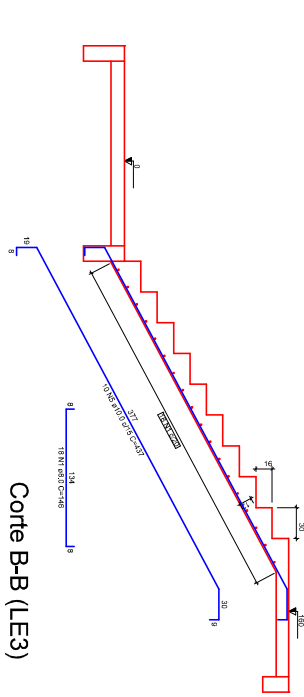
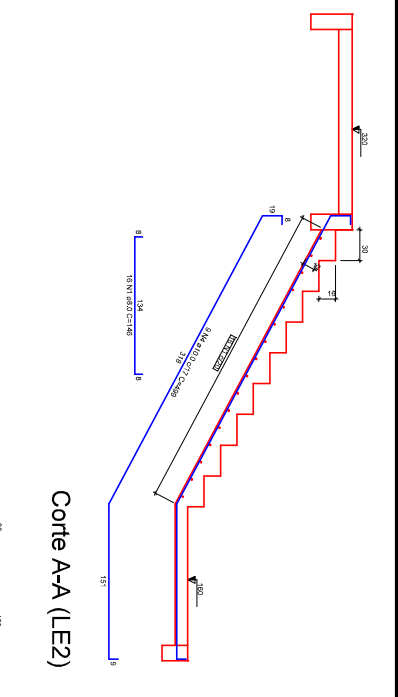
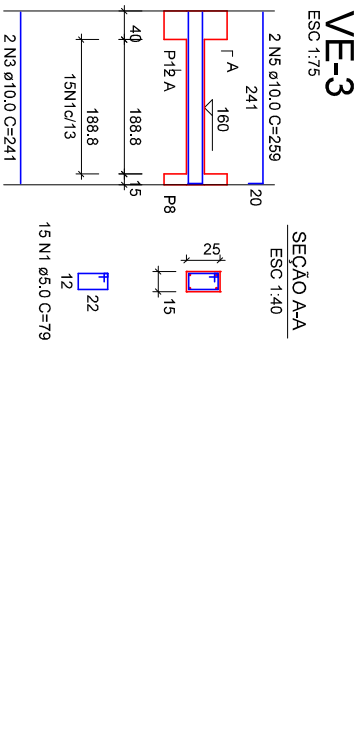
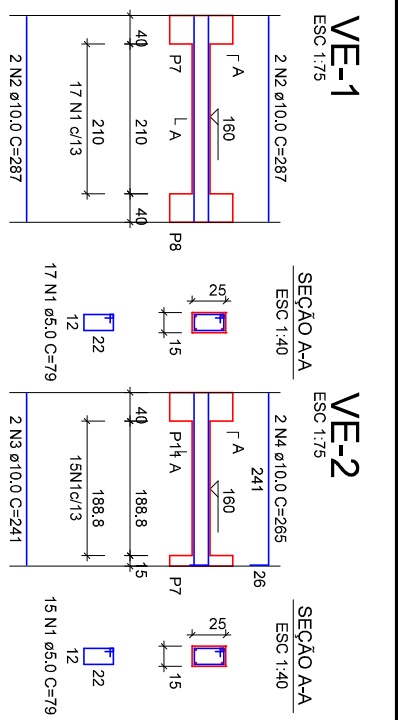


Armação positiva da escada E1



RELAÇÃO DO AÇO

| LE1 | LE2 | LE3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|-----------|-------------|--------------|--------------|------|---|-----|----|-----|------|--|---|------|---|-----|------|--|---|------|---|-----|------|--|---|------|---|-----|------|--|---|------|----|-----|------|--|--|
| <table border="1"> <thead> <tr> <th>ACO</th> <th>N</th> <th>DIAM (mm)</th> <th>QUANT</th> <th>C.UINT (cm)</th> <th>C.TOTAL (cm)</th> </tr> </thead> <tbody> <tr> <td>CA50</td> <td>1</td> <td>8.0</td> <td>34</td> <td>146</td> <td>4964</td> </tr> <tr> <td></td> <td>2</td> <td>10.0</td> <td>7</td> <td>287</td> <td>2009</td> </tr> <tr> <td></td> <td>3</td> <td>10.0</td> <td>7</td> <td>157</td> <td>1089</td> </tr> <tr> <td></td> <td>4</td> <td>10.0</td> <td>9</td> <td>499</td> <td>4491</td> </tr> <tr> <td></td> <td>5</td> <td>10.0</td> <td>10</td> <td>437</td> <td>4370</td> </tr> </tbody> </table> | ACO | N | DIAM (mm) | QUANT | C.UINT (cm) | C.TOTAL (cm) | CA50 | 1 | 8.0 | 34 | 146 | 4964 | | 2 | 10.0 | 7 | 287 | 2009 | | 3 | 10.0 | 7 | 157 | 1089 | | 4 | 10.0 | 9 | 499 | 4491 | | 5 | 10.0 | 10 | 437 | 4370 | | |
| ACO | N | DIAM (mm) | QUANT | C.UINT (cm) | C.TOTAL (cm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA50 | 1 | 8.0 | 34 | 146 | 4964 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | 10.0 | 7 | 287 | 2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | 10.0 | 7 | 157 | 1089 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | 10.0 | 9 | 499 | 4491 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | 10.0 | 10 | 437 | 4370 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

RELAÇÃO DO AÇO

| VE-1 | VE-2 | VE-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|-----------|-------------|--------------|--------------|------|---|-----|----|----|------|--|---|------|---|-----|------|--|---|------|---|-----|-----|--|---|------|---|-----|-----|--|---|------|---|-----|-----|--|--|
| <table border="1"> <thead> <tr> <th>ACO</th> <th>N</th> <th>DIAM (mm)</th> <th>QUANT</th> <th>C.UINT (cm)</th> <th>C.TOTAL (cm)</th> </tr> </thead> <tbody> <tr> <td>CA60</td> <td>1</td> <td>5.0</td> <td>47</td> <td>79</td> <td>3713</td> </tr> <tr> <td></td> <td>2</td> <td>10.0</td> <td>4</td> <td>287</td> <td>1148</td> </tr> <tr> <td></td> <td>3</td> <td>10.0</td> <td>4</td> <td>241</td> <td>964</td> </tr> <tr> <td></td> <td>4</td> <td>10.0</td> <td>2</td> <td>265</td> <td>530</td> </tr> <tr> <td></td> <td>5</td> <td>10.0</td> <td>2</td> <td>259</td> <td>518</td> </tr> </tbody> </table> | ACO | N | DIAM (mm) | QUANT | C.UINT (cm) | C.TOTAL (cm) | CA60 | 1 | 5.0 | 47 | 79 | 3713 | | 2 | 10.0 | 4 | 287 | 1148 | | 3 | 10.0 | 4 | 241 | 964 | | 4 | 10.0 | 2 | 265 | 530 | | 5 | 10.0 | 2 | 259 | 518 | | |
| ACO | N | DIAM (mm) | QUANT | C.UINT (cm) | C.TOTAL (cm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA60 | 1 | 5.0 | 47 | 79 | 3713 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | 10.0 | 4 | 287 | 1148 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | 10.0 | 4 | 241 | 964 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | 10.0 | 2 | 265 | 530 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | 10.0 | 2 | 259 | 518 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

RESUMO DO AÇO

| ACO | DIAM (mm) | C.TOTAL (m) | PESO + 10% (kg) |
|------------------------|-----------|-------------|-----------------|
| CA50 | 8.0 | 49.6 | 21.5 |
| CA50 | 10.0 | 119.7 | 81.2 |
| PESO TOTAL (kg) | | | 102.7 |

RESUMO DO AÇO

| ACO | DIAM (mm) | C.TOTAL (m) | PESO + 10% (kg) |
|------------------------|-----------|-------------|-----------------|
| CA50 | 10.0 | 31.6 | 21.4 |
| CA60 | 5.0 | 37.1 | 6.3 |
| PESO TOTAL (kg) | | | 27.7 |

Volume de concreto (C-25) = 2,06 m³
 Área de forma = 20,19 m²

Volume de concreto (C-25) = 0,29 m³
 Área de forma = 5,05 m²

Prefeitura Municipal de Barão de Cotegipe
 Rua Princesa Isabel, 154 - Centro
 CEP: 89740-000
 Fone: 54 3823 1344

Tipo do Projeto / Serviço:
AMPLIAÇÃO - EMEI BARÃOZINHO

Conteúdo:
DETALHAMENTO E ARMADURA ESCADA

Prancha:
ESCADA

Data:
11/2024

Proprietário(a):
MUNICÍPIO DE BARÃO DE COTEGIPE
 CNPJ: 87.613.451/0001-82

Responsável Técnico:
Luis Carlos Balestrin
 Eng. Civil CREA RS 098570-D

Endereço:
Avenida Adão Welker, 650 - Parte do lote nº 05 - Barão de Cotegipe/RS

Desenho:
Luis

Escala:
INDICADA