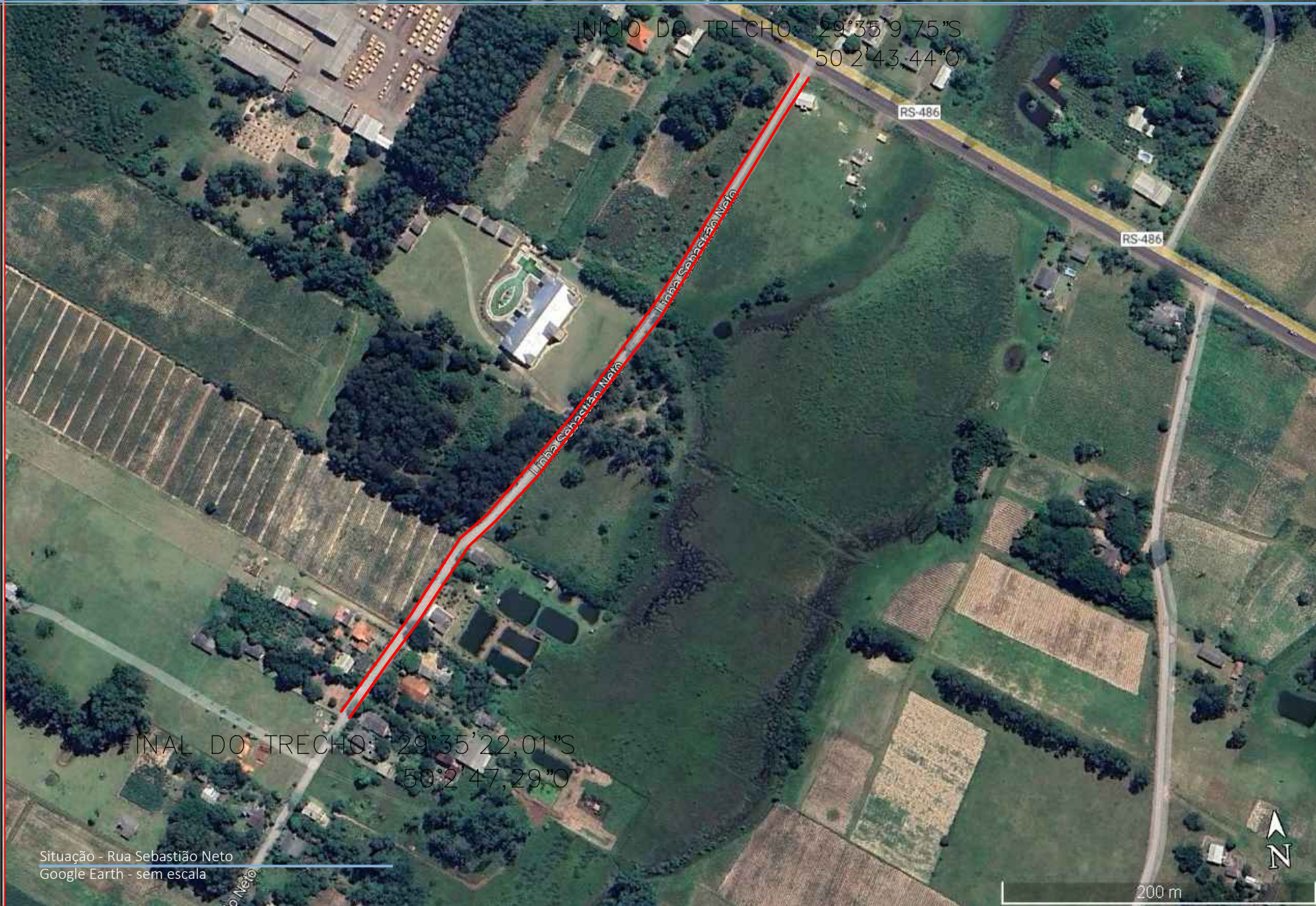
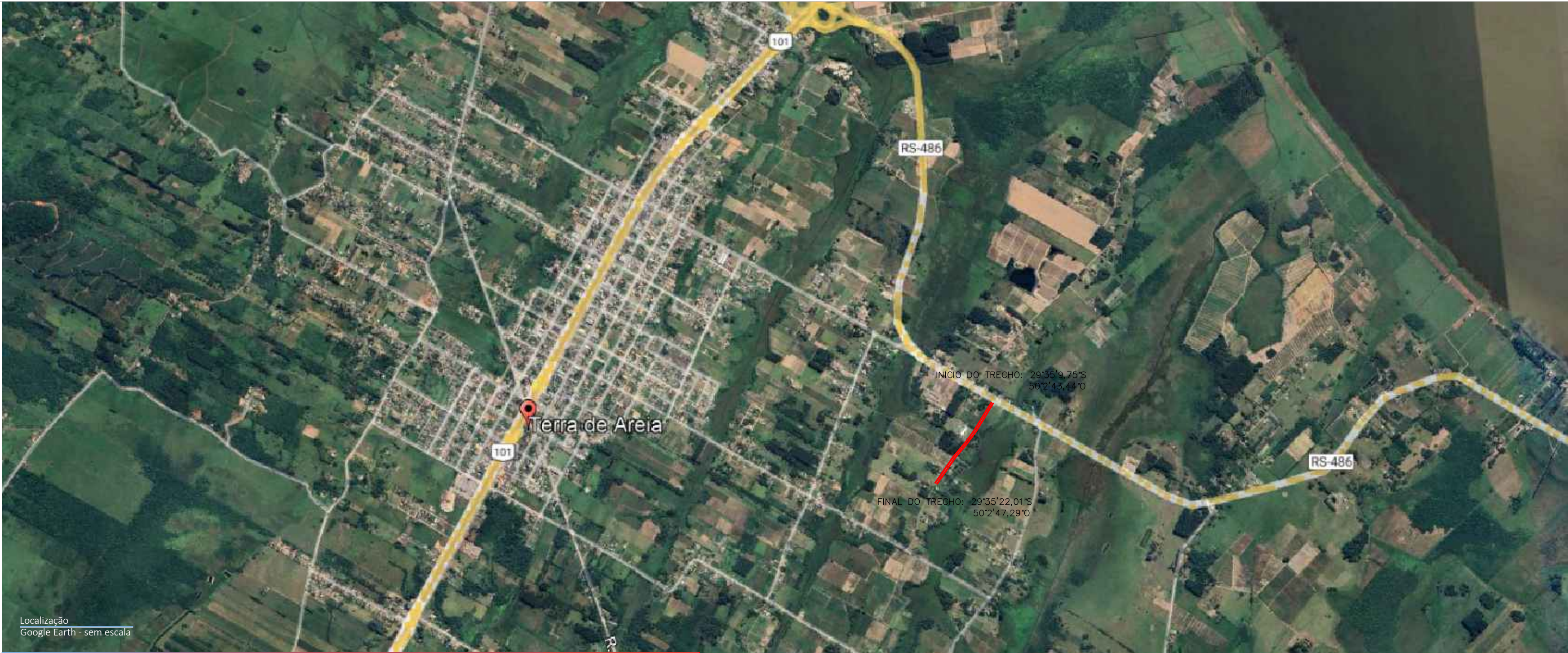




RENI
BAZANELLA:826
66598004

Assinado de forma digital
por RENI
BAZANELLA:82666598004
Data: 2025.01.22 18:00:23
+03'00'

RESP. TÉCNICO ENGR. CIVIL RENI BAZANELLA
CREA/RS 248.424

OSVALDO DE
MATTOS
SOBRINHO:3802065
3015

Assinado de forma digital
por OSVALDO DE MATTOS
SOBRINHO:38020653015
Data: 2025.04.02 14:15:21
+03'00'

PROPRIETÁRIO PREFEITURA MUNICIPAL DE TERRA DE AREIA

CARIMBO:

LEGENDA:



BAZZA ENGENHARIA
PROJETOS DE INFRAESTRUTURA

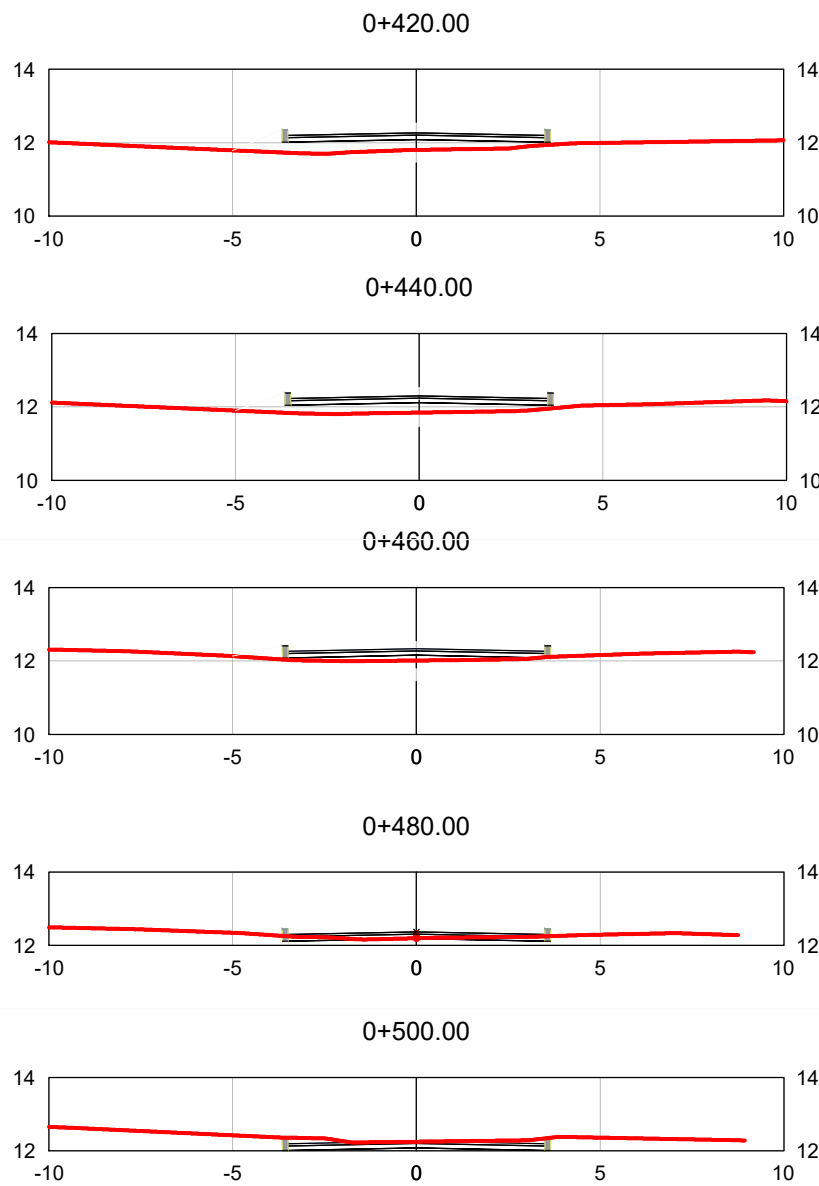
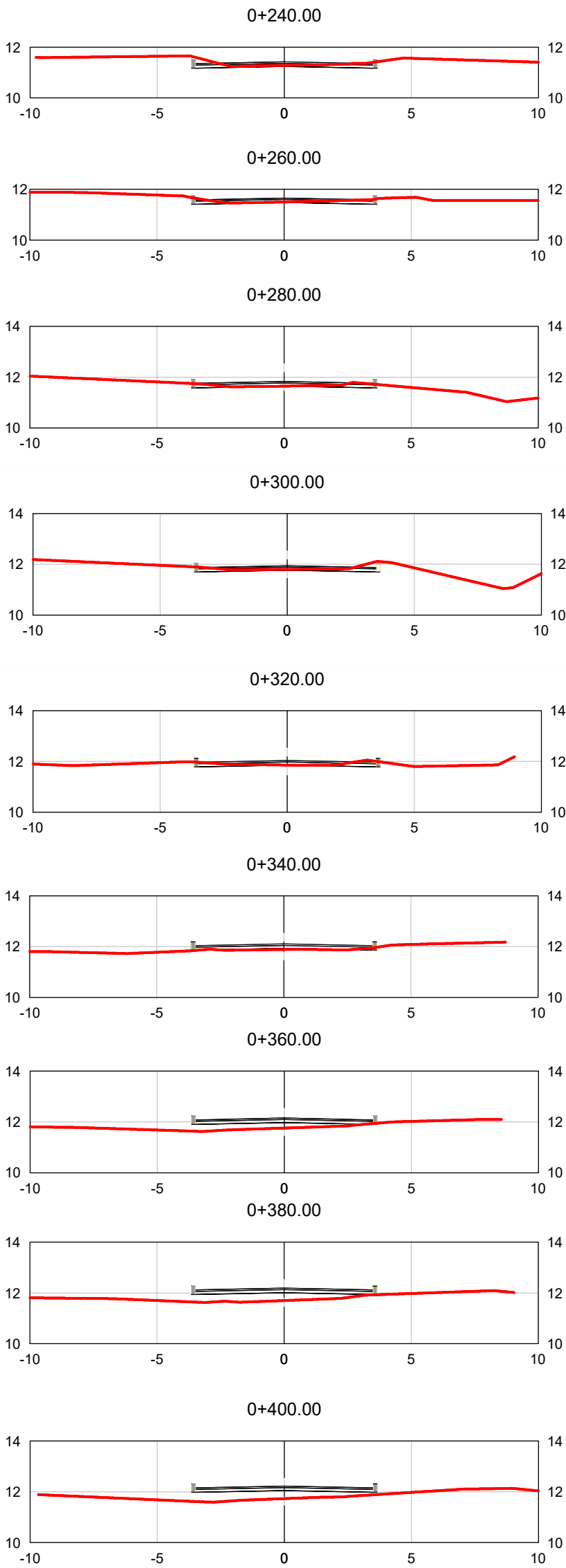
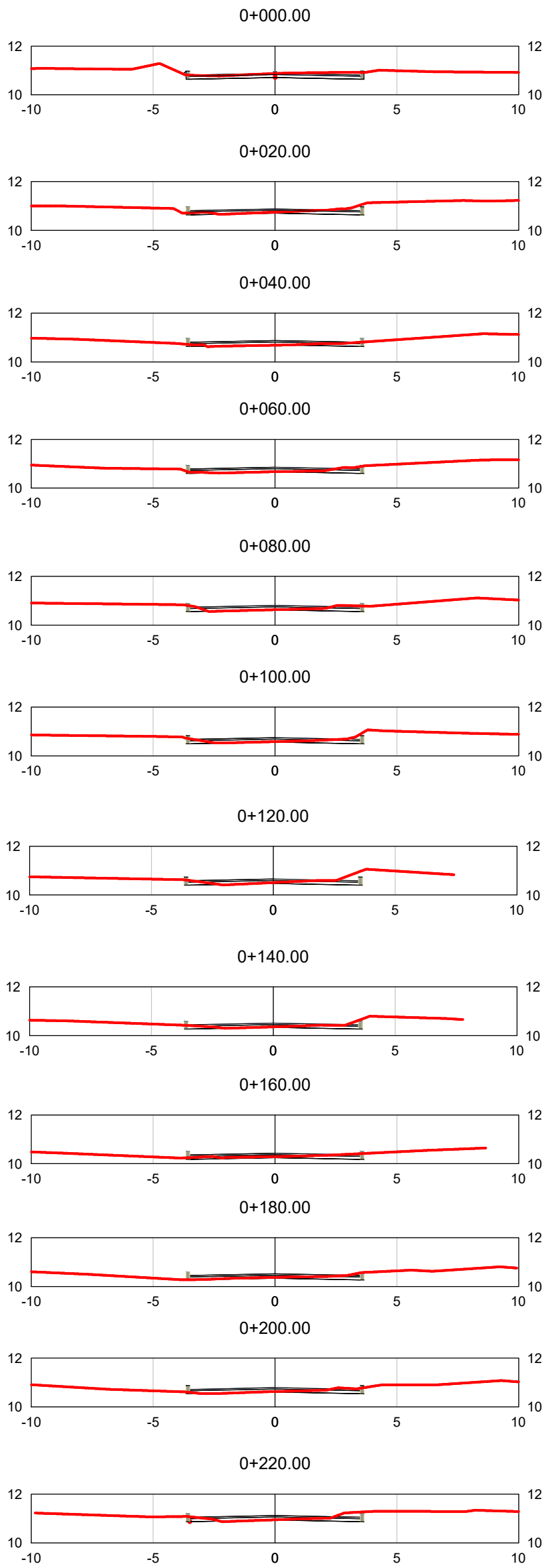
P.M. **PREFEITURA MUNICIPAL DE TERRA DE AREIA**

LOCAL: Rua Sebastião Neto (Quilombola) no bairro Boa Vista
COORD INICIAL 29°35'9,75"S 50°2'43,44"O e FINAL 29°35'22,01"S 50°2'47,29"O

PLANTA DE SITUAÇÃO E LOCALIZAÇÃO

ESCALA:
S/ESC.

FOLHA:
01



Nota de Serviço

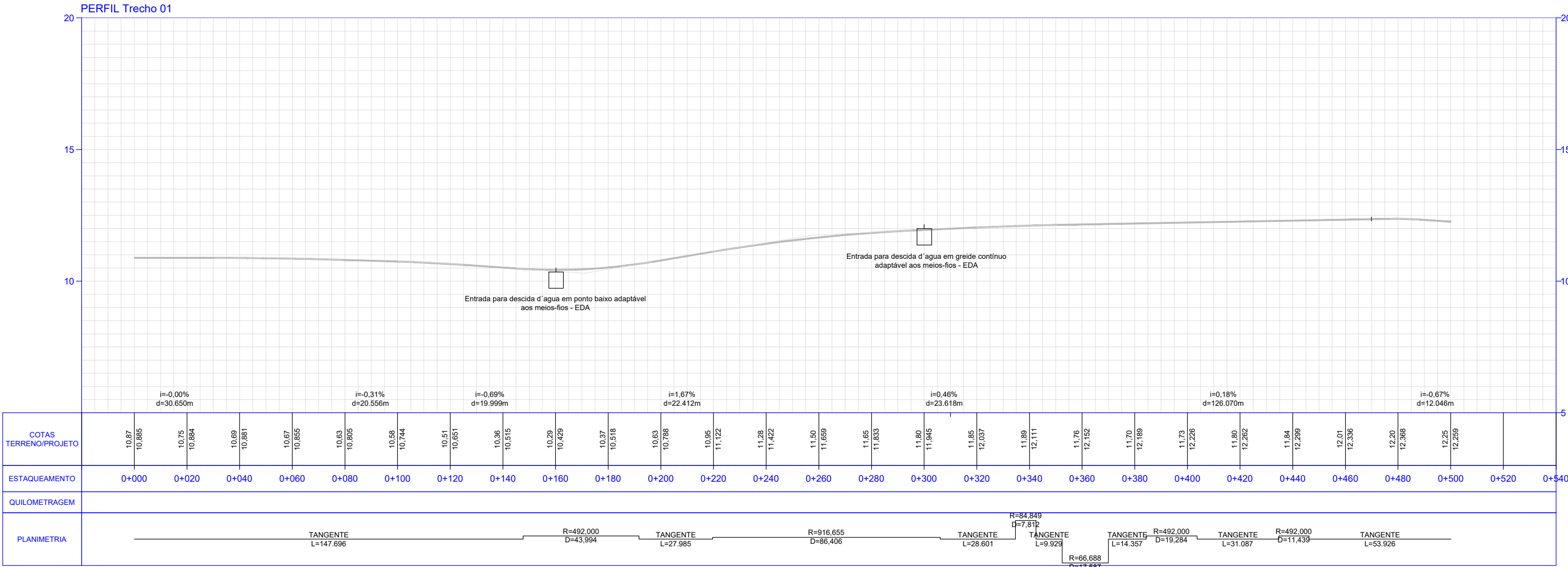
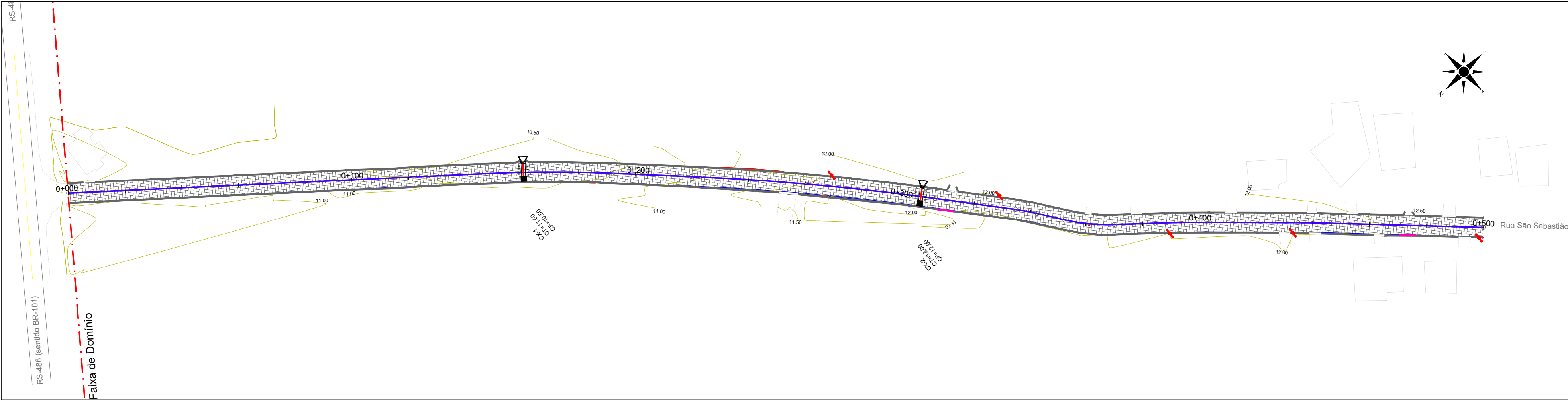
TRECHO 01 ESTACA: 0+000 0+500											
Lado Esquerdo			Eixo						Lado Direito		
ETW			Estaca	Pontos Notáveis da Geometria Vertical	Cota Projeto	Cota Terreno	Cota Vermelha		ETW		
Afast. (m)	Cota (m)	Incl. (%)							Afast. (m)	Cota (m)	Incl. (%)
-3,5	10,815	-2	0+000		10,885	10,872	0,013		3,5	10,815	-2
-3,5	10,814	-2	0+020	PCV	10,884	10,749	0,135		3,5	10,814	-2
-3,5	10,811	-2	0+040		10,881	10,685	0,195		3,5	10,811	-2
-3,5	10,785	-2	0+060	PTV	10,855	10,672	0,184		3,5	10,785	-2
-3,5	10,735	-2	0+080	PCV	10,805	10,632	0,173		3,5	10,735	-2
-3,5	10,674	-2	0+100		10,744	10,582	0,162		3,5	10,674	-2
-3,5	10,581	-2	0+120	PTV	10,651	10,507	0,144		3,5	10,581	-2
-3,5	10,445	-2	0+140	PCV	10,515	10,359	0,156		3,5	10,445	-2
-3,5	10,359	-2	0+160		10,429	10,29	0,139		3,5	10,359	-2
-3,5	10,448	-2	0+180	PTV	10,518	10,374	0,144		3,5	10,448	-2
-3,5	10,718	-2	0+200	PCV	10,788	10,63	0,158		3,5	10,718	-2
-3,5	11,052	-2	0+220		11,122	10,948	0,174		3,5	11,052	-2
-3,5	11,352	-2	0+240		11,422	11,281	0,141		3,5	11,352	-2
-3,5	11,589	-2	0+260		11,659	11,501	0,158		3,5	11,589	-2
-3,5	11,763	-2	0+280	PTV	11,833	11,649	0,184		3,5	11,763	-2
-3,5	11,875	-2	0+300	PCV	11,945	11,802	0,143		3,5	11,875	-2
-3,5	11,967	-2	0+320		12,037	11,855	0,182		3,5	11,967	-2
-3,5	12,041	-2	0+340	PTV	12,111	11,886	0,224		3,5	12,041	-2
-3,5	12,082	-2	0+360		12,152	11,76	0,393		3,5	12,082	-2
-3,5	12,119	-2	0+380		12,189	11,699	0,49		3,5	12,119	-2
-3,5	12,156	-2	0+400		12,226	11,73	0,495		3,5	12,156	-2
-3,5	12,192	-2	0+420		12,262	11,803	0,46		3,5	12,192	-2
-3,5	12,229	-2	0+440		12,299	11,845	0,455		3,5	12,229	-2
-3,5	12,266	-2	0+460	PCV	12,336	12,013	0,323		3,5	12,266	-2
-3,5	12,298	-2	0+480	PTV	12,368	12,197	0,172		3,5	12,298	-2
-3,5	12,189	-2	0+500		12,259	12,248	0,01		3,5	12,189	-2

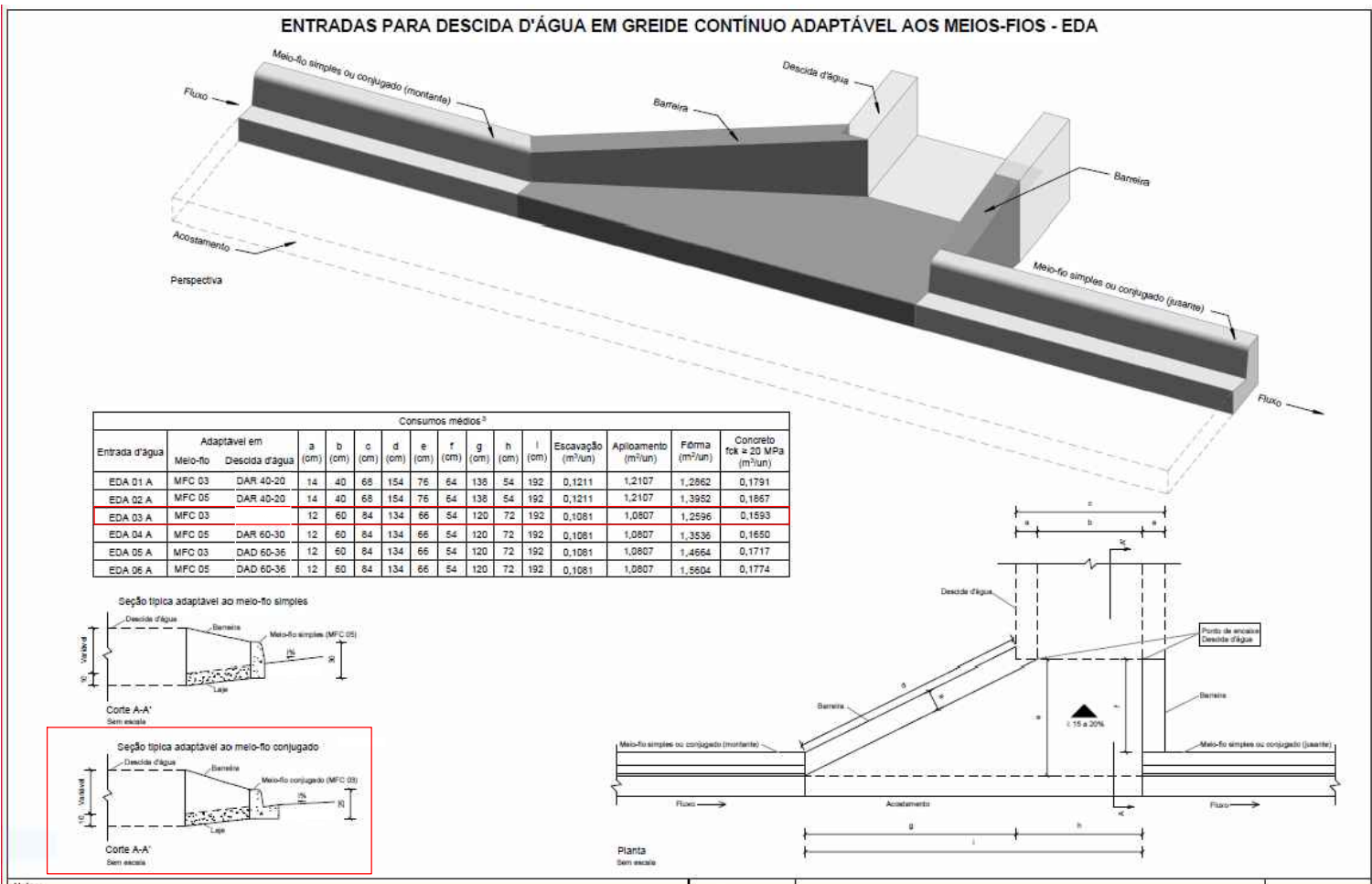
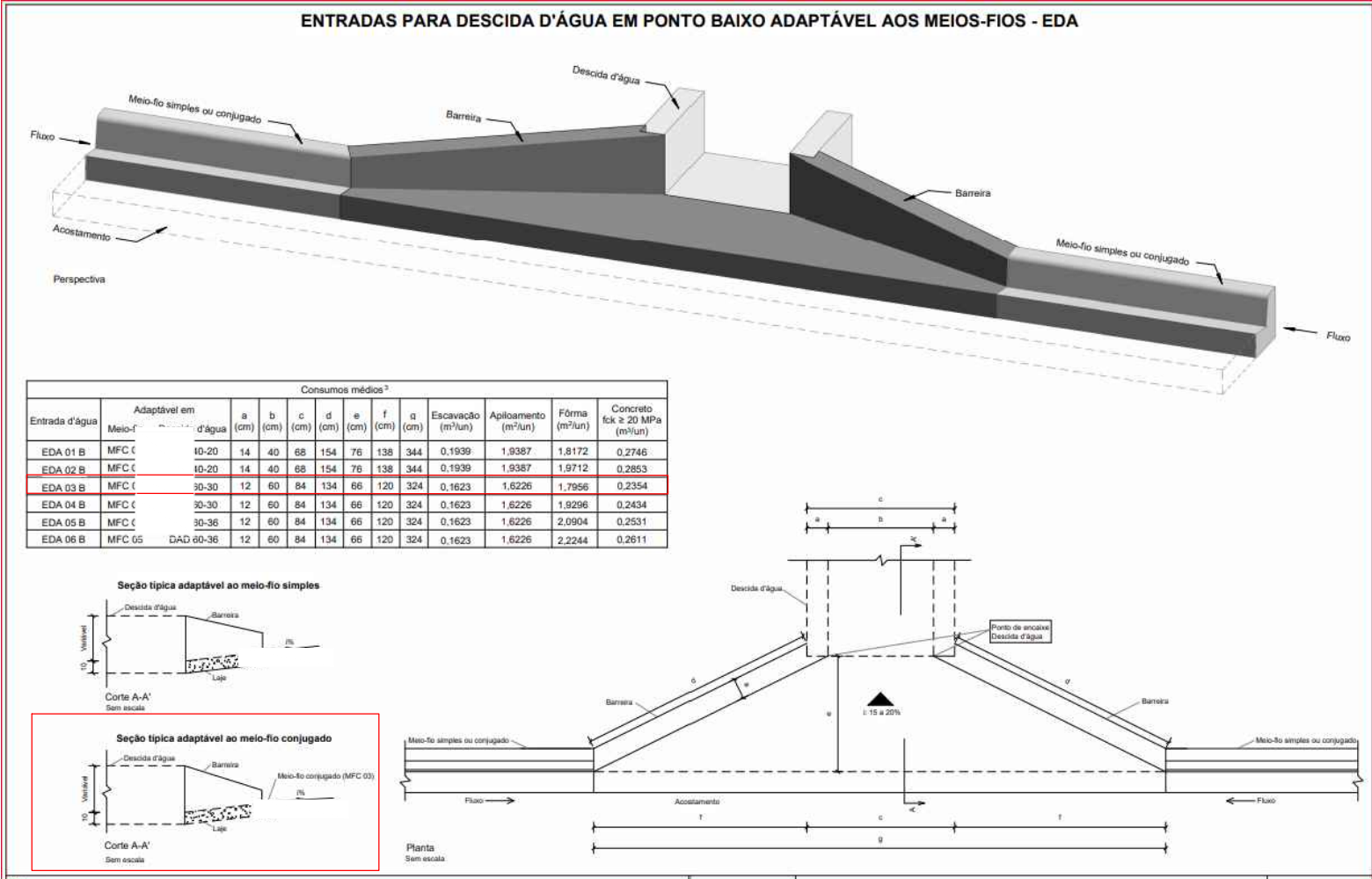
Relatório de Volumes

Projeto: E:\Topografia\Rení Terra de Areia\Terra de Areia.dwg

Alinhamento: Trecho 01
Grupo de Seções: SECÕES - Trecho 01
Estaca Inicial: 0+0.000
Estaca Final: 25+0.000

Estaca	Semi Distância (m)	Área de corte (m²)	Volume de Corte (m³)	Vol. Reuso (m³)	Área de Aterro (m²)	Volume Aterro (m³)	Vol. Acum. Corte (m³)	Vol. Reuso Acum. (m³)	Vol. Acum. Aterro (m³)	Dif. Vol. Acum. (m³)
0+0.000	0.00	1.38	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1+0.000	10.00	0.80	21.81	21.81	0.03	0.41	21.81	21.81	0.41	21.39
2+0.000	10.00	0.33	11.37	11.37	0.07	1.05	33.18	33.18	1.46	31.71
3+0.000	10.00	0.43	7.60	7.60	0.04	1.17	40.78	40.78	2.63	38.15
4+0.000	10.00	0.59	10.20	10.20	0.01	0.58	50.97	50.97	3.21	47.77
5+0.000	10.00	0.69	12.84	12.84	0.00	0.19	63.81	63.81	3.39	60.42
6+0.000	10.00	0.96	16.50	16.50	0.01	0.18	80.31	80.31	3.57	76.74
7+0.000	10.00	0.68	16.34	16.34	0.01	0.27	96.65	96.65	3.84	92.81
8+0.000	10.00	0.69	13.60	13.60	0.04	0.55	110.25	110.25	4.40	105.85
9+0.000	10.00	0.54	12.22	12.22	0.05	0.94	122.47	122.47	5.34	117.13
10+0.000	10.00	0.50	10.35	10.35	0.04	0.96	132.82	132.82	6.30	126.52
11+0.000	10.00	0.76	12.57	12.57	0.03	0.78	145.39	145.39	7.07	138.32
12+0.000	10.00	0.92	16.79	16.79	0.00	0.37	162.18	162.18	7.44	154.74
13+0.000	10.00	0.64	15.63	15.63	0.01	0.10	177.81	177.81	7.54	170.27
14+0.000	10.00	0.47	11.13	11.13	0.04	0.44	188.94	188.94	7.98	180.96
15+0.000	10.00	0.82	12.91	12.91	0.01	0.45	201.85	201.85	8.43	193.42
16+0.000	10.00	0.59	14.16	14.16	0.02	0.28	216.01	216.01	8.71	207.30
17+0.000	10.00	0.06	6.58	6.58	0.23	2.55	222.59	222.59	11.27	211.32
18+0.000	10.00	0.01	0.78	0.78	1.48	17.07	223.37	223.37	28.33	195.03
19+0.000	10.00	0.00	0.12	0.12	2.06	35.15	223.49	223.49	63.48	160.01
20+0.000	10.00	0.00	0.00	0.00	2.37	44.34	223.49	223.49	107.82	115.67
21+0.000	10.00	0.00	0.00	0.00	2.09	44.61	223.49	223.49	152.44	71.05
22+0.000	10.00	0.00	0.00	0.00	1.91	39.99	223.49	223.49	192.43	31.07
23+0.000	10.00	0.00	0.05	0.05	0.81	27.14	223.54	223.54	219.56	3.98
24+0.000	10.00	0.43	4.38	4.38	0.03	8.43	227.92	227.92	227.99	-0.07
25+0.000	10.00	1.73	21.64	21.64	0.00	0.35	249.56	249.56	228.34	21.22

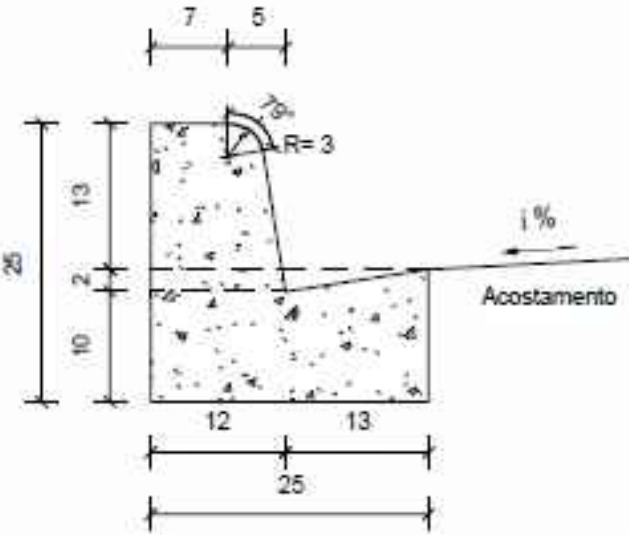




MFC 03



Perspectiva



Seção transversal
Escala 1 : 10

Consumos médios ⁴		
Escavação	m³/m	0,0300
Concreto fck ≥ 20 MPa	m³/m	0,0420
Fôrma	m²/m	0,5475
Argamassa asfáltica	kg/m	0,0595
Argamassa de cimento e areia ⁵	m³/m	0,0004



