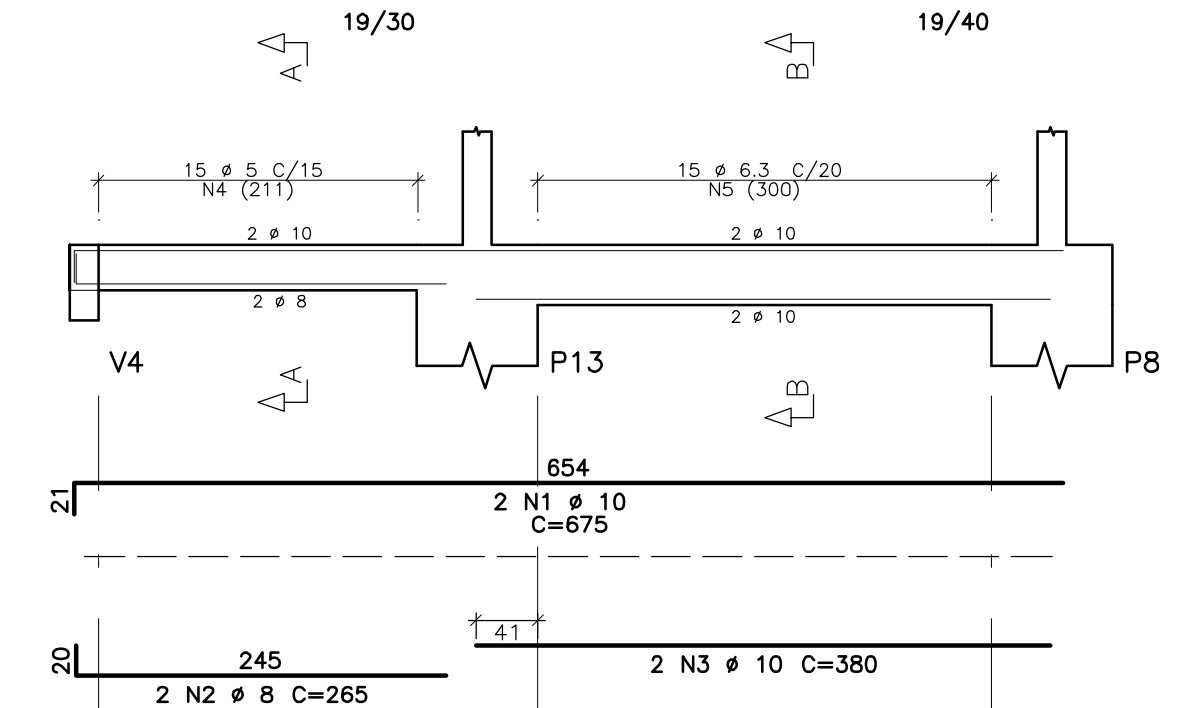
V49



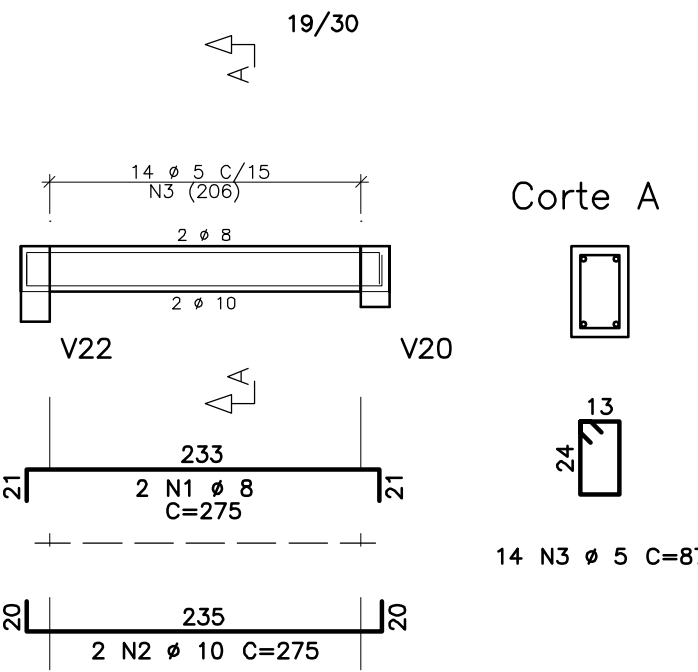
V51



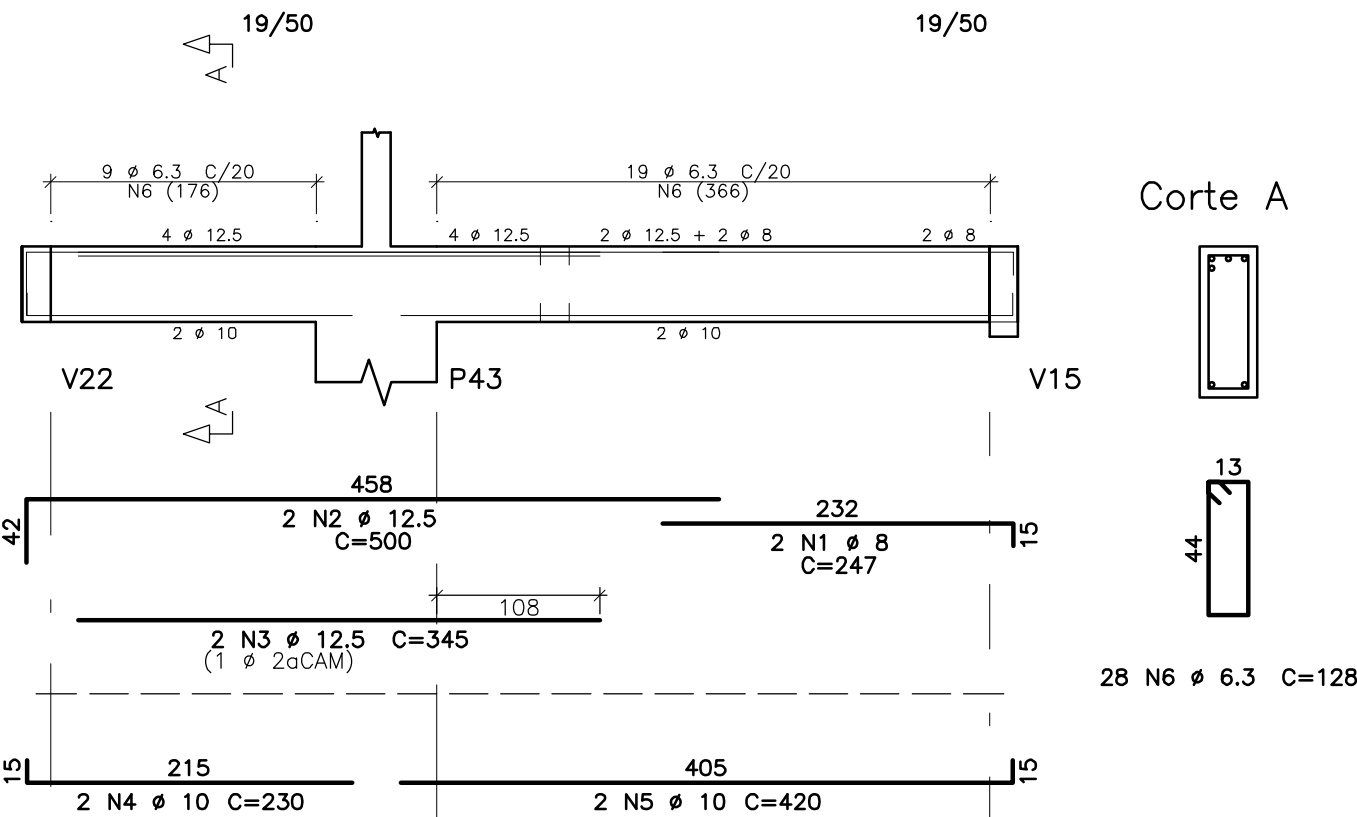
V52



V53

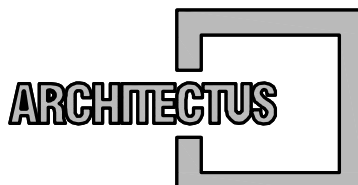


V54



| TABELA DE FERROS |      |           |        |                                  |
|------------------|------|-----------|--------|----------------------------------|
| ELEM.            | POS. | BIT. (mm) | QUANT. | COMPRIMENTO UNIT (cm) TOTAL (cm) |
| V33A             | 1    | 8         | 2      | 434                              |
|                  | 2    | 12.5      | 2      | 443                              |
|                  | 3    | 5         | 25     | 87                               |
| V34              | 1    | 10        | 2      | 455                              |
|                  | 2    | 12.5      | 2      | 433                              |
|                  | 3    | 6.3       | 19     | 108                              |
| V35              | 1    | 10        | 2      | 454                              |
|                  | 2    | 12.5      | 2      | 440                              |
|                  | 3    | 6.3       | 19     | 108                              |
| V36              | 1    | 8         | 2      | 375                              |
|                  | 2    | 8         | 2      | 365                              |
|                  | 3    | 5         | 20     | 87                               |
| V37              | 1    | 12.5      | 2      | 424                              |
|                  | 2    | 10        | 2      | 400                              |
|                  | 3    | 5         | 23     | 87                               |
| V38              | 1    | 10        | 2      | 395                              |
|                  | 2    | 10        | 2      | 385                              |
|                  | 3    | 6.3       | 15     | 108                              |
| V39              | 1    | 8         | 2      | 434                              |
|                  | 2    | 12.5      | 2      | 443                              |
|                  | 3    | 5         | 25     | 87                               |
| V40              | 1    | 10        | 2      | 455                              |
|                  | 2    | 12.5      | 2      | 443                              |
|                  | 3    | 6.3       | 19     | 108                              |
| V41              | 1    | 12.5      | 2      | 437                              |
|                  | 2    | 10        | 2      | 405                              |
|                  | 3    | 6.3       | 17     | 108                              |
| V42              | 1    | 10        | 2      | 375                              |
|                  | 2    | 10        | 2      | 365                              |
|                  | 3    | 5         | 20     | 87                               |
| V43              | 1    | 10        | 2      | 375                              |
|                  | 2    | 10        | 2      | 365                              |
|                  | 3    | 5         | 20     | 87                               |
| V44              | 1    | 12.5      | 2      | 434                              |
|                  | 2    | 12.5      | 2      | 405                              |
|                  | 3    | 6.3       | 17     | 108                              |
| V45              | 1    | 10        | 2      | 423                              |
|                  | 2    | 10        | 2      | 407                              |
|                  | 3    | 6.3       | 17     | 108                              |
| V47              | 2    | 16        | 2      | 440                              |
|                  | 3    | 10        | 6      | 365                              |
|                  | 4    | 12.5      | 2      | 740                              |
| V48              | 1    | 10        | 2      | 225                              |
|                  | 2    | 12.5      | 3      | 220                              |
|                  | 3    | 10        | 2      | 405                              |
| V49              | 1    | 8         | 2      | 432                              |
|                  | 2    | 12.5      | 2      | 435                              |
|                  | 3    | 5         | 25     | 87                               |
| V50              | 1    | 10        | 2      | 995                              |
|                  | 2    | 10        | 2      | 285                              |
|                  | 3    | 10        | 2      | 350                              |
| V51              | 1    | 12.5      | 2      | 270                              |
|                  | 2    | 12.5      | 1      | 175                              |
|                  | 3    | 8         | 2      | 245                              |
| V52              | 1    | 10        | 2      | 675                              |
|                  | 2    | 8         | 2      | 265                              |
|                  | 3    | 10        | 2      | 380                              |
| V53              | 1    | 8         | 2      | 275                              |
|                  | 2    | 10        | 2      | 275                              |
|                  | 3    | 5         | 14     | 87                               |
| V54              | 1    | 8         | 2      | 247                              |
|                  | 2    | 12.5      | 2      | 500                              |
|                  | 3    | 12.5      | 2      | 345                              |

| RESUMO AÇO CA 50-60 |           |           |
|---------------------|-----------|-----------|
| BITOLA (mm)         | COMPR (m) | PESO (kg) |
| 5                   | 173       | 27        |
| 6.3                 | 276       | 68        |
| 8                   | 61        | 24        |
| 10                  | 218       | 134       |
| 12.5                | 132       | 127       |
| 16                  | 9         | 14        |
| Peso Total          | 60        | 27 kg     |
| Peso Total          | 50        | 368 kg    |



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Barueri/SP - Tel:(011)2078-9000  
http://www.mha.com.br

## NOTAS

01 - MEDIDAS EM CENTIMETROS

02 - TABELA DE ARMADURA SEM A CONSIDERAÇÃO DE PERDAS

03 - COBRIMENTO VIGAS = 4,0cm.

## DETALHES CONSTRUTIVOS:

| DETALHES DE DOBRAMENTOS           |     |     |     |
|-----------------------------------|-----|-----|-----|
| BARRAS DOBRADAS                   |     |     |     |
|                                   |     |     |     |
| GANCHOS                           |     |     |     |
|                                   |     |     |     |
| DIÂMETRO DO PINO DE DOBRAMENTO dB |     |     |     |
| BITOLAS                           | 4 # | 5 # | 6 # |
| φ < 20mm                          | 4 # | 5 # | 6 # |
| φ ≥ 20mm                          | 5 # | 8 # | 8 # |
| ESTRIBO                           |     |     |     |
| φ ≤ 10mm                          | 3 # | 3 # | 3 # |
| 10 < φ < 20                       | 4 # | 5 # | 5 # |
| φ ≥ 20mm                          | 5 # | 8 # | 8 # |



PROSUS  
SECRETARIA DE SAÚDE DO ESTADO DA BAHIA-SESAB



|                                                   |                                |            |
|---------------------------------------------------|--------------------------------|------------|
| Unidade/Orgão:                                    | Município:                     | Boleto:    |
| UNIDADE BÁSICA DE SAÚDE / SESAB                   | CANDEIAS                       | OURO NEGRO |
| Nome do projeto:                                  | Escala:                        |            |
| PROJETO EXECUTIVO DE ESTRUTURA                    | 1:50                           |            |
| Título: ARMAÇÃO DE VIGAS DA FUNDAÇÃO - 4          | Data:                          | Folha:     |
|                                                   | 09/12/2016                     |            |
| Responsável técnico:                              | Coord. elab. de projetos:      |            |
| MARIA ELISA V. GERMANO                            | MARIA TEREZA DE CARVALHO BRAGA |            |
| Arquivo:                                          | Topógrafo:                     | Desenho:   |
| 029_PE_EST_008_UBSII_CANDEIAS O.NEGRO_TER_R01.dwg |                                | IRWIN      |

EST  
008