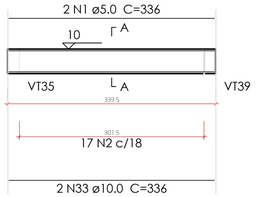
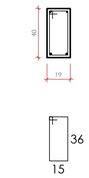
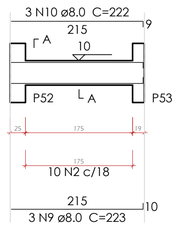
## VT14
ESC 1:50



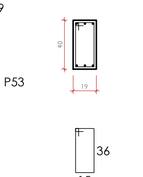

SEÇÃO A-A
ESC 1:25



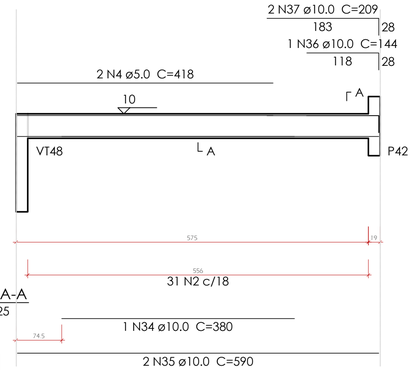

## VT21
ESC 1:50



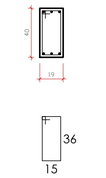

SEÇÃO A-A
ESC 1:25



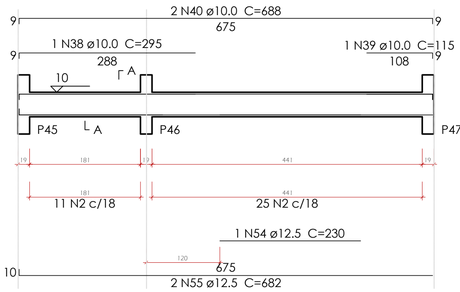

## VT17
ESC 1:50



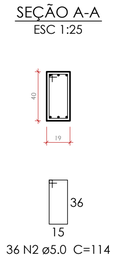

SEÇÃO A-A
ESC 1:25



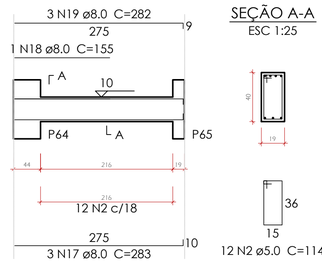

## VT18
ESC 1:50




SEÇÃO A-A
ESC 1:25



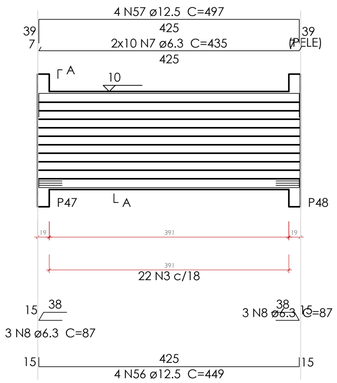

## VT24
ESC 1:50



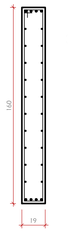

SEÇÃO A-A
ESC 1:25



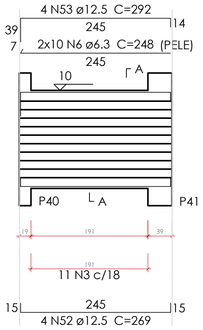

## VT19
ESC 1:50



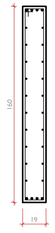

SEÇÃO A-A
ESC 1:25



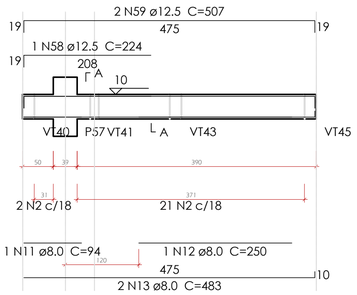

## VT16
ESC 1:50



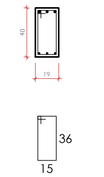

SEÇÃO A-A
ESC 1:25



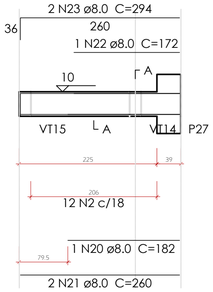

## VT22
ESC 1:50



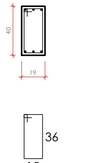

SEÇÃO A-A
ESC 1:25




## VT39
ESC 1:50




SEÇÃO A-A
ESC 1:25




### Relação do aço

| | | |
|---|---|---|
| VT11 | VT13 | VT14 |
| VT16 | VT17 | VT18 |
| VT19 | VT21 | VT22 |
| VT23 | VT24 | VT25 |
| VT39 | | |

| AÇO | N | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
|---|---|---|---|---|---|
| CA60 | 1 | 5.0 | 2 | 336 | 672 |
| | 2 | 5.0 | 327 | 114 | 37278 |
| | 3 | 5.0 | 33 | 354 | 11682 |
| | 4 | 5.0 | 2 | 418 | 836 |
| | 5 | 5.0 | 15 | 134 | 2010 |
| CA50 | 6 | 6.3 | 20 | 248 | 4960 |
| | 7 | 6.3 | 20 | 435 | 8700 |
| | 8 | 6.3 | 6 | 87 | 522 |
| | 9 | 8.0 | 3 | 223 | 669 |
| | 10 | 8.0 | 3 | 222 | 666 |
| | 11 | 8.0 | 1 | 94 | 94 |
| | 12 | 8.0 | 1 | 250 | 250 |
| | 13 | 8.0 | 2 | 483 | 966 |
| | 14 | 8.0 | 1 | 166 | 166 |
| | 15 | 8.0 | 1 | 186 | 186 |
| | 16 | 8.0 | 2 | 691 | 1382 |
| | 17 | 8.0 | 3 | 283 | 849 |
| | 18 | 8.0 | 1 | 155 | 155 |
| | 19 | 8.0 | 3 | 282 | 846 |
| | 20 | 8.0 | 1 | 182 | 182 |
| | 21 | 8.0 | 2 | 260 | 520 |
| | 22 | 8.0 | 1 | 172 | 172 |
| | 23 | 8.0 | 2 | 294 | 588 |
| | 24 | 8.0 | 2 | 270 | 540 |
| | 25 | 8.0 | 1 | 327 | 327 |
| | 26 | 8.0 | 1 | 290 | 290 |
| | 27 | 8.0 | 2 | 758 | 1516 |
| | 28 | 8.0 | 1 | 305 | 305 |
| | 29 | 8.0 | 2 | 435 | 870 |
| | 30 | 8.0 | 1 | 128 | 128 |
| | 31 | 8.0 | 1 | 95 | 95 |
| | 32 | 8.0 | 2 | 442 | 884 |
| | 33 | 10.0 | 2 | 336 | 672 |
| | 34 | 10.0 | 1 | 380 | 380 |
| | 35 | 10.0 | 2 | 590 | 1180 |
| | 36 | 10.0 | 1 | 144 | 144 |
| | 37 | 10.0 | 2 | 209 | 418 |
| | 38 | 10.0 | 1 | 295 | 295 |
| | 39 | 10.0 | 1 | 115 | 115 |
| | 40 | 10.0 | 2 | 688 | 1376 |
| | 41 | 10.0 | 1 | 196 | 196 |
| | 42 | 10.0 | 2 | 259 | 518 |
| | 43 | 10.0 | 2 | 1132 | 2264 |
| | 44 | 10.0 | 2 | 763 | 1526 |
| | 45 | 10.0 | 3 | 126 | 378 |
| | 46 | 10.0 | 1 | 205 | 205 |
| | 47 | 10.0 | 1 | 210 | 210 |
| | 48 | 10.0 | 2 | 1198 | 2396 |
| | 49 | 10.0 | 2 | 900 | 1800 |
| | 50 | 10.0 | 1 | 215 | 215 |
| | 51 | 10.0 | 2 | 512 | 1024 |
| | 52 | 12.5 | 4 | 269 | 1076 |
| | 53 | 12.5 | 4 | 292 | 1168 |
| | 54 | 12.5 | 1 | 230 | 230 |
| | 55 | 12.5 | 2 | 682 | 1364 |
| | 56 | 12.5 | 4 | 449 | 1796 |
| | 57 | 12.5 | 4 | 497 | 1988 |
| | 58 | 12.5 | 1 | 224 | 224 |
| | 59 | 12.5 | 2 | 507 | 1014 |
| | 60 | 12.5 | 1 | 225 | 225 |
| | 61 | 12.5 | 2 | 719 | 1438 |

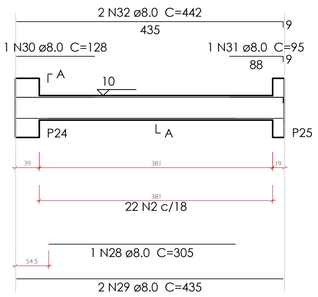
### Resumo do aço

| AÇO | DIAM (mm) | C.TOTAL (m) | PESO + 10 % (kg) |
|---|---|---|---|
| CA50 | 6.3 | 141.9 | 38.2 |
| | 8.0 | 126.5 | 54.9 |
| | 10.0 | 153.2 | 103.8 |
| | 12.5 | 105.3 | 111.5 |
| CA60 | 5.0 | 524.8 | 89 |

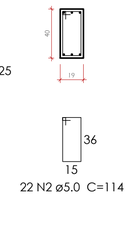
| PESO TOTAL (kg) | |
|---|---|
| CA50 | 308.4 |
| CA60 | 89 |

Volume de concreto (C-30) = 5.95 m³
Área de forma = 85.5 m²

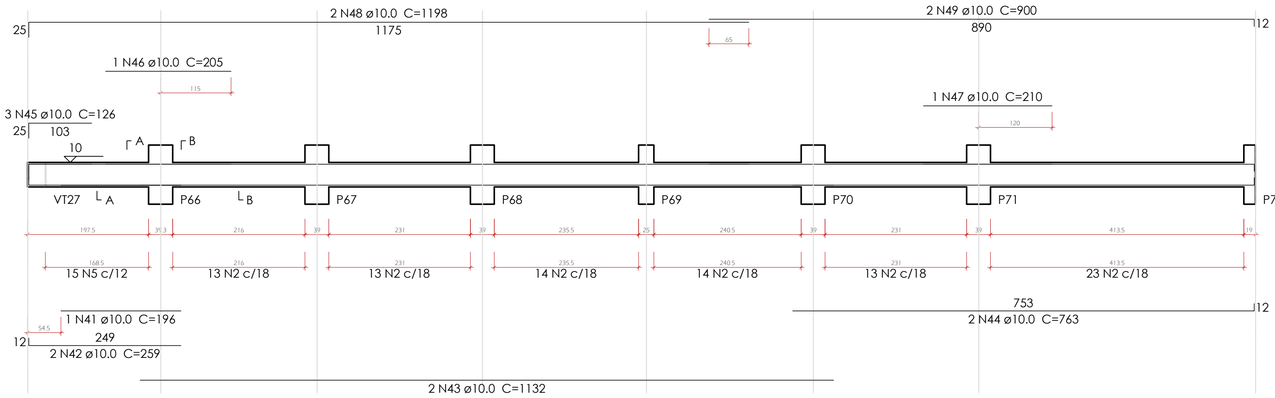
## VT11
ESC 1:50



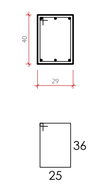

SEÇÃO A-A
ESC 1:25



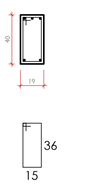

## VT25
ESC 1:50



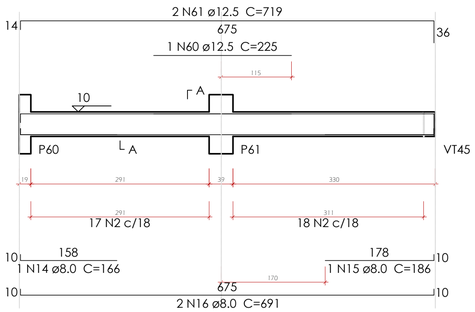

SEÇÃO A-A
ESC 1:25



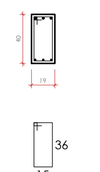

SEÇÃO B-B
ESC 1:25



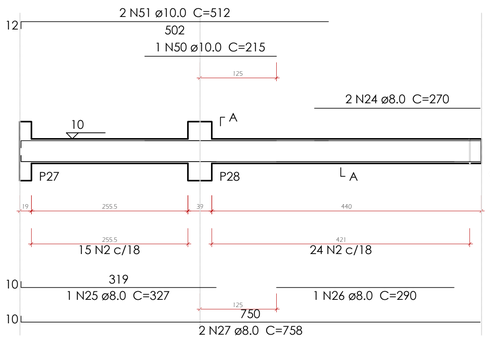

## VT23
ESC 1:50



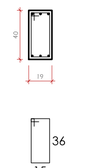

SEÇÃO A-A
ESC 1:25




## VT13
ESC 1:50




SEÇÃO A-A
ESC 1:25




REVISÕES

| Nº | DATA | DESCRIÇÃO | ASSINATURA |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | "AS BUILT" | |

**SERVIÇO SOCIAL DO COMÉRCIO**
DEPARTAMENTO REGIONAL
SANTA CATARINA
Rua Felipe Schmidt, 785 – Centro – Florianópolis
CEP 88.010.002 – Fone/Fax: (48) 3251-4800
sesc-sc@sesc-sc.com.br

Projeto
# ESTRUTURAL

Local: SESC TUBARÃO
End.: Rua Antônio Hülse, 411 – Dehon – Tubarão/SC

Obra: CONSTRUÇÃO NOVO BLOCO

Conteudo: VIGAS TERREO 2

Proprietário: SERVIÇO SOCIAL DO COMÉRCIO
Resp. técnico

Carimbo e Assinatura
Carimbo e Assinatura

Autor do Projeto
ENG. Julliano R. Thiesen
CREA 43.981-3
Assinatura

Co-Autor do Projeto

Prancha nº: 14
Total: 47

| Arquivo | Desenho | Escala | Data |
|---|---|---|---|
| ESTRUTURAL SESC TUBARÃO - TERREO - REV01.DWG | JULLIANO | Indicada | JANEIRO/2022 |

DATA DE PLOTAGEM: 21/março/2019 ********** PENA DE PLOTAGEM: Acad JRT.ctb
ARQUIVO: \\192.168.2.100\Volume_1\SESC\SESC - Tubarão\2022\ESTRUTURAL\REVISAO 1\ESTRUTURAL SESC TUBARÃO - TERREO - REV01.dwg
TAMANHO DA PRANCHA:(840mm x 594mm)