

Forma do pavimento COBERTURA (Nível 350)

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V200	15x30	0	350
V201	15x20	0	350
V202	15x20	0	350
V203	15x20	0	350
V204	15x20	0	350
V205	15x20	0	350
V206	15x25	0	350
V207	15x30	0	350
V208	15x20	0	350
V209	15x20	0	350
V210	15x20	0	350
V211	15x20	0	350
V212	15x20	0	350
V213	15x20	0	350
V214	15x20	0/-100	350/250
V215	15x20	0/-100	350/250
V216	15x20	0/-100	350/250

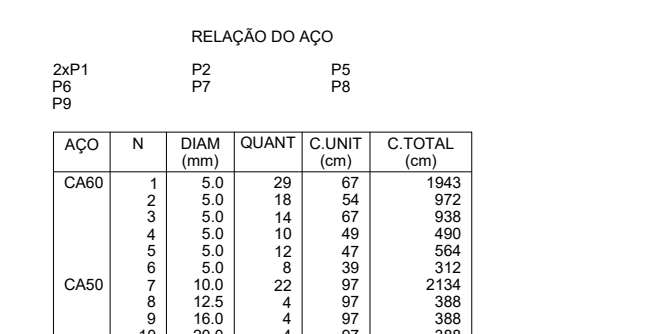
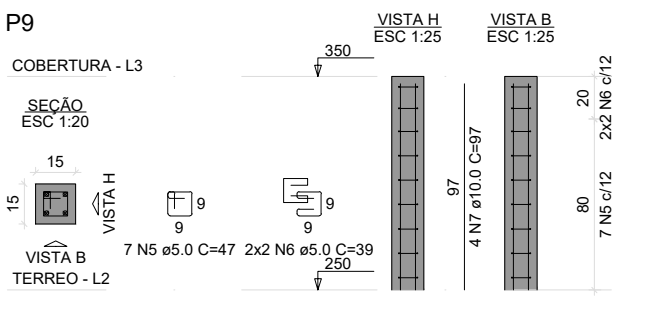
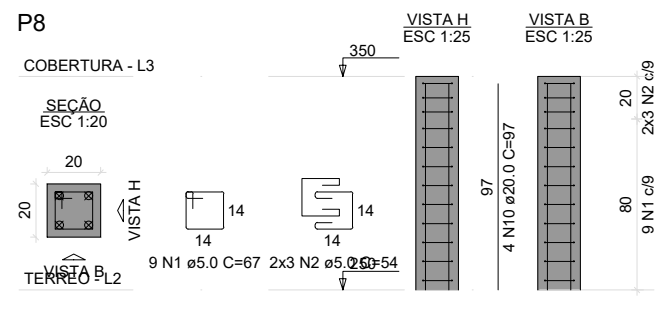
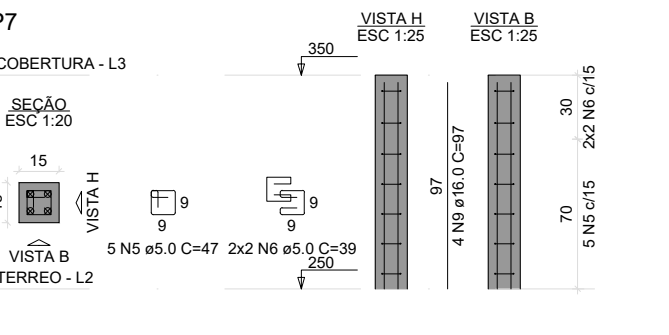
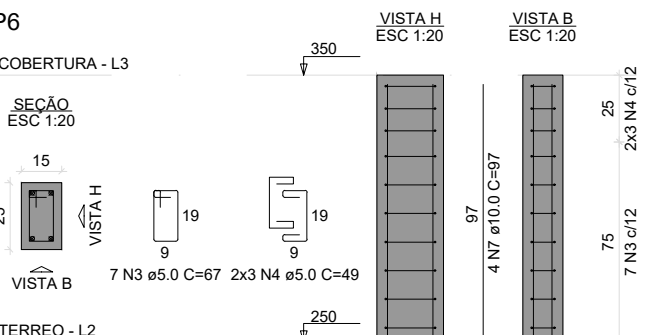
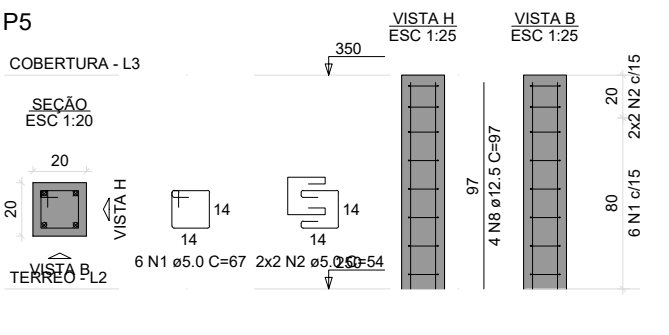
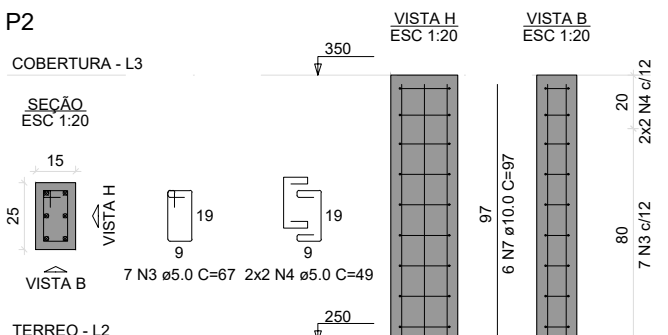
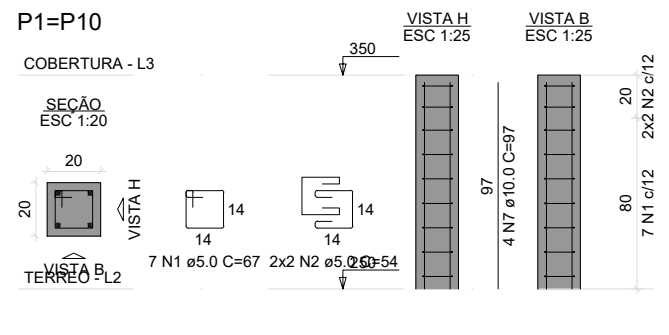
Lajes						
Nome	Tipo	Altura (cm)	Dados	Nível (cm)	Sobrecarga (kg/m²)	Localizada
R1	Maciça	15	0	350	463	0
R2	Maciça	15	0	350	561	0

Características dos materiais		
f _{ck} (kgf/cm²)	E _{ca} (kgf/cm²)	
250	241000	

Dimensão máxima do agregado = 19 mm

Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	20x20	0	350
P2	15x25	0	350
P5	20x20	0	350
P6	15x25	0	350
P7	15x15	0	350
P8	20x20	0	350
P9	15x15	0	350
P10	20x20	0	350

Legenda dos pilares		Legenda das vigas e paredes	
	Pilar que morre		Viga
	Viga inclinada		Parede



RELAÇÃO DO AÇO					
CAO	N	DIAM (mm)	QUANT	C.TOTAL (m)	PESO + 10% (kg)
CAO	1	5,0	29	67	1843
CAO	2	5,0	18	54	872
CAO	3	5,0	14	47	638
CAO	4	5,0	10	49	490
CAO	5	5,0	12	47	564
CAO	6	5,0	9	49	512
CAO	7	10,0	22	97	2134
CAO	8	12,5	3	38	388
CAO	9	16,0	4	97	388
CAO	10	20,0	4	97	388

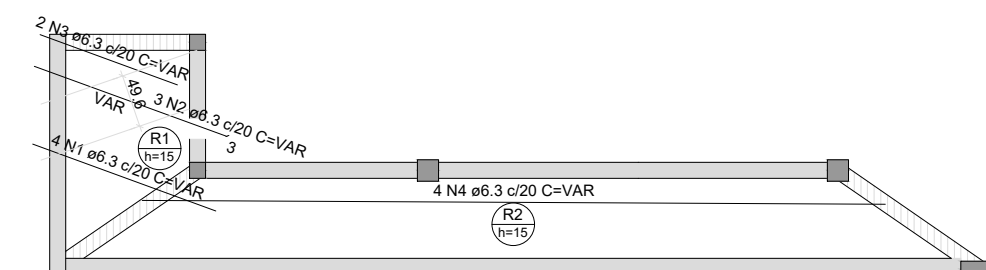
RESUMO DO AÇO					
CAO	N	DIAM (mm)	QUANT	C.TOTAL (m)	PESO + 10% (kg)
CAO	1	5,0	29	67	1843
CAO	2	5,0	18	54	872
CAO	3	5,0	14	47	638
CAO	4	5,0	10	49	490
CAO	5	5,0	12	47	564
CAO	6	5,0	9	49	512
CAO	7	10,0	22	97	2134
CAO	8	12,5	3	38	388
CAO	9	16,0	4	97	388
CAO	10	20,0	4	97	388

Volume de concreto (C-25) = 0,28 m³
Área de forma = 6,00 m²

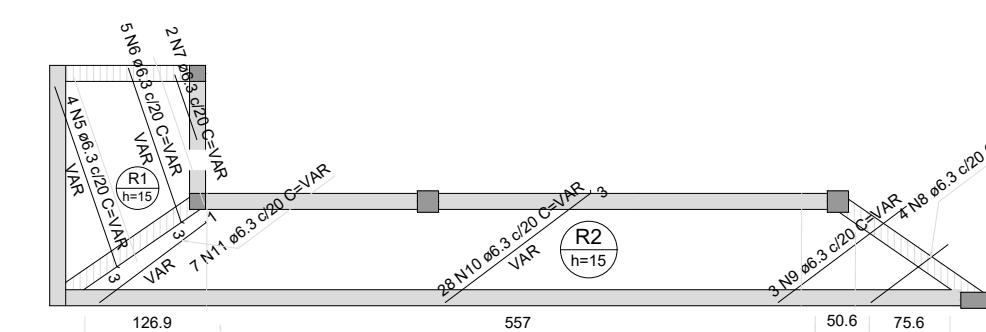
RELAÇÃO DO AÇO					
CAO	N	DIAM (mm)	QUANT	C.TOTAL (m)	PESO + 10% (kg)
CAO	1	5,0	23	77	1771
CAO	2	5,0	338	57	16266
CAO	3	5,0	72	57	4824
CAO	4	5,0	3	519	1036
CAO	5	6,3	3	77	231
CAO	6	8,0	3	175	175
CAO	7	8,0	3	184	552
CAO	8	8,0	3	258	258
CAO	9	8,0	3	364	792
CAO	10	8,0	4	388	1592
CAO	11	8,0	2	433	866
CAO	12	8,0	2	433	866
CAO	13	8,0	2	433	866
CAO	14	8,0	2	433	866
CAO	15	8,0	2	433	866
CAO	16	8,0	2	433	866
CAO	17	8,0	2	433	866
CAO	18	8,0	2	433	866
CAO	19	8,0	2	433	866
CAO	20	8,0	2	433	866
CAO	21	8,0	2	433	866
CAO	22	8,0	2	433	866
CAO	23	8,0	2	433	866
CAO	24	8,0	2	433	866
CAO	25	8,0	2	433	866
CAO	26	8,0	2	433	866
CAO	27	8,0	2	433	866
CAO	28	8,0	2	433	866
CAO	29	8,0	2	433	866
CAO	30	8,0	2	433	866
CAO	31	8,0	2	433	866
CAO	32	8,0	2	433	866
CAO	33	8,0	2	433	866
CAO	34	8,0	2	433	866
CAO	35	8,0	2	433	866
CAO	36	8,0	2	433	866
CAO	37	8,0	2	433	866
CAO	38	8,0	2	433	866
CAO	39	8,0	2	433	866
CAO	40	10,0	3	244	732
CAO	41	10,0	3	244	732
CAO	42	10,0	3	244	732
CAO	43	10,0	3	244	732
CAO	44	10,0	3	244	732
CAO	45	10,0	3	244	732

RESUMO DO AÇO			
CAO	N	DIAM (mm)	C.TOTAL (m)
CAO	1	5,0	23
CAO	2	5,0	338
CAO	3	5,0	72
CAO	4	5,0	3
CAO	5	6,3	3
CAO	6	8,0	3
CAO	7	8,0	3
CAO	8	8,0	3
CAO	9	8,0	3
CAO	10	8,0	4
CAO	11	8,0	2
CAO	12	8,0	2
CAO	13	8,0	2
CAO	14	8,0	2
CAO	15	8,0	2
CAO	16	8,0	2
CAO	17	8,0	2
CAO	18	8,0	2
CAO	19	8,0	2
CAO	20	8,0	2
CAO	21	8,0	2
CAO	22	8,0	2
CAO	23	8,0	2
CAO	24	8,0	2
CAO	25	8,0	2
CAO	26	8,0	2
CAO	27	8,0	2
CAO	28	8,0	2
CAO	29	8,0	2
CAO	30	8,0	2
CAO	31	8,0	2
CAO	32	8,0	2
CAO	33	8,0	2
CAO	34	8,0	2
CAO	35	8,0	2
CAO	36	8,0	2
CAO	37	8,0	2
CAO	38	8,0	2
CAO	39	8,0	2
CAO	40	10,0	3
CAO	41	10,0	3
CAO	42	10,0	3
CAO	43	10,0	3
CAO	44	10,0	3
CAO	45	10,0	3

Volume de concreto (C-25) = 1,23 m³
Área de forma = 24,63 m²



Armação positiva das lajes do pavimento COBERTURA (Eixo X)



Armação positiva das lajes do pavimento COBERTURA (Eixo Y)

RELAÇÃO DO AÇO					
CAO	N	DIAM (mm)	QUANT	C.TOTAL (m)	PESO + 10% (kg)
CAO	1	6,3	4	VAR	VAR
CAO	2	6,3	3	VAR	VAR
CAO	3	6,3	2	VAR	VAR
CAO	4	6,3	4	VAR	VAR
CAO	5	6,3	4	VAR	VAR
CAO	6	6,3	5	VAR	VAR
CAO	7	6,3	2	VAR	VAR
CAO	8	6,3	4	VAR	VAR
CAO	9	6,3	3	VAR	VAR
CAO	10	6,3	28	VAR	VAR
CAO	11	6,3	7	VAR	VAR

RESUMO DO AÇO			
CAO	N	DIAM (mm)	C.TOTAL (m)
CAO	1	6,3	25,2
CAO	2	6,3	33,7
CAO	3	6,3	33,7
CAO	4	6,3	33,7
CAO	5	6,3	33,7
CAO	6	6,3	33,7
CAO	7	6,3	33,7
CAO	8	6,3	33,7
CAO	9	6,3	33,7
CAO	10	6,3	33,7
CAO	11	6,3	33,7

Volume de concreto (C-25) = 1,49 m³
Área de forma = 9,91 m²

Corte A-A

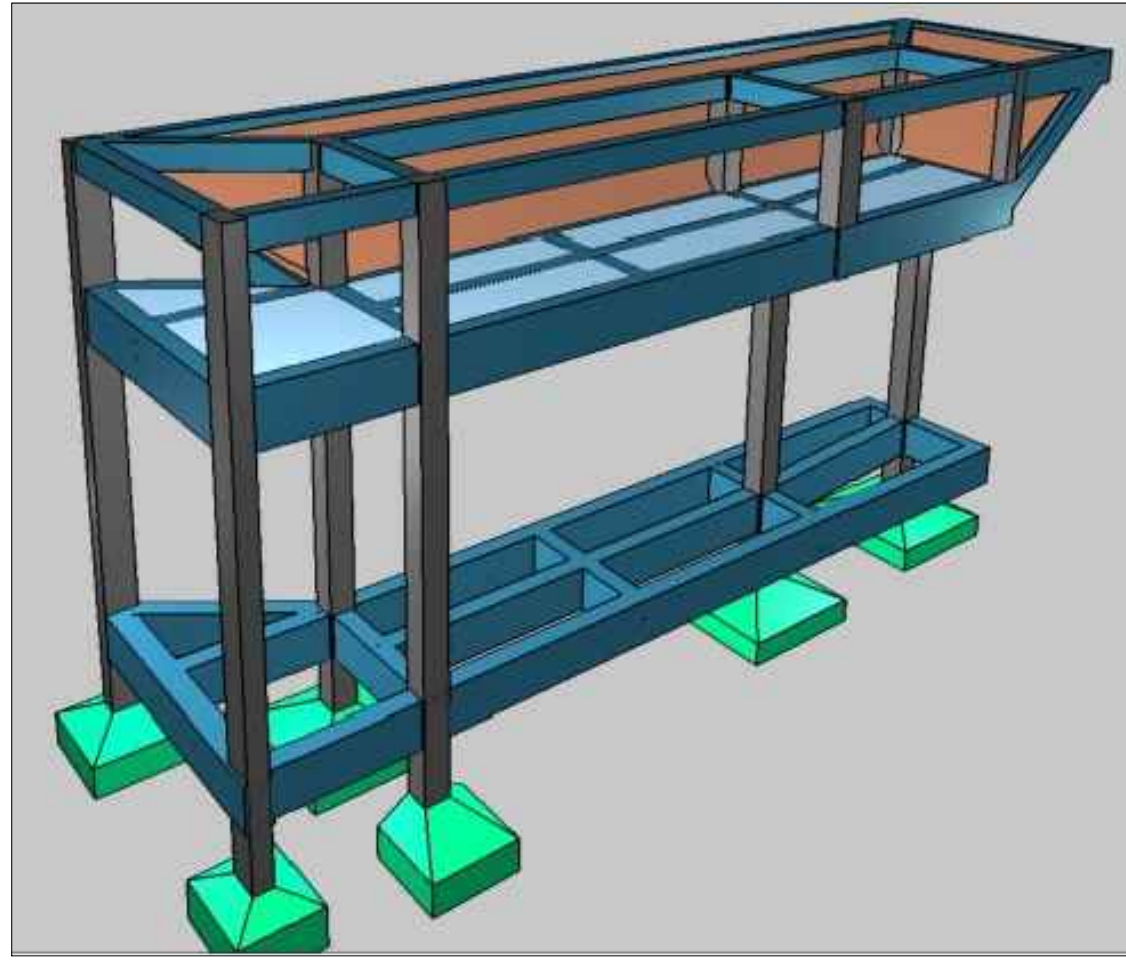
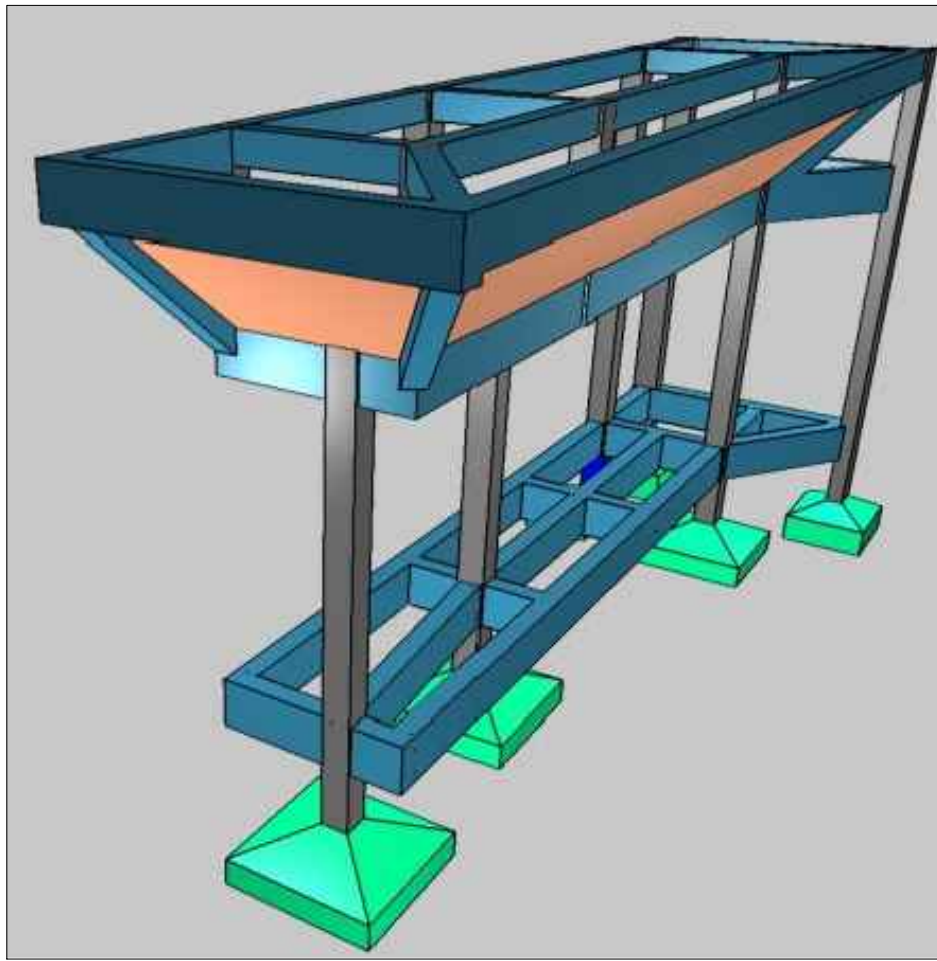
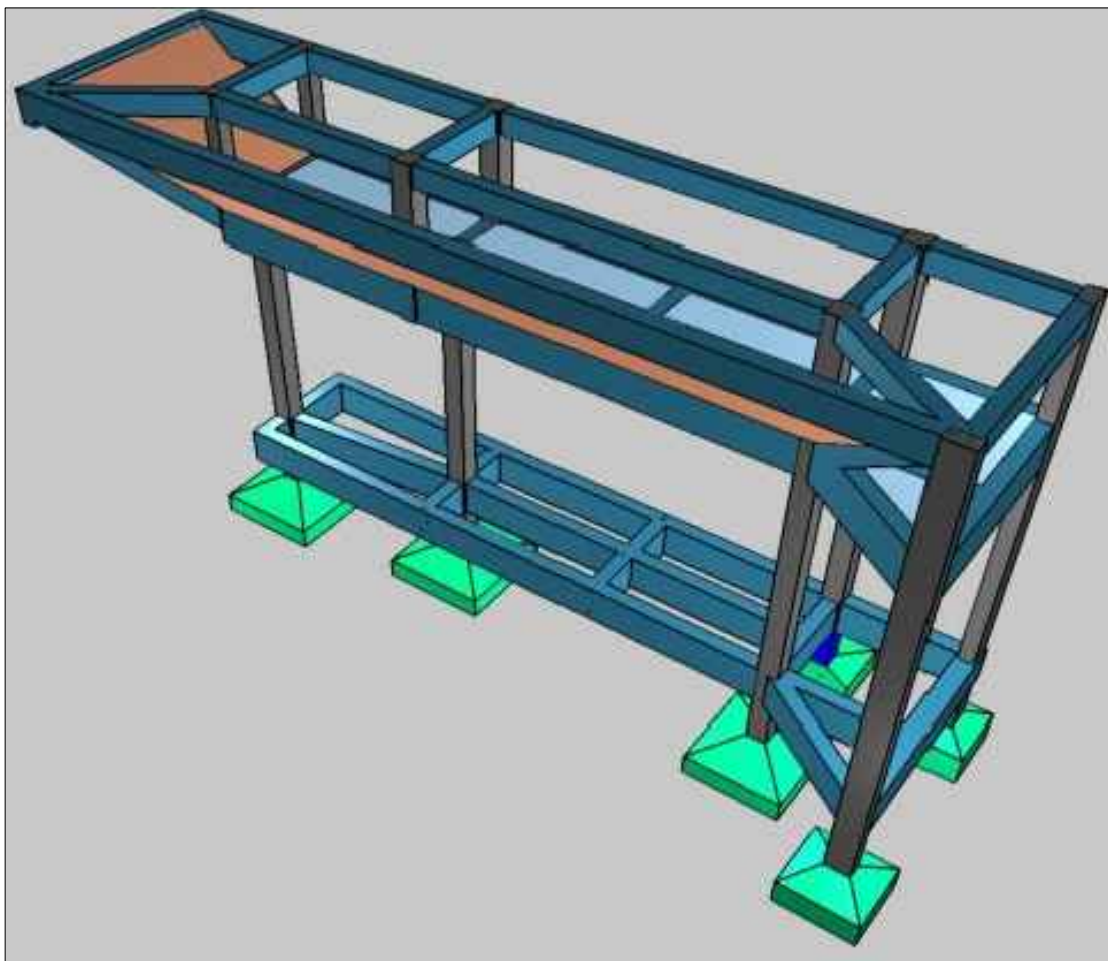
escala 1:50

Corte B-B

escala 1:50

Corte C-C

escala 1:50



CENTRO DE ESPORTES

PREFEITURA MUNICIPAL DE BURITIZERO

CEP: 39280-000 - Estado de Minas Gerais

CNPJ: 18.279.067/0001-72

REVISÃO 01 06/05/2020

REVISÃO 02 06/05/2020

REVISÃO 03 06/05/2020

CONDIÇÃO DE REPARO: 000/0000

ÁREA TOTAL: -

RESPONSÁVEL TÉCNICO: CREA-MG

ADILSON MARTINS PEREIRA JÚNIOR

315589

CNPJ

PREFEITURA MUNICIPAL DE BURITIZERO

18.279.067/0001-72

PROJETO

PROJETO ESTRUTURAL

INT

USO

INSTITUCIONAL

ENDEREÇO

RUA RODOLFO MALLARD, CENTRO - BURITIZERO - MG

DATA

20.09.2022

DETALHE

FOLHA

03

03