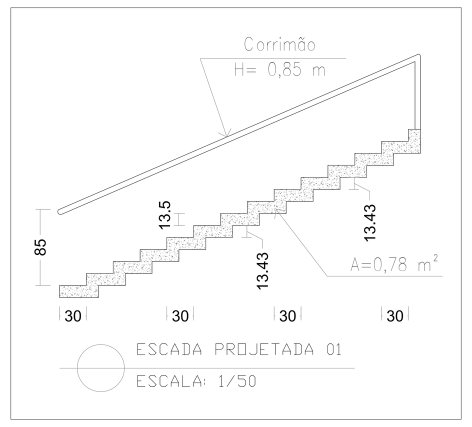
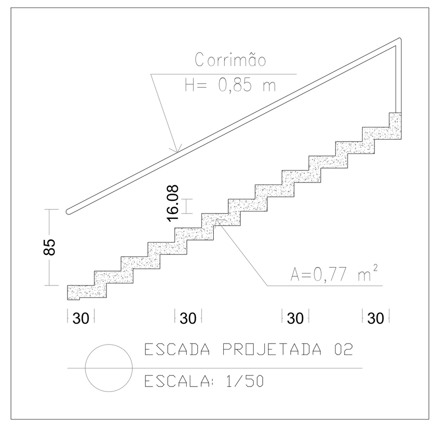
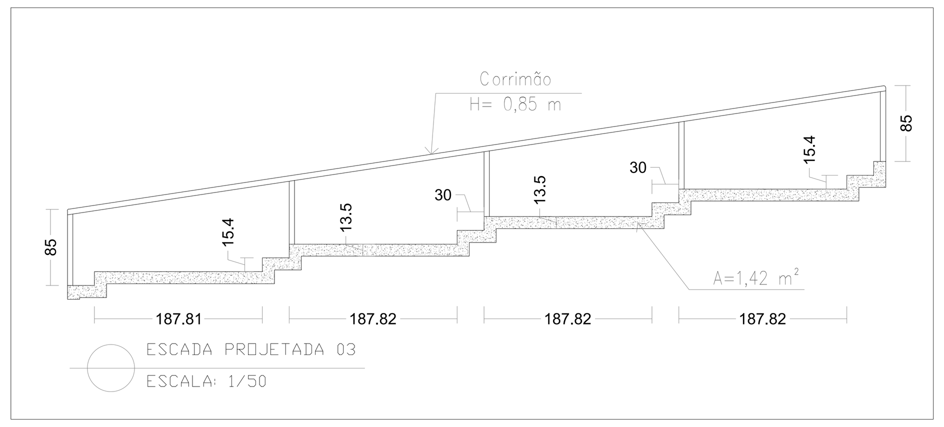
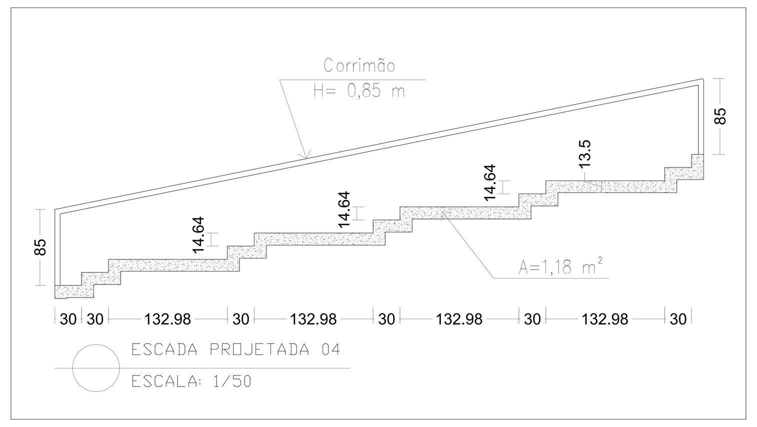
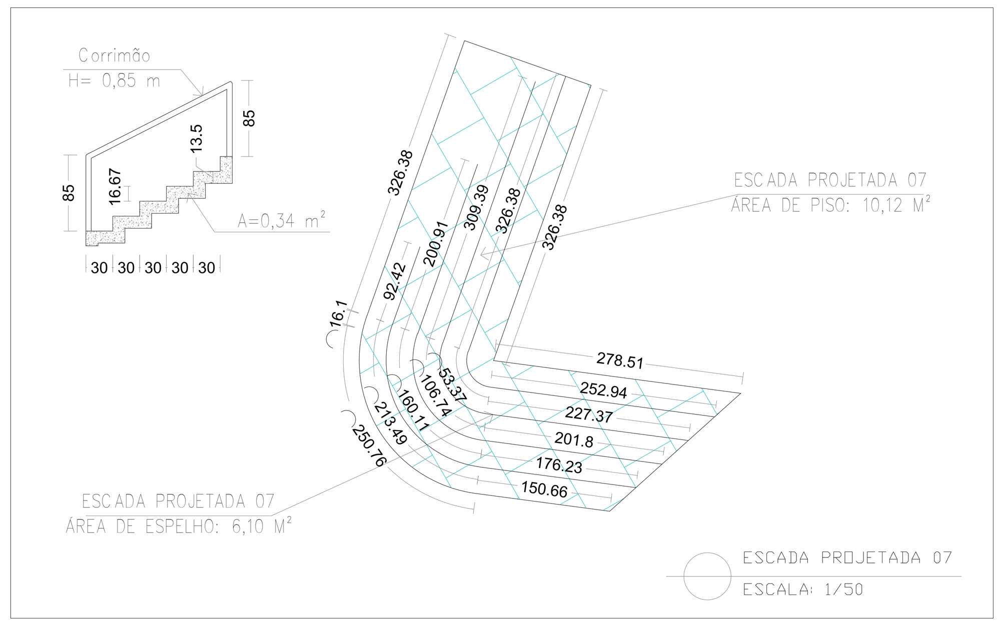
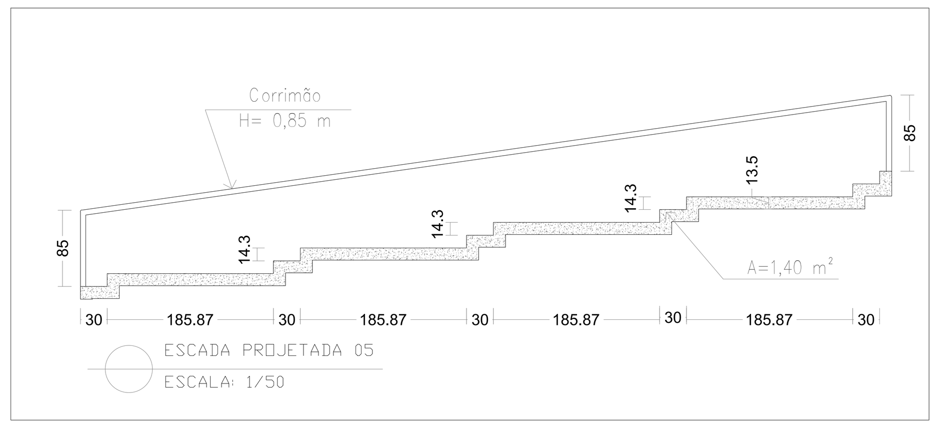


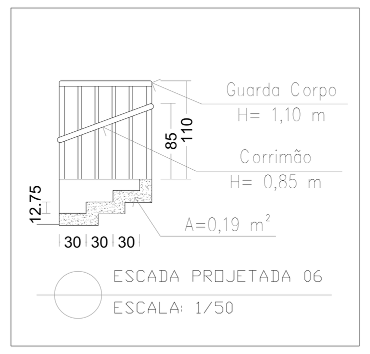


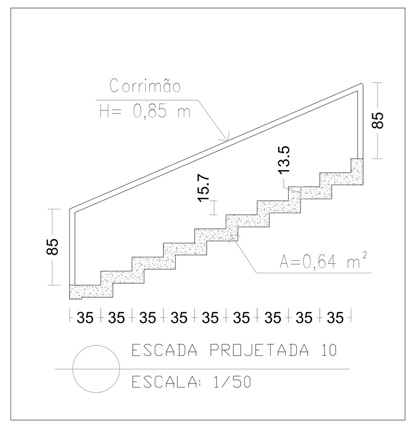


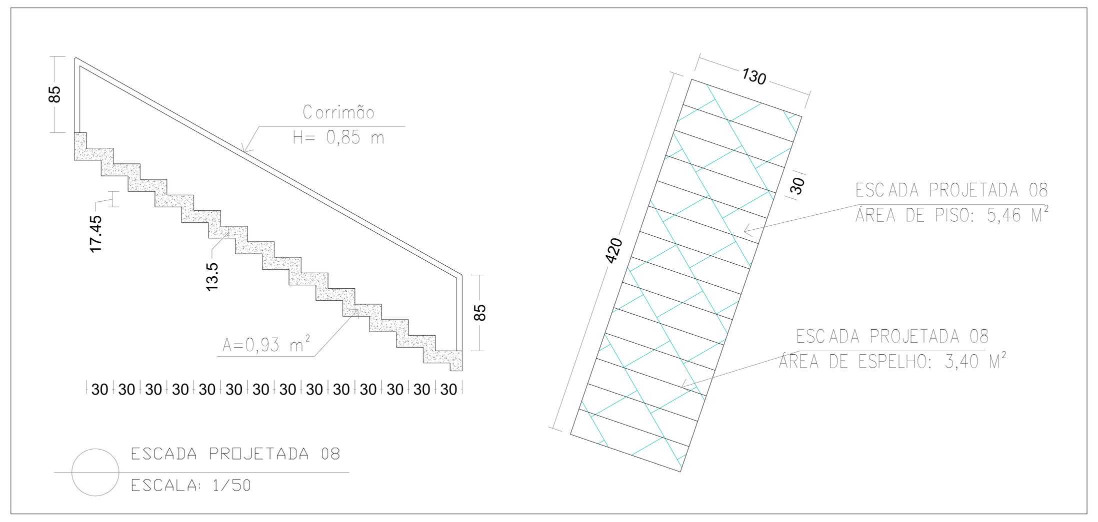


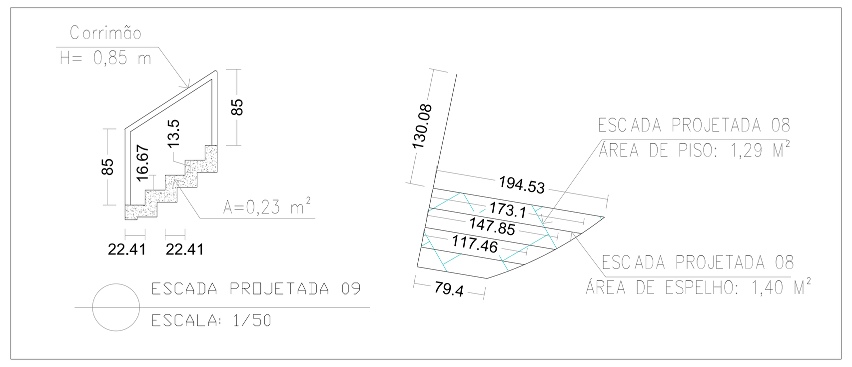


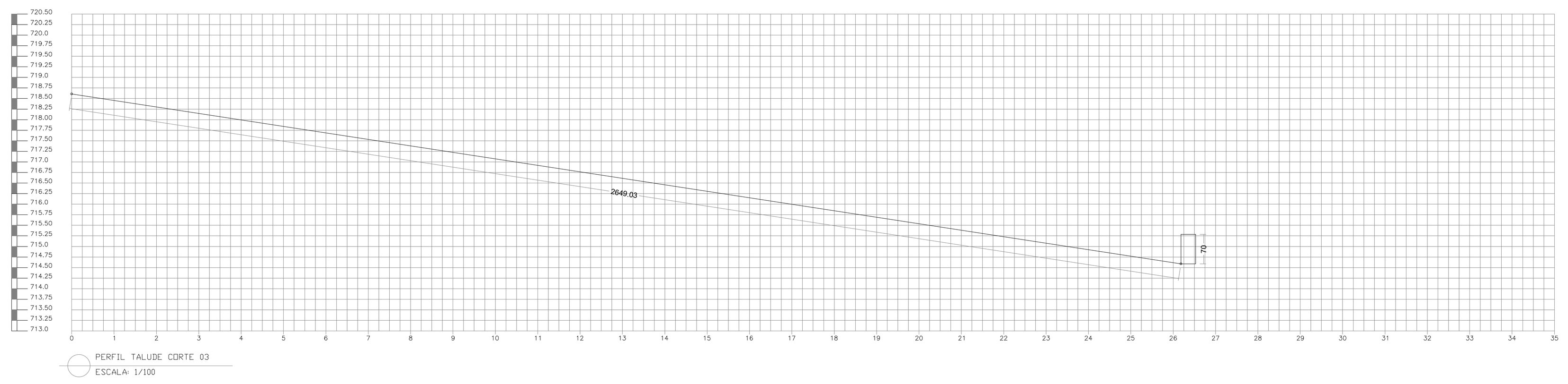


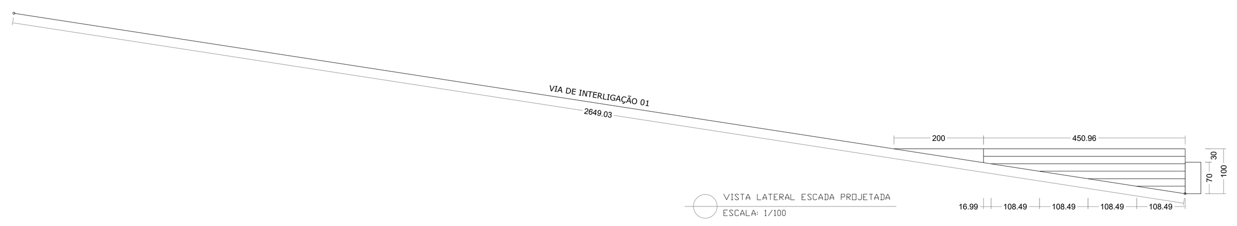


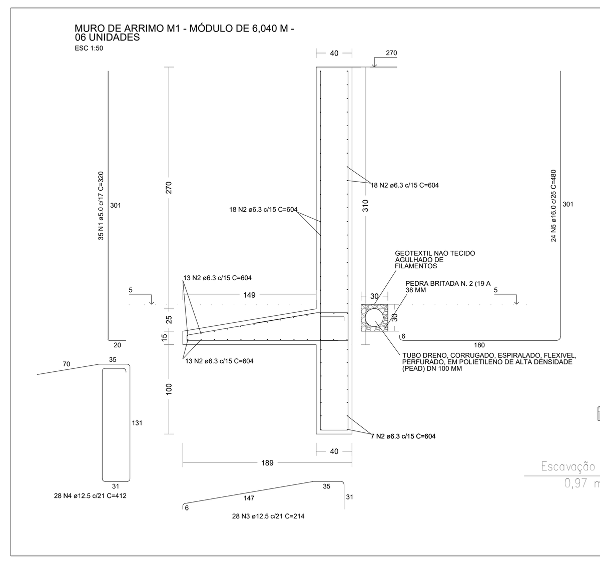












M1

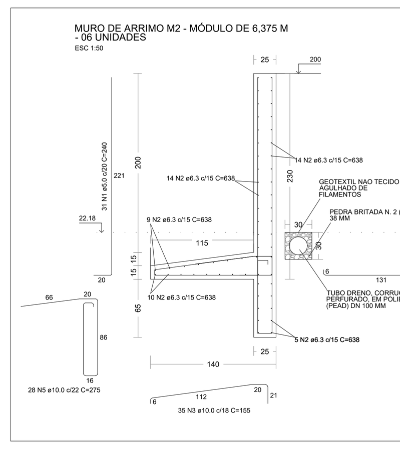
RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	35	320	11200
CA50	2	6.3	76	604	45904
	3	12.5	28	214	5992
	4	12.5	28	412	11536
	5	16.0	24	480	11520

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	459	123.6
	12.5	175.3	185.7
	16.0	115.2	200
CA60	5.0	112	19
PESO TOTAL (kg)			
CA50	509.3		
CA60	19		

Volume de concreto (C-30) = 12.38 m³
Área de forma = 70.97 m²



M2

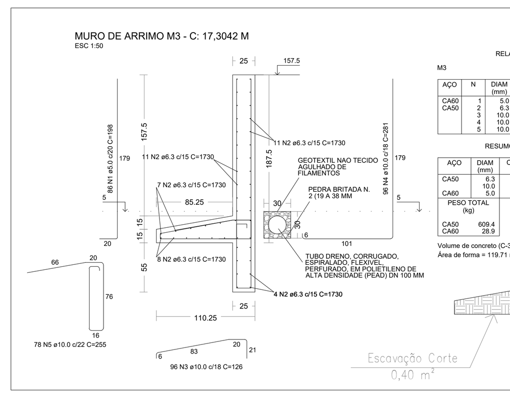
RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	31	240	7440
CA50	2	6.3	57	638	36366
	3	10.0	35	155	5425
	4	10.0	35	353	12355
	5	10.0	28	275	7700

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	363.7	97.9
	10.0	254.8	172.8
CA60	5.0	74.4	12.6
PESO TOTAL (kg)			
CA50	270.7		
CA60	12.6		

Volume de concreto (C-30) = 6.35 m³
Área de forma = 54.57 m²



M3

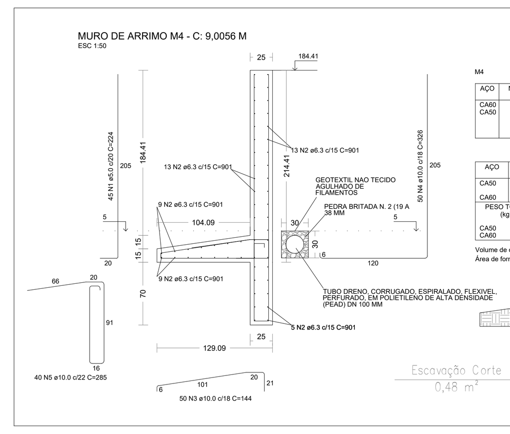
RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	86	198	17028
CA50	2	6.3	45	1730	77850
	3	10.0	96	126	12096
	4	10.0	96	281	26976
	5	10.0	78	255	19890

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	778.5	209.6
	10.0	589.6	399.9
CA60	5.0	170.3	28.9
PESO TOTAL (kg)			
CA50	609.4		
CA60	28.9		

Volume de concreto (C-30) = 13.81 m³
Área de forma = 119.71 m²



M4

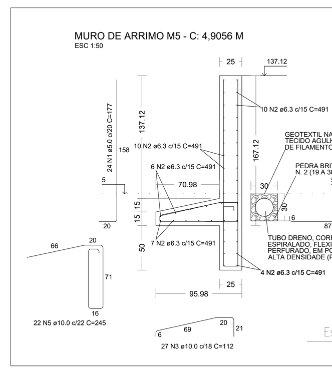
RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	45	224	10080
CA50	2	6.3	54	901	48654
	3	10.0	50	144	7200
	4	10.0	50	326	16300
	5	10.0	40	285	11400

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	486.5	131
	10.0	349	236.7
CA60	5.0	100.8	17.1
PESO TOTAL (kg)			
CA50	367.7		
CA60	17.1		

Volume de concreto (C-30) = 8.51 m³
Área de forma = 73.22 m²



M5

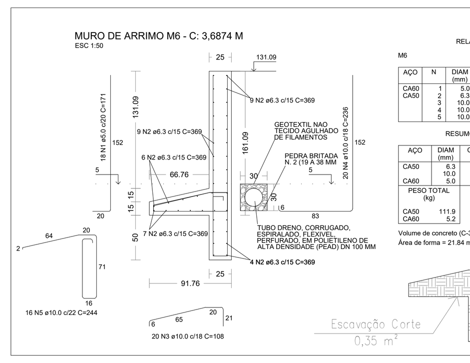
RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	24	177	4248
CA50	2	6.3	41	491	20131
	3	10.0	27	112	3024
	4	10.0	27	246	6642
	5	10.0	22	245	5390

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	201.3	54.2
	10.0	150.6	102.1
CA60	5.0	42.5	7.2
PESO TOTAL (kg)			
CA50	156.3		
CA60	7.2		

Volume de concreto (C-30) = 3.45 m³
Área de forma = 30.06 m²



M6

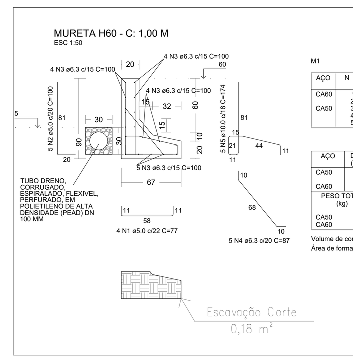
RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	18	171	3078
CA50	2	6.3	39	369	14391
	3	10.0	20	108	2160
	4	10.0	20	236	4720
	5	10.0	16	244	3904

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	143.9	38.7
	10.0	107.8	73.1
CA60	5.0	30.8	5.2
PESO TOTAL (kg)			
CA50	111.9		
CA60	5.2		

Volume de concreto (C-30) = 2.50 m³
Área de forma = 21.84 m²



M1

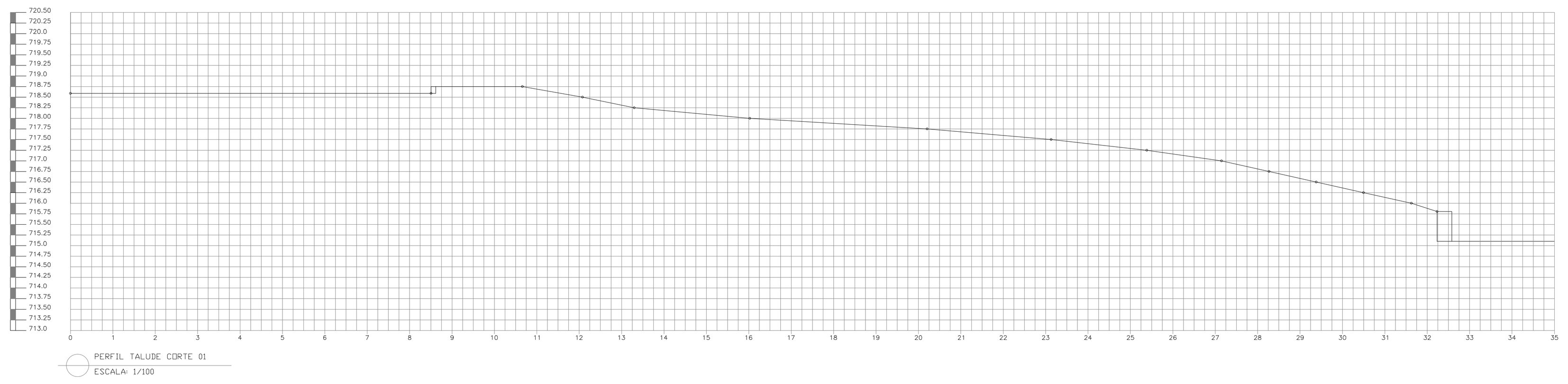
RELAÇÃO DO AÇO

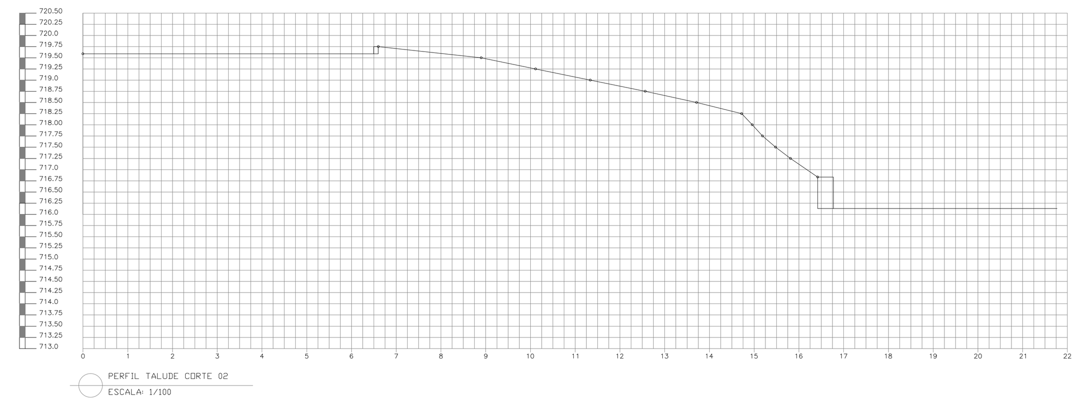
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	4	77	308
CA50	2	5.0	5	100	500
	3	6.3	17	100	1700
	4	6.3	5	87	435
	5	10.0	5	174	870

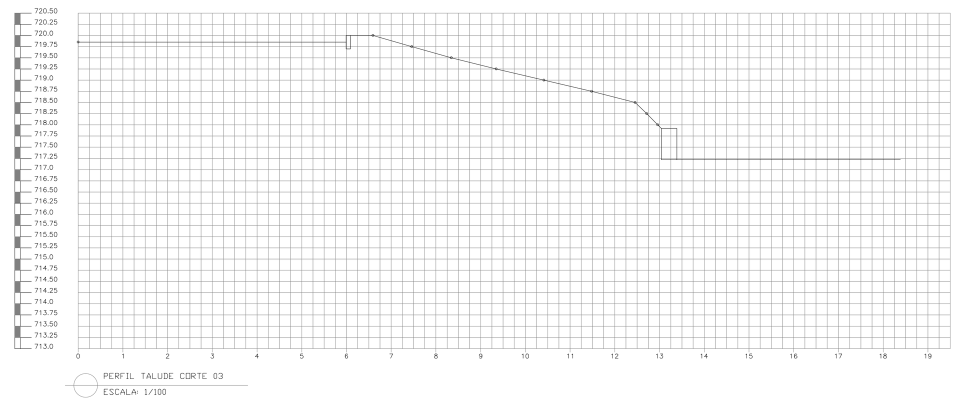
RESUMO DO AÇO

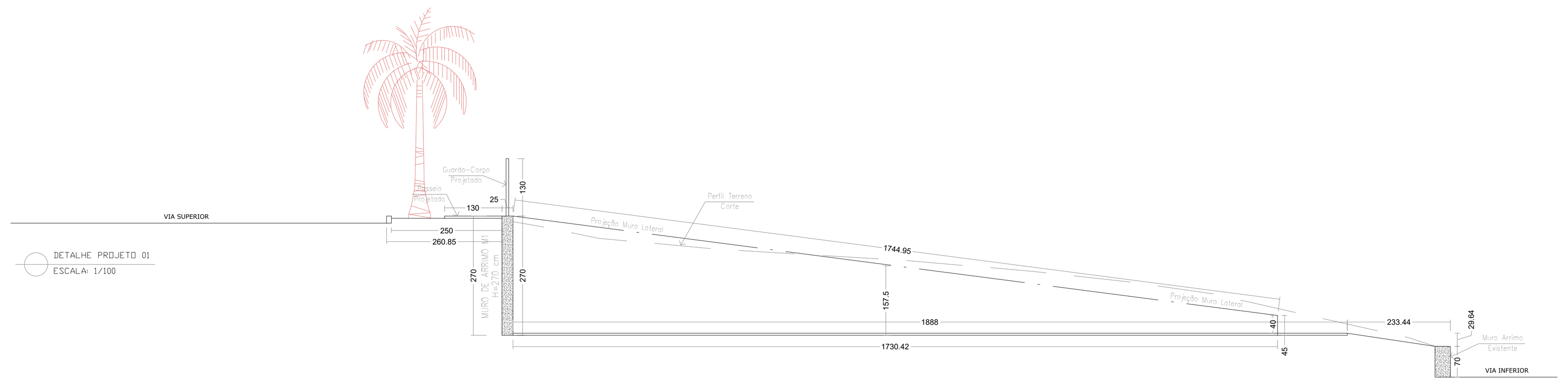
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	21.4	5.7
	10.0	8.7	5.9
CA60	5.0	8.1	1.4
PESO TOTAL (kg)			
CA50	11.6		
CA60	1.4		

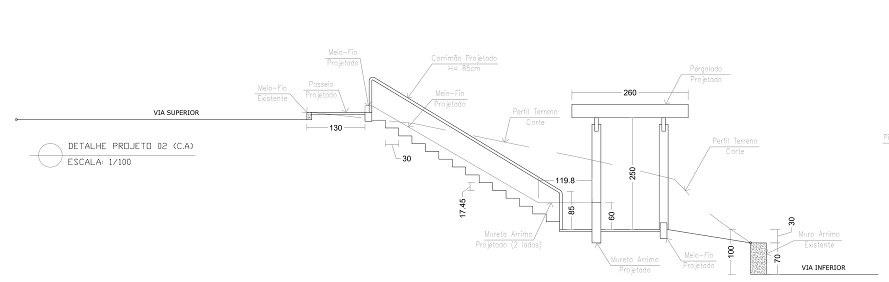
Volume de concreto (C-30) = 0.31 m³
Área de forma = 2.98 m²

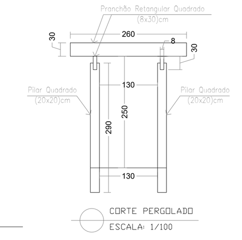


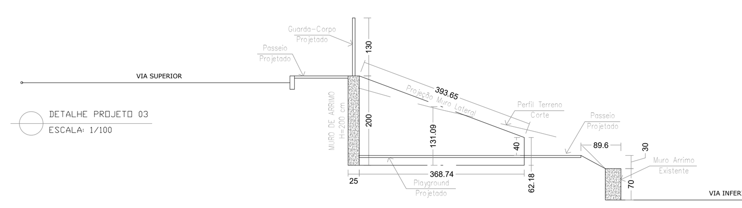












RT:

Documento assinado digitalmente
LEONNARDO SALVATO SIGILIANO
Data: 10/03/2026 09:14:43-0300
Verifique em https://validar.iti.gov.br

Leonnardo Salvato Sigiliano
ENGENHEIRO CIVIL CREA: 92.583/D-MG

PROPRIETÁRIO OU RESP. P/ USO: JOSE GERALDO NEVES:04430655600

Assinado de forma digital por JOSE GERALDO NEVES:04430655600
Dados: 2026.03.11 08:21:46 -03'00'

Prefeitura Municipal de Senador Modestino Gonçalves
CNPJ: 17.754.110/0001-41

PARA USO DO REQUERENTE

CIM JEQUITINHONHA
Consórcio Integrado Multifinalitário do Vale do Jequitinhonha
RUA ZECA BRUNO 131 - CAZUZA DIAMANTINA/MG
engcivil.cimjequitinhonha@gmail.com
TELEFONES: -

PROJETO

PROJETO: Construção de Praça no município de Senador Modestino Gonçalves/MG
ART: MG20264727474
MUNICÍPIO BENEFICIADO: SENADOR MODESTINO GONÇALVES
DADOS CONVÊNIO: Número da Proposta: 57653/2025
Contrato de Repasse Programa: 5400020250008 - APOIO A PROJETOS DE INFRAESTRUTURA TURÍSTICA - CONTRATO DE REPASSE - EMENDA DE COMISSÃO - RP8
TÍTULO: PROJETO CIVIL
LOCAL: Praça Central
DATA: 25/02/2026

EDIFICAÇÃO
ÁREA DE INTERVENÇÃO: 6.577,27 m²

FOLHA Nº / DE: 8/8

FORMATO A0