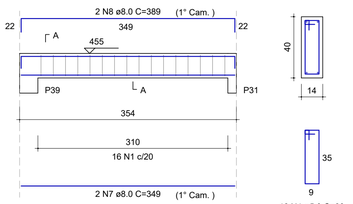
PROJETO ESTRUTURAL EM CONCRETO ARMADO
ESCALA INDICADA

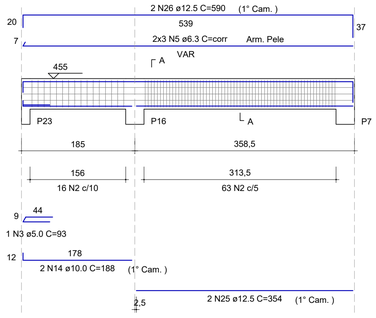
## VF60
Escala 1:50



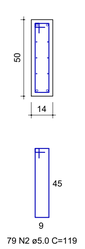

SEÇÃO A-A
Escala 1:20



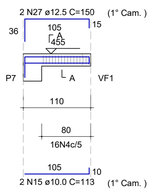

## VF61
Escala 1:50



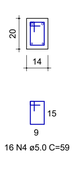

SEÇÃO A-A
Escala 1:20



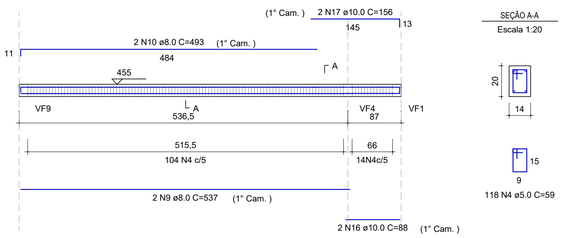

## VF62
Escala 1:50




SEÇÃO A-A
Escala 1:20



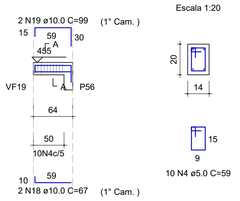

## VF63
Escala 1:50




SEÇÃO A-A
Escala 1:20



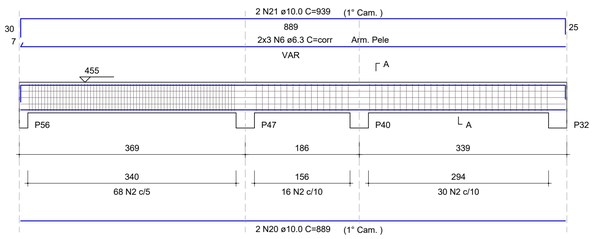

## VF64
Escala 1:50



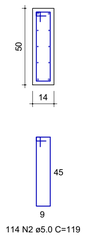

SEÇÃO A-A
Escala 1:20



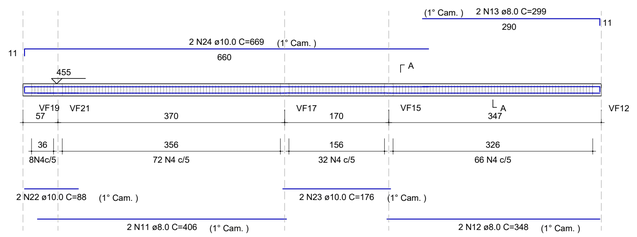

## VF65
Escala 1:50



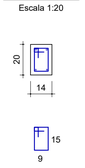

SEÇÃO A-A
Escala 1:20




## VF66
Escala 1:50




SEÇÃO A-A
Escala 1:20




RELAÇÃO DO AÇO

VF60 VF61 VF62
VF63 VF64 VF65
VF66

| AÇO | N | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
|---|---|---|---|---|---|
| CA60 | 1 | 5.0 | 16 | 99 | 1584 |
| | 2 | 5.0 | 193 | 119 | 22967 |
| | 3 | 5.0 | 1 | 93 | 93 |
| | 4 | 5.0 | 322 | 59 | 18998 |
| CA50 | 5 | 6.3 | 6 | corr | 3252 |
| | 6 | 6.3 | 6 | corr | 5352 |
| | 7 | 8.0 | 2 | 349 | 698 |
| | 8 | 8.0 | 2 | 389 | 778 |
| | 9 | 8.0 | 2 | 537 | 1074 |
| | 10 | 8.0 | 2 | 493 | 986 |
| | 11 | 8.0 | 2 | 406 | 812 |
| | 12 | 8.0 | 2 | 348 | 696 |
| | 13 | 8.0 | 2 | 299 | 598 |
| | 14 | 10.0 | 2 | 188 | 376 |
| | 15 | 10.0 | 2 | 113 | 226 |
| | 16 | 10.0 | 2 | 88 | 176 |
| | 17 | 10.0 | 2 | 156 | 312 |
| | 18 | 10.0 | 2 | 67 | 134 |
| | 19 | 10.0 | 2 | 99 | 198 |
| | 20 | 10.0 | 2 | 889 | 1778 |
| | 21 | 10.0 | 2 | 939 | 1878 |
| | 22 | 10.0 | 2 | 88 | 176 |
| | 23 | 10.0 | 2 | 176 | 352 |
| | 24 | 10.0 | 2 | 669 | 1338 |
| | 25 | 12.5 | 2 | 354 | 708 |
| | 26 | 12.5 | 2 | 590 | 1180 |
| | 27 | 12.5 | 2 | 150 | 300 |

RESUMO DO AÇO

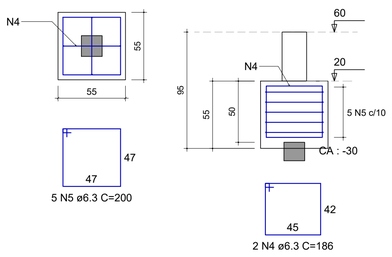
| AÇO | DIAM (mm) | C.TOTAL (m) | QUANT + 10% (Barras) | PESO + 10% (kg) |
|---|---|---|---|---|
| CA50 | 6.3 | 86 | 8 | 23.2 |
| | 8.0 | 56.4 | 6 | 24.5 |
| | 10.0 | 69.4 | 7 | 47.1 |
| | 12.5 | 21.9 | 3 | 23.2 |
| CA60 | 5.0 | 436.4 | 41 | 74 |
| PESO TOTAL (kg) | | | | |
| CA50 | 117.9 | | | |
| CA60 | 74 | | | |

Volume de concreto (C-30) = 1.51 m³
Área de forma = 29.12 m²

B1=B2=B3=B4=B7=B8=B9=B10=B11=B12=B13
=B14=B15=B16=B17=B18=B19=B20=B21=B22
=B23=B24=B25=B26=B27=B28=B29=B30=B31
=B32=B34=B35=B36=B37=B38=B39=B40=B41
=B42=B43=B44=B45=B46=B47=B48=B49=B50
=B51=B52=B53=B54=B55=B56
1xØ17

PLANTA
Escala 1:25

CORTE
Escala 1:25

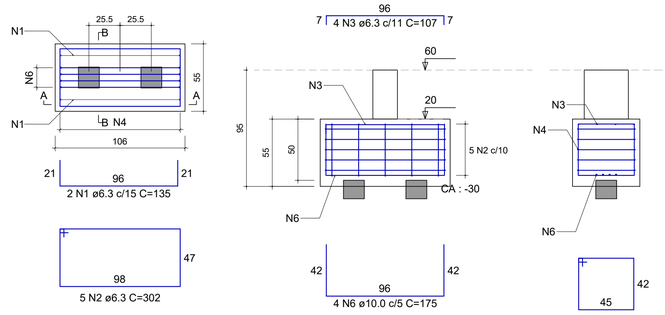



B5=B6=B33
2xØ17

PLANTA
Escala 1:25

CORTE A-A
Escala 1:25

CORTE B-B
Escala 1:25




RELAÇÃO DO AÇO

3xB33 53xB56

| AÇO | N | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
|---|---|---|---|---|---|
| CA50 | 1 | 6.3 | 6 | 135 | 810 |
| | 2 | 6.3 | 15 | 302 | 4530 |
| | 3 | 6.3 | 12 | 107 | 1284 |
| | 4 | 6.3 | 121 | 186 | 22506 |
| | 5 | 6.3 | 265 | 200 | 53000 |
| | 6 | 10.0 | 12 | 175 | 2100 |

RESUMO DO AÇO

| AÇO | DIAM (mm) | C.TOTAL (m) | QUANT + 10% (Barras) | PESO + 10% (kg) |
|---|---|---|---|---|
| CA50 | 6.3 | 821.3 | 76 | 221.1 |
| | 10.0 | 21 | 2 | 14.2 |
| PESO TOTAL (kg) | | | | |
| CA50 | 235.3 | | | |

Volume de concreto (C-30) = 9.69 m³
Área de forma = 69.44 m²

| REV. | DATA | EMISSÃO INICIAL | DAC |
|---|---|---|---|
| REVISÃO | DATA : | DESCRIÇÃO: | RESP.: |

PREFEITURA
SANTA RITA DO SAPUCAI- MG

PROJETO

DAC engenharia
Rua Miguel Vianna, n° 81, Sala 12
Bairro Morro Chic
CEP: 37500-080 - Itajubá / MG
Tel: (35) 3623-5720
www.dacengenharia.com.br

GERÊNCIA DE PROJETOS
PEDRO HENRIQUE JUSTINIANO — ENG. CIVIL

COORDENAÇÃO DE PROJETOS
ALOÍSIO CAETANO FERREIRA — CREA: MG-97.132/D

RESPONSÁVEL TÉCNICO
FLÁVIA CRISTINA BARBOSA
Assinado de forma digital por:FLÁVIA CRISTINA BARBOSA
Dados: 2022.06.14 11:14:23 -03'00'
ENGª. CIVIL FLÁVIA C. BARBOSA — CREA: MG-187.842/D

PROJETO
ENGª. CIVIL WILLIAM BARADEL LARI

DESENHO
ENGª. CIVIL WILLIAM BARADEL LARI / DAVI VELOSO ALVES

EMPREENDIMENTO
CONSTRUÇÃO DA UBS FERNANDES

ENDEREÇO
RUA IZANOR DE PAIVA CHIARINI, B. FERNANDES
SANTA RITA DO SAPUCAÍ - MINAS GERAIS

ASSUNTO
PROJETO ESTRUTURAL EM CONCRETO ARMADO
DETALHAMENTO DAS ARMAÇÕES DAS VIGAS SUPERIORES
CORTES, SEÇÕES E TABELA DE QUANTIDADES

DISCIPLINA
ESTRUTURAL

FASE DO PROJETO
EXECUTIVO

FOLHA Nº.
14/23

| DATA INICIAL | ESCALA | REVISÃO | ARQUIVO |
|---|---|---|---|
| 16/05/2022 | INDICADA | R00 | DAC-PMSRS-FER-PE-EST-R00.DWG |