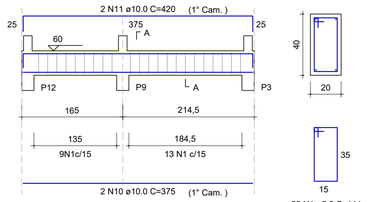
PROJETO ESTRUTURAL EM CONCRETO ARMADO
ESCALA INDICADA

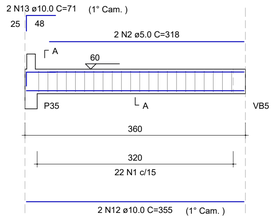
VB17
Escala 1:50



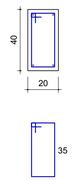
SEÇÃO A-A
Escala 1:20

22 N1 ø5.0 C=111

VB18
Escala 1:50

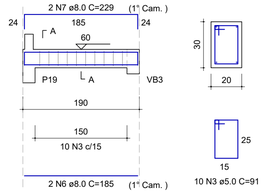


SEÇÃO A-A
Escala 1:20



22 N1 ø5.0 C=111

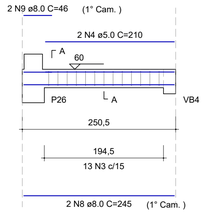
VB19
Escala 1:50



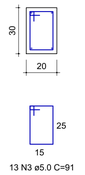
SEÇÃO A-A
Escala 1:20

10 N3 ø5.0 C=91

VB20
Escala 1:50

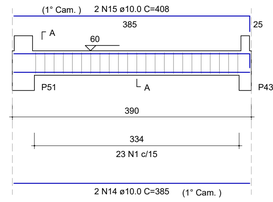


SEÇÃO A-A
Escala 1:20

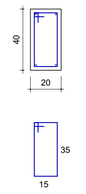


13 N3 ø5.0 C=91

VB21
Escala 1:50

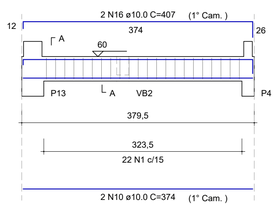


SEÇÃO A-A
Escala 1:20

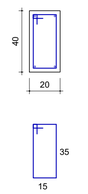


23 N1 ø5.0 C=111

VB22
Escala 1:50

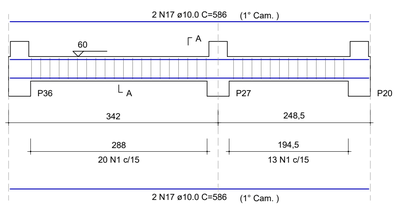


SEÇÃO A-A
Escala 1:20

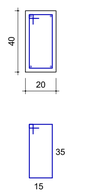


22 N1 ø5.0 C=111

VB23
Escala 1:50

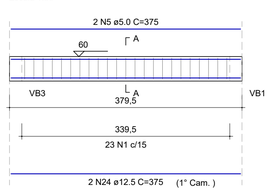


SEÇÃO A-A
Escala 1:20

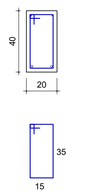


33 N1 ø5.0 C=111

VB24
Escala 1:50

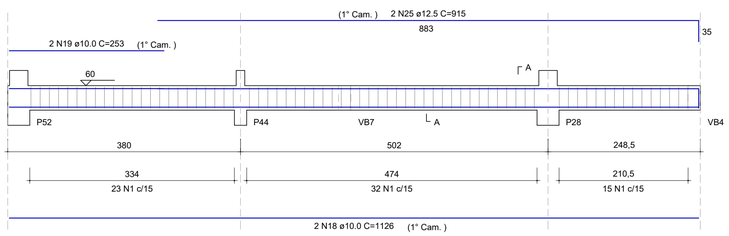


SEÇÃO A-A
Escala 1:20

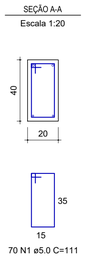


23 N1 ø5.0 C=111

VB25
Escala 1:50

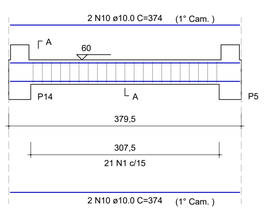


SEÇÃO A-A
Escala 1:20

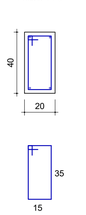


70 N1 ø5.0 C=111

VB26
Escala 1:50

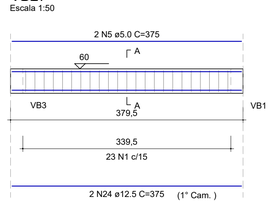


SEÇÃO A-A
Escala 1:20

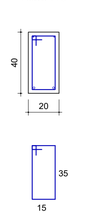


21 N1 ø5.0 C=111

VB27
Escala 1:50

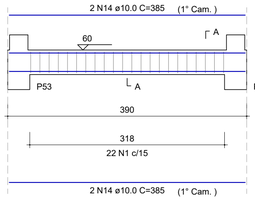


SEÇÃO A-A
Escala 1:20

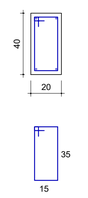


23 N1 ø5.0 C=111

VB28
Escala 1:50

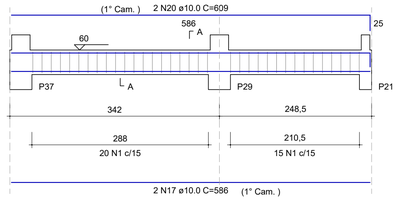


SEÇÃO A-A
Escala 1:20

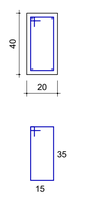


22 N1 ø5.0 C=111

VB29
Escala 1:50

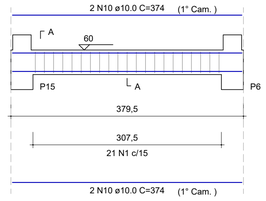


SEÇÃO A-A
Escala 1:20

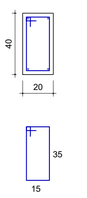


35 N1 ø5.0 C=111

VB30
Escala 1:50

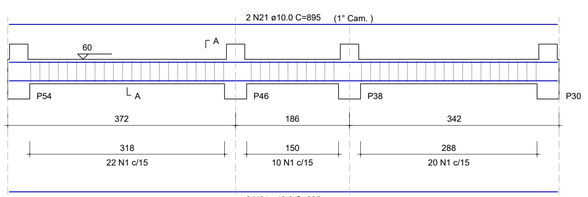


SEÇÃO A-A
Escala 1:20

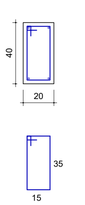


21 N1 ø5.0 C=111

VB31
Escala 1:50

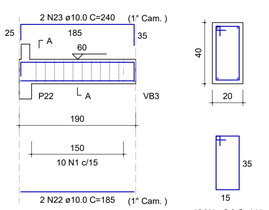


SEÇÃO A-A
Escala 1:20



52 N1 ø5.0 C=111

VB32
Escala 1:50



SEÇÃO A-A
Escala 1:20

10 N1 ø5.0 C=111

RELAÇÃO DO AÇO

VB17 VB18 VB19
VB20 VB21 VB22
VB23 VB24 VB25
VB26 VB27 VB28
VB29 VB30 VB31
VB32

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	399	111	44289
	2	5.0	2	318	636
	3	5.0	23	91	2093
	4	5.0	2	210	420
	5	5.0	4	375	1500
CA50	6	8.0	2	185	370
	7	8.0	2	229	458
	8	8.0	2	245	490
	9	8.0	2	46	92
	10	10.0	12	375	4500
	11	10.0	2	420	840
	12	10.0	2	355	710
	13	10.0	2	71	142
	14	10.0	6	385	2310
	15	10.0	2	408	816
	16	10.0	2	407	814
	17	10.0	6	586	3516
	18	10.0	2	1126	2252
	19	10.0	2	253	506
	20	10.0	2	609	1218
	21	10.0	4	895	3580
	22	10.0	2	185	370
	23	10.0	2	240	480
	24	12.5	4	375	1500
	25	12.5	2	915	1830

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	8.0	14.1	2	6.1
	10.0	220.4	21	149.5
	12.5	33.3	4	35.3
CA60	5.0	489.4	45	83

PESO TOTAL (kg)	
CA50	190.9
CA60	83

Volume de concreto (C-30) = 4.91 m³
Área de forma = 71.71 m²

REV.	DATA	DESCRIÇÃO	RESP.
00	16/05/22	EMISSÃO INICIAL	DAC

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 2022.05.16 14:17:09 -03'00'
ENGº. CIVIL FLÁVIA C. BARBOSA — CREA: MG-187,842/D
PROJETO
ENGº. CIVIL WILLIAM BARADEL LARI
DESENHO
ENGº. 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

DISCIPLINA
ESTRUTURAL

FASE DO PROJETO
EXECUTIVO

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

FOLHA Nº.
08/23

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