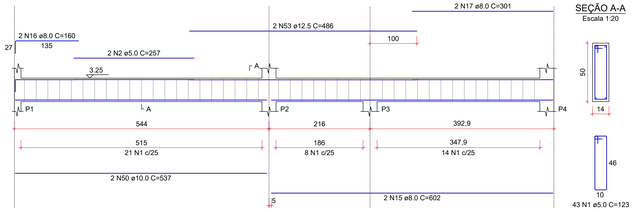
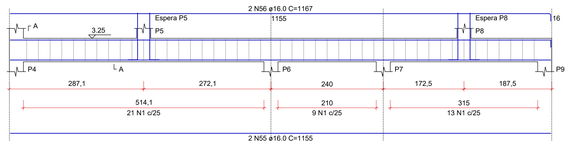
PROJETO ESTRUTURAL - CONSTRUÇÃO DO TERMINAL RODOVIÁRIO DE SANTA RITA DO SAPUCAÍ
ESCALA INDICADA

V201
Escala 1:50

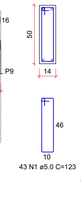


SEÇÃO A-A
Escala 1:20

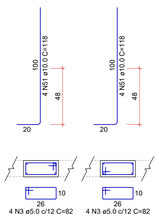
V202
Escala 1:50



SEÇÃO A-A
Escala 1:20

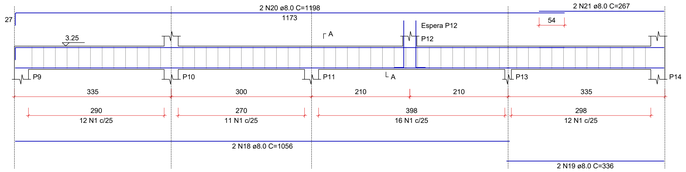


ESPERA P5
Escala 1:20

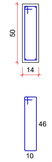


ESPERA P8
Escala 1:20

V203
Escala 1:50



SEÇÃO A-A
Escala 1:20



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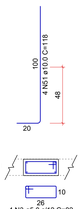
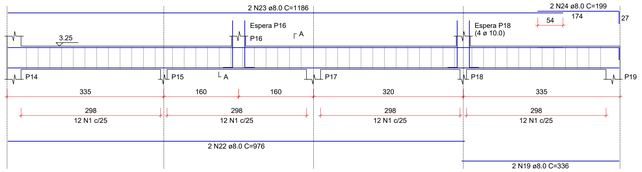
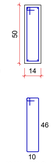


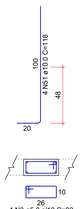
V204
Escala 1:50



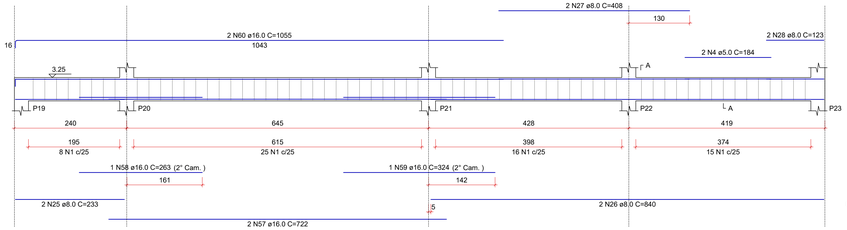
SEÇÃO A-A
Escala 1:20



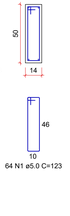
ESPERA P16
Escala 1:20



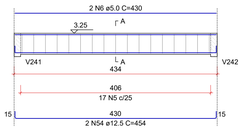
V205
Escala 1:50



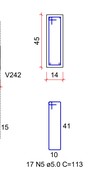
SEÇÃO A-A
Escala 1:20



V206
Escala 1:50



SEÇÃO A-A
Escala 1:20



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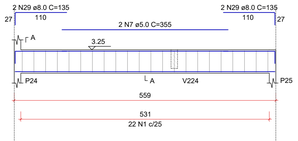
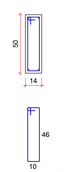
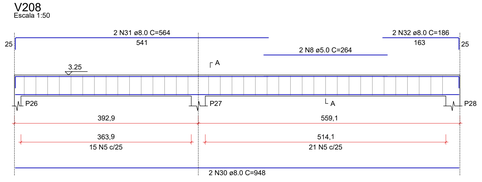
Escala 1:50



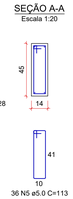
SEÇÃO A-A
Escala 1:20



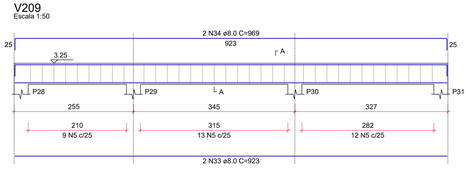
V208
Escala 1:50



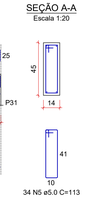
SEÇÃO A-A
Escala 1:20



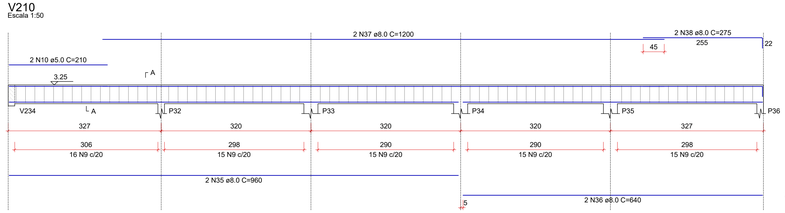
V209
Escala 1:50



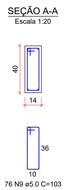
SEÇÃO A-A
Escala 1:20



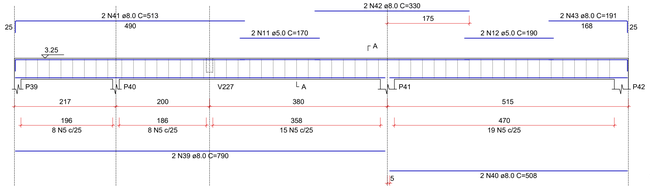
V210
Escala 1:50



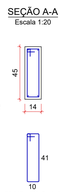
SEÇÃO A-A
Escala 1:20



V211
Escala 1:50



SEÇÃO A-A
Escala 1:20



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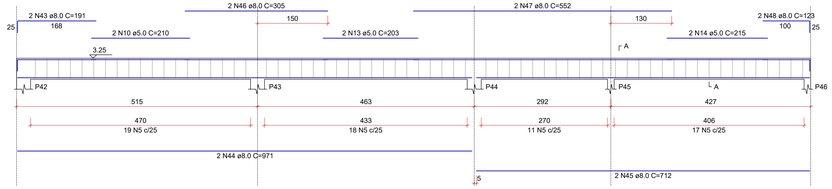
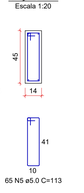


SEÇÃO A-A
Escala 1:20



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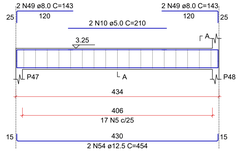
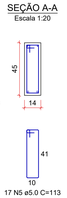


SEÇÃO A-A
Escala 1:20



RELAÇÃO DO AÇO

V201 V202 V203
V204 V205 V206
V207 V208 V209
V210 V211 V212
V213

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	271	123	33333
	2	5.0	2	257	514
	3	5.0	16	82	1312
	4	5.0	2	184	368
	5	5.0	219	113	24747
	6	5.0	2	430	860
	7	5.0	2	355	710
	8	5.0	2	264	528
	9	5.0	76	103	7828
	10	5.0	6	210	1260
	11	5.0	2	170	340
	12	5.0	2	190	380
	13	5.0	2	203	406
	14	5.0	2	215	430
CA50	15	8.0	2	602	1204
	16	8.0	2	160	320
	17	8.0	2	301	602
	18	8.0	2	1056	2112
	19	8.0	4	336	1344
	20	8.0	2	1186	2396
	21	8.0	2	267	534
	22	8.0	2	976	1952
	23	8.0	2	1186	2372
	24	8.0	2	199	398
	25	8.0	2	233	466
	26	8.0	2	840	1680
	27	8.0	2	408	816
	28	8.0	2	123	246
	29	8.0	4	135	540
	30	8.0	2	948	1896
	31	8.0	2	564	1128
	32	8.0	2	186	372
	33	8.0	2	923	1846
	34	8.0	2	969	1938
	35	8.0	2	960	1920
	36	8.0	2	640	1280
	37	8.0	2	1200	2400
	38	8.0	2	275	550
	39	8.0	2	790	1580
	40	8.0	2	508	1016
	41	8.0	2	513	1026
	42	8.0	2	330	660
	43	8.0	4	191	764
	44	8.0	2	971	1942
	45	8.0	2	712	1424
	46	8.0	2	305	610
	47	8.0	2	552	1104
	48	8.0	2	123	246
	49	8.0	4	143	572
	50	10.0	2	537	1074
	51	10.0	16	118	1888
	52	10.0	2	555	1110
	53	12.5	2	486	972
	54	12.5	4	454	1816
	55	16.0	2	1155	2310
	56	16.0	2	1167	2334
	57	16.0	2	722	1444
	58	16.0	1	263	263
	59	16.0	1	324	324
	60	16.0	2	1055	2110

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	8.0	412.6	38	179.1
	10.0	40.7	4	27.6
	12.5	27.9	3	29.5
	16.0	87.9	9	152.5
CA60	5.0	730.2	67	123.8

PESO TOTAL (kg)	
CA50	388.8
CA60	123.8

Volume de concreto (C-30) = 8.84 m³
Área de forma = 158.29 m²

REV.	DATA	EMISSÃO INICIAL	DAC
00	10/08/22		
REVISÃO	DATA :	DESCRIÇÃO:	RESP.:

PREFEITURA
SANTA RITA DO SAPUCAÍ- MG

PROJETO

DAC engenharia
Rua Miguel Vianna, nº 81, Sala 12
Bairro Morro Chic
CEP: 37500-080 - Itajubá / MG
Tel: (35) 3623-8846
www.dacengenharia.com.br

GERÊNCIA DE PROJETOS
ENG. CIVIL THAIS VIVIANE COIMBRA

COORDENAÇÃO DE PROJETOS
ENG. MD. DENIS DE SOUZA SILVA — CREA: MG-127.216/D

RESPONSÁVEL TÉCNICO
FLÁVIA CRISTINA BARBOSA — CREA: MG-187.842/D

PROJETO
ENG. CIVIL WILLIAM BARADEL LARI

DESENHO
DAVI VELOSO ALVES

EMPREENDIMENTO
CONSTRUÇÃO DO TERMINAL RODOVIÁRIO DE SANTA RITA DO SAPUCAÍ

ENDEREÇO
RUA PROJETADA, S/N - BAIRRO FAMÍLIA ANDRADE
SANTA RITA DO SAPUCAÍ - MINAS GERAIS

DISCIPLINA
ESTRUTURAL

FASE DO PROJETO
EXECUTIVO

ASSUNTO
PROJETO ESTRUTURAL EM CONCRETO ARMADO
DETALHAMENTO DAS VIGAS

FOLHA Nº:
11/16

DATA INICIAL	ESCALA	REVISÃO	ARQUIVO
10/08/2022	INDICADA	R00	DAC-PMSRS-TRO-PE-EST-R00.DWG