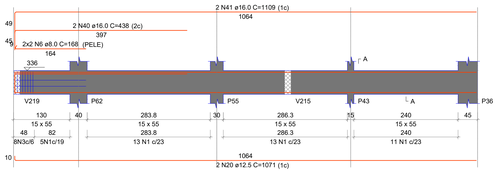
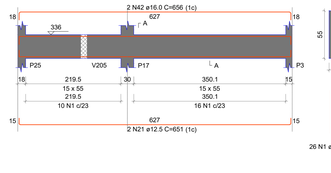
# VIGAS 2/2 - Primeiro Pavimento - Nível 3,36

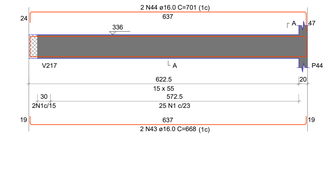
## V225
ESC 1:50



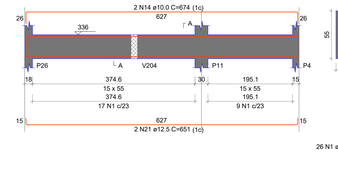

## V226
ESC 1:50



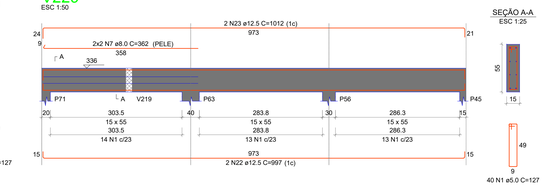

## V227
ESC 1:50



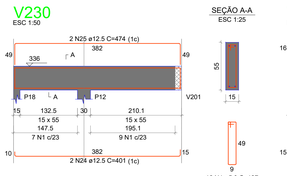

## V228
ESC 1:50



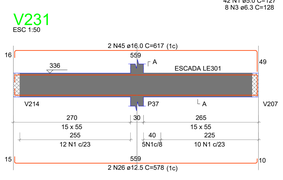

## V229
ESC 1:50



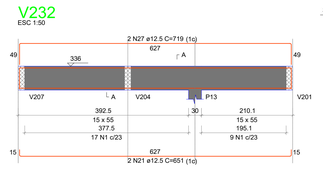

## V230
ESC 1:50



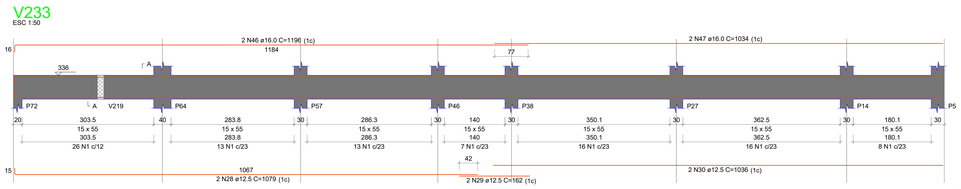

## V231
ESC 1:50



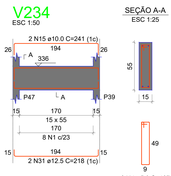

## V232
ESC 1:50



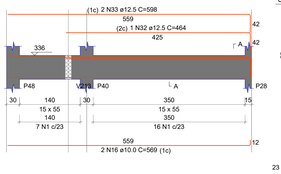

## V233
ESC 1:50



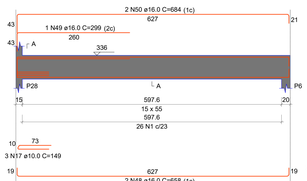

## V234
ESC 1:50



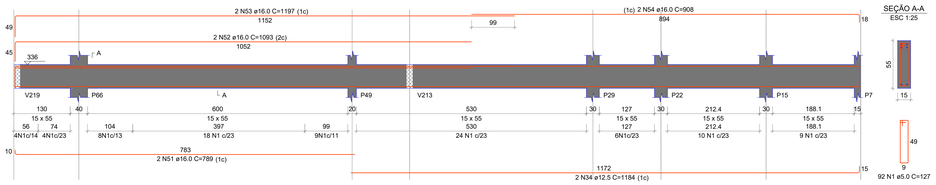

## V235
ESC 1:50



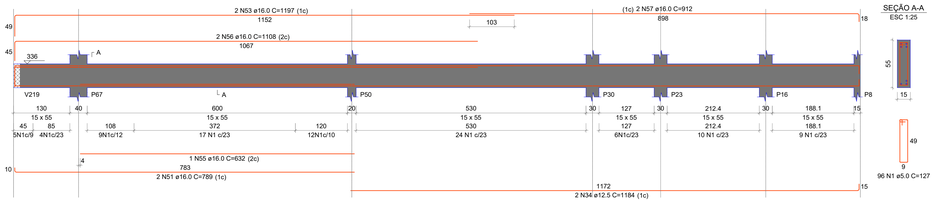

## V236
ESC 1:50



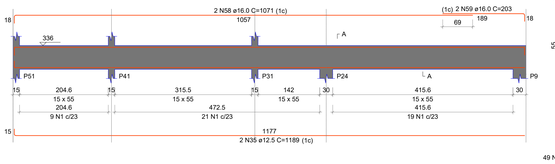

## V237
ESC 1:50



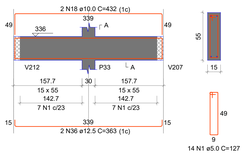

## V238
ESC 1:50



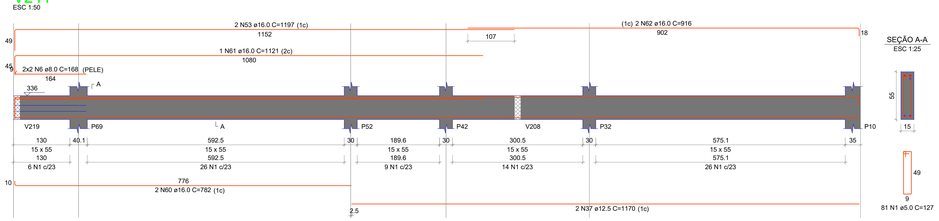

## V239
ESC 1:50



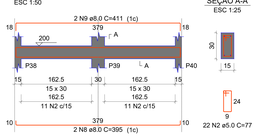

## V240
ESC 1:50



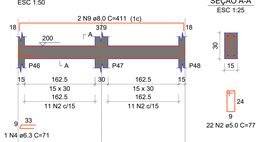

## V241
ESC 1:50



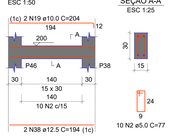

## V242
ESC 1:50



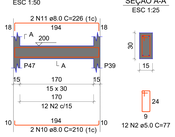

## V243
ESC 1:50



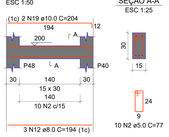

## V244
ESC 1:50



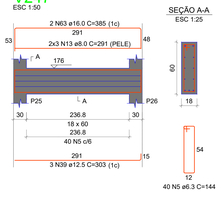

## V245
ESC 1:50




## V246
ESC 1:50




## V247
ESC 1:50




## RELAÇÃO DO AÇO

| | | |
|---|---|---|
| V225 | V226 | V227 |
| V228 | V229 | V230 |
| V231 | V232 | V233 |
| V234 | V235 | V236 |
| V237 | V238 | V239 |
| V240 | V241 | V242 |
| V243 | V244 | V245 |
| V246 | V247 | |

| AÇO | N | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
|---|---|---|---|---|---|
| CA50 | 1 | 6.3 | 76 | 1121 | 851 |
| | 2 | 6.3 | 76 | 1121 | 851 |
| CA50 | 3 | 6.3 | 4 | 1121 | 44 |
| | 4 | 6.3 | 40 | 144 | 5760 |
| | 5 | 8.0 | 4 | 160 | 640 |
| | 6 | 8.0 | 4 | 1444 | 5776 |
| | 7 | 8.0 | 4 | 1444 | 5776 |
| | 8 | 8.0 | 4 | 413 | 1652 |
| | 9 | 8.0 | 2 | 255 | 510 |
| | 10 | 8.0 | 2 | 194 | 388 |
| | 11 | 8.0 | 2 | 391 | 782 |
| | 12 | 8.0 | 2 | 674 | 1348 |
| | 13 | 10.0 | 2 | 541 | 1082 |
| | 14 | 10.0 | 2 | 560 | 1120 |
| | 15 | 10.0 | 2 | 149 | 447 |
| | 16 | 10.0 | 2 | 432 | 864 |
| | 17 | 10.0 | 2 | 204 | 816 |
| | 18 | 10.0 | 2 | 1071 | 2142 |
| | 19 | 12.5 | 6 | 621 | 3906 |
| | 20 | 12.5 | 2 | 997 | 1994 |
| | 21 | 12.5 | 2 | 1622 | 3244 |
| | 22 | 12.5 | 2 | 1622 | 3244 |
| | 23 | 12.5 | 2 | 671 | 1342 |
| | 24 | 12.5 | 2 | 474 | 948 |
| | 25 | 12.5 | 2 | 574 | 1148 |
| | 26 | 12.5 | 2 | 719 | 1438 |
| | 27 | 12.5 | 2 | 1059 | 2118 |
| | 28 | 12.5 | 2 | 162 | 324 |
| | 29 | 12.5 | 2 | 218 | 436 |
| | 30 | 12.5 | 2 | 464 | 928 |
| | 31 | 12.5 | 2 | 598 | 1196 |
| | 32 | 12.5 | 2 | 1689 | 3378 |
| | 33 | 12.5 | 2 | 303 | 606 |
| | 34 | 12.5 | 2 | 1170 | 2340 |
| | 35 | 12.5 | 2 | 144 | 288 |
| | 36 | 12.5 | 2 | 305 | 610 |
| | 37 | 12.5 | 2 | 433 | 866 |
| | 38 | 16.0 | 2 | 1169 | 2338 |
| | 39 | 16.0 | 2 | 1169 | 2338 |
| | 40 | 16.0 | 2 | 608 | 1216 |
| | 41 | 16.0 | 2 | 608 | 1216 |
| | 42 | 16.0 | 2 | 617 | 1234 |
| | 43 | 16.0 | 2 | 1166 | 2332 |
| | 44 | 16.0 | 2 | 1034 | 2068 |
| | 45 | 16.0 | 2 | 665 | 1330 |
| | 46 | 16.0 | 2 | 299 | 598 |
| | 47 | 16.0 | 2 | 1166 | 2332 |
| | 48 | 16.0 | 2 | 1166 | 2332 |
| | 49 | 16.0 | 2 | 1107 | 2214 |
| | 50 | 16.0 | 2 | 1107 | 2214 |
| | 51 | 16.0 | 2 | 620 | 1240 |
| | 52 | 16.0 | 2 | 620 | 1240 |
| | 53 | 16.0 | 2 | 972 | 1944 |
| | 54 | 16.0 | 2 | 1071 | 2142 |
| | 55 | 16.0 | 2 | 203 | 406 |
| | 56 | 16.0 | 2 | 203 | 406 |
| | 57 | 16.0 | 2 | 1121 | 2242 |
| | 58 | 16.0 | 2 | 1121 | 2242 |
| | 59 | 16.0 | 2 | 945 | 1890 |

## RESUMO DO AÇO

| AÇO | DIAM (mm) | C.TOTAL (m) | PESO + 10% (kg) |
|---|---|---|---|
| CA50 | 6.3 | 68.5 | 18.5 |
| | 8.0 | 92.2 | 40 |
| | 10.0 | 34 | 34.6 |
| | 12.5 | 325.4 | 344.8 |
| | 16.0 | 425.7 | 740.8 |
| CA60 | 5.0 | 970.4 | 164.5 |
| PESO TOTAL (kg) | | | |
| CA50 | 1178.6 | | |
| CA60 | 164.5 | | |

Volume de concreto (C-30) = 13.06 m³
Área de forma = 152.59 m²

AMURES
ASSOCIAÇÃO DE MUNICÍPIOS DA REGIÃO SERRANA

**PREFEITURA MUNICIPAL DE SÃO JOAQUIM - SC**

14 / 29

**ASSESSORIA TÉCNICA**

PROJETO:
MATHEUS LORENZETTI CASAGRANDE:05074344980 Assinado de forma digital por MATHEUS LORENZETTI CASAGRANDE:05074344980 Dados: 2025.10.14 08:16:14 -03'00'
**Matheus Lorenzetti Casagrande**
Eng. Civil - CREA 165793-1

PREFEITO:
**José Teodoro de Sena Amaral**

**OBRA :**
**CENTRO DE EDUCAÇÃO INFANTIL (CEI) SANTA PAULINA**
**Projeto Estrutural**
Detalhamento das Vigas 2/2 do Primeiro Pav. - Nivel 3,36

**Área Total: 1828,80 m²**
Localização: Rua Antônio José Alves de Sá ; Bairro: Centro ; CEP:88600-000 ; s/nº

DESENHO : Matheus Lorenzetti Casagrande
Escala: Indicada
DATA : 10/2025