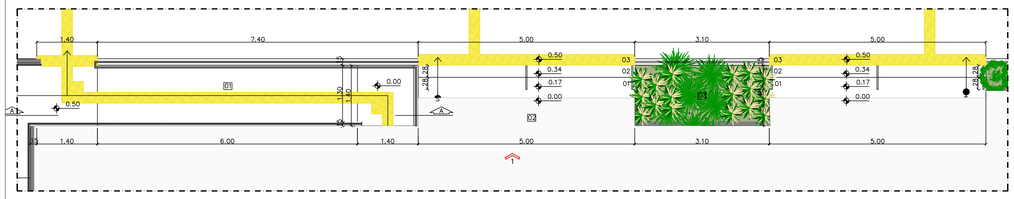
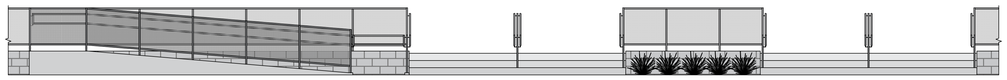
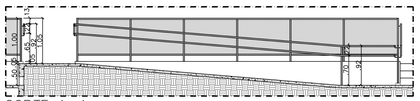


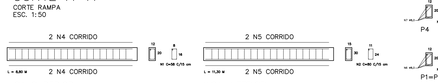
PLANTA BAIXA
RAMPA 01
ESC. 1:50



VISTA 01
RAMPA 01
ESC. 1:50

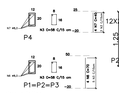


CORTE A-A
CORTE RAMPA
ESC. 1:50

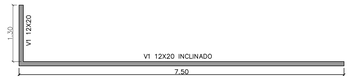


VIGA SUPERIOR
ESC. 1:50

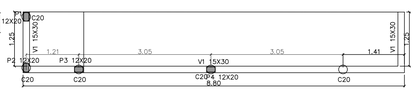
VIGA INFERIOR
ESC. 1:50



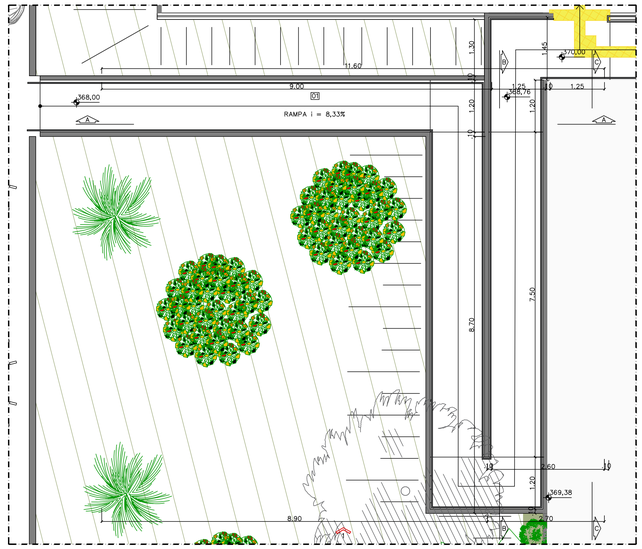
PILARES
ESC. 1:50



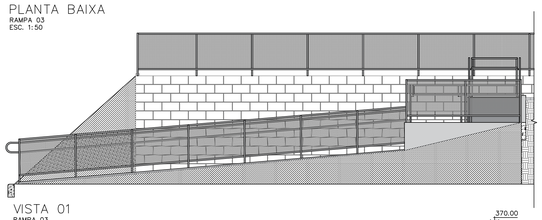
VIGA SUPERIOR
RAMPA 01
ESC. 1:50



VIGA INFERIOR
RAMPA 01
ESC. 1:50

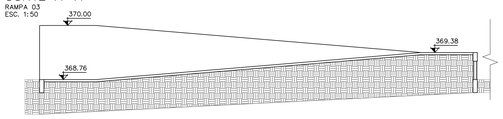


PLANTA BAIXA
RAMPA 03
ESC. 1:50

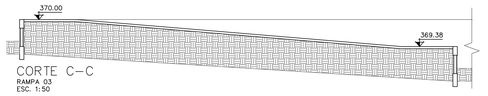


VISTA 01
RAMPA 03
ESC. 1:50

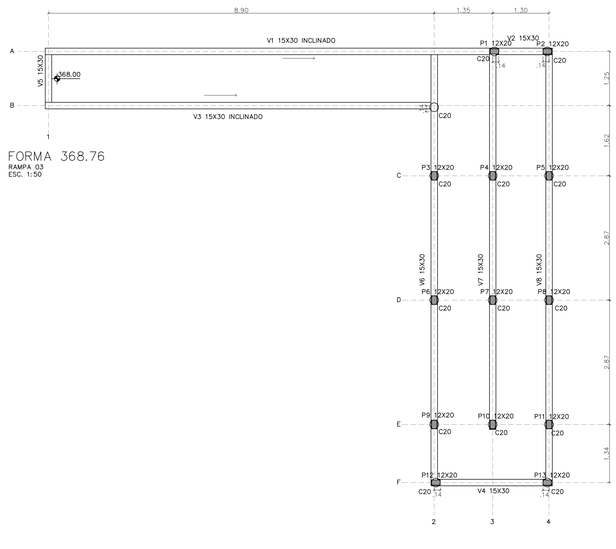
CORTE A-A
RAMPA 03
ESC. 1:50



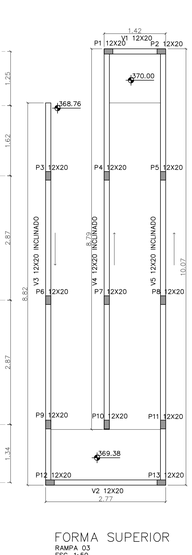
CORTE B-B
RAMPA 03
ESC. 1:50



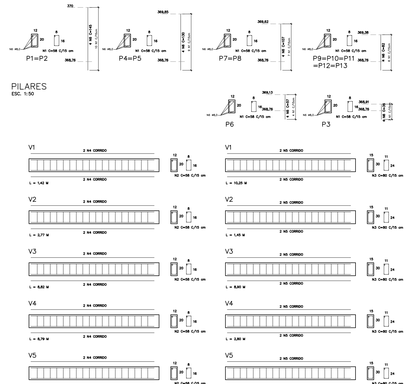
CORTE C-C
RAMPA 03
ESC. 1:50



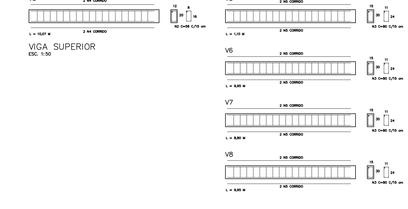
FORMA 368.76
RAMPA 03
ESC. 1:50



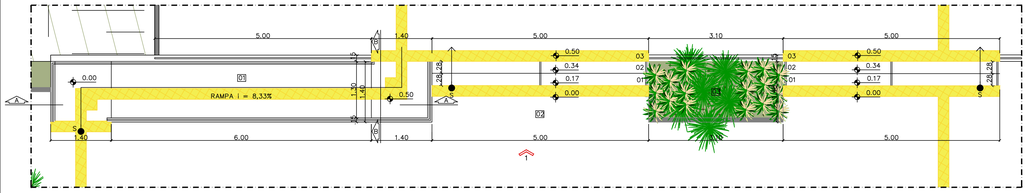
FORMA SUPERIOR
RAMPA 03
ESC. 1:50



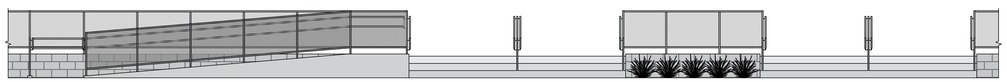
PILARES
ESC. 1:50



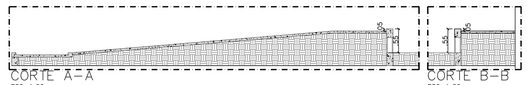
VIGA SUPERIOR
ESC. 1:50



PLANTA BAIXA
RAMPA 02
ESC. 1:50



VISTA 01
RAMPA 02
ESC. 1:50

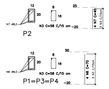


CORTE A-A
ESC. 1:50

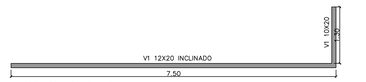
CORTE B-B
ESC. 1:50

VIGA SUPERIOR
ESC. 1:50

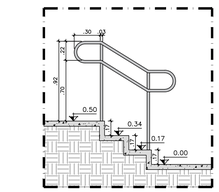
VIGA INFERIOR
ESC. 1:50



PILARES
ESC. 1:50



VIGA INFERIOR
RAMPA 02
ESC. 1:50



BROCA C20
ESC 1:50

DETALHE A
CORTE ESCADA
ESC. 1:25

TABELA DE AÇO BROCA					
AÇO	POS	BIT	QUANT	COMPRIMENTO	
		(mm)		UNIT (cm)	TOTAL (cm)
CA60	1	5,0	15	60	900
CA50	3	10,0	4	200	800

AÇO	BIT	COMPR	PESO	PESO+10%
	(mm)	(m)	(kg)	(kg)
CA60	5,0	9,00	1,39	1,53
CA50	10,0	8,00	4,93	5,43
PESO TOTAL (KG)				
CA50				5,43
CA60				1,53

Vol. C20 0,06 m³

TOTAL X 14	
CA50	75,95
CA60	21,36

Vol. C20 0,88 m³

TABELA DE AÇO RAMPA 1					
AÇO	POS	BIT	QUANT	COMPRIMENTO	
		(mm)		UNIT (cm)	TOTAL (cm)
CA60	1	5,0	59	58	3403
CA60	2	5,0	75	80	6027
CA60	3	5,0	18	58	1044
CA50	4	6,3	4	880	3520
CA50	5	6,3	4	1130	4520
CA50	6	8,0	4	70	280
CA50	7	8,0	4	40	160

AÇO	BIT	COMPR	PESO	PESO+10%
	(mm)	(m)	(kg)	(kg)
CA60	5,0	104,73	16,14	17,76
CA50	6,3	80,40	19,67	21,64
CA50	8,0	4,40	1,74	1,91
PESO TOTAL (KG)				
CA50			23,55	
CA60			17,76	

Vol. C20 = 0,72m³

TABELA DE AÇO RAMPA 2					
AÇO	POS	BIT	QUANT	COMPRIMENTO	
		(mm)		UNIT (cm)	TOTAL (cm)
CA60	1	5,0	59	58	3403
CA60	2	5,0	75	80	6027
CA60	3	5,0	18	58	1044
CA50	4	6,3	4	880	3520
CA50	5	6,3	4	1130	4520
CA50	6	8,0	4	70	280
CA50	7	8,0	4	40	160

AÇO	BIT	COMPR	PESO	PESO+10%
	(mm)	(m)	(kg)	(kg)
CA60	5,0	104,73	16,14	17,76
CA50	6,3	80,40	19,67	21,64
CA50	8,0	4,40	1,74	1,91
PESO TOTAL (KG)				
CA50			23,55	
CA60			17,76	

Vol. C20 = 0,72m³

TABELA DE AÇO RAMPA 3					
AÇO	POS	BIT	QUANT	COMPRIMENTO	
		(mm)		UNIT (cm)	TOTAL (cm)
CA60	1	5,0	84	58	4895
CA60	2	5,0	212	58	12323
CA60	3	5,0	355	80	28373
CA50	4	6,3	4	12748	50992
CA50	5	6,3	4	21280	85120
CA50	6	8,0	4	1266	5064

AÇO	BIT	COMPR	PESO	PESO+10%
	(mm)	(m)	(kg)	(kg)
CA60	5,0	455,92	70,27	77,29
CA50	6,3	1361,12	333,05	366,36
CA50	8,0	50,64	19,98	21,98
PESO TOTAL (KG)				
CA50			388,33	
CA60			77,29	

Vol. C20 = 3,40m³

FRANCISCO EDSON DO NASCIMENTO:07862528808

Assinado digitalmente por FRANCISCO EDSON DO NASCIMENTO:07862528808
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PRAÇA DOS PAIAGUÁS, 86
RODRIGO BATISTA GONÇALVES
PREFEITO MUNICIPAL

Ilha Solteira Estância Turística - SP Um novo tempo!

OBRA:
"URBANIZAÇÃO DE ÁREA PÚBLICA"
Convênio DADETUR n. 209/2022

LOCAL: AVENIDA ATLÂNTICA, GLEBA C-A - 2ª ÁREA ILHA SOLTEIRA - SP

ESCALA: INDICADAS | DESENHO: HEITOR | DATA: MAIO/2025 | PROJETO: DET.

ASSUNTO:
READEQUAÇÃO DE PROJETOS DE CONVÊNIO

PROJETO PRIMITIVO:
LEONARDO LAZARO SILVA
ENG. CIVIL - CREA Nº 5069378718
ART 28027320221395555

PROJETO READEQUADO:
FRANCISCO EDSON DO NASCIMENTO
ENG. CIVIL - CREA Nº 0601675930
ART 28202503762 43

DESENVOLVIMENTO DO PROJETO:
SECRETARIA MUNICIPAL DE OBRAS E MANUTENÇÃO
DIVISÃO DE ENGENHARIA, PROJETOS E OBRAS

FOLHA Nº: 07/25

TIPO DO PROJETO:
DETALHAMENTO - RAMPA
DET-ILHASOLT_FOOD-DET-RAMPA-R03