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E-MAIL: [centraldeprojetosamm@gmail.com](mailto:centraldeprojetosamm@gmail.com)

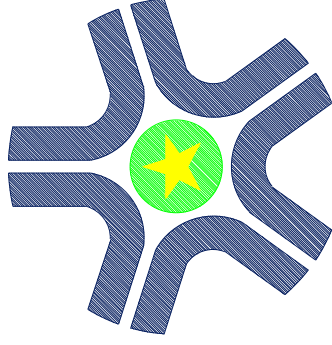
## **PROJETO DE PAVIMENTAÇÃO ASFÁLTICA, DRENAGEM URBANA, SINALIZAÇÃO VIÁRIA E PASSEIO PÚBLICO**

**Proprietário:** Prefeitura Municipal de ARAPUTANGA- MT

**J:** 15.023.914/0001-45

**Local:** BAIRRO JD. VILLAGE: Rua C, Rua D, Rua E, Rua F, Rua O, Rua P, Rua Q, Rua R, Rua Osvaldo A. de Campos e Rua Manoel S. dos Santos

BAIRRO JD. PRIMAVERA: Rua Carlos Chagas, Rua Princesa Izabel, Rua 07 e Rua 09



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## **PROJETO DE PAVIMENTAÇÃO ASFÁLTICA, DRENAGEM URBANA, SINALIZAÇÃO VIÁRIA E PASSEIO PÚBLICO**

**Proprietário:** Prefeitura Municipal de ARAPUTANGA- MT

**CNPJ:** 15.023.914/0001-45

**Endereço:**

BAIRRO JD. VILLAGE: Rua C, Rua D, Rua E, Rua F, Rua O, Rua P, Rua Q, Rua R, Rua  
Oswaldo A. de Campos e Rua Manoel S. dos Santos

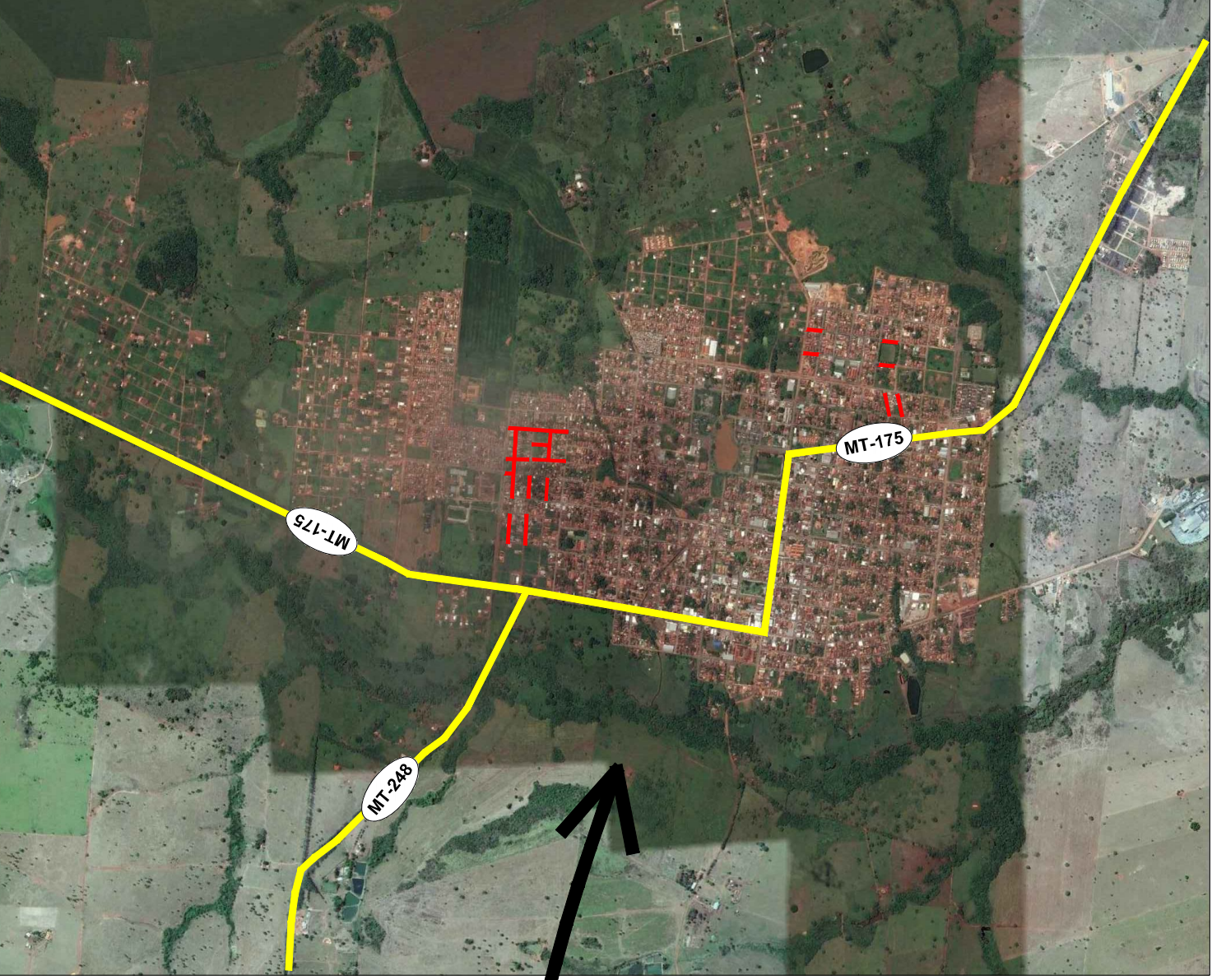
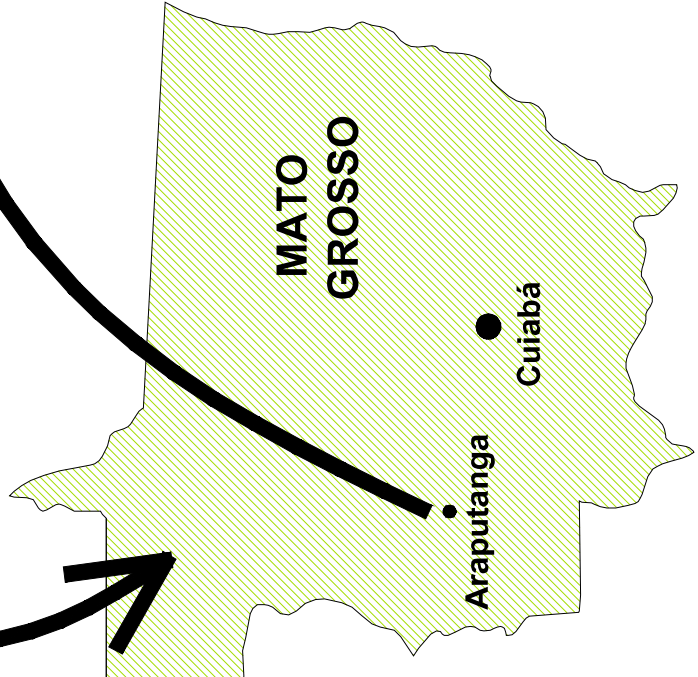
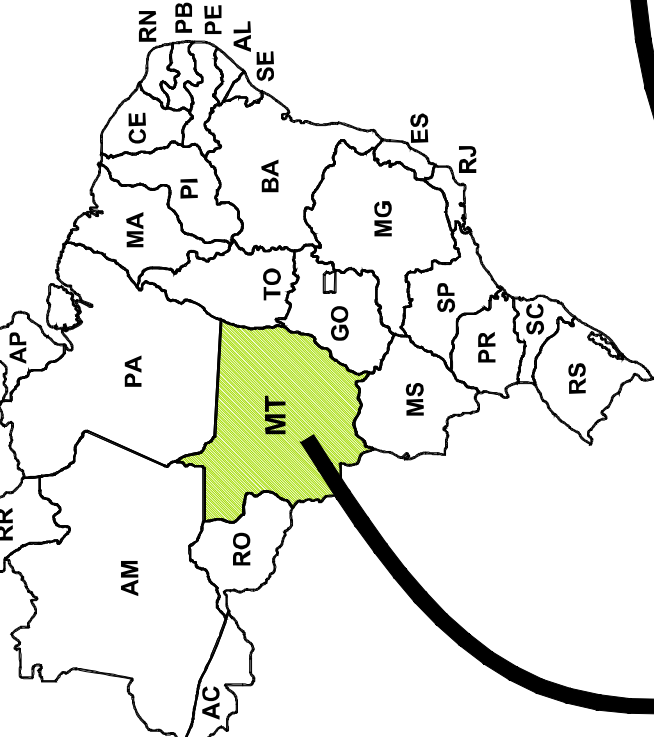
BAIRRO JD. PRIMAVERA: Rua Carlos Chagas, Rua Princesa Izabel, Rua 07 e Rua 0

**Colaboração :** Associação Mato-grossense dos Municípios

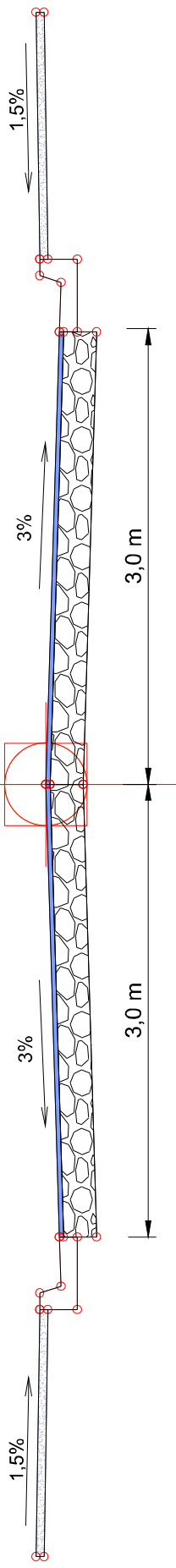
**Resp. Técnicos:** Flávia Fernandes Lima Cunha / CREA 121416547-8

Rafael Nicodemos Bruzzon / CREA 121366604-0

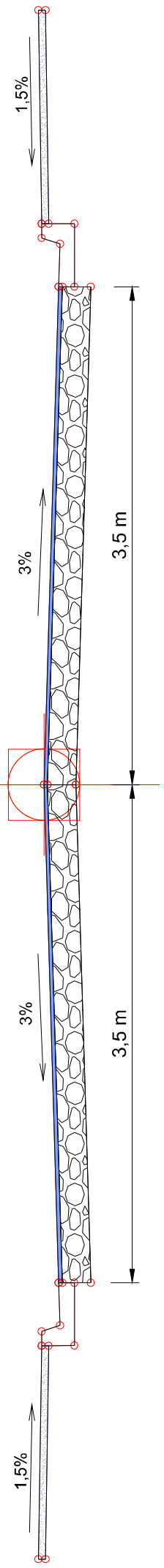




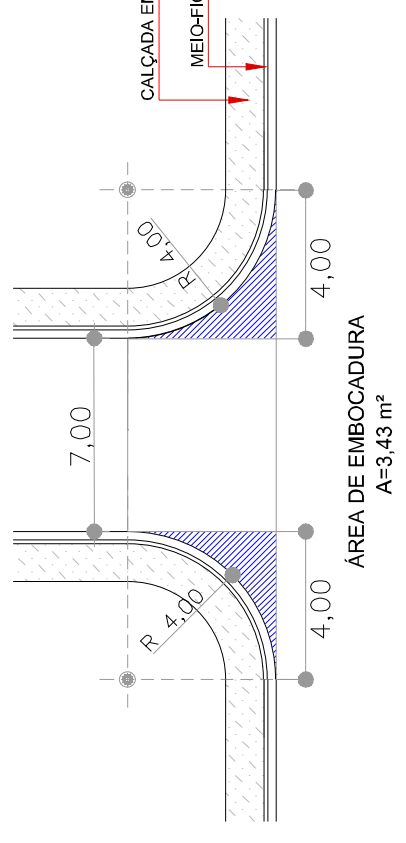
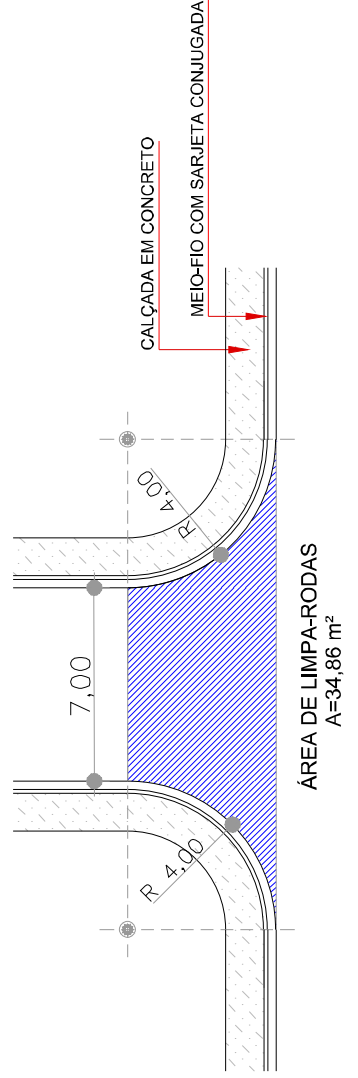




**RUAS BAIRRO JD. VILLAGE**



**LIMPA RODAS E EMBOCADURAS**





# BAIRRO JD. VILAGE

RUA R

RUA B

CRECHE  
PINGO DE  
GENTE

RUA OSVALDO ALVAREZ DE CAMPOS

RUA P

RUA ANA DE ARAÚJO MOREIRA

RUA MARECHAL RONDON

RUA O

RUA "E" PROJETADA

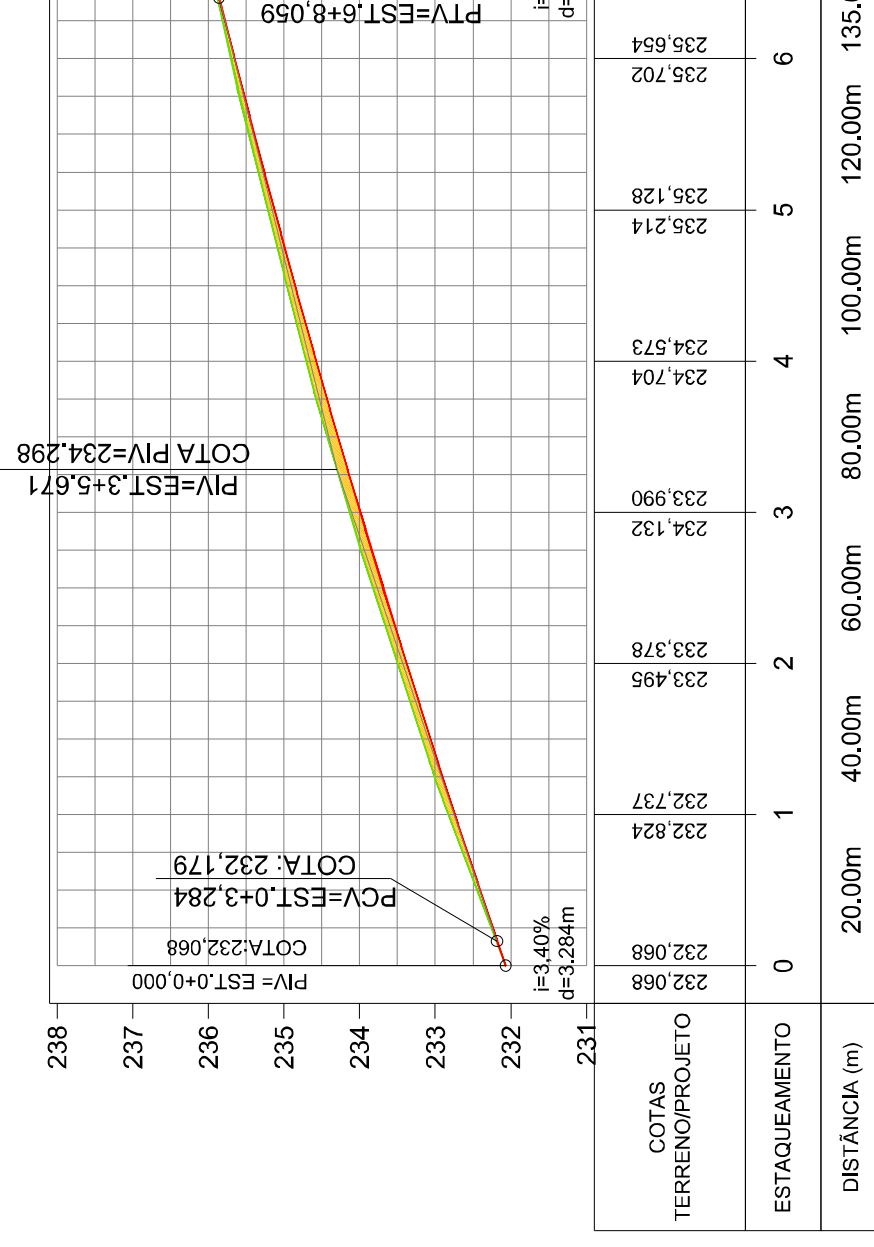
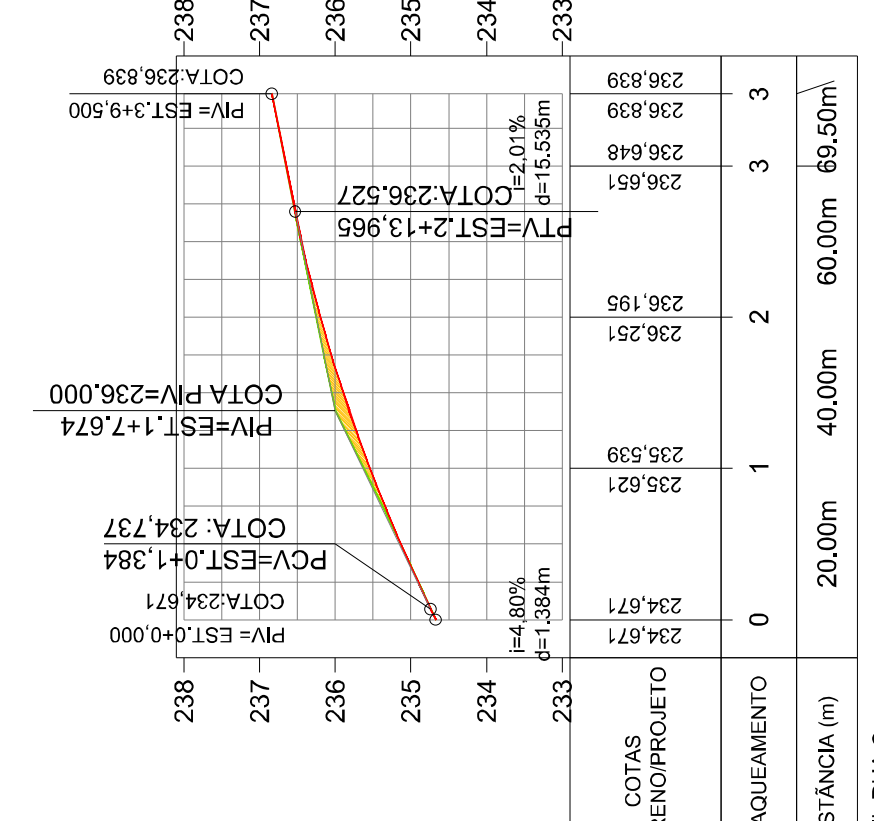
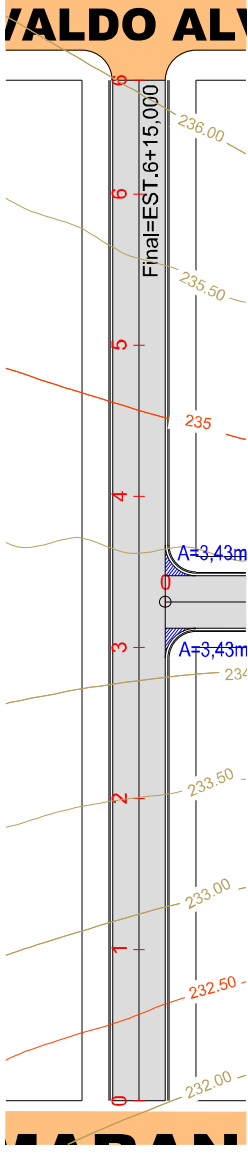
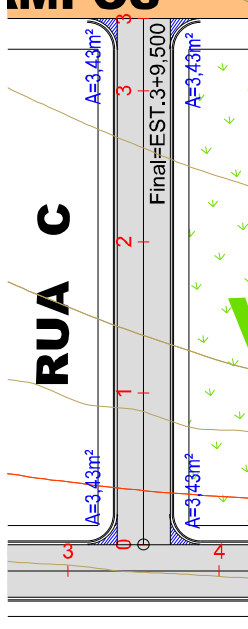
RUA MARANHÃO

29

RUA C

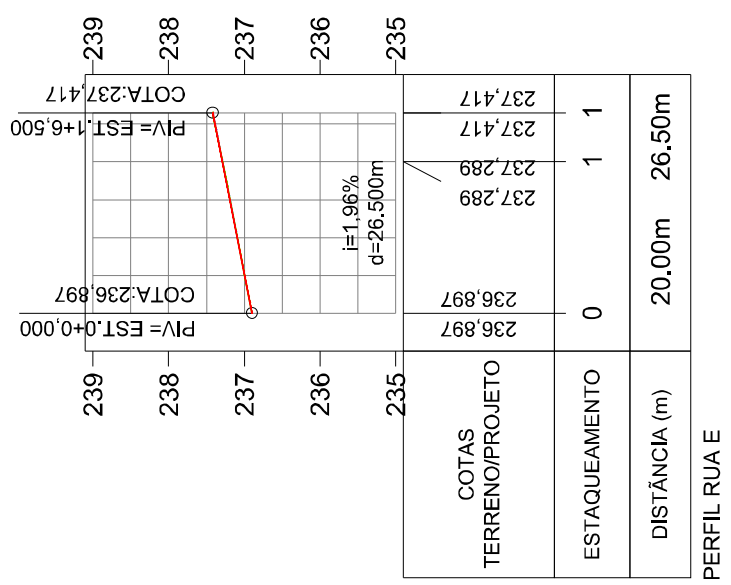
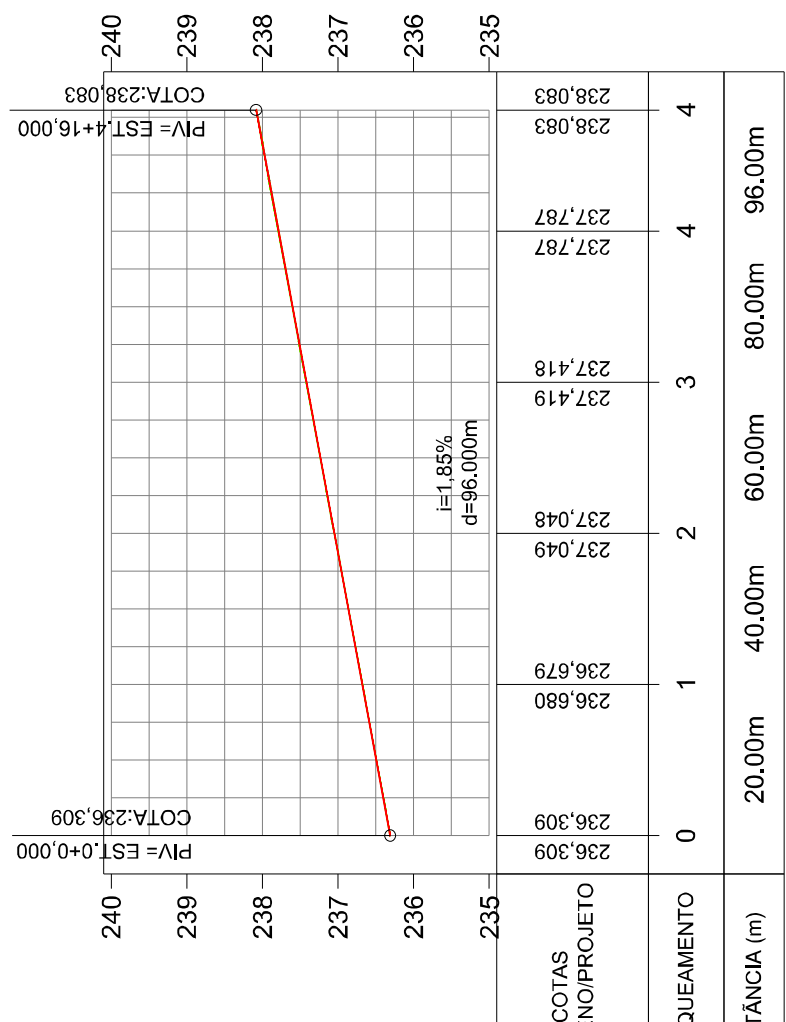
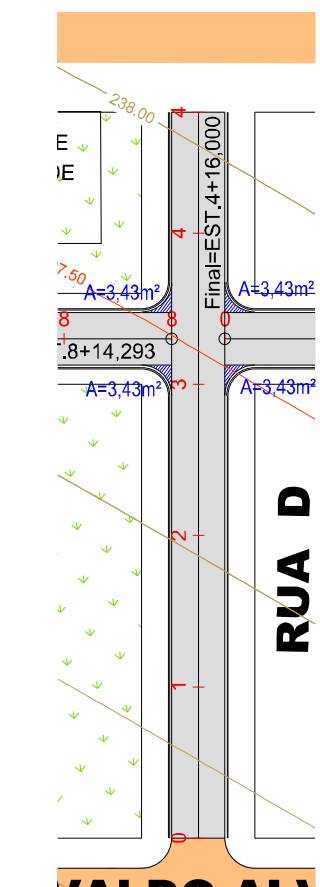
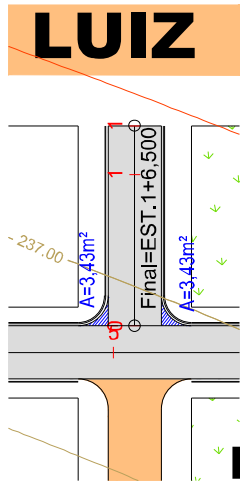
RUA F

RUA D



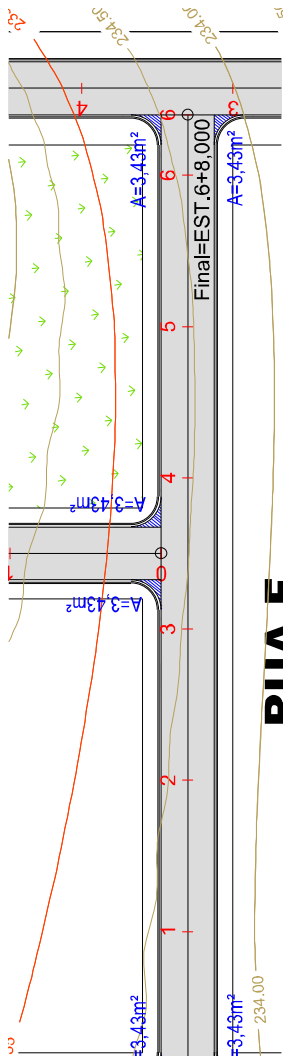
PERFIL RUA D - TRECHO 01

PERFIL RUA C

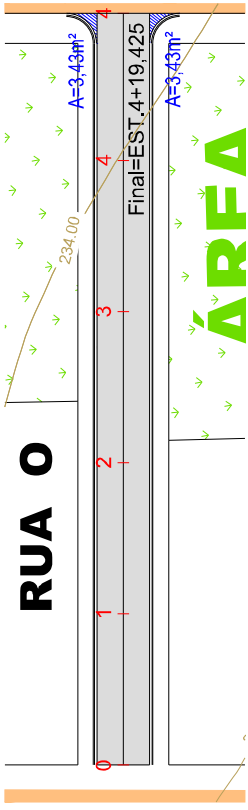


- RUA D - TRECHO 02

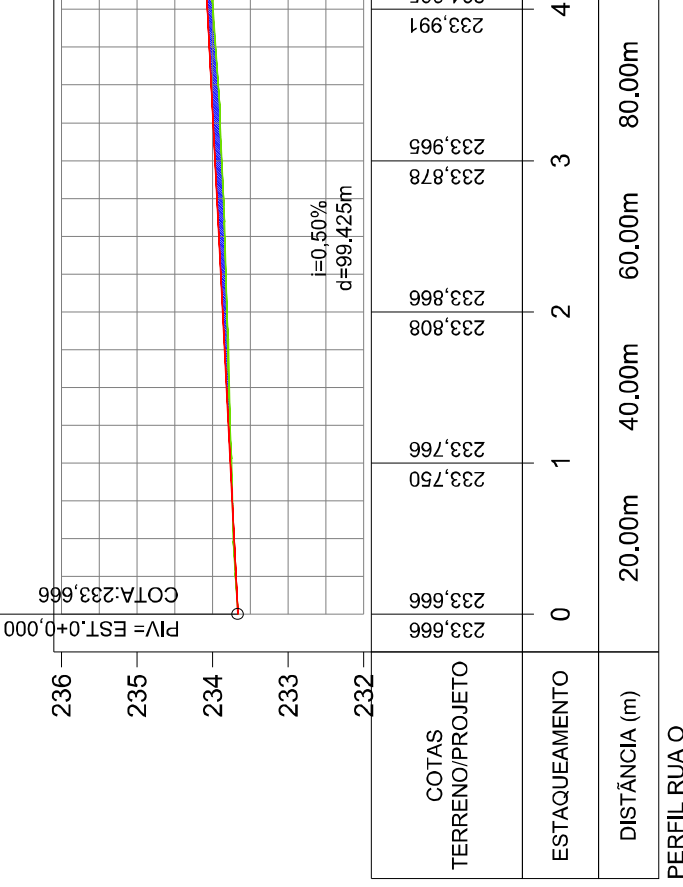
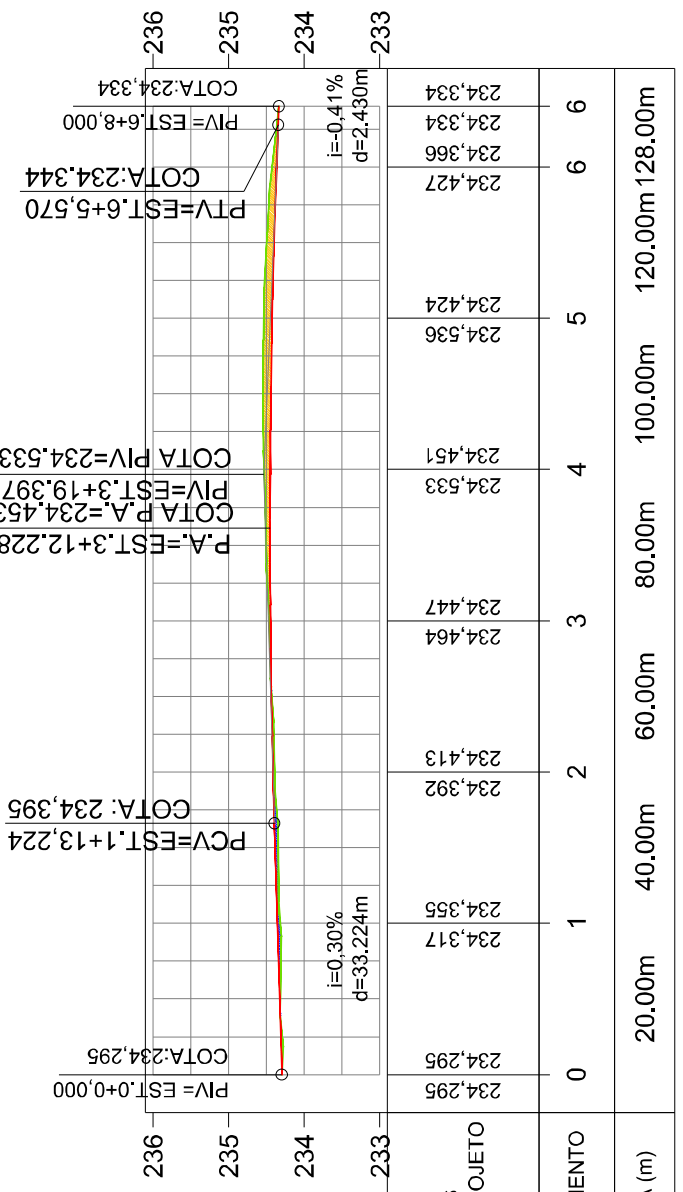




**DIA E**



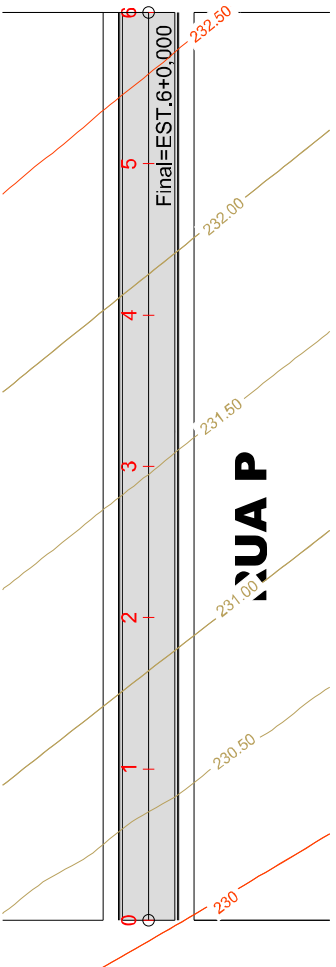
**RUA O**



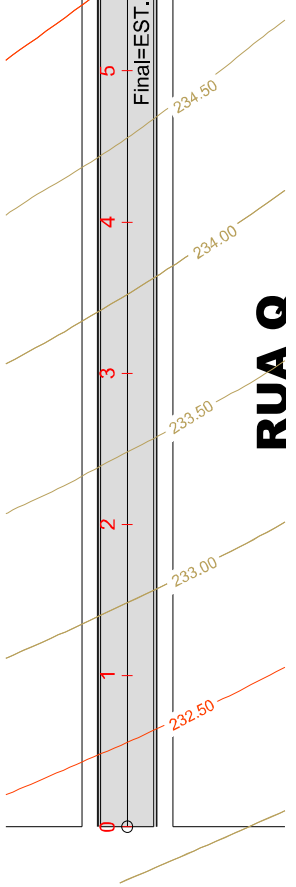
COTAS TERRENO/PROJETO	233,666	233,750	233,808	233,866	233,878	233,965	233,991
ESTAQUEAMENTO	0	1	2	3	4	5	6
DISTÂNCIA (m)	20,00m	40,00m	60,00m	80,00m	100,00m	120,00m	128,00m

PERFIL RUA O

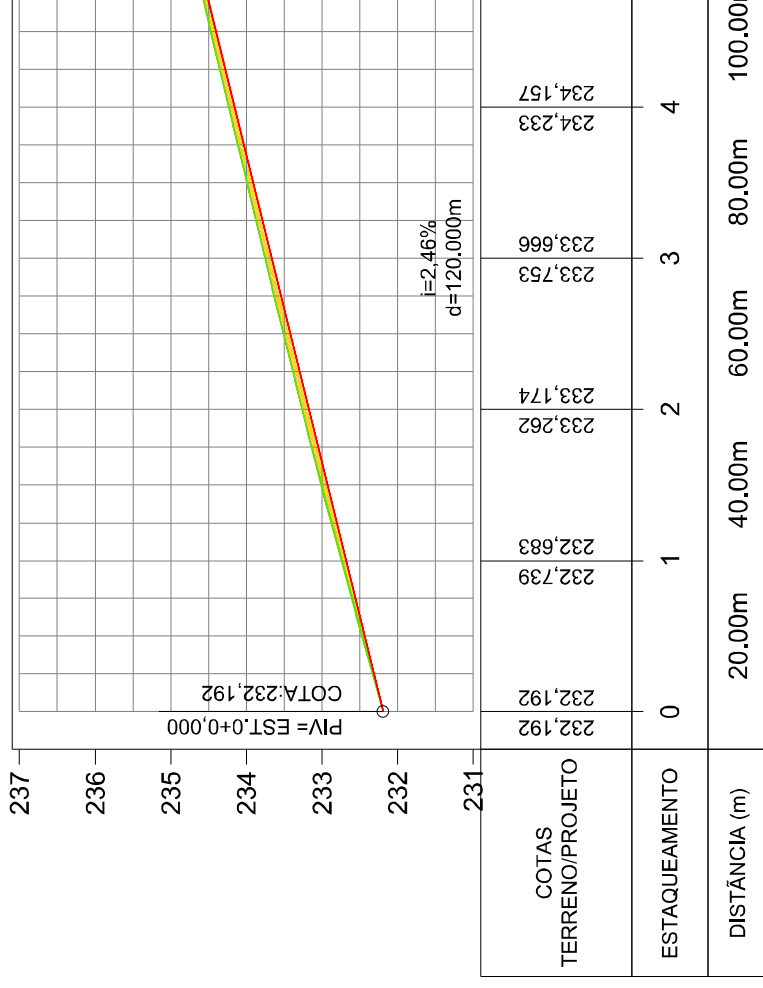
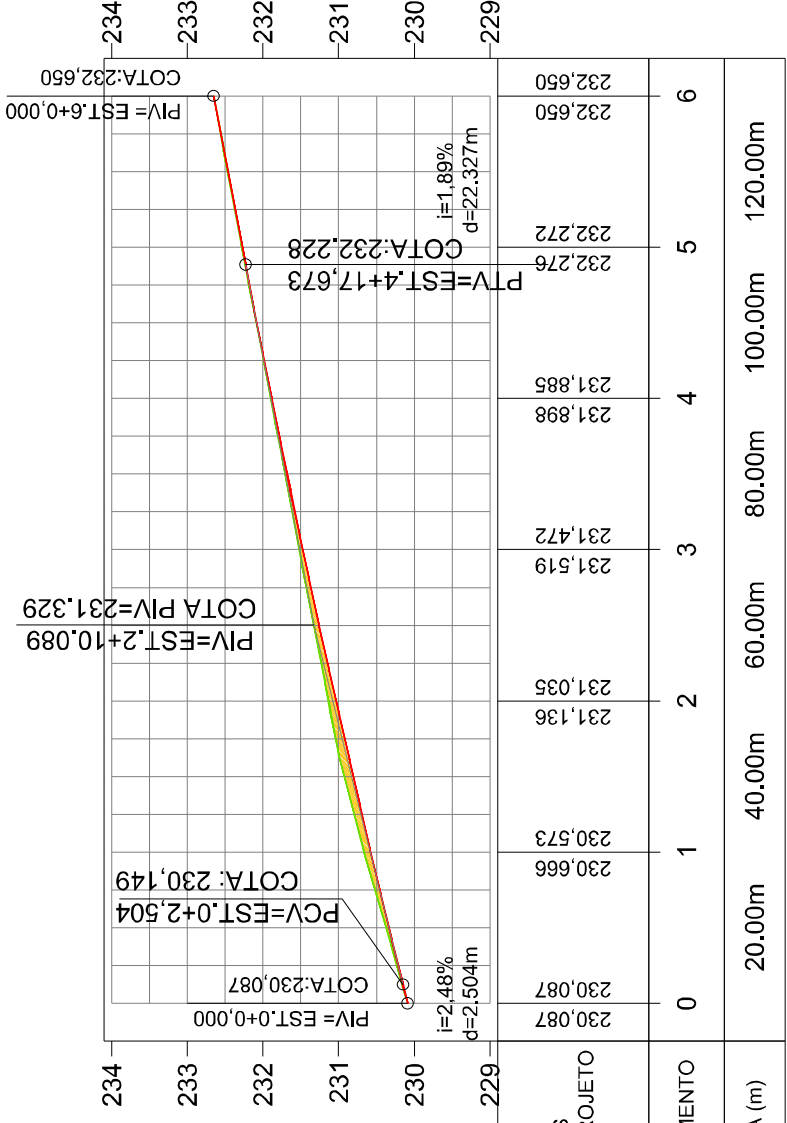




## RUA P

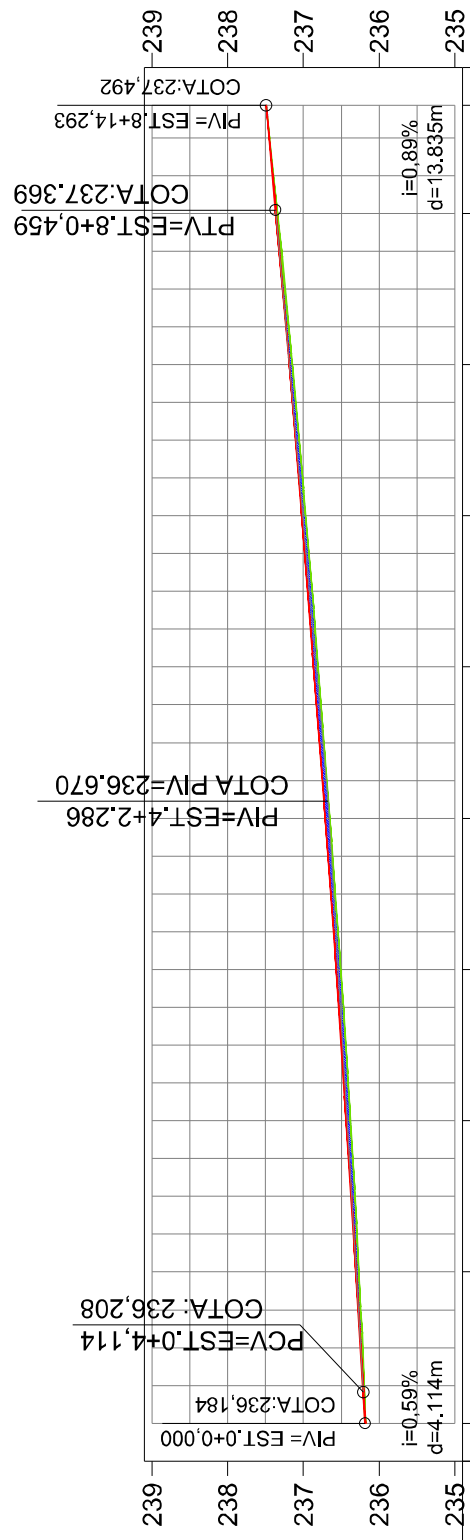
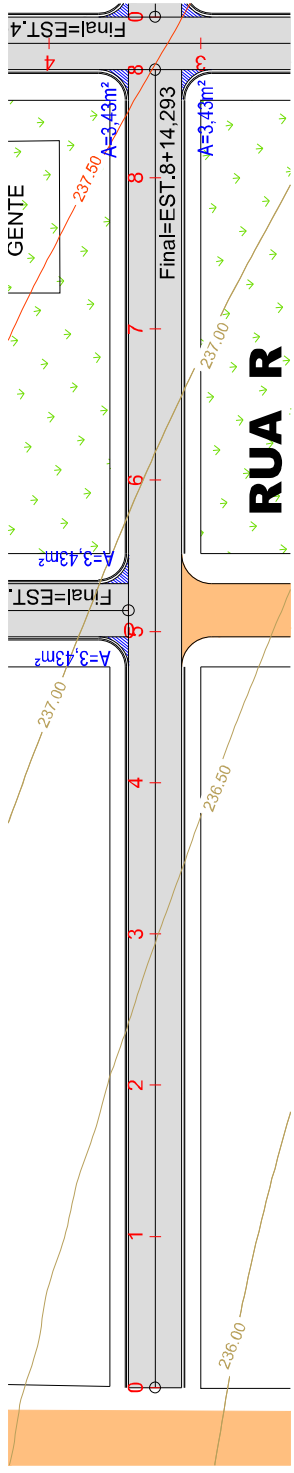


## RUA Q



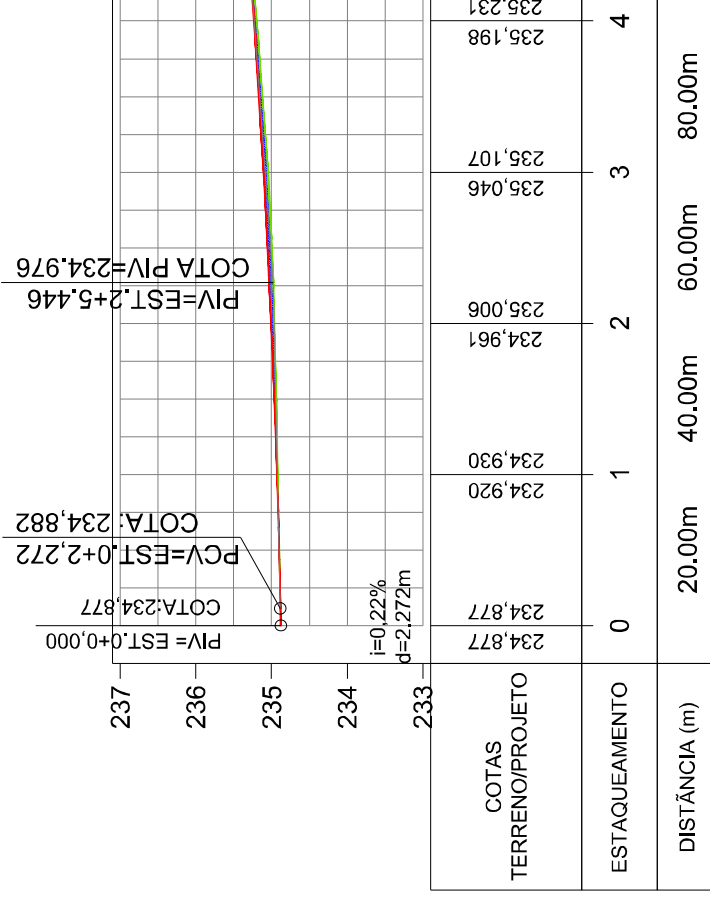
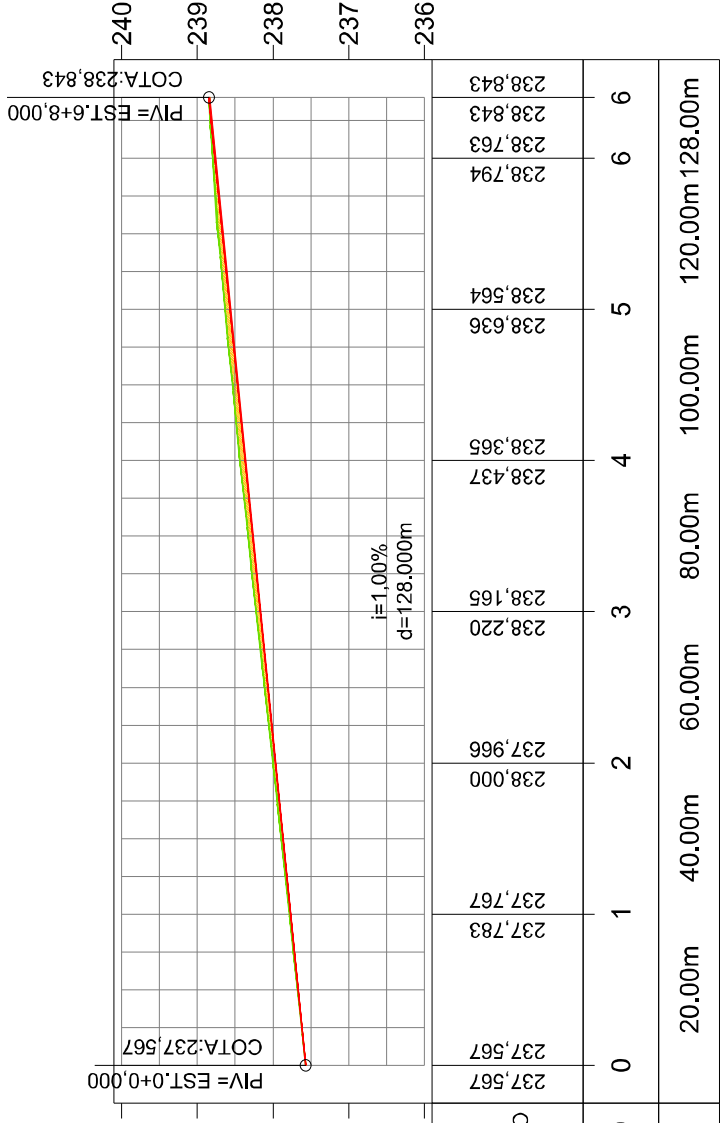
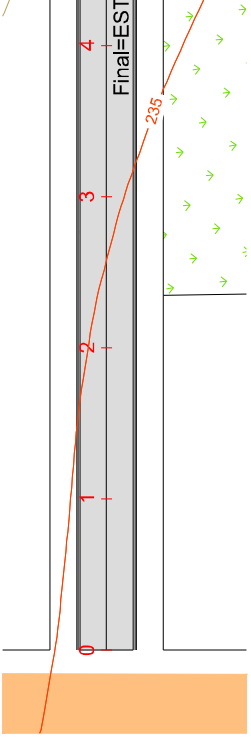
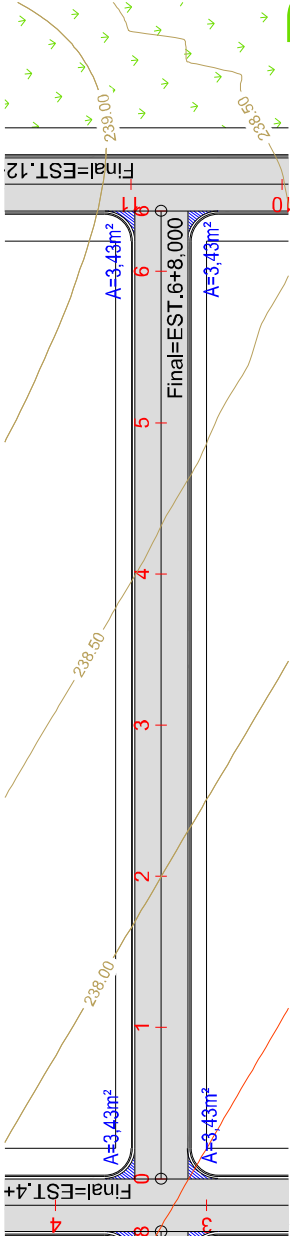
PERFIL RUA Q





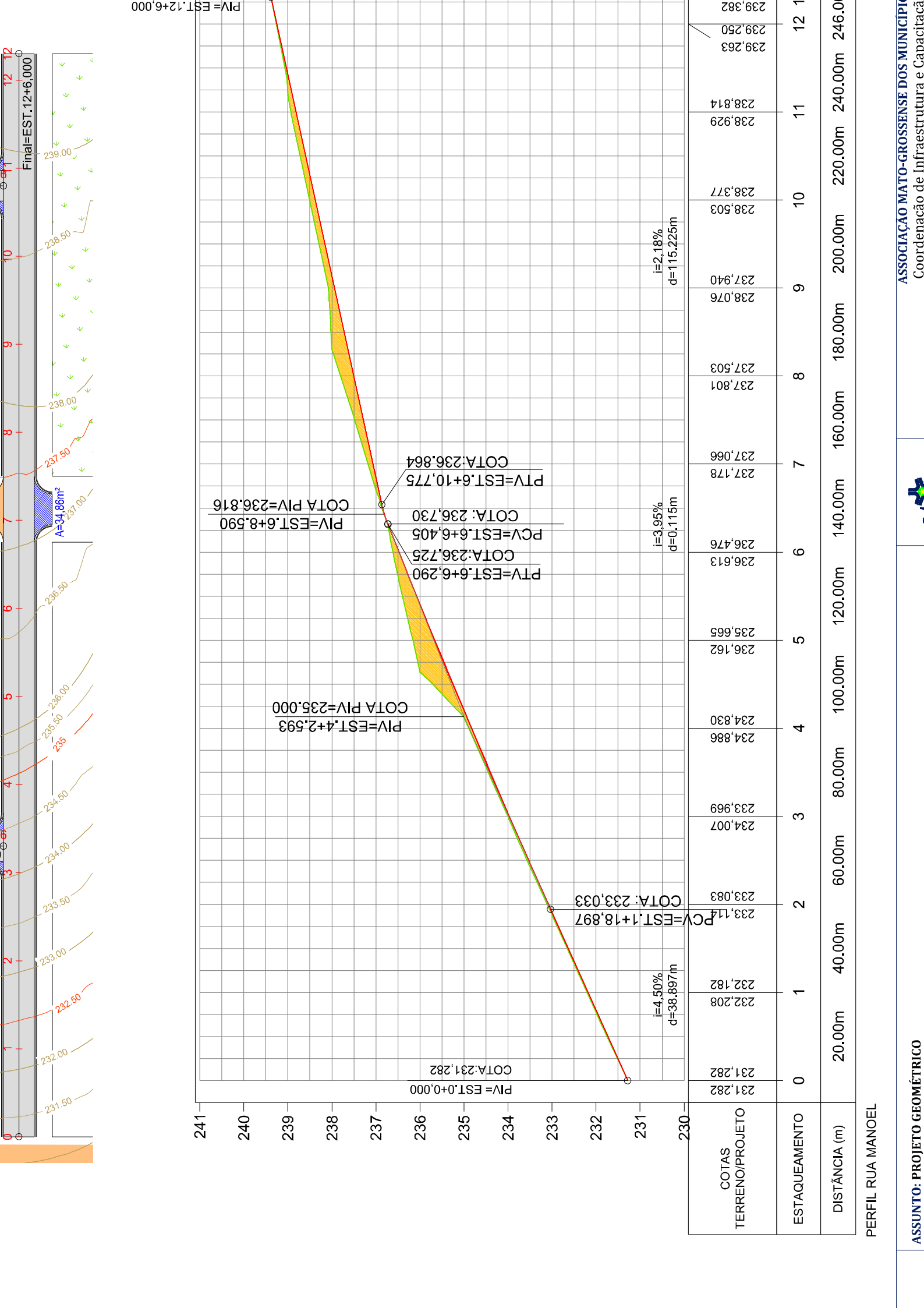
COTAS TERRENO/PROJETO	ESTACIAMENTO	DISTÂNCIA (m)
236,184	0	20,00m
236,304	1	40,00m
236,375	2	60,00m
236,509	3	80,00m
236,653	4	100,00m
236,806	5	120,00m
236,969	6	140,00m
237,146	7	160,00m
237,343	8	174,29m

PERFIL RUA R - TRECHO 01



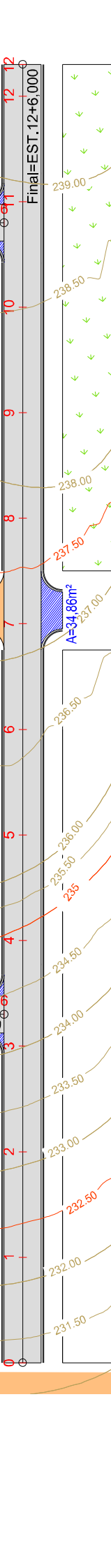
CHOCO 02

PERFIL RUA OSVALDO



COTAS TERRENO/PROJETO	ESTAGUEAMENTO	DISTÂNCIA (m)
231,282	0	20.00m
232,208	1	40.00m
232,182	1	40.00m
233,114	2	40.00m
233,083	2	60.00m
234,007	3	60.00m
233,969	3	80.00m
234,886	4	80.00m
234,830	4	100.00m
236,162	5	100.00m
235,665	5	120.00m
236,613	6	120.00m
236,476	6	140.00m
237,178	7	140.00m
237,066	7	160.00m
237,801	8	160.00m
237,503	8	180.00m
238,076	9	180.00m
237,940	9	200.00m
238,503	10	200.00m
238,377	10	220.00m
238,929	11	220.00m
238,814	11	240.00m
239,263	12	240.00m
239,382	12	246.00m

PERFIL RUA MANOEL



PIV=EST.12+6,000



ESIDENTE MÉDICI

TARIA  
RAS

RUA CARLOS CHAGAS

RUA PRINCESA ISABEL

RUA CARADJURU

RUA MARQUÊS DE POMBAL

RUA AUGUSTO GONÇALVES DE SOUZA

RUA WYSON MAMEDES LEÃO

Rua Antônio Maria

RUA 07

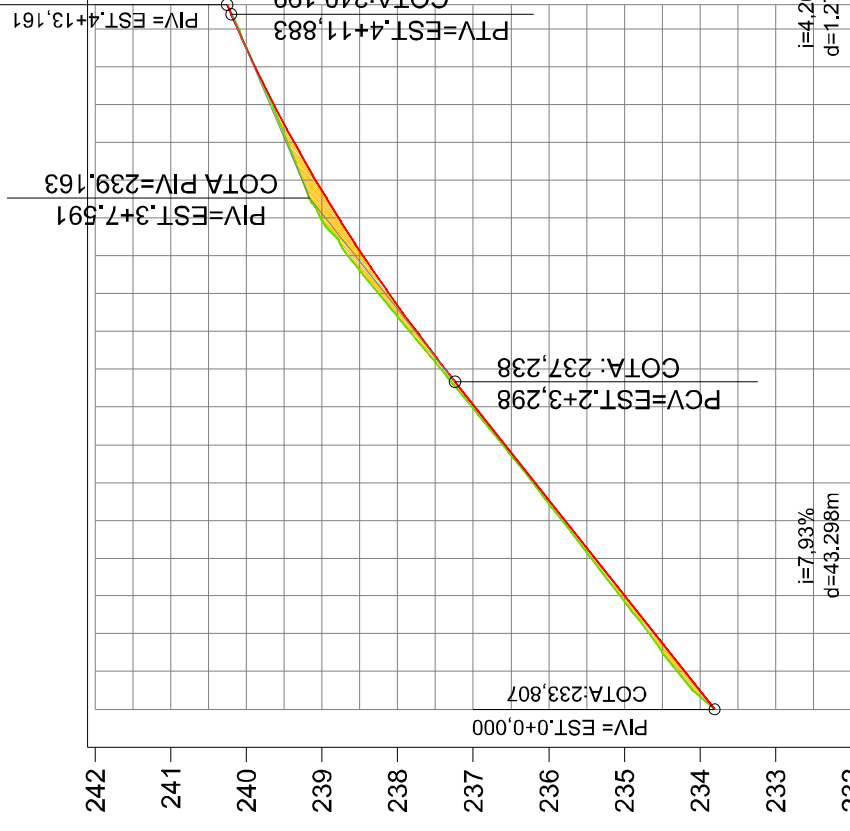
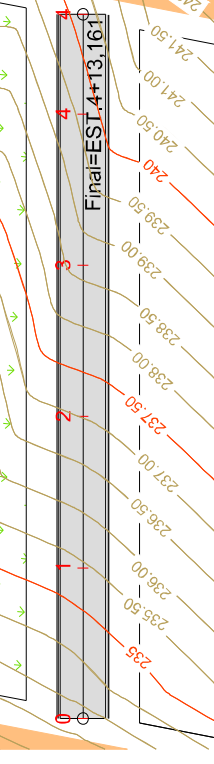
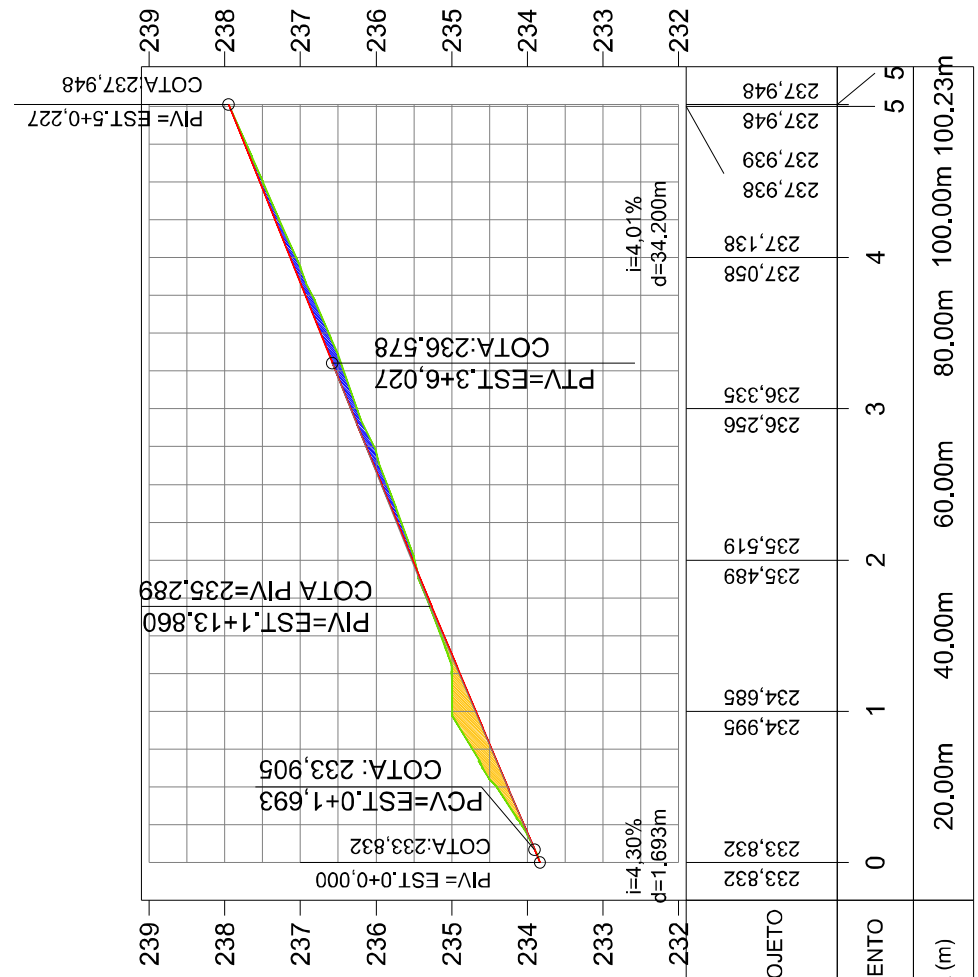
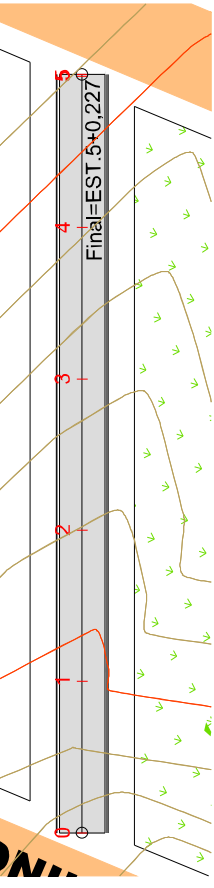
RUA 09

RUA CAFÉ FILHO

ALMIRANTE BARROSO

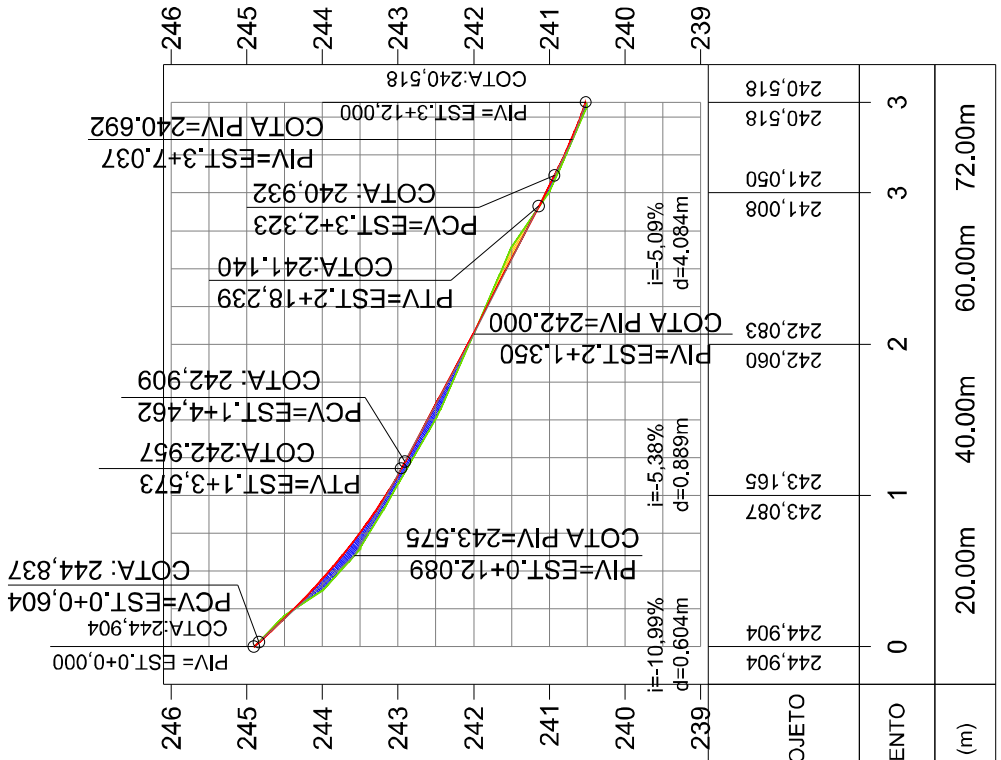
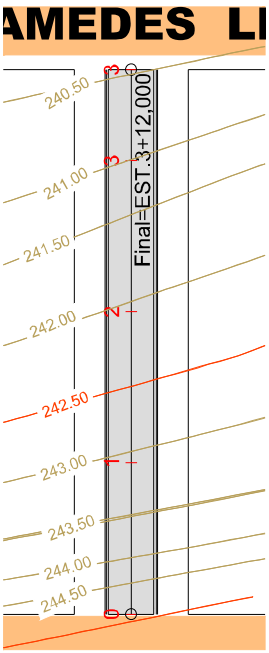
RUA CERIL

BAIRRO JO. PRIMAVERA



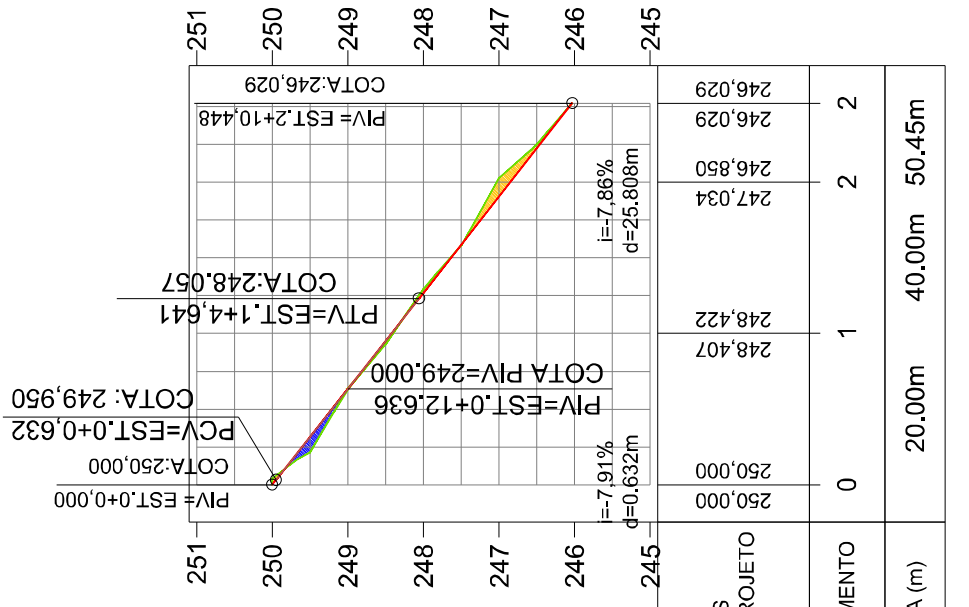
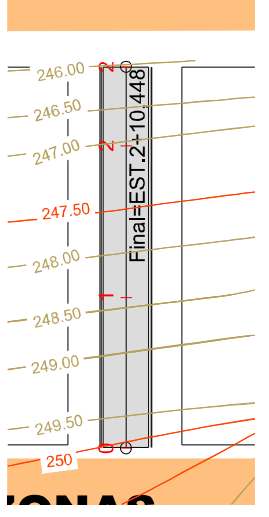
PERFIL RUA 09





COTAS TERRENO/PROJETO	244,904	243,087	242,083	241,008	240,518	240,518
ESTAQUEAMENTO	0	1	2	3	3	3
DISTÂNCIA (m)	20,00m	40,00m	60,00m	72,00m	72,00m	72,00m

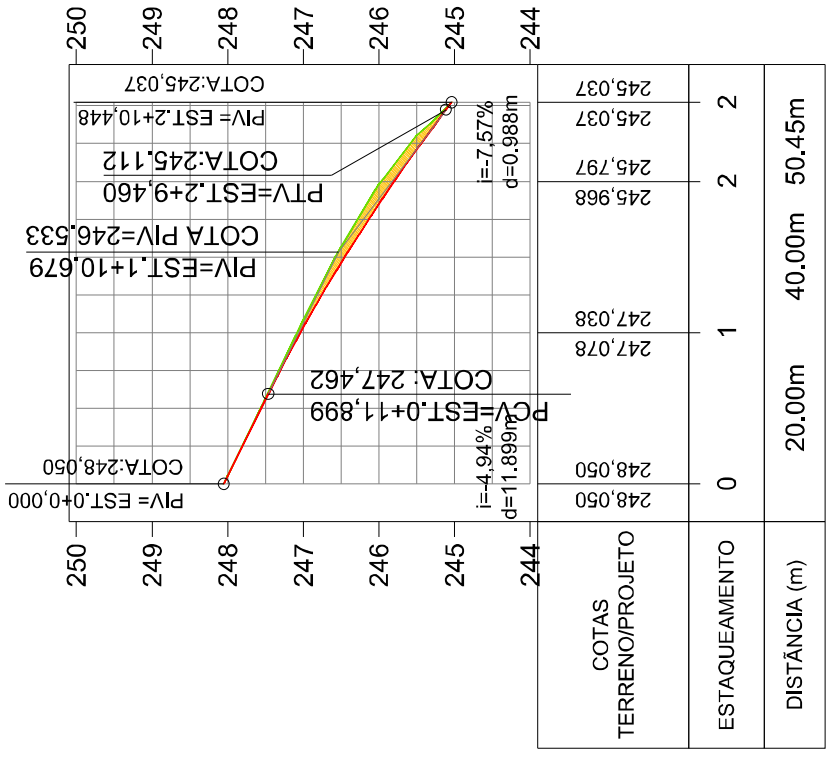
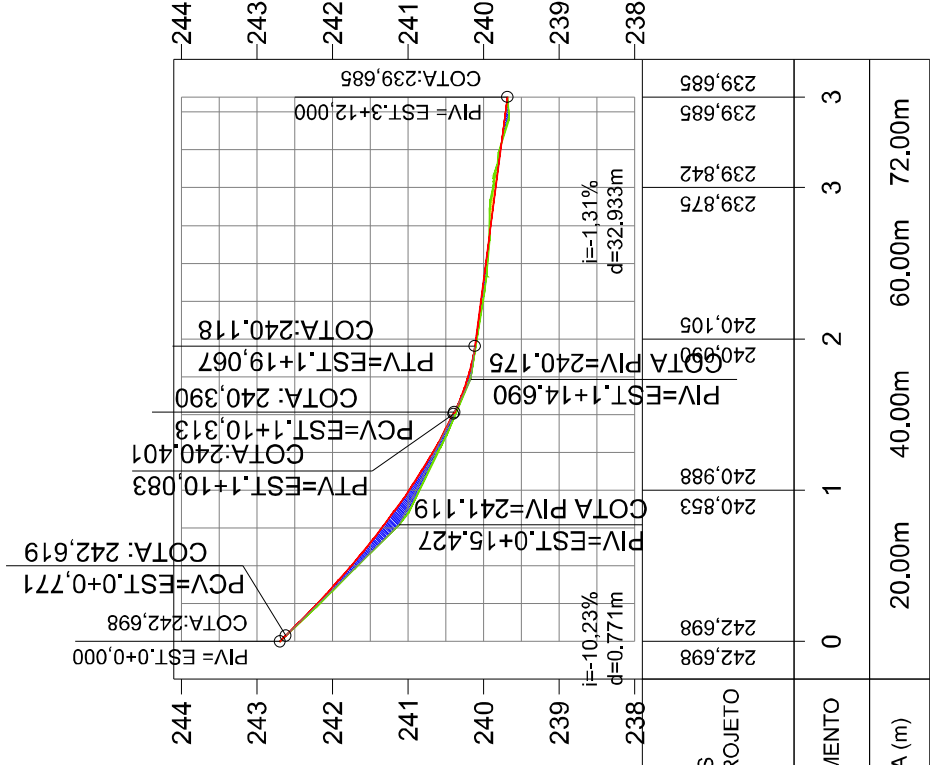
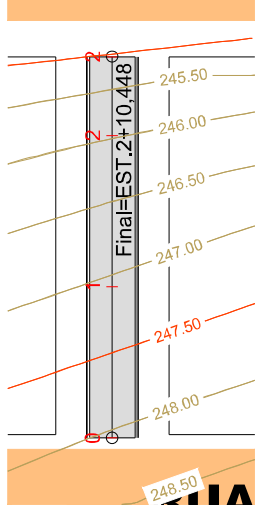
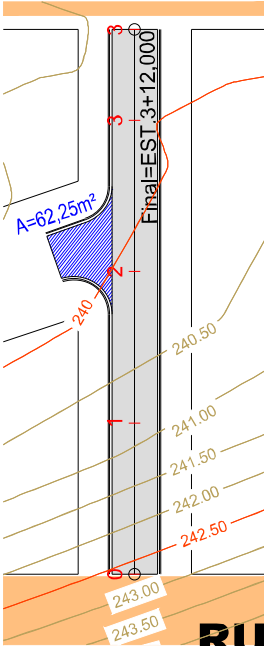
PERFIL RUA PRINCESA ISABEL - TRECHO 01



COTAS TERRENO/PROJETO	250,000	248,407	247,034	246,029
ESTAQUEAMENTO	0	1	2	2
DISTÂNCIA (m)	20,00m	40,00m	50,45m	50,45m

PERFIL RUA PRINCESA ISABEL - TRECHO 02





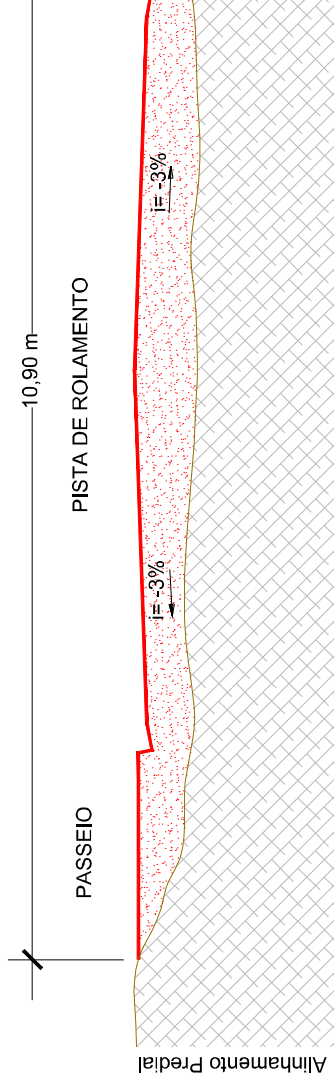
PERFIL RUA CARLOS CHAGAS - TRECHO 01

PERFIL RUA CARLOS CHAGAS 2





### SEÇÃO TIPO EM ATERRO

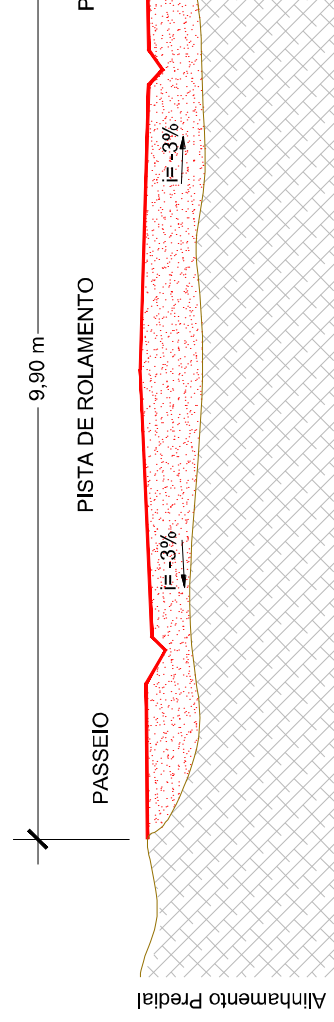


do sub-leito = 0,2275m

Altura média do corte do sub-leito = 0,2275m

RUJAS BAIRRO JD. PRIMAVERA

### SEÇÃO TIPO EM ATERRO



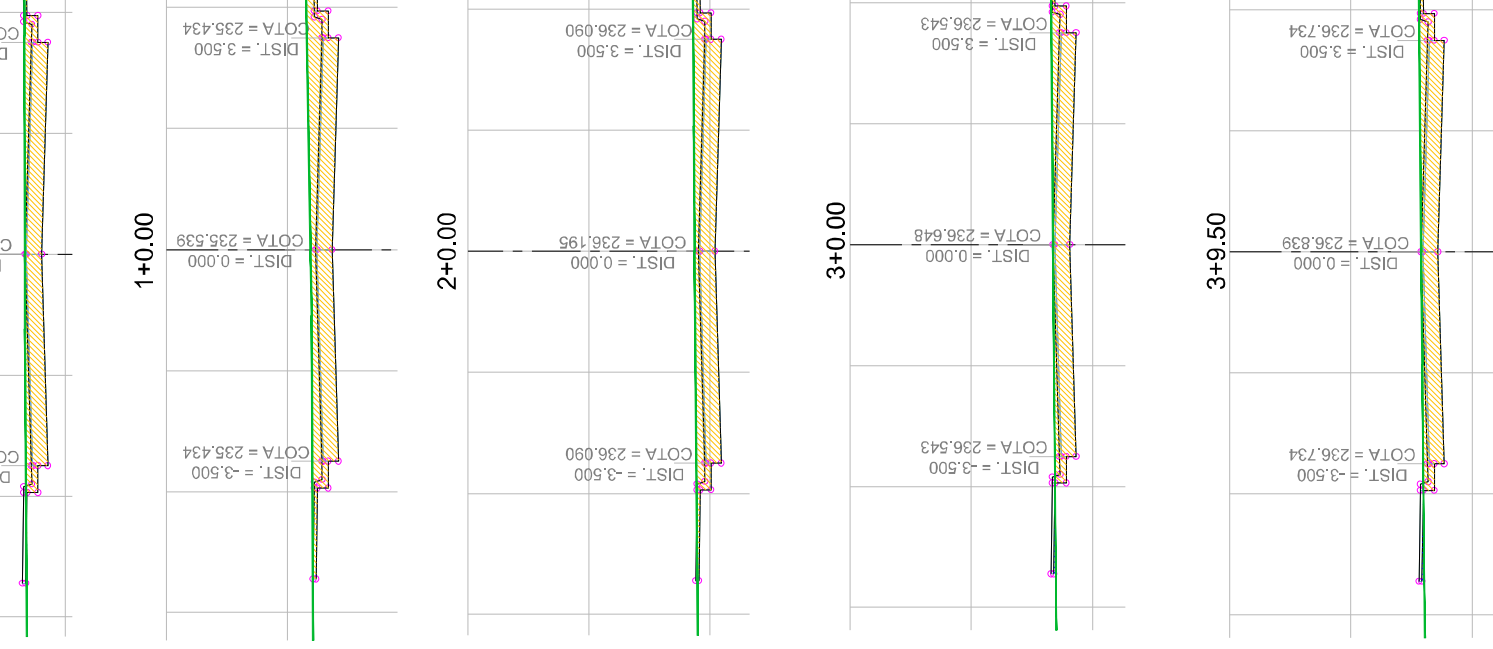
Altura média do corte do sub-leito = 0,2275m

do corte do sub-leito = 0,2275m



COTAS TERRENO/PROJETO	234,671	235,621	236,251	236,651	236,839	236,839
ESTAQUEAMENTO	0	1	2	3	3	3
DISTÂNCIA (m)	20,00m	40,00m	60,00m	69,50m		

PERFIL RUA C

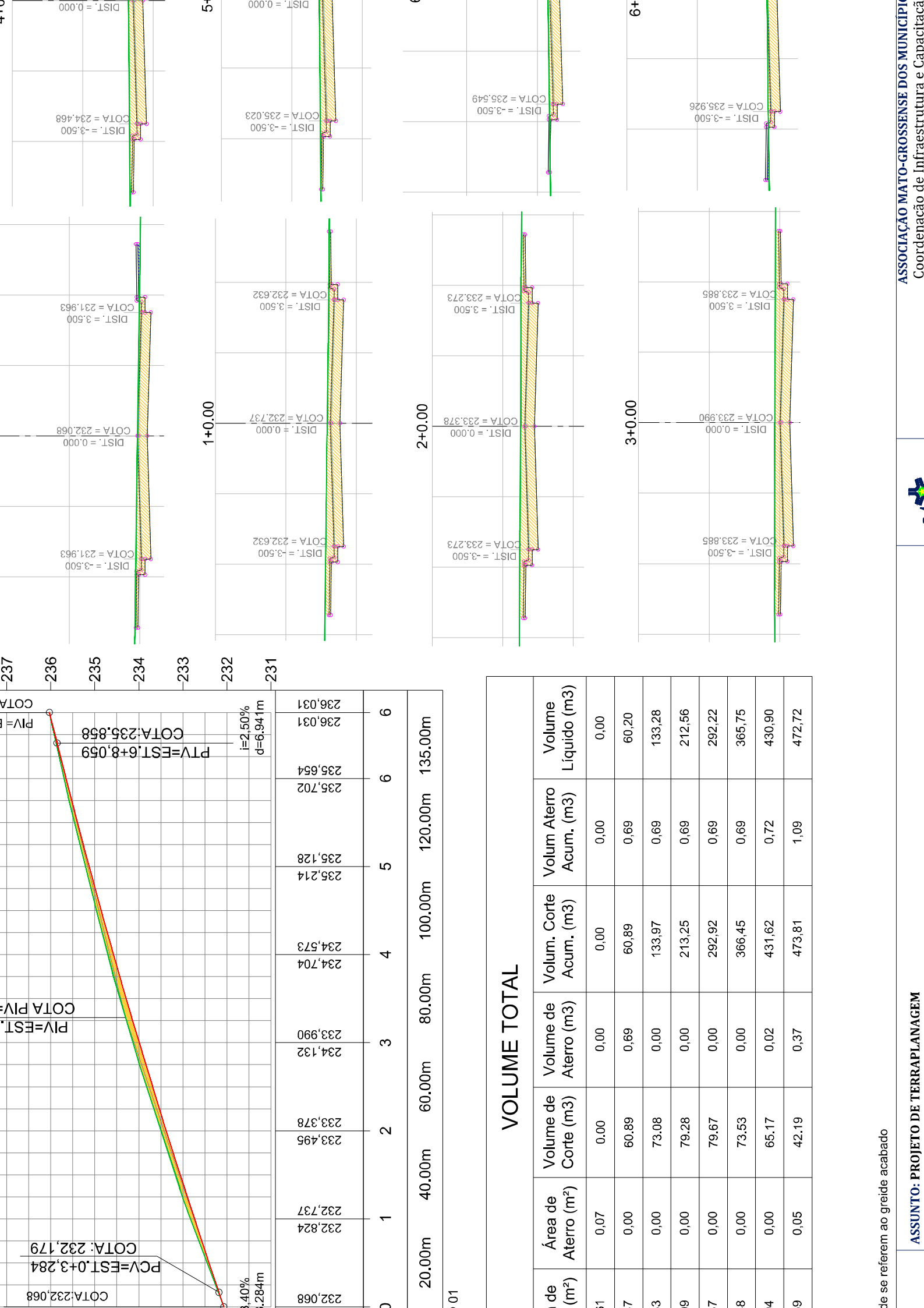


### VOLUME TOTAL

Área de Corte (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Volume de Aterro Acum. (m³)	Volume de Corte Acum. (m³)	Volume Aterro Acum. (m³)	Volume Líquido (m³)
2,53	0,00	0,00	0,00	0,00	0,00	0,00
3,54	60,70	0,04	0,04	60,70	0,04	60,66
3,15	66,93	0,00	0,00	127,63	0,04	127,59
2,60	57,46	0,21	0,21	185,09	0,26	184,83
2,57	24,56	0,23	0,23	209,65	0,49	209,16

De se referem ao greide acabado

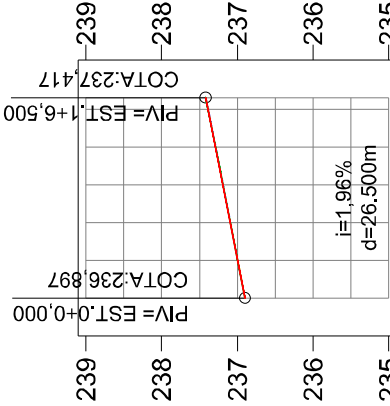




De se referem ao greide acabado





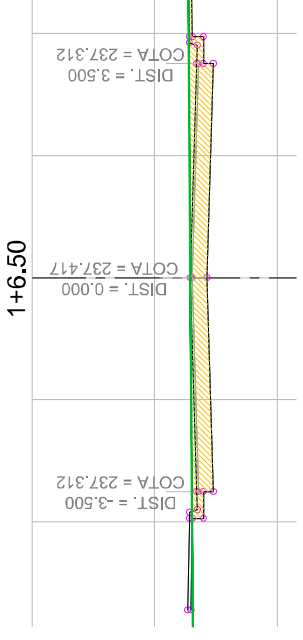
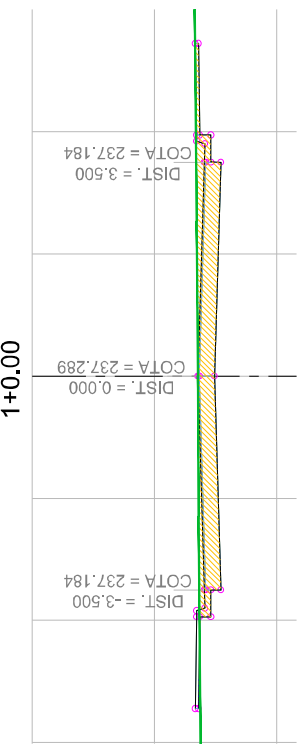
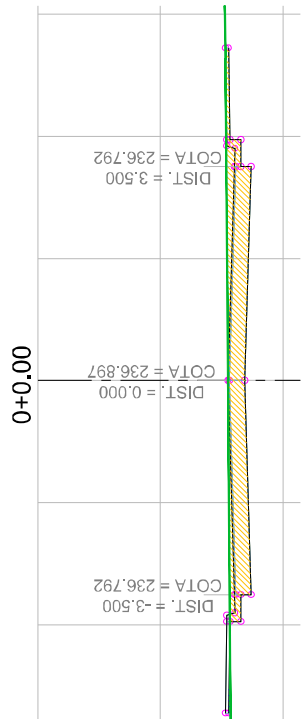


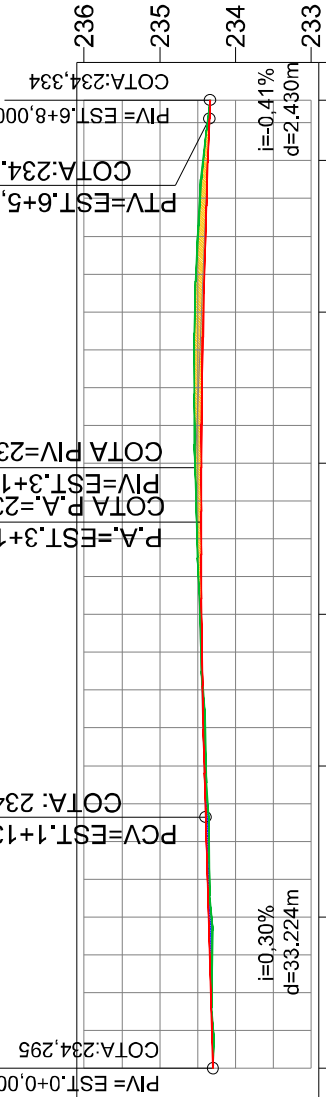
COTAS TERRENO/PROJETO	236,897	237,289	237,289	237,417	237,417
ESTAQUEAMENTO	0	1	1	1	1
DISTÂNCIA (m)	20,00m	20,00m	26,50m	26,50m	26,50m

PERFIL RUA E

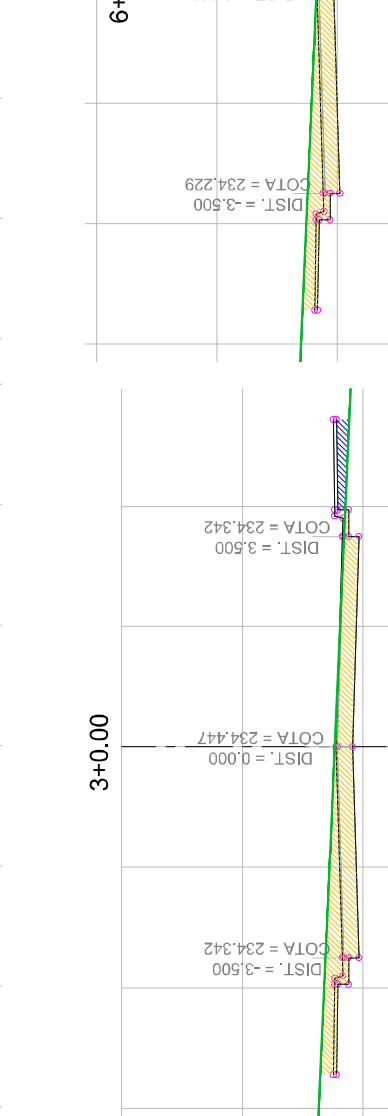
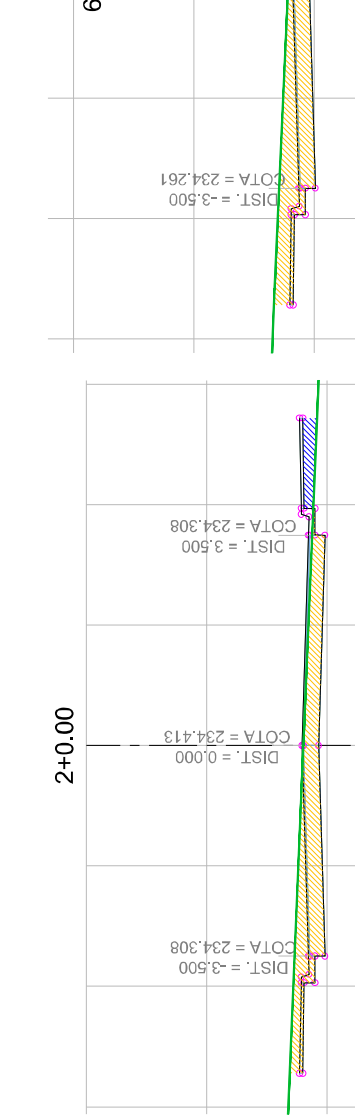
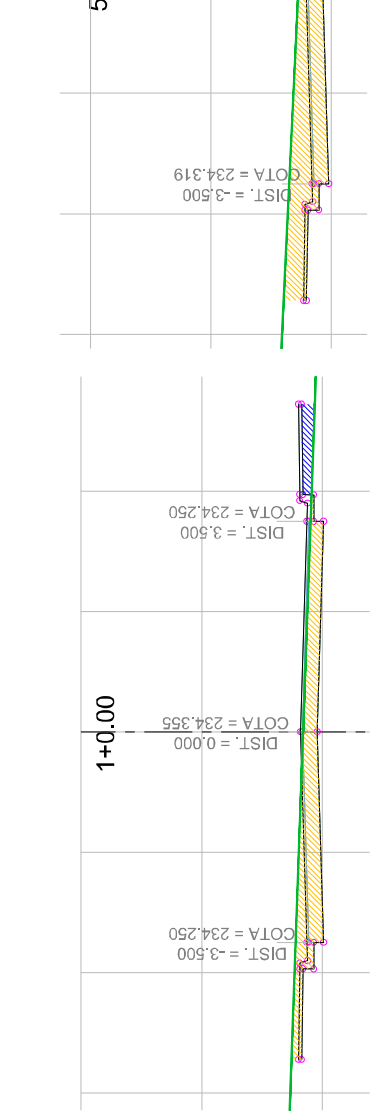
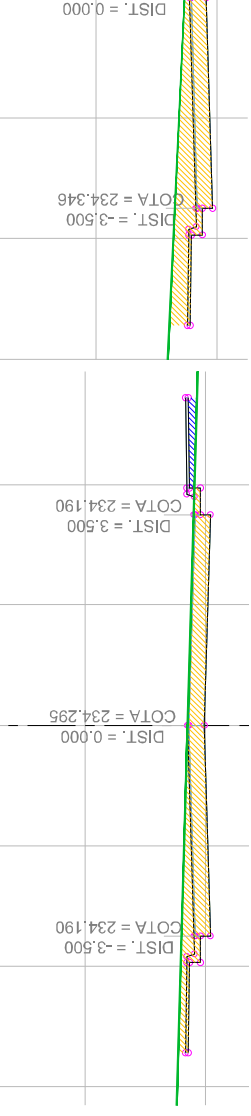
### VOLUME TOTAL

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volum. Corte (m³)	Volum. Aterro (m³)	Volum. Corte Acum. (m³)	Volum. Aterro Acum. (m³)
0+0,00	2,57	0,02	0,00	0,00	0,00	0,00
1+0,00	2,57	0,02	51,38	0,41	51,38	0,41
1+6,50	2,57	0,02	16,69	0,13	68,07	0,54

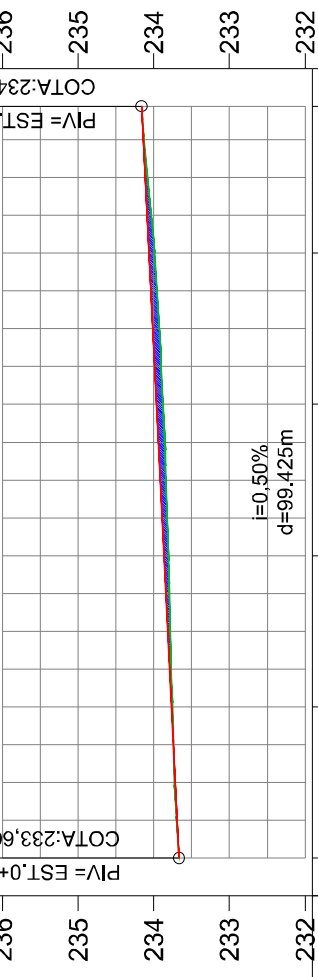




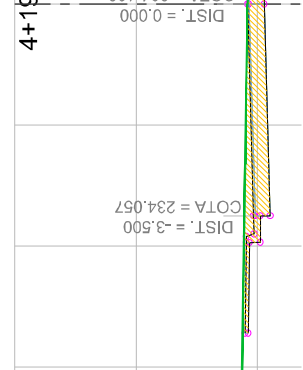
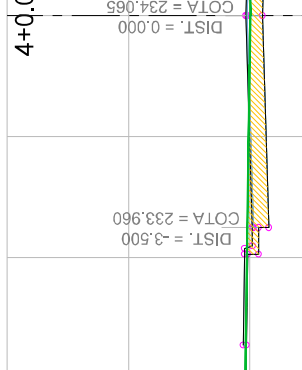
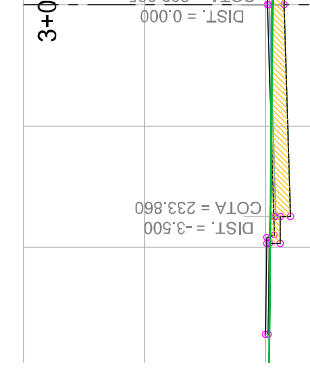
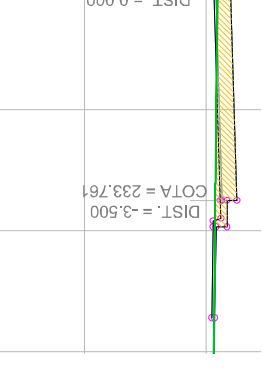
Estação	20.00m	40.00m	60.00m	80.00m	100.00m	120.00m	128.00m
0	234,295	234,317	234,392	234,464	234,533	234,536	234,334
1	234,355						
2		234,413					
3			234,447				
4				234,533			
5					234,536		
6						234,427	234,334



VOLUME TOTAL						
Estação	Área de Aterro (m²)	Volum. de Corte (m³)	Volum. de Aterro (m³)	Volum. Corte Acum. (m³)	Volum. Aterro Acum. (m³)	Volum. Líquido (m³)
0	0,17	0,00	0,00	0,00	0,00	0,00
1	0,27	51,28	4,45	51,28	4,45	46,82
2	0,29	50,17	5,65	101,45	10,11	91,34
3	0,25	56,03	5,47	157,48	15,57	141,90
4	0,17	66,08	4,28	223,56	19,85	203,71
5	0,13	75,25	3,06	298,80	22,92	275,89
6	0,19	73,16	3,28	371,96	26,20	345,76
TOTAL	0,28	24,92	1,92	396,88	28,11	368,76



ESTACIONAMENTO	0	1	2	3	4
COTA (m)	233,666	233,750	233,808	233,878	234,162
ALARGAMENTO (m)	20,00m	40,00m	60,00m	80,00m	99,42m

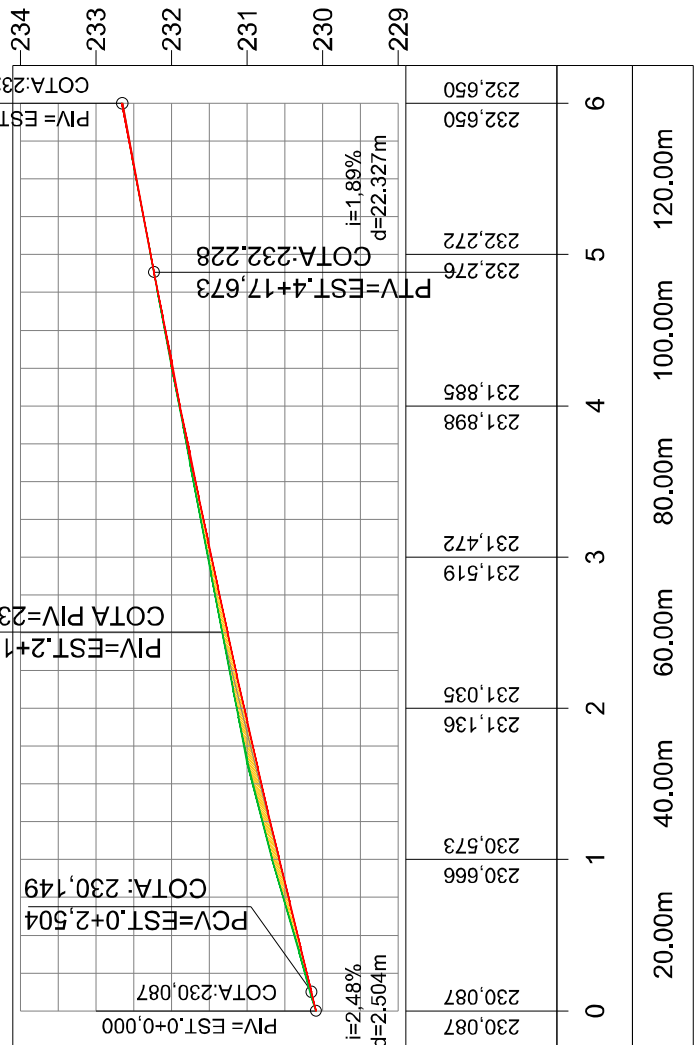


### VOLUME TOTAL

Est.	Área de Aterro (m <sup>2</sup> )	Volum. Corte (m <sup>3</sup> )	Volum. de Aterro (m <sup>3</sup> )	Volum. Corte Acum. (m <sup>3</sup> )	Volum. Aterro Acum. (m <sup>3</sup> )	Volum. Líquido (m <sup>3</sup> )
0	0,04	0,00	0,00	0,00	0,00	0,00
1	0,07	50,70	1,10	50,70	1,10	49,60
2	0,13	45,04	1,95	95,74	3,05	92,69
3	0,19	38,49	3,21	134,24	6,26	127,98
4	0,16	37,25	3,55	171,49	9,81	161,68
TOTAL	0,06	44,15	2,20	215,64	12,01	203,63

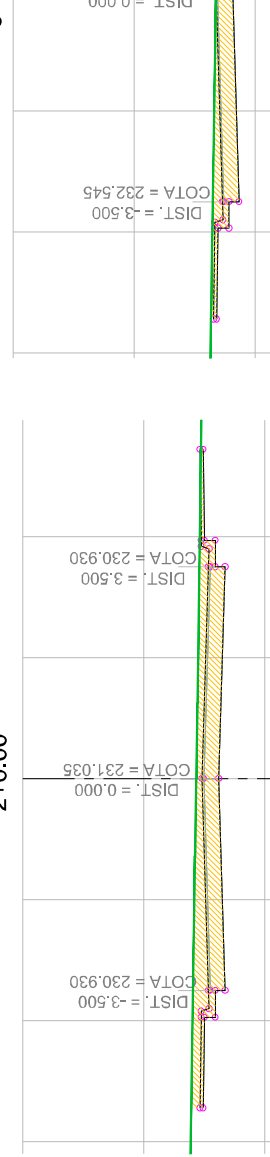
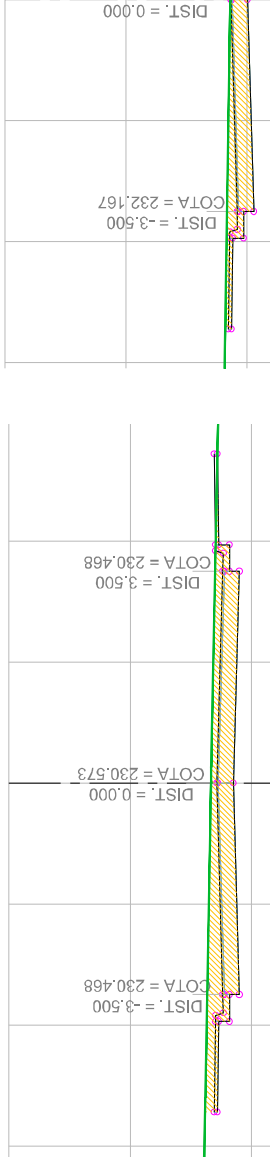
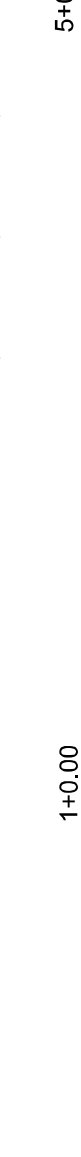
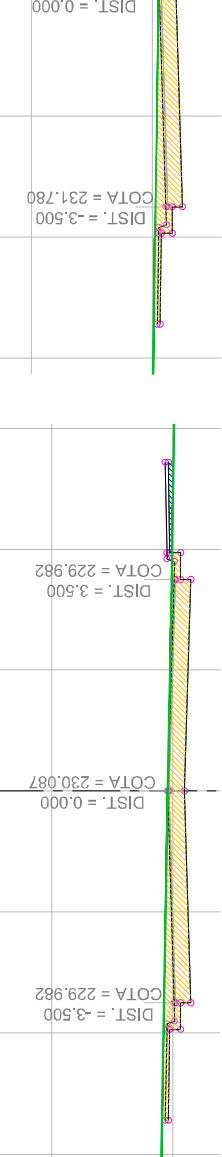
De se referem ao greide acabado





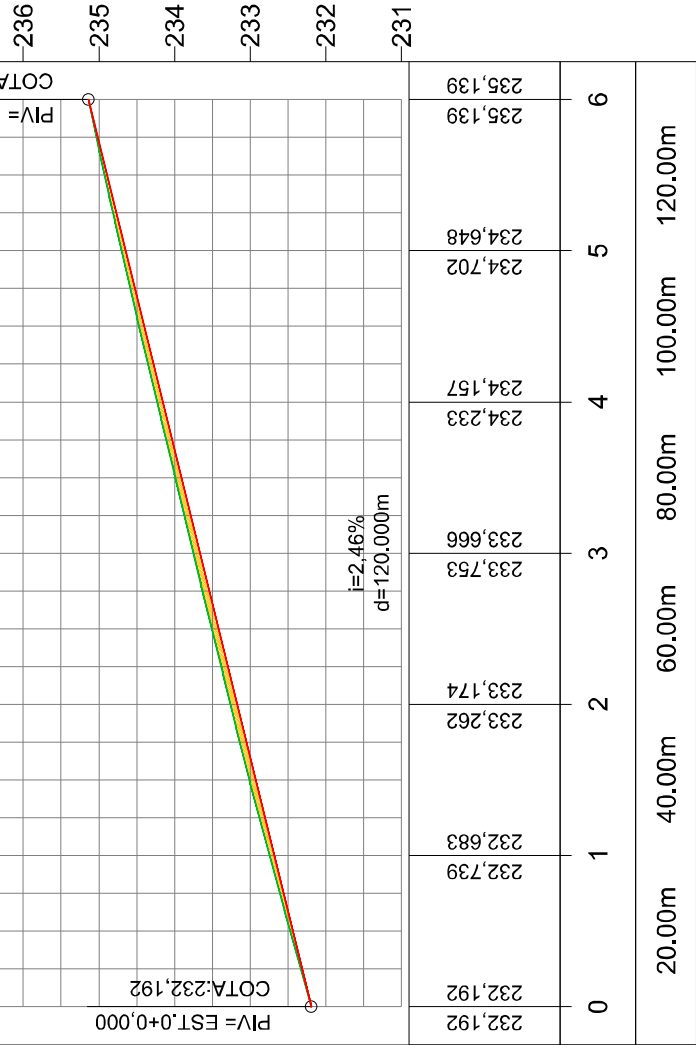
### VOLUME TOTAL

Estação (m)	Área de Aterro (m²)	Volum. Corte (m³)	Volum. de Aterro (m³)	Volum. Corte Acum. (m³)	Volum. Aterro Acum. (m³)	Volum. Líquido (m³)
0	0,09	0,00	0,00	0,00	0,00	0,00
1	0,00	61,64	0,93	61,64	0,93	60,71
2	0,00	71,65	0,00	133,29	0,93	132,36
3	0,01	67,13	0,10	200,42	1,04	199,38
4	0,05	58,16	0,62	258,58	1,65	256,93
5	0,07	54,10	1,18	312,68	2,84	309,84
6	0,07	52,87	1,41	365,55	4,25	361,30



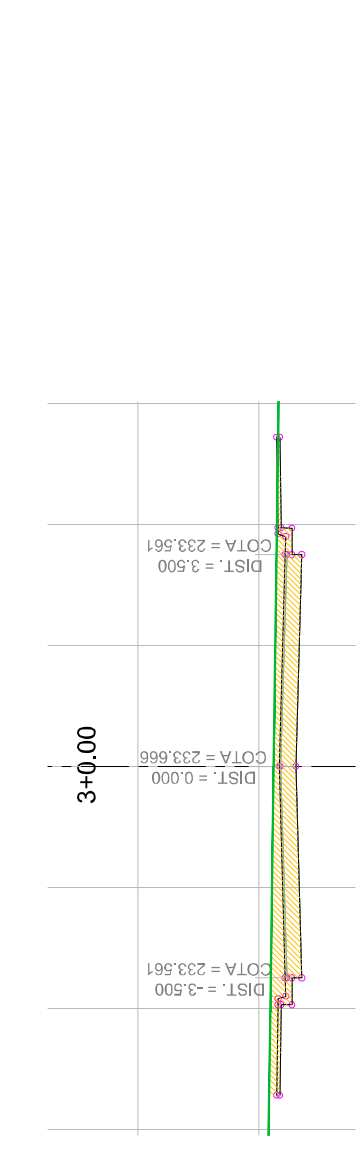
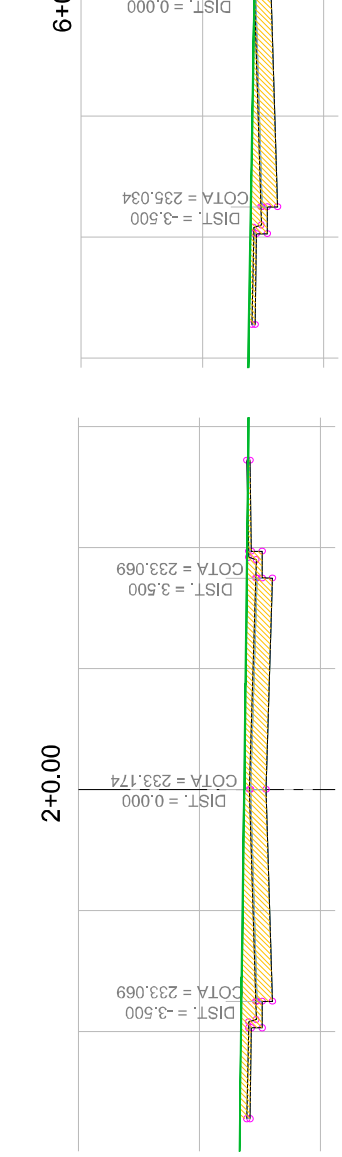
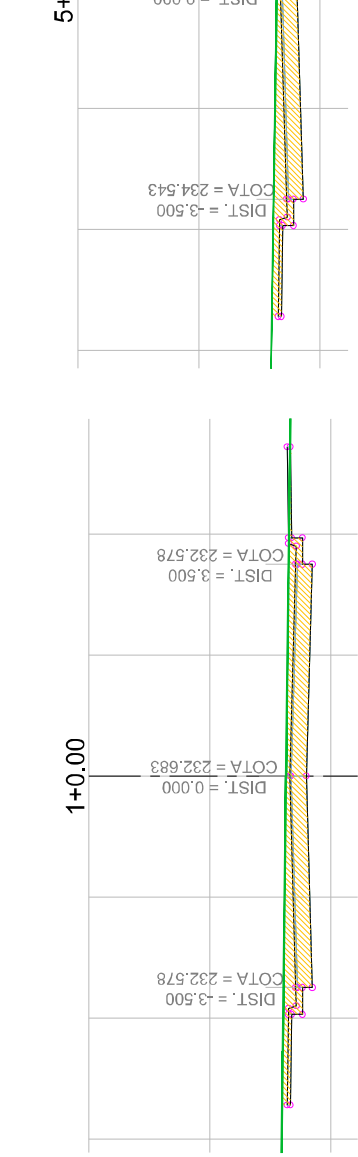
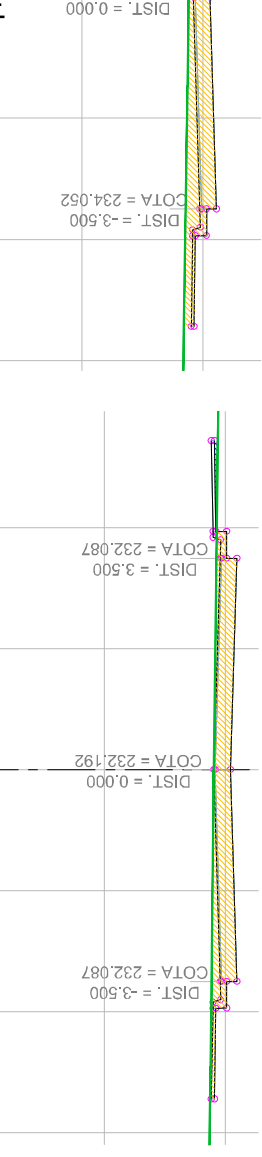
De se referem ao greide acabado

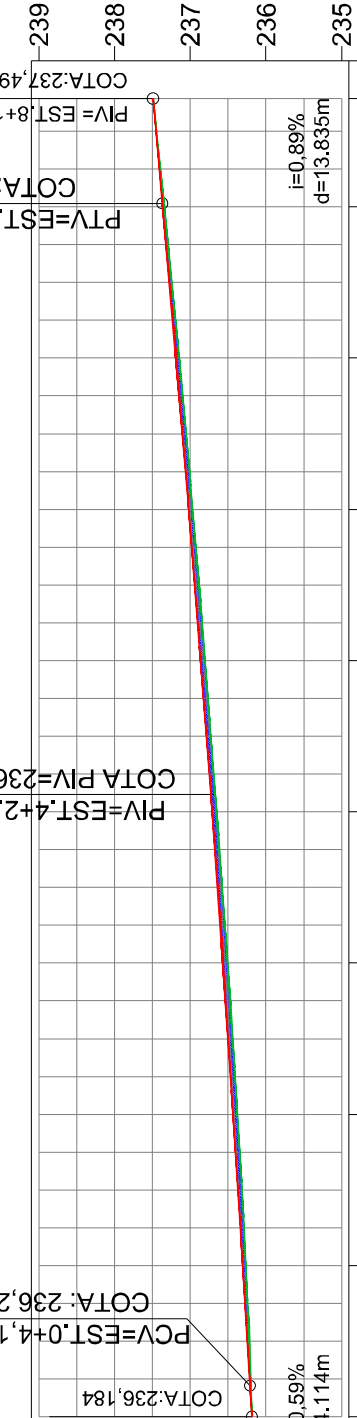




### VOLUME TOTAL

Distância (m)	Área de Aterro (m <sup>2</sup> )	Volume de Corte (m <sup>3</sup> )	Volume de Aterro (m <sup>3</sup> )	Volum. Corte Acum. (m <sup>3</sup> )	Volum Aterro Acum. (m <sup>3</sup> )	Volume Líquido (m <sup>3</sup> )
0	0,05	0,00	0,00	0,00	0,00	0,00
20.00	0,00	57,54	0,49	57,54	0,49	57,05
40.00	0,00	66,62	0,00	124,16	0,50	123,67
60.00	0,00	70,03	0,00	194,20	0,50	193,70
80.00	0,00	68,66	0,00	262,86	0,50	262,37
100.00	0,01	65,19	0,09	328,05	0,58	327,47
120.00	0,08	57,84	0,94	385,89	1,52	384,37



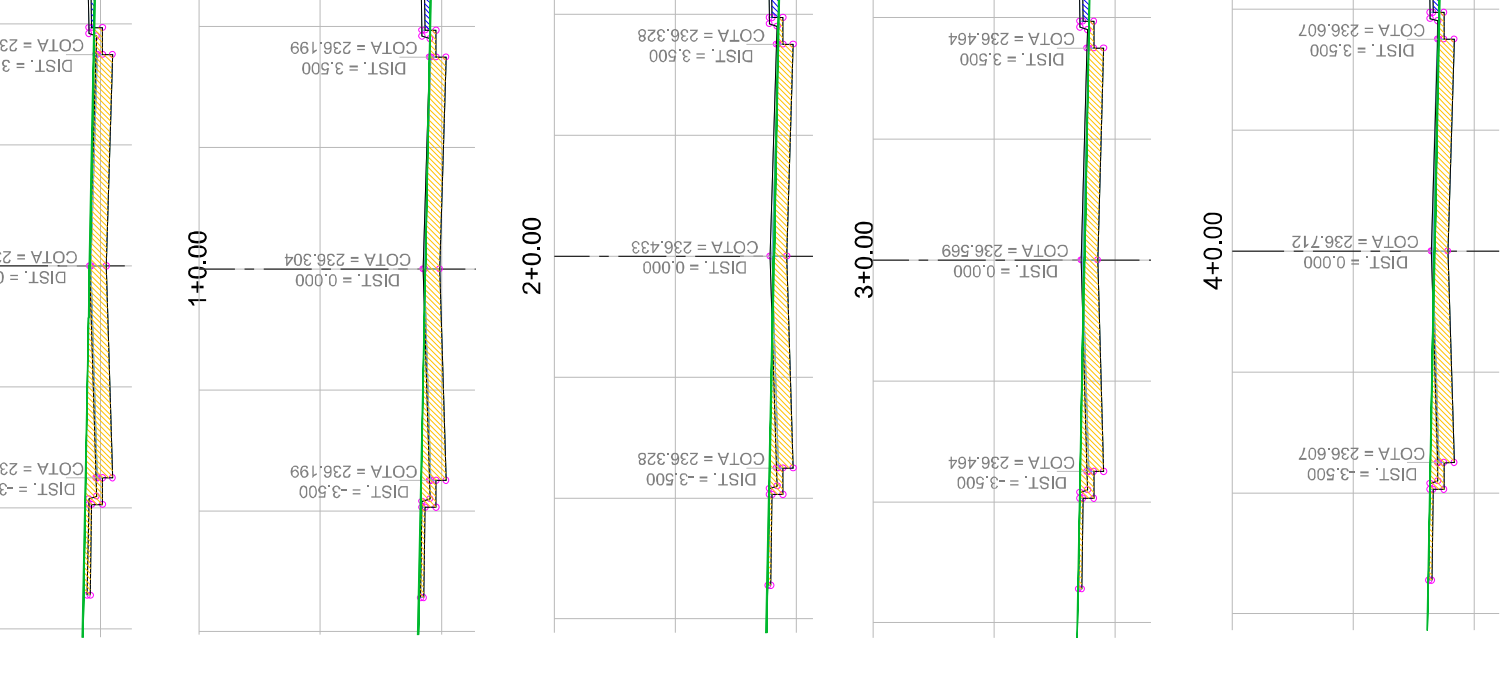


EST	COTA	EST	COTA	EST	COTA	EST	COTA	EST	COTA
0	236,184	1	236,304	2	236,375	3	236,509	4	236,653
1	236,266	2	236,433	3	236,569	4	236,712	5	236,806
2	236,304	3	236,375	4	236,509	5	236,653	6	236,969
3	236,509	4	236,653	5	236,806	6	237,023	7	237,146
4	236,653	5	236,806	6	237,023	7	237,146	8	237,492
5	236,806	6	237,023	7	237,146	8	237,492		

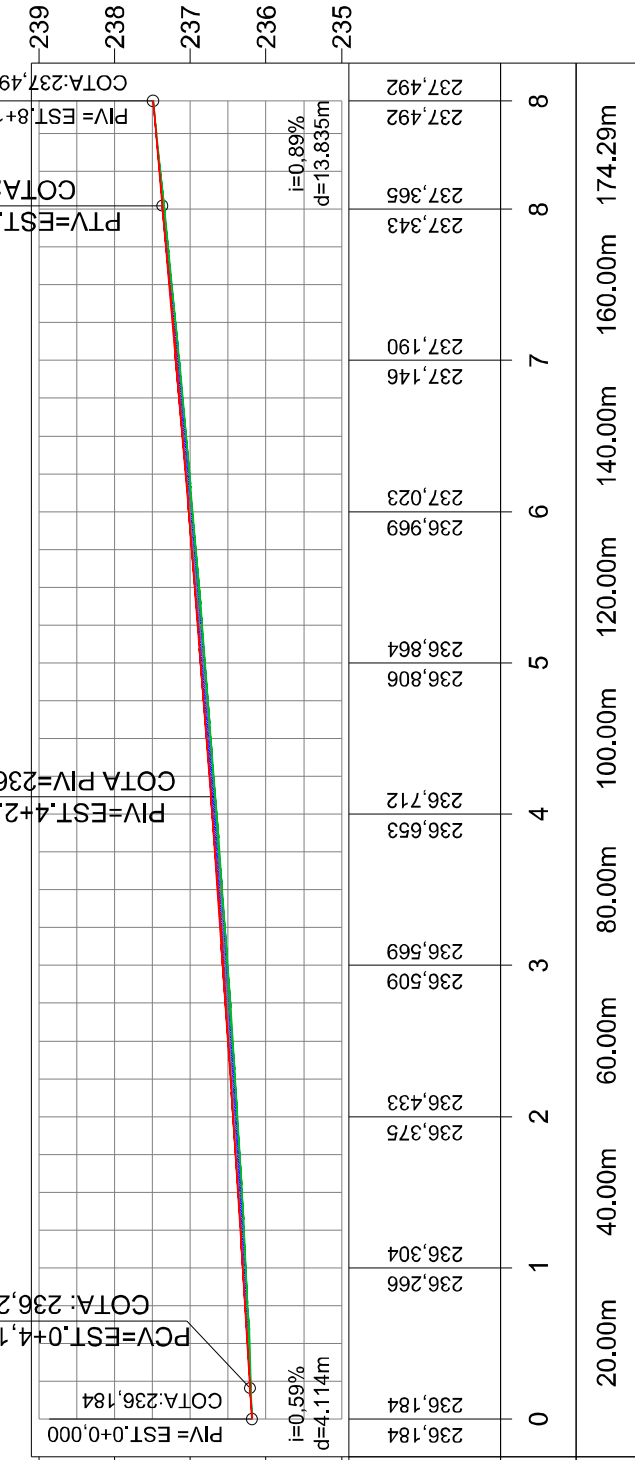
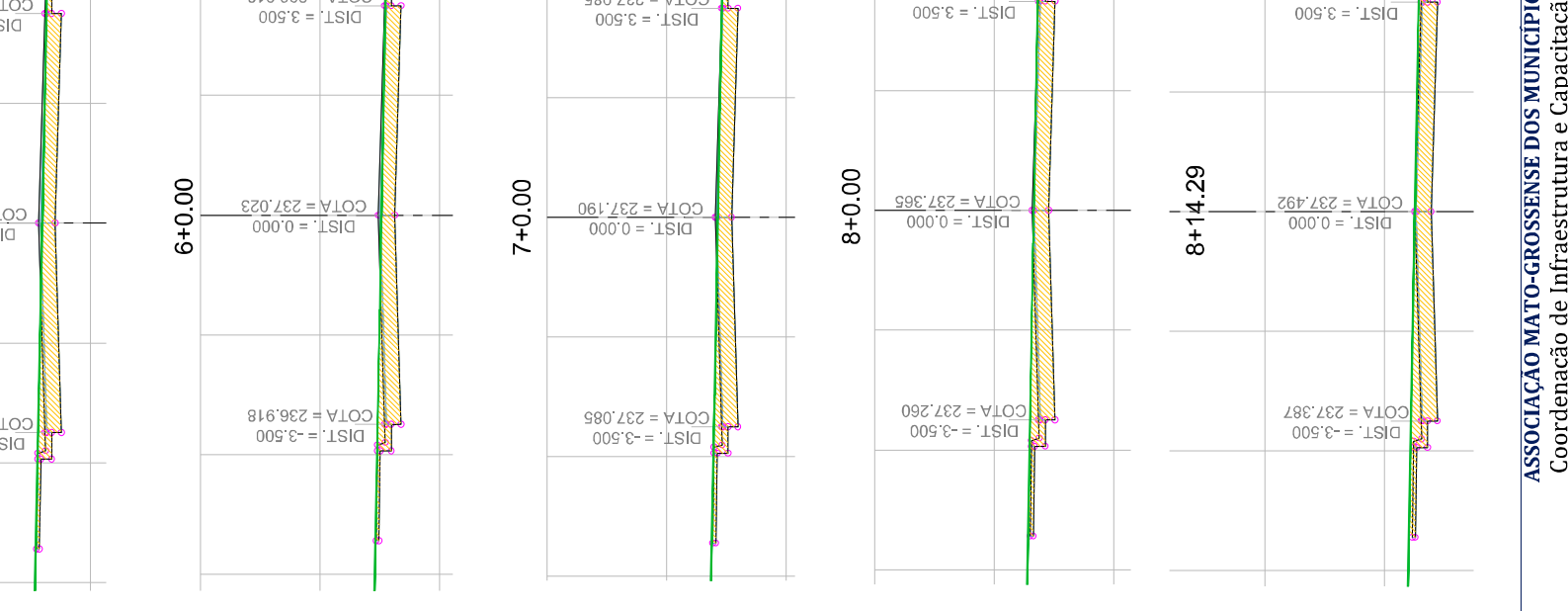
01

### VOLUME TOTAL

Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Volum. Corte Acum. (m³)	Volum. Aterro Acum. (m³)	Volume Líquido (m³)
2,64	0,10	0,00	0,00	0,00	0,00	0,00
2,29	0,16	49,34	2,62	49,34	2,62	46,72
2,12	0,19	44,08	3,52	93,42	6,14	87,28
2,09	0,20	42,08	3,87	135,50	10,01	125,49
2,10	0,19	41,90	3,90	177,40	13,91	163,49
2,11	0,19	42,11	3,85	219,51	17,76	201,75
2,15	0,18	42,60	3,75	262,11	21,51	240,60
2,23	0,16	43,79	3,47	305,90	24,98	280,92
2,45	0,13	46,78	2,92	352,69	27,90	324,78
2,64	0,10	36,38	1,60	389,06	29,50	359,56



De se referem ao greide acabado



HO 01

### VOLUME TOTAL

Estaca	Área de Corte (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Volume de Corte Acum. (m³)	Volum. Corte Acum. (m³)	Volume de Aterro Acum. (m³)	Volume Líquido (m³)
0+0,00	2,64	0,10	0,00	0,00	0,00	0,00	0,00
1+0,00	2,29	0,16	49,34	2,62	49,34	2,62	46,72
2+0,00	2,12	0,19	44,08	3,52	93,42	6,14	87,28
3+0,00	2,09	0,20	42,08	3,87	135,50	10,01	125,49
4+0,00	2,10	0,19	41,90	3,90	177,40	13,91	163,49
5+0,00	2,11	0,19	42,11	3,85	219,51	17,76	201,75
6+0,00	2,15	0,18	42,60	3,75	262,11	21,51	240,60
7+0,00	2,23	0,16	43,79	3,47	305,90	24,98	280,92
8+0,00	2,45	0,13	46,78	2,92	352,69	27,90	324,78
8+14,29	2,64	0,10	36,38	1,60	389,06	29,50	359,56

De se referem ao greide acabado



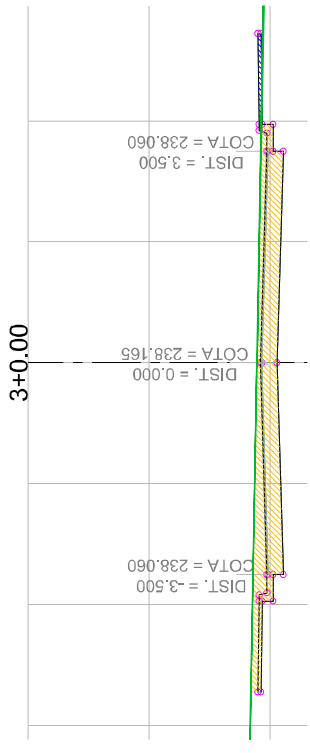
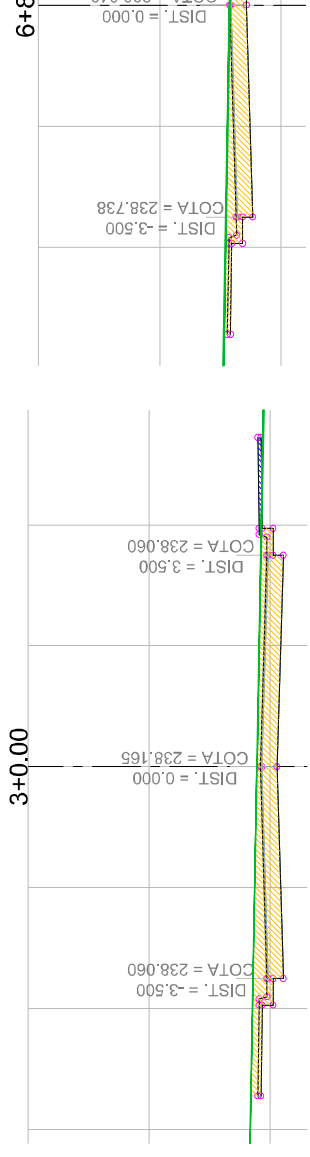
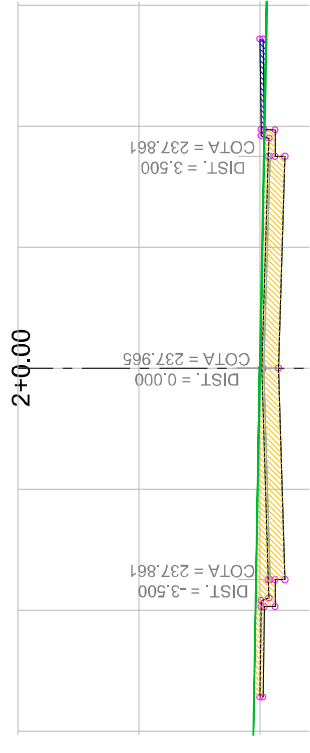
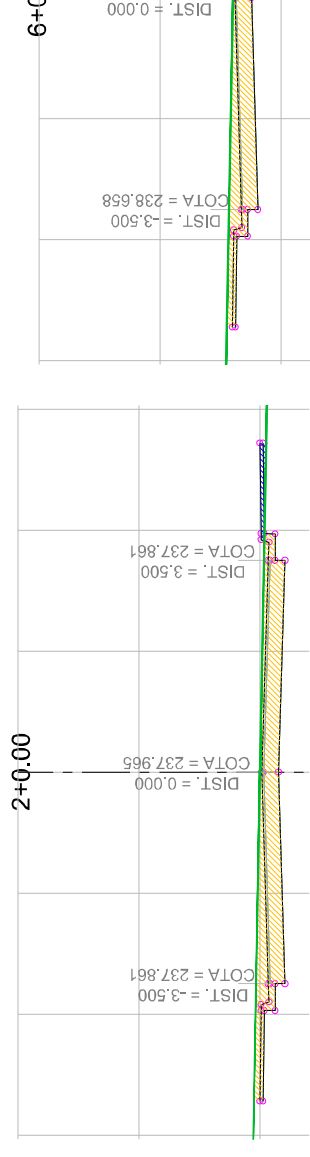
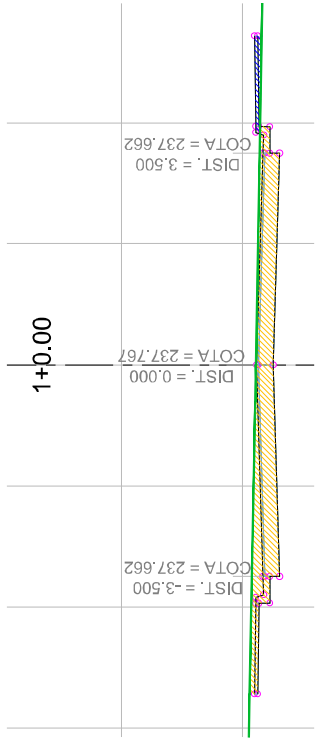
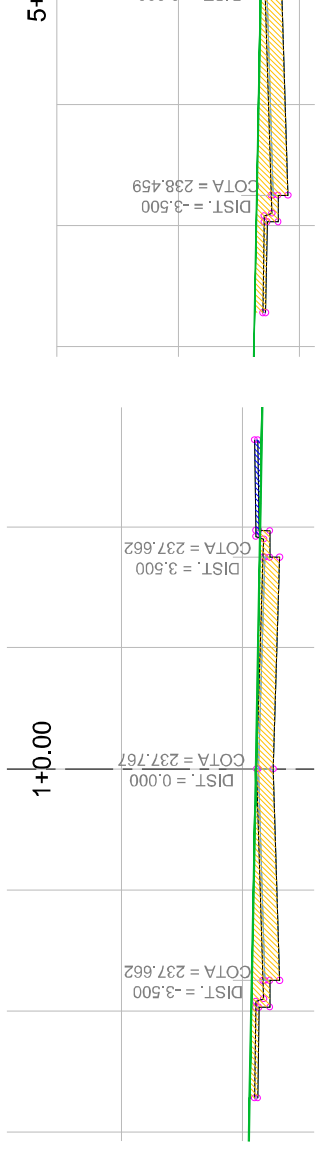
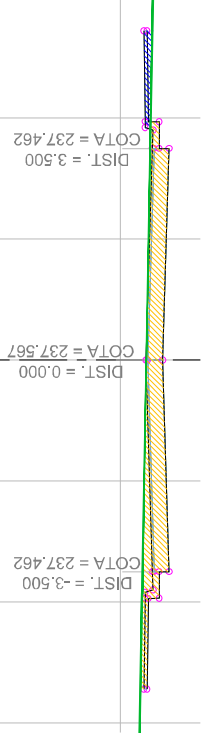
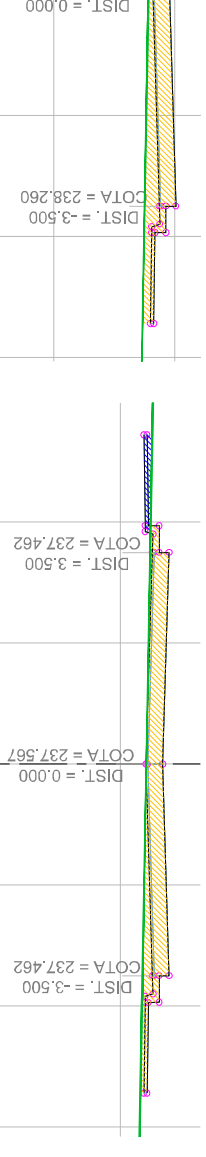


Estação	0	1	2	3	4	5	6
COT	237,567	237,783	237,966	238,220	238,437	238,636	238,843
20.00m							
40.00m							
60.00m							
80.00m							
100.00m							
120.00m							
128.00m							

O 02

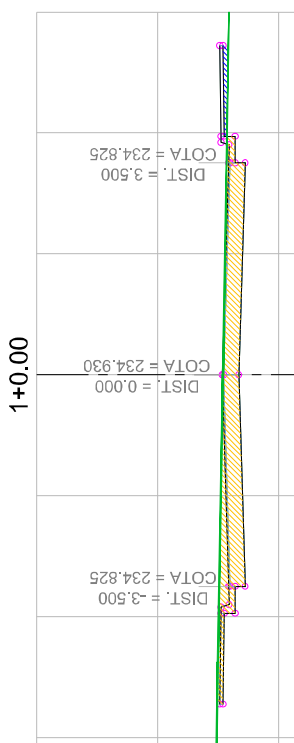
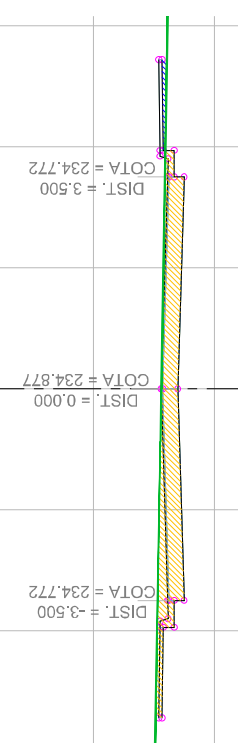
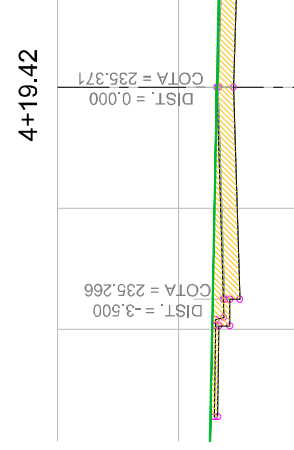
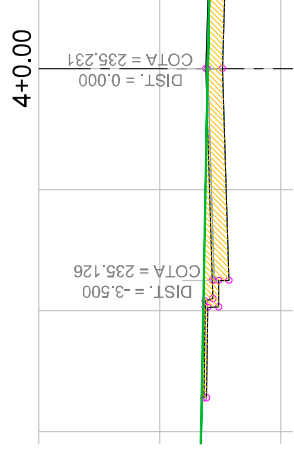
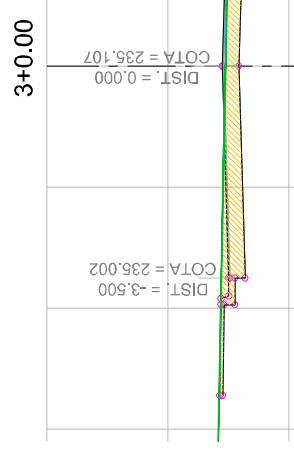
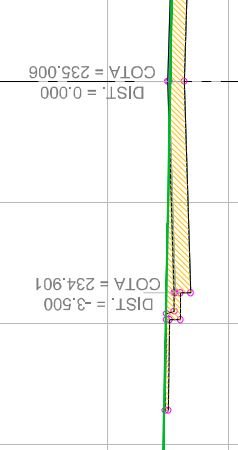
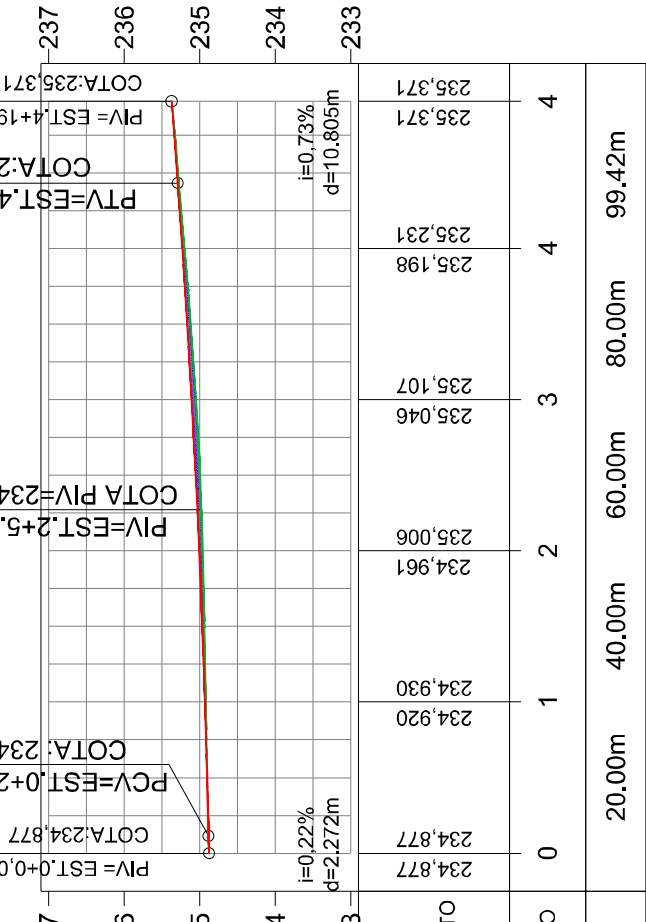
### VOLUME TOTAL

Estação	0	1	2	3	4	5	6
Área de Aterro (m <sup>2</sup> )	0,18	0,15	0,13	0,09	0,06	0,07	0,13
Volume de Corte (m <sup>3</sup> )	0,00	54,43	57,67	61,33	65,10	66,80	62,72
Volume de Aterro (m <sup>3</sup> )	0,00	3,35	2,79	2,18	1,57	1,32	1,95
Volum. Corte Acum. (m <sup>3</sup> )	0,00	54,43	112,10	173,43	238,53	305,33	368,05
Volum Aterro Acum. (m <sup>3</sup> )	0,00	3,35	6,15	8,33	9,90	11,22	13,17
Volume Líquido (m <sup>3</sup> )	0,00	51,08	105,95	165,10	228,63	294,11	354,88
							375,97



De se referem ao greide acabado



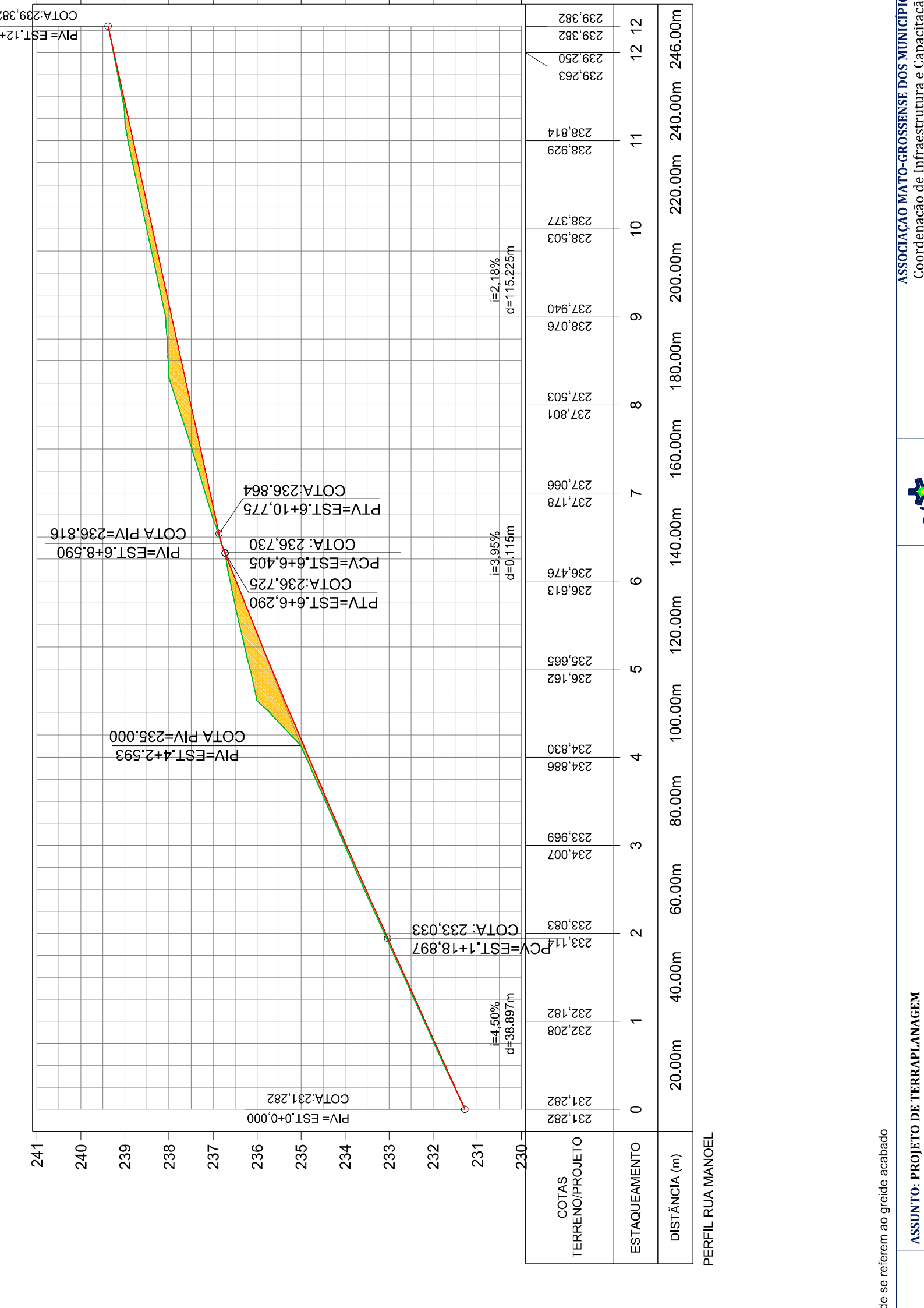


### VOLUME TOTAL

de (m²)	Área de Aterro (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Volum. Corte Acum. (m³)	Volum Aterro Acum. (m³)	Volume Líquido (m³)
4	0,09	0,00	0,00	0,00	0,00	0,00
4	0,10	51,84	1,88	51,84	1,88	49,96
3	0,15	47,67	2,49	99,51	4,37	95,14
0	0,18	43,26	3,31	142,77	7,68	135,09
5	0,15	44,44	3,34	187,21	11,02	176,19
5	0,10	48,52	2,46	235,73	13,48	222,26

De se referem ao greide acabado





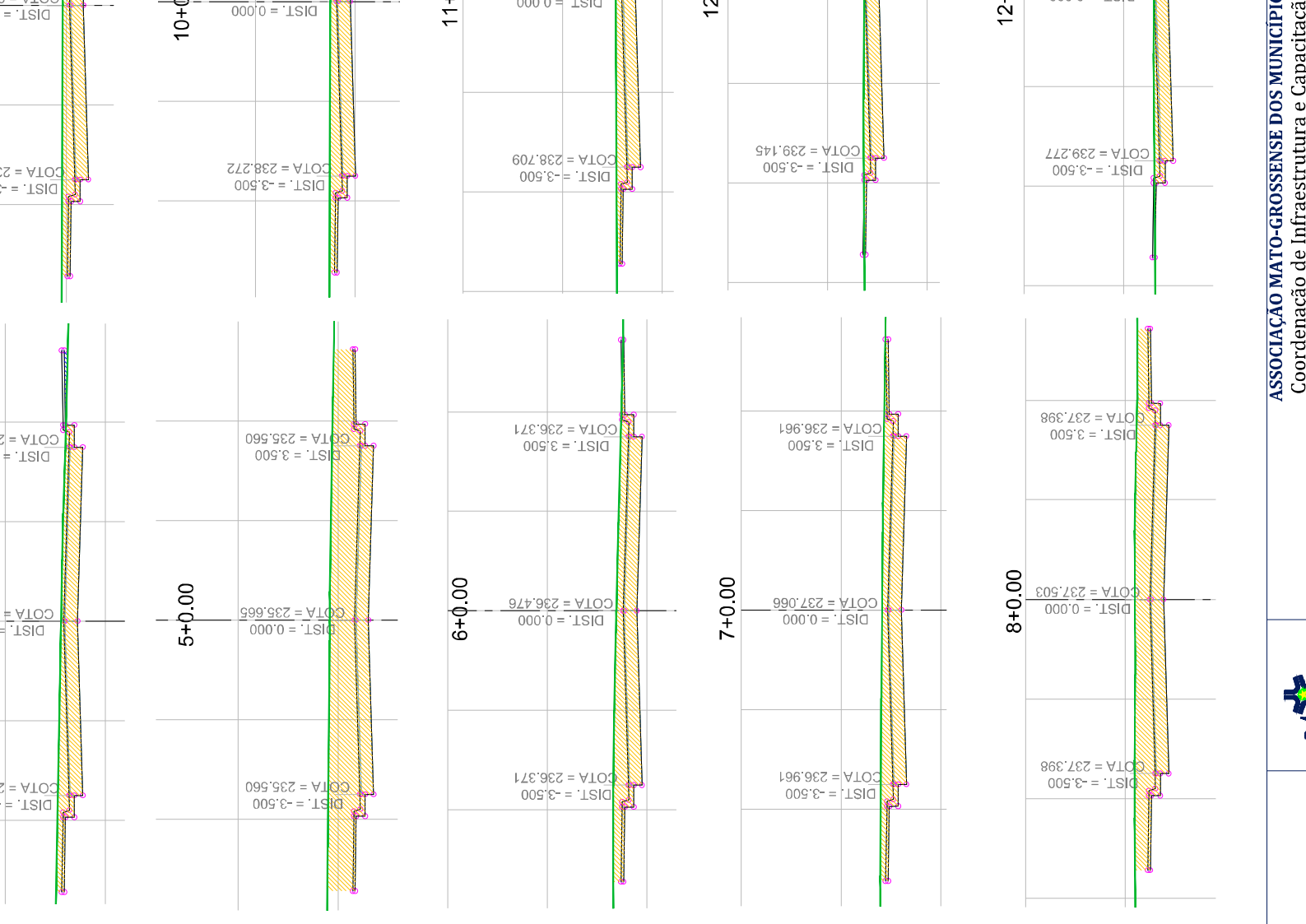
ESTACAMENTO	20.00m	40.00m	60.00m	80.00m	100.00m	120.00m	140.00m	160.00m	180.00m	200.00m	220.00m	240.00m	246.00m
COTAS TERRENO/PROJETO	231,282 232,208 232,182	233,114 233,083	234,007 233,969	234,886 234,830	236,162 235,665	236,613 236,476	237,178 237,066	237,801 237,503	238,076 237,940	238,503 238,377	238,929 238,814	239,263 239,250	239,382 239,382

DISTÂNCIA (m)	0	1	2	3	4	5	6	7	8	9	10	11	12	12	
PERFIL RUA MANOEL	231,282	232,182	233,114	234,007	234,886	235,665	236,476	237,178	237,801	238,076	238,503	238,929	239,263	239,382	239,382

i=4.50%  
 d=38.897m  
 i=3.95%  
 d=0.115m  
 i=2.18%  
 d=115.225m

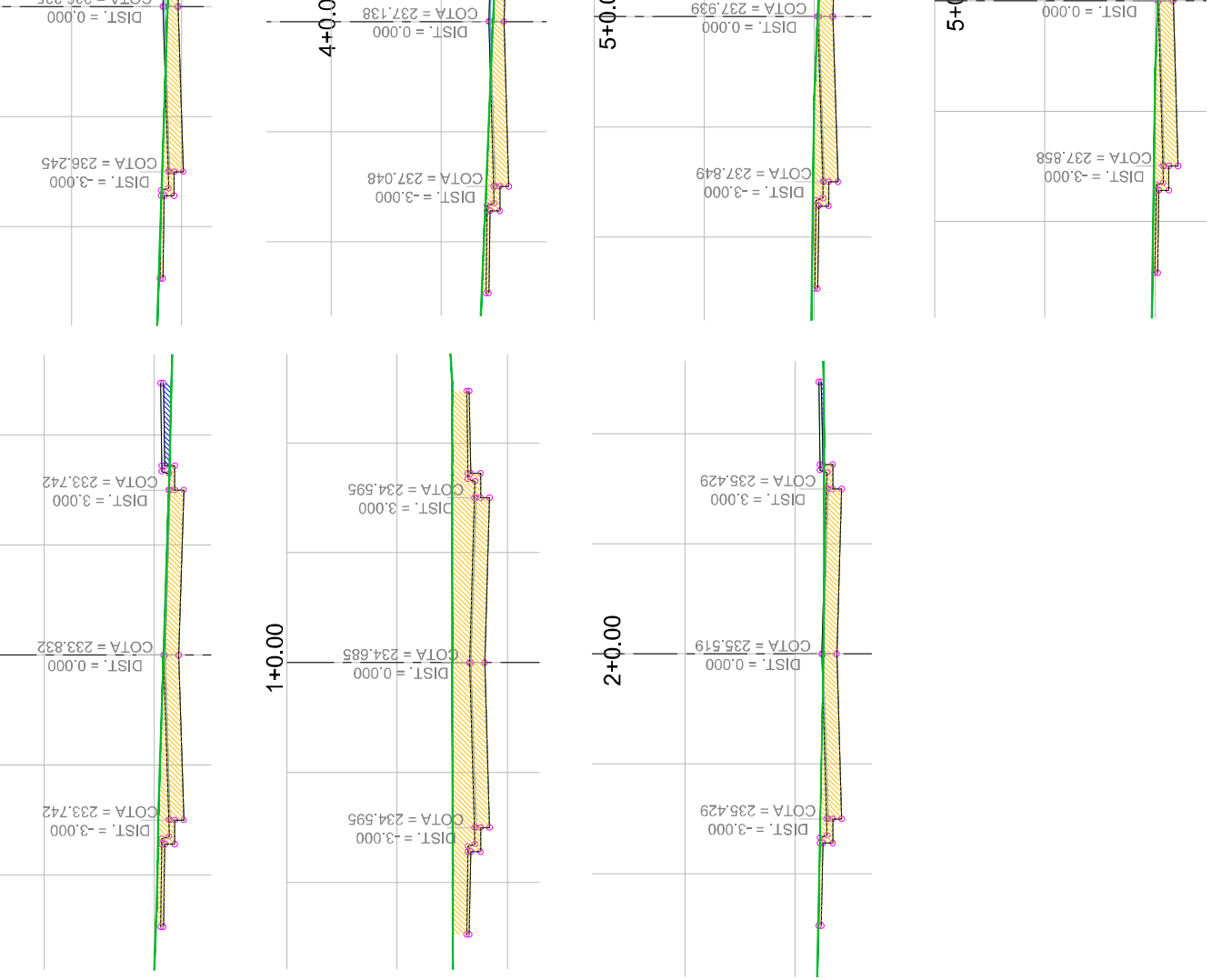
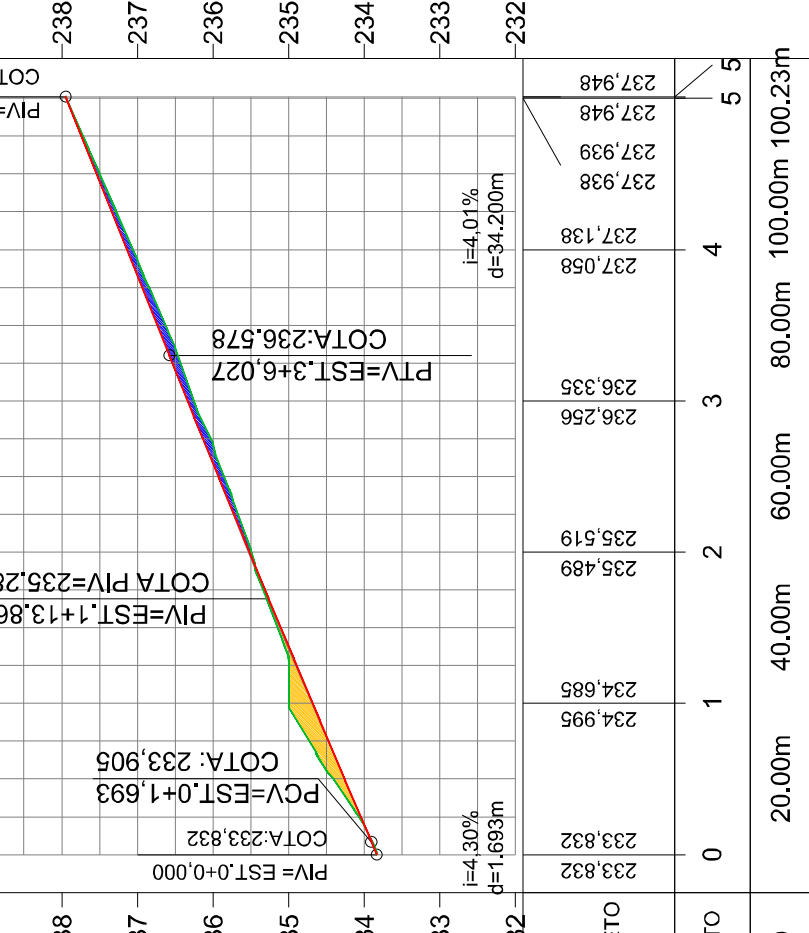


0,02	0,00	0,00	0,00	0,00	0,00	0,00	0,00
0,01	53,51	53,51	53,51	53,51	0,35	53,16	53,16
0,03	56,91	110,42	110,42	109,67	0,75	109,67	109,67
0,04	58,54	168,96	168,96	167,53	1,43	167,53	167,53
0,06	61,11	230,07	230,07	227,62	2,46	227,62	227,62
0,00	110,48	340,55	340,55	337,48	3,07	337,48	337,48
0,00	118,34	458,89	458,89	455,82	3,07	455,82	455,82
0,00	76,69	535,58	535,58	532,51	3,07	532,51	532,51
0,00	94,28	629,85	629,85	626,79	3,07	626,79	626,79
0,00	97,64	727,49	727,49	724,43	3,07	724,43	724,43
0,00	79,60	807,09	807,09	804,03	3,07	804,03	804,03
0,00	75,65	882,74	882,74	879,67	3,07	879,67	879,67
0,01	63,14	945,88	945,88	942,74	3,14	942,74	942,74
0,02	15,27	961,15	961,15	957,92	3,22	957,92	957,92



Se se referem ao greide acabado



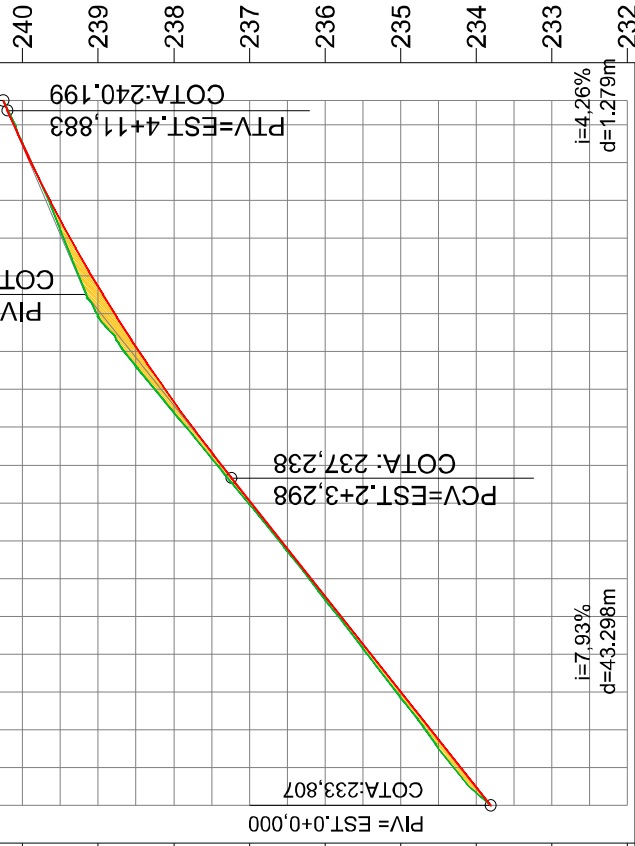


### VOLUME TOTAL

Área de Aterro (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Volum. Corte Acum. (m³)	Volume Aterro Acum. (m³)	Volume Líquido (m³)
0,18	0,00	0,00	0,00	0,00	0,00
0,00	74,73	1,78	74,73	1,78	72,94
0,05	72,08	0,53	146,81	2,32	144,49
0,31	36,71	3,64	183,52	5,96	177,56
0,34	33,69	6,54	217,21	12,50	204,71
0,26	39,10	6,02	256,31	18,52	237,79
0,26	0,49	0,06	256,81	18,58	238,23

De se referem ao greide acabado

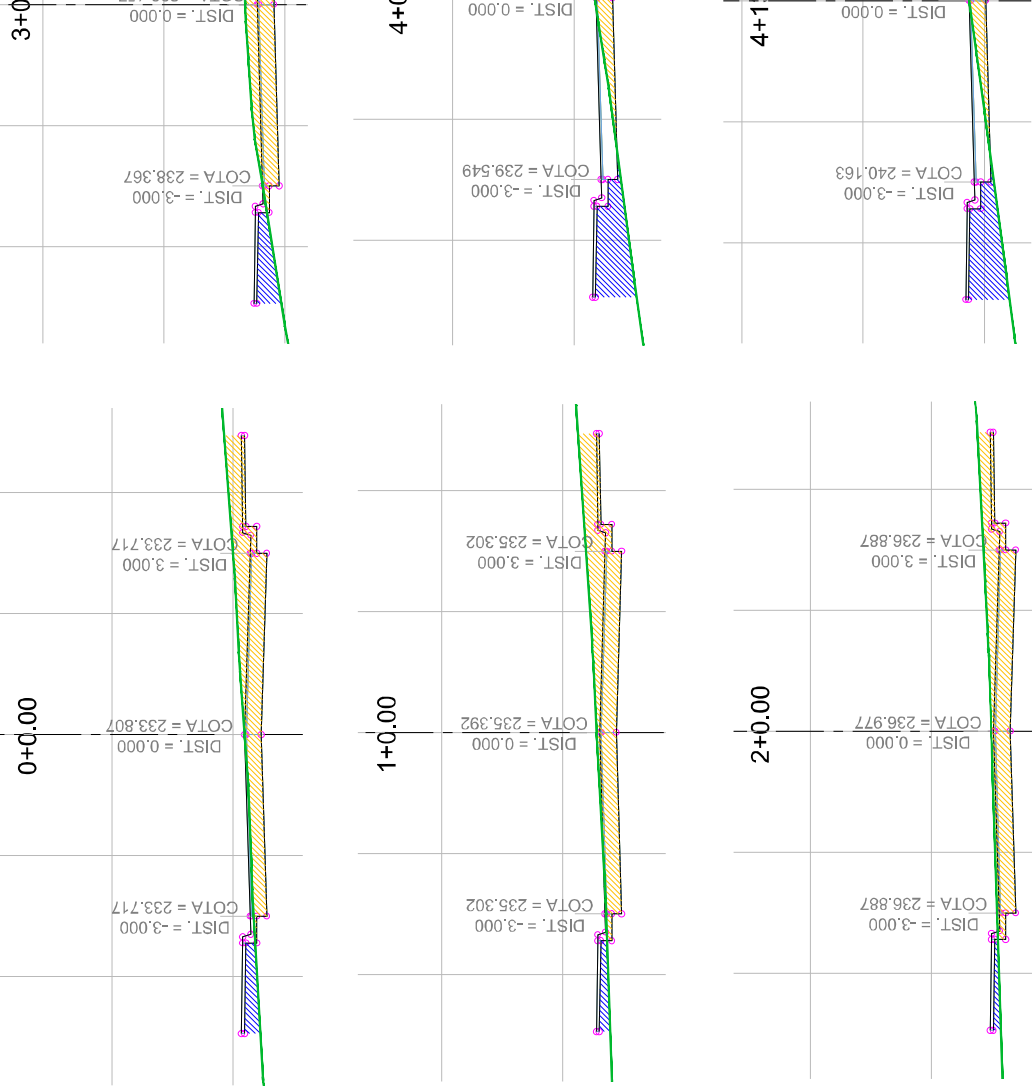




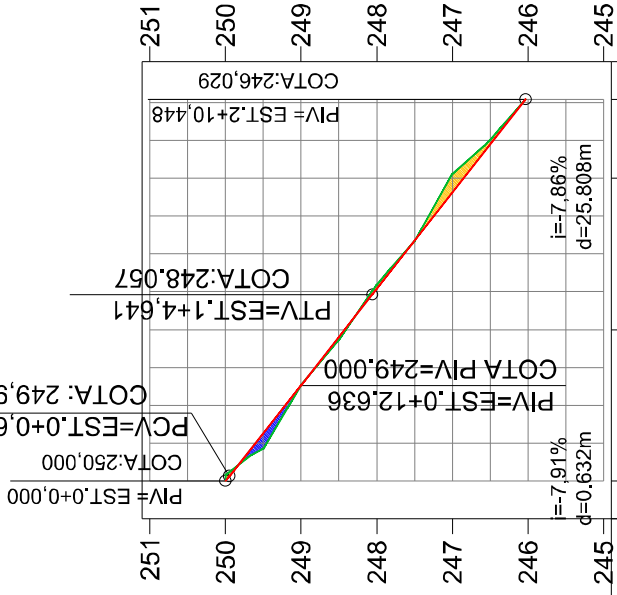
ESTACIONAMENTO	0	1	2	3	4
ELEVACÃO (m)	233,807	235,440	237,017	238,657	240,253
VOLUMENETRIA		235,392	236,977	238,457	239,639
		20,00m	40,00m	60,00m	80,00m
					93,16m

### VOLUME TOTAL

	Área de Aterro (m <sup>2</sup> )	Volume de Corte (m <sup>3</sup> )	Volume de Aterro (m <sup>3</sup> )	Volum. Corte Acum. (m <sup>3</sup> )	Volum Aterro Acum. (m <sup>3</sup> )	Volume Líquido (m <sup>3</sup> )
	0,32	0,00	0,00	0,00	0,00	0,00
	0,21	55,47	5,21	55,47	5,21	50,26
	0,13	57,09	3,40	112,56	8,61	103,96
	0,41	64,81	5,41	177,37	14,02	163,36
	0,97	71,40	13,80	248,77	27,81	220,96
	0,96	43,23	12,71	292,00	40,52	251,48



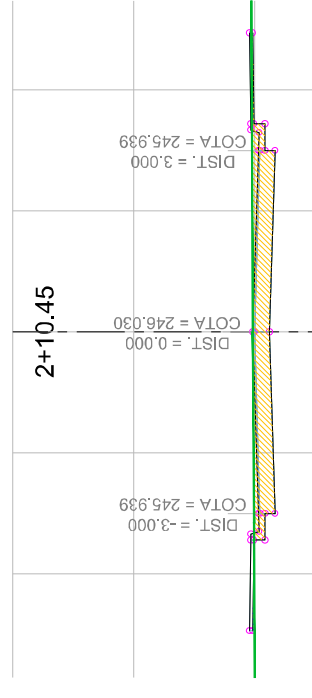
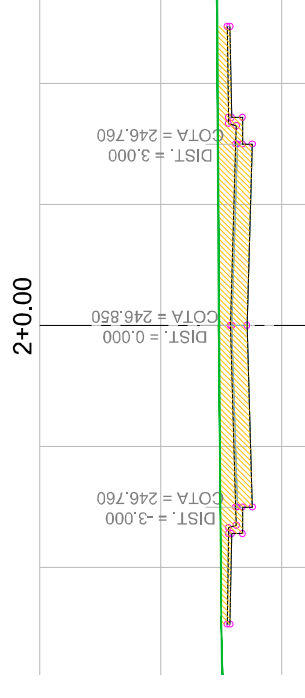
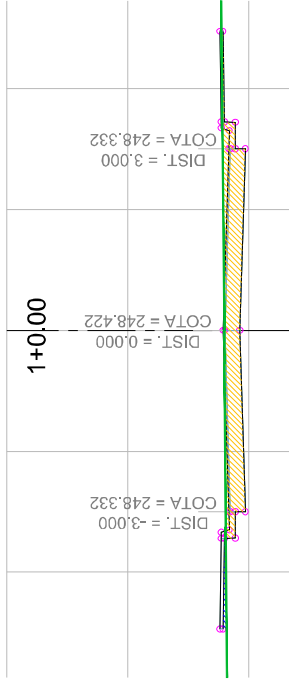
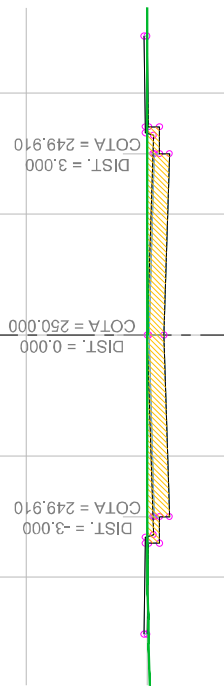


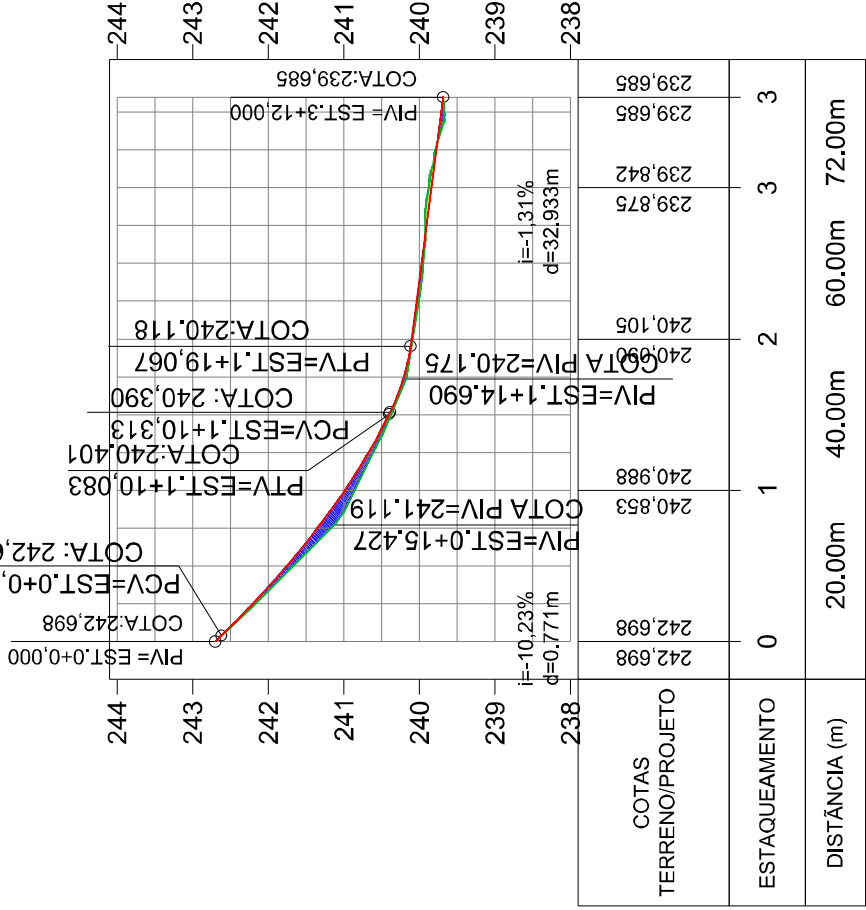


COTAS TERRENO/PROJETO	250,000	248,407	248,422	247,034	246,850	246,029
ESTAQUEAMENTO	0	1	1	2	2	2
DISTÂNCIA (m)	20,00m	20,00m	40,00m	40,00m	50,45m	50,45m

PERFIL RUA PRINCESA ISABEL - TRECHO 02

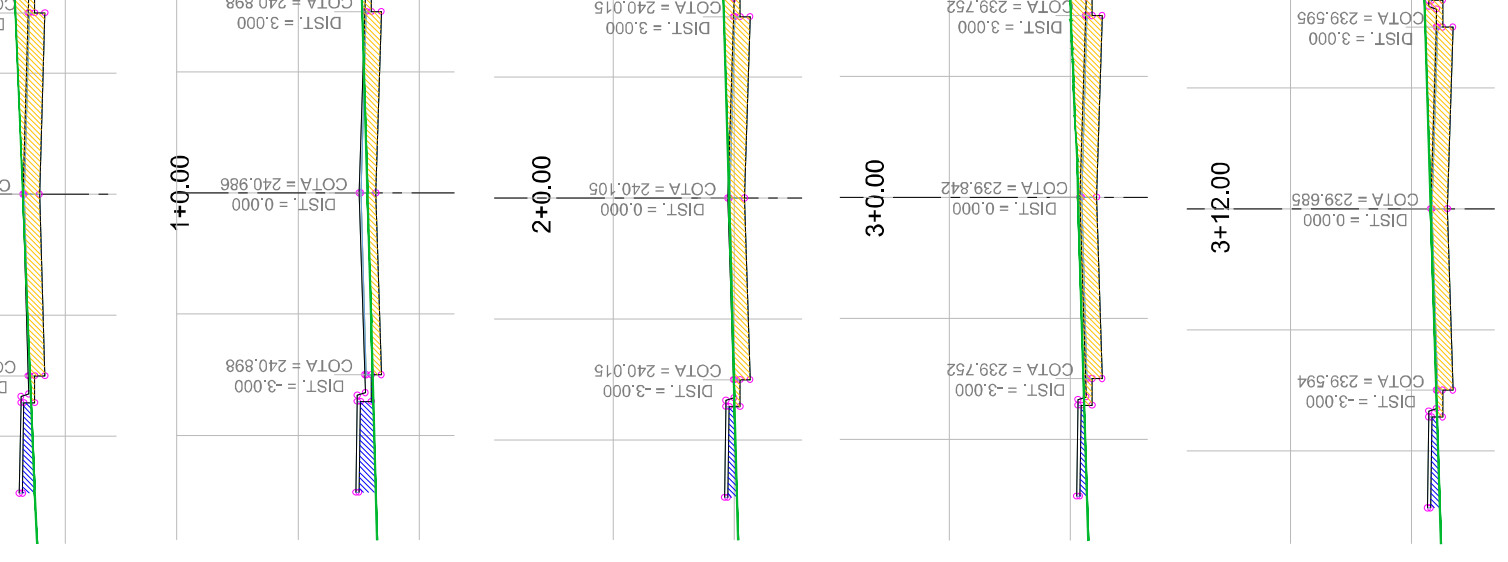
VOLUME TOTAL						
Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Volume de Corte Acum. (m³)	Volume de Aterro Acum. (m³)	Volume Líquido (m³)
2,12	0,01	0,00	0,00	0,00	0,00	0,00
2,04	0,06	41,57	0,70	41,57	0,70	40,86
3,93	0,00	59,72	0,63	101,29	1,33	99,95
2,14	0,02	31,72	0,11	133,01	1,44	131,57





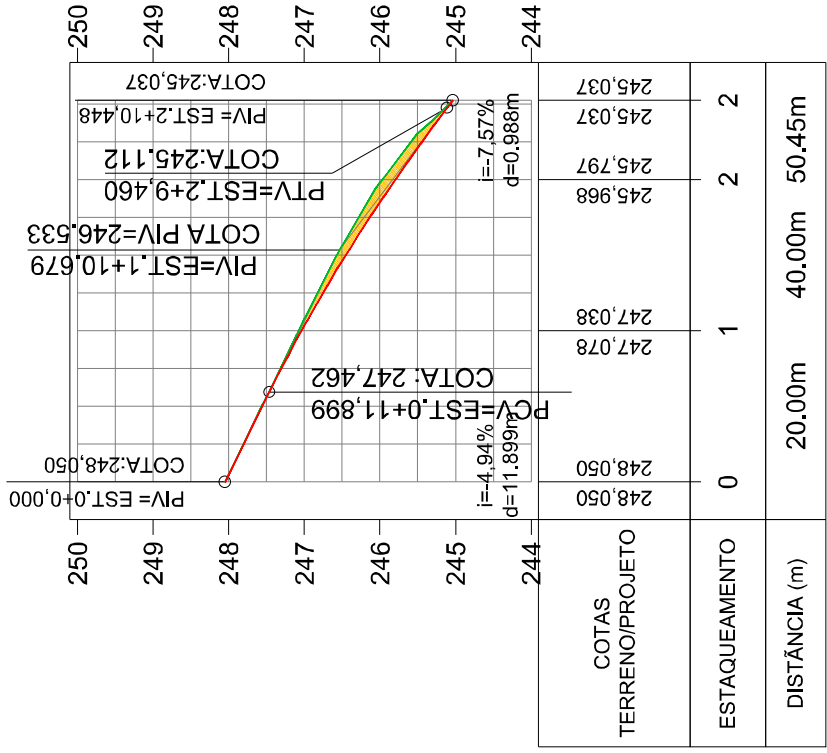
PERFIL RUA CARLOS CHAGAS - TRECHO 01

VOLUME TOTAL						
Área de Corte (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Volume de Corte Acum. (m³)	Volume de Aterro Acum. (m³)	Volume Líquido (m³)	
2,36	0,00	0,00	0,00	0,00	0,00	
1,18	35,44	6,37	35,44	6,37	29,06	
2,16	33,36	5,78	68,80	12,15	56,65	
2,63	47,87	3,03	116,67	15,19	101,48	
2,30	29,58	1,79	146,24	16,98	129,27	



De se referem ao greide acabado





PERFIL RUA CARLOS CHAGAS 2

**VOLUME TOTAL**

	Área de Corte (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Volum. Corte Acum. (m³)	Volum Aterro Acum. (m³)	Volume Líquido (m³)
0	2,22	0,00	0,00	0,00	0,00	0,00
0	2,55	47,65	1,31	47,65	1,31	46,34
0	3,80	63,49	0,34	111,14	1,65	109,49
5	2,15	31,08	0,00	142,22	1,65	140,57

