ESTADO DE GOIÁS
AGÊNCIA GOIANA DE INFRAESTRUTURA E TRANPORTES
GERÊNCIA DE PROJETOS DE OBRAS RODOVIÁRIAS

ANTEPROJETO DE ENGENHARIA PARA CONSTRUÇÃO DE RODOVIAS

Rodovia: **GO-236**
Trecho: **Flores de Goiás – Entr. BR-020**
Extensão: **63,80 KM**
Código SRE: **236EGO0040**

VOLUME 3A – CÁLCULO DE VOLUMES E NOTAS DE SERVIÇOS DE TERRAPLENAGEM

Local: **Goiânia/GO**	Mês: **Setembro**	Ano: **2025**	Período: **02**

LISTA DE ILUSTRAÇÕES

FIGURAS

FIGURA 1 – MAPA DE SITUAÇÃO. 7

SUMÁRIO

I. DADOS CONTRATUAIS 4
II. MAPA DE SITUAÇÃO 6
III. REFERÊNCIAL TÉCNICO E NORMATIVO 8
IV. NOTAS DE SERVIÇO DE TERRAPLENAGEM 10
V. CUBAÇÃO 149
VI. DECLARAÇÕES DE RESPONSABILIDADE TÉCNICA 287
VII. ANEXO I - ANOTAÇÃO DE RESPONSABILIDADE TÉCNICA - ART 289
VIII. TERMO DE ENCERRAMENTO 293

I. DADOS CONTRATUAIS

A **Oliveira, Rae & CIA Engenharia LTDA.** apresenta a **Agência Goiana de Infraestrutura e Transportes – GOINFRA**, neste documento, o **Volume 3A – Cálculo de Volumes e Notas de Serviços de Terraplenagem**.

Trata-se de trabalho objeto do contrato firmado entre a **Agência Goiana de Infraestrutura e Transportes** e a **Oliveira, Rae & CIA Engenharia,** cujos dados contratuais estão detalhados abaixo:

- Objeto do Contrato: Elaboração do Anteprojeto de Engenharia para Construção de Rodovias;
- GO-236, Trecho: Flores de Goiás – Entr. BR-020;
- Extensão: 63,80 km;
- Contrato: 099/2023;
- Data da assinatura: 20/09/2023.

Oliveira & Rae Engenharia LTDA

Engº. Agnaldo J. de Oliveira Jr.

Diretor de Engenharia

II. MAPA DE SITUAÇÃO

A seguir, apresenta-se o Mapa de Situação do trecho objeto de serviço:

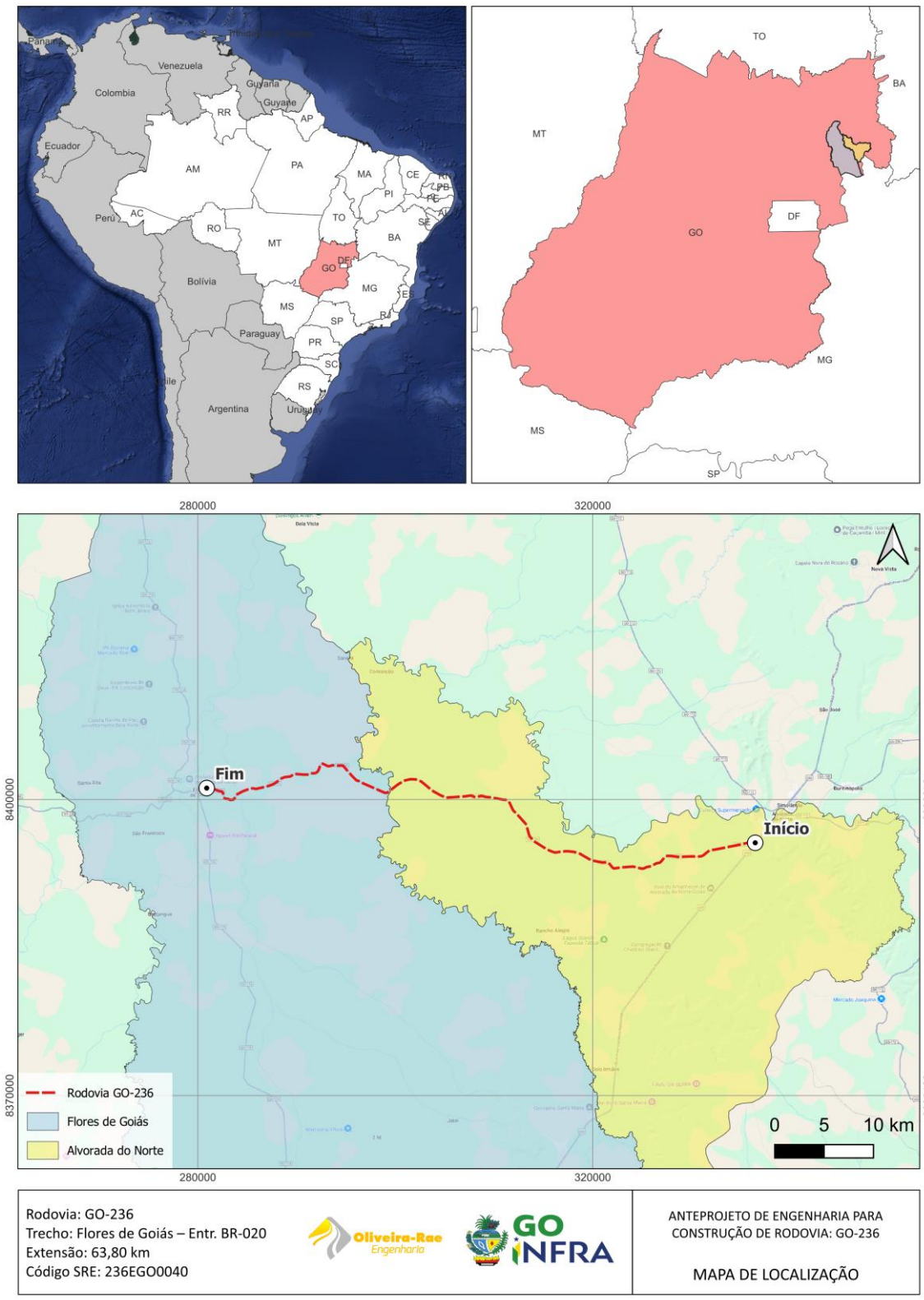

Figura 1 – Mapa de situação.

III. REFERÊNCIAL TÉCNICO E NORMATIVO

Os estudos estão sendo conduzidos de acordo com as recomendações e orientações constantes nas Instruções de Serviço e Manuais Técnicos da GOINFRA, além das recomendações do DNIT e DER-GO, a saber:

Agência Goiana de Infraestrutura e Transportes. **GOINFRA – IP-09 2018/002**. Projeto de Terraplenagem – Instrução de Projeto Rodoviário.

Agência Goiana de Infraestrutura e Transportes. **GOINFRA – ES-T 01/19**. Terraplenagem – Especificação de Serviço – Serviços Preliminares.

Departamento Nacional de Infraestrutura de Transportes. **DNIT – Diretrizes Básicas de Projetos Rodoviários – 2006**.

Departamento de Estradas de Rodagem de Goiás – **DER-GO – IS-07 Instruções para Projeto de Terraplenagem**.

IV. NOTAS DE SERVIÇO DE TERRAPLENAGEM

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.05	533.984	-66.67	-6.75	534.185	-4.00	5	+	0.00	8395637.62	336351.17	534.46	534.43	-0.02	6.75	534.185	-4.00	7.33	534.760	100.00						
-7.46	534.717	-66.67	-6.75	535.189	-4.00	6	+	0.00	8395637.46	336331.17	535.46	535.12	-0.34	6.75	535.189	-4.00	7.23	535.670	100.00						
-7.60	535.553	-66.67	-6.75	536.118	-4.00	7	+	0.00	8395637.31	336311.18	536.39	536.03	-0.36	6.75	536.118	-4.00	7.16	536.530	100.00						
-7.79	536.276	-66.67	-6.75	536.971	-4.00	8	+	0.00	8395637.15	336291.18	537.24	537.01	-0.24	6.75	536.971	-4.00	7.08	537.298	100.00						
-7.76	537.073	-66.67	-6.75	537.748	-4.00	9	+	0.00	8395636.99	336271.18	538.02	537.52	-0.50	6.75	537.748	-4.00	6.91	537.906	100.00						
-8.11	537.545	-66.67	-6.75	538.450	-4.00	10	+	0.00	8395636.83	336251.18	538.72	538.27	-0.46	6.75	538.450	-4.00	6.78	538.431	-66.67						
-8.13	538.157	-66.67	-6.75	539.075	-4.00	11	+	0.00	8395636.67	336231.18	539.35	538.92	-0.43	6.75	539.075	-4.00	6.91	538.971	-66.67						
-7.18	539.340	-66.67	-6.75	539.625	-4.00	12	+	0.00	8395636.52	336211.18	539.90	539.88	-0.01	6.75	539.625	-4.00	6.77	539.648	100.00						
-6.92	539.989	-66.67	-6.75	540.099	-4.00	13	+	0.00	8395636.36	336191.18	540.37	540.13	-0.24	6.75	540.099	-4.00	6.83	540.178	100.00						
-7.13	540.245	-66.67	-6.75	540.497	-4.00	14	+	0.00	8395636.20	336171.18	540.77	540.14	-0.63	6.75	540.497	-4.00	6.77	540.517	100.00						
-7.52	540.304	-66.67	-6.75	540.820	-4.00	15	+	0.00	8395636.04	336151.18	541.09	540.43	-0.66	6.75	540.820	-4.00	6.87	540.941	100.00						
-7.63	540.515	-66.67	-6.75	541.104	-4.00	16	+	0.00	8395635.89	336131.18	541.37	541.05	-0.33	6.75	541.104	-4.00	6.79	541.142	100.00						
-8.67	540.108	-66.67	-6.75	541.388	-4.00	17	+	0.00	8395635.73	336111.18	541.66	541.16	-0.50	6.75	541.388	-4.00	6.82	541.341	-66.67						
-8.02	540.827	-66.67	-6.75	541.673	-4.00	18	+	0.00	8395635.57	336091.18	541.94	541.68	-0.26	6.75	541.673	-4.00	6.80	541.718	100.00						
-6.76	541.964	100.00	-6.75	541.957	-4.00	19	+	0.00	8395635.41	336071.18	542.23	541.95	-0.27	6.75	541.957	-4.00	6.82	542.030	100.00						
-6.88	542.376	100.00	-6.75	542.242	-4.00	20	+	0.00	8395635.25	336051.18	542.51	542.34	-0.17	6.75	542.242	-4.00	6.89	542.382	100.00						
-6.88	542.651	100.00	-6.75	542.526	-4.00	21	+	0.00	8395635.10	336031.18	542.80	542.22	-0.58	6.75	542.526	-4.00	6.83	542.608	100.00						
-6.98	542.658	-66.67	-6.75	542.810	-4.00	22	+	0.00	8395634.94	336011.18	543.08	542.78	-0.30	6.75	542.810	-4.00	6.81	542.867	100.00						
-6.80	543.143	100.00	-6.75	543.095	-4.00	23	+	0.00	8395634.78	335991.19	543.37	542.72	-0.64	6.75	543.095	-4.00	6.91	543.037	100.00						
-7.02	543.198	-66.67	-6.75	543.379	-4.00	24	+	0.00	8395634.62	335971.19	543.65	543.23	-0.42	6.75	543.379	-4.00	7.01	543.206	-66.67						
-7.08	543.445	-66.67	-6.75	543.664	-4.00	25	+	0.00	8395634.47	335951.19	543.93	543.59	-0.34	6.75	543.664	-4.00	7.18	543.380	-66.67						
-6.89	543.857	-66.67	-6.75	543.948	-4.00	26	+	0.00	8395634.31	335931.19	544.22	543.72	-0.49	6.75	543.948	-4.00	7.17	543.670	-66.67						
-7.60	543.665	-66.67	-6.75	544.233	-4.00	27	+	0.00	8395634.15	335911.19	544.50	544.03	-0.47	6.75	544.233	-4.00	7.25	543.898	-66.67						
-6.94	544.389	-66.67	-6.75	544.517	-4.00	28	+	0.00	8395633.99	335891.19	544.79	544.28	-0.51	6.75	544.517	-4.00	7.15	544.253	-66.67						
-7.29	544.439	-66.67	-6.75	544.801	-4.00	29	+	0.00	8395633.83	335871.19	545.07	544.48	-0.60	6.75	544.801	-4.00	7.26	544.461	-66.67						
-7.62	544.506	-66.67	-6.75	545.086	-4.00	30	+	0.00	8395633.68	335851.19	545.36	544.68	-0.68	6.75	545.086	-4.00	7.38	544.667	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.60	544.805	-66.67	-6.75	545.370	-4.00	31	+	0.00	8395633.52	335831.19	545.64	544.86	-0.78	6.75	545.520	-1.78	7.77	544.839	-66.67						
-7.83	544.871	-66.67	-6.75	545.593	-4.00	31	+	15.66	8395633.39	335815.54	545.86	545.00	-0.87	6.75	545.863	0.00	8.51	544.688	-66.67						
-7.81	544.946	-66.67	-6.75	545.655	-4.00	32	+	0.00	8395633.36	335811.19	545.93	545.00	-0.93	6.75	545.958	0.49	8.49	544.797	-66.67						
-8.21	544.961	-66.67	-6.75	545.936	-4.00	33	+	0.00	8395633.10	335791.19	546.21	545.01	-1.20	6.75	546.393	2.77	8.94	544.935	-66.67						
-8.55	544.926	-66.67	-6.75	546.123	-5.05	34	+	0.00	8395632.42	335771.20	546.46	545.04	-1.43	6.75	546.805	5.05	9.67	544.858	-66.67						
-8.49	545.018	-66.67	-6.75	546.180	-6.60	34	+	13.66	8395631.54	335757.58	546.63	545.04	-1.59	6.75	547.071	6.60	10.33	544.682	-66.67						
-8.57	545.035	-66.67	-6.75	546.250	-6.60	35	+	0.00	8395630.98	335751.26	546.70	545.07	-1.63	6.75	547.141	6.60	10.38	544.724	-66.67						
-8.54	545.150	-66.67	-6.75	546.341	-6.60	35	+	8.48	8395629.95	335742.85	546.79	545.13	-1.65	6.75	547.232	6.60	10.31	544.861	-66.67						
-8.84	545.062	-66.67	-6.75	546.456	-6.60	36	+	0.00	8395628.56	335731.41	546.90	545.22	-1.69	6.75	547.347	6.60	10.35	544.947	-66.67						
-8.90	545.056	-66.67	-6.75	546.487	-6.60	36	+	3.30	8395628.06	335728.15	546.93	545.24	-1.69	6.75	547.378	6.60	10.48	544.892	-66.67						
-8.87	545.350	-66.67	-6.75	546.763	-4.70	37	+	0.00	8395625.18	335711.70	547.08	545.29	-1.80	6.75	547.398	4.70	10.70	544.766	-66.67						
-9.42	545.184	-66.67	-6.75	546.963	-4.00	38	+	0.00	8395621.11	335692.12	547.23	545.40	-1.84	6.75	547.397	2.42	10.14	545.140	-66.67						
-9.43	545.306	-66.67	-6.75	547.090	-4.00	39	+	0.00	8395616.68	335672.61	547.36	545.41	-1.95	6.75	547.370	0.15	10.08	545.148	-66.67						
-9.42	545.320	-66.67	-6.75	547.097	-4.00	39	+	1.29	8395616.38	335671.35	547.37	545.42	-1.94	6.75	547.367	0.00	10.12	545.124	-66.67						
-9.45	545.392	-66.67	-6.75	547.190	-4.00	40	+	0.00	8395612.17	335653.13	547.46	545.53	-1.93	6.75	547.317	-2.13	9.96	545.177	-66.67						
-9.64	545.337	-66.67	-6.75	547.265	-4.00	41	+	0.00	8395607.67	335633.64	547.54	545.64	-1.89	6.75	547.265	-4.00	9.46	545.457	-66.67						
-9.70	545.348	-66.67	-6.75	547.312	-4.00	42	+	0.00	8395603.17	335614.15	547.58	545.69	-1.89	6.75	547.312	-4.00	10.04	545.118	-66.67						
-9.45	545.533	-66.67	-6.75	547.334	-4.00	43	+	0.00	8395598.67	335594.67	547.60	545.69	-1.92	6.75	547.334	-4.00	9.72	545.357	-66.67						
-9.28	545.645	-66.67	-6.75	547.329	-4.00	44	+	0.00	8395594.17	335575.18	547.60	545.79	-1.81	6.75	547.329	-4.00	9.80	545.294	-66.67						
-9.08	545.747	-66.67	-6.75	547.298	-4.00	45	+	0.00	8395589.67	335555.69	547.57	545.92	-1.65	6.75	547.298	-4.00	9.35	545.567	-66.67						
-9.15	545.639	-66.67	-6.75	547.240	-4.00	46	+	0.00	8395585.17	335536.21	547.51	546.00	-1.51	6.75	547.240	-4.00	9.31	545.535	-66.67						
-9.00	545.656	-66.67	-6.75	547.157	-4.00	47	+	0.00	8395580.67	335516.72	547.43	545.97	-1.46	6.75	547.157	-4.00	9.45	545.360	-66.67						
-9.17	545.435	-66.67	-6.75	547.050	-4.00	48	+	0.00	8395576.17	335497.23	547.32	545.93	-1.39	6.75	547.050	-4.00	8.93	545.598	-66.67						
-8.67	545.658	-66.67	-6.75	546.940	-4.00	49	+	0.00	8395571.67	335477.74	547.21	545.92	-1.29	6.75	546.940	-4.00	9.04	545.411	-66.67						
-8.81	545.454	-66.67	-6.75	546.830	-4.00	50	+	0.00	8395567.17	335458.26	547.10	545.88	-1.22	6.75	546.830	-4.00	8.69	545.535	-66.67						
-8.30	545.688	-66.67	-6.75	546.720	-4.00	51	+	0.00	8395562.66	335438.77	546.99	545.77	-1.22	6.75	546.720	-4.00	8.43	545.603	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																									
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO											
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																									
-8.50	545.447	-66.67	-6.75	546.610	-4.00	52	+	0.00	8395558.16	335419.28	546.88	545.76	-1.13	6.75	546.610	-4.00	8.57	545.398	-66.67						
-8.12	545.587	-66.67	-6.75	546.500	-4.00	53	+	0.00	8395553.66	335399.80	546.77	545.67	-1.10	6.75	546.500	-4.00	8.44	545.373	-66.67						
-7.74	545.732	-66.67	-6.75	546.390	-4.00	54	+	0.00	8395549.16	335380.31	546.66	545.65	-1.01	6.75	546.390	-4.00	8.32	545.340	-66.67						
-7.98	545.459	-66.67	-6.75	546.280	-4.00	55	+	0.00	8395544.66	335360.82	546.55	545.52	-1.03	6.75	546.280	-4.00	8.44	545.154	-66.67						
-7.81	545.463	-66.67	-6.75	546.170	-4.00	56	+	0.00	8395540.16	335341.34	546.44	545.38	-1.06	6.75	546.170	-4.00	8.58	544.953	-66.67						
-8.13	545.140	-66.67	-6.75	546.060	-4.00	57	+	0.00	8395535.66	335321.85	546.33	545.08	-1.25	6.75	546.060	-4.00	8.93	544.607	-66.67						
-8.21	544.980	-66.67	-6.75	545.956	-4.00	58	+	0.00	8395531.16	335302.36	546.23	544.87	-1.35	6.75	545.956	-4.00	10.07	543.744	-66.67						
-8.35	544.823	-66.67	-6.75	545.890	-4.00	59	+	0.00	8395526.66	335282.87	546.16	544.72	-1.44	6.75	545.890	-4.00	10.71	543.253	-66.67						
-8.33	544.818	-66.67	-6.75	545.870	-4.00	60	+	0.00	8395522.16	335263.39	546.14	544.43	-1.71	6.75	545.870	-4.00	11.09	542.974	-66.67						
-8.21	544.922	-66.67	-6.75	545.894	-4.00	61	+	0.00	8395517.66	335243.90	546.16	544.48	-1.69	6.75	545.894	-4.00	10.93	543.109	-66.67						
-8.11	545.056	-66.67	-6.75	545.962	-4.00	62	+	0.00	8395513.16	335224.41	546.23	544.70	-1.53	6.75	545.962	-4.00	9.86	543.888	-66.67						
-7.98	545.251	-66.67	-6.75	546.070	-4.00	63	+	0.00	8395508.65	335204.93	546.34	544.86	-1.48	6.75	546.070	-4.00	9.00	544.573	-66.67						
-7.93	545.399	-66.67	-6.75	546.183	-4.00	64	+	0.00	8395504.15	335185.44	546.45	545.08	-1.37	6.75	546.183	-4.00	9.15	544.583	-66.67						
-7.82	545.582	-66.67	-6.75	546.297	-4.00	65	+	0.00	8395499.65	335165.95	546.57	545.19	-1.38	6.75	546.297	-4.00	8.66	545.025	-66.67						
-7.85	545.677	-66.67	-6.75	546.410	-4.00	66	+	0.00	8395495.15	335146.47	546.68	545.29	-1.39	6.75	546.410	-4.00	8.53	545.226	-66.67						
-7.99	545.697	-66.67	-6.75	546.523	-4.00	67	+	0.00	8395490.65	335126.98	546.79	545.44	-1.35	6.75	546.523	-4.00	8.54	545.332	-66.67						
-7.89	545.876	-66.67	-6.75	546.637	-4.00	68	+	0.00	8395486.15	335107.49	546.91	545.67	-1.24	6.75	546.637	-4.00	8.42	545.521	-66.67						
-7.85	546.019	-66.67	-6.75	546.750	-4.00	69	+	0.00	8395481.65	335088.00	547.02	545.87	-1.15	6.75	546.750	-4.00	8.46	545.613	-66.67						
-7.73	546.208	-66.67	-6.75	546.863	-4.00	70	+	0.00	8395477.15	335068.52	547.13	546.00	-1.14	6.75	546.863	-4.00	8.49	545.701	-66.67						
-7.77	546.282	-66.67	-6.75	546.962	-4.00	71	+	0.00	8395472.65	335049.03	547.23	546.14	-1.10	6.75	546.962	-4.00	8.55	545.762	-66.67						
-7.73	546.381	-66.67	-6.75	547.031	-4.00	72	+	0.00	8395468.15	335029.54	547.30	546.22	-1.08	6.75	547.031	-4.00	8.06	546.158	-66.67						
-7.73	546.421	-66.67	-6.75	547.071	-4.00	73	+	0.00	8395463.65	335010.06	547.34	546.18	-1.16	6.75	547.071	-4.00	8.15	546.135	-66.67						
-7.56	546.539	-66.67	-6.75	547.082	-4.00	74	+	0.00	8395459.15	334990.57	547.35	546.29	-1.06	6.75	547.082	-4.00	8.08	546.194	-66.67						
-7.53	546.544	-66.67	-6.75	547.063	-4.00	75	+	0.00	8395454.64	334971.08	547.33	546.20	-1.14	6.75	547.063	-4.00	8.03	546.208	-66.67						
-7.49	546.525	-66.67	-6.75	547.015	-4.00	76	+	0.00	8395450.14	334951.60	547.29	546.35	-0.94	6.75	547.015	-4.00	7.80	546.314	-66.67						
-7.43	546.483	-66.67	-6.75	546.938	-4.00	77	+	0.00	8395445.64	334932.11	547.21	546.43	-0.78	6.75	546.938	-4.00	7.76	546.267	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																									
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO											
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																									
-7.44	546.373	-66.67	-6.75	546.831	-4.00	78	+	0.00	8395441.14	334912.62	547.10	546.20	-0.90	6.75	546.831	-4.00	7.99	546.007	-66.67						
-7.35	546.294	-66.67	-6.75	546.695	-4.00	79	+	0.00	8395436.64	334893.13	546.97	546.09	-0.88	6.75	546.695	-4.00	7.91	545.919	-66.67						
-7.33	546.145	-66.67	-6.75	546.530	-4.00	80	+	0.00	8395432.14	334873.65	546.80	545.98	-0.82	6.75	546.530	-4.00	8.01	545.689	-66.67						
-7.39	545.924	-66.67	-6.75	546.350	-4.00	81	+	0.00	8395427.64	334854.16	546.62	545.92	-0.70	6.75	546.350	-4.00	7.66	545.747	-66.67						
-7.23	545.853	-66.67	-6.75	546.170	-4.00	82	+	0.00	8395423.14	334834.67	546.44	545.81	-0.63	6.75	546.170	-4.00	7.70	545.539	-66.67						
-7.05	545.791	-66.67	-6.75	545.990	-4.00	83	+	0.00	8395418.64	334815.19	546.26	545.72	-0.54	6.75	545.990	-4.00	7.72	545.344	-66.67						
-6.97	545.665	-66.67	-6.75	545.810	-4.00	84	+	0.00	8395414.14	334795.70	546.08	545.61	-0.47	6.75	545.810	-4.00	7.51	545.305	-66.67						
-6.81	545.593	-66.67	-6.75	545.630	-4.00	85	+	0.00	8395409.64	334776.21	545.90	545.47	-0.43	6.75	545.630	-4.00	7.41	545.191	-66.67						
-6.76	545.446	-66.67	-6.75	545.450	-4.00	86	+	0.00	8395405.13	334756.73	545.72	545.38	-0.34	6.75	545.450	-4.00	7.19	545.155	-66.67						
-6.84	545.208	-66.67	-6.75	545.270	-4.00	87	+	0.00	8395400.63	334737.24	545.54	545.31	-0.23	6.75	545.270	-4.00	7.24	544.947	-66.67						
-7.01	544.923	-66.67	-6.75	545.097	-4.00	88	+	0.00	8395396.13	334717.75	545.37	545.18	-0.18	6.75	545.097	-4.00	7.11	544.858	-66.67						
-6.82	545.042	100.00	-6.75	544.973	-4.00	89	+	0.00	8395391.63	334698.27	545.24	544.98	-0.27	6.75	544.973	-4.00	7.14	544.714	-66.67						
-6.96	545.114	100.00	-6.75	544.905	-4.00	90	+	0.00	8395387.13	334678.78	545.18	544.90	-0.27	6.75	544.905	-4.00	7.44	544.443	-66.67						
-7.56	544.353	-66.67	-6.75	544.893	-4.00	91	+	0.00	8395382.63	334659.29	545.16	544.86	-0.30	6.75	544.893	-4.00	7.36	544.485	-66.67						
-7.25	544.607	-66.67	-6.75	544.937	-4.00	92	+	0.00	8395378.13	334639.80	545.21	544.83	-0.38	6.75	544.937	-4.00	7.12	544.691	-66.67						
-7.17	544.750	-66.67	-6.75	545.030	-4.00	93	+	0.00	8395373.63	334620.32	545.30	544.89	-0.41	6.75	545.030	-4.00	7.10	544.796	-66.67						
-7.27	544.783	-66.67	-6.75	545.130	-4.00	94	+	0.00	8395369.13	334600.83	545.40	544.97	-0.43	6.75	545.130	-4.00	7.12	544.880	-66.67						
-7.23	544.829	-66.67	-6.75	545.148	-4.00	94	+	3.68	8395368.30	334597.25	545.42	545.00	-0.42	6.75	545.148	-4.00	7.15	544.879	-66.67						
-7.17	544.949	-66.67	-6.75	545.230	-4.00	95	+	0.00	8395364.67	334581.33	545.50	545.14	-0.36	6.75	545.230	-4.00	7.27	544.880	-66.67						
-7.19	545.038	-66.67	-6.75	545.330	-4.00	96	+	0.00	8395360.32	334561.81	545.60	545.18	-0.42	6.75	545.330	-4.00	7.17	545.050	-66.67						
-6.95	545.297	-66.67	-6.75	545.430	-4.00	97	+	0.00	8395356.10	334542.26	545.70	545.28	-0.42	6.75	545.430	-4.00	7.32	545.049	-66.67						
-7.18	545.242	-66.67	-6.75	545.530	-4.00	98	+	0.00	8395352.00	334522.69	545.80	545.28	-0.52	6.75	545.530	-4.00	7.49	545.035	-66.67						
-7.17	545.267	-66.67	-6.75	545.546	-4.00	98	+	3.24	8395351.35	334519.51	545.82	545.32	-0.50	6.75	545.546	-4.00	7.53	545.026	-66.67						
-7.41	545.188	-66.67	-6.75	545.630	-4.00	99	+	0.00	8395348.02	334503.09	545.90	545.32	-0.58	6.75	545.630	-4.00	7.39	545.201	-66.67						
-7.58	545.180	-66.67	-6.75	545.730	-4.00	100	+	0.00	8395344.16	334483.46	546.00	545.26	-0.74	6.75	545.730	-4.00	7.61	545.158	-66.67						
-7.81	545.128	-66.67	-6.75	545.831	-4.00	101	+	0.00	8395340.42	334463.82	546.10	545.43	-0.67	6.75	545.831	-4.00	7.88	545.077	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.71	545.301	-66.67	-6.75	545.943	-4.00	102	+	0.00	8395336.80	334444.15	546.21	545.51	-0.70	6.75	545.943	-4.00	7.89	545.180	-66.67						
-7.75	545.295	-66.67	-6.75	545.960	-4.00	102	+	2.80	8395336.30	334441.39	546.23	545.51	-0.72	6.75	545.960	-4.00	8.00	545.125	-66.67						
-7.17	545.786	-66.67	-6.75	546.066	-4.00	103	+	0.00	8395333.25	334424.46	546.34	545.69	-0.64	6.75	546.066	-4.00	7.63	545.480	-66.67						
-7.79	545.509	-66.67	-6.75	546.201	-4.00	104	+	0.00	8395329.71	334404.78	546.47	545.82	-0.65	6.75	546.201	-4.00	7.61	545.631	-66.67						
-7.54	545.822	-66.67	-6.75	546.348	-4.00	105	+	0.00	8395326.17	334385.10	546.62	545.79	-0.83	6.75	546.348	-4.00	8.09	545.457	-66.67						
-8.61	545.267	-66.67	-6.75	546.505	-4.00	106	+	0.00	8395322.63	334365.41	546.78	545.76	-1.02	6.75	546.505	-4.00	8.30	545.474	-66.67						
-8.40	545.563	-66.67	-6.75	546.663	-4.00	107	+	0.00	8395319.09	334345.73	546.93	545.75	-1.18	6.75	546.663	-4.00	8.36	545.592	-66.67						
-8.60	545.590	-66.67	-6.75	546.822	-4.00	108	+	0.00	8395315.55	334326.04	547.09	545.79	-1.30	6.75	546.822	-4.00	8.59	545.593	-66.67						
-8.55	545.780	-66.67	-6.75	546.980	-4.00	109	+	0.00	8395312.00	334306.36	547.25	545.78	-1.47	6.75	546.980	-4.00	9.16	545.375	-66.67						
-8.80	545.775	-66.67	-6.75	547.138	-4.00	110	+	0.00	8395308.46	334286.68	547.41	545.82	-1.59	6.75	547.138	-4.00	9.40	545.370	-66.67						
-9.25	545.633	-66.67	-6.75	547.297	-4.00	111	+	0.00	8395304.92	334266.99	547.57	545.72	-1.85	6.75	547.297	-4.00	9.41	545.521	-66.67						
-9.19	545.821	-66.67	-6.75	547.445	-4.00	112	+	0.00	8395301.38	334247.31	547.72	545.93	-1.79	6.75	547.445	-4.00	9.72	545.462	-66.67						
-9.72	545.580	-66.67	-6.75	547.556	-4.00	113	+	0.00	8395297.84	334227.62	547.83	546.02	-1.81	6.75	547.556	-4.00	9.80	545.522	-66.67						
-9.60	545.735	-66.67	-6.75	547.631	-4.00	114	+	0.00	8395294.30	334207.94	547.90	545.90	-2.01	6.75	547.631	-4.00	9.79	545.603	-66.67						
-9.61	545.764	-66.67	-6.75	547.669	-4.00	115	+	0.00	8395290.75	334188.26	547.94	545.96	-1.98	6.75	547.669	-4.00	10.00	545.506	-66.67						
-9.27	545.992	-66.67	-6.75	547.669	-4.00	116	+	0.00	8395287.21	334168.57	547.94	545.97	-1.97	6.75	547.669	-4.00	9.79	545.642	-66.67						
-8.82	546.252	-66.67	-6.75	547.633	-4.00	117	+	0.00	8395283.67	334148.89	547.90	546.03	-1.87	6.75	547.633	-4.00	9.72	545.654	-66.67						
-8.79	546.202	-66.67	-6.75	547.559	-4.00	118	+	0.00	8395280.13	334129.20	547.83	546.04	-1.79	6.75	547.559	-4.00	9.42	545.781	-66.67						
-8.76	546.111	-66.67	-6.75	547.449	-4.00	119	+	0.00	8395276.59	334109.52	547.72	546.08	-1.64	6.75	547.449	-4.00	9.29	545.754	-66.67						
-8.20	546.363	-66.67	-6.75	547.329	-4.00	120	+	0.00	8395273.04	334089.84	547.60	546.20	-1.40	6.75	547.329	-4.00	9.09	545.770	-66.67						
-8.13	546.288	-66.67	-6.75	547.208	-4.00	121	+	0.00	8395269.50	334070.15	547.48	546.32	-1.16	6.75	547.208	-4.00	8.47	546.063	-66.67						
-7.72	546.442	-66.67	-6.75	547.088	-4.00	122	+	0.00	8395265.96	334050.47	547.36	546.41	-0.94	6.75	547.088	-4.00	8.42	545.978	-66.67						
-7.00	546.802	-66.67	-6.75	546.968	-4.00	123	+	0.00	8395262.42	334030.79	547.24	546.57	-0.67	6.75	546.968	-4.00	7.82	546.253	-66.67						
-6.93	546.736	-66.67	-6.75	546.857	-4.00	124	+	0.00	8395258.88	334011.10	547.13	546.73	-0.40	6.75	546.857	-4.00	7.42	546.409	-66.67						
-6.82	546.766	-66.67	-6.75	546.815	-4.00	125	+	0.00	8395255.34	333991.42	547.09	546.90	-0.19	6.75	546.815	-4.00	7.18	546.529	-66.67						
-7.09	547.186	100.00	-6.75	546.850	-4.00	126	+	0.00	8395251.79	333971.73	547.12	547.04	-0.09	6.75	546.850	-4.00	6.88	546.763	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.11	547.219	100.00	-6.75	546.856	-4.00	126	+	1.42	8395251.54	333970.34	547.13	547.04	-0.09	6.75	546.856	-4.00	6.86	546.784	-66.67						
-7.08	547.287	100.00	-6.75	546.954	-4.00	127	+	0.00	8395248.20	333952.06	547.22	547.21	-0.01	6.75	546.954	-4.00	6.76	546.966	100.00						
-7.06	547.373	100.00	-6.75	547.068	-4.00	128	+	0.00	8395244.49	333932.41	547.34	547.37	0.03	6.75	547.068	-4.00	6.79	547.110	100.00						
-7.09	547.428	100.00	-6.75	547.086	-4.00	128	+	3.26	8395243.86	333929.21	547.36	547.41	0.05	6.75	547.086	-4.00	6.76	547.098	100.00						
-7.10	547.531	100.00	-6.75	547.181	-4.00	129	+	0.00	8395240.65	333912.78	547.45	547.55	0.09	6.75	547.181	-4.00	6.80	547.230	100.00						
-7.02	547.568	100.00	-6.75	547.295	-4.00	130	+	0.00	8395236.69	333893.17	547.57	547.71	0.15	6.75	547.295	-4.00	7.00	547.541	100.00						
-7.04	547.611	100.00	-6.75	547.324	-4.00	130	+	5.09	8395235.67	333888.19	547.59	547.77	0.17	6.75	547.324	-4.00	7.00	547.573	100.00						
-7.24	547.902	100.00	-6.75	547.408	-4.00	131	+	0.00	8395232.65	333873.59	547.68	547.88	0.20	6.75	547.408	-4.00	7.18	547.834	100.00						
-7.20	547.970	100.00	-6.75	547.522	-4.00	132	+	0.00	8395228.60	333854.00	547.79	547.96	0.17	6.75	547.522	-4.00	7.04	547.814	100.00						
-7.11	547.995	100.00	-6.75	547.635	-4.00	133	+	0.00	8395224.56	333834.41	547.91	548.09	0.19	6.75	547.635	-4.00	7.08	547.962	100.00						
-7.16	548.159	100.00	-6.75	547.749	-4.00	134	+	0.00	8395220.51	333814.83	548.02	548.11	0.09	6.75	547.749	-4.00	7.18	548.176	100.00						
-7.15	548.264	100.00	-6.75	547.862	-4.00	135	+	0.00	8395216.46	333795.24	548.13	548.14	0.01	6.75	547.862	-4.00	6.88	547.989	100.00						
-7.06	548.285	100.00	-6.75	547.976	-4.00	136	+	0.00	8395212.41	333775.66	548.25	548.05	-0.20	6.75	547.976	-4.00	6.82	548.049	100.00						
-7.05	548.385	100.00	-6.75	548.089	-4.00	137	+	0.00	8395208.37	333756.07	548.36	548.21	-0.15	6.75	548.089	-4.00	7.06	548.395	100.00						
-6.98	548.432	100.00	-6.75	548.203	-4.00	138	+	0.00	8395204.32	333736.48	548.47	548.16	-0.32	6.75	548.203	-4.00	6.76	548.210	100.00						
-6.87	548.426	100.00	-6.75	548.307	-4.00	139	+	0.00	8395200.27	333716.90	548.58	548.29	-0.28	6.75	548.307	-4.00	6.88	548.441	100.00						
-6.79	548.389	100.00	-6.75	548.347	-4.00	140	+	0.00	8395196.23	333697.31	548.62	548.23	-0.38	6.75	548.347	-4.00	6.87	548.264	-66.67						
-6.78	548.340	100.00	-6.75	548.313	-4.00	141	+	0.00	8395192.18	333677.72	548.58	548.07	-0.51	6.75	548.313	-4.00	6.78	548.291	-66.67						
-6.86	548.328	100.00	-6.75	548.214	-4.00	142	+	0.00	8395188.13	333658.14	548.48	548.01	-0.47	6.75	548.214	-4.00	6.95	548.083	-66.67						
-6.95	548.302	100.00	-6.75	548.106	-4.00	143	+	0.00	8395184.08	333638.55	548.38	548.01	-0.37	6.75	548.106	-4.00	6.79	548.077	-66.67						
-7.00	548.248	100.00	-6.75	547.998	-4.00	144	+	0.00	8395180.04	333618.97	548.27	547.93	-0.33	6.75	547.998	-4.00	6.97	548.217	100.00						
-7.01	548.149	100.00	-6.75	547.890	-4.00	145	+	0.00	8395175.99	333599.38	548.16	547.89	-0.27	6.75	547.890	-4.00	7.08	548.221	100.00						
-7.06	548.096	100.00	-6.75	547.782	-4.00	146	+	0.00	8395171.94	333579.79	548.05	547.89	-0.16	6.75	547.782	-4.00	7.06	548.089	100.00						
-7.16	548.088	100.00	-6.75	547.674	-4.00	147	+	0.00	8395167.90	333560.21	547.94	547.86	-0.08	6.75	547.674	-4.00	7.23	548.152	100.00						
-7.27	548.086	100.00	-6.75	547.566	-4.00	148	+	0.00	8395163.85	333540.62	547.84	547.90	0.06	6.75	547.566	-4.00	7.05	547.869	100.00						
-7.33	548.034	100.00	-6.75	547.458	-4.00	149	+	0.00	8395159.80	333521.03	547.73	547.93	0.21	6.75	547.458	-4.00	7.21	547.915	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.51	548.109	100.00	-6.75	547.350	-4.00	150	+	0.00	8395155.75	333501.45	547.62	547.91	0.29	6.75	547.350	-4.00	7.25	547.845	100.00						
-7.57	548.063	100.00	-6.75	547.242	-4.00	151	+	0.00	8395151.71	333481.86	547.51	547.66	0.15	6.75	547.242	-4.00	7.20	547.694	100.00						
-7.55	547.934	100.00	-6.75	547.134	-4.00	152	+	0.00	8395147.66	333462.28	547.40	547.54	0.13	6.75	547.134	-4.00	7.02	547.399	100.00						
-7.43	547.706	100.00	-6.75	547.026	-4.00	153	+	0.00	8395143.61	333442.69	547.30	547.30	0.00	6.75	547.026	-4.00	7.15	547.425	100.00						
-7.32	547.491	100.00	-6.75	546.918	-4.00	154	+	0.00	8395139.56	333423.10	547.19	547.21	0.02	6.75	546.918	-4.00	6.82	546.992	100.00						
-7.25	547.314	100.00	-6.75	546.810	-4.00	155	+	0.00	8395135.52	333403.52	547.08	547.02	-0.07	6.75	546.810	-4.00	6.87	546.730	-66.67						
-7.17	547.125	100.00	-6.75	546.702	-4.00	156	+	0.00	8395131.47	333383.93	546.97	546.79	-0.18	6.75	546.702	-4.00	7.24	546.376	-66.67						
-7.08	546.922	100.00	-6.75	546.594	-4.00	157	+	0.00	8395127.42	333364.35	546.86	546.72	-0.15	6.75	546.594	-4.00	7.55	546.064	-66.67						
-6.92	546.660	100.00	-6.75	546.486	-4.00	158	+	0.00	8395123.38	333344.76	546.76	546.40	-0.36	6.75	546.486	-4.00	7.71	545.845	-66.67						
-6.87	546.300	-66.67	-6.75	546.378	-4.00	159	+	0.00	8395119.33	333325.17	546.65	546.26	-0.38	6.75	546.378	-4.00	7.60	545.812	-66.67						
-7.05	546.070	-66.67	-6.75	546.270	-4.00	160	+	0.00	8395115.28	333305.59	546.54	546.00	-0.54	6.75	546.270	-4.00	7.57	545.724	-66.67						
-7.08	545.944	-66.67	-6.75	546.162	-4.00	161	+	0.00	8395111.23	333286.00	546.43	545.87	-0.56	6.75	546.162	-4.00	7.55	545.627	-66.67						
-7.28	545.698	-66.67	-6.75	546.054	-4.00	162	+	0.00	8395107.19	333266.41	546.32	545.68	-0.64	6.75	546.054	-4.00	8.04	545.191	-66.67						
-7.21	545.642	-66.67	-6.75	545.946	-4.00	163	+	0.00	8395103.14	333246.83	546.22	545.65	-0.57	6.75	545.946	-4.00	8.04	545.087	-66.67						
-7.23	545.547	-66.67	-6.75	545.869	-4.00	164	+	0.00	8395099.09	333227.24	546.14	545.64	-0.50	6.75	545.869	-4.00	7.64	545.274	-66.67						
-7.41	545.413	-66.67	-6.75	545.855	-4.00	165	+	0.00	8395095.04	333207.66	546.13	545.48	-0.65	6.75	545.855	-4.00	7.77	545.176	-66.67						
-7.30	545.536	-66.67	-6.75	545.904	-4.00	166	+	0.00	8395091.00	333188.07	546.17	545.51	-0.66	6.75	545.904	-4.00	7.82	545.188	-66.67						
-7.09	545.787	-66.67	-6.75	546.016	-4.00	167	+	0.00	8395086.95	333168.48	546.29	545.73	-0.55	6.75	546.016	-4.00	7.78	545.330	-66.67						
-7.24	545.830	-66.67	-6.75	546.159	-4.00	168	+	0.00	8395082.90	333148.90	546.43	545.87	-0.56	6.75	546.159	-4.00	7.57	545.615	-66.67						
-7.09	546.074	-66.67	-6.75	546.301	-4.00	169	+	0.00	8395078.86	333129.31	546.57	546.07	-0.50	6.75	546.301	-4.00	7.79	545.609	-66.67						
-7.02	546.264	-66.67	-6.75	546.444	-4.00	170	+	0.00	8395074.81	333109.72	546.71	546.25	-0.46	6.75	546.444	-4.00	7.49	545.951	-66.67						
-6.78	546.566	-66.67	-6.75	546.587	-4.00	171	+	0.00	8395070.76	333090.14	546.86	546.58	-0.28	6.75	546.587	-4.00	7.52	546.075	-66.67						
-6.86	546.838	100.00	-6.75	546.730	-4.00	172	+	0.00	8395066.71	333070.55	547.00	546.87	-0.13	6.75	546.730	-4.00	7.70	546.095	-66.67						
-7.05	547.173	100.00	-6.75	546.873	-4.00	173	+	0.00	8395062.67	333050.97	547.14	547.21	0.06	6.75	546.873	-4.00	7.48	546.387	-66.67						
-7.17	547.431	100.00	-6.75	547.016	-4.00	174	+	0.00	8395058.62	333031.38	547.29	547.38	0.09	6.75	547.016	-4.00	7.05	546.813	-66.67						
-7.11	547.520	100.00	-6.75	547.159	-4.00	175	+	0.00	8395054.57	333011.79	547.43	547.55	0.12	6.75	547.159	-4.00	6.81	547.122	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.07	547.620	100.00	-6.75	547.301	-4.00	176	+	0.00	8395050.53	332992.21	547.57	547.82	0.25	6.75	547.301	-4.00	6.76	547.308	100.00						
-7.24	547.934	100.00	-6.75	547.444	-4.00	177	+	0.00	8395046.48	332972.62	547.71	548.07	0.35	6.75	547.444	-4.00	7.14	547.184	-66.67						
-7.28	548.119	100.00	-6.75	547.587	-4.00	178	+	0.00	8395042.43	332953.03	547.86	548.27	0.42	6.75	547.587	-4.00	6.77	547.610	100.00						
-7.37	548.354	100.00	-6.75	547.730	-4.00	179	+	0.00	8395038.38	332933.45	548.00	548.50	0.50	6.75	547.730	-4.00	7.01	547.990	100.00						
-7.32	548.380	100.00	-6.75	547.810	-4.00	179	+	11.19	8395036.12	332922.49	548.08	548.56	0.48	6.75	547.810	-4.00	6.76	547.822	100.00						
-7.33	548.447	100.00	-6.75	547.873	-4.00	180	+	0.00	8395034.35	332913.86	548.14	548.60	0.46	6.75	547.873	-4.00	7.10	548.223	100.00						
-7.15	548.415	100.00	-6.75	548.016	-4.00	181	+	0.00	8395030.41	332894.25	548.29	548.73	0.44	6.75	548.016	-4.00	6.84	548.107	100.00						
-7.19	548.553	100.00	-6.75	548.116	-4.00	181	+	14.08	8395027.73	332880.43	548.39	548.82	0.43	6.75	548.116	-4.00	6.91	548.278	100.00						
-7.16	548.563	100.00	-6.75	548.159	-4.00	182	+	0.00	8395026.60	332874.62	548.43	548.85	0.42	6.75	548.159	-4.00	6.86	548.087	-66.67						
-7.21	548.765	100.00	-6.75	548.301	-4.00	183	+	0.00	8395022.91	332854.96	548.57	548.98	0.41	6.75	548.301	-4.00	6.81	548.262	-66.67						
-7.00	548.674	100.00	-6.75	548.423	-4.00	183	+	16.96	8395019.87	332838.27	548.69	549.06	0.36	6.75	548.423	-4.00	6.81	548.380	-66.67						
-6.93	548.628	100.00	-6.75	548.444	-4.00	184	+	0.00	8395019.34	332835.28	548.71	549.07	0.36	6.75	548.444	-4.00	6.92	548.330	-66.67						
-6.96	548.796	100.00	-6.75	548.587	-4.00	185	+	0.00	8395015.81	332815.60	548.86	549.20	0.35	6.75	548.587	-4.00	7.00	548.423	-66.67						
-7.10	549.079	100.00	-6.75	548.730	-4.00	186	+	0.00	8395012.28	332795.91	549.00	549.44	0.44	6.75	548.730	-4.00	6.77	548.718	-66.67						
-7.39	549.510	100.00	-6.75	548.873	-4.00	187	+	0.00	8395008.75	332776.22	549.14	549.71	0.57	6.75	548.873	-4.00	6.80	548.917	100.00						
-7.43	549.692	100.00	-6.75	549.016	-4.00	188	+	0.00	8395005.22	332756.54	549.29	550.10	0.81	6.75	549.016	-4.00	6.99	549.257	100.00						
-7.63	550.043	100.00	-6.75	549.159	-4.00	189	+	0.00	8395001.69	332736.85	549.43	550.42	0.99	6.75	549.159	-4.00	7.06	549.464	100.00						
-7.40	549.950	100.00	-6.75	549.301	-4.00	190	+	0.00	8394998.16	332717.17	549.57	550.23	0.66	6.75	549.301	-4.00	7.01	549.562	100.00						
-6.90	549.590	100.00	-6.75	549.444	-4.00	191	+	0.00	8394994.63	332697.48	549.71	550.00	0.29	6.75	549.444	-4.00	6.80	549.492	100.00						
-6.80	549.634	100.00	-6.75	549.587	-4.00	192	+	0.00	8394991.10	332677.79	549.86	549.82	-0.04	6.75	549.587	-4.00	7.36	549.178	-66.67						
-7.22	549.415	-66.67	-6.75	549.730	-4.00	193	+	0.00	8394987.58	332658.11	550.00	549.78	-0.22	6.75	549.730	-4.00	7.55	549.199	-66.67						
-7.30	549.505	-66.67	-6.75	549.873	-4.00	194	+	0.00	8394984.05	332638.42	550.14	549.83	-0.31	6.75	549.873	-4.00	7.42	549.427	-66.67						
-7.65	549.418	-66.67	-6.75	550.016	-4.00	195	+	0.00	8394980.52	332618.73	550.29	549.94	-0.34	6.75	550.016	-4.00	7.96	549.207	-66.67						
-7.44	549.677	-66.67	-6.75	550.138	-4.00	196	+	0.00	8394976.99	332599.05	550.41	549.96	-0.45	6.75	550.138	-4.00	7.68	549.520	-66.67						
-7.20	549.923	-66.67	-6.75	550.220	-4.00	197	+	0.00	8394973.46	332579.36	550.49	550.08	-0.41	6.75	550.220	-4.00	7.52	549.706	-66.67						
-7.56	549.721	-66.67	-6.75	550.261	-4.00	198	+	0.00	8394969.93	332559.68	550.53	550.04	-0.49	6.75	550.261	-4.00	7.90	549.496	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.49	549.766	-66.67	-6.75	550.261	-4.00	199	+	0.00	8394966.40	332539.99	550.53	549.96	-0.57	6.75	550.261	-4.00	8.06	549.390	-66.67						
-7.56	549.680	-66.67	-6.75	550.220	-4.00	200	+	0.00	8394962.87	332520.30	550.49	549.90	-0.59	6.75	550.220	-4.00	8.16	549.280	-66.67						
-7.70	549.504	-66.67	-6.75	550.139	-4.00	201	+	0.00	8394959.34	332500.62	550.41	549.67	-0.74	6.75	550.139	-4.00	8.04	549.282	-66.67						
-7.80	549.319	-66.67	-6.75	550.016	-4.00	202	+	0.00	8394955.81	332480.93	550.29	549.48	-0.81	6.75	550.016	-4.00	8.26	549.009	-66.67						
-7.69	549.225	-66.67	-6.75	549.853	-4.00	203	+	0.00	8394952.29	332461.25	550.12	549.26	-0.86	6.75	549.853	-4.00	8.36	548.782	-66.67						
-7.80	548.947	-66.67	-6.75	549.650	-4.00	204	+	0.00	8394948.76	332441.56	549.92	549.07	-0.85	6.75	549.650	-4.00	7.97	548.838	-66.67						
-7.94	548.612	-66.67	-6.75	549.405	-4.00	205	+	0.00	8394945.23	332421.87	549.68	548.88	-0.80	6.75	549.405	-4.00	7.84	548.678	-66.67						
-7.66	548.532	-66.67	-6.75	549.140	-4.00	206	+	0.00	8394941.70	332402.19	549.41	548.65	-0.76	6.75	549.140	-4.00	8.07	548.258	-66.67						
-7.57	548.331	-66.67	-6.75	548.875	-4.00	207	+	0.00	8394938.17	332382.50	549.15	548.53	-0.62	6.75	548.875	-4.00	7.92	548.098	-66.67						
-7.65	548.012	-66.67	-6.75	548.610	-4.00	208	+	0.00	8394934.64	332362.81	548.88	548.28	-0.61	6.75	548.610	-4.00	7.95	547.811	-66.67						
-7.50	547.843	-66.67	-6.75	548.345	-4.00	209	+	0.00	8394931.11	332343.13	548.62	548.06	-0.55	6.75	548.345	-4.00	8.06	547.471	-66.67						
-7.34	547.690	-66.67	-6.75	548.080	-4.00	210	+	0.00	8394927.58	332323.44	548.35	547.88	-0.47	6.75	548.080	-4.00	7.58	547.530	-66.67						
-7.12	547.568	-66.67	-6.75	547.815	-4.00	211	+	0.00	8394924.05	332303.76	548.09	547.65	-0.44	6.75	547.815	-4.00	7.54	547.286	-66.67						
-7.36	547.143	-66.67	-6.75	547.550	-4.00	212	+	0.00	8394920.52	332284.07	547.82	547.47	-0.35	6.75	547.550	-4.00	7.63	546.964	-66.67						
-7.45	546.818	-66.67	-6.75	547.285	-4.00	213	+	0.00	8394917.00	332264.38	547.56	547.31	-0.25	6.75	547.285	-4.00	7.44	546.822	-66.67						
-7.13	546.769	-66.67	-6.75	547.020	-4.00	214	+	0.00	8394913.47	332244.70	547.29	547.05	-0.24	6.75	547.020	-4.00	7.27	546.677	-66.67						
-7.19	546.464	-66.67	-6.75	546.755	-4.00	215	+	0.00	8394909.94	332225.01	547.03	546.84	-0.19	6.75	546.755	-4.00	7.21	546.450	-66.67						
-7.21	546.181	-66.67	-6.75	546.490	-4.00	216	+	0.00	8394906.41	332205.32	546.76	546.60	-0.16	6.75	546.490	-4.00	7.31	546.116	-66.67						
-6.95	546.092	-66.67	-6.75	546.225	-4.00	217	+	0.00	8394902.88	332185.64	546.50	546.29	-0.21	6.75	546.225	-4.00	7.09	545.997	-66.67						
-6.76	545.951	-66.67	-6.75	545.960	-4.00	218	+	0.00	8394899.35	332165.95	546.23	546.07	-0.16	6.75	545.960	-4.00	7.13	545.706	-66.67						
-6.99	545.538	-66.67	-6.75	545.695	-4.00	219	+	0.00	8394895.82	332146.27	545.97	545.84	-0.12	6.75	545.695	-4.00	7.06	545.491	-66.67						
-6.79	545.483	100.00	-6.75	545.447	-4.00	220	+	0.00	8394892.29	332126.58	545.72	545.54	-0.18	6.75	545.447	-4.00	7.13	545.195	-66.67						
-6.94	545.100	-66.67	-6.75	545.226	-4.00	221	+	0.00	8394888.76	332106.89	545.50	545.28	-0.22	6.75	545.226	-4.00	7.23	544.906	-66.67						
-7.03	544.835	-66.67	-6.75	545.021	-4.00	222	+	0.00	8394885.24	332087.21	545.29	545.02	-0.27	6.75	545.021	-4.00	7.14	544.764	-66.67						
-6.92	544.705	-66.67	-6.75	544.817	-4.00	223	+	0.00	8394881.71	332067.52	545.09	544.81	-0.28	6.75	544.817	-4.00	7.12	544.572	-66.67						
-6.82	544.563	-66.67	-6.75	544.612	-4.00	224	+	0.00	8394878.18	332047.83	544.88	544.60	-0.28	6.75	544.612	-4.00	7.38	544.190	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.23	544.089	-66.67	-6.75	544.408	-4.00	225	+	0.00	8394874.65	332028.15	544.68	544.34	-0.34	6.75	544.408	-4.00	7.09	544.183	-66.67						
-7.25	543.873	-66.67	-6.75	544.203	-4.00	226	+	0.00	8394871.12	332008.46	544.47	544.08	-0.39	6.75	544.203	-4.00	7.00	544.035	-66.67						
-7.00	543.831	-66.67	-6.75	543.999	-4.00	227	+	0.00	8394867.59	331988.78	544.27	543.80	-0.47	6.75	543.999	-4.00	7.38	543.578	-66.67						
-7.36	543.386	-66.67	-6.75	543.794	-4.00	228	+	0.00	8394864.06	331969.09	544.06	543.62	-0.44	6.75	543.794	-4.00	7.17	543.512	-66.67						
-7.23	543.270	-66.67	-6.75	543.590	-4.00	229	+	0.00	8394860.53	331949.40	543.86	543.32	-0.54	6.75	543.653	-3.06	7.26	543.311	-66.67						
-7.20	543.083	-66.67	-6.75	543.386	-4.00	230	+	0.00	8394857.00	331929.72	543.66	543.09	-0.57	6.75	543.603	-0.78	7.72	542.957	-66.67						
-7.30	542.949	-66.67	-6.75	543.315	-4.00	230	+	6.89	8394855.79	331922.94	543.59	542.97	-0.61	6.75	543.585	0.00	7.74	542.928	-66.67						
-7.68	542.564	-66.67	-6.75	543.181	-4.00	231	+	0.00	8394853.46	331910.03	543.45	542.79	-0.66	6.75	543.552	1.49	8.14	542.624	-66.67						
-7.41	542.538	-66.67	-6.75	542.977	-4.00	232	+	0.00	8394849.69	331890.39	543.25	542.26	-0.99	6.75	543.501	3.77	8.31	542.464	-66.67						
-7.32	542.253	-66.67	-6.75	542.634	-6.04	233	+	0.00	8394845.36	331870.87	543.04	541.95	-1.09	6.75	543.450	6.04	8.49	542.293	-66.67						
-7.30	542.182	-66.67	-6.75	542.547	-6.60	233	+	4.89	8394844.18	331866.13	542.99	541.75	-1.24	6.75	543.438	6.60	8.52	542.260	-66.67						
-7.53	541.870	-66.67	-6.75	542.392	-6.60	234	+	0.00	8394840.17	331851.56	542.84	541.70	-1.14	6.75	543.283	6.60	8.69	541.988	-66.67						
-7.60	541.621	-66.67	-6.75	542.188	-6.60	235	+	0.00	8394834.02	331832.53	542.63	541.62	-1.01	6.75	543.079	6.60	9.01	541.570	-66.67						
-7.54	541.455	-66.67	-6.75	541.983	-6.60	236	+	0.00	8394826.92	331813.83	542.43	541.34	-1.09	6.75	542.874	6.60	9.19	541.245	-66.67						
-7.66	541.225	-66.67	-6.75	541.828	-6.60	236	+	15.19	8394820.83	331799.92	542.27	540.85	-1.42	6.75	542.719	6.60	9.24	541.059	-66.67						
-7.84	541.056	-66.67	-6.75	541.779	-6.60	237	+	0.00	8394818.90	331795.51	542.22	540.80	-1.42	6.75	542.670	6.60	9.21	541.031	-66.67						
-8.41	540.469	-66.67	-6.75	541.575	-6.60	238	+	0.00	8394809.98	331777.62	542.02	540.39	-1.63	6.75	542.466	6.60	9.24	540.808	-66.67						
-8.98	539.881	-66.67	-6.75	541.370	-6.60	239	+	0.00	8394800.17	331760.19	541.82	540.08	-1.74	6.75	542.261	6.60	9.74	540.266	-66.67						
-9.05	539.633	-66.67	-6.75	541.166	-6.60	240	+	0.00	8394789.50	331743.27	541.61	539.94	-1.67	6.75	542.057	6.60	9.83	540.003	-66.67						
-8.98	539.622	-66.67	-6.75	541.109	-6.60	240	+	5.49	8394786.42	331738.72	541.56	539.88	-1.67	6.75	542.000	6.60	9.95	539.865	-66.67						
-9.15	539.474	-66.67	-6.75	541.073	-4.95	241	+	0.00	8394778.02	331726.90	541.41	539.78	-1.63	6.75	541.741	4.95	9.98	539.586	-66.67						
-9.16	539.327	-66.67	-6.75	540.932	-4.00	242	+	0.00	8394765.93	331710.97	541.20	539.50	-1.71	6.75	541.383	2.67	9.83	539.332	-66.67						
-9.57	538.847	-66.67	-6.75	540.728	-4.00	243	+	0.00	8394753.52	331695.28	541.00	539.27	-1.73	6.75	541.025	0.40	9.86	538.953	-66.67						
-9.53	538.836	-66.67	-6.75	540.692	-4.00	243	+	3.49	8394751.34	331692.55	540.96	539.23	-1.73	6.75	540.962	0.00	9.82	538.919	-66.67						
-9.48	538.706	-66.67	-6.75	540.523	-4.00	244	+	0.00	8394741.04	331679.65	540.79	539.07	-1.72	6.75	540.667	-1.88	9.65	538.734	-66.67						
-8.99	538.828	-66.67	-6.75	540.319	-4.00	245	+	0.00	8394728.56	331664.03	540.59	538.84	-1.75	6.75	540.319	-4.00	9.36	538.581	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																									
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO											
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																									
-9.61	538.208	-66.67	-6.75	540.114	-4.00	246	+	0.00	8394716.08	331648.40	540.38	538.64	-1.74	6.75	540.114	-4.00	9.37	538.365	-66.67						
-9.81	537.867	-66.67	-6.75	539.910	-4.00	247	+	0.00	8394703.60	331632.77	540.18	538.41	-1.77	6.75	539.910	-4.00	9.51	538.068	-66.67						
-9.57	537.825	-66.67	-6.75	539.706	-4.00	248	+	0.00	8394691.12	331617.14	539.98	538.21	-1.77	6.75	539.706	-4.00	9.16	538.097	-66.67						
-9.63	537.581	-66.67	-6.75	539.501	-4.00	249	+	0.00	8394678.64	331601.51	539.77	538.07	-1.70	6.75	539.501	-4.00	9.35	537.766	-66.67						
-9.12	537.715	-66.67	-6.75	539.297	-4.00	250	+	0.00	8394666.16	331585.89	539.57	537.87	-1.69	6.75	539.297	-4.00	9.10	537.728	-66.67						
-9.56	537.218	-66.67	-6.75	539.092	-4.00	251	+	0.00	8394653.68	331570.26	539.36	537.80	-1.56	6.75	539.092	-4.00	9.14	537.501	-66.67						
-9.02	537.376	-66.67	-6.75	538.888	-4.00	252	+	0.00	8394641.20	331554.63	539.16	537.63	-1.53	6.75	538.888	-4.00	9.18	537.270	-66.67						
-9.27	537.004	-66.67	-6.75	538.683	-4.00	253	+	0.00	8394628.72	331539.00	538.95	537.48	-1.47	6.75	538.683	-4.00	8.91	537.244	-66.67						
-9.12	536.897	-66.67	-6.75	538.479	-4.00	254	+	0.00	8394616.24	331523.37	538.75	537.28	-1.47	6.75	538.479	-4.00	8.79	537.119	-66.67						
-8.50	537.110	-66.67	-6.75	538.274	-4.00	255	+	0.00	8394603.76	331507.74	538.54	537.17	-1.38	6.75	538.274	-4.00	8.65	537.006	-66.67						
-8.77	536.721	-66.67	-6.75	538.070	-4.00	256	+	0.00	8394591.28	331492.12	538.34	537.05	-1.29	6.75	538.070	-4.00	8.33	537.015	-66.67						
-8.49	536.703	-66.67	-6.75	537.866	-4.00	257	+	0.00	8394578.79	331476.49	538.14	536.86	-1.27	6.75	537.866	-4.00	8.45	536.731	-66.67						
-8.63	536.411	-66.67	-6.75	537.661	-4.00	258	+	0.00	8394566.31	331460.86	537.93	536.71	-1.22	6.75	537.661	-4.00	8.47	536.514	-66.67						
-8.33	536.406	-66.67	-6.75	537.457	-4.00	259	+	0.00	8394553.83	331445.23	537.73	536.63	-1.10	6.75	537.457	-4.00	8.22	536.474	-66.67						
-8.06	536.380	-66.67	-6.75	537.252	-4.00	260	+	0.00	8394541.35	331429.60	537.52	536.49	-1.03	6.75	537.252	-4.00	8.45	536.121	-66.67						
-8.12	536.134	-66.67	-6.75	537.048	-4.00	261	+	0.00	8394528.87	331413.98	537.32	536.38	-0.94	6.75	537.048	-4.00	8.00	536.215	-66.67						
-7.72	536.198	-66.67	-6.75	536.843	-4.00	262	+	0.00	8394516.39	331398.35	537.11	536.30	-0.82	6.75	536.843	-4.00	8.05	535.979	-66.67						
-7.71	536.008	-66.67	-6.75	536.647	-4.00	263	+	0.00	8394503.91	331382.72	536.92	536.22	-0.70	6.75	536.647	-4.00	7.74	535.984	-66.67						
-7.71	535.863	-66.67	-6.75	536.503	-4.00	264	+	0.00	8394491.43	331367.09	536.77	536.22	-0.56	6.75	536.503	-4.00	7.75	535.837	-66.67						
-7.68	535.801	-66.67	-6.75	536.420	-4.00	265	+	0.00	8394478.95	331351.46	536.69	536.17	-0.52	6.75	536.420	-4.00	7.44	535.959	-66.67						
-7.73	535.748	-66.67	-6.75	536.399	-4.00	266	+	0.00	8394466.47	331335.84	536.67	536.13	-0.54	6.75	536.399	-4.00	7.49	535.904	-66.67						
-8.08	535.552	-66.67	-6.75	536.438	-4.00	267	+	0.00	8394453.99	331320.21	536.71	536.08	-0.63	6.75	536.438	-4.00	7.68	535.815	-66.67						
-9.54	534.669	-66.67	-6.75	536.530	-4.00	268	+	0.00	8394441.51	331304.58	536.80	535.97	-0.83	6.75	536.530	-4.00	7.72	535.885	-66.67						
-8.04	535.786	-66.67	-6.75	536.647	-3.75	269	+	0.00	8394429.03	331288.95	536.90	535.89	-1.01	6.75	536.630	-4.00	9.10	535.067	-66.67						
-8.25	535.846	-66.67	-6.75	536.843	-2.32	270	+	0.00	8394416.55	331273.32	537.00	535.84	-1.16	6.75	536.730	-4.00	8.90	535.296	-66.67						
-8.87	535.630	-66.67	-6.75	537.040	-0.89	271	+	0.00	8394404.07	331257.70	537.10	535.84	-1.26	6.75	536.830	-4.00	8.65	535.562	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.57	535.952	-66.67	-6.75	537.162	0.00	271	+	12.47	8394396.29	331247.95	537.16	535.81	-1.35	6.75	536.892	-4.00	8.74	535.563	-66.67						
-8.64	535.976	-66.67	-6.75	537.236	0.54	272	+	0.00	8394391.59	331242.07	537.20	535.82	-1.38	6.75	536.930	-4.00	9.11	535.354	-66.67						
-8.73	536.116	-66.67	-6.75	537.433	1.97	273	+	0.00	8394379.17	331226.39	537.30	535.93	-1.37	6.75	537.030	-4.00	9.04	535.506	-66.67						
-8.80	536.265	-66.67	-6.75	537.629	3.40	274	+	0.00	8394366.96	331210.55	537.40	536.00	-1.40	6.75	537.130	-4.00	8.44	536.006	-66.67						
-8.92	536.382	-66.67	-6.75	537.826	4.82	275	+	0.00	8394355.11	331194.44	537.50	536.19	-1.31	6.75	537.174	-4.82	8.40	536.074	-66.67						
-9.04	536.323	-66.67	-6.75	537.850	5.00	275	+	2.47	8394353.68	331192.42	537.51	536.21	-1.30	6.75	537.175	-5.00	8.34	536.118	-66.67						
-9.15	536.341	-66.67	-6.75	537.938	5.00	276	+	0.00	8394343.77	331177.97	537.60	536.29	-1.31	6.75	537.263	-5.00	8.51	536.091	-66.67						
-9.22	536.388	-66.67	-6.75	538.038	5.00	277	+	0.00	8394332.98	331161.12	537.70	536.31	-1.39	6.75	537.363	-5.00	8.83	535.978	-66.67						
-9.34	536.414	-66.67	-6.75	538.138	5.00	278	+	0.00	8394322.76	331143.93	537.80	536.30	-1.51	6.75	537.463	-5.00	9.22	535.814	-66.67						
-9.51	536.400	-66.67	-6.75	538.238	5.00	279	+	0.00	8394313.12	331126.41	537.90	536.30	-1.60	6.75	537.563	-5.00	8.99	536.070	-66.67						
-9.78	536.315	-66.67	-6.75	538.338	5.00	280	+	0.00	8394304.07	331108.58	538.00	536.32	-1.68	6.75	537.663	-5.00	8.94	536.205	-66.67						
-9.84	536.381	-66.67	-6.75	538.438	5.00	281	+	0.00	8394295.62	331090.45	538.10	536.35	-1.75	6.75	537.763	-5.00	9.21	536.125	-66.67						
-9.88	536.452	-66.67	-6.75	538.538	5.00	282	+	0.00	8394287.78	331072.06	538.20	536.34	-1.86	6.75	537.863	-5.00	9.72	535.884	-66.67						
-9.88	536.464	-66.67	-6.75	538.552	5.00	282	+	2.90	8394286.73	331069.35	538.21	536.36	-1.86	6.75	537.877	-5.00	9.55	536.010	-66.67						
-10.16	536.363	-66.67	-6.75	538.636	5.00	283	+	0.00	8394280.55	331053.41	538.30	536.34	-1.96	6.75	537.961	-5.00	9.52	536.116	-66.67						
-10.26	536.380	-66.67	-6.75	538.721	5.00	284	+	0.00	8394273.95	331034.53	538.38	536.30	-2.08	6.75	538.046	-5.00	9.82	535.997	-66.67						
-10.35	536.396	-66.67	-6.75	538.793	5.00	285	+	0.00	8394267.98	331015.44	538.46	536.27	-2.19	6.75	538.118	-5.00	9.96	535.977	-66.67						
-10.46	536.377	-66.67	-6.75	538.849	5.00	286	+	0.00	8394262.65	330996.17	538.51	536.19	-2.32	6.75	538.174	-5.00	9.91	536.065	-66.67						
-10.60	536.323	-66.67	-6.75	538.892	5.00	287	+	0.00	8394257.97	330976.72	538.55	536.22	-2.34	6.75	538.217	-5.00	10.14	535.955	-66.67						
-10.51	536.415	-66.67	-6.75	538.920	5.00	288	+	0.00	8394253.94	330957.13	538.58	535.94	-2.65	6.75	538.245	-5.00	10.22	535.932	-66.67						
-10.71	536.292	-66.67	-6.75	538.933	5.00	289	+	0.00	8394250.56	330937.42	538.60	535.94	-2.66	6.75	538.258	-5.00	10.41	535.818	-66.67						
-10.68	536.312	-66.67	-6.75	538.934	5.00	289	+	3.33	8394250.06	330934.13	538.60	535.90	-2.69	6.75	538.259	-5.00	10.45	535.795	-66.67						
-10.89	536.091	-66.67	-6.75	538.852	3.81	290	+	0.00	8394247.83	330917.61	538.60	535.69	-2.91	6.75	538.325	-4.00	10.65	535.725	-66.67						
-10.90	535.971	-66.67	-6.75	538.740	2.38	291	+	0.00	8394245.59	330897.74	538.58	535.71	-2.87	6.75	538.310	-4.00	10.78	535.621	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-10.79	535.920	-66.67	-6.75	538.614	0.95	292	+	0.00	8394243.68	330877.83	538.55	535.57	-2.98	6.75	538.280	-4.00	11.02	535.434	-66.67						
-10.72	535.878	-66.67	-6.75	538.522	0.00	292	+	13.33	8394242.48	330864.55	538.52	535.54	-2.98	6.75	538.252	-4.00	11.03	535.398	-66.67						
-10.82	535.741	-66.67	-6.75	538.452	-0.81	293	+	0.00	8394241.89	330857.91	538.51	535.51	-3.00	6.75	538.236	-4.00	10.99	535.411	-66.67						
-10.76	535.554	-66.67	-6.75	538.230	-3.23	294	+	0.00	8394240.11	330837.99	538.45	535.55	-2.90	6.75	538.178	-4.00	11.13	535.255	-66.67						
-10.38	535.686	-66.67	-6.75	538.105	-4.00	295	+	0.00	8394238.33	330818.07	538.38	535.50	-2.88	6.75	538.105	-4.00	10.96	535.300	-66.67						
-10.41	535.580	-66.67	-6.75	538.018	-4.00	296	+	0.00	8394236.55	330798.15	538.29	535.53	-2.76	6.75	538.018	-4.00	11.08	535.133	-66.67						
-10.27	535.609	-66.67	-6.75	537.956	-3.41	297	+	0.00	8394234.77	330778.23	538.19	535.47	-2.71	6.75	537.916	-4.00	10.92	535.135	-66.67						
-10.20	535.579	-66.67	-6.75	537.881	-2.82	298	+	0.00	8394232.99	330758.31	538.07	535.51	-2.57	6.75	537.802	-4.00	10.68	535.180	-66.67						
-10.11	535.566	-66.67	-6.75	537.805	-2.23	299	+	0.00	8394231.21	330738.38	537.96	535.54	-2.41	6.75	537.686	-4.00	10.60	535.117	-66.67						
-9.95	535.597	-66.67	-6.75	537.729	-1.64	300	+	0.00	8394229.43	330718.46	537.84	535.55	-2.30	6.75	537.570	-4.00	10.32	535.190	-66.67						
-9.91	535.545	-66.67	-6.75	537.653	-1.05	301	+	0.00	8394227.65	330698.54	537.72	535.52	-2.20	6.75	537.454	-4.00	10.24	535.127	-66.67						
-9.85	535.512	-66.67	-6.75	537.577	-0.46	302	+	0.00	8394225.87	330678.62	537.61	535.46	-2.14	6.75	537.338	-4.00	9.96	535.201	-66.67						
-9.71	535.545	-66.67	-6.75	537.518	0.00	302	+	15.48	8394224.49	330663.20	537.52	535.39	-2.12	6.75	537.248	-4.00	10.03	535.062	-66.67						
-10.00	535.334	-66.67	-6.75	537.503	0.16	303	+	0.00	8394224.09	330658.70	537.49	535.37	-2.13	6.75	537.222	-4.00	10.19	534.926	-66.67						
-10.33	535.047	-66.67	-6.75	537.434	0.85	304	+	0.00	8394222.33	330638.78	537.38	535.33	-2.04	6.75	537.106	-4.00	9.90	535.008	-66.67						
-9.78	535.348	-66.67	-6.75	537.365	1.55	305	+	0.00	8394220.65	330618.85	537.26	535.40	-1.86	6.75	536.990	-4.00	9.71	535.017	-66.67						
-10.11	535.054	-66.67	-6.75	537.295	2.24	306	+	0.00	8394219.13	330598.91	537.14	535.35	-1.80	6.75	536.874	-4.00	9.94	534.749	-66.67						
-10.20	534.927	-66.67	-6.75	537.226	2.94	307	+	0.00	8394217.84	330578.95	537.03	535.37	-1.66	6.75	536.758	-4.00	9.61	534.851	-66.67						
-10.90	534.389	-66.67	-6.75	537.157	3.64	308	+	0.00	8394216.84	330558.97	536.91	535.24	-1.67	6.75	536.642	-4.00	10.35	534.240	-66.67						
-10.75	534.453	-66.67	-6.75	537.121	4.00	308	+	10.48	8394216.45	330548.50	536.85	535.16	-1.69	6.75	536.581	-4.00	9.68	534.627	-66.67						
-10.46	534.594	-66.67	-6.75	537.066	4.00	309	+	0.00	8394216.20	330538.99	536.80	535.05	-1.74	6.75	536.526	-4.00	9.32	534.810	-66.67						
-9.96	534.815	-66.67	-6.75	536.953	4.00	309	+	19.55	8394215.96	330519.44	536.68	534.84	-1.85	6.75	536.413	-4.00	9.16	534.805	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																									
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO											
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																									
-9.96	534.812	-66.67	-6.75	536.950	4.00	310	+	0.00	8394215.95	330518.99	536.68	534.84	-1.84	6.75	536.410	-4.00	9.16	534.803	-66.67						
-9.81	534.795	-66.67	-6.75	536.834	4.00	311	+	0.00	8394216.11	330498.99	536.56	534.84	-1.72	6.75	536.294	-4.00	9.03	534.775	-66.67						
-9.18	535.164	-66.67	-6.75	536.784	4.00	311	+	8.61	8394216.30	330490.38	536.51	534.85	-1.66	6.75	536.244	-4.00	9.06	534.705	-66.67						
-9.17	535.081	-66.67	-6.75	536.691	3.60	312	+	0.00	8394216.67	330479.00	536.45	534.88	-1.56	6.75	536.178	-4.00	8.97	534.697	-66.67						
-9.03	535.019	-66.67	-6.75	536.537	2.91	313	+	0.00	8394217.58	330459.02	536.34	534.98	-1.36	6.75	536.070	-4.00	8.70	534.772	-66.67						
-8.68	535.156	-66.67	-6.75	536.442	2.21	314	+	0.00	8394218.79	330439.05	536.29	535.06	-1.23	6.75	536.022	-4.00	8.48	534.872	-66.67						
-8.49	535.257	-66.67	-6.75	536.414	1.52	315	+	0.00	8394220.21	330419.10	536.31	535.17	-1.14	6.75	536.042	-4.00	8.34	534.982	-66.67						
-8.68	535.168	-66.67	-6.75	536.454	0.82	316	+	0.00	8394221.79	330399.17	536.40	535.32	-1.08	6.75	536.129	-4.00	8.30	535.097	-66.67						
-8.42	535.451	-66.67	-6.75	536.562	0.13	317	+	0.00	8394223.45	330379.24	536.55	535.41	-1.14	6.75	536.283	-4.00	8.23	535.297	-66.67						
-8.41	535.481	-66.67	-6.75	536.589	0.00	317	+	3.61	8394223.75	330375.64	536.59	535.44	-1.15	6.75	536.319	-4.00	8.40	535.221	-66.67						
-8.19	535.775	-66.67	-6.75	536.735	-0.48	318	+	0.00	8394225.13	330359.31	536.77	535.65	-1.12	6.75	536.498	-4.00	8.34	535.437	-66.67						
-8.18	535.964	-66.67	-6.75	536.917	-1.08	319	+	0.00	8394226.81	330339.38	536.99	535.93	-1.06	6.75	536.720	-4.00	8.18	535.769	-66.67						
-7.96	536.294	-66.67	-6.75	537.100	-1.67	320	+	0.00	8394228.49	330319.45	537.21	536.19	-1.03	6.75	536.943	-4.00	8.16	536.005	-66.67						
-7.74	536.624	-66.67	-6.75	537.283	-2.26	321	+	0.00	8394230.16	330299.52	537.44	536.57	-0.86	6.75	537.165	-4.00	8.03	536.309	-66.67						
-7.53	536.944	-66.67	-6.75	537.465	-2.85	322	+	0.00	8394231.84	330279.59	537.66	536.98	-0.67	6.75	537.388	-4.00	7.84	536.659	-66.67						
-7.14	537.388	-66.67	-6.75	537.648	-3.44	323	+	0.00	8394233.52	330259.66	537.88	537.34	-0.54	6.75	537.610	-4.00	8.03	536.759	-66.67						
-7.08	537.611	-66.67	-6.75	537.833	-4.00	324	+	0.00	8394235.20	330239.73	538.10	537.82	-0.28	6.75	537.833	-4.00	7.36	537.426	-66.67						
-6.77	538.074	100.00	-6.75	538.055	-4.00	325	+	0.00	8394236.88	330219.80	538.33	538.19	-0.13	6.75	538.055	-4.00	7.45	537.588	-66.67						
-6.80	538.136	100.00	-6.75	538.086	-4.00	325	+	2.78	8394237.11	330217.03	538.36	538.23	-0.13	6.75	538.086	-4.00	7.28	537.734	-66.67						
-6.76	538.285	100.00	-6.75	538.278	-4.00	326	+	0.00	8394238.55	330199.87	538.55	538.40	-0.15	6.75	538.315	-3.45	7.92	537.537	-66.67						
-6.84	538.585	100.00	-6.75	538.500	-4.00	327	+	0.00	8394240.16	330179.94	538.77	538.64	-0.13	6.75	538.640	-1.92	7.98	537.820	-66.67						
-6.82	538.794	100.00	-6.75	538.723	-4.00	328	+	0.00	8394241.64	330159.99	538.99	538.87	-0.12	6.75	538.965	-0.40	8.60	537.732	-66.67						
-6.90	539.095	100.00	-6.75	538.945	-4.00	329	+	0.00	8394242.92	330140.03	539.22	539.14	-0.07	6.75	539.291	1.12	8.57	538.080	-66.67						
-6.99	539.406	100.00	-6.75	539.168	-4.00	330	+	0.00	8394243.94	330120.06	539.44	539.41	-0.03	6.75	539.616	2.65	7.85	538.881	-66.67						
-7.02	539.637	100.00	-6.75	539.365	-4.00	330	+	17.78	8394244.56	330102.29	539.64	539.57	-0.07	6.75	539.905	4.00	8.70	538.605	-66.67						
-7.02	539.656	100.00	-6.75	539.390	-4.00	331	+	0.00	8394244.62	330100.07	539.66	539.64	-0.02	6.75	539.930	4.00	8.63	538.675	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.00	539.702	100.00	-6.75	539.450	-4.00	331	+	5.38	8394244.71	330094.69	539.72	539.64	-0.08	6.75	539.990	4.00	8.50	538.824	-66.67						
-7.01	539.792	100.00	-6.75	539.534	-4.00	331	+	12.97	8394244.85	330087.10	539.80	539.71	-0.09	6.75	540.074	4.00	8.27	539.060	-66.67						
-7.10	539.967	100.00	-6.75	539.613	-4.00	332	+	0.00	8394244.90	330080.07	539.88	539.86	-0.03	6.75	540.148	3.93	8.18	539.197	-66.67						
-7.13	540.218	100.00	-6.75	539.835	-4.00	333	+	0.00	8394244.82	330060.07	540.11	540.14	0.03	6.75	540.321	3.20	8.25	539.322	-66.67						
-7.16	540.463	100.00	-6.75	540.058	-4.00	334	+	0.00	8394244.43	330040.08	540.33	540.41	0.08	6.75	540.494	2.47	8.43	539.374	-66.67						
-7.21	540.735	100.00	-6.75	540.280	-4.00	335	+	0.00	8394243.80	330020.09	540.55	540.66	0.11	6.75	540.668	1.75	7.96	539.860	-66.67						
-7.21	540.963	100.00	-6.75	540.503	-4.00	336	+	0.00	8394243.00	330000.10	540.77	540.96	0.19	6.75	540.841	1.02	7.99	540.016	-66.67						
-7.18	541.150	100.00	-6.75	540.725	-4.00	337	+	0.00	8394242.11	329980.12	541.00	541.17	0.17	6.75	541.015	0.29	7.64	540.419	-66.67						
-7.06	541.119	100.00	-6.75	540.814	-4.00	337	+	7.97	8394241.74	329972.16	541.08	541.27	0.19	6.75	541.084	0.00	7.71	540.443	-66.67						
-6.91	541.107	100.00	-6.75	540.948	-4.00	338	+	0.00	8394241.19	329960.14	541.22	541.47	0.25	6.75	541.193	-0.36	7.23	540.873	-66.67						
-6.97	541.394	100.00	-6.75	541.170	-4.00	339	+	0.00	8394240.26	329940.16	541.44	541.67	0.23	6.75	541.376	-0.95	7.60	540.811	-66.67						
-6.97	541.616	100.00	-6.75	541.393	-4.00	340	+	0.00	8394239.34	329920.19	541.66	541.81	0.15	6.75	541.559	-1.54	7.74	540.897	-66.67						
-6.89	541.758	100.00	-6.75	541.615	-4.00	341	+	0.00	8394238.42	329900.21	541.89	541.95	0.07	6.75	541.741	-2.13	7.36	541.335	-66.67						
-7.08	541.617	-66.67	-6.75	541.838	-4.00	342	+	0.00	8394237.49	329880.23	542.11	542.05	-0.06	6.75	541.924	-2.72	7.05	541.723	-66.67						
-6.84	541.998	-66.67	-6.75	542.060	-4.00	343	+	0.00	8394236.57	329860.25	542.33	542.15	-0.18	6.75	542.106	-3.31	7.12	541.857	-66.67						
-7.17	542.001	-66.67	-6.75	542.283	-4.00	344	+	0.00	8394235.65	329840.27	542.55	542.15	-0.41	6.75	542.289	-3.90	7.42	541.841	-66.67						
-7.55	541.971	-66.67	-6.75	542.505	-4.00	345	+	0.00	8394234.72	329820.29	542.78	542.20	-0.58	6.75	542.505	-4.00	7.59	541.945	-66.67						
-7.48	542.243	-66.67	-6.75	542.728	-4.00	346	+	0.00	8394233.80	329800.31	543.00	542.32	-0.68	6.75	542.728	-4.00	7.87	541.979	-66.67						
-7.58	542.395	-66.67	-6.75	542.950	-4.00	347	+	0.00	8394232.88	329780.34	543.22	542.43	-0.79	6.75	542.950	-4.00	8.10	542.053	-66.67						
-8.04	542.306	-66.67	-6.75	543.169	-4.00	348	+	0.00	8394231.95	329760.36	543.44	542.43	-1.01	6.75	543.169	-4.00	8.41	542.064	-66.67						
-8.27	542.350	-66.67	-6.75	543.362	-4.00	349	+	0.00	8394231.03	329740.38	543.63	542.47	-1.16	6.75	543.362	-4.00	8.28	542.345	-66.67						
-9.29	541.834	-66.67	-6.75	543.527	-4.00	350	+	0.00	8394230.11	329720.40	543.80	542.65	-1.14	6.75	543.527	-4.00	8.43	542.404	-66.67						
-9.10	542.097	-66.67	-6.75	543.662	-4.00	351	+	0.00	8394229.18	329700.42	543.93	542.76	-1.17	6.75	543.662	-4.00	8.58	542.440	-66.67						
-9.04	542.244	-66.67	-6.75	543.769	-4.00	352	+	0.00	8394228.26	329680.44	544.04	542.79	-1.25	6.75	543.769	-4.00	8.79	542.412	-66.67						
-9.37	542.099	-66.67	-6.75	543.846	-4.00	353	+	0.00	8394227.34	329660.46	544.12	542.80	-1.31	6.75	543.846	-4.00	8.74	542.523	-66.67						
-9.02	542.379	-66.67	-6.75	543.895	-4.00	354	+	0.00	8394226.41	329640.48	544.17	542.82	-1.34	6.75	543.895	-4.00	8.61	542.657	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																									
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO											
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																									
-9.57	542.037	-66.67	-6.75	543.914	-4.00	355	+	0.00	8394225.49	329620.51	544.18	542.79	-1.39	6.75	543.914	-4.00	8.78	542.560	-66.67						
-9.21	542.262	-66.67	-6.75	543.905	-4.00	356	+	0.00	8394224.57	329600.53	544.18	542.81	-1.36	6.75	543.905	-4.00	8.77	542.556	-66.67						
-8.70	542.567	-66.67	-6.75	543.866	-4.00	357	+	0.00	8394223.64	329580.55	544.14	542.80	-1.34	6.75	543.866	-4.00	8.71	542.563	-66.67						
-9.15	542.196	-66.67	-6.75	543.799	-4.00	358	+	0.00	8394222.72	329560.57	544.07	542.83	-1.24	6.75	543.799	-4.00	8.59	542.571	-66.67						
-8.48	542.550	-66.67	-6.75	543.702	-4.00	359	+	0.00	8394221.80	329540.59	543.97	542.80	-1.18	6.75	543.702	-4.00	8.46	542.561	-66.67						
-9.73	541.590	-66.67	-6.75	543.577	-4.00	360	+	0.00	8394220.87	329520.61	543.85	542.70	-1.15	6.75	543.577	-4.00	8.52	542.397	-66.67						
-8.47	542.277	-66.67	-6.75	543.422	-4.00	361	+	0.00	8394219.95	329500.63	543.69	542.55	-1.15	6.75	543.422	-4.00	8.35	542.358	-66.67						
-7.95	542.442	-66.67	-6.75	543.239	-4.00	362	+	0.00	8394219.03	329480.66	543.51	542.44	-1.07	6.75	543.239	-4.00	8.36	542.168	-66.67						
-7.87	542.287	-66.67	-6.75	543.030	-4.00	363	+	0.00	8394218.10	329460.68	543.30	542.38	-0.92	6.75	543.030	-4.00	8.23	542.040	-66.67						
-7.75	542.149	-66.67	-6.75	542.817	-4.00	364	+	0.00	8394217.18	329440.70	543.09	542.25	-0.84	6.75	542.817	-4.00	8.12	541.904	-66.67						
-7.40	542.175	-66.67	-6.75	542.605	-4.00	365	+	0.00	8394216.26	329420.72	542.88	542.19	-0.69	6.75	542.605	-4.00	8.01	541.767	-66.67						
-7.33	542.004	-66.67	-6.75	542.392	-4.00	366	+	0.00	8394215.33	329400.74	542.66	542.06	-0.61	6.75	542.392	-4.00	7.83	541.671	-66.67						
-7.24	541.853	-66.67	-6.75	542.180	-4.00	367	+	0.00	8394214.41	329380.76	542.45	541.94	-0.51	6.75	542.180	-4.00	7.66	541.572	-66.67						
-7.21	541.658	-66.67	-6.75	541.967	-4.00	368	+	0.00	8394213.49	329360.78	542.24	541.81	-0.43	6.75	541.967	-4.00	7.49	541.475	-66.67						
-7.02	541.575	-66.67	-6.75	541.755	-4.00	369	+	0.00	8394212.56	329340.80	542.03	541.71	-0.32	6.75	541.755	-4.00	7.33	541.371	-66.67						
-6.95	541.408	-66.67	-6.75	541.542	-4.00	370	+	0.00	8394211.64	329320.83	541.81	541.57	-0.24	6.75	541.542	-4.00	7.16	541.269	-66.67						
-7.02	541.149	-66.67	-6.75	541.330	-4.00	371	+	0.00	8394210.72	329300.85	541.60	541.38	-0.22	6.75	541.330	-4.00	7.13	541.078	-66.67						
-7.06	540.912	-66.67	-6.75	541.117	-4.00	372	+	0.00	8394209.79	329280.87	541.39	541.17	-0.21	6.75	541.117	-4.00	7.12	540.874	-66.67						
-6.97	540.761	-66.67	-6.75	540.905	-4.00	373	+	0.00	8394208.87	329260.89	541.18	541.05	-0.13	6.75	540.905	-4.00	6.95	540.773	-66.67						
-6.90	540.595	-66.67	-6.75	540.692	-4.00	374	+	0.00	8394207.95	329240.91	540.96	540.86	-0.10	6.75	540.692	-4.00	6.95	540.561	-66.67						
-7.20	540.181	-66.67	-6.75	540.480	-4.00	375	+	0.00	8394207.02	329220.93	540.75	540.66	-0.09	6.75	540.480	-4.00	6.77	540.465	-66.67						
-7.06	540.059	-66.67	-6.75	540.267	-4.00	376	+	0.00	8394206.10	329200.95	540.54	540.45	-0.09	6.75	540.267	-4.00	6.96	540.477	100.00						
-7.01	539.883	-66.67	-6.75	540.055	-4.00	377	+	0.00	8394205.18	329180.98	540.33	540.29	-0.04	6.75	540.055	-4.00	7.02	540.321	100.00						
-6.86	539.956	100.00	-6.75	539.842	-4.00	378	+	0.00	8394204.25	329161.00	540.11	540.03	-0.08	6.75	539.842	-4.00	6.96	540.051	100.00						
-6.96	539.843	100.00	-6.75	539.630	-4.00	379	+	0.00	8394203.33	329141.02	539.90	539.85	-0.05	6.75	539.630	-4.00	7.13	540.008	100.00						
-6.97	539.632	100.00	-6.75	539.417	-4.00	380	+	0.00	8394202.41	329121.04	539.69	539.66	-0.03	6.75	539.417	-4.00	7.16	539.825	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.94	539.399	100.00	-6.75	539.205	-4.00	381	+	0.00	8394201.48	329101.06	539.48	539.45	-0.02	6.75	539.205	-4.00	7.21	539.662	100.00						
-6.95	539.196	100.00	-6.75	538.992	-4.00	382	+	0.00	8394200.56	329081.08	539.26	539.18	-0.08	6.75	538.992	-4.00	7.14	539.381	100.00						
-6.94	538.966	100.00	-6.75	538.780	-4.00	383	+	0.00	8394199.64	329061.10	539.05	539.00	-0.05	6.75	538.780	-4.00	7.28	539.313	100.00						
-6.92	538.742	100.00	-6.75	538.567	-4.00	384	+	0.00	8394198.71	329041.12	538.84	538.81	-0.02	6.75	538.567	-4.00	7.16	538.981	100.00						
-6.94	538.547	100.00	-6.75	538.355	-4.00	385	+	0.00	8394197.79	329021.15	538.63	538.51	-0.12	6.75	538.355	-4.00	7.15	538.758	100.00						
-6.93	538.326	100.00	-6.75	538.142	-4.00	386	+	0.00	8394196.87	329001.17	538.41	538.28	-0.13	6.75	538.142	-4.00	7.08	538.471	100.00						
-6.90	538.083	100.00	-6.75	537.930	-4.00	387	+	0.00	8394195.94	328981.19	538.20	538.05	-0.15	6.75	537.930	-4.00	7.28	538.459	100.00						
-6.86	537.841	100.00	-6.75	537.736	-3.73	388	+	0.00	8394195.02	328961.21	537.99	537.64	-0.34	6.75	537.717	-4.00	6.97	537.939	100.00						
-6.81	537.621	100.00	-6.75	537.563	-3.14	389	+	0.00	8394194.10	328941.23	537.78	537.30	-0.48	6.75	537.505	-4.00	7.11	537.860	100.00						
-6.78	537.373	-66.67	-6.75	537.391	-2.55	390	+	0.00	8394193.17	328921.25	537.56	537.30	-0.26	6.75	537.292	-4.00	6.98	537.519	100.00						
-7.05	537.019	-66.67	-6.75	537.218	-1.95	391	+	0.00	8394192.25	328901.27	537.35	537.12	-0.23	6.75	537.080	-4.00	7.02	537.348	100.00						
-7.17	536.769	-66.67	-6.75	537.046	-1.36	392	+	0.00	8394191.33	328881.29	537.14	536.87	-0.26	6.75	536.867	-4.00	6.90	536.991	100.00						
-7.39	536.447	-66.67	-6.75	536.873	-0.77	393	+	0.00	8394190.40	328861.32	536.93	536.41	-0.52	6.75	536.655	-4.00	6.78	536.633	-66.67						
-7.55	536.169	-66.67	-6.75	536.700	-0.18	394	+	0.00	8394189.48	328841.34	536.71	535.86	-0.86	6.75	536.442	-4.00	7.17	536.166	-66.67						
-7.55	536.116	-66.67	-6.75	536.648	0.00	394	+	6.08	8394189.20	328835.26	536.65	535.75	-0.90	6.75	536.378	-4.00	7.15	536.110	-66.67						
-7.72	535.886	-66.67	-6.75	536.533	0.48	395	+	0.00	8394188.56	328821.36	536.50	535.69	-0.81	6.75	536.230	-4.00	7.25	535.898	-66.67						
-7.87	535.622	-66.67	-6.75	536.367	1.18	396	+	0.00	8394187.69	328801.38	536.29	535.60	-0.69	6.75	536.017	-4.00	7.23	535.696	-66.67						
-8.00	535.365	-66.67	-6.75	536.202	1.88	397	+	0.00	8394186.94	328781.39	536.08	535.29	-0.78	6.75	535.805	-4.00	7.63	535.216	-66.67						
-8.35	534.970	-66.67	-6.75	536.036	2.57	398	+	0.00	8394186.37	328761.40	535.86	535.10	-0.76	6.75	535.592	-4.00	7.76	534.921	-66.67						
-8.73	534.549	-66.67	-6.75	535.870	3.27	399	+	0.00	8394186.06	328741.40	535.65	534.93	-0.72	6.75	535.380	-4.00	7.85	534.649	-66.67						
-8.89	534.282	-66.67	-6.75	535.705	3.96	400	+	0.00	8394186.08	328721.40	535.44	534.76	-0.68	6.75	535.167	-4.00	7.68	534.551	-66.67						
-8.89	534.266	-66.67	-6.75	535.696	4.00	400	+	1.08	8394186.09	328720.32	535.43	534.74	-0.68	6.75	535.156	-4.00	7.70	534.524	-66.67						
-8.92	534.048	-66.67	-6.75	535.495	4.00	401	+	0.00	8394186.49	328701.41	535.23	534.44	-0.79	6.75	534.955	-4.00	7.82	534.241	-66.67						
-8.89	533.918	-66.67	-6.75	535.345	4.00	401	+	14.09	8394187.05	328687.33	535.08	534.30	-0.77	6.75	534.805	-4.00	7.85	534.071	-66.67						
-9.04	533.753	-66.67	-6.75	535.282	4.00	402	+	0.00	8394187.29	328681.42	535.01	534.27	-0.74	6.75	534.742	-4.00	7.76	534.067	-66.67						
-8.68	533.783	-66.67	-6.75	535.070	4.00	403	+	0.00	8394188.49	328661.46	534.80	534.10	-0.70	6.75	534.530	-4.00	7.51	534.022	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.84	533.600	-66.67	-6.75	534.995	4.00	403	+	7.10	8394189.02	328654.38	534.73	534.06	-0.67	6.75	534.455	-4.00	7.45	533.990	-66.67						
-8.49	533.667	-66.67	-6.75	534.827	3.55	404	+	0.00	8394190.09	328641.52	534.59	534.00	-0.58	6.75	534.317	-4.00	7.36	533.911	-66.67						
-8.53	533.384	-66.67	-6.75	534.568	2.86	405	+	0.00	8394192.05	328621.62	534.38	533.83	-0.54	6.75	534.105	-4.00	7.25	533.772	-66.67						
-8.24	533.315	-66.67	-6.75	534.308	2.16	406	+	0.00	8394194.28	328601.75	534.16	533.79	-0.37	6.75	533.892	-4.00	7.21	533.584	-66.67						
-8.04	533.190	-66.67	-6.75	534.049	1.46	407	+	0.00	8394196.74	328581.90	533.95	533.73	-0.22	6.75	533.680	-4.00	6.85	533.611	-66.67						
-7.69	533.161	-66.67	-6.75	533.789	0.77	408	+	0.00	8394199.33	328562.07	533.74	533.69	-0.05	6.75	533.467	-4.00	6.80	533.436	-66.67						
-7.65	532.930	-66.67	-6.75	533.530	0.07	409	+	0.00	8394202.01	328542.25	533.53	533.62	0.10	6.75	533.255	-4.00	6.90	533.405	100.00						
-7.50	533.006	-66.67	-6.75	533.503	0.00	409	+	2.10	8394202.29	328540.17	533.50	533.61	0.10	6.75	533.233	-4.00	6.89	533.376	100.00						
-7.20	532.977	-66.67	-6.75	533.277	-0.53	410	+	0.00	8394204.69	328522.43	533.31	533.45	0.13	6.75	533.042	-4.00	6.94	533.228	100.00						
-6.77	533.043	100.00	-6.75	533.024	-1.12	411	+	0.00	8394207.38	328502.61	533.10	533.36	0.26	6.75	532.830	-4.00	7.08	533.162	100.00						
-6.94	532.649	-66.67	-6.75	532.772	-1.71	412	+	0.00	8394210.07	328482.79	532.89	533.14	0.25	6.75	532.617	-4.00	7.03	532.894	100.00						
-6.77	532.509	-66.67	-6.75	532.520	-2.30	413	+	0.00	8394212.76	328462.97	532.68	532.96	0.28	6.75	532.405	-4.00	6.98	532.634	100.00						
-6.81	532.322	100.00	-6.75	532.267	-2.89	414	+	0.00	8394215.45	328443.15	532.46	532.76	0.30	6.75	532.192	-4.00	6.98	532.421	100.00						
-6.83	532.094	100.00	-6.75	532.015	-3.49	415	+	0.00	8394218.14	328423.34	532.25	532.47	0.22	6.75	531.980	-4.00	6.87	532.100	100.00						
-6.88	531.893	100.00	-6.75	531.767	-4.00	416	+	0.00	8394220.83	328403.52	532.04	532.18	0.14	6.75	531.767	-4.00	6.94	531.961	100.00						
-6.86	531.668	100.00	-6.75	531.555	-4.00	417	+	0.00	8394223.51	328383.70	531.83	532.04	0.21	6.75	531.555	-4.00	7.14	531.940	100.00						
-7.01	531.604	100.00	-6.75	531.342	-4.00	418	+	0.00	8394226.20	328363.88	531.61	531.81	0.20	6.75	531.342	-4.00	7.21	531.798	100.00						
-6.89	531.267	100.00	-6.75	531.130	-4.00	419	+	0.00	8394228.89	328344.06	531.40	531.55	0.15	6.75	531.130	-4.00	7.22	531.596	100.00						
-7.04	531.209	100.00	-6.75	530.917	-4.00	420	+	0.00	8394231.58	328324.24	531.19	531.31	0.13	6.75	530.917	-4.00	7.24	531.409	100.00						
-6.84	530.793	100.00	-6.75	530.705	-4.00	421	+	0.00	8394234.27	328304.42	530.98	531.07	0.09	6.75	530.705	-4.00	7.25	531.206	100.00						
-6.99	530.734	100.00	-6.75	530.492	-4.00	422	+	0.00	8394236.96	328284.61	530.76	530.82	0.05	6.75	530.492	-4.00	7.21	530.948	100.00						
-6.76	530.294	100.00	-6.75	530.280	-4.00	423	+	0.00	8394239.64	328264.79	530.55	530.56	0.01	6.75	530.280	-4.00	7.16	530.688	100.00						
-6.98	529.912	-66.67	-6.75	530.067	-4.00	424	+	0.00	8394242.33	328244.97	530.34	530.33	-0.01	6.75	530.067	-4.00	7.00	530.316	100.00						
-6.94	529.732	-66.67	-6.75	529.855	-4.00	425	+	0.00	8394245.02	328225.15	530.13	530.01	-0.11	6.75	529.855	-4.00	7.02	530.122	100.00						
-7.17	529.365	-66.67	-6.75	529.642	-4.00	426	+	0.00	8394247.71	328205.33	529.91	529.82	-0.09	6.75	529.642	-4.00	6.85	529.746	100.00						
-7.06	529.222	-66.67	-6.75	529.430	-4.00	427	+	0.00	8394250.40	328185.51	529.70	529.56	-0.14	6.75	529.430	-4.00	6.82	529.499	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.42	528.774	-66.67	-6.75	529.217	-4.00	428	+	0.00	8394253.09	328165.69	529.49	529.27	-0.21	6.75	529.217	-4.00	6.78	529.197	-66.67						
-7.20	528.705	-66.67	-6.75	529.005	-4.00	429	+	0.00	8394255.78	328145.88	529.28	529.05	-0.23	6.75	529.005	-4.00	6.92	528.892	-66.67						
-7.44	528.335	-66.67	-6.75	528.792	-4.00	430	+	0.00	8394258.46	328126.06	529.06	528.76	-0.30	6.75	528.792	-4.00	7.09	528.569	-66.67						
-7.65	527.980	-66.67	-6.75	528.580	-4.00	431	+	0.00	8394261.15	328106.24	528.85	528.55	-0.30	6.75	528.580	-4.00	7.31	528.208	-66.67						
-7.83	527.649	-66.67	-6.75	528.367	-4.00	432	+	0.00	8394263.84	328086.42	528.64	528.26	-0.38	6.75	528.367	-4.00	7.33	527.981	-66.67						
-7.69	527.524	-66.67	-6.75	528.147	-4.00	433	+	0.00	8394266.53	328066.60	528.42	528.02	-0.40	6.75	528.147	-4.00	7.14	527.884	-66.67						
-7.69	527.244	-66.67	-6.75	527.870	-4.00	434	+	0.00	8394269.22	328046.78	528.14	527.72	-0.42	6.75	527.870	-4.00	7.25	527.537	-66.67						
-7.48	527.046	-66.67	-6.75	527.530	-4.00	435	+	0.00	8394271.91	328026.97	527.80	527.39	-0.41	6.75	527.530	-4.00	7.10	527.295	-66.67						
-7.09	526.899	-66.67	-6.75	527.125	-4.00	436	+	0.00	8394274.59	328007.15	527.40	527.10	-0.29	6.75	527.125	-4.00	6.82	527.078	-66.67						
-6.89	526.566	-66.67	-6.75	526.657	-4.00	437	+	0.00	8394277.28	327987.33	526.93	526.77	-0.15	6.75	526.747	-2.67	6.97	526.967	100.00						
-7.08	526.462	100.00	-6.75	526.132	-4.00	438	+	0.00	8394279.97	327967.51	526.40	526.44	0.03	6.75	526.403	0.02	7.01	526.664	100.00						
-7.23	526.247	100.00	-6.75	525.763	-4.00	438	+	13.85	8394281.83	327953.78	526.03	526.17	0.13	6.75	526.160	1.88	7.05	526.462	100.00						
-7.29	526.134	100.00	-6.75	525.599	-4.00	439	+	0.00	8394282.63	327947.69	525.87	526.08	0.21	6.75	526.052	2.71	7.10	526.404	100.00						
-7.29	525.561	100.00	-6.75	525.020	-4.70	440	+	0.00	8394284.83	327927.81	525.34	525.89	0.55	6.75	525.654	4.70	6.96	525.861	100.00						
-7.20	525.204	100.00	-6.75	524.754	-4.70	440	+	9.96	8394285.61	327917.88	525.07	525.72	0.65	6.75	525.389	4.70	7.31	525.944	100.00						
-7.26	524.992	100.00	-6.75	524.487	-4.70	441	+	0.00	8394286.41	327907.87	524.80	525.46	0.66	6.75	525.121	4.70	7.31	525.680	100.00						
-7.79	525.041	100.00	-6.75	524.002	-4.00	442	+	0.00	8394287.38	327887.90	524.27	524.95	0.67	6.75	524.453	2.69	6.91	524.616	100.00						
-7.77	524.862	100.00	-6.75	523.840	-4.00	442	+	6.07	8394287.55	327881.83	524.11	524.74	0.63	6.75	524.237	1.88	6.88	524.363	100.00						
-7.36	524.078	100.00	-6.75	523.469	-4.00	443	+	0.00	8394287.88	327867.90	523.74	524.26	0.52	6.75	523.739	0.01	6.88	523.870	100.00						
-7.00	523.184	100.00	-6.75	522.936	-4.00	444	+	0.00	8394288.36	327847.91	523.21	523.49	0.29	6.75	523.026	-2.68	6.87	523.146	100.00						
-6.88	522.320	-66.67	-6.75	522.404	-4.00	445	+	0.00	8394288.83	327827.91	522.67	522.48	-0.20	6.75	522.404	-4.00	7.26	522.064	-66.67						
-7.72	521.222	-66.67	-6.75	521.871	-4.00	446	+	0.00	8394289.30	327807.92	522.14	521.38	-0.76	6.75	521.871	-4.00	7.67	521.257	-66.67						
-8.50	520.173	-66.67	-6.75	521.338	-4.00	447	+	0.00	8394289.78	327787.93	521.61	520.44	-1.17	6.75	521.338	-4.00	7.79	520.645	-66.67						
-9.02	519.294	-66.67	-6.75	520.806	-4.00	448	+	0.00	8394290.25	327767.93	521.08	519.54	-1.54	6.75	520.806	-4.00	8.37	519.726	-66.67						
-9.78	518.251	-66.67	-6.75	520.273	-4.00	449	+	0.00	8394290.73	327747.94	520.54	518.66	-1.88	6.75	520.273	-4.00	8.68	518.985	-66.67						
-10.13	517.490	-66.67	-6.75	519.740	-4.00	450	+	0.00	8394291.20	327727.94	520.01	517.83	-2.18	6.75	519.740	-4.00	8.81	518.366	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-10.62	516.626	-66.67	-6.75	519.208	-4.00	451	+	0.00	8394291.68	327707.95	519.48	516.99	-2.49	6.75	519.208	-4.00	9.40	517.438	-66.67						
-10.70	516.040	-66.67	-6.75	518.675	-4.00	452	+	0.00	8394292.15	327687.95	518.95	516.36	-2.58	6.75	518.675	-4.00	9.61	516.772	-66.67						
-11.14	515.218	-66.67	-6.75	518.142	-4.00	453	+	0.00	8394292.63	327667.96	518.41	515.70	-2.71	6.75	518.142	-4.00	10.00	515.976	-66.67						
-11.11	514.706	-66.67	-6.75	517.610	-4.00	454	+	0.00	8394293.10	327647.97	517.88	515.17	-2.72	6.75	517.674	-3.05	10.67	515.060	-66.67						
-11.00	514.245	-66.67	-6.75	517.077	-4.00	455	+	0.00	8394293.58	327627.97	517.35	514.67	-2.68	6.75	517.295	-0.78	10.50	514.796	-66.67						
-11.18	513.942	-66.67	-6.75	516.896	-4.00	455	+	6.81	8394293.74	327621.16	517.17	514.50	-2.67	6.75	517.166	0.00	10.53	514.644	-66.67						
-10.77	513.863	-66.67	-6.75	516.545	-4.00	456	+	0.00	8394294.03	327607.98	516.82	514.21	-2.60	6.75	516.916	1.50	10.49	514.422	-66.67						
-10.86	513.274	-66.67	-6.75	516.012	-4.00	457	+	0.00	8394294.26	327587.98	516.28	513.84	-2.44	6.75	516.537	3.78	10.50	514.040	-66.67						
-10.74	512.680	-66.67	-6.75	515.341	-6.05	458	+	0.00	8394293.92	327567.98	515.75	513.38	-2.37	6.75	516.158	6.05	10.98	513.337	-66.67						
-10.45	512.709	-66.67	-6.75	515.176	-6.60	458	+	4.81	8394293.71	327563.17	515.62	513.22	-2.40	6.75	516.067	6.60	11.16	513.127	-66.67						
-10.10	512.536	-66.67	-6.75	514.771	-6.60	459	+	0.00	8394292.69	327548.02	515.22	512.77	-2.45	6.75	515.662	6.60	10.90	512.895	-66.67						
-10.12	511.991	-66.67	-6.75	514.239	-6.60	460	+	0.00	8394290.46	327528.15	514.68	512.10	-2.58	6.75	515.130	6.60	10.58	512.576	-66.67						
-10.08	511.487	-66.67	-6.75	513.706	-6.60	461	+	0.00	8394287.24	327508.41	514.15	511.80	-2.35	6.75	514.597	6.60	10.41	512.156	-66.67						
-9.53	511.320	-66.67	-6.75	513.173	-6.60	462	+	0.00	8394283.03	327488.86	513.62	511.44	-2.18	6.75	514.064	6.60	10.21	511.760	-66.67						
-9.61	510.734	-66.67	-6.75	512.641	-6.60	463	+	0.00	8394277.86	327469.54	513.09	511.22	-1.87	6.75	513.532	6.60	9.87	511.450	-66.67						
-9.46	510.305	-66.67	-6.75	512.108	-6.60	464	+	0.00	8394271.72	327450.51	512.55	510.75	-1.80	6.75	512.999	6.60	9.53	511.143	-66.67						
-8.89	510.149	-66.67	-6.75	511.575	-6.60	465	+	0.00	8394264.65	327431.81	512.02	510.63	-1.39	6.75	512.466	6.60	9.19	510.838	-66.67						
-8.13	510.239	-66.67	-6.75	511.158	-6.60	465	+	15.67	8394258.38	327417.44	511.60	510.54	-1.07	6.75	512.049	6.60	9.76	510.043	-66.67						
-8.12	510.132	-66.67	-6.75	511.043	-6.60	466	+	0.00	8394256.64	327413.48	511.49	510.46	-1.02	6.75	511.934	6.60	9.63	510.013	-66.67						
-7.59	509.948	-66.67	-6.75	510.510	-6.60	467	+	0.00	8394247.73	327395.58	510.96	510.04	-0.92	6.75	511.401	6.60	9.46	509.592	-66.67						
-7.10	509.745	-66.67	-6.75	509.977	-6.60	468	+	0.00	8394237.94	327378.14	510.42	509.74	-0.69	6.75	510.868	6.60	9.22	509.220	-66.67						
-6.80	509.428	-66.67	-6.75	509.464	-6.60	469	+	0.00	8394227.29	327361.21	509.91	509.40	-0.51	6.75	510.355	6.60	8.99	508.864	-66.67						
-6.86	509.121	100.00	-6.75	509.015	-6.60	470	+	0.00	8394215.81	327344.84	509.46	508.92	-0.54	6.75	509.906	6.60	9.22	508.261	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO											
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.96	508.840	100.00	-6.75	508.631	-6.60	471	+	0.00	8394203.52	327329.07	509.08	508.61	-0.46	6.75	509.522	6.60	9.11	507.947	-66.67						
-6.87	508.413	100.00	-6.75	508.293	-6.60	472	+	0.00	8394190.46	327313.92	508.74	508.51	-0.23	6.75	509.184	6.60	8.79	507.827	-66.67						
-6.76	507.972	100.00	-6.75	507.958	-6.60	473	+	0.00	8394176.65	327299.45	508.40	508.15	-0.25	6.75	508.849	6.60	8.74	507.526	-66.67						
-6.76	507.860	100.00	-6.75	507.848	-6.60	473	+	6.53	8394171.99	327294.88	508.29	508.05	-0.24	6.75	508.739	6.60	8.60	507.508	-66.67						
-7.25	507.393	-66.67	-6.75	507.725	-5.07	474	+	0.00	8394162.16	327285.68	508.07	507.84	-0.23	6.75	508.410	5.07	7.93	507.622	-66.67						
-7.10	507.232	-66.67	-6.75	507.462	-4.00	475	+	0.00	8394147.14	327272.46	507.73	507.44	-0.29	6.75	507.920	2.79	7.91	507.147	-66.67						
-6.77	507.116	-66.67	-6.75	507.126	-4.00	476	+	0.00	8394131.85	327259.57	507.40	507.31	-0.08	6.75	507.431	0.52	7.32	507.052	-66.67						
-6.92	506.935	-66.67	-6.75	507.050	-4.00	476	+	4.53	8394128.37	327256.67	507.32	507.19	-0.13	6.75	507.320	0.00	7.22	507.007	-66.67						
-7.00	506.622	-66.67	-6.75	506.790	-4.00	477	+	0.00	8394116.50	327246.76	507.06	506.79	-0.27	6.75	506.942	-1.76	6.78	506.920	-66.67						
-6.76	506.448	-66.67	-6.75	506.455	-4.00	478	+	0.00	8394101.14	327233.95	506.73	506.52	-0.20	6.75	506.455	-4.00	7.02	506.720	100.00						
-6.79	506.156	100.00	-6.75	506.119	-4.00	479	+	0.00	8394085.78	327221.14	506.39	506.34	-0.05	6.75	506.119	-4.00	6.92	506.288	100.00						
-6.96	505.996	100.00	-6.75	505.783	-4.00	480	+	0.00	8394070.42	327208.33	506.05	506.07	0.01	6.75	505.783	-4.00	6.90	505.930	100.00						
-6.99	505.686	100.00	-6.75	505.448	-4.00	481	+	0.00	8394055.06	327195.52	505.72	505.77	0.05	6.75	505.448	-4.00	7.24	505.932	100.00						
-7.17	505.534	100.00	-6.75	505.112	-4.00	482	+	0.00	8394039.70	327182.70	505.38	505.54	0.15	6.75	505.112	-4.00	7.25	505.616	100.00						
-7.24	505.264	100.00	-6.75	504.776	-4.00	483	+	0.00	8394024.35	327169.89	505.05	505.33	0.29	6.75	504.776	-4.00	7.51	505.531	100.00						
-7.25	504.939	100.00	-6.75	504.440	-4.00	484	+	0.00	8394008.99	327157.08	504.71	505.00	0.29	6.75	504.440	-4.00	7.40	505.087	100.00						
-7.37	504.722	100.00	-6.75	504.105	-4.00	485	+	0.00	8393993.63	327144.27	504.38	504.87	0.50	6.75	504.105	-4.00	7.47	504.829	100.00						
-7.46	504.480	100.00	-6.75	503.769	-4.00	486	+	0.00	8393978.27	327131.46	504.04	504.62	0.58	6.75	503.769	-4.00	7.42	504.434	100.00						
-7.51	504.196	100.00	-6.75	503.433	-4.00	487	+	0.00	8393962.91	327118.65	503.70	504.30	0.60	6.75	503.433	-4.00	7.19	503.868	100.00						
-7.52	503.866	100.00	-6.75	503.098	-4.00	488	+	0.00	8393947.56	327105.84	503.37	504.06	0.69	6.75	503.098	-4.00	7.16	503.507	100.00						
-7.55	503.564	100.00	-6.75	502.762	-4.00	489	+	0.00	8393932.20	327093.03	503.03	503.59	0.56	6.75	502.762	-4.00	6.99	503.002	100.00						
-7.50	503.174	100.00	-6.75	502.426	-4.00	490	+	0.00	8393916.84	327080.22	502.70	503.39	0.69	6.75	502.426	-4.00	7.26	502.933	100.00						
-7.30	502.643	100.00	-6.75	502.091	-4.00	491	+	0.00	8393901.48	327067.40	502.36	502.76	0.40	6.75	502.091	-4.00	7.12	502.463	100.00						
-7.17	502.171	100.00	-6.75	501.755	-4.00	492	+	0.00	8393886.12	327054.59	502.03	502.39	0.37	6.75	501.755	-4.00	7.26	502.266	100.00						
-7.08	501.752	100.00	-6.75	501.419	-4.00	493	+	0.00	8393870.76	327041.78	501.69	501.74	0.05	6.75	501.419	-4.00	7.19	501.861	100.00						
-7.14	501.470	100.00	-6.75	501.083	-4.00	494	+	0.00	8393855.41	327028.97	501.35	501.27	-0.09	6.75	501.083	-4.00	6.98	501.310	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																									
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO											
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																									
-7.31	500.375	-66.67	-6.75	500.748	-4.00	495	+	0.00	8393840.05	327016.16	501.02	500.27	-0.75	6.75	500.748	-4.00	6.77	500.734	-66.67						
-7.47	499.931	-66.67	-6.75	500.412	-4.00	496	+	0.00	8393824.69	327003.35	500.68	499.80	-0.88	6.75	500.412	-4.00	6.95	500.279	-66.67						
-7.55	499.543	-66.67	-6.75	500.076	-4.00	497	+	0.00	8393809.33	326990.54	500.35	499.17	-1.17	6.75	500.076	-4.00	7.44	499.615	-66.67						
-8.50	498.575	-66.67	-6.75	499.741	-4.00	498	+	0.00	8393793.97	326977.73	500.01	498.72	-1.29	6.75	499.741	-4.00	8.20	498.775	-66.67						
-8.81	498.083	-66.67	-6.75	499.457	-3.23	499	+	0.00	8393778.62	326964.91	499.68	498.18	-1.50	6.75	499.405	-4.00	9.14	497.814	-66.67						
-9.25	497.611	-66.67	-6.75	499.275	-0.95	500	+	0.00	8393763.26	326952.10	499.34	497.84	-1.50	6.75	499.069	-4.00	9.55	497.206	-66.67						
-9.40	497.444	-66.67	-6.75	499.208	0.00	500	+	8.37	8393756.83	326946.74	499.21	497.74	-1.47	6.75	498.938	-4.00	9.23	497.286	-66.67						
-9.56	497.274	-66.67	-6.75	499.145	1.32	501	+	0.00	8393747.60	326939.67	499.06	497.58	-1.48	6.75	498.785	-4.00	9.83	496.731	-66.67						
-10.79	496.425	-66.67	-6.75	499.118	3.60	502	+	0.00	8393731.84	326927.35	498.88	497.47	-1.40	6.75	498.605	-4.00	9.55	496.738	-66.67						
-11.36	496.122	-66.67	-6.75	499.195	5.87	503	+	0.00	8393716.43	326914.61	498.80	497.52	-1.28	6.75	498.402	-5.87	9.63	496.484	-66.67						
-11.13	496.319	-66.67	-6.75	499.242	6.60	503	+	6.37	8393711.62	326910.42	498.80	497.53	-1.26	6.75	498.351	-6.60	9.83	496.295	-66.67						
-10.87	496.522	-66.67	-6.75	499.271	6.60	504	+	0.00	8393701.58	326901.21	498.83	497.63	-1.20	6.75	498.380	-6.60	9.61	496.473	-66.67						
-8.45	498.271	-66.67	-6.75	499.402	6.60	505	+	0.00	8393687.43	326887.08	498.96	497.72	-1.24	6.75	498.511	-6.60	8.40	497.410	-66.67						
-7.59	499.026	-66.67	-6.75	499.585	6.60	506	+	0.00	8393673.99	326872.27	499.14	498.44	-0.70	6.75	498.694	-6.60	6.82	498.765	100.00						
-6.77	499.783	100.00	-6.75	499.767	6.60	507	+	0.00	8393661.32	326856.80	499.32	499.84	0.52	6.75	498.876	-6.60	7.69	499.814	100.00						
-7.18	500.383	100.00	-6.75	499.950	6.60	508	+	0.00	8393649.43	326840.72	499.50	500.27	0.77	6.75	499.059	-6.60	8.01	500.318	100.00						
-7.55	500.930	100.00	-6.75	500.132	6.60	509	+	0.00	8393638.36	326824.07	499.69	500.52	0.83	6.75	499.241	-6.60	8.12	500.610	100.00						
-7.43	500.913	100.00	-6.75	500.231	6.60	509	+	10.83	8393632.83	326814.76	499.79	500.80	1.02	6.75	499.340	-6.60	8.12	500.707	100.00						
-7.26	500.826	100.00	-6.75	500.315	6.60	510	+	0.00	8393628.14	326806.88	499.87	500.95	1.08	6.75	499.424	-6.60	8.14	500.817	100.00						
-6.99	500.741	100.00	-6.75	500.498	6.60	511	+	0.00	8393618.79	326789.20	500.05	500.88	0.83	6.75	499.607	-6.60	8.17	501.023	100.00						
-6.96	500.888	100.00	-6.75	500.680	6.60	512	+	0.00	8393610.33	326771.08	500.24	500.61	0.37	6.75	499.789	-6.60	7.56	500.599	100.00						
-7.01	501.127	100.00	-6.75	500.863	6.60	513	+	0.00	8393602.80	326752.56	500.42	500.66	0.24	6.75	499.972	-6.60	7.17	500.391	100.00						
-7.20	500.746	-66.67	-6.75	501.046	6.60	514	+	0.00	8393596.19	326733.68	500.60	501.13	0.53	6.75	500.155	-6.60	7.15	500.549	100.00						
-7.71	500.591	-66.67	-6.75	501.228	6.60	515	+	0.00	8393590.54	326714.50	500.78	501.12	0.34	6.75	500.337	-6.60	7.34	500.927	100.00						
-7.99	500.543	-66.67	-6.75	501.368	6.60	515	+	15.29	8393586.87	326699.66	500.92	501.11	0.18	6.75	500.477	-6.60	7.37	501.097	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.95	500.573	-66.67	-6.75	501.375	6.06	516	+	0.00	8393585.85	326695.06	500.97	501.03	0.06	6.75	500.556	-6.06	7.31	501.117	100.00						
-7.70	500.770	-66.67	-6.75	501.403	3.79	517	+	0.00	8393582.04	326675.42	501.15	500.75	-0.40	6.75	500.878	-4.00	7.10	501.232	100.00						
-7.28	501.079	-66.67	-6.75	501.432	1.51	518	+	0.00	8393578.79	326655.69	501.33	501.02	-0.31	6.75	501.060	-4.00	7.10	501.406	100.00						
-6.77	501.472	100.00	-6.75	501.452	0.00	518	+	13.29	8393576.78	326642.56	501.45	501.13	-0.32	6.75	501.182	-4.00	7.14	501.576	100.00						
-6.87	501.578	100.00	-6.75	501.461	-0.76	519	+	0.00	8393575.77	326635.92	501.51	501.23	-0.28	6.75	501.243	-4.00	7.18	501.668	100.00						
-7.12	501.865	100.00	-6.75	501.490	-3.04	520	+	0.00	8393572.76	326616.15	501.70	501.56	-0.13	6.75	501.426	-4.00	7.22	501.896	100.00						
-7.31	502.171	100.00	-6.75	501.608	-4.00	521	+	0.00	8393569.76	326596.37	501.88	502.07	0.19	6.75	501.610	-3.97	7.29	502.147	100.00						
-7.12	502.163	100.00	-6.75	501.791	-4.00	522	+	0.00	8393566.75	326576.60	502.06	502.21	0.15	6.75	501.946	-1.70	7.10	502.294	100.00						
-7.36	502.540	100.00	-6.75	501.927	-4.00	522	+	14.92	8393564.51	326561.85	502.20	502.40	0.20	6.75	502.197	0.00	6.91	502.359	100.00						
-7.37	502.594	100.00	-6.75	501.973	-4.00	523	+	0.00	8393563.75	326556.83	502.24	502.51	0.27	6.75	502.282	0.58	7.11	502.044	-66.67						
-7.25	502.654	100.00	-6.75	502.156	-4.00	524	+	0.00	8393560.63	326537.07	502.43	502.76	0.34	6.75	502.619	2.85	7.26	502.282	-66.67						
-7.40	502.914	100.00	-6.75	502.262	-5.13	525	+	0.00	8393557.09	326517.39	502.61	502.77	0.16	6.75	502.955	5.13	7.48	502.467	-66.67						
-7.58	503.116	100.00	-6.75	502.281	-6.60	525	+	12.92	8393554.42	326504.75	502.73	502.65	-0.07	6.75	503.172	6.60	7.67	502.561	-66.67						
-7.59	503.189	100.00	-6.75	502.346	-6.60	526	+	0.00	8393552.79	326497.86	502.79	502.74	-0.06	6.75	503.237	6.60	7.51	502.728	-66.67						
-7.68	503.457	100.00	-6.75	502.528	-6.60	527	+	0.00	8393547.53	326478.56	502.97	503.03	0.06	6.75	503.419	6.60	7.59	502.859	-66.67						
-7.74	503.645	100.00	-6.75	502.655	-6.60	527	+	13.81	8393543.24	326465.44	503.10	503.19	0.09	6.75	503.546	6.60	7.34	503.152	-66.67						
-7.81	503.772	100.00	-6.75	502.711	-6.60	528	+	0.00	8393541.32	326459.56	503.16	503.37	0.21	6.75	503.602	6.60	7.45	503.139	-66.67						
-8.01	504.154	100.00	-6.75	502.894	-6.60	529	+	0.00	8393534.16	326440.88	503.34	503.53	0.19	6.75	503.785	6.60	7.32	503.406	-66.67						
-8.08	504.355	100.00	-6.75	503.028	-6.60	529	+	14.70	8393528.31	326427.40	503.47	503.97	0.50	6.75	503.919	6.60	6.88	503.834	-66.67						
-8.05	504.413	100.00	-6.75	503.117	-6.00	530	+	0.00	8393526.08	326422.59	503.52	504.08	0.56	6.75	503.927	6.00	7.03	504.207	100.00						
-7.91	504.594	100.00	-6.75	503.434	-4.00	531	+	0.00	8393517.19	326404.67	503.70	504.21	0.51	6.75	503.956	3.72	6.91	504.113	100.00						
-7.85	504.711	100.00	-6.75	503.617	-4.00	532	+	0.00	8393507.81	326387.01	503.89	504.48	0.60	6.75	503.985	1.45	7.14	504.375	100.00						
-7.85	504.832	100.00	-6.75	503.733	-4.00	532	+	12.70	8393501.73	326375.86	504.00	504.54	0.54	6.75	504.003	0.00	7.32	504.573	100.00						
-7.93	504.975	100.00	-6.75	503.800	-4.00	533	+	0.00	8393498.23	326369.46	504.07	504.75	0.68	6.75	504.014	-0.83	7.31	504.578	100.00						
-8.04	505.273	100.00	-6.75	503.982	-4.00	534	+	0.00	8393488.64	326351.91	504.25	505.16	0.91	6.75	504.043	-3.11	7.50	504.796	100.00						
-8.04	505.457	100.00	-6.75	504.165	-4.00	535	+	0.00	8393479.04	326334.36	504.44	505.34	0.90	6.75	504.165	-4.00	7.38	504.798	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.95	505.550	100.00	-6.75	504.347	-4.00	536	+	0.00	8393469.45	326316.81	504.62	505.46	0.84	6.75	504.347	-4.00	7.46	505.058	100.00						
-7.87	505.648	100.00	-6.75	504.530	-4.00	537	+	0.00	8393459.86	326299.26	504.80	505.54	0.74	6.75	504.530	-4.00	7.39	505.170	100.00						
-7.78	505.741	100.00	-6.75	504.713	-4.00	538	+	0.00	8393450.26	326281.71	504.98	505.63	0.65	6.75	504.713	-4.00	7.43	505.388	100.00						
-7.84	505.981	100.00	-6.75	504.895	-4.00	539	+	0.00	8393440.67	326264.16	505.17	505.71	0.54	6.75	504.895	-4.00	7.57	505.719	100.00						
-7.92	506.244	100.00	-6.75	505.078	-4.00	540	+	0.00	8393431.08	326246.61	505.35	505.78	0.44	6.75	505.078	-4.00	7.66	505.985	100.00						
-7.95	506.460	100.00	-6.75	505.260	-4.00	541	+	0.00	8393421.48	326229.06	505.53	506.11	0.58	6.75	505.260	-4.00	7.74	506.247	100.00						
-8.04	506.732	100.00	-6.75	505.443	-4.00	542	+	0.00	8393411.89	326211.51	505.71	506.42	0.71	6.75	505.443	-4.00	7.77	506.466	100.00						
-8.11	506.982	100.00	-6.75	505.626	-4.00	543	+	0.00	8393402.30	326193.97	505.90	506.72	0.82	6.75	505.626	-4.00	7.79	506.663	100.00						
-8.15	507.212	100.00	-6.75	505.808	-4.00	544	+	0.00	8393392.70	326176.42	506.08	506.90	0.82	6.75	505.808	-4.00	7.93	506.992	100.00						
-8.25	507.487	100.00	-6.75	505.991	-4.00	545	+	0.00	8393383.11	326158.87	506.26	506.91	0.65	6.75	505.991	-4.00	8.13	507.369	100.00						
-8.35	507.769	100.00	-6.75	506.173	-4.00	546	+	0.00	8393373.52	326141.32	506.44	507.58	1.14	6.75	506.173	-4.00	8.08	507.502	100.00						
-8.40	508.007	100.00	-6.75	506.356	-4.00	547	+	0.00	8393363.92	326123.77	506.63	508.03	1.41	6.75	506.356	-4.00	8.18	507.785	100.00						
-8.46	508.245	100.00	-6.75	506.539	-4.00	548	+	0.00	8393344.74	326088.67	506.81	508.21	1.40	6.75	506.539	-4.00	8.15	507.942	100.00						
-8.17	508.136	100.00	-6.75	506.721	-4.00	549	+	0.00	8393335.14	326071.12	506.99	508.53	1.53	6.75	506.721	-4.00	8.03	508.004	100.00						
-8.29	508.447	100.00	-6.75	506.904	-4.00	550	+	0.00	8393325.55	326053.57	507.17	508.66	1.49	6.75	506.904	-4.00	7.90	508.051	100.00						
-8.24	508.577	100.00	-6.75	507.087	-4.00	551	+	0.00	8393325.55	326053.57	507.36	508.73	1.37	6.75	507.087	-4.00	7.77	508.102	100.00						
-8.01	508.529	100.00	-6.75	507.269	-4.00	552	+	0.00	8393315.96	326036.02	507.54	508.73	1.19	6.75	507.269	-4.00	7.55	508.073	100.00						
-7.52	508.218	100.00	-6.75	507.452	-4.00	553	+	0.00	8393306.36	326018.48	507.72	508.56	0.84	6.75	507.452	-4.00	7.33	508.036	100.00						
-7.21	508.094	100.00	-6.75	507.634	-4.00	554	+	0.00	8393296.77	326000.93	507.90	508.34	0.44	6.75	507.634	-4.00	6.84	507.724	100.00						
-6.77	507.985	-66.67	-6.75	507.998	-1.32	555	+	0.00	8393287.18	325983.38	508.09	508.05	-0.04	6.75	507.817	-4.00	7.91	507.046	-66.67						
-7.22	507.862	-66.67	-6.75	508.175	0.00	555	+	9.61	8393282.57	325974.94	508.18	507.93	-0.24	6.75	507.905	-4.00	7.89	507.142	-66.67						
-7.65	507.751	-66.67	-6.75	508.351	1.43	556	+	0.00	8393277.59	325965.82	508.26	507.77	-0.49	6.75	507.985	-4.00	8.06	507.109	-66.67						
-8.08	507.712	-66.67	-6.75	508.599	4.18	557	+	0.00	8393268.21	325948.16	508.32	507.46	-0.86	6.75	508.035	-4.18	8.46	506.898	-66.67						
-8.79	507.355	-66.67	-6.75	508.718	6.60	557	+	17.61	8393260.39	325932.38	508.27	507.15	-1.13	6.75	507.827	-6.60	9.32	506.116	-66.67						
-8.74	507.379	-66.67	-6.75	508.704	6.60	558	+	0.00	8393259.38	325930.22	508.26	507.10	-1.16	6.75	507.813	-6.60	9.28	506.129	-66.67						
-9.33	506.804	-66.67	-6.75	508.526	6.60	559	+	0.00	8393251.42	325911.87	508.08	506.67	-1.42	6.75	507.635	-6.60	9.73	505.650	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-9.53	506.376	-66.67	-6.75	508.228	6.60	560	+	0.00	8393244.39	325893.15	507.78	506.28	-1.50	6.75	507.337	-6.60	9.29	505.643	-66.67						
-9.39	506.401	-66.67	-6.75	508.162	6.60	560	+	3.53	8393243.32	325889.78	507.72	506.26	-1.45	6.75	507.271	-6.60	9.15	505.672	-66.67						
-9.26	506.134	-66.67	-6.75	507.809	6.60	561	+	0.00	8393238.30	325874.10	507.36	506.06	-1.30	6.75	506.918	-6.60	9.16	505.310	-66.67						
-9.30	505.567	-66.67	-6.75	507.270	6.60	562	+	0.00	8393233.18	325854.77	506.82	505.78	-1.05	6.75	506.379	-6.60	8.55	505.176	-66.67						
-9.53	505.118	-66.67	-6.75	506.973	6.60	562	+	9.46	8393231.09	325845.55	506.53	505.53	-1.00	6.75	506.082	-6.60	9.22	504.434	-66.67						
-10.41	504.073	-66.67	-6.75	506.512	5.15	563	+	0.00	8393229.01	325835.21	506.17	505.14	-1.03	6.75	505.817	-5.15	8.86	504.408	-66.67						
-9.51	503.707	-66.67	-6.75	505.547	2.40	564	+	0.00	8393225.61	325815.50	505.39	504.19	-1.20	6.75	505.115	-4.00	9.31	503.407	-66.67						
-9.30	502.915	-66.67	-6.75	504.614	0.00	564	+	17.46	8393222.94	325798.25	504.61	503.36	-1.26	6.75	504.344	-4.00	8.79	502.987	-66.67						
-9.17	502.865	-66.67	-6.75	504.476	-0.35	565	+	0.00	8393222.56	325795.74	504.50	503.25	-1.25	6.75	504.230	-4.00	8.77	502.881	-66.67						
-9.42	501.631	-66.67	-6.75	503.414	-3.10	566	+	0.00	8393219.56	325775.96	503.62	502.34	-1.28	6.75	503.353	-4.00	9.67	501.410	-66.67						
-8.86	501.151	-66.67	-6.75	502.557	-4.00	567	+	0.00	8393216.56	325756.19	502.83	501.74	-1.09	6.75	502.557	-4.00	8.76	501.220	-66.67						
-9.28	500.155	-66.67	-6.75	501.843	-4.00	568	+	0.00	8393213.55	325736.42	502.11	500.99	-1.12	6.75	501.843	-4.00	8.65	500.580	-66.67						
-9.16	499.608	-66.67	-6.75	501.212	-4.00	569	+	0.00	8393210.55	325716.64	501.48	500.21	-1.28	6.75	501.212	-4.00	8.54	500.018	-66.67						
-9.35	498.934	-66.67	-6.75	500.664	-4.00	570	+	0.00	8393207.55	325696.87	500.93	499.38	-1.56	6.75	500.664	-4.00	8.51	499.488	-66.67						
-8.20	499.234	-66.67	-6.75	500.199	-4.00	571	+	0.00	8393204.55	325677.10	500.47	498.73	-1.74	6.75	500.199	-4.00	8.75	498.864	-66.67						
-8.42	498.706	-66.67	-6.75	499.816	-4.00	572	+	0.00	8393201.55	325657.32	500.09	498.32	-1.76	6.75	499.816	-4.00	9.23	498.161	-66.67						
-8.32	498.473	-66.67	-6.75	499.517	-4.00	573	+	0.00	8393198.54	325637.55	499.79	498.09	-1.70	6.75	499.517	-4.00	9.29	497.824	-66.67						
-8.72	497.986	-66.67	-6.75	499.300	-4.00	574	+	0.00	8393195.54	325617.78	499.57	497.89	-1.68	6.75	499.300	-4.00	9.33	497.581	-66.67						
-8.89	497.739	-66.67	-6.75	499.163	-4.00	575	+	0.00	8393192.54	325598.00	499.43	497.87	-1.56	6.75	499.316	-1.75	9.65	497.381	-66.67						
-9.16	497.472	-66.67	-6.75	499.076	-4.00	575	+	15.34	8393190.24	325582.84	499.35	497.81	-1.53	6.75	499.346	0.00	10.07	497.135	-66.67						
-9.32	497.338	-66.67	-6.75	499.050	-4.00	576	+	0.00	8393189.54	325578.23	499.32	497.79	-1.53	6.75	499.356	0.53	10.29	496.997	-66.67						
-9.27	497.256	-66.67	-6.75	498.937	-4.00	577	+	0.00	8393186.43	325558.47	499.21	497.55	-1.66	6.75	499.396	2.81	10.74	496.735	-66.67						
-9.41	496.980	-66.67	-6.75	498.750	-5.08	578	+	0.00	8393182.90	325538.79	499.09	497.33	-1.76	6.75	499.436	5.08	10.95	496.635	-66.67						
-8.84	497.179	-66.67	-6.75	498.572	-6.60	578	+	13.34	8393180.15	325525.74	499.02	497.44	-1.58	6.75	499.463	6.60	11.22	496.484	-66.67						
-8.68	497.248	-66.67	-6.75	498.534	-6.60	579	+	0.00	8393178.62	325519.25	498.98	497.47	-1.51	6.75	499.425	6.60	11.13	496.503	-66.67						
-9.43	496.635	-66.67	-6.75	498.421	-6.60	580	+	0.00	8393173.39	325499.95	498.87	497.48	-1.39	6.75	499.312	6.60	11.06	496.440	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO											
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-9.41	496.637	-66.67	-6.75	498.411	-6.60	580	+	1.82	8393172.83	325498.22	498.86	497.47	-1.39	6.75	499.302	6.60	10.98	496.481	-66.67						
-9.30	496.666	-66.67	-6.75	498.363	-6.60	581	+	0.00	8393167.20	325480.94	498.81	497.47	-1.33	6.75	499.254	6.60	10.62	496.676	-66.67						
-9.09	496.817	-66.67	-6.75	498.376	-6.60	581	+	10.31	8393163.64	325471.26	498.82	497.52	-1.30	6.75	499.267	6.60	10.85	496.536	-66.67						
-9.89	496.396	-66.67	-6.75	498.489	-5.50	582	+	0.00	8393160.07	325462.25	498.86	497.64	-1.23	6.75	499.231	5.50	10.72	496.587	-66.67						
-8.32	497.702	-66.67	-6.75	498.751	-4.00	583	+	0.00	8393152.18	325443.88	499.02	497.95	-1.08	6.75	499.238	3.22	9.36	497.497	-66.67						
-8.45	497.886	-66.67	-6.75	499.022	-4.00	584	+	0.00	8393143.84	325425.70	499.29	498.34	-0.96	6.75	499.356	0.95	8.76	498.017	-66.67						
-8.68	497.883	-66.67	-6.75	499.167	-4.00	584	+	8.31	8393140.32	325418.17	499.44	498.45	-0.99	6.75	499.437	0.00	8.81	498.065	-66.67						
-8.77	498.054	-66.67	-6.75	499.403	-4.00	585	+	0.00	8393135.36	325407.59	499.67	498.58	-1.09	6.75	499.583	-1.33	8.60	498.349	-66.67						
-8.70	498.594	-66.67	-6.75	499.894	-4.00	586	+	0.00	8393126.87	325389.47	500.16	498.91	-1.25	6.75	499.920	-3.61	8.51	498.746	-66.67						
-8.68	499.208	-66.67	-6.75	500.494	-4.00	587	+	0.00	8393118.39	325371.36	500.76	499.53	-1.24	6.75	500.494	-4.00	9.16	498.891	-66.67						
-8.34	500.142	-66.67	-6.75	501.205	-4.00	588	+	0.00	8393109.90	325353.25	501.48	500.26	-1.22	6.75	501.205	-4.00	9.48	499.388	-66.67						
-8.56	500.819	-66.67	-6.75	502.025	-4.00	589	+	0.00	8393101.42	325335.14	502.30	501.03	-1.26	6.75	502.025	-4.00	9.52	500.177	-66.67						
-8.69	501.664	-66.67	-6.75	502.955	-4.00	590	+	0.00	8393092.94	325317.03	503.23	502.03	-1.20	6.75	502.955	-4.00	8.45	501.820	-66.67						
-7.97	503.125	-66.67	-6.75	503.940	-4.00	591	+	0.00	8393084.45	325298.92	504.21	503.19	-1.02	6.75	503.940	-4.00	6.98	504.166	100.00						
-7.91	504.154	-66.67	-6.75	504.925	-4.00	592	+	0.00	8393075.97	325280.81	505.20	503.87	-1.33	6.75	504.925	-4.00	8.48	506.658	100.00						
-8.43	504.788	-66.67	-6.75	505.910	-4.00	593	+	0.00	8393067.48	325262.70	506.18	504.85	-1.33	6.75	505.910	-4.00	8.33	507.491	100.00						
-8.04	506.092	-66.67	-6.75	506.954	-3.13	594	+	0.00	8393059.00	325244.58	507.17	505.96	-1.21	6.75	506.895	-4.00	8.22	508.362	100.00						
-7.99	507.264	-66.67	-6.75	508.092	-0.85	595	+	0.00	8393050.51	325226.47	508.15	507.15	-1.00	6.75	507.880	-4.00	7.26	508.390	100.00						
-7.90	507.753	-66.67	-6.75	508.520	0.00	595	+	7.51	8393047.33	325219.68	508.52	507.68	-0.84	6.75	508.250	-4.00	7.72	509.221	100.00						
-7.90	508.369	-66.67	-6.75	509.135	0.00	596	+	0.00	8393042.04	325208.36	509.14	508.63	-0.51	6.75	508.865	-4.00	7.51	509.626	100.00						
-6.77	510.390	100.00	-6.75	510.370	3.70	597	+	0.00	8393033.77	325190.15	510.12	510.44	0.32	6.75	509.850	-4.00	7.80	510.904	100.00						
-7.33	512.090	100.00	-6.75	511.508	5.97	598	+	0.00	8393026.01	325171.71	511.11	512.19	1.08	6.75	510.702	-5.97	9.10	513.056	100.00						
-7.63	512.696	100.00	-6.75	511.822	6.60	598	+	5.51	8393024.01	325166.59	511.38	512.61	1.24	6.75	510.931	-6.60	9.18	513.358	100.00						
-7.99	513.773	100.00	-6.75	512.536	6.60	599	+	0.00	8393019.07	325152.96	512.09	513.77	1.68	6.75	511.645	-6.60	9.28	514.177	100.00						
-8.04	514.807	100.00	-6.75	513.521	6.60	600	+	0.00	8393013.08	325133.88	513.08	514.68	1.61	6.75	512.630	-6.60	8.74	514.618	100.00						
-7.42	515.138	100.00	-6.75	514.469	6.60	601	+	0.00	8393008.05	325114.53	514.02	514.51	0.49	6.75	513.578	-6.60	9.10	515.923	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO											
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.78	515.324	100.00	-6.75	515.289	6.60	602	+	0.00	8393003.99	325094.94	514.84	516.14	1.29	6.75	514.398	-6.60	7.81	515.459	100.00						
-7.49	515.486	-66.67	-6.75	515.978	6.60	603	+	0.00	8393000.92	325075.18	515.53	515.35	-0.18	6.75	515.087	-6.60	7.51	515.846	100.00						
-7.78	515.623	-66.67	-6.75	516.309	6.60	603	+	11.30	8392999.74	325063.95	515.86	515.21	-0.66	6.75	515.418	-6.60	7.74	516.405	100.00						
-7.92	515.754	-66.67	-6.75	516.536	6.60	604	+	0.00	8392998.83	325055.29	516.09	515.18	-0.91	6.75	515.645	-6.60	7.68	516.573	100.00						
-8.30	515.928	-66.67	-6.75	516.962	6.60	605	+	0.00	8392997.75	325035.33	516.52	515.70	-0.82	6.75	516.071	-6.60	7.30	516.619	100.00						
-8.71	515.948	-66.67	-6.75	517.257	6.60	606	+	0.00	8392997.66	325015.33	516.81	515.91	-0.91	6.75	516.366	-6.60	7.02	516.185	-66.67						
-8.63	516.166	-66.67	-6.75	517.420	6.60	607	+	0.00	8392998.57	324995.35	516.98	516.14	-0.84	6.75	516.529	-6.60	7.34	516.135	-66.67						
-8.19	516.491	-66.67	-6.75	517.452	6.60	608	+	0.00	8393000.48	324975.44	517.01	516.74	-0.27	6.75	516.561	-6.60	6.89	516.698	100.00						
-7.56	516.834	-66.67	-6.75	517.375	6.60	608	+	17.08	8393002.90	324958.53	516.93	517.17	0.24	6.75	516.484	-6.60	6.89	516.619	100.00						
-7.50	516.829	-66.67	-6.75	517.330	6.27	609	+	0.00	8393003.38	324955.66	516.91	517.20	0.30	6.75	516.483	-6.27	7.01	516.741	100.00						
-6.97	516.800	-66.67	-6.75	516.949	3.99	610	+	0.00	8393007.19	324936.02	516.68	517.07	0.39	6.75	516.409	-4.00	7.05	516.711	100.00						
-7.02	516.798	100.00	-6.75	516.531	1.72	611	+	0.00	8393011.58	324916.51	516.42	516.90	0.48	6.75	516.145	-4.00	7.48	516.871	100.00						
-7.62	517.089	100.00	-6.75	516.216	0.00	611	+	15.08	8393015.08	324901.84	516.22	516.97	0.75	6.75	515.946	-4.00	7.65	516.848	100.00						
-7.73	517.089	100.00	-6.75	516.113	-0.56	612	+	0.00	8393016.23	324897.06	516.15	517.01	0.86	6.75	515.881	-4.00	7.73	516.861	100.00						
-7.37	516.316	100.00	-6.75	515.696	-2.84	613	+	0.00	8393020.91	324877.62	515.89	516.71	0.82	6.75	515.617	-4.00	7.29	516.154	100.00						
-7.34	515.940	100.00	-6.75	515.353	-4.00	614	+	0.00	8393025.58	324858.17	515.62	516.03	0.40	6.75	515.353	-4.00	6.94	515.542	100.00						
-7.47	515.812	100.00	-6.75	515.089	-4.00	615	+	0.00	8393030.25	324838.72	515.36	515.57	0.21	6.75	515.089	-4.00	6.84	515.178	100.00						
-7.18	515.259	100.00	-6.75	514.825	-4.00	616	+	0.00	8393034.93	324819.28	515.10	515.19	0.09	6.75	514.825	-4.00	6.81	514.882	100.00						
-7.40	515.206	100.00	-6.75	514.561	-4.00	617	+	0.00	8393039.60	324799.83	514.83	514.86	0.03	6.75	514.561	-4.00	6.98	514.785	100.00						
-6.96	514.510	100.00	-6.75	514.297	-4.00	618	+	0.00	8393044.27	324780.38	514.57	514.42	-0.15	6.75	514.297	-4.00	6.78	514.280	-66.67						
-7.03	514.315	100.00	-6.75	514.033	-4.00	619	+	0.00	8393048.95	324760.94	514.30	514.03	-0.27	6.75	514.033	-4.00	6.99	513.873	-66.67						
-6.76	513.780	100.00	-6.75	513.768	-4.00	620	+	0.00	8393053.62	324741.49	514.04	513.53	-0.51	6.75	513.768	-4.00	6.76	513.783	100.00						
-6.81	513.464	-66.67	-6.75	513.504	-4.00	621	+	0.00	8393058.29	324722.05	513.77	513.19	-0.58	6.75	513.504	-4.00	6.78	513.487	-66.67						
-7.10	513.007	-66.67	-6.75	513.240	-4.00	622	+	0.00	8393062.97	324702.60	513.51	512.91	-0.60	6.75	513.240	-4.00	6.86	513.170	-66.67						
-7.20	512.677	-66.67	-6.75	512.976	-4.00	623	+	0.00	8393067.64	324683.15	513.25	512.53	-0.71	6.75	512.976	-4.00	7.46	512.506	-66.67						
-7.43	512.260	-66.67	-6.75	512.712	-4.00	624	+	0.00	8393072.32	324663.71	512.98	512.23	-0.75	6.75	512.712	-4.00	7.31	512.339	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.50	511.947	-66.67	-6.75	512.448	-4.00	625	+	0.00	8393076.99	324644.26	512.72	512.13	-0.59	6.75	512.448	-4.00	6.95	512.318	-66.67						
-7.61	511.609	-66.67	-6.75	512.184	-4.00	626	+	0.00	8393081.66	324624.81	512.45	511.96	-0.49	6.75	512.184	-4.00	6.78	512.166	-66.67						
-7.63	511.332	-66.67	-6.75	511.920	-4.00	627	+	0.00	8393086.34	324605.37	512.19	511.46	-0.73	6.75	511.920	-4.00	7.63	511.335	-66.67						
-7.64	511.061	-66.67	-6.75	511.656	-4.00	628	+	0.00	8393091.01	324585.92	511.93	511.15	-0.77	6.75	511.656	-4.00	8.76	510.318	-66.67						
-7.39	510.966	-66.67	-6.75	511.391	-4.00	629	+	0.00	8393095.68	324566.48	511.66	511.16	-0.50	6.75	511.391	-4.00	8.25	510.393	-66.67						
-7.38	510.705	-66.67	-6.75	511.127	-4.00	630	+	0.00	8393100.36	324547.03	511.40	511.20	-0.20	6.75	511.127	-4.00	7.38	510.706	-66.67						
-6.85	510.799	-66.67	-6.75	510.863	-4.00	631	+	0.00	8393105.03	324527.58	511.13	511.18	0.04	6.75	510.863	-4.00	6.81	510.924	100.00						
-6.80	510.563	-66.67	-6.75	510.599	-4.00	632	+	0.00	8393109.70	324508.14	510.87	511.02	0.15	6.75	510.599	-4.00	6.94	510.793	100.00						
-6.96	510.198	-66.67	-6.75	510.335	-4.00	633	+	0.00	8393114.38	324488.69	510.61	510.80	0.19	6.75	510.335	-4.00	7.09	510.676	100.00						
-6.77	510.095	100.00	-6.75	510.071	-4.00	634	+	0.00	8393119.05	324469.24	510.34	510.38	0.04	6.75	510.071	-4.00	6.98	510.301	100.00						
-7.15	509.543	-66.67	-6.75	509.807	-4.00	635	+	0.00	8393123.72	324449.80	510.08	510.03	-0.04	6.75	509.807	-4.00	6.81	509.865	100.00						
-7.37	509.133	-66.67	-6.75	509.543	-4.00	636	+	0.00	8393128.40	324430.35	509.81	509.64	-0.17	6.75	509.543	-4.00	7.02	509.362	-66.67						
-7.64	508.687	-66.67	-6.75	509.279	-4.00	637	+	0.00	8393133.07	324410.91	509.55	509.16	-0.39	6.75	509.279	-4.00	7.13	509.026	-66.67						
-8.78	507.660	-66.67	-6.75	509.014	-4.00	638	+	0.00	8393137.74	324391.46	509.28	508.64	-0.64	6.75	509.014	-4.00	7.62	508.437	-66.67						
-9.12	507.168	-66.67	-6.75	508.750	-4.00	639	+	0.00	8393142.42	324372.01	509.02	508.21	-0.81	6.75	508.750	-4.00	8.03	507.896	-66.67						
-9.70	506.518	-66.67	-6.75	508.486	-4.00	640	+	0.00	8393147.09	324352.57	508.76	507.66	-1.10	6.75	508.486	-4.00	8.32	507.440	-66.67						
-9.82	506.175	-66.67	-6.75	508.222	-4.00	641	+	0.00	8393151.77	324333.12	508.49	507.34	-1.15	6.75	508.222	-4.00	8.46	507.083	-66.67						
-9.75	505.957	-66.67	-6.75	507.958	-4.00	642	+	0.00	8393156.44	324313.67	508.23	507.13	-1.09	6.75	507.958	-4.00	8.33	506.908	-66.67						
-8.59	506.467	-66.67	-6.75	507.694	-4.00	643	+	0.00	8393161.11	324294.23	507.96	506.84	-1.12	6.75	507.694	-4.00	8.38	506.611	-66.67						
-8.88	506.011	-66.67	-6.75	507.430	-4.00	644	+	0.00	8393165.79	324274.78	507.70	506.47	-1.23	6.75	507.430	-4.00	8.37	506.351	-66.67						
-9.06	505.625	-66.67	-6.75	507.166	-4.00	645	+	0.00	8393170.46	324255.33	507.44	506.21	-1.23	6.75	507.166	-4.00	8.51	505.994	-66.67						
-8.77	505.557	-66.67	-6.75	506.902	-4.00	646	+	0.00	8393175.13	324235.89	507.17	505.92	-1.25	6.75	506.902	-4.00	8.65	505.634	-66.67						
-8.94	505.179	-66.67	-6.75	506.638	-4.00	647	+	0.00	8393179.81	324216.44	506.91	505.66	-1.25	6.75	506.638	-4.00	8.49	505.480	-66.67						
-9.63	504.452	-66.67	-6.75	506.373	-4.00	648	+	0.00	8393184.48	324197.00	506.64	505.43	-1.22	6.75	506.373	-4.00	8.54	505.179	-66.67						
-9.79	504.080	-66.67	-6.75	506.109	-4.00	649	+	0.00	8393189.15	324177.55	506.38	505.19	-1.19	6.75	506.180	-2.96	8.68	504.891	-66.67						
-8.72	504.531	-66.67	-6.75	505.845	-4.00	650	+	0.00	8393193.83	324158.10	506.12	504.98	-1.13	6.75	506.101	-0.21	8.99	504.609	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.94	504.368	-66.67	-6.75	505.825	-4.00	650	+	1.53	8393194.18	324156.62	506.10	504.97	-1.13	6.75	506.095	0.00	8.99	504.605	-66.67						
-10.32	503.201	-66.67	-6.75	505.581	-4.00	651	+	0.00	8393198.45	324138.64	505.85	504.77	-1.08	6.75	506.023	2.54	9.08	504.473	-66.67						
-9.41	503.454	-66.67	-6.75	505.230	-5.29	652	+	0.00	8393202.69	324119.10	505.59	504.45	-1.14	6.75	505.944	5.29	9.30	504.245	-66.67						
-8.15	504.082	-66.67	-6.75	505.016	-6.60	652	+	9.53	8393204.46	324109.74	505.46	504.26	-1.20	6.75	505.907	6.60	9.48	504.085	-66.67						
-9.73	502.890	-66.67	-6.75	504.877	-6.60	653	+	0.00	8393206.16	324099.41	505.32	504.06	-1.26	6.75	505.768	6.60	9.60	503.870	-66.67						
-8.25	503.613	-66.67	-6.75	504.613	-6.60	654	+	0.00	8393208.65	324079.56	505.06	503.82	-1.24	6.75	505.504	6.60	9.58	503.618	-66.67						
-8.45	503.376	-66.67	-6.75	504.510	-6.60	654	+	7.80	8393209.23	324071.79	504.96	503.70	-1.25	6.75	505.401	6.60	9.30	503.702	-66.67						
-8.12	503.437	-66.67	-6.75	504.349	-6.60	655	+	0.00	8393210.14	324059.62	504.80	503.60	-1.20	6.75	505.240	6.60	9.45	503.443	-66.67						
-8.08	503.200	-66.67	-6.75	504.085	-6.60	656	+	0.00	8393210.63	324039.63	504.53	503.56	-0.97	6.75	504.976	6.60	9.26	503.303	-66.67						
-7.91	503.234	-66.67	-6.75	504.005	-6.60	656	+	6.07	8393210.58	324033.56	504.45	503.52	-0.93	6.75	504.896	6.60	9.22	503.249	-66.67						
-7.92	503.174	-66.67	-6.75	503.950	-4.69	657	+	0.00	8393210.15	324019.64	504.27	503.36	-0.91	6.75	504.583	4.69	9.32	502.872	-66.67						
-7.79	503.037	-66.67	-6.75	503.732	-4.00	658	+	0.00	8393208.96	323999.67	504.00	503.04	-0.97	6.75	504.133	1.94	9.16	502.525	-66.67						
-8.02	502.703	-66.67	-6.75	503.547	-4.00	658	+	14.07	8393207.92	323985.64	503.82	502.89	-0.93	6.75	503.817	0.00	8.52	502.638	-66.67						
-7.78	502.779	-66.67	-6.75	503.468	-4.00	659	+	0.00	8393207.47	323979.73	503.74	502.84	-0.90	6.75	503.683	-0.81	8.67	502.407	-66.67						
-7.83	502.486	-66.67	-6.75	503.204	-4.00	660	+	0.00	8393205.97	323959.78	503.47	502.58	-0.90	6.75	503.234	-3.56	8.37	502.153	-66.67						
-8.03	502.088	-66.67	-6.75	502.940	-4.00	661	+	0.00	8393204.46	323939.84	503.21	502.43	-0.78	6.75	502.940	-4.00	8.34	501.884	-66.67						
-7.49	502.185	-66.67	-6.75	502.676	-4.00	662	+	0.00	8393202.95	323919.90	502.95	502.41	-0.54	6.75	502.676	-4.00	8.10	501.777	-66.67						
-7.33	502.027	-66.67	-6.75	502.415	-4.00	663	+	0.00	8393201.44	323899.96	502.69	502.28	-0.41	6.75	502.415	-4.00	7.54	501.891	-66.67						
-7.09	501.950	-66.67	-6.75	502.180	-4.00	664	+	0.00	8393199.93	323880.01	502.45	502.21	-0.24	6.75	502.180	-4.00	7.36	501.771	-66.67						
-6.86	501.897	-66.67	-6.75	501.973	-4.00	665	+	0.00	8393198.42	323860.07	502.24	502.17	-0.08	6.75	501.973	-4.00	6.96	501.834	-66.67						
-6.94	501.987	100.00	-6.75	501.794	-4.00	666	+	0.00	8393196.91	323840.13	502.06	502.10	0.03	6.75	501.794	-4.00	6.88	501.705	-66.67						
-6.88	501.558	-66.67	-6.75	501.644	-4.00	667	+	0.00	8393195.40	323820.18	501.91	502.06	0.15	6.75	501.644	-4.00	6.79	501.688	100.00						
-6.96	501.379	-66.67	-6.75	501.518	-4.00	668	+	0.00	8393193.89	323800.24	501.79	501.87	0.08	6.75	501.518	-4.00	6.80	501.483	-66.67						
-6.76	501.390	-66.67	-6.75	501.397	-4.00	669	+	0.00	8393192.39	323780.30	501.67	501.68	0.02	6.75	501.397	-4.00	6.88	501.522	100.00						
-6.79	501.313	100.00	-6.75	501.275	-4.00	670	+	0.00	8393190.88	323760.35	501.55	501.57	0.03	6.75	501.275	-4.00	6.78	501.302	100.00						
-6.88	501.278	100.00	-6.75	501.153	-4.00	671	+	0.00	8393189.37	323740.41	501.42	501.50	0.07	6.75	501.153	-4.00	6.77	501.143	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.15	501.434	100.00	-6.75	501.032	-4.00	672	+	0.00	8393187.86	323720.47	501.30	501.42	0.12	6.75	501.032	-4.00	6.80	501.110	100.00						
-7.02	501.183	100.00	-6.75	500.910	-4.00	673	+	0.00	8393186.35	323700.53	501.18	501.35	0.17	6.75	500.910	-4.00	6.84	501.004	100.00						
-7.05	501.084	100.00	-6.75	500.788	-4.00	674	+	0.00	8393184.84	323680.58	501.06	501.28	0.22	6.75	500.788	-4.00	6.86	500.901	100.00						
-7.30	501.215	100.00	-6.75	500.667	-4.00	675	+	0.00	8393183.33	323660.64	500.94	501.19	0.25	6.75	500.667	-4.00	6.85	500.762	100.00						
-7.34	501.135	100.00	-6.75	500.545	-4.00	676	+	0.00	8393181.82	323640.70	500.82	501.07	0.25	6.75	500.545	-4.00	7.05	500.848	100.00						
-7.24	500.917	100.00	-6.75	500.423	-4.00	677	+	0.00	8393180.32	323620.75	500.69	500.93	0.24	6.75	500.423	-4.00	7.11	500.781	100.00						
-7.22	500.775	100.00	-6.75	500.301	-4.00	678	+	0.00	8393178.81	323600.81	500.57	500.81	0.23	6.75	500.301	-4.00	7.15	500.705	100.00						
-6.78	500.212	100.00	-6.75	500.180	-4.00	679	+	0.00	8393177.30	323580.87	500.45	500.68	0.23	6.75	500.180	-4.00	7.00	500.425	100.00						
-7.05	499.860	-66.67	-6.75	500.058	-4.00	680	+	0.00	8393175.79	323560.92	500.33	500.58	0.25	6.75	500.058	-4.00	7.22	500.524	100.00						
-6.80	499.905	-66.67	-6.75	499.936	-4.00	681	+	0.00	8393174.28	323540.98	500.21	500.51	0.30	6.75	499.936	-4.00	7.36	500.541	100.00						
-6.81	499.776	-66.67	-6.75	499.815	-4.00	682	+	0.00	8393172.77	323521.04	500.09	500.46	0.38	6.75	499.815	-4.00	7.35	500.416	100.00						
-6.86	499.799	100.00	-6.75	499.693	-4.00	683	+	0.00	8393171.26	323501.10	499.96	500.33	0.36	6.75	499.693	-4.00	7.21	500.153	100.00						
-7.50	500.317	100.00	-6.75	499.571	-4.00	684	+	0.00	8393169.75	323481.15	499.84	500.26	0.42	6.75	499.571	-4.00	7.11	499.931	100.00						
-7.71	500.409	100.00	-6.75	499.449	-4.00	685	+	0.00	8393168.24	323461.21	499.72	500.21	0.49	6.75	499.449	-4.00	7.07	499.771	100.00						
-7.57	500.148	100.00	-6.75	499.328	-4.00	686	+	0.00	8393166.74	323441.27	499.60	500.09	0.50	6.75	499.328	-4.00	7.28	499.861	100.00						
-7.47	499.924	100.00	-6.75	499.206	-4.00	687	+	0.00	8393165.23	323421.32	499.48	499.94	0.47	6.75	499.206	-4.00	7.22	499.677	100.00						
-7.67	500.001	100.00	-6.75	499.084	-4.00	688	+	0.00	8393163.72	323401.38	499.35	499.78	0.42	6.75	499.084	-4.00	7.08	499.419	100.00						
-7.71	499.926	100.00	-6.75	498.963	-4.00	689	+	0.00	8393162.21	323381.44	499.23	499.55	0.32	6.75	498.963	-4.00	7.23	499.446	100.00						
-7.29	499.385	100.00	-6.75	498.841	-4.00	690	+	0.00	8393160.70	323361.49	499.11	499.33	0.22	6.75	498.841	-4.00	7.08	499.166	100.00						
-7.29	499.255	100.00	-6.75	498.719	-4.00	691	+	0.00	8393159.19	323341.55	498.99	499.18	0.19	6.75	498.719	-4.00	6.98	498.949	100.00						
-7.21	499.058	100.00	-6.75	498.598	-4.00	692	+	0.00	8393157.68	323321.61	498.87	498.92	0.05	6.75	498.598	-4.00	6.86	498.711	100.00						
-6.98	498.705	100.00	-6.75	498.476	-4.00	693	+	0.00	8393156.17	323301.67	498.75	498.68	-0.07	6.75	498.476	-4.00	6.76	498.472	-66.67						
-6.90	498.506	100.00	-6.75	498.354	-4.00	694	+	0.00	8393154.67	323281.72	498.62	498.45	-0.17	6.75	498.354	-4.00	6.98	498.202	-66.67						
-6.82	498.304	100.00	-6.75	498.232	-4.00	695	+	0.00	8393153.16	323261.78	498.50	498.21	-0.29	6.75	498.232	-4.00	6.91	498.128	-66.67						
-6.78	498.143	100.00	-6.75	498.111	-4.00	696	+	0.00	8393151.65	323241.84	498.38	498.09	-0.29	6.75	498.111	-4.00	7.01	497.938	-66.67						
-6.81	497.952	-66.67	-6.75	497.989	-4.00	697	+	0.00	8393150.14	323221.89	498.26	497.93	-0.32	6.75	497.989	-4.00	7.09	497.760	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.91	497.759	-66.67	-6.75	497.867	-4.00	698	+	0.00	8393148.63	323201.95	498.14	497.73	-0.41	6.75	497.867	-4.00	7.02	497.688	-66.67						
-6.91	497.639	-66.67	-6.75	497.746	-4.00	699	+	0.00	8393147.12	323182.01	498.02	497.51	-0.50	6.75	497.746	-4.00	7.35	497.345	-66.67						
-7.21	497.320	-66.67	-6.75	497.624	-4.00	700	+	0.00	8393145.61	323162.06	497.89	497.27	-0.63	6.75	497.624	-4.00	7.60	497.057	-66.67						
-7.18	497.214	-66.67	-6.75	497.502	-4.00	701	+	0.00	8393144.10	323142.12	497.77	497.10	-0.68	6.75	497.502	-4.00	7.68	496.883	-66.67						
-7.40	496.946	-66.67	-6.75	497.380	-4.00	702	+	0.00	8393142.59	323122.18	497.65	496.90	-0.75	6.75	497.380	-4.00	7.73	496.728	-66.67						
-7.50	496.758	-66.67	-6.75	497.259	-4.00	703	+	0.00	8393141.09	323102.24	497.53	496.71	-0.82	6.75	497.259	-4.00	7.94	496.466	-66.67						
-7.59	496.580	-66.67	-6.75	497.137	-4.00	704	+	0.00	8393139.58	323082.29	497.41	496.52	-0.89	6.75	497.137	-4.00	8.11	496.232	-66.67						
-7.58	496.462	-66.67	-6.75	497.015	-4.00	705	+	0.00	8393138.07	323062.35	497.29	496.43	-0.86	6.75	497.015	-4.00	8.03	496.165	-66.67						
-7.98	496.074	-66.67	-6.75	496.894	-4.00	706	+	0.00	8393136.56	323042.41	497.16	496.27	-0.89	6.75	496.894	-4.00	8.16	495.957	-66.67						
-7.74	496.112	-66.67	-6.75	496.772	-4.00	707	+	0.00	8393135.05	323022.46	497.04	496.14	-0.90	6.75	496.772	-4.00	7.97	495.959	-66.67						
-7.64	496.060	-66.67	-6.75	496.650	-4.00	708	+	0.00	8393133.54	323002.52	496.92	496.00	-0.92	6.75	496.650	-4.00	8.13	495.733	-66.67						
-7.75	495.865	-66.67	-6.75	496.529	-4.00	709	+	0.00	8393132.03	322982.58	496.80	495.95	-0.85	6.75	496.529	-4.00	8.19	495.566	-66.67						
-7.86	495.668	-66.67	-6.75	496.407	-4.00	710	+	0.00	8393130.52	322962.63	496.68	495.82	-0.86	6.75	496.407	-4.00	8.07	495.527	-66.67						
-7.73	495.685	-66.67	-6.75	496.336	-4.00	710	+	11.67	8393129.64	322951.00	496.61	495.83	-0.78	6.75	496.336	-4.00	8.02	495.491	-66.67						
-7.81	495.582	-66.67	-6.75	496.285	-4.00	711	+	0.00	8393129.00	322942.69	496.56	495.79	-0.77	6.75	496.285	-4.00	7.96	495.480	-66.67						
-7.77	495.485	-66.67	-6.75	496.163	-4.00	712	+	0.00	8393127.38	322922.76	496.43	495.70	-0.73	6.75	496.163	-4.00	7.87	495.415	-66.67						
-7.61	495.468	-66.67	-6.75	496.042	-4.00	713	+	0.00	8393125.64	322902.83	496.31	495.59	-0.73	6.75	496.042	-4.00	7.61	495.467	-66.67						
-7.47	495.439	-66.67	-6.75	495.920	-4.00	714	+	0.00	8393123.77	322882.92	496.19	495.42	-0.77	6.75	495.920	-4.00	7.64	495.325	-66.67						
-7.74	495.139	-66.67	-6.75	495.798	-4.00	715	+	0.00	8393121.78	322863.02	496.07	495.34	-0.73	6.75	495.798	-4.00	7.73	495.145	-66.67						
-7.66	495.070	-66.67	-6.75	495.677	-4.00	716	+	0.00	8393119.67	322843.13	495.95	495.24	-0.71	6.75	495.677	-4.00	7.73	495.026	-66.67						
-7.46	495.119	-66.67	-6.75	495.593	-4.00	716	+	13.68	8393118.14	322829.54	495.86	495.12	-0.75	6.75	495.593	-4.00	7.64	495.003	-66.67						
-7.46	495.082	-66.67	-6.75	495.555	-4.00	717	+	0.00	8393117.44	322823.26	495.83	495.08	-0.74	6.75	495.555	-4.00	7.55	495.025	-66.67						
-7.51	494.926	-66.67	-6.75	495.433	-4.00	718	+	0.00	8393115.08	322803.40	495.70	494.98	-0.72	6.75	495.433	-4.00	7.63	494.847	-66.67						
-7.57	494.763	-66.67	-6.75	495.311	-4.00	719	+	0.00	8393112.60	322783.55	495.58	494.86	-0.72	6.75	495.311	-4.00	8.00	494.476	-66.67						
-7.84	494.464	-66.67	-6.75	495.190	-4.00	720	+	0.00	8393110.00	322763.72	495.46	494.71	-0.75	6.75	495.190	-4.00	8.05	494.321	-66.67						
-8.00	494.237	-66.67	-6.75	495.068	-4.00	721	+	0.00	8393107.28	322743.91	495.34	494.57	-0.77	6.75	495.068	-4.00	8.08	494.179	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.86	494.206	-66.67	-6.75	494.946	-4.00	722	+	0.00	8393104.44	322724.11	495.22	494.45	-0.77	6.75	494.946	-4.00	8.00	494.114	-66.67						
-7.68	494.234	-66.67	-6.75	494.851	-4.00	722	+	15.69	8393102.12	322708.59	495.12	494.38	-0.74	6.75	494.851	-4.00	8.22	493.871	-66.67						
-7.74	494.167	-66.67	-6.75	494.825	-4.00	723	+	0.00	8393101.47	322704.33	495.10	494.36	-0.74	6.75	494.825	-4.00	8.04	493.965	-66.67						
-7.73	494.053	-66.67	-6.75	494.703	-4.00	724	+	0.00	8393098.47	322684.56	494.97	494.17	-0.80	6.75	494.703	-4.00	8.19	493.743	-66.67						
-7.97	493.768	-66.67	-6.75	494.581	-4.00	725	+	0.00	8393095.47	322664.78	494.85	494.04	-0.81	6.75	494.581	-4.00	7.94	493.787	-66.67						
-7.85	493.729	-66.67	-6.75	494.459	-4.00	726	+	0.00	8393092.47	322645.01	494.73	493.92	-0.81	6.75	494.459	-4.00	8.10	493.563	-66.67						
-7.42	493.892	-66.67	-6.75	494.338	-4.00	727	+	0.00	8393089.47	322625.24	494.61	493.84	-0.77	6.75	494.338	-4.00	8.16	493.396	-66.67						
-7.55	493.682	-66.67	-6.75	494.216	-4.00	728	+	0.00	8393086.47	322605.46	494.49	493.56	-0.92	6.75	494.216	-4.00	8.10	493.316	-66.67						
-7.51	493.588	-66.67	-6.75	494.094	-4.00	729	+	0.00	8393083.47	322585.69	494.36	493.40	-0.97	6.75	494.094	-4.00	8.24	493.103	-66.67						
-7.44	493.512	-66.67	-6.75	493.973	-4.00	730	+	0.00	8393080.47	322565.92	494.24	493.32	-0.93	6.75	493.973	-4.00	8.33	492.921	-66.67						
-7.37	493.440	-66.67	-6.75	493.851	-4.00	731	+	0.00	8393077.47	322546.14	494.12	493.10	-1.02	6.75	493.851	-4.00	8.32	492.803	-66.67						
-7.37	493.318	-66.67	-6.75	493.729	-4.00	732	+	0.00	8393074.47	322526.37	494.00	493.02	-0.98	6.75	493.729	-4.00	8.23	492.743	-66.67						
-7.39	493.180	-66.67	-6.75	493.608	-4.00	733	+	0.00	8393071.47	322506.60	493.88	492.92	-0.96	6.75	493.608	-4.00	8.20	492.644	-66.67						
-7.32	493.106	-66.67	-6.75	493.486	-4.00	734	+	0.00	8393068.47	322486.82	493.76	492.87	-0.89	6.75	493.486	-4.00	8.08	492.597	-66.67						
-7.32	492.983	-66.67	-6.75	493.364	-4.00	735	+	0.00	8393065.47	322467.05	493.63	492.67	-0.97	6.75	493.364	-4.00	8.19	492.407	-66.67						
-7.28	492.891	-66.67	-6.75	493.242	-4.00	736	+	0.00	8393062.47	322447.27	493.51	492.62	-0.89	6.75	493.242	-4.00	7.87	492.495	-66.67						
-7.23	492.801	-66.67	-6.75	493.121	-4.00	737	+	0.00	8393059.47	322427.50	493.39	492.43	-0.97	6.75	493.121	-4.00	7.98	492.302	-66.67						
-7.02	492.821	-66.67	-6.75	492.999	-4.00	738	+	0.00	8393056.47	322407.73	493.27	492.42	-0.85	6.75	492.999	-4.00	7.90	492.230	-66.67						
-6.98	492.723	-66.67	-6.75	492.877	-4.00	739	+	0.00	8393053.46	322387.95	493.15	492.33	-0.82	6.75	492.877	-4.00	7.59	492.320	-66.67						
-6.83	492.700	-66.67	-6.75	492.756	-4.00	740	+	0.00	8393050.46	322368.18	493.03	492.15	-0.88	6.75	492.756	-4.00	7.60	492.191	-66.67						
-6.89	492.772	100.00	-6.75	492.634	-4.00	741	+	0.00	8393047.46	322348.41	492.90	492.21	-0.70	6.75	492.634	-4.00	7.52	492.124	-66.67						
-6.92	492.687	100.00	-6.75	492.512	-4.00	742	+	0.00	8393044.46	322328.63	492.78	492.20	-0.58	6.75	492.512	-4.00	7.90	491.746	-66.67						
-6.76	492.398	100.00	-6.75	492.390	-4.00	743	+	0.00	8393041.46	322308.86	492.66	492.22	-0.44	6.75	492.390	-4.00	7.80	491.690	-66.67						
-6.84	492.212	-66.67	-6.75	492.269	-4.00	744	+	0.00	8393038.46	322289.09	492.54	492.28	-0.25	6.75	492.269	-4.00	7.75	491.604	-66.67						
-7.25	491.814	-66.67	-6.75	492.147	-4.00	745	+	0.00	8393035.46	322269.31	492.42	492.20	-0.22	6.75	492.147	-4.00	7.53	491.630	-66.67						
-7.33	491.798	-66.67	-6.75	492.185	-1.63	746	+	0.00	8393032.46	322249.54	492.30	492.17	-0.12	6.75	492.025	-4.00	7.43	491.573	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.66	491.619	-66.67	-6.75	492.223	0.00	746	+	11.82	8393030.69	322237.85	492.22	492.08	-0.14	6.75	491.953	-4.00	7.78	491.267	-66.67						
-7.67	491.634	-66.67	-6.75	492.250	1.13	747	+	0.00	8393029.47	322229.76	492.17	492.05	-0.12	6.75	491.904	-4.00	7.70	491.270	-66.67						
-7.83	491.597	-66.67	-6.75	492.314	3.89	748	+	0.00	8393026.74	322209.95	492.05	492.00	-0.06	6.75	491.782	-4.00	7.78	491.097	-66.67						
-7.95	491.582	-66.67	-6.75	492.379	6.65	749	+	0.00	8393024.85	322190.04	491.93	491.92	-0.01	6.75	491.482	-6.65	7.35	491.080	-66.67						
-7.90	491.647	-66.67	-6.75	492.410	8.00	749	+	9.82	8393024.41	322180.23	491.87	491.92	0.05	6.75	491.330	-8.00	7.13	491.080	-66.67						
-7.75	491.679	-66.67	-6.75	492.349	8.00	750	+	0.00	8393024.38	322170.05	491.81	491.79	-0.02	6.75	491.269	-8.00	6.97	491.122	-66.67						
-7.80	491.525	-66.67	-6.75	492.227	8.00	751	+	0.00	8393025.65	322150.10	491.69	491.37	-0.32	6.75	491.147	-8.00	6.76	491.142	-66.67						
-7.63	491.517	-66.67	-6.75	492.105	8.00	752	+	0.00	8393028.64	322130.33	491.57	491.10	-0.47	6.75	491.025	-8.00	6.79	491.000	-66.67						
-7.84	491.266	-66.67	-6.75	491.993	8.00	753	+	0.00	8393033.33	322110.90	491.45	490.85	-0.60	6.75	490.913	-8.00	6.83	490.859	-66.67						
-7.73	491.292	-66.67	-6.75	491.946	8.00	753	+	19.92	8393039.67	322092.03	491.41	490.85	-0.56	6.75	490.866	-8.00	6.89	490.774	-66.67						
-7.73	491.292	-66.67	-6.75	491.946	8.00	754	+	0.00	8393039.70	322091.95	491.41	490.85	-0.56	6.75	490.866	-8.00	6.89	490.773	-66.67						
-7.68	491.354	-66.67	-6.75	491.974	8.00	755	+	0.00	8393047.69	322073.62	491.43	490.66	-0.78	6.75	490.894	-8.00	7.15	490.628	-66.67						
-8.63	490.823	-66.67	-6.75	492.078	8.00	756	+	0.00	8393057.24	322056.05	491.54	491.07	-0.47	6.75	490.998	-8.00	7.46	490.526	-66.67						
-8.71	490.950	-66.67	-6.75	492.256	8.00	757	+	0.00	8393068.28	322039.38	491.72	491.49	-0.22	6.75	491.176	-8.00	7.57	490.631	-66.67						
-8.43	491.382	-66.67	-6.75	492.500	8.00	758	+	0.00	8393080.73	322023.73	491.96	491.55	-0.41	6.75	491.420	-8.00	7.12	491.176	-66.67						
-8.25	491.627	-66.67	-6.75	492.627	8.00	758	+	10.01	8393087.45	322016.33	492.09	491.60	-0.48	6.75	491.547	-8.00	7.03	491.364	-66.67						
-8.25	491.663	-66.67	-6.75	492.660	6.62	759	+	0.00	8393094.47	322009.22	492.21	491.71	-0.50	6.75	491.766	-6.62	7.11	491.527	-66.67						
-7.82	492.015	-66.67	-6.75	492.727	3.86	760	+	0.00	8393109.23	321995.72	492.47	491.96	-0.51	6.75	492.197	-4.00	7.33	491.810	-66.67						
-7.82	492.268	-66.67	-6.75	492.981	3.86	761	+	0.00	8393124.53	321982.84	492.72	492.31	-0.41	6.75	492.450	-4.00	7.33	492.064	-66.67						
-7.22	492.506	-66.67	-6.75	492.821	0.00	761	+	8.01	8393130.73	321977.77	492.82	492.51	-0.31	6.75	492.551	-4.00	7.34	492.161	-66.67						
-7.29	492.500	-66.67	-6.75	492.862	-1.65	762	+	0.00	8393140.01	321970.17	492.97	492.68	-0.29	6.75	492.703	-4.00	7.38	492.281	-66.67						
-7.17	492.679	-66.67	-6.75	492.957	-4.00	763	+	0.00	8393155.48	321957.51	493.23	492.96	-0.27	6.75	492.957	-4.00	7.15	492.691	-66.67						
-7.07	492.997	-66.67	-6.75	493.210	-4.00	764	+	0.00	8393170.96	321944.84	493.48	493.30	-0.18	6.75	493.210	-4.00	7.51	492.703	-66.67						
-7.00	493.295	-66.67	-6.75	493.463	-4.00	765	+	0.00	8393186.44	321932.18	493.73	493.63	-0.10	6.75	493.463	-4.00	7.42	493.015	-66.67						
-7.16	493.444	-66.67	-6.75	493.717	-4.00	766	+	0.00	8393201.92	321919.51	493.99	493.95	-0.04	6.75	493.717	-4.00	7.20	493.415	-66.67						
-6.93	493.838	-66.67	-6.75	493.961	-4.00	767	+	0.00	8393217.40	321906.85	494.23	494.15	-0.08	6.75	493.961	-4.00	7.26	493.619	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.79	494.189	100.00	-6.75	494.146	-4.00	768	+	0.00	8393232.88	321894.18	494.42	494.18	-0.24	6.75	494.146	-4.00	7.48	493.659	-66.67						
-6.76	494.274	100.00	-6.75	494.263	-4.00	769	+	0.00	8393248.35	321881.51	494.53	494.31	-0.23	6.75	494.263	-4.00	6.95	494.129	-66.67						
-6.79	494.350	100.00	-6.75	494.311	-4.00	770	+	0.00	8393263.83	321868.85	494.58	494.16	-0.42	6.75	494.311	-4.00	7.32	493.934	-66.67						
-6.84	494.233	-66.67	-6.75	494.291	-4.00	771	+	0.00	8393279.31	321856.18	494.56	494.16	-0.40	6.75	494.291	-4.00	7.40	493.860	-66.67						
-6.97	494.057	-66.67	-6.75	494.203	-4.00	772	+	0.00	8393294.79	321843.52	494.47	494.10	-0.38	6.75	494.203	-4.00	7.31	493.831	-66.67						
-6.95	493.915	-66.67	-6.75	494.046	-4.00	773	+	0.00	8393310.27	321830.85	494.32	494.08	-0.23	6.75	494.046	-4.00	7.53	493.529	-66.67						
-7.12	493.581	-66.67	-6.75	493.830	-4.00	774	+	0.00	8393325.75	321818.18	494.10	493.93	-0.17	6.75	493.830	-4.00	7.27	493.482	-66.67						
-7.30	493.237	-66.67	-6.75	493.605	-4.00	775	+	0.00	8393341.22	321805.52	493.88	493.77	-0.11	6.75	493.605	-4.00	7.09	493.381	-66.67						
-7.46	492.910	-66.67	-6.75	493.380	-4.00	776	+	0.00	8393356.70	321792.85	493.65	493.53	-0.12	6.75	493.380	-4.00	7.21	493.071	-66.67						
-7.77	492.472	-66.67	-6.75	493.155	-4.00	777	+	0.00	8393372.18	321780.19	493.43	493.19	-0.24	6.75	493.155	-4.00	7.29	492.794	-66.67						
-7.40	492.496	-66.67	-6.75	492.930	-4.00	778	+	0.00	8393387.66	321767.52	493.20	492.83	-0.37	6.75	492.930	-4.00	7.45	492.462	-66.67						
-7.74	492.048	-66.67	-6.75	492.705	-4.00	779	+	0.00	8393403.14	321754.86	492.98	492.39	-0.59	6.75	492.705	-4.00	7.67	492.089	-66.67						
-7.90	491.712	-66.67	-6.75	492.480	-4.00	780	+	0.00	8393418.62	321742.19	492.75	492.03	-0.72	6.75	492.480	-4.00	8.00	491.647	-66.67						
-8.21	491.284	-66.67	-6.75	492.255	-4.00	781	+	0.00	8393434.09	321729.52	492.53	491.58	-0.95	6.75	492.349	-2.60	8.51	491.177	-66.67						
-8.13	491.107	-66.67	-6.75	492.030	-4.00	782	+	0.00	8393449.57	321716.86	492.30	491.19	-1.11	6.75	492.261	-0.57	8.75	490.927	-66.67						
-8.70	490.669	-66.67	-6.75	491.967	-4.00	782	+	5.62	8393453.92	321713.30	492.24	491.12	-1.12	6.75	492.237	0.00	8.99	490.742	-66.67						
-8.78	490.453	-66.67	-6.75	491.805	-4.00	783	+	0.00	8393465.04	321704.18	492.08	490.91	-1.17	6.75	492.174	1.46	9.24	490.516	-66.67						
-8.88	490.161	-66.67	-6.75	491.580	-4.00	784	+	0.00	8393480.37	321691.33	491.85	490.70	-1.15	6.75	492.086	3.50	9.77	490.071	-66.67						
-9.30	489.549	-66.67	-6.75	491.252	-5.53	785	+	0.00	8393495.37	321678.10	491.63	490.40	-1.22	6.75	491.998	5.53	10.26	489.661	-66.67						
-9.12	489.567	-66.67	-6.75	491.150	-6.10	785	+	5.62	8393499.49	321674.29	491.56	490.32	-1.25	6.75	491.974	6.10	10.38	489.553	-66.67						
-9.18	489.371	-66.67	-6.75	490.988	-6.10	786	+	0.00	8393509.83	321664.29	491.40	490.15	-1.25	6.75	491.812	6.10	10.54	489.287	-66.67						
-8.92	489.314	-66.67	-6.75	490.763	-6.10	787	+	0.00	8393523.67	321649.85	491.18	490.01	-1.17	6.75	491.587	6.10	10.02	489.409	-66.67						
-8.30	489.506	-66.67	-6.75	490.538	-6.10	788	+	0.00	8393536.85	321634.81	490.95	489.96	-0.99	6.75	491.362	6.10	9.74	489.367	-66.67						
-7.80	489.673	-66.67	-6.75	490.374	-6.10	789	+	0.00	8393549.35	321619.21	490.79	490.09	-0.70	6.75	491.197	6.10	8.67	489.917	-66.67						
-7.28	489.975	-66.67	-6.75	490.331	-6.10	790	+	0.00	8393561.15	321603.06	490.74	490.06	-0.68	6.75	491.155	6.10	8.37	490.074	-66.67						
-7.31	490.036	-66.67	-6.75	490.409	-6.10	791	+	0.00	8393572.21	321586.40	490.82	490.18	-0.64	6.75	491.233	6.10	8.13	490.315	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.52	490.097	-66.67	-6.75	490.609	-6.10	792	+	0.00	8393582.53	321569.26	491.02	490.21	-0.81	6.75	491.433	6.10	8.19	490.473	-66.67						
-8.05	490.007	-66.67	-6.75	490.870	-6.10	793	+	0.00	8393592.07	321551.69	491.28	490.08	-1.20	6.75	491.693	6.10	8.63	490.441	-66.67						
-8.65	489.867	-66.67	-6.75	491.130	-6.10	794	+	0.00	8393600.82	321533.71	491.54	489.99	-1.55	6.75	491.954	6.10	9.09	490.397	-66.67						
-9.05	489.709	-66.67	-6.75	491.241	-6.10	794	+	8.49	8393604.19	321525.92	491.65	489.94	-1.71	6.75	492.065	6.10	9.43	490.280	-66.67						
-9.27	489.711	-66.67	-6.75	491.391	-6.10	795	+	0.00	8393608.77	321515.36	491.80	489.79	-2.01	6.75	492.215	6.10	9.96	490.072	-66.67						
-10.06	489.409	-66.67	-6.75	491.612	-6.10	796	+	0.00	8393615.89	321496.67	492.02	489.77	-2.26	6.75	492.435	6.10	10.42	489.986	-66.67						
-10.47	489.238	-66.67	-6.75	491.716	-6.10	797	+	0.00	8393622.18	321477.69	492.13	489.77	-2.36	6.75	492.540	6.10	11.29	489.511	-66.67						
-10.70	489.068	-66.67	-6.75	491.703	-6.10	798	+	0.00	8393627.61	321458.44	492.12	489.90	-2.22	6.75	492.527	6.10	11.46	489.385	-66.67						
-9.76	489.566	-66.67	-6.75	491.572	-6.10	799	+	0.00	8393632.19	321438.97	491.98	489.87	-2.11	6.75	492.396	6.10	10.21	490.090	-66.67						
-9.17	489.713	-66.67	-6.75	491.324	-6.10	800	+	0.00	8393635.89	321419.32	491.74	490.19	-1.55	6.75	492.147	6.10	9.38	490.391	-66.67						
-8.40	489.901	-66.67	-6.75	490.998	-6.10	801	+	0.00	8393638.72	321399.52	491.41	490.37	-1.04	6.75	491.821	6.10	8.90	490.389	-66.67						
-7.40	490.263	-66.67	-6.75	490.694	-6.10	802	+	0.00	8393640.67	321379.62	491.11	490.46	-0.65	6.75	491.518	6.10	8.22	490.536	-66.67						
-6.85	490.436	-66.67	-6.75	490.505	-6.10	803	+	0.00	8393641.73	321359.65	490.92	490.50	-0.41	6.75	491.329	6.10	7.85	490.595	-66.67						
-6.77	490.440	-66.67	-6.75	490.452	-6.10	803	+	11.36	8393641.93	321348.29	490.86	490.59	-0.27	6.75	491.276	6.10	7.70	490.642	-66.67						
-6.78	490.524	100.00	-6.75	490.497	-5.22	804	+	0.00	8393641.90	321339.65	490.85	490.69	-0.16	6.75	491.202	5.22	7.56	490.665	-66.67						
-6.80	490.675	100.00	-6.75	490.634	-4.00	805	+	0.00	8393641.33	321319.66	490.90	490.94	0.03	6.75	491.120	3.19	6.98	491.346	100.00						
-6.83	490.890	100.00	-6.75	490.811	-4.00	806	+	0.00	8393640.29	321299.69	491.08	491.23	0.15	6.75	491.159	1.15	7.10	491.511	100.00						
-6.84	491.051	100.00	-6.75	490.962	-4.00	806	+	11.36	8393639.60	321288.35	491.23	491.42	0.19	6.75	491.232	0.00	6.96	491.445	100.00						
-7.06	490.878	-66.67	-6.75	491.084	-4.00	807	+	0.00	8393639.07	321279.72	491.35	491.55	0.19	6.75	491.294	-0.88	6.78	491.277	-66.67						
-6.76	491.357	-66.67	-6.75	491.364	-4.00	808	+	0.00	8393637.85	321259.76	491.63	491.88	0.25	6.75	491.438	-2.91	6.98	491.665	100.00						
-6.98	491.877	100.00	-6.75	491.645	-4.00	809	+	0.00	8393636.63	321239.80	491.92	492.07	0.16	6.75	491.645	-4.00	7.24	492.136	100.00						
-6.89	491.834	-66.67	-6.75	491.926	-4.00	810	+	0.00	8393635.41	321219.84	492.20	492.13	-0.07	6.75	491.926	-4.00	6.84	492.018	100.00						
-7.34	491.812	-66.67	-6.75	492.205	-4.00	811	+	0.00	8393634.19	321199.87	492.48	491.88	-0.59	6.75	492.205	-4.00	6.92	492.094	-66.67						
-7.82	491.742	-66.67	-6.75	492.452	-4.00	812	+	0.00	8393632.97	321179.91	492.72	491.62	-1.10	6.75	492.452	-4.00	7.54	491.923	-66.67						
-8.89	491.226	-66.67	-6.75	492.654	-4.00	813	+	0.00	8393631.75	321159.95	492.92	491.36	-1.57	6.75	492.654	-4.00	8.20	491.685	-66.67						
-9.64	490.884	-66.67	-6.75	492.811	-4.00	814	+	0.00	8393630.53	321139.99	493.08	491.11	-1.97	6.75	492.811	-4.00	8.75	491.479	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-9.91	490.814	-66.67	-6.75	492.922	-4.00	815	+	0.00	8393629.30	321120.02	493.19	491.02	-2.18	6.75	492.922	-4.00	9.12	491.341	-66.67						
-9.87	490.911	-66.67	-6.75	492.989	-4.00	816	+	0.00	8393628.08	321100.06	493.26	490.99	-2.27	6.75	492.989	-4.00	9.47	491.175	-66.67						
-10.00	490.964	-66.67	-6.75	493.132	-2.19	817	+	0.00	8393626.86	321080.10	493.28	490.99	-2.29	6.75	493.010	-4.00	9.32	491.296	-66.67						
-10.84	490.513	-66.67	-6.75	493.239	-0.25	818	+	0.00	8393625.64	321060.13	493.26	490.88	-2.38	6.75	492.986	-4.00	9.39	491.228	-66.67						
-10.76	490.574	-66.67	-6.75	493.250	0.00	818	+	2.63	8393625.48	321057.51	493.25	490.89	-2.36	6.75	492.980	-4.00	9.36	491.238	-66.67						
-10.77	490.621	-66.67	-6.75	493.301	1.68	819	+	0.00	8393624.45	321040.17	493.19	491.04	-2.14	6.75	492.917	-4.00	9.33	491.201	-66.67						
-10.54	490.803	-66.67	-6.75	493.330	3.61	820	+	0.00	8393623.49	321020.19	493.09	491.10	-1.99	6.75	492.816	-4.00	8.83	491.427	-66.67						
-10.53	490.840	-66.67	-6.75	493.357	5.55	821	+	0.00	8393623.03	321000.20	492.98	491.43	-1.56	6.75	492.608	-5.55	8.22	491.629	-66.67						
-10.43	490.907	-66.67	-6.75	493.361	5.80	821	+	2.63	8393623.02	320997.57	492.97	491.48	-1.49	6.75	492.578	-5.80	8.11	491.671	-66.67						
-9.88	491.186	-66.67	-6.75	493.272	5.80	822	+	0.00	8393623.30	320980.20	492.88	491.62	-1.26	6.75	492.489	-5.80	8.01	491.648	-66.67						
-9.28	491.488	-66.67	-6.75	493.175	5.80	822	+	18.69	8393624.30	320961.54	492.78	491.73	-1.06	6.75	492.392	-5.80	8.10	491.496	-66.67						
-9.28	491.483	-66.67	-6.75	493.169	5.80	823	+	0.00	8393624.37	320960.23	492.78	491.72	-1.05	6.75	492.386	-5.80	8.06	491.514	-66.67						
-9.57	491.188	-66.67	-6.75	493.066	5.80	824	+	0.00	8393626.24	320940.32	492.67	491.59	-1.09	6.75	492.283	-5.80	8.11	491.378	-66.67						
-8.98	491.504	-66.67	-6.75	492.990	5.80	824	+	14.75	8393628.13	320925.70	492.60	491.35	-1.25	6.75	492.207	-5.80	8.05	491.343	-66.67						
-9.07	491.386	-66.67	-6.75	492.929	5.29	825	+	0.00	8393628.91	320920.50	492.57	491.21	-1.36	6.75	492.214	-5.29	8.09	491.320	-66.67						
-9.61	490.790	-66.67	-6.75	492.695	3.36	826	+	0.00	8393632.27	320900.79	492.47	490.94	-1.53	6.75	492.199	-4.00	8.70	490.897	-66.67						
-9.69	490.502	-66.67	-6.75	492.462	1.43	827	+	0.00	8393636.10	320881.16	492.37	490.80	-1.56	6.75	492.096	-4.00	8.76	490.754	-66.67						
-9.52	490.447	-66.67	-6.75	492.290	0.00	827	+	14.75	8393639.06	320866.71	492.29	490.75	-1.54	6.75	492.020	-4.00	8.80	490.651	-66.67						
-9.61	490.325	-66.67	-6.75	492.229	-0.51	828	+	0.00	8393640.11	320861.56	492.26	490.77	-1.49	6.75	491.993	-4.00	8.78	490.641	-66.67						
-9.55	490.127	-66.67	-6.75	491.995	-2.44	829	+	0.00	8393644.15	320841.98	492.16	490.74	-1.42	6.75	491.890	-4.00	8.97	490.410	-66.67						
-9.89	489.706	-66.67	-6.75	491.796	-4.00	830	+	0.00	8393648.18	320822.39	492.07	490.60	-1.47	6.75	491.796	-4.00	9.14	490.206	-66.67						
-9.42	489.982	-66.67	-6.75	491.765	-4.00	831	+	0.00	8393652.22	320802.80	492.04	490.45	-1.59	6.75	491.765	-4.00	9.01	490.260	-66.67						
-8.91	490.367	-66.67	-6.75	491.805	-4.00	832	+	0.00	8393656.25	320783.21	492.08	490.37	-1.70	6.75	491.805	-4.00	9.14	490.214	-66.67						
-8.63	490.661	-66.67	-6.75	491.916	-4.00	833	+	0.00	8393660.29	320763.62	492.19	490.48	-1.71	6.75	491.916	-4.00	9.35	490.185	-66.67						
-8.49	490.937	-66.67	-6.75	492.099	-4.00	834	+	0.00	8393664.32	320744.03	492.37	490.42	-1.95	6.75	492.099	-4.00	9.22	490.454	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.36	491.280	-66.67	-6.75	492.353	-4.00	835	+	0.00	8393668.36	320724.44	492.62	490.88	-1.74	6.75	492.353	-4.00	9.27	490.675	-66.67						
-8.25	491.668	-66.67	-6.75	492.670	-4.00	836	+	0.00	8393672.39	320704.85	492.94	491.42	-1.52	6.75	492.670	-4.00	9.17	491.056	-66.67						
-8.18	492.044	-66.67	-6.75	492.996	-4.00	837	+	0.00	8393676.43	320685.27	493.27	491.92	-1.35	6.75	492.996	-4.00	9.04	491.472	-66.67						
-8.11	492.418	-66.67	-6.75	493.321	-4.00	838	+	0.00	8393680.46	320665.68	493.59	492.25	-1.34	6.75	493.321	-4.00	8.95	491.857	-66.67						
-8.21	492.674	-66.67	-6.75	493.647	-4.00	839	+	0.00	8393684.50	320646.09	493.92	492.76	-1.16	6.75	493.647	-4.00	8.71	492.342	-66.67						
-7.77	493.291	-66.67	-6.75	493.973	-4.00	840	+	0.00	8393688.53	320626.50	494.24	493.42	-0.82	6.75	493.973	-4.00	8.39	492.883	-66.67						
-7.14	494.040	-66.67	-6.75	494.299	-4.00	841	+	0.00	8393692.57	320606.91	494.57	493.80	-0.77	6.75	494.299	-4.00	8.17	493.354	-66.67						
-6.90	494.769	100.00	-6.75	494.624	-4.00	842	+	0.00	8393696.60	320587.32	494.89	494.41	-0.48	6.75	494.624	-4.00	7.86	493.887	-66.67						
-7.12	495.317	100.00	-6.75	494.950	-4.00	843	+	0.00	8393700.64	320567.73	495.22	494.91	-0.31	6.75	494.950	-4.00	7.43	494.499	-66.67						
-7.25	495.771	100.00	-6.75	495.276	-4.00	844	+	0.00	8393704.67	320548.15	495.55	495.52	-0.03	6.75	495.276	-4.00	7.34	495.210	100.00						
-7.41	496.265	100.00	-6.75	495.601	-4.00	845	+	0.00	8393708.71	320528.56	495.87	496.02	0.15	6.75	495.601	-4.00	6.95	495.804	100.00						
-7.49	496.668	100.00	-6.75	495.927	-4.00	846	+	0.00	8393712.74	320508.97	496.20	496.45	0.25	6.75	495.927	-4.00	6.99	496.165	100.00						
-7.33	496.834	100.00	-6.75	496.253	-4.00	847	+	0.00	8393716.78	320489.38	496.52	496.83	0.30	6.75	496.253	-4.00	7.09	496.591	100.00						
-7.26	497.045	100.00	-6.75	496.534	-4.00	848	+	0.00	8393720.81	320469.79	496.80	497.11	0.31	6.75	496.534	-4.00	6.95	496.735	100.00						
-6.76	496.736	100.00	-6.75	496.728	-4.00	849	+	0.00	8393724.85	320450.20	497.00	496.98	-0.02	6.75	496.728	-4.00	6.76	496.735	100.00						
-7.01	497.092	100.00	-6.75	496.833	-4.00	850	+	0.00	8393728.88	320430.61	497.10	497.09	-0.01	6.75	496.833	-4.00	7.00	496.670	-66.67						
-7.01	497.110	100.00	-6.75	496.850	-4.00	851	+	0.00	8393732.92	320411.02	497.12	496.63	-0.49	6.75	496.850	-4.00	6.78	496.876	100.00						
-7.00	497.031	100.00	-6.75	496.779	-4.00	852	+	0.00	8393736.95	320391.44	497.05	496.54	-0.51	6.75	496.779	-4.00	7.12	496.530	-66.67						
-7.08	496.944	100.00	-6.75	496.619	-4.00	853	+	0.00	8393740.99	320371.85	496.89	496.51	-0.38	6.75	496.619	-4.00	7.16	496.345	-66.67						
-7.05	496.712	100.00	-6.75	496.415	-4.00	854	+	0.00	8393745.02	320352.26	496.69	496.60	-0.08	6.75	496.415	-4.00	7.02	496.237	-66.67						
-7.12	496.582	100.00	-6.75	496.212	-4.00	855	+	0.00	8393749.06	320332.67	496.48	496.61	0.13	6.75	496.212	-4.00	6.89	496.116	-66.67						
-6.92	496.179	100.00	-6.75	496.008	-4.00	856	+	0.00	8393753.09	320313.08	496.28	496.32	0.04	6.75	496.008	-4.00	6.92	495.893	-66.67						
-6.90	495.958	100.00	-6.75	495.805	-4.00	857	+	0.00	8393757.13	320293.49	496.08	496.00	-0.08	6.75	495.805	-4.00	6.84	495.748	-66.67						
-6.92	495.774	100.00	-6.75	495.601	-4.00	858	+	0.00	8393761.16	320273.90	495.87	495.77	-0.10	6.75	495.601	-4.00	7.05	495.403	-66.67						
-7.10	495.746	100.00	-6.75	495.397	-4.00	859	+	0.00	8393765.20	320254.31	495.67	495.58	-0.09	6.75	495.397	-4.00	7.02	495.220	-66.67						
-7.04	495.480	100.00	-6.75	495.194	-4.00	860	+	0.00	8393769.23	320234.73	495.46	495.47	0.00	6.75	495.194	-4.00	7.11	494.952	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.10	495.344	100.00	-6.75	494.990	-4.00	861	+	0.00	8393773.27	320215.14	495.26	495.22	-0.04	6.75	494.990	-4.00	7.05	494.787	-66.67						
-7.12	495.152	100.00	-6.75	494.786	-4.00	862	+	0.00	8393777.30	320195.55	495.06	495.05	-0.01	6.75	494.786	-4.00	7.20	494.488	-66.67						
-7.04	494.870	100.00	-6.75	494.583	-4.00	863	+	0.00	8393781.34	320175.96	494.85	494.91	0.05	6.75	494.583	-4.00	6.76	494.574	-66.67						
-7.07	494.695	100.00	-6.75	494.379	-4.00	864	+	0.00	8393785.37	320156.37	494.65	494.76	0.11	6.75	494.379	-4.00	6.89	494.522	100.00						
-7.10	494.522	100.00	-6.75	494.175	-4.00	865	+	0.00	8393789.41	320136.78	494.45	494.54	0.10	6.75	494.175	-4.00	6.92	494.347	100.00						
-7.15	494.371	100.00	-6.75	493.972	-4.00	866	+	0.00	8393793.44	320117.19	494.24	494.39	0.15	6.75	493.972	-4.00	6.86	494.081	100.00						
-7.10	494.114	100.00	-6.75	493.768	-4.00	867	+	0.00	8393797.48	320097.60	494.04	494.18	0.14	6.75	493.768	-4.00	6.86	493.875	100.00						
-7.01	493.854	100.00	-6.75	493.591	-3.61	868	+	0.00	8393801.51	320078.02	493.84	493.92	0.08	6.75	493.565	-4.00	6.79	493.539	-66.67						
-6.86	493.560	100.00	-6.75	493.447	-2.72	869	+	0.00	8393805.55	320058.43	493.63	493.53	-0.10	6.75	493.361	-4.00	6.81	493.319	-66.67						
-6.81	493.261	-66.67	-6.75	493.304	-1.83	870	+	0.00	8393809.58	320038.84	493.43	493.19	-0.24	6.75	493.157	-4.00	6.99	492.995	-66.67						
-7.12	492.911	-66.67	-6.75	493.160	-0.94	871	+	0.00	8393813.62	320019.25	493.22	492.80	-0.42	6.75	492.954	-4.00	7.37	492.544	-66.67						
-7.59	492.459	-66.67	-6.75	493.016	-0.05	872	+	0.00	8393817.65	319999.66	493.02	492.45	-0.57	6.75	492.750	-4.00	7.84	492.021	-66.67						
-7.60	492.440	-66.67	-6.75	493.008	0.00	872	+	1.20	8393817.90	319998.49	493.01	492.43	-0.58	6.75	492.738	-4.00	7.83	492.021	-66.67						
-8.02	492.025	-66.67	-6.75	492.873	0.84	873	+	0.00	8393821.70	319980.07	492.82	492.08	-0.73	6.75	492.546	-4.00	8.09	491.657	-66.67						
-8.49	491.570	-66.67	-6.75	492.729	1.72	874	+	0.00	8393825.86	319960.51	492.61	491.72	-0.89	6.75	492.343	-4.00	8.09	491.447	-66.67						
-8.47	491.436	-66.67	-6.75	492.585	2.61	875	+	0.00	8393830.22	319940.99	492.41	491.35	-1.06	6.75	492.139	-4.00	8.30	491.106	-66.67						
-8.56	491.236	-66.67	-6.75	492.442	3.50	876	+	0.00	8393834.90	319921.55	492.21	491.12	-1.08	6.75	491.935	-4.00	8.41	490.829	-66.67						
-8.87	490.967	-66.67	-6.75	492.378	4.00	876	+	11.20	8393837.70	319910.71	492.11	491.01	-1.10	6.75	491.838	-4.00	8.56	490.630	-66.67						
-9.08	490.771	-66.67	-6.75	492.324	4.00	877	+	0.00	8393840.00	319902.21	492.05	490.92	-1.13	6.75	491.784	-4.00	8.91	490.346	-66.67						
-9.26	490.606	-66.67	-6.75	492.276	4.00	878	+	0.00	8393845.59	319883.01	492.01	490.72	-1.29	6.75	491.736	-4.00	9.13	490.153	-66.67						
-9.69	490.373	-66.67	-6.75	492.333	4.00	879	+	0.00	8393851.65	319863.95	492.06	490.63	-1.43	6.75	491.793	-4.00	9.47	489.982	-66.67						
-9.81	490.400	-66.67	-6.75	492.441	4.00	880	+	0.00	8393858.18	319845.05	492.17	490.54	-1.63	6.75	491.901	-4.00	9.68	489.948	-66.67						
-10.14	490.264	-66.67	-6.75	492.525	4.00	880	+	15.39	8393863.57	319830.63	492.26	490.36	-1.89	6.75	491.985	-4.00	9.74	489.993	-66.67						
-10.23	490.228	-66.67	-6.75	492.550	4.00	881	+	0.00	8393865.19	319826.31	492.28	490.35	-1.93	6.75	492.010	-4.00	9.79	489.983	-66.67						
-10.19	490.366	-66.67	-6.75	492.659	4.00	882	+	0.00	8393872.66	319807.76	492.39	490.28	-2.11	6.75	492.119	-4.00	9.95	489.988	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-10.02	490.584	-66.67	-6.75	492.767	4.00	883	+	0.00	8393880.59	319789.40	492.50	490.36	-2.13	6.75	492.227	-4.00	9.92	490.112	-66.67						
-10.38	490.456	-66.67	-6.75	492.876	4.00	884	+	0.00	8393888.98	319771.25	492.61	490.43	-2.18	6.75	492.336	-4.00	9.84	490.279	-66.67						
-10.03	490.798	-66.67	-6.75	492.982	4.00	884	+	19.58	8393897.63	319753.69	492.71	490.54	-2.17	6.75	492.442	-4.00	9.73	490.456	-66.67						
-10.03	490.797	-66.67	-6.75	492.983	3.98	885	+	0.00	8393897.83	319753.31	492.71	490.55	-2.17	6.75	492.444	-4.00	9.73	490.459	-66.67						
-9.82	490.983	-66.67	-6.75	493.032	3.09	886	+	0.00	8393907.09	319735.59	492.82	490.90	-1.93	6.75	492.553	-4.00	9.54	490.693	-66.67						
-9.23	491.425	-66.67	-6.75	493.080	2.20	887	+	0.00	8393916.71	319718.05	492.93	491.00	-1.93	6.75	492.661	-4.00	9.17	491.051	-66.67						
-9.00	491.625	-66.67	-6.75	493.126	1.31	888	+	0.00	8393926.56	319700.64	493.04	491.31	-1.73	6.75	492.767	-4.00	9.03	491.251	-66.67						
-8.46	492.013	-66.67	-6.75	493.154	0.43	889	+	0.00	8393936.55	319683.32	493.13	491.61	-1.52	6.75	492.855	-4.00	8.70	491.555	-66.67						
-8.09	492.268	-66.67	-6.75	493.160	0.00	889	+	9.58	8393941.36	319675.04	493.16	491.73	-1.43	6.75	492.890	-4.00	8.47	491.745	-66.67						
-8.18	492.206	-66.67	-6.75	493.161	-0.46	890	+	0.00	8393946.59	319666.02	493.19	491.87	-1.32	6.75	492.922	-4.00	8.31	491.882	-66.67						
-7.54	492.620	-66.67	-6.75	493.146	-1.35	891	+	0.00	8393956.63	319648.73	493.24	492.19	-1.05	6.75	492.968	-4.00	7.87	492.223	-66.67						
-7.10	492.881	-66.67	-6.75	493.111	-2.24	892	+	0.00	8393966.68	319631.43	493.26	492.41	-0.85	6.75	492.993	-4.00	7.45	492.523	-66.67						
-6.91	492.948	-66.67	-6.75	493.055	-3.13	893	+	0.00	8393976.72	319614.14	493.27	492.39	-0.88	6.75	492.997	-4.00	7.02	492.817	-66.67						
-6.87	492.897	-66.67	-6.75	492.980	-4.00	894	+	0.00	8393986.77	319596.84	493.25	492.81	-0.44	6.75	492.980	-4.00	6.96	492.842	-66.67						
-6.82	492.910	-66.67	-6.75	492.942	-4.00	895	+	0.00	8393996.81	319579.55	493.21	492.78	-0.44	6.75	492.942	-4.00	7.07	492.730	-66.67						
-6.78	492.913	100.00	-6.75	492.883	-4.00	896	+	0.00	8394006.85	319562.25	493.15	492.89	-0.26	6.75	492.883	-4.00	7.25	492.552	-66.67						
-6.95	492.668	-66.67	-6.75	492.804	-4.00	897	+	0.00	8394016.90	319544.96	493.07	492.63	-0.44	6.75	492.804	-4.00	7.33	492.417	-66.67						
-6.79	492.679	-66.67	-6.75	492.703	-4.00	898	+	0.00	8394026.94	319527.66	492.97	492.47	-0.50	6.75	492.703	-4.00	7.43	492.253	-66.67						
-6.91	492.475	-66.67	-6.75	492.582	-4.00	899	+	0.00	8394036.98	319510.36	492.85	492.36	-0.49	6.75	492.582	-4.00	7.34	492.186	-66.67						
-6.79	492.411	-66.67	-6.75	492.440	-4.00	900	+	0.00	8394047.03	319493.07	492.71	492.22	-0.49	6.75	492.440	-4.00	7.41	492.003	-66.67						
-7.01	492.105	-66.67	-6.75	492.276	-4.00	901	+	0.00	8394057.07	319475.77	492.55	492.06	-0.48	6.75	492.276	-4.00	7.53	491.756	-66.67						
-7.00	491.925	-66.67	-6.75	492.092	-4.00	902	+	0.00	8394067.11	319458.48	492.36	491.83	-0.53	6.75	492.092	-4.00	7.59	491.532	-66.67						
-7.09	491.663	-66.67	-6.75	491.890	-4.00	903	+	0.00	8394077.16	319441.18	492.16	491.41	-0.75	6.75	491.890	-4.00	7.64	491.294	-66.67						
-7.20	491.384	-66.67	-6.75	491.685	-4.00	904	+	0.00	8394087.20	319423.89	491.96	491.23	-0.73	6.75	491.685	-4.00	7.73	491.033	-66.67						
-7.17	491.199	-66.67	-6.75	491.480	-4.00	905	+	0.00	8394097.25	319406.59	491.75	491.09	-0.66	6.75	491.480	-4.00	7.75	490.811	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.16	491.004	-66.67	-6.75	491.275	-4.00	906	+	0.00	8394107.29	319389.30	491.55	490.87	-0.67	6.75	491.275	-4.00	7.74	490.618	-66.67						
-7.36	490.662	-66.67	-6.75	491.070	-4.00	907	+	0.00	8394117.33	319372.00	491.34	490.51	-0.83	6.75	491.070	-4.00	7.91	490.296	-66.67						
-7.60	490.302	-66.67	-6.75	490.865	-4.00	908	+	0.00	8394127.38	319354.71	491.14	490.08	-1.06	6.75	490.865	-4.00	8.04	490.005	-66.67						
-7.88	489.906	-66.67	-6.75	490.660	-4.00	909	+	0.00	8394137.42	319337.41	490.93	489.69	-1.24	6.75	490.660	-4.00	8.21	489.685	-66.67						
-8.40	489.355	-66.67	-6.75	490.455	-4.00	910	+	0.00	8394147.46	319320.12	490.73	489.25	-1.48	6.75	490.455	-4.00	8.32	489.408	-66.67						
-8.49	489.091	-66.67	-6.75	490.250	-4.00	911	+	0.00	8394157.51	319302.82	490.52	488.98	-1.54	6.75	490.250	-4.00	8.49	489.090	-66.67						
-8.71	488.738	-66.67	-6.75	490.045	-4.00	912	+	0.00	8394167.55	319285.53	490.32	488.68	-1.63	6.75	490.045	-4.00	8.66	488.774	-66.67						
-8.82	488.461	-66.67	-6.75	489.840	-4.00	913	+	0.00	8394177.59	319268.23	490.11	488.54	-1.57	6.75	489.840	-4.00	8.50	488.674	-66.67						
-8.58	488.418	-66.67	-6.75	489.635	-4.00	914	+	0.00	8394187.64	319250.94	489.91	488.45	-1.45	6.75	489.635	-4.00	8.26	488.630	-66.67						
-8.37	488.367	-66.67	-6.75	489.449	-4.00	915	+	0.00	8394197.68	319233.64	489.72	488.46	-1.26	6.75	489.449	-4.00	7.97	488.633	-66.67						
-8.10	488.430	-66.67	-6.75	489.327	-4.00	916	+	0.00	8394207.72	319216.35	489.60	488.46	-1.13	6.75	489.327	-4.00	7.86	488.587	-66.67						
-7.83	488.507	-66.67	-6.75	489.225	-4.00	917	+	0.00	8394217.77	319199.05	489.50	488.25	-1.24	6.75	489.225	-4.00	7.73	488.571	-66.67						
-8.30	488.088	-66.67	-6.75	489.122	-4.00	918	+	0.00	8394227.81	319181.75	489.39	488.02	-1.37	6.75	489.122	-4.00	7.88	488.372	-66.67						
-8.39	487.928	-66.67	-6.75	489.020	-4.00	919	+	0.00	8394237.86	319164.46	489.29	487.81	-1.48	6.75	489.020	-4.00	8.05	488.152	-66.67						
-8.54	487.723	-66.67	-6.75	488.917	-4.00	920	+	0.00	8394247.90	319147.16	489.19	487.69	-1.50	6.75	488.917	-4.00	8.10	488.018	-66.67						
-8.54	487.623	-66.67	-6.75	488.815	-4.00	921	+	0.00	8394257.94	319129.87	489.09	487.61	-1.47	6.75	488.815	-4.00	7.93	488.025	-66.67						
-8.32	487.669	-66.67	-6.75	488.713	-4.00	922	+	0.00	8394267.99	319112.57	488.98	487.50	-1.48	6.75	488.713	-4.00	7.90	487.949	-66.67						
-8.26	487.606	-66.67	-6.75	488.610	-4.00	923	+	0.00	8394278.03	319095.28	488.88	487.65	-1.24	6.75	488.610	-4.00	7.69	487.982	-66.67						
-7.84	487.782	-66.67	-6.75	488.507	-4.00	924	+	0.00	8394288.07	319077.98	488.78	487.75	-1.02	6.75	488.507	-4.00	7.36	488.102	-66.67						
-7.72	487.757	-66.67	-6.75	488.405	-4.00	925	+	0.00	8394298.12	319060.69	488.68	487.73	-0.95	6.75	488.405	-4.00	7.20	488.108	-66.67						
-7.78	487.619	-66.67	-6.75	488.302	-4.00	926	+	0.00	8394308.16	319043.39	488.57	487.68	-0.89	6.75	488.302	-4.00	7.31	487.928	-66.67						
-7.65	487.602	-66.67	-6.75	488.200	-4.00	927	+	0.00	8394318.20	319026.10	488.47	487.52	-0.95	6.75	488.200	-4.00	7.43	487.747	-66.67						
-8.42	486.985	-66.67	-6.75	488.097	-4.00	928	+	0.00	8394328.25	319008.80	488.37	487.20	-1.17	6.75	488.097	-4.00	7.81	487.394	-66.67						
-8.36	486.921	-66.67	-6.75	487.995	-4.00	929	+	0.00	8394338.29	318991.51	488.27	486.83	-1.44	6.75	487.995	-4.00	8.08	487.110	-66.67						
-8.65	486.628	-66.67	-6.75	487.893	-4.00	930	+	0.00	8394348.33	318974.21	488.16	486.54	-1.63	6.75	487.893	-4.00	8.51	486.718	-66.67						
-9.11	486.215	-66.67	-6.75	487.790	-4.00	931	+	0.00	8394358.38	318956.92	488.06	486.31	-1.75	6.75	487.790	-4.00	8.89	486.361	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-9.45	485.890	-66.67	-6.75	487.688	-4.00	932	+	0.00	8394368.42	318939.62	487.96	486.00	-1.96	6.75	487.688	-4.00	9.38	485.934	-66.67						
-9.51	485.746	-66.67	-6.75	487.585	-4.00	933	+	0.00	8394378.47	318922.33	487.86	485.89	-1.97	6.75	487.585	-4.00	9.93	485.463	-66.67						
-9.59	485.588	-66.67	-6.75	487.482	-4.00	934	+	0.00	8394388.51	318905.03	487.75	485.73	-2.02	6.75	487.482	-4.00	9.92	485.366	-66.67						
-9.30	485.679	-66.67	-6.75	487.380	-4.00	935	+	0.00	8394398.55	318887.74	487.65	485.78	-1.87	6.75	487.380	-4.00	9.49	485.553	-66.67						
-8.94	485.816	-66.67	-6.75	487.278	-4.00	936	+	0.00	8394408.60	318870.44	487.55	485.92	-1.63	6.75	487.278	-4.00	9.45	485.479	-66.67						
-8.58	485.953	-66.67	-6.75	487.175	-4.00	937	+	0.00	8394418.64	318853.14	487.45	486.08	-1.37	6.75	487.175	-4.00	8.96	485.699	-66.67						
-8.20	486.104	-66.67	-6.75	487.073	-4.00	938	+	0.00	8394428.68	318835.85	487.34	486.24	-1.10	6.75	487.073	-4.00	8.34	486.010	-66.67						
-7.90	486.203	-66.67	-6.75	486.970	-4.00	939	+	0.00	8394438.73	318818.55	487.24	486.30	-0.94	6.75	486.970	-4.00	8.04	486.109	-66.67						
-8.17	485.919	-66.67	-6.75	486.868	-4.00	940	+	0.00	8394448.77	318801.26	487.14	486.16	-0.98	6.75	486.868	-4.00	7.89	486.109	-66.67						
-7.97	485.954	-66.67	-6.75	486.765	-4.00	941	+	0.00	8394458.81	318783.96	487.04	486.20	-0.84	6.75	486.835	-2.97	7.89	486.075	-66.67						
-8.06	485.790	-66.67	-6.75	486.663	-4.00	942	+	0.00	8394468.86	318766.67	486.93	486.30	-0.63	6.75	486.918	-0.22	8.05	486.054	-66.67						
-7.87	485.905	-66.67	-6.75	486.654	-4.00	942	+	1.59	8394469.66	318765.29	486.92	486.31	-0.62	6.75	486.924	0.00	8.12	486.010	-66.67						
-7.88	485.806	-66.67	-6.75	486.560	-4.00	943	+	0.00	8394478.85	318749.35	486.83	486.31	-0.52	6.75	487.001	2.53	8.15	486.066	-66.67						
-7.37	485.958	-66.67	-6.75	486.371	-5.28	944	+	0.00	8394488.52	318731.84	486.73	486.44	-0.28	6.75	487.084	5.28	8.33	486.033	-66.67						
-7.37	485.819	-66.67	-6.75	486.233	-6.60	944	+	9.59	8394492.92	318723.31	486.68	486.41	-0.27	6.75	487.124	6.60	8.38	486.041	-66.67						
-7.39	485.750	-66.67	-6.75	486.180	-6.60	945	+	0.00	8394497.48	318713.96	486.63	486.38	-0.25	6.75	487.071	6.60	8.36	485.998	-66.67						
-7.30	485.769	-66.67	-6.75	486.134	-6.60	945	+	8.84	8394501.05	318705.87	486.58	486.36	-0.22	6.75	487.025	6.60	8.09	486.134	-66.67						
-6.99	485.915	-66.67	-6.75	486.077	-6.60	946	+	0.00	8394505.54	318695.66	486.52	486.39	-0.13	6.75	486.968	6.60	8.03	486.118	-66.67						
-6.80	486.001	-66.67	-6.75	486.036	-6.60	946	+	8.09	8394508.55	318688.15	486.48	486.41	-0.07	6.75	486.927	6.60	8.28	485.904	-66.67						
-6.76	486.096	100.00	-6.75	486.085	-4.96	947	+	0.00	8394512.70	318676.98	486.42	486.40	-0.02	6.75	486.755	4.96	7.81	486.050	-66.67						
-6.76	485.993	100.00	-6.75	485.983	-4.96	948	+	0.00	8394519.15	318658.05	486.32	486.43	0.11	6.75	486.652	4.96	7.81	485.948	-66.67						
-7.21	485.657	-66.67	-6.75	485.965	-4.00	948	+	16.09	8394524.09	318642.74	486.24	486.49	0.26	6.75	486.235	0.00	6.78	486.266	100.00						
-7.00	485.782	-66.67	-6.75	485.945	-4.00	949	+	0.00	8394525.28	318639.02	486.22	486.49	0.28	6.75	486.179	-0.54	6.82	486.249	100.00						
-6.76	485.836	-66.67	-6.75	485.843	-4.00	950	+	0.00	8394531.38	318619.97	486.11	486.46	0.35	6.75	485.891	-3.29	6.97	486.107	100.00						
-6.88	485.869	100.00	-6.75	485.740	-4.00	951	+	0.00	8394537.48	318600.92	486.01	486.29	0.28	6.75	485.740	-4.00	6.92	485.910	100.00						
-6.82	485.711	100.00	-6.75	485.638	-4.00	952	+	0.00	8394543.58	318581.88	485.91	486.19	0.28	6.75	485.638	-4.00	6.93	485.813	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.91	485.691	100.00	-6.75	485.535	-4.00	953	+	0.00	8394549.68	318562.83	485.81	486.05	0.25	6.75	485.535	-4.00	6.92	485.706	100.00						
-7.09	485.773	100.00	-6.75	485.435	-4.00	954	+	0.00	8394555.78	318543.78	485.71	486.00	0.29	6.75	485.435	-4.00	7.19	485.872	100.00						
-7.01	485.650	100.00	-6.75	485.395	-4.00	955	+	0.00	8394561.88	318524.73	485.67	485.93	0.27	6.75	485.395	-4.00	7.21	485.852	100.00						
-6.89	485.580	100.00	-6.75	485.439	-4.00	956	+	0.00	8394567.98	318505.69	485.71	485.82	0.11	6.75	485.439	-4.00	7.16	485.845	100.00						
-6.84	485.638	100.00	-6.75	485.543	-4.00	957	+	0.00	8394574.07	318486.64	485.81	485.88	0.07	6.75	485.543	-4.00	7.17	485.967	100.00						
-6.80	485.697	100.00	-6.75	485.650	-4.00	958	+	0.00	8394580.17	318467.59	485.92	485.88	-0.05	6.75	485.650	-4.00	6.95	485.852	100.00						
-6.87	485.680	-66.67	-6.75	485.757	-4.00	959	+	0.00	8394586.27	318448.54	486.03	485.83	-0.19	6.75	485.757	-4.00	6.93	485.934	100.00						
-7.13	485.611	-66.67	-6.75	485.863	-4.00	960	+	0.00	8394592.37	318429.50	486.13	485.96	-0.18	6.75	485.863	-4.00	6.82	485.928	100.00						
-7.20	485.672	-66.67	-6.75	485.970	-4.00	961	+	0.00	8394598.47	318410.45	486.24	485.89	-0.36	6.75	485.970	-4.00	6.77	485.988	100.00						
-7.16	485.804	-66.67	-6.75	486.077	-4.00	962	+	0.00	8394604.57	318391.40	486.35	485.95	-0.40	6.75	486.077	-4.00	6.80	486.044	-66.67						
-7.36	485.777	-66.67	-6.75	486.183	-4.00	963	+	0.00	8394610.67	318372.35	486.45	485.85	-0.60	6.75	486.183	-4.00	6.93	486.066	-66.67						
-7.54	485.764	-66.67	-6.75	486.290	-4.00	964	+	0.00	8394616.77	318353.31	486.56	485.76	-0.81	6.75	486.290	-4.00	6.89	486.196	-66.67						
-7.79	485.704	-66.67	-6.75	486.397	-4.00	965	+	0.00	8394622.86	318334.26	486.67	485.56	-1.11	6.75	486.397	-4.00	7.18	486.108	-66.67						
-7.91	485.729	-66.67	-6.75	486.503	-4.00	966	+	0.00	8394628.96	318315.21	486.77	485.58	-1.19	6.75	486.503	-4.00	7.34	486.113	-66.67						
-7.86	485.871	-66.67	-6.75	486.610	-4.00	967	+	0.00	8394635.06	318296.16	486.88	485.57	-1.31	6.75	486.610	-4.00	7.51	486.102	-66.67						
-8.47	485.565	-66.67	-6.75	486.710	-4.00	968	+	0.00	8394641.16	318277.12	486.98	485.49	-1.49	6.75	486.710	-4.00	7.73	486.056	-66.67						
-8.67	485.483	-66.67	-6.75	486.763	-4.00	969	+	0.00	8394647.26	318258.07	487.03	485.56	-1.48	6.75	486.763	-4.00	7.89	486.001	-66.67						
-8.66	485.489	-66.67	-6.75	486.763	-4.00	970	+	0.00	8394653.36	318239.02	487.03	485.68	-1.36	6.75	486.763	-4.00	7.86	486.022	-66.67						
-8.21	485.738	-66.67	-6.75	486.710	-4.00	971	+	0.00	8394659.46	318219.97	486.98	485.75	-1.23	6.75	486.710	-4.00	7.77	486.033	-66.67						
-8.09	485.712	-66.67	-6.75	486.603	-4.00	972	+	0.00	8394665.56	318200.93	486.87	485.87	-1.01	6.75	486.603	-4.00	7.55	486.068	-66.67						
-8.00	485.617	-66.67	-6.75	486.450	-4.00	973	+	0.00	8394671.66	318181.88	486.72	485.92	-0.80	6.75	486.450	-4.00	7.33	486.065	-66.67						
-7.38	485.869	-66.67	-6.75	486.290	-4.00	974	+	0.00	8394677.75	318162.83	486.56	486.05	-0.51	6.75	486.386	-2.58	7.27	486.038	-66.67						
-7.37	485.730	-66.67	-6.75	486.140	-4.00	974	+	18.75	8394683.47	318144.97	486.41	486.10	-0.31	6.75	486.410	0.00	7.60	485.844	-66.67						
-7.35	485.732	-66.67	-6.75	486.130	-4.00	975	+	0.00	8394683.85	318143.78	486.40	486.10	-0.30	6.75	486.412	0.17	7.61	485.837	-66.67						
-7.18	485.685	-66.67	-6.75	485.970	-4.00	976	+	0.00	8394689.87	318124.71	486.24	486.09	-0.15	6.75	486.437	2.92	7.95	485.639	-66.67						
-7.09	485.472	-66.67	-6.75	485.697	-5.67	977	+	0.00	8394695.47	318105.51	486.08	485.80	-0.28	6.75	486.463	5.67	8.37	485.386	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.85	485.515	-66.67	-6.75	485.580	-6.60	977	+	6.75	8394697.19	318098.98	486.03	485.75	-0.27	6.75	486.471	6.60	8.39	485.377	-66.67						
-6.80	485.439	-66.67	-6.75	485.475	-6.60	978	+	0.00	8394700.25	318086.09	485.92	485.62	-0.31	6.75	486.365	6.60	8.53	485.182	-66.67						
-6.80	485.400	-66.67	-6.75	485.434	-6.60	978	+	5.03	8394701.21	318081.16	485.88	485.63	-0.25	6.75	486.325	6.60	8.52	485.148	-66.67						
-6.80	485.361	100.00	-6.75	485.315	-6.60	979	+	0.00	8394704.06	318066.46	485.76	485.51	-0.25	6.75	486.206	6.60	8.54	485.015	-66.67						
-6.85	485.388	100.00	-6.75	485.288	-6.60	979	+	3.31	8394704.60	318063.20	485.73	485.50	-0.23	6.75	486.179	6.60	8.47	485.032	-66.67						
-6.85	485.406	100.00	-6.75	485.309	-4.30	980	+	0.00	8394706.93	318046.67	485.60	485.59	-0.02	6.75	485.891	4.30	8.04	485.032	-66.67						
-6.78	485.195	100.00	-6.75	485.170	-4.00	981	+	0.00	8394709.15	318026.80	485.44	485.54	0.10	6.75	485.545	1.55	7.33	485.157	-66.67						
-6.89	484.988	-66.67	-6.75	485.080	-4.00	981	+	11.31	8394710.27	318015.55	485.35	485.49	0.14	6.75	485.350	0.00	7.15	485.084	-66.67						
-6.89	484.917	-66.67	-6.75	485.010	-4.00	982	+	0.00	8394711.13	318006.89	485.28	485.45	0.17	6.75	485.199	-1.20	6.80	485.168	-66.67						
-6.84	484.935	100.00	-6.75	484.850	-4.00	983	+	0.00	8394713.09	317986.99	485.12	485.23	0.11	6.75	484.854	-3.95	6.78	484.883	100.00						
-6.78	484.744	100.00	-6.75	484.714	-4.00	984	+	0.00	8394715.06	317967.09	484.98	484.89	-0.09	6.75	484.714	-4.00	7.39	484.286	-66.67						
-7.49	484.167	-66.67	-6.75	484.660	-4.00	985	+	0.00	8394717.03	317947.18	484.93	484.65	-0.28	6.75	484.660	-4.00	8.01	483.822	-66.67						
-7.74	484.029	-66.67	-6.75	484.690	-4.00	986	+	0.00	8394718.99	317927.28	484.96	484.48	-0.48	6.75	484.690	-4.00	8.09	483.798	-66.67						
-8.22	483.825	-66.67	-6.75	484.802	-4.00	987	+	0.00	8394720.96	317907.38	485.07	484.45	-0.62	6.75	484.802	-4.00	8.75	483.467	-66.67						
-8.92	483.489	-66.67	-6.75	484.938	-4.00	988	+	0.00	8394722.93	317887.47	485.21	484.38	-0.83	6.75	484.938	-4.00	8.60	483.704	-66.67						
-8.74	483.750	-66.67	-6.75	485.074	-4.00	989	+	0.00	8394724.89	317867.57	485.34	484.36	-0.99	6.75	485.074	-4.00	8.73	483.757	-66.67						
-8.79	483.849	-66.67	-6.75	485.210	-4.00	990	+	0.00	8394726.86	317847.67	485.48	484.42	-1.06	6.75	485.210	-4.00	9.23	483.560	-66.67						
-9.37	483.603	-66.67	-6.75	485.346	-4.00	991	+	0.00	8394728.83	317827.77	485.62	484.52	-1.10	6.75	485.346	-4.00	9.00	483.844	-66.67						
-8.81	484.108	-66.67	-6.75	485.482	-4.00	992	+	0.00	8394730.80	317807.86	485.75	484.60	-1.15	6.75	485.482	-4.00	9.28	483.797	-66.67						
-9.07	484.070	-66.67	-6.75	485.615	-4.00	993	+	0.00	8394732.76	317787.96	485.89	484.52	-1.37	6.75	485.615	-4.00	9.60	483.713	-66.67						
-9.73	483.743	-66.67	-6.75	485.727	-4.00	994	+	0.00	8394734.73	317768.06	486.00	484.26	-1.74	6.75	485.727	-4.00	10.07	483.517	-66.67						
-9.79	483.790	-66.67	-6.75	485.816	-4.00	995	+	0.00	8394736.70	317748.15	486.09	484.19	-1.89	6.75	485.816	-4.00	10.50	483.319	-66.67						
-10.30	483.511	-66.67	-6.75	485.881	-4.00	996	+	0.00	8394738.66	317728.25	486.15	484.03	-2.13	6.75	485.881	-4.00	10.48	483.392	-66.67						
-10.04	483.727	-66.67	-6.75	485.921	-4.00	997	+	0.00	8394740.63	317708.35	486.19	483.96	-2.23	6.75	485.921	-4.00	10.75	483.255	-66.67						
-10.55	483.406	-66.67	-6.75	485.939	-4.00	998	+	0.00	8394742.60	317688.44	486.21	484.03	-2.18	6.75	485.939	-4.00	10.39	483.510	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-10.61	483.361	-66.67	-6.75	485.932	-4.00	999	+	0.00	8394744.56	317668.54	486.20	484.10	-2.10	6.75	485.932	-4.00	10.53	483.410	-66.67						
-9.69	483.942	-66.67	-6.75	485.902	-4.00	1000	+	0.00	8394746.53	317648.64	486.17	484.24	-1.93	6.75	485.902	-4.00	10.49	483.411	-66.67						
-9.95	483.712	-66.67	-6.75	485.848	-4.00	1001	+	0.00	8394748.50	317628.74	486.12	484.41	-1.70	6.75	485.848	-4.00	10.13	483.594	-66.67						
-9.18	484.147	-66.67	-6.75	485.770	-4.00	1002	+	0.00	8394750.46	317608.83	486.04	484.50	-1.54	6.75	485.770	-4.00	9.81	483.728	-66.67						
-9.08	484.119	-66.67	-6.75	485.672	-4.00	1003	+	0.00	8394752.43	317588.93	485.94	484.71	-1.24	6.75	485.672	-4.00	9.34	483.943	-66.67						
-8.24	484.578	-66.67	-6.75	485.570	-4.00	1004	+	0.00	8394754.40	317569.03	485.84	484.96	-0.88	6.75	485.570	-4.00	8.60	484.336	-66.67						
-7.87	484.725	-66.67	-6.75	485.468	-4.00	1005	+	0.00	8394756.36	317549.12	485.74	485.15	-0.58	6.75	485.468	-4.00	8.22	484.487	-66.67						
-7.27	485.020	-66.67	-6.75	485.367	-4.00	1006	+	0.00	8394758.33	317529.22	485.64	485.36	-0.28	6.75	485.367	-4.00	7.67	484.754	-66.67						
-6.95	485.130	-66.67	-6.75	485.265	-4.00	1007	+	0.00	8394760.30	317509.32	485.54	485.61	0.07	6.75	485.265	-4.00	7.30	484.896	-66.67						
-6.89	485.306	100.00	-6.75	485.164	-4.00	1008	+	0.00	8394762.26	317489.41	485.43	485.59	0.16	6.75	485.164	-4.00	7.15	484.895	-66.67						
-6.96	485.269	100.00	-6.75	485.062	-4.00	1009	+	0.00	8394764.23	317469.51	485.33	485.57	0.24	6.75	485.062	-4.00	6.99	484.905	-66.67						
-6.81	484.918	-66.67	-6.75	484.961	-4.00	1010	+	0.00	8394766.20	317449.61	485.23	485.66	0.42	6.75	485.136	-1.41	7.00	484.955	-66.67						
-7.03	485.193	100.00	-6.75	484.909	-4.00	1010	+	10.26	8394767.21	317439.39	485.18	485.71	0.53	6.75	485.179	0.00	7.02	485.002	-66.67						
-7.22	485.332	100.00	-6.75	484.859	-4.00	1011	+	0.00	8394768.15	317429.70	485.13	485.69	0.56	6.75	485.220	1.34	6.99	485.060	-66.67						
-7.39	485.395	100.00	-6.75	484.752	-4.09	1012	+	0.00	8394769.90	317409.78	485.03	485.86	0.83	6.75	485.304	4.09	6.78	485.337	100.00						
-7.55	485.288	100.00	-6.75	484.489	-6.60	1012	+	18.26	8394770.97	317391.55	484.94	485.92	0.99	6.75	485.380	6.60	6.79	485.421	100.00						
-7.60	485.333	100.00	-6.75	484.481	-6.60	1013	+	0.00	8394771.03	317389.81	484.93	485.92	0.99	6.75	485.372	6.60	6.80	485.416	100.00						
-7.48	485.162	100.00	-6.75	484.433	-6.60	1013	+	9.30	8394771.12	317380.51	484.88	485.85	0.97	6.75	485.324	6.60	6.92	485.489	100.00						
-7.67	485.301	100.00	-6.75	484.379	-6.60	1014	+	0.00	8394771.21	317369.82	484.83	485.81	0.98	6.75	485.270	6.60	6.85	485.371	100.00						
-7.71	485.340	100.00	-6.75	484.377	-6.60	1014	+	0.34	8394771.21	317369.47	484.82	485.81	0.99	6.75	485.268	6.60	6.84	485.362	100.00						
-7.42	485.123	100.00	-6.75	484.453	-4.00	1015	+	0.00	8394770.46	317349.83	484.72	485.59	0.87	6.75	484.986	3.90	6.95	485.184	100.00						
-7.44	485.040	100.00	-6.75	484.352	-4.00	1016	+	0.00	8394769.12	317329.88	484.62	485.37	0.75	6.75	484.699	1.15	6.95	484.900	100.00						
-7.30	484.859	100.00	-6.75	484.309	-4.00	1016	+	8.34	8394768.49	317321.56	484.58	485.30	0.72	6.75	484.579	0.00	7.08	484.912	100.00						
-7.20	484.704	100.00	-6.75	484.250	-4.00	1017	+	0.00	8394767.60	317309.94	484.52	485.21	0.69	6.75	484.412	-1.60	7.10	484.764	100.00						
-7.04	484.435	100.00	-6.75	484.148	-4.00	1018	+	0.00	8394766.06	317289.99	484.42	485.04	0.62	6.75	484.148	-4.00	7.24	484.642	100.00						
-7.03	484.330	100.00	-6.75	484.047	-4.00	1019	+	0.00	8394764.53	317270.05	484.32	484.94	0.62	6.75	484.047	-4.00	7.25	484.551	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.02	484.219	100.00	-6.75	483.945	-4.00	1020	+	0.00	8394763.00	317250.11	484.22	484.77	0.56	6.75	483.945	-4.00	7.15	484.350	100.00						
-7.02	484.110	100.00	-6.75	483.844	-4.00	1021	+	0.00	8394761.47	317230.17	484.11	484.63	0.52	6.75	483.844	-4.00	7.00	484.092	100.00						
-6.98	483.970	100.00	-6.75	483.742	-4.00	1022	+	0.00	8394759.93	317210.23	484.01	484.58	0.57	6.75	483.742	-4.00	7.14	484.133	100.00						
-7.31	484.203	100.00	-6.75	483.641	-4.00	1023	+	0.00	8394758.40	317190.29	483.91	484.49	0.57	6.75	483.641	-4.00	7.31	484.201	100.00						
-7.52	484.312	100.00	-6.75	483.539	-4.00	1024	+	0.00	8394756.87	317170.35	483.81	484.21	0.40	6.75	483.539	-4.00	7.35	484.142	100.00						
-7.13	483.814	100.00	-6.75	483.438	-4.00	1025	+	0.00	8394755.34	317150.41	483.71	483.96	0.25	6.75	483.438	-4.00	7.06	483.748	100.00						
-7.09	483.675	100.00	-6.75	483.336	-4.00	1026	+	0.00	8394753.80	317130.47	483.61	483.74	0.13	6.75	483.336	-4.00	6.96	483.549	100.00						
-7.23	483.714	100.00	-6.75	483.235	-4.00	1027	+	0.00	8394752.27	317110.52	483.51	483.55	0.05	6.75	483.235	-4.00	6.79	483.271	100.00						
-7.12	483.504	100.00	-6.75	483.133	-4.00	1028	+	0.00	8394750.74	317090.58	483.40	483.32	-0.09	6.75	483.133	-4.00	7.01	482.959	-66.67						
-6.88	483.173	100.00	-6.75	483.042	-4.00	1029	+	0.00	8394749.21	317070.64	483.31	483.13	-0.19	6.75	483.042	-4.00	7.41	482.599	-66.67						
-6.79	483.058	100.00	-6.75	483.022	-4.00	1030	+	0.00	8394747.67	317050.70	483.29	483.03	-0.26	6.75	483.022	-4.00	7.79	482.327	-66.67						
-6.85	483.019	-66.67	-6.75	483.084	-4.00	1031	+	0.00	8394746.14	317030.76	483.35	483.00	-0.36	6.75	483.084	-4.00	8.12	482.171	-66.67						
-6.90	483.116	-66.67	-6.75	483.218	-4.00	1032	+	0.00	8394744.61	317010.82	483.49	482.98	-0.51	6.75	483.218	-4.00	8.35	482.149	-66.67						
-7.20	483.064	-66.67	-6.75	483.362	-4.00	1033	+	0.00	8394743.08	316990.88	483.63	482.84	-0.80	6.75	483.362	-4.00	8.96	481.890	-66.67						
-7.12	483.257	-66.67	-6.75	483.506	-4.00	1034	+	0.00	8394741.54	316970.94	483.78	482.87	-0.91	6.75	483.506	-4.00	9.14	481.912	-66.67						
-7.18	483.362	-66.67	-6.75	483.650	-4.00	1035	+	0.00	8394740.01	316950.99	483.92	483.09	-0.83	6.75	483.650	-4.00	9.17	482.038	-66.67						
-6.88	483.684	-66.67	-6.75	483.772	-4.00	1035	+	16.99	8394738.71	316934.05	484.04	483.39	-0.65	6.75	483.772	-4.00	8.58	482.555	-66.67						
-6.85	483.729	-66.67	-6.75	483.794	-4.00	1036	+	0.00	8394738.48	316931.05	484.06	483.45	-0.61	6.75	483.794	-4.00	8.52	482.615	-66.67						
-7.02	484.209	100.00	-6.75	483.938	-4.00	1037	+	0.00	8394736.87	316911.12	484.21	483.83	-0.37	6.75	483.938	-4.00	7.81	483.229	-66.67						
-6.97	484.300	100.00	-6.75	484.082	-4.00	1038	+	0.00	8394735.13	316891.19	484.35	484.13	-0.22	6.75	484.082	-4.00	7.54	483.553	-66.67						
-7.10	484.578	100.00	-6.75	484.226	-4.00	1039	+	0.00	8394733.27	316871.28	484.50	484.36	-0.14	6.75	484.226	-4.00	7.08	484.007	-66.67						
-6.83	484.447	100.00	-6.75	484.370	-4.00	1040	+	0.00	8394731.29	316851.38	484.64	484.57	-0.07	6.75	484.370	-4.00	6.77	484.385	100.00						
-6.94	484.617	100.00	-6.75	484.430	-4.00	1041	+	0.00	8394729.19	316831.49	484.70	484.82	0.12	6.75	484.430	-4.00	6.92	484.602	100.00						
-7.08	484.646	100.00	-6.75	484.320	-4.00	1042	+	0.00	8394726.97	316811.61	484.59	484.96	0.37	6.75	484.320	-4.00	7.01	484.581	100.00						
-7.09	484.444	100.00	-6.75	484.107	-4.00	1042	+	16.29	8394725.05	316795.44	484.38	484.80	0.42	6.75	484.107	-4.00	7.20	484.552	100.00						
-7.23	484.524	100.00	-6.75	484.042	-4.00	1043	+	0.00	8394724.62	316791.75	484.31	484.73	0.42	6.75	484.042	-4.00	7.26	484.547	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.84	484.686	100.00	-6.75	483.596	-4.00	1044	+	0.00	8394722.15	316771.90	483.87	484.51	0.64	6.75	483.596	-4.00	7.51	484.360	100.00						
-8.11	484.343	100.00	-6.75	482.980	-4.00	1045	+	0.00	8394719.56	316752.07	483.25	483.99	0.74	6.75	482.980	-4.00	7.66	483.885	100.00						
-8.52	484.050	100.00	-6.75	482.280	-4.00	1046	+	0.00	8394716.84	316732.26	482.55	483.22	0.67	6.75	482.280	-4.00	7.47	482.995	100.00						
-8.91	483.738	100.00	-6.75	481.580	-4.00	1047	+	0.00	8394714.01	316712.46	481.85	482.47	0.62	6.75	481.580	-4.00	7.42	482.250	100.00						
-8.97	483.098	100.00	-6.75	480.880	-4.00	1048	+	0.00	8394711.05	316692.68	481.15	481.77	0.62	6.75	480.880	-4.00	7.28	481.413	100.00						
-8.82	482.254	100.00	-6.75	480.183	-4.00	1049	+	0.00	8394707.97	316672.92	480.45	480.86	0.41	6.75	480.183	-4.00	6.97	480.402	100.00						
-8.04	480.985	100.00	-6.75	479.691	-4.00	1049	+	15.58	8394705.49	316657.54	479.96	480.25	0.29	6.75	479.691	-4.00	6.86	479.618	-66.67						
-7.54	480.352	100.00	-6.75	479.563	-4.00	1050	+	0.00	8394704.78	316653.18	479.83	480.01	0.18	6.75	479.563	-4.00	6.77	479.553	-66.67						
-6.94	479.241	100.00	-6.75	479.050	-4.00	1051	+	0.00	8394701.54	316633.44	479.32	479.26	-0.06	6.75	479.050	-4.00	7.51	478.541	-66.67						
-7.14	478.384	-66.67	-6.75	478.643	-4.00	1052	+	0.00	8394698.31	316613.70	478.91	478.61	-0.31	6.75	478.643	-4.00	7.74	477.983	-66.67						
-7.22	478.028	-66.67	-6.75	478.342	-4.00	1053	+	0.00	8394695.07	316593.97	478.61	478.07	-0.54	6.75	478.342	-4.00	8.39	477.252	-66.67						
-7.40	477.717	-66.67	-6.75	478.148	-4.00	1054	+	0.00	8394691.84	316574.23	478.42	477.55	-0.87	6.75	478.148	-4.00	8.31	477.107	-66.67						
-7.58	477.505	-66.67	-6.75	478.061	-4.00	1055	+	0.00	8394688.61	316554.49	478.33	477.24	-1.10	6.75	478.061	-4.00	9.63	476.138	-66.67						
-8.02	477.234	-66.67	-6.75	478.080	-4.00	1056	+	0.00	8394685.37	316534.76	478.35	476.99	-1.36	6.75	478.080	-4.00	9.53	476.229	-66.67						
-8.50	477.010	-66.67	-6.75	478.176	-4.00	1057	+	0.00	8394682.14	316515.02	478.45	476.76	-1.69	6.75	478.176	-4.00	10.31	475.805	-66.67						
-8.57	477.065	-66.67	-6.75	478.275	-4.00	1058	+	0.00	8394678.90	316495.28	478.55	476.45	-2.10	6.75	478.275	-4.00	10.48	475.789	-66.67						
-8.64	477.116	-66.67	-6.75	478.374	-4.00	1059	+	0.00	8394675.67	316475.54	478.64	476.36	-2.29	6.75	478.374	-4.00	11.13	475.452	-66.67						
-8.70	477.175	-66.67	-6.75	478.473	-4.00	1060	+	0.00	8394672.44	316455.81	478.74	476.66	-2.08	6.75	478.473	-4.00	10.99	475.649	-66.67						
-8.53	477.386	-66.67	-6.75	478.572	-4.00	1061	+	0.00	8394669.20	316436.07	478.84	476.71	-2.13	6.75	478.572	-4.00	10.81	475.868	-66.67						
-8.29	477.646	-66.67	-6.75	478.671	-4.00	1062	+	0.00	8394665.97	316416.33	478.94	477.19	-1.75	6.75	478.671	-4.00	10.20	476.370	-66.67						
-7.95	477.968	-66.67	-6.75	478.770	-4.00	1063	+	0.00	8394662.73	316396.60	479.04	477.54	-1.50	6.75	478.770	-4.00	10.16	476.497	-66.67						
-7.90	478.102	-66.67	-6.75	478.869	-4.00	1064	+	0.00	8394659.50	316376.86	479.14	477.71	-1.43	6.75	478.869	-4.00	9.90	476.771	-66.67						
-8.34	477.906	-66.67	-6.75	478.968	-4.00	1065	+	0.00	8394656.27	316357.12	479.24	477.76	-1.48	6.75	478.968	-4.00	10.09	476.744	-66.67						
-8.64	477.823	-66.67	-6.75	479.085	-3.73	1066	+	0.00	8394653.03	316337.39	479.34	477.90	-1.43	6.75	479.067	-4.00	9.73	477.081	-66.67						
-8.18	478.385	-66.67	-6.75	479.338	-1.46	1067	+	0.00	8394649.80	316317.65	479.44	478.22	-1.21	6.75	479.166	-4.00	9.10	477.598	-66.67						
-8.20	478.530	-66.67	-6.75	479.500	0.00	1067	+	12.81	8394647.73	316305.01	479.50	478.51	-0.99	6.75	479.230	-4.00	8.37	478.152	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.20	478.566	-66.67	-6.75	479.535	0.00	1068	+	0.00	8394646.57	316297.91	479.54	478.64	-0.89	6.75	479.265	-4.00	8.37	478.187	-66.67						
-8.20	478.665	-66.67	-6.75	479.634	0.00	1069	+	0.00	8394643.47	316278.15	479.63	479.02	-0.61	6.75	479.364	-4.00	8.37	478.287	-66.67						
-8.20	478.764	-66.67	-6.75	479.733	0.00	1070	+	0.00	8394640.84	316258.33	479.73	479.53	-0.21	6.75	479.463	-4.00	8.37	478.386	-66.67						
-6.91	480.129	-66.67	-6.75	480.232	6.60	1070	+	10.81	8394639.74	316247.58	479.79	479.73	-0.05	6.75	479.341	-6.60	7.13	479.089	-66.67						
-6.91	480.175	-66.67	-6.75	480.278	6.60	1071	+	0.00	8394639.02	316238.41	479.83	479.84	0.01	6.75	479.387	-6.60	7.13	479.135	-66.67						
-6.91	480.274	-66.67	-6.75	480.377	6.60	1072	+	0.00	8394638.18	316218.43	479.93	479.90	-0.04	6.75	479.486	-6.60	7.13	479.234	-66.67						
-7.56	479.933	-66.67	-6.75	480.476	6.60	1073	+	0.00	8394638.34	316198.44	480.03	479.52	-0.51	6.75	479.585	-6.60	7.38	479.163	-66.67						
-9.11	479.001	-66.67	-6.75	480.575	6.60	1074	+	0.00	8394639.50	316178.47	480.13	479.11	-1.02	6.75	479.684	-6.60	8.08	478.800	-66.67						
-9.11	479.009	-66.67	-6.75	480.581	6.60	1074	+	1.17	8394639.62	316177.31	480.14	479.10	-1.03	6.75	479.690	-6.60	8.17	478.746	-66.67						
-9.61	478.771	-66.67	-6.75	480.674	6.60	1075	+	0.00	8394641.66	316158.59	480.23	479.05	-1.18	6.75	479.783	-6.60	8.30	478.748	-66.67						
-8.96	479.301	-66.67	-6.75	480.773	6.60	1076	+	0.00	8394644.80	316138.84	480.33	479.19	-1.13	6.75	479.882	-6.60	8.20	478.917	-66.67						
-8.49	479.716	-66.67	-6.75	480.872	6.60	1077	+	0.00	8394648.93	316119.28	480.43	479.48	-0.94	6.75	479.981	-6.60	7.83	479.259	-66.67						
-8.39	479.836	-66.67	-6.75	480.929	6.60	1077	+	11.53	8394651.76	316108.10	480.48	479.63	-0.86	6.75	480.038	-6.60	7.91	479.263	-66.67						
-8.12	479.990	-66.67	-6.75	480.906	5.64	1078	+	0.00	8394654.03	316099.94	480.53	479.80	-0.73	6.75	480.145	-5.64	7.84	479.418	-66.67						
-7.50	480.353	-66.67	-6.75	480.852	3.36	1079	+	0.00	8394659.94	316080.83	480.63	480.19	-0.43	6.75	480.355	-4.00	7.33	479.968	-66.67						
-7.03	480.612	-66.67	-6.75	480.797	1.08	1080	+	0.00	8394666.34	316061.88	480.72	480.59	-0.14	6.75	480.454	-4.00	7.13	480.201	-66.67						
-6.79	480.813	100.00	-6.75	480.771	0.00	1080	+	9.53	8394669.46	316052.88	480.77	480.71	-0.06	6.75	480.501	-4.00	7.00	480.335	-66.67						
-6.84	480.836	100.00	-6.75	480.742	-1.19	1081	+	0.00	8394672.90	316042.99	480.82	480.91	0.08	6.75	480.553	-4.00	7.03	480.366	-66.67						
-7.28	481.215	100.00	-6.75	480.688	-3.47	1082	+	0.00	8394679.46	316024.10	480.92	481.11	0.19	6.75	480.652	-4.00	6.87	480.570	-66.67						
-7.27	481.270	100.00	-6.75	480.751	-4.00	1083	+	0.00	8394686.02	316005.20	481.02	481.17	0.15	6.75	480.751	-4.00	6.76	480.765	100.00						
-7.16	481.263	100.00	-6.75	480.850	-4.00	1084	+	0.00	8394692.59	315986.31	481.12	481.20	0.08	6.75	480.850	-4.00	7.24	480.526	-66.67						
-7.09	481.290	100.00	-6.75	480.949	-4.00	1085	+	0.00	8394699.15	315967.42	481.22	481.17	-0.05	6.75	480.949	-4.00	7.01	480.775	-66.67						
-6.86	481.162	100.00	-6.75	481.048	-4.00	1086	+	0.00	8394705.72	315948.53	481.32	481.05	-0.27	6.75	481.048	-4.00	7.46	480.575	-66.67						
-7.12	480.903	-66.67	-6.75	481.147	-4.00	1087	+	0.00	8394712.28	315929.64	481.42	480.99	-0.43	6.75	481.147	-4.00	7.63	480.562	-66.67						
-7.35	480.845	-66.67	-6.75	481.246	-4.00	1088	+	0.00	8394718.84	315910.74	481.52	480.90	-0.62	6.75	481.246	-4.00	7.65	480.647	-66.67						
-7.30	480.980	-66.67	-6.75	481.345	-4.00	1089	+	0.00	8394725.41	315891.85	481.62	480.87	-0.74	6.75	481.345	-4.00	8.19	480.387	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.26	481.107	-66.67	-6.75	481.444	-4.00	1090	+	0.00	8394731.97	315872.96	481.71	481.01	-0.71	6.75	481.444	-4.00	8.30	480.414	-66.67						
-7.43	481.085	-66.67	-6.75	481.537	-4.00	1090	+	18.79	8394738.14	315855.21	481.81	481.17	-0.64	6.75	481.537	-4.00	7.76	480.863	-66.67						
-7.53	481.023	-66.67	-6.75	481.543	-4.00	1091	+	0.00	8394738.53	315854.07	481.81	481.18	-0.63	6.75	481.543	-4.00	7.76	480.871	-66.67						
-6.93	481.521	-66.67	-6.75	481.642	-4.00	1092	+	0.00	8394745.16	315835.20	481.91	481.43	-0.48	6.75	481.642	-4.00	7.39	481.215	-66.67						
-6.93	481.624	-66.67	-6.75	481.741	-4.00	1093	+	0.00	8394751.91	315816.37	482.01	481.58	-0.43	6.75	481.741	-4.00	7.65	481.143	-66.67						
-6.76	481.837	-66.67	-6.75	481.840	-4.00	1094	+	0.00	8394758.77	315797.58	482.11	481.80	-0.31	6.75	481.840	-4.00	7.27	481.497	-66.67						
-6.77	481.955	100.00	-6.75	481.940	-4.00	1095	+	0.00	8394765.74	315778.84	482.21	481.92	-0.29	6.75	481.940	-4.00	7.40	481.508	-66.67						
-6.82	481.995	-66.67	-6.75	482.039	-4.00	1096	+	0.00	8394772.84	315760.14	482.31	481.97	-0.34	6.75	482.039	-4.00	7.35	481.640	-66.67						
-7.36	481.733	-66.67	-6.75	482.138	-4.00	1097	+	0.00	8394780.04	315741.48	482.41	481.63	-0.78	6.75	482.138	-4.00	7.41	481.698	-66.67						
-7.88	481.485	-66.67	-6.75	482.237	-4.00	1098	+	0.00	8394787.36	315722.87	482.51	481.48	-1.03	6.75	482.237	-4.00	8.30	481.203	-66.67						
-8.47	481.189	-66.67	-6.75	482.336	-4.00	1099	+	0.00	8394794.80	315704.30	482.61	481.33	-1.27	6.75	482.336	-4.00	8.33	481.282	-66.67						
-9.03	480.915	-66.67	-6.75	482.435	-4.00	1100	+	0.00	8394802.35	315685.78	482.71	481.04	-1.67	6.75	482.435	-4.00	8.87	481.021	-66.67						
-9.44	480.731	-66.67	-6.75	482.523	-4.00	1101	+	0.00	8394810.01	315667.31	482.79	480.78	-2.02	6.75	482.523	-4.00	9.23	480.872	-66.67						
-9.74	480.595	-66.67	-6.75	482.591	-4.00	1102	+	0.00	8394817.79	315648.88	482.86	480.67	-2.19	6.75	482.591	-4.00	9.61	480.682	-66.67						
-9.79	480.610	-66.67	-6.75	482.638	-4.00	1103	+	0.00	8394825.68	315630.50	482.91	480.55	-2.36	6.75	482.638	-4.00	9.76	480.630	-66.67						
-9.98	480.514	-66.67	-6.75	482.664	-4.00	1104	+	0.00	8394833.68	315612.18	482.93	480.58	-2.36	6.75	482.664	-4.00	10.65	480.066	-66.67						
-10.00	480.505	-66.67	-6.75	482.669	-4.00	1105	+	0.00	8394841.80	315593.90	482.94	480.55	-2.39	6.75	482.669	-4.00	9.89	480.576	-66.67						
-10.01	480.478	-66.67	-6.75	482.653	-4.00	1106	+	0.00	8394850.02	315575.67	482.92	480.60	-2.33	6.75	482.653	-4.00	9.39	480.892	-66.67						
-10.00	480.450	-66.67	-6.75	482.616	-4.00	1107	+	0.00	8394858.36	315557.49	482.89	480.66	-2.22	6.75	482.616	-4.00	9.25	480.952	-66.67						
-9.51	480.716	-66.67	-6.75	482.558	-4.00	1108	+	0.00	8394866.82	315539.36	482.83	480.78	-2.05	6.75	482.558	-4.00	9.10	480.989	-66.67						
-9.03	480.961	-66.67	-6.75	482.480	-4.00	1109	+	0.00	8394875.38	315521.29	482.75	480.99	-1.76	6.75	482.480	-4.00	8.67	481.202	-66.67						
-9.23	480.815	-66.67	-6.75	482.470	-4.00	1109	+	2.17	8394876.32	315519.34	482.74	481.01	-1.73	6.75	482.470	-4.00	8.66	481.194	-66.67						
-9.21	480.740	-66.67	-6.75	482.380	-4.00	1110	+	0.00	8394884.05	315503.27	482.65	480.94	-1.71	6.75	482.380	-4.00	8.62	481.133	-66.67						
-9.14	480.678	-66.67	-6.75	482.270	-4.00	1111	+	0.00	8394892.84	315485.30	482.54	480.86	-1.68	6.75	482.270	-4.00	8.71	480.963	-66.67						
-9.30	480.462	-66.67	-6.75	482.160	-4.00	1112	+	0.00	8394901.73	315467.39	482.43	480.66	-1.78	6.75	482.160	-4.00	8.73	480.839	-66.67						
-9.19	480.420	-66.67	-6.75	482.050	-4.00	1113	+	0.00	8394910.74	315449.53	482.32	480.54	-1.78	6.75	482.050	-4.00	8.75	480.714	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																									
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO											
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																									
-9.34	480.220	-66.67	-6.75	481.949	-4.00	1114	+	0.00	8394919.85	315431.73	482.22	480.50	-1.72	6.75	481.949	-4.00	9.00	480.449	-66.67						
-9.24	480.254	-66.67	-6.75	481.911	-4.00	1115	+	0.00	8394929.08	315413.98	482.18	480.49	-1.69	6.75	481.911	-4.00	9.01	480.405	-66.67						
-9.10	480.381	-66.67	-6.75	481.945	-4.00	1116	+	0.00	8394938.41	315396.29	482.22	480.52	-1.69	6.75	481.945	-4.00	8.80	480.576	-66.67						
-9.20	480.410	-66.67	-6.75	482.041	-4.00	1117	+	0.00	8394947.85	315378.66	482.31	480.61	-1.70	6.75	482.041	-4.00	9.01	480.538	-66.67						
-9.13	480.558	-66.67	-6.75	482.147	-4.00	1118	+	0.00	8394957.40	315361.09	482.42	480.90	-1.52	6.75	482.147	-4.00	9.02	480.635	-66.67						
-9.07	480.709	-66.67	-6.75	482.253	-4.00	1119	+	0.00	8394967.06	315343.58	482.52	481.00	-1.53	6.75	482.253	-4.00	8.92	480.805	-66.67						
-8.78	481.005	-66.67	-6.75	482.359	-4.00	1120	+	0.00	8394976.83	315326.12	482.63	481.12	-1.51	6.75	482.359	-4.00	8.97	480.877	-66.67						
-8.67	481.185	-66.67	-6.75	482.464	-4.00	1121	+	0.00	8394986.70	315308.73	482.73	481.18	-1.55	6.75	482.464	-4.00	8.55	481.262	-66.67						
-8.26	481.564	-66.67	-6.75	482.570	-4.00	1122	+	0.00	8394996.68	315291.40	482.84	481.55	-1.29	6.75	482.570	-4.00	8.23	481.584	-66.67						
-7.85	481.941	-66.67	-6.75	482.676	-4.00	1123	+	0.00	8395006.77	315274.13	482.95	481.90	-1.04	6.75	482.676	-4.00	7.82	481.964	-66.67						
-7.82	482.070	-66.67	-6.75	482.781	-4.00	1124	+	0.00	8395016.96	315256.92	483.05	482.13	-0.92	6.75	482.781	-4.00	7.66	482.177	-66.67						
-8.19	481.927	-66.67	-6.75	482.887	-4.00	1125	+	0.00	8395027.26	315239.77	483.16	481.66	-1.49	6.75	482.887	-4.00	7.83	482.166	-66.67						
-8.67	481.716	-66.67	-6.75	482.993	-4.00	1126	+	0.00	8395037.66	315222.69	483.26	481.90	-1.36	6.75	482.993	-4.00	8.12	482.079	-66.67						
-9.30	481.402	-66.67	-6.75	483.099	-4.00	1127	+	0.00	8395048.17	315205.68	483.37	481.61	-1.76	6.75	483.099	-4.00	8.67	481.819	-66.67						
-9.45	481.331	-66.67	-6.75	483.128	-4.00	1127	+	5.54	8395051.10	315200.97	483.40	481.42	-1.98	6.75	483.128	-4.00	8.83	481.744	-66.67						
-9.79	481.175	-66.67	-6.75	483.204	-4.00	1128	+	0.00	8395058.76	315188.71	483.47	481.27	-2.20	6.75	483.204	-4.00	9.19	481.578	-66.67						
-10.62	480.734	-66.67	-6.75	483.310	-4.00	1129	+	0.00	8395069.35	315171.74	483.58	481.06	-2.52	6.75	483.310	-4.00	9.70	481.344	-66.67						
-11.31	480.377	-66.67	-6.75	483.416	-4.00	1130	+	0.00	8395079.94	315154.78	483.69	480.67	-3.02	6.75	483.416	-4.00	10.15	481.146	-66.67						
-11.82	480.141	-66.67	-6.75	483.521	-4.00	1131	+	0.00	8395090.52	315137.81	483.79	480.61	-3.18	6.75	483.521	-4.00	10.37	481.107	-66.67						
-11.83	480.241	-66.67	-6.75	483.627	-4.00	1132	+	0.00	8395101.11	315120.84	483.90	480.53	-3.37	6.75	483.627	-4.00	10.60	481.060	-66.67						
-11.38	480.648	-66.67	-6.75	483.733	-4.00	1133	+	0.00	8395111.70	315103.88	484.00	480.59	-3.41	6.75	483.733	-4.00	10.64	481.138	-66.67						
-11.26	480.829	-66.67	-6.75	483.839	-4.00	1134	+	0.00	8395122.29	315086.91	484.11	481.04	-3.07	6.75	483.839	-4.00	10.46	481.366	-66.67						
-10.86	481.204	-66.67	-6.75	483.944	-4.00	1135	+	0.00	8395132.88	315069.94	484.21	481.29	-2.92	6.75	483.944	-4.00	10.30	481.579	-66.67						
-10.11	481.809	-66.67	-6.75	484.050	-4.00	1136	+	0.00	8395143.47	315052.98	484.32	481.85	-2.47	6.75	484.050	-4.00	10.14	481.790	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																									
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO											
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																									
-9.63	482.239	-66.67	-6.75	484.156	-4.00	1137	+	0.00	8395154.06	315036.01	484.43	482.27	-2.16	6.75	484.156	-4.00	9.47	482.341	-66.67						
-9.08	482.706	-66.67	-6.75	484.261	-4.00	1138	+	0.00	8395164.65	315019.04	484.53	482.71	-1.82	6.75	484.261	-4.00	9.27	482.581	-66.67						
-8.68	483.079	-66.67	-6.75	484.367	-4.00	1139	+	0.00	8395175.24	315002.08	484.64	483.10	-1.54	6.75	484.367	-4.00	8.88	482.946	-66.67						
-8.34	483.414	-66.67	-6.75	484.473	-4.00	1140	+	0.00	8395185.83	314985.11	484.74	483.39	-1.36	6.75	484.473	-4.00	8.64	483.215	-66.67						
-8.25	483.576	-66.67	-6.75	484.579	-4.00	1141	+	0.00	8395196.42	314968.15	484.85	483.65	-1.20	6.75	484.579	-4.00	8.61	483.341	-66.67						
-8.23	483.696	-66.67	-6.75	484.684	-4.00	1142	+	0.00	8395207.01	314951.18	484.95	483.64	-1.31	6.75	484.684	-4.00	8.43	483.564	-66.67						
-8.40	483.691	-66.67	-6.75	484.790	-4.00	1143	+	0.00	8395217.60	314934.21	485.06	483.65	-1.41	6.75	484.790	-4.00	8.41	483.686	-66.67						
-8.88	483.476	-66.67	-6.75	484.896	-4.00	1144	+	0.00	8395228.19	314917.25	485.17	483.44	-1.72	6.75	484.896	-4.00	8.87	483.483	-66.67						
-9.29	483.307	-66.67	-6.75	485.001	-4.00	1145	+	0.00	8395238.78	314900.28	485.27	483.20	-2.08	6.75	485.001	-4.00	9.84	482.945	-66.67						
-9.91	482.991	-66.67	-6.75	485.097	-4.00	1146	+	0.00	8395249.37	314883.31	485.37	482.90	-2.46	6.75	485.097	-4.00	9.93	482.976	-66.67						
-10.45	482.704	-66.67	-6.75	485.172	-4.00	1147	+	0.00	8395259.96	314866.35	485.44	482.82	-2.63	6.75	485.172	-4.00	10.20	482.872	-66.67						
-10.85	482.496	-66.67	-6.75	485.226	-4.00	1148	+	0.00	8395270.55	314849.38	485.50	482.61	-2.88	6.75	485.226	-4.00	10.41	482.788	-66.67						
-11.03	482.407	-66.67	-6.75	485.259	-4.00	1149	+	0.00	8395281.14	314832.42	485.53	482.64	-2.89	6.75	485.259	-4.00	10.68	482.637	-66.67						
-11.01	482.432	-66.67	-6.75	485.272	-4.00	1150	+	0.00	8395291.73	314815.45	485.54	482.02	-3.52	6.75	485.272	-4.00	10.87	482.524	-66.67						
-10.78	482.578	-66.67	-6.75	485.264	-4.00	1151	+	0.00	8395302.32	314798.48	485.53	482.47	-3.06	6.75	485.264	-4.00	10.90	482.501	-66.67						
-10.90	482.470	-66.67	-6.75	485.235	-4.00	1152	+	0.00	8395312.91	314781.52	485.51	482.38	-3.12	6.75	485.235	-4.00	10.72	482.586	-66.67						
-10.17	482.908	-66.67	-6.75	485.186	-4.00	1153	+	0.00	8395323.50	314764.55	485.46	482.42	-3.03	6.75	485.186	-4.00	10.34	482.795	-66.67						
-10.07	482.903	-66.67	-6.75	485.116	-4.00	1154	+	0.00	8395334.09	314747.58	485.39	482.78	-2.61	6.75	485.116	-4.00	10.17	482.833	-66.67						
-9.81	482.989	-66.67	-6.75	485.026	-4.00	1155	+	0.00	8395344.68	314730.62	485.30	482.98	-2.32	6.75	485.026	-4.00	10.06	482.819	-66.67						
-9.54	483.065	-66.67	-6.75	484.925	-4.00	1156	+	0.00	8395355.27	314713.65	485.20	483.13	-2.07	6.75	484.925	-4.00	9.81	482.888	-66.67						
-9.50	482.992	-66.67	-6.75	484.824	-4.00	1157	+	0.00	8395365.86	314696.68	485.09	483.10	-2.00	6.75	484.824	-4.00	9.76	482.817	-66.67						
-9.57	482.844	-66.67	-6.75	484.723	-4.00	1158	+	0.00	8395376.45	314679.72	484.99	483.04	-1.95	6.75	484.723	-4.00	9.61	482.819	-66.67						
-9.29	482.926	-66.67	-6.75	484.622	-4.00	1159	+	0.00	8395387.04	314662.75	484.89	483.04	-1.85	6.75	484.622	-4.00	9.37	482.875	-66.67						
-9.39	482.764	-66.67	-6.75	484.521	-4.00	1160	+	0.00	8395397.63	314645.79	484.79	482.97	-1.82	6.75	484.521	-4.00	9.37	482.775	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-9.25	482.752	-66.67	-6.75	484.420	-4.00	1161	+	0.00	8395408.22	314628.82	484.69	482.86	-1.83	6.75	484.420	-4.00	9.43	482.631	-66.67						
-9.34	482.593	-66.67	-6.75	484.320	-4.00	1162	+	0.00	8395418.81	314611.85	484.59	482.82	-1.77	6.75	484.320	-4.00	9.21	482.679	-66.67						
-9.38	482.466	-66.67	-6.75	484.219	-4.00	1163	+	0.00	8395429.40	314594.89	484.49	482.77	-1.72	6.75	484.219	-4.00	9.21	482.577	-66.67						
-8.96	482.647	-66.67	-6.75	484.118	-4.00	1164	+	0.00	8395439.99	314577.92	484.39	482.72	-1.67	6.75	484.118	-4.00	9.10	482.549	-66.67						
-8.99	482.523	-66.67	-6.75	484.017	-4.00	1165	+	0.00	8395450.58	314560.95	484.29	482.51	-1.78	6.75	484.017	-4.00	8.80	482.654	-66.67						
-9.07	482.369	-66.67	-6.75	483.916	-4.00	1166	+	0.00	8395461.17	314543.99	484.19	482.35	-1.83	6.75	483.916	-4.00	9.10	482.350	-66.67						
-8.79	482.455	-66.67	-6.75	483.815	-4.00	1167	+	0.00	8395471.76	314527.02	484.09	482.22	-1.87	6.75	483.815	-4.00	9.02	482.304	-66.67						
-8.69	482.424	-66.67	-6.75	483.714	-4.00	1168	+	0.00	8395482.35	314510.05	483.98	482.40	-1.58	6.75	483.714	-4.00	8.51	482.538	-66.67						
-8.69	482.320	-66.67	-6.75	483.613	-4.00	1169	+	0.00	8395492.94	314493.09	483.88	482.57	-1.31	6.75	483.613	-4.00	8.76	482.273	-66.67						
-8.35	482.446	-66.67	-6.75	483.513	-4.00	1170	+	0.00	8395503.53	314476.12	483.78	482.41	-1.37	6.75	483.513	-4.00	8.76	482.172	-66.67						
-8.20	482.446	-66.67	-6.75	483.412	-4.00	1171	+	0.00	8395514.12	314459.16	483.68	482.44	-1.24	6.75	483.412	-4.00	8.66	482.137	-66.67						
-8.24	482.317	-66.67	-6.75	483.311	-4.00	1172	+	0.00	8395524.71	314442.19	483.58	482.40	-1.18	6.75	483.311	-4.00	8.67	482.031	-66.67						
-8.04	482.353	-66.67	-6.75	483.210	-4.00	1173	+	0.00	8395535.30	314425.22	483.48	482.40	-1.08	6.75	483.210	-4.00	8.15	482.277	-66.67						
-8.22	482.132	-66.67	-6.75	483.109	-4.00	1174	+	0.00	8395545.88	314408.26	483.38	482.36	-1.02	6.75	483.109	-4.00	8.30	482.075	-66.67						
-7.87	482.263	-66.67	-6.75	483.008	-4.00	1175	+	0.00	8395556.47	314391.29	483.28	482.41	-0.87	6.75	483.008	-4.00	8.25	482.011	-66.67						
-7.78	482.219	-66.67	-6.75	482.907	-4.00	1176	+	0.00	8395567.06	314374.32	483.18	482.36	-0.81	6.75	482.907	-4.00	7.94	482.116	-66.67						
-7.88	482.056	-66.67	-6.75	482.807	-4.00	1177	+	0.00	8395577.65	314357.36	483.08	482.33	-0.75	6.75	482.807	-4.00	7.50	482.308	-66.67						
-7.65	482.106	-66.67	-6.75	482.706	-4.00	1178	+	0.00	8395588.24	314340.39	482.98	482.31	-0.67	6.75	482.706	-4.00	7.57	482.158	-66.67						
-7.63	482.045	-66.67	-6.75	482.633	-3.58	1179	+	0.00	8395598.83	314323.42	482.88	482.21	-0.67	6.75	482.605	-4.00	7.49	482.115	-66.67						
-7.76	481.899	-66.67	-6.75	482.572	-2.99	1180	+	0.00	8395609.42	314306.46	482.77	482.10	-0.68	6.75	482.504	-4.00	7.69	481.875	-66.67						
-7.99	481.687	-66.67	-6.75	482.511	-2.40	1181	+	0.00	8395620.01	314289.49	482.67	481.94	-0.73	6.75	482.403	-4.00	7.41	481.966	-66.67						
-7.93	481.663	-66.67	-6.75	482.450	-1.81	1182	+	0.00	8395630.60	314272.53	482.57	481.86	-0.71	6.75	482.302	-4.00	7.77	481.624	-66.67						
-8.06	481.515	-66.67	-6.75	482.389	-1.22	1183	+	0.00	8395641.19	314255.56	482.47	481.76	-0.71	6.75	482.201	-4.00	7.56	481.663	-66.67						
-7.96	481.520	-66.67	-6.75	482.328	-0.62	1184	+	0.00	8395651.78	314238.59	482.37	481.68	-0.69	6.75	482.100	-4.00	7.48	481.617	-66.67						
-8.08	481.380	-66.67	-6.75	482.267	-0.03	1185	+	0.00	8395662.37	314221.63	482.27	481.66	-0.61	6.75	482.000	-4.00	7.51	481.493	-66.67						
-8.07	481.385	-66.67	-6.75	482.264	0.00	1185	+	1.11	8395662.96	314220.68	482.26	481.65	-0.61	6.75	481.994	-4.00	7.59	481.435	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.07	481.335	-66.67	-6.75	482.213	0.66	1186	+	0.00	8395672.97	314204.67	482.17	481.62	-0.54	6.75	481.899	-4.00	7.48	481.413	-66.67						
-8.03	481.306	-66.67	-6.75	482.159	1.35	1187	+	0.00	8395683.62	314187.74	482.07	481.50	-0.57	6.75	481.798	-4.00	7.74	481.137	-66.67						
-7.73	481.454	-66.67	-6.75	482.105	2.05	1188	+	0.00	8395694.39	314170.89	481.97	481.53	-0.44	6.75	481.697	-4.00	7.42	481.251	-66.67						
-8.05	481.182	-66.67	-6.75	482.051	2.74	1189	+	0.00	8395705.33	314154.14	481.87	481.53	-0.33	6.75	481.596	-4.00	7.21	481.290	-66.67						
-7.73	481.342	-66.67	-6.75	481.997	3.44	1190	+	0.00	8395716.50	314137.55	481.77	481.57	-0.20	6.75	481.495	-4.00	6.93	481.376	-66.67						
-7.73	481.299	-66.67	-6.75	481.954	4.00	1190	+	16.11	8395725.70	314124.33	481.68	481.58	-0.11	6.75	481.414	-4.00	6.80	481.383	-66.67						
-7.63	481.350	-66.67	-6.75	481.934	4.00	1191	+	0.00	8395727.95	314121.16	481.66	481.56	-0.10	6.75	481.394	-4.00	6.76	481.408	100.00						
-7.60	481.266	-66.67	-6.75	481.833	4.00	1192	+	0.00	8395739.73	314104.99	481.56	481.52	-0.05	6.75	481.293	-4.00	6.90	481.447	100.00						
-7.18	481.444	-66.67	-6.75	481.733	4.00	1193	+	0.00	8395751.82	314089.06	481.46	481.59	0.12	6.75	481.193	-4.00	7.00	481.441	100.00						
-6.93	481.511	-66.67	-6.75	481.632	4.00	1194	+	0.00	8395764.23	314073.38	481.36	481.67	0.30	6.75	481.092	-4.00	7.34	481.678	100.00						
-6.81	481.587	100.00	-6.75	481.531	4.00	1195	+	0.00	8395776.95	314057.94	481.26	481.71	0.45	6.75	480.991	-4.00	7.33	481.569	100.00						
-6.77	481.495	-66.67	-6.75	481.505	4.00	1195	+	5.13	8395780.29	314054.05	481.24	481.75	0.51	6.75	480.965	-4.00	7.35	481.564	100.00						
-6.88	481.559	100.00	-6.75	481.430	4.00	1196	+	0.00	8395789.98	314042.77	481.16	481.69	0.53	6.75	480.890	-4.00	7.43	481.573	100.00						
-6.92	481.494	100.00	-6.75	481.329	4.00	1197	+	0.00	8395803.31	314027.86	481.06	481.70	0.64	6.75	480.789	-4.00	7.60	481.641	100.00						
-7.23	481.710	100.00	-6.75	481.228	4.00	1198	+	0.00	8395816.93	314013.21	480.96	481.71	0.75	6.75	480.688	-4.00	7.81	481.750	100.00						
-7.19	481.562	100.00	-6.75	481.127	4.00	1199	+	0.00	8395830.84	313998.85	480.86	481.55	0.70	6.75	480.587	-4.00	7.89	481.729	100.00						
-7.28	481.588	100.00	-6.75	481.056	4.00	1199	+	14.14	8395840.85	313988.86	480.79	481.51	0.73	6.75	480.516	-4.00	7.87	481.634	100.00						
-7.25	481.510	100.00	-6.75	481.013	3.80	1200	+	0.00	8395845.04	313984.76	480.76	481.48	0.73	6.75	480.487	-4.00	7.87	481.603	100.00						
-7.33	481.448	100.00	-6.75	480.865	3.10	1201	+	0.00	8395859.50	313970.95	480.66	481.22	0.56	6.75	480.386	-4.00	7.65	481.282	100.00						
-7.17	481.133	100.00	-6.75	480.717	2.40	1202	+	0.00	8395874.17	313957.36	480.56	481.13	0.58	6.75	480.285	-4.00	7.49	481.027	100.00						
-7.14	480.958	100.00	-6.75	480.569	1.71	1203	+	0.00	8395889.01	313943.94	480.45	480.80	0.34	6.75	480.184	-4.00	7.30	480.737	100.00						
-7.04	480.714	100.00	-6.75	480.421	1.01	1204	+	0.00	8395903.96	313930.66	480.35	480.46	0.10	6.75	480.083	-4.00	7.05	480.386	100.00						
-6.77	480.261	-66.67	-6.75	480.274	0.32	1205	+	0.00	8395918.97	313917.44	480.25	480.20	-0.06	6.75	479.982	-4.00	7.04	480.271	100.00						
-6.89	480.345	100.00	-6.75	480.210	0.00	1205	+	9.14	8395925.84	313911.42	480.21	480.17	-0.04	6.75	479.940	-4.00	6.94	480.126	100.00						
-6.83	480.096	-66.67	-6.75	480.150	-0.32	1206	+	0.00	8395934.01	313904.26	480.17	480.07	-0.10	6.75	479.901	-4.00	6.79	479.946	100.00						
-6.82	480.139	100.00	-6.75	480.069	-0.91	1207	+	0.00	8395949.05	313891.08	480.13	479.96	-0.17	6.75	479.861	-4.00	6.77	479.845	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO											
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.69	479.405	-66.67	-6.75	480.029	-1.50	1208	+	0.00	8395964.09	313877.89	480.13	479.96	-0.17	6.75	479.860	-4.00	7.24	479.535	-66.67						
-7.03	479.839	-66.67	-6.75	480.028	-2.10	1209	+	0.00	8395979.13	313864.71	480.17	480.11	-0.06	6.75	479.900	-4.00	7.16	479.629	-66.67						
-6.78	480.099	100.00	-6.75	480.068	-2.69	1210	+	0.00	8395994.17	313851.52	480.25	480.42	0.17	6.75	479.979	-4.00	6.96	479.837	-66.67						
-7.03	480.406	100.00	-6.75	480.128	-3.28	1211	+	0.00	8396009.21	313838.34	480.35	480.71	0.36	6.75	480.079	-4.00	6.80	480.133	100.00						
-7.05	480.486	100.00	-6.75	480.187	-3.87	1212	+	0.00	8396024.25	313825.15	480.45	480.92	0.47	6.75	480.179	-4.00	6.86	480.284	100.00						
-6.94	480.469	100.00	-6.75	480.278	-4.00	1213	+	0.00	8396039.28	313811.97	480.55	480.95	0.40	6.75	480.278	-4.00	6.92	480.446	100.00						
-6.84	480.316	-66.67	-6.75	480.378	-4.00	1214	+	0.00	8396054.32	313798.79	480.65	480.83	0.18	6.75	480.378	-4.00	6.84	480.322	-66.67						
-7.25	480.142	-66.67	-6.75	480.478	-4.00	1215	+	0.00	8396069.36	313785.60	480.75	480.84	0.09	6.75	480.478	-4.00	7.16	480.205	-66.67						
-7.02	480.400	-66.67	-6.75	480.577	-4.00	1216	+	0.00	8396084.40	313772.42	480.85	480.80	-0.05	6.75	480.577	-4.00	7.17	480.300	-66.67						
-6.94	480.548	-66.67	-6.75	480.677	-4.00	1217	+	0.00	8396099.44	313759.23	480.95	480.80	-0.15	6.75	480.677	-4.00	7.29	480.315	-66.67						
-7.16	480.503	-66.67	-6.75	480.777	-4.00	1218	+	0.00	8396114.48	313746.05	481.05	480.87	-0.18	6.75	480.777	-4.00	7.58	480.221	-66.67						
-7.32	480.500	-66.67	-6.75	480.876	-4.00	1219	+	0.00	8396129.52	313732.86	481.15	480.91	-0.24	6.75	480.876	-4.00	7.65	480.274	-66.67						
-7.13	480.725	-66.67	-6.75	480.976	-4.00	1220	+	0.00	8396144.56	313719.68	481.25	481.02	-0.23	6.75	480.976	-4.00	7.84	480.248	-66.67						
-7.60	480.603	-66.67	-6.75	481.169	-2.62	1221	+	0.00	8396159.60	313706.50	481.35	481.04	-0.31	6.75	481.076	-4.00	7.94	480.282	-66.67						
-7.53	480.850	-66.67	-6.75	481.367	-1.17	1222	+	0.00	8396174.64	313693.31	481.45	481.10	-0.35	6.75	481.175	-4.00	7.95	480.376	-66.67						
-7.63	480.940	-66.67	-6.75	481.526	0.00	1222	+	16.11	8396186.75	313682.69	481.53	481.14	-0.38	6.75	481.256	-4.00	7.95	480.457	-66.67						
-8.11	480.660	-66.67	-6.75	481.564	0.28	1223	+	0.00	8396189.68	313680.13	481.55	481.14	-0.41	6.75	481.275	-4.00	8.17	480.329	-66.67						
-8.53	480.574	-66.67	-6.75	481.762	1.73	1224	+	0.00	8396204.75	313666.99	481.65	481.12	-0.53	6.75	481.375	-4.00	8.06	480.501	-66.67						
-8.32	480.915	-66.67	-6.75	481.959	3.18	1225	+	0.00	8396219.98	313654.02	481.75	481.19	-0.55	6.75	481.475	-4.00	8.02	480.631	-66.67						
-8.51	480.983	-66.67	-6.75	482.157	4.63	1226	+	0.00	8396235.50	313641.40	481.84	481.21	-0.63	6.75	481.532	-4.63	8.07	480.651	-66.67						
-8.72	480.996	-66.67	-6.75	482.309	5.80	1226	+	16.11	8396248.27	313631.59	481.92	481.20	-0.71	6.75	481.526	-5.80	7.95	480.730	-66.67						
-8.87	480.907	-66.67	-6.75	482.323	5.80	1227	+	0.00	8396251.40	313629.28	481.93	481.17	-0.76	6.75	481.540	-5.80	7.91	480.770	-66.67						
-8.09	481.479	-66.67	-6.75	482.369	5.80	1228	+	0.00	8396267.77	313617.79	481.98	481.23	-0.75	6.75	481.586	-5.80	7.69	480.958	-66.67						
-8.03	481.521	-66.67	-6.75	482.370	5.80	1229	+	0.00	8396284.59	313606.97	481.98	481.01	-0.97	6.75	481.587	-5.80	7.20	481.288	-66.67						
-8.01	481.490	-66.67	-6.75	482.329	5.80	1230	+	0.00	8396301.82	313596.82	481.94	480.98	-0.95	6.75	481.546	-5.80	6.99	481.386	-66.67						
-8.09	481.402	-66.67	-6.75	482.297	5.80	1230	+	8.76	8396309.55	313592.68	481.91	481.04	-0.87	6.75	481.514	-5.80	7.16	481.241	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.08	481.354	-66.67	-6.75	482.244	5.80	1231	+	0.00	8396319.45	313587.37	481.85	481.04	-0.82	6.75	481.461	-5.80	7.45	480.997	-66.67						
-7.95	481.326	-66.67	-6.75	482.127	5.80	1232	+	0.00	8396337.44	313578.64	481.74	480.82	-0.91	6.75	481.344	-5.80	7.09	481.118	-66.67						
-7.84	481.284	-66.67	-6.75	482.010	5.80	1233	+	0.00	8396355.77	313570.63	481.62	480.88	-0.74	6.75	481.227	-5.80	6.99	481.065	-66.67						
-7.72	481.243	-66.67	-6.75	481.892	5.80	1234	+	0.00	8396374.40	313563.36	481.50	480.85	-0.65	6.75	481.109	-5.80	6.76	481.103	-66.67						
-7.71	481.244	-66.67	-6.75	481.884	5.80	1234	+	1.42	8396375.73	313562.88	481.49	480.83	-0.67	6.75	481.101	-5.80	6.76	481.094	-66.67						
-7.43	481.233	-66.67	-6.75	481.683	4.45	1235	+	0.00	8396393.29	313556.82	481.38	480.72	-0.66	6.75	481.082	-4.45	7.24	480.758	-66.67						
-7.36	481.063	-66.67	-6.75	481.468	3.00	1236	+	0.00	8396412.39	313550.86	481.27	480.56	-0.71	6.75	480.995	-4.00	7.23	480.674	-66.67						
-7.36	480.847	-66.67	-6.75	481.252	1.55	1237	+	0.00	8396431.60	313545.30	481.15	480.59	-0.56	6.75	480.877	-4.00	7.40	480.445	-66.67						
-7.31	480.664	-66.67	-6.75	481.037	0.10	1238	+	0.00	8396450.86	313539.94	481.03	480.39	-0.64	6.75	480.760	-4.00	7.46	480.290	-66.67						
-7.30	480.653	-66.67	-6.75	481.021	0.00	1238	+	1.42	8396452.23	313539.56	481.02	480.41	-0.61	6.75	480.751	-4.00	7.48	480.266	-66.67						
-7.20	480.524	-66.67	-6.75	480.821	-1.35	1239	+	0.00	8396470.14	313534.62	480.91	480.28	-0.63	6.75	480.642	-4.00	7.41	480.205	-66.67						
-7.08	480.383	-66.67	-6.75	480.605	-2.80	1240	+	0.00	8396489.42	313529.30	480.79	479.93	-0.86	6.75	480.524	-4.00	7.45	480.061	-66.67						
-6.98	480.283	-66.67	-6.75	480.434	-4.00	1241	+	0.00	8396508.70	313523.98	480.70	479.79	-0.92	6.75	480.434	-4.00	7.49	479.939	-66.67						
-7.02	480.219	-66.67	-6.75	480.400	-4.00	1242	+	0.00	8396527.98	313518.66	480.67	479.79	-0.88	6.75	480.400	-4.00	7.72	479.754	-66.67						
-7.12	480.174	-66.67	-6.75	480.421	-4.00	1243	+	0.00	8396547.26	313513.35	480.69	479.94	-0.75	6.75	480.421	-4.00	7.74	479.764	-66.67						
-7.21	480.193	-66.67	-6.75	480.498	-4.00	1244	+	0.00	8396566.54	313508.03	480.77	479.75	-1.01	6.75	480.498	-4.00	7.98	479.677	-66.67						
-7.38	480.209	-66.67	-6.75	480.630	-4.00	1245	+	0.00	8396585.82	313502.71	480.90	479.77	-1.13	6.75	480.630	-4.00	8.25	479.628	-66.67						
-7.48	480.302	-66.67	-6.75	480.790	-4.00	1246	+	0.00	8396605.10	313497.39	481.06	479.88	-1.18	6.75	480.790	-4.00	8.08	479.904	-66.67						
-7.45	480.485	-66.67	-6.75	480.950	-4.00	1247	+	0.00	8396624.38	313492.07	481.22	479.98	-1.24	6.75	480.950	-4.00	8.15	480.016	-66.67						
-7.47	480.633	-66.67	-6.75	481.110	-4.00	1248	+	0.00	8396643.66	313486.75	481.38	480.19	-1.19	6.75	481.110	-4.00	7.99	480.286	-66.67						
-7.44	480.812	-66.67	-6.75	481.270	-4.00	1249	+	0.00	8396662.94	313481.44	481.54	480.32	-1.22	6.75	481.270	-4.00	7.95	480.469	-66.67						
-7.52	480.918	-66.67	-6.75	481.430	-4.00	1250	+	0.00	8396682.22	313476.12	481.70	480.36	-1.34	6.75	481.430	-4.00	7.98	480.610	-66.67						
-7.74	480.933	-66.67	-6.75	481.590	-4.00	1251	+	0.00	8396701.50	313470.80	481.86	480.44	-1.42	6.75	481.590	-4.00	8.08	480.706	-66.67						
-8.09	480.855	-66.67	-6.75	481.750	-4.00	1252	+	0.00	8396720.78	313465.48	482.02	480.63	-1.39	6.75	481.750	-4.00	8.06	480.874	-66.67						
-8.43	480.781	-66.67	-6.75	481.903	-4.00	1253	+	0.00	8396740.06	313460.16	482.17	480.80	-1.37	6.75	481.903	-4.00	8.28	480.884	-66.67						
-8.83	480.620	-66.67	-6.75	482.006	-4.00	1254	+	0.00	8396759.34	313454.84	482.28	480.81	-1.46	6.75	482.006	-4.00	8.45	480.875	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-9.00	480.554	-66.67	-6.75	482.053	-4.00	1255	+	0.00	8396778.62	313449.52	482.32	480.82	-1.51	6.75	482.053	-4.00	8.65	480.790	-66.67						
-8.96	480.571	-66.67	-6.75	482.043	-4.00	1256	+	0.00	8396797.90	313444.21	482.31	480.83	-1.49	6.75	482.043	-4.00	8.66	480.770	-66.67						
-8.81	480.602	-66.67	-6.75	481.977	-4.00	1257	+	0.00	8396817.18	313438.89	482.25	480.77	-1.47	6.75	481.977	-4.00	8.81	480.601	-66.67						
-8.78	480.506	-66.67	-6.75	481.861	-4.00	1258	+	0.00	8396836.46	313433.57	482.13	480.62	-1.51	6.75	481.861	-4.00	8.73	480.538	-66.67						
-8.98	480.253	-66.67	-6.75	481.738	-4.00	1259	+	0.00	8396855.74	313428.25	482.01	480.38	-1.63	6.75	481.738	-4.00	9.04	480.213	-66.67						
-8.80	480.248	-66.67	-6.75	481.615	-4.00	1260	+	0.00	8396875.02	313422.93	481.89	480.18	-1.70	6.75	481.615	-4.00	9.21	479.973	-66.67						
-8.85	480.089	-66.67	-6.75	481.492	-4.00	1261	+	0.00	8396894.30	313417.61	481.76	480.08	-1.69	6.75	481.492	-4.00	9.22	479.846	-66.67						
-8.92	479.924	-66.67	-6.75	481.368	-4.00	1262	+	0.00	8396913.58	313412.30	481.64	479.93	-1.71	6.75	481.368	-4.00	8.96	479.897	-66.67						
-9.15	479.644	-66.67	-6.75	481.245	-4.00	1263	+	0.00	8396932.86	313406.98	481.52	479.81	-1.71	6.75	481.245	-4.00	8.78	479.891	-66.67						
-9.80	479.092	-66.67	-6.75	481.122	-4.00	1264	+	0.00	8396952.14	313401.66	481.39	479.75	-1.64	6.75	481.122	-4.00	8.71	479.815	-66.67						
-11.31	477.962	-66.67	-6.75	480.999	-4.00	1265	+	0.00	8396971.42	313396.34	481.27	479.66	-1.61	6.75	480.999	-4.00	8.67	479.717	-66.67						
-9.91	478.773	-66.67	-6.75	480.876	-4.00	1266	+	0.00	8396990.70	313391.02	481.15	479.57	-1.57	6.75	480.876	-4.00	8.35	479.812	-66.67						
-8.65	479.484	-66.67	-6.75	480.753	-4.00	1267	+	0.00	8397009.98	313385.70	481.02	479.82	-1.21	6.75	480.753	-4.00	7.95	479.956	-66.67						
-8.53	479.441	-66.67	-6.75	480.630	-4.00	1268	+	0.00	8397029.26	313380.38	480.90	479.63	-1.27	6.75	480.630	-4.00	7.96	479.822	-66.67						
-8.88	479.086	-66.67	-6.75	480.507	-4.00	1269	+	0.00	8397048.54	313375.07	480.78	479.38	-1.40	6.75	480.507	-4.00	8.20	479.541	-66.67						
-9.50	478.553	-66.67	-6.75	480.384	-4.00	1270	+	0.00	8397067.82	313369.75	480.65	478.98	-1.68	6.75	480.384	-4.00	8.40	479.284	-66.67						
-9.63	478.342	-66.67	-6.75	480.261	-4.00	1271	+	0.00	8397087.10	313364.43	480.53	478.75	-1.78	6.75	480.261	-4.00	8.49	479.102	-66.67						
-9.52	478.294	-66.67	-6.75	480.138	-4.00	1272	+	0.00	8397106.38	313359.11	480.41	478.67	-1.74	6.75	480.138	-4.00	8.41	479.029	-66.67						
-9.17	478.401	-66.67	-6.75	480.015	-4.00	1273	+	0.00	8397125.66	313353.79	480.29	478.77	-1.52	6.75	480.015	-4.00	8.35	478.951	-66.67						
-8.72	478.577	-66.67	-6.75	479.892	-4.00	1274	+	0.00	8397144.94	313348.47	480.16	478.89	-1.28	6.75	479.892	-4.00	7.99	479.064	-66.67						
-7.82	479.053	-66.67	-6.75	479.768	-4.00	1275	+	0.00	8397164.22	313343.16	480.04	479.07	-0.96	6.75	479.768	-4.00	7.60	479.205	-66.67						
-7.87	478.897	-66.67	-6.75	479.645	-4.00	1276	+	0.00	8397183.50	313337.84	479.92	479.01	-0.91	6.75	479.645	-4.00	7.63	479.060	-66.67						
-7.67	478.906	-66.67	-6.75	479.522	-4.00	1277	+	0.00	8397202.78	313332.52	479.79	479.10	-0.69	6.75	479.522	-4.00	7.50	479.022	-66.67						
-7.62	478.817	-66.67	-6.75	479.399	-4.00	1278	+	0.00	8397222.06	313327.20	479.67	479.19	-0.48	6.75	479.399	-4.00	7.50	478.902	-66.67						
-7.49	478.784	-66.67	-6.75	479.276	-4.00	1279	+	0.00	8397241.34	313321.88	479.55	479.25	-0.30	6.75	479.276	-4.00	7.31	478.901	-66.67						
-7.04	478.957	-66.67	-6.75	479.153	-4.00	1280	+	0.00	8397260.62	313316.56	479.42	479.28	-0.14	6.75	479.153	-4.00	6.94	479.026	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.93	478.908	-66.67	-6.75	479.030	-4.00	1281	+	0.00	8397279.90	313311.25	479.30	479.26	-0.05	6.75	479.030	-4.00	6.77	479.017	-66.67						
-6.92	478.795	-66.67	-6.75	478.907	-4.00	1282	+	0.00	8397299.18	313305.93	479.18	479.02	-0.16	6.75	478.907	-4.00	6.77	478.928	100.00						
-7.09	478.558	-66.67	-6.75	478.784	-4.00	1283	+	0.00	8397318.46	313300.61	479.05	478.70	-0.36	6.75	478.908	-2.16	6.82	478.864	-66.67						
-7.37	478.246	-66.67	-6.75	478.661	-4.00	1284	+	0.00	8397337.74	313295.29	478.93	478.42	-0.51	6.75	478.915	-0.23	7.22	478.605	-66.67						
-7.36	478.239	-66.67	-6.75	478.646	-4.00	1284	+	2.34	8397340.00	313294.67	478.92	478.41	-0.51	6.75	478.916	0.00	7.40	478.482	-66.67						
-7.46	478.067	-66.67	-6.75	478.538	-4.00	1285	+	0.00	8397357.01	313289.94	478.81	478.21	-0.60	6.75	478.923	1.71	7.72	478.277	-66.67						
-7.53	477.895	-66.67	-6.75	478.415	-4.00	1286	+	0.00	8397376.22	313284.37	478.69	478.10	-0.59	6.75	478.930	3.64	8.32	477.887	-66.67						
-7.28	477.883	-66.67	-6.75	478.239	-5.57	1287	+	0.00	8397395.28	313278.31	478.62	477.88	-0.74	6.75	478.992	5.57	8.23	478.005	-66.67						
-7.28	477.870	-66.67	-6.75	478.223	-5.80	1287	+	2.34	8397397.50	313277.56	478.61	477.85	-0.76	6.75	479.006	5.80	8.28	477.988	-66.67						
-7.20	477.962	-66.67	-6.75	478.262	-5.80	1288	+	0.00	8397414.10	313271.56	478.65	477.81	-0.84	6.75	479.045	5.80	9.01	477.536	-66.67						
-6.96	478.271	-66.67	-6.75	478.408	-5.80	1289	+	0.00	8397432.64	313264.06	478.80	478.15	-0.65	6.75	479.191	5.80	7.45	478.723	-66.67						
-6.80	478.574	-66.67	-6.75	478.609	-5.80	1290	+	0.00	8397450.87	313255.82	479.00	478.55	-0.45	6.75	479.392	5.80	7.45	478.926	-66.67						
-6.96	479.020	100.00	-6.75	478.809	-5.80	1291	+	0.00	8397468.75	313246.86	479.20	479.11	-0.09	6.75	479.592	5.80	7.21	479.286	-66.67						
-7.04	479.183	100.00	-6.75	478.891	-5.80	1291	+	8.27	8397475.99	313242.87	479.28	479.25	-0.03	6.75	479.674	5.80	7.21	479.370	-66.67						
-7.03	479.285	100.00	-6.75	479.009	-5.80	1292	+	0.00	8397486.25	313237.20	479.40	479.23	-0.17	6.75	479.792	5.80	7.31	479.417	-66.67						
-6.95	479.079	-66.67	-6.75	479.209	-5.80	1293	+	0.00	8397503.36	313226.84	479.60	479.24	-0.36	6.75	479.992	5.80	7.69	479.365	-66.67						
-7.44	478.951	-66.67	-6.75	479.409	-5.80	1294	+	0.00	8397520.04	313215.80	479.80	478.77	-1.03	6.75	480.192	5.80	8.46	479.051	-66.67						
-8.00	478.778	-66.67	-6.75	479.609	-5.80	1295	+	0.00	8397536.26	313204.11	480.00	478.65	-1.35	6.75	480.392	5.80	9.12	478.815	-66.67						
-8.26	478.729	-66.67	-6.75	479.733	-5.80	1295	+	14.20	8397547.49	313195.42	480.12	478.33	-1.80	6.75	480.516	5.80	9.73	478.530	-66.67						
-8.46	478.674	-66.67	-6.75	479.812	-5.24	1296	+	0.00	8397552.01	313191.78	480.17	478.52	-1.64	6.75	480.519	5.24	9.39	478.760	-66.67						
-8.71	478.686	-66.67	-6.75	479.991	-4.00	1297	+	0.00	8397567.31	313178.90	480.26	478.65	-1.61	6.75	480.484	3.31	8.91	479.042	-66.67						
-8.48	478.864	-66.67	-6.75	480.017	-4.00	1298	+	0.00	8397582.31	313165.67	480.29	478.88	-1.41	6.75	480.379	1.37	8.67	479.099	-66.67						
-8.33	478.940	-66.67	-6.75	479.993	-4.00	1298	+	14.20	8397592.87	313156.19	480.26	479.07	-1.19	6.75	480.263	0.00	8.48	479.110	-66.67						
-8.28	478.956	-66.67	-6.75	479.973	-4.00	1299	+	0.00	8397597.18	313152.31	480.24	479.12	-1.12	6.75	480.205	-0.56	8.47	479.060	-66.67						
-8.04	479.002	-66.67	-6.75	479.860	-4.00	1300	+	0.00	8397612.05	313138.93	480.13	479.15	-0.98	6.75	479.962	-2.49	8.03	479.110	-66.67						
-7.66	479.106	-66.67	-6.75	479.712	-4.00	1301	+	0.00	8397626.91	313125.54	479.98	479.20	-0.78	6.75	479.712	-4.00	7.57	479.163	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.65	478.963	-66.67	-6.75	479.564	-4.00	1302	+	0.00	8397641.78	313112.16	479.83	478.95	-0.88	6.75	479.564	-4.00	7.82	478.848	-66.67						
-7.71	478.778	-66.67	-6.75	479.416	-4.00	1303	+	0.00	8397656.64	313098.78	479.69	478.60	-1.09	6.75	479.416	-4.00	8.26	478.407	-66.67						
-8.09	478.373	-66.67	-6.75	479.268	-4.00	1304	+	0.00	8397671.51	313085.40	479.54	478.31	-1.23	6.75	479.268	-4.00	8.63	478.015	-66.67						
-8.32	478.077	-66.67	-6.75	479.120	-4.00	1305	+	0.00	8397686.37	313072.02	479.39	477.98	-1.41	6.75	479.120	-4.00	9.08	477.569	-66.67						
-8.63	477.717	-66.67	-6.75	478.972	-4.00	1306	+	0.00	8397701.24	313058.64	479.24	477.63	-1.62	6.75	478.972	-4.00	9.30	477.275	-66.67						
-9.02	477.310	-66.67	-6.75	478.824	-4.00	1307	+	0.00	8397716.10	313045.26	479.09	477.05	-2.04	6.75	478.824	-4.00	9.36	477.085	-66.67						
-9.14	477.089	-66.67	-6.75	478.682	-4.00	1308	+	0.00	8397730.97	313031.88	478.95	476.93	-2.02	6.75	478.682	-4.00	9.28	476.993	-66.67						
-8.88	477.165	-66.67	-6.75	478.584	-4.00	1309	+	0.00	8397745.83	313018.50	478.85	476.95	-1.91	6.75	478.584	-4.00	8.93	477.132	-66.67						
-8.65	477.271	-66.67	-6.75	478.536	-4.00	1310	+	0.00	8397760.70	313005.12	478.81	477.18	-1.63	6.75	478.536	-4.00	8.79	477.175	-66.67						
-8.05	477.674	-66.67	-6.75	478.538	-4.00	1311	+	0.00	8397775.56	312991.74	478.81	477.46	-1.35	6.75	478.538	-4.00	8.44	477.414	-66.67						
-7.60	478.026	-66.67	-6.75	478.590	-4.00	1312	+	0.00	8397790.43	312978.36	478.86	478.01	-0.86	6.75	478.590	-4.00	8.00	477.756	-66.67						
-7.42	478.241	-66.67	-6.75	478.686	-4.00	1313	+	0.00	8397805.30	312964.98	478.96	478.20	-0.76	6.75	478.686	-4.00	7.66	478.077	-66.67						
-7.38	478.371	-66.67	-6.75	478.788	-4.00	1314	+	0.00	8397820.16	312951.60	479.06	478.29	-0.76	6.75	478.788	-4.00	7.23	478.470	-66.67						
-7.42	478.443	-66.67	-6.75	478.891	-4.00	1315	+	0.00	8397835.03	312938.22	479.16	478.31	-0.85	6.75	478.891	-4.00	7.22	478.578	-66.67						
-7.71	478.355	-66.67	-6.75	478.993	-4.00	1316	+	0.00	8397849.89	312924.84	479.26	478.17	-1.10	6.75	478.993	-4.00	7.57	478.445	-66.67						
-8.35	478.029	-66.67	-6.75	479.095	-4.00	1317	+	0.00	8397864.76	312911.46	479.37	477.95	-1.41	6.75	479.095	-4.00	8.08	478.206	-66.67						
-8.69	477.907	-66.67	-6.75	479.197	-4.00	1318	+	0.00	8397879.62	312898.08	479.47	477.81	-1.66	6.75	479.197	-4.00	8.42	478.082	-66.67						
-9.36	477.558	-66.67	-6.75	479.299	-4.00	1319	+	0.00	8397894.49	312884.70	479.57	477.50	-2.07	6.75	479.299	-4.00	8.83	477.916	-66.67						
-9.25	477.733	-66.67	-6.75	479.401	-4.00	1320	+	0.00	8397909.35	312871.32	479.67	477.49	-2.18	6.75	479.401	-4.00	9.01	477.892	-66.67						
-9.23	477.840	-66.67	-6.75	479.491	-4.00	1321	+	0.00	8397924.22	312857.94	479.76	477.78	-1.98	6.75	479.491	-4.00	8.86	478.082	-66.67						
-9.17	477.942	-66.67	-6.75	479.558	-4.00	1322	+	0.00	8397939.08	312844.56	479.83	477.91	-1.91	6.75	479.558	-4.00	8.74	478.233	-66.67						
-9.24	477.939	-66.67	-6.75	479.601	-4.00	1323	+	0.00	8397953.95	312831.18	479.87	477.99	-1.88	6.75	479.601	-4.00	8.66	478.325	-66.67						
-9.17	478.006	-66.67	-6.75	479.620	-4.00	1324	+	0.00	8397968.81	312817.80	479.89	477.95	-1.94	6.75	479.620	-4.00	8.84	478.224	-66.67						
-9.13	478.027	-66.67	-6.75	479.615	-4.00	1325	+	0.00	8397983.68	312804.42	479.89	477.96	-1.93	6.75	479.615	-4.00	8.81	478.244	-66.67						
-9.00	478.089	-66.67	-6.75	479.587	-4.00	1326	+	0.00	8397998.54	312791.04	479.86	478.03	-1.83	6.75	479.587	-4.00	8.81	478.215	-66.67						
-8.94	478.079	-66.67	-6.75	479.535	-4.00	1327	+	0.00	8398013.41	312777.66	479.81	477.87	-1.93	6.75	479.535	-4.00	8.72	478.223	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-9.38	477.706	-66.67	-6.75	479.459	-4.00	1328	+	0.00	8398028.27	312764.28	479.73	477.82	-1.91	6.75	479.459	-4.00	8.84	478.064	-66.67						
-9.63	477.438	-66.67	-6.75	479.360	-4.00	1329	+	0.00	8398043.14	312750.90	479.63	477.60	-2.03	6.75	479.360	-4.00	9.13	477.771	-66.67						
-9.99	477.076	-66.67	-6.75	479.237	-4.00	1330	+	0.00	8398058.00	312737.52	479.51	477.23	-2.28	6.75	479.237	-4.00	9.55	477.369	-66.67						
-10.32	476.719	-66.67	-6.75	479.102	-4.00	1331	+	0.00	8398072.87	312724.14	479.37	476.84	-2.53	6.75	479.102	-4.00	9.75	477.099	-66.67						
-10.57	476.423	-66.67	-6.75	478.967	-4.00	1332	+	0.00	8398087.73	312710.76	479.24	476.58	-2.66	6.75	478.967	-4.00	9.78	476.948	-66.67						
-10.46	476.359	-66.67	-6.75	478.832	-4.00	1333	+	0.00	8398102.60	312697.38	479.10	476.62	-2.48	6.75	478.832	-4.00	9.61	476.926	-66.67						
-10.12	476.451	-66.67	-6.75	478.697	-4.00	1334	+	0.00	8398117.46	312684.00	478.97	476.71	-2.26	6.75	478.697	-4.00	9.20	477.063	-66.67						
-9.54	476.702	-66.67	-6.75	478.562	-4.00	1335	+	0.00	8398132.33	312670.62	478.83	476.90	-1.93	6.75	478.562	-4.00	8.76	477.221	-66.67						
-8.84	477.031	-66.67	-6.75	478.427	-4.00	1336	+	0.00	8398147.19	312657.24	478.70	477.16	-1.54	6.75	478.427	-4.00	8.17	477.483	-66.67						
-7.93	477.503	-66.67	-6.75	478.292	-4.00	1337	+	0.00	8398162.06	312643.86	478.56	477.67	-0.89	6.75	478.292	-4.00	7.56	477.751	-66.67						
-7.15	477.887	-66.67	-6.75	478.157	-4.00	1338	+	0.00	8398176.92	312630.48	478.43	477.99	-0.44	6.75	478.157	-4.00	6.85	478.088	-66.67						
-6.82	478.096	100.00	-6.75	478.022	-4.00	1339	+	0.00	8398191.79	312617.10	478.29	477.99	-0.30	6.75	478.022	-4.00	6.83	477.971	-66.67						
-6.92	478.054	100.00	-6.75	477.887	-4.00	1340	+	0.00	8398206.65	312603.72	478.16	477.82	-0.33	6.75	477.887	-4.00	7.29	477.530	-66.67						
-7.39	477.326	-66.67	-6.75	477.752	-4.00	1341	+	0.00	8398221.52	312590.34	478.02	477.24	-0.78	6.75	477.752	-4.00	7.69	477.124	-66.67						
-8.00	476.783	-66.67	-6.75	477.617	-4.00	1342	+	0.00	8398236.38	312576.96	477.89	476.74	-1.15	6.75	477.617	-4.00	8.03	476.766	-66.67						
-8.01	476.648	-66.67	-6.75	477.488	-4.00	1343	+	0.00	8398251.25	312563.58	477.76	476.57	-1.19	6.75	477.488	-4.00	8.02	476.642	-66.67						
-8.07	476.523	-66.67	-6.75	477.402	-4.00	1344	+	0.00	8398266.11	312550.20	477.67	476.44	-1.23	6.75	477.402	-4.00	7.92	476.623	-66.67						
-7.97	476.551	-66.67	-6.75	477.366	-4.00	1345	+	0.00	8398280.98	312536.82	477.64	476.55	-1.09	6.75	477.366	-4.00	7.78	476.679	-66.67						
-8.14	476.454	-66.67	-6.75	477.379	-4.00	1346	+	0.00	8398295.84	312523.44	477.65	476.45	-1.20	6.75	477.379	-4.00	7.59	476.822	-66.67						
-8.27	476.425	-66.67	-6.75	477.442	-4.00	1347	+	0.00	8398310.71	312510.06	477.71	476.50	-1.21	6.75	477.442	-4.00	7.45	476.977	-66.67						
-8.04	476.688	-66.67	-6.75	477.547	-4.00	1348	+	0.00	8398325.57	312496.67	477.82	476.69	-1.13	6.75	477.547	-4.00	7.40	477.115	-66.67						
-7.98	476.842	-66.67	-6.75	477.659	-4.00	1349	+	0.00	8398340.44	312483.29	477.93	476.65	-1.28	6.75	477.659	-4.00	7.30	477.296	-66.67						
-7.75	477.102	-66.67	-6.75	477.771	-4.00	1350	+	0.00	8398355.30	312469.91	478.04	477.22	-0.82	6.75	477.771	-4.00	7.35	477.368	-66.67						
-7.74	477.226	-66.67	-6.75	477.883	-4.00	1351	+	0.00	8398370.17	312456.53	478.15	477.43	-0.72	6.75	477.883	-4.00	7.29	477.524	-66.67						
-7.49	477.501	-66.67	-6.75	477.995	-4.00	1352	+	0.00	8398385.03	312443.15	478.27	477.57	-0.69	6.75	477.995	-4.00	7.32	477.618	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																									
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO											
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																									
-7.42	477.660	-66.67	-6.75	478.107	-4.00	1353	+	0.00	8398399.90	312429.77	478.38	477.68	-0.70	6.75	478.107	-4.00	7.42	477.662	-66.67						
-7.73	477.565	-66.67	-6.75	478.219	-4.00	1354	+	0.00	8398414.76	312416.39	478.49	477.61	-0.88	6.75	478.219	-4.00	7.76	477.547	-66.67						
-8.19	477.368	-66.67	-6.75	478.331	-4.00	1355	+	0.00	8398429.63	312403.01	478.60	477.44	-1.16	6.75	478.331	-4.00	8.66	477.056	-66.67						
-8.61	477.202	-66.67	-6.75	478.443	-4.00	1356	+	0.00	8398444.49	312389.63	478.71	477.22	-1.49	6.75	478.443	-4.00	9.05	476.912	-66.67						
-9.16	476.946	-66.67	-6.75	478.555	-4.00	1357	+	0.00	8398459.36	312376.25	478.83	476.98	-1.85	6.75	478.555	-4.00	9.47	476.744	-66.67						
-9.63	476.745	-66.67	-6.75	478.667	-4.00	1358	+	0.00	8398474.22	312362.87	478.94	476.63	-2.31	6.75	478.667	-4.00	9.84	476.604	-66.67						
-10.46	476.309	-66.67	-6.75	478.779	-4.00	1359	+	0.00	8398489.09	312349.49	479.05	476.33	-2.72	6.75	478.779	-4.00	10.54	476.254	-66.67						
-11.54	475.701	-66.67	-6.75	478.891	-4.00	1360	+	0.00	8398503.95	312336.11	479.16	476.09	-3.07	6.75	478.891	-4.00	10.90	476.124	-66.67						
-11.78	475.646	-66.67	-6.75	479.002	-4.00	1361	+	0.00	8398518.82	312322.73	479.27	476.02	-3.25	6.75	479.002	-4.00	11.52	475.825	-66.67						
-11.87	475.700	-66.67	-6.75	479.114	-4.00	1362	+	0.00	8398533.68	312309.35	479.38	476.07	-3.32	6.75	479.114	-4.00	11.74	475.787	-66.67						
-11.79	475.867	-66.67	-6.75	479.226	-4.00	1363	+	0.00	8398548.55	312295.97	479.50	476.07	-3.42	6.75	479.226	-4.00	11.42	476.117	-66.67						
-11.42	476.222	-66.67	-6.75	479.338	-4.00	1364	+	0.00	8398563.41	312282.59	479.61	476.44	-3.17	6.75	479.338	-4.00	11.23	476.354	-66.67						
-10.92	476.625	-66.67	-6.75	479.408	-4.00	1365	+	0.00	8398578.28	312269.21	479.68	476.76	-2.92	6.75	479.408	-4.00	10.83	476.686	-66.67						
-10.19	477.099	-66.67	-6.75	479.393	-4.00	1366	+	0.00	8398593.14	312255.83	479.66	477.13	-2.54	6.75	479.409	-3.76	10.17	477.130	-66.67						
-9.27	477.617	-66.67	-6.75	479.294	-4.00	1367	+	0.00	8398608.01	312242.45	479.56	477.65	-1.91	6.75	479.487	-1.13	9.89	477.394	-66.67						
-8.65	477.845	-66.67	-6.75	479.109	-4.00	1368	+	0.00	8398622.87	312229.07	479.38	477.74	-1.64	6.75	479.480	1.49	9.69	477.519	-66.67						
-8.67	477.813	-66.67	-6.75	479.093	-4.00	1368	+	1.42	8398623.92	312228.12	479.36	477.73	-1.64	6.75	479.477	1.68	9.69	477.520	-66.67						
-8.62	477.588	-66.67	-6.75	478.833	-4.12	1369	+	0.00	8398637.58	312215.52	479.11	477.61	-1.50	6.75	479.389	4.12	9.76	477.383	-66.67						
-8.23	477.490	-66.67	-6.75	478.474	-4.20	1370	+	0.00	8398651.93	312201.58	478.76	477.47	-1.29	6.75	479.041	4.20	9.31	477.335	-66.67						
-8.57	477.134	-66.67	-6.75	478.346	-4.20	1370	+	6.29	8398656.32	312197.08	478.63	477.44	-1.19	6.75	478.913	4.20	9.32	477.198	-66.67						
-7.55	477.506	-66.67	-6.75	478.037	-4.20	1371	+	0.00	8398665.89	312187.27	478.32	477.38	-0.94	6.75	478.604	4.20	8.79	477.243	-66.67						
-7.27	477.221	-66.67	-6.75	477.570	-4.00	1372	+	0.00	8398679.47	312172.59	477.84	477.13	-0.71	6.75	478.052	3.15	8.19	477.090	-66.67						
-6.93	477.186	-66.67	-6.75	477.302	-4.00	1372	+	11.17	8398686.88	312164.24	477.57	477.02	-0.56	6.75	477.685	1.68	7.78	476.998	-66.67						
-7.09	476.866	-66.67	-6.75	477.090	-4.00	1373	+	0.00	8398692.70	312157.58	477.36	476.89	-0.47	6.75	477.395	0.52	7.64	476.803	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.81	476.570	-66.67	-6.75	476.610	-4.00	1374	+	0.00	8398705.86	312142.53	476.88	476.55	-0.33	6.75	476.738	-2.10	7.30	476.375	-66.67						
-6.78	476.156	100.00	-6.75	476.130	-4.00	1375	+	0.00	8398719.02	312127.47	476.40	476.24	-0.16	6.75	476.130	-4.00	6.79	476.173	100.00						
-6.89	475.556	-66.67	-6.75	475.650	-4.00	1376	+	0.00	8398732.18	312112.41	475.92	475.94	0.02	6.75	475.650	-4.00	7.17	476.068	100.00						
-6.87	475.327	100.00	-6.75	475.210	-4.00	1377	+	0.00	8398745.34	312097.35	475.48	475.51	0.03	6.75	475.210	-4.00	7.09	475.550	100.00						
-7.18	474.562	-66.67	-6.75	474.850	-4.00	1378	+	0.00	8398758.51	312082.29	475.12	474.80	-0.32	6.75	474.850	-4.00	6.81	474.908	100.00						
-8.45	473.485	-66.67	-6.75	474.619	-3.27	1379	+	0.00	8398771.67	312067.23	474.84	474.09	-0.75	6.75	474.570	-4.00	7.60	474.003	-66.67						
-9.66	472.608	-66.67	-6.75	474.550	-1.34	1380	+	0.00	8398784.83	312052.17	474.64	473.63	-1.01	6.75	474.370	-4.00	9.07	472.824	-66.67						
-9.59	472.655	-66.67	-6.75	474.548	0.00	1380	+	13.84	8398793.93	312041.75	474.55	473.54	-1.01	6.75	474.278	-4.00	8.81	472.904	-66.67						
-9.31	472.851	-66.67	-6.75	474.560	0.60	1381	+	0.00	8398797.99	312037.11	474.52	473.56	-0.96	6.75	474.250	-4.00	8.73	472.932	-66.67						
-8.80	473.283	-66.67	-6.75	474.651	2.53	1382	+	0.00	8398811.23	312022.12	474.48	473.41	-1.08	6.75	474.210	-4.00	8.14	473.282	-66.67						
-8.81	473.450	-66.67	-6.75	474.821	4.46	1383	+	0.00	8398824.72	312007.36	474.52	473.61	-0.91	6.75	474.219	-4.46	7.64	473.627	-66.67						
-9.14	473.395	-66.67	-6.75	474.986	5.80	1383	+	13.84	8398834.31	311997.38	474.59	473.70	-0.89	6.75	474.203	-5.80	7.30	473.836	-66.67						
-9.31	473.323	-66.67	-6.75	475.032	5.80	1384	+	0.00	8398838.66	311993.02	474.64	473.76	-0.88	6.75	474.249	-5.80	7.33	473.864	-66.67						
-8.73	473.874	-66.67	-6.75	475.192	5.80	1385	+	0.00	8398853.15	311979.24	474.80	474.05	-0.75	6.75	474.409	-5.80	7.32	474.026	-66.67						
-8.48	474.196	-66.67	-6.75	475.352	5.80	1386	+	0.00	8398868.19	311966.05	474.96	474.26	-0.70	6.75	474.569	-5.80	7.88	473.814	-66.67						
-8.55	474.311	-66.67	-6.75	475.512	5.80	1387	+	0.00	8398883.73	311953.47	475.12	474.26	-0.86	6.75	474.729	-5.80	7.88	473.976	-66.67						
-8.40	474.470	-66.67	-6.75	475.571	5.80	1387	+	7.42	8398889.68	311949.04	475.18	474.36	-0.82	6.75	474.788	-5.80	7.99	473.959	-66.67						
-7.99	474.839	-66.67	-6.75	475.668	5.80	1388	+	0.00	8398899.77	311941.52	475.28	474.46	-0.82	6.75	474.885	-5.80	8.19	473.924	-66.67						
-7.78	475.113	-66.67	-6.75	475.801	5.80	1389	+	0.00	8398916.27	311930.23	475.41	474.77	-0.64	6.75	475.018	-5.80	7.56	474.481	-66.67						
-7.25	475.574	-66.67	-6.75	475.907	5.80	1390	+	0.00	8398933.22	311919.60	475.52	475.09	-0.43	6.75	475.124	-5.80	7.33	474.737	-66.67						
-7.22	475.672	-66.67	-6.75	475.985	5.80	1391	+	0.00	8398950.57	311909.66	475.59	475.19	-0.40	6.75	475.202	-5.80	7.07	474.986	-66.67						
-7.20	475.690	-66.67	-6.75	475.988	5.80	1391	+	1.00	8398951.45	311909.18	475.60	475.20	-0.40	6.75	475.205	-5.80	7.15	474.941	-66.67						
-7.31	475.539	-66.67	-6.75	475.912	3.96	1392	+	0.00	8398968.29	311900.39	475.65	475.31	-0.34	6.75	475.375	-4.00	7.44	474.913	-66.67						
-7.33	475.422	-66.67	-6.75	475.806	2.03	1393	+	0.00	8398986.26	311891.60	475.67	474.99	-0.68	6.75	475.399	-4.00	7.64	474.807	-66.67						
-7.19	475.380	-66.67	-6.75	475.672	0.10	1394	+	0.00	8399004.34	311883.07	475.67	474.96	-0.71	6.75	475.395	-4.00	8.03	474.541	-66.67						
-7.14	475.405	-66.67	-6.75	475.665	0.00	1394	+	1.00	8399005.25	311882.64	475.67	474.96	-0.70	6.75	475.395	-4.00	7.98	474.578	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.15	475.247	-66.67	-6.75	475.511	-1.84	1395	+	0.00	8399022.45	311874.58	475.64	474.86	-0.77	6.75	475.365	-4.00	7.90	474.599	-66.67						
-7.16	475.050	-66.67	-6.75	475.323	-3.77	1396	+	0.00	8399040.56	311866.10	475.58	474.62	-0.96	6.75	475.307	-4.00	8.03	474.455	-66.67						
-6.82	475.178	-66.67	-6.75	475.223	-4.00	1397	+	0.00	8399058.67	311857.61	475.49	474.71	-0.78	6.75	475.223	-4.00	8.06	474.352	-66.67						
-6.81	475.174	100.00	-6.75	475.114	-4.00	1398	+	0.00	8399076.79	311849.12	475.38	474.72	-0.66	6.75	475.114	-4.00	7.66	474.510	-66.67						
-7.24	475.494	100.00	-6.75	475.002	-4.00	1399	+	0.00	8399094.90	311840.64	475.27	475.09	-0.18	6.75	475.002	-4.00	7.00	474.838	-66.67						
-7.30	475.436	100.00	-6.75	474.890	-4.00	1400	+	0.00	8399113.01	311832.15	475.16	475.27	0.11	6.75	474.890	-4.00	6.94	475.077	100.00						
-7.46	475.492	100.00	-6.75	474.778	-4.00	1401	+	0.00	8399131.12	311823.66	475.05	475.22	0.18	6.75	474.778	-4.00	7.09	475.119	100.00						
-7.43	475.344	100.00	-6.75	474.666	-4.00	1402	+	0.00	8399149.23	311815.18	474.94	474.97	0.03	6.75	474.666	-4.00	6.93	474.844	100.00						
-7.19	474.999	100.00	-6.75	474.559	-4.00	1403	+	0.00	8399167.34	311806.69	474.83	474.65	-0.18	6.75	474.559	-4.00	6.85	474.659	100.00						
-6.96	474.704	100.00	-6.75	474.491	-4.00	1404	+	0.00	8399185.45	311798.20	474.76	474.48	-0.28	6.75	474.491	-4.00	6.99	474.335	-66.67						
-6.99	474.309	-66.67	-6.75	474.467	-4.00	1405	+	0.00	8399203.56	311789.72	474.74	474.30	-0.44	6.75	474.467	-4.00	7.09	474.239	-66.67						
-7.22	474.175	-66.67	-6.75	474.486	-4.00	1406	+	0.00	8399221.67	311781.23	474.76	474.33	-0.43	6.75	474.486	-4.00	7.30	474.121	-66.67						
-7.35	474.150	-66.67	-6.75	474.549	-4.00	1407	+	0.00	8399239.78	311772.75	474.82	474.35	-0.47	6.75	474.549	-4.00	7.47	474.069	-66.67						
-7.25	474.315	-66.67	-6.75	474.650	-4.00	1408	+	0.00	8399257.89	311764.26	474.92	474.37	-0.55	6.75	474.650	-4.00	7.14	474.388	-66.67						
-6.78	474.791	100.00	-6.75	474.757	-4.00	1409	+	0.00	8399276.00	311755.77	475.03	474.74	-0.29	6.75	474.757	-4.00	6.89	474.663	-66.67						
-7.15	475.260	100.00	-6.75	474.863	-4.00	1410	+	0.00	8399294.11	311747.29	475.13	475.07	-0.06	6.75	474.863	-4.00	6.93	475.044	100.00						
-7.79	476.013	100.00	-6.75	474.970	-4.00	1411	+	0.00	8399312.22	311738.80	475.24	475.51	0.27	6.75	474.970	-4.00	7.28	475.502	100.00						
-8.01	476.333	100.00	-6.75	475.077	-4.00	1412	+	0.00	8399330.33	311730.31	475.35	475.97	0.63	6.75	475.077	-4.00	7.66	475.982	100.00						
-8.35	476.785	100.00	-6.75	475.183	-4.00	1413	+	0.00	8399348.44	311721.83	475.45	476.43	0.98	6.75	475.183	-4.00	7.88	476.311	100.00						
-8.43	476.969	100.00	-6.75	475.290	-4.00	1414	+	0.00	8399366.55	311713.34	475.56	476.76	1.20	6.75	475.290	-4.00	7.86	476.399	100.00						
-8.25	476.900	100.00	-6.75	475.397	-4.00	1415	+	0.00	8399384.66	311704.85	475.67	476.85	1.18	6.75	475.397	-4.00	7.97	476.616	100.00						
-8.17	476.919	100.00	-6.75	475.503	-4.00	1416	+	0.00	8399402.77	311696.37	475.77	476.74	0.96	6.75	475.503	-4.00	7.84	476.590	100.00						
-7.85	476.707	100.00	-6.75	475.610	-4.00	1417	+	0.00	8399420.88	311687.88	475.88	476.71	0.83	6.75	475.610	-4.00	7.50	476.364	100.00						
-7.57	476.532	100.00	-6.75	475.717	-4.00	1418	+	0.00	8399438.99	311679.40	475.99	476.72	0.73	6.75	475.717	-4.00	7.57	476.539	100.00						
-7.44	476.517	100.00	-6.75	475.823	-4.00	1419	+	0.00	8399457.10	311670.91	476.09	476.75	0.65	6.75	475.823	-4.00	7.53	476.599	100.00						
-7.15	476.330	100.00	-6.75	475.930	-4.00	1420	+	0.00	8399475.21	311662.42	476.20	476.50	0.30	6.75	475.930	-4.00	7.31	476.488	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.82	476.106	100.00	-6.75	476.037	-4.00	1421	+	0.00	8399493.32	311653.94	476.31	476.33	0.03	6.75	476.037	-4.00	7.05	476.339	100.00						
-7.06	475.938	-66.67	-6.75	476.143	-4.00	1422	+	0.00	8399511.43	311645.45	476.41	476.27	-0.15	6.75	476.143	-4.00	6.81	476.202	100.00						
-6.81	476.209	-66.67	-6.75	476.250	-4.00	1423	+	0.00	8399529.54	311636.96	476.52	476.05	-0.47	6.75	476.250	-4.00	7.15	475.981	-66.67						
-8.16	475.419	-66.67	-6.75	476.357	-4.00	1424	+	0.00	8399547.65	311628.48	476.63	475.71	-0.92	6.75	476.357	-4.00	7.66	475.750	-66.67						
-8.48	475.310	-66.67	-6.75	476.463	-4.00	1425	+	0.00	8399565.76	311619.99	476.73	475.55	-1.18	6.75	476.463	-4.00	8.24	475.469	-66.67						
-8.74	475.242	-66.67	-6.75	476.570	-4.00	1426	+	0.00	8399583.87	311611.50	476.84	475.45	-1.39	6.75	476.647	-2.86	8.61	475.406	-66.67						
-9.14	475.081	-66.67	-6.75	476.677	-4.00	1427	+	0.00	8399601.98	311603.02	476.95	475.46	-1.49	6.75	476.935	-0.18	9.51	475.095	-66.67						
-9.03	475.240	-66.67	-6.75	476.758	-4.00	1427	+	15.33	8399615.86	311596.51	477.03	475.54	-1.49	6.75	477.155	1.88	9.37	475.411	-66.67						
-8.89	475.360	-66.67	-6.75	476.783	-4.00	1428	+	0.00	8399620.09	311594.52	477.05	475.56	-1.50	6.75	477.223	2.51	9.49	475.399	-66.67						
-8.65	475.578	-66.67	-6.75	476.843	-4.70	1429	+	0.00	8399638.00	311585.62	477.16	475.66	-1.50	6.75	477.477	4.70	9.97	475.329	-66.67						
-8.06	476.079	-66.67	-6.75	476.949	-4.70	1430	+	0.00	8399655.63	311576.18	477.27	475.86	-1.41	6.75	477.584	4.70	9.27	475.906	-66.67						
-7.51	476.547	-66.67	-6.75	477.056	-4.70	1431	+	0.00	8399672.96	311566.21	477.37	475.99	-1.39	6.75	477.691	4.70	9.18	476.072	-66.67						
-7.58	476.563	-66.67	-6.75	477.113	-4.70	1431	+	10.74	8399682.10	311560.56	477.43	476.31	-1.12	6.75	477.748	4.70	8.96	476.277	-66.67						
-7.50	476.664	-66.67	-6.75	477.163	-4.70	1432	+	0.00	8399689.98	311555.70	477.48	476.45	-1.03	6.75	477.797	4.70	8.97	476.317	-66.67						
-7.19	476.975	-66.67	-6.75	477.269	-4.70	1433	+	0.00	8399706.67	311544.68	477.59	476.79	-0.79	6.75	477.904	4.70	8.53	476.714	-66.67						
-7.01	477.206	-66.67	-6.75	477.376	-4.70	1434	+	0.00	8399723.01	311533.14	477.69	476.99	-0.70	6.75	478.011	4.70	8.26	477.002	-66.67						
-7.35	477.133	-66.67	-6.75	477.530	-4.00	1435	+	0.00	8399738.98	311521.11	477.80	477.18	-0.62	6.75	477.983	2.71	8.19	477.026	-66.67						
-7.35	477.160	-66.67	-6.75	477.563	-4.00	1435	+	6.16	8399743.82	311517.31	477.83	477.21	-0.63	6.75	477.960	1.88	8.02	477.114	-66.67						
-7.59	477.079	-66.67	-6.75	477.637	-4.00	1436	+	0.00	8399754.67	311508.71	477.91	477.22	-0.69	6.75	477.908	0.02	7.96	477.098	-66.67						
-7.73	477.089	-66.67	-6.75	477.743	-4.00	1437	+	0.00	8399770.35	311496.29	478.01	477.23	-0.78	6.75	477.833	-2.66	7.75	477.168	-66.67						
-7.70	477.219	-66.67	-6.75	477.850	-4.00	1438	+	0.00	8399786.02	311483.87	478.12	477.21	-0.91	6.75	477.880	-3.56	7.88	477.128	-66.67						
-8.13	477.035	-66.67	-6.75	477.956	-4.00	1439	+	0.00	8399801.69	311471.44	478.23	477.16	-1.06	6.75	478.213	-0.19	8.28	477.195	-66.67						
-8.09	477.071	-66.67	-6.75	477.962	-4.00	1439	+	1.14	8399802.59	311470.73	478.23	477.16	-1.07	6.75	478.232	0.00	8.29	477.204	-66.67						
-8.34	476.990	-66.67	-6.75	478.047	-4.00	1440	+	0.00	8399817.34	311458.98	478.32	477.02	-1.30	6.75	478.461	2.15	8.65	477.196	-66.67						
-8.72	476.774	-66.67	-6.75	478.088	-4.42	1441	+	0.00	8399832.77	311446.27	478.39	476.94	-1.44	6.75	478.685	4.42	9.27	477.006	-66.67						
-8.57	476.774	-66.67	-6.75	477.989	-6.60	1441	+	19.14	8399847.14	311433.63	478.43	476.90	-1.53	6.75	478.880	6.60	9.59	476.985	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.56	476.785	-66.67	-6.75	477.990	-6.60	1442	+	0.00	8399847.78	311433.04	478.44	476.91	-1.53	6.75	478.881	6.60	9.61	476.976	-66.67						
-8.94	476.557	-66.67	-6.75	478.019	-6.60	1443	+	0.00	8399862.14	311419.12	478.47	476.86	-1.61	6.75	478.910	6.60	9.65	476.976	-66.67						
-8.90	476.591	-66.67	-6.75	478.027	-6.60	1444	+	0.00	8399875.78	311404.50	478.47	476.91	-1.56	6.75	478.918	6.60	9.92	476.805	-66.67						
-8.41	476.909	-66.67	-6.75	478.014	-6.60	1445	+	0.00	8399888.68	311389.22	478.46	477.06	-1.40	6.75	478.905	6.60	9.55	477.038	-66.67						
-7.96	477.171	-66.67	-6.75	477.981	-6.60	1446	+	0.00	8399900.79	311373.31	478.43	477.32	-1.10	6.75	478.872	6.60	9.06	477.333	-66.67						
-7.12	477.684	-66.67	-6.75	477.927	-6.60	1447	+	0.00	8399912.10	311356.81	478.37	477.56	-0.81	6.75	478.818	6.60	8.43	477.700	-66.67						
-7.17	477.574	-66.67	-6.75	477.852	-6.60	1448	+	0.00	8399922.57	311339.78	478.30	477.75	-0.54	6.75	478.743	6.60	8.09	477.847	-66.67						
-6.86	477.866	100.00	-6.75	477.757	-6.60	1449	+	0.00	8399932.17	311322.23	478.20	477.97	-0.23	6.75	478.648	6.60	7.50	478.150	-66.67						
-7.22	478.169	100.00	-6.75	477.701	-6.60	1449	+	11.25	8399937.07	311312.11	478.15	478.05	-0.09	6.75	478.592	6.60	7.24	478.265	-66.67						
-7.45	478.352	100.00	-6.75	477.657	-6.60	1450	+	0.00	8399940.88	311304.23	478.10	478.09	-0.01	6.75	478.548	6.60	7.08	478.328	-66.67						
-7.63	478.433	100.00	-6.75	477.557	-6.60	1451	+	0.00	8399948.69	311285.82	478.00	478.37	0.37	6.75	478.448	6.60	6.81	478.410	-66.67						
-7.81	478.521	100.00	-6.75	477.457	-6.60	1452	+	0.00	8399955.56	311267.04	477.90	478.41	0.51	6.75	478.348	6.60	6.82	478.421	100.00						
-7.89	478.494	100.00	-6.75	477.357	-6.60	1453	+	0.00	8399961.49	311247.94	477.80	478.42	0.62	6.75	478.248	6.60	6.81	478.311	100.00						
-7.83	478.332	100.00	-6.75	477.256	-6.60	1454	+	0.00	8399966.45	311228.57	477.70	478.06	0.36	6.75	478.147	6.60	7.05	478.452	100.00						
-7.99	478.399	100.00	-6.75	477.156	-6.60	1455	+	0.00	8399970.44	311208.98	477.60	478.36	0.76	6.75	478.047	6.60	7.15	478.451	100.00						
-7.96	478.268	100.00	-6.75	477.056	-6.60	1456	+	0.00	8399973.45	311189.21	477.50	478.37	0.86	6.75	477.947	6.60	7.22	478.413	100.00						
-8.12	478.325	100.00	-6.75	476.956	-6.60	1457	+	0.00	8399975.46	311169.31	477.40	478.40	1.00	6.75	477.847	6.60	7.29	478.383	100.00						
-8.14	478.333	100.00	-6.75	476.939	-6.60	1457	+	3.36	8399975.71	311165.96	477.39	478.40	1.01	6.75	477.830	6.60	7.13	478.209	100.00						
-8.14	478.288	100.00	-6.75	476.900	-5.95	1458	+	0.00	8399976.52	311149.34	477.30	478.34	1.03	6.75	477.567	3.94	7.55	478.371	100.00						
-8.12	478.226	100.00	-6.75	476.853	-5.16	1459	+	0.00	8399976.85	311129.34	477.20	478.29	1.09	6.75	477.251	0.74	7.91	478.409	100.00						
-8.24	478.299	100.00	-6.75	476.805	-4.38	1460	+	0.00	8399976.82	311109.34	477.10	478.10	1.00	6.75	476.935	-2.46	7.84	478.023	100.00						
-8.22	478.275	100.00	-6.75	476.802	-4.32	1460	+	1.36	8399976.82	311107.98	477.09	478.08	0.99	6.75	476.913	-2.68	7.84	478.002	100.00						
-8.01	478.016	100.00	-6.75	476.757	-3.61	1461	+	0.00	8399976.72	311089.34	477.00	477.77	0.77	6.75	476.731	-4.00	7.91	477.893	100.00						
-7.62	477.708	100.00	-6.75	476.838	-0.92	1462	+	0.00	8399976.62	311069.34	476.90	477.50	0.60	6.75	476.631	-4.00	7.59	477.469	100.00						
-7.26	477.438	100.00	-6.75	476.925	1.76	1463	+	0.00	8399976.52	311049.34	476.81	477.17	0.36	6.75	476.536	-4.00	7.30	477.088	100.00						
-7.25	477.432	100.00	-6.75	476.929	1.88	1463	+	0.88	8399976.52	311048.47	476.80	477.15	0.35	6.75	476.532	-4.00	7.29	477.071	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.82	477.120	100.00	-6.75	477.048	4.45	1464	+	0.00	8399976.70	311029.34	476.75	476.88	0.13	6.75	476.448	-4.45	7.12	476.821	100.00						
-6.97	476.904	-66.67	-6.75	477.050	4.70	1465	+	0.00	8399977.50	311009.36	476.73	476.63	-0.10	6.75	476.415	-4.70	6.94	476.609	100.00						
-7.44	476.620	-66.67	-6.75	477.077	4.70	1466	+	0.00	8399978.91	310989.41	476.76	476.50	-0.26	6.75	476.442	-4.70	7.19	476.152	-66.67						
-7.49	476.589	-66.67	-6.75	477.085	4.70	1466	+	3.04	8399979.22	310986.39	476.77	476.47	-0.30	6.75	476.450	-4.70	7.11	476.209	-66.67						
-8.01	476.306	-66.67	-6.75	477.147	4.70	1467	+	0.00	8399980.93	310969.51	476.83	476.37	-0.45	6.75	476.512	-4.70	7.49	476.019	-66.67						
-8.25	476.255	-66.67	-6.75	477.253	4.70	1468	+	0.00	8399983.57	310949.69	476.94	476.32	-0.62	6.75	476.619	-4.70	7.56	476.079	-66.67						
-8.17	476.273	-66.67	-6.75	477.222	2.58	1469	+	0.00	8399986.81	310929.96	477.05	476.37	-0.68	6.75	476.778	-4.00	7.53	476.259	-66.67						
-8.08	476.315	-66.67	-6.75	477.204	1.88	1469	+	5.21	8399987.75	310924.83	477.08	476.38	-0.70	6.75	476.807	-4.00	7.60	476.239	-66.67						
-7.77	476.474	-66.67	-6.75	477.153	-0.11	1470	+	0.00	8399990.49	310910.30	477.16	476.52	-0.64	6.75	476.890	-4.00	7.74	476.229	-66.67						
-7.36	476.674	-66.67	-6.75	477.084	-2.79	1471	+	0.00	8399994.20	310890.64	477.27	476.56	-0.71	6.75	477.002	-4.00	7.41	476.564	-66.67						
-6.82	477.068	-66.67	-6.75	477.114	-4.00	1472	+	0.00	8399997.90	310870.99	477.38	476.64	-0.74	6.75	477.114	-4.00	7.36	476.705	-66.67						
-6.80	477.124	-66.67	-6.75	477.223	-4.00	1473	+	0.00	8400001.60	310851.34	477.49	477.02	-0.47	6.75	477.223	-4.00	7.06	477.017	-66.67						
-6.79	477.355	100.00	-6.75	477.313	-4.00	1474	+	0.00	8400005.31	310831.68	477.58	477.14	-0.44	6.75	477.313	-4.00	6.92	477.200	-66.67						
-6.87	477.305	-66.67	-6.75	477.382	-4.00	1475	+	0.00	8400009.01	310812.03	477.65	477.23	-0.42	6.75	477.382	-4.00	6.85	477.313	-66.67						
-6.93	477.307	-66.67	-6.75	477.428	-4.00	1476	+	0.00	8400012.71	310792.37	477.70	477.18	-0.52	6.75	477.428	-4.00	6.93	477.311	-66.67						
-7.21	477.148	-66.67	-6.75	477.452	-4.00	1477	+	0.00	8400016.42	310772.72	477.72	477.15	-0.57	6.75	477.452	-4.00	7.08	477.235	-66.67						
-7.32	477.075	-66.67	-6.75	477.454	-4.00	1478	+	0.00	8400020.12	310753.06	477.72	477.14	-0.58	6.75	477.454	-4.00	7.28	477.100	-66.67						
-7.57	476.887	-66.67	-6.75	477.435	-4.00	1479	+	0.00	8400023.83	310733.41	477.71	477.00	-0.71	6.75	477.435	-4.00	7.45	476.970	-66.67						
-7.38	476.972	-66.67	-6.75	477.394	-4.00	1480	+	0.00	8400027.53	310713.76	477.66	476.96	-0.71	6.75	477.394	-4.00	7.41	476.957	-66.67						
-7.66	476.723	-66.67	-6.75	477.330	-4.00	1481	+	0.00	8400031.23	310694.10	477.60	476.80	-0.80	6.75	477.330	-4.00	7.60	476.765	-66.67						
-7.78	476.559	-66.67	-6.75	477.245	-4.00	1482	+	0.00	8400034.94	310674.45	477.52	476.65	-0.87	6.75	477.245	-4.00	7.52	476.734	-66.67						
-7.79	476.444	-66.67	-6.75	477.140	-4.00	1483	+	0.00	8400038.64	310654.79	477.41	476.45	-0.96	6.75	477.140	-4.00	7.61	476.568	-66.67						
-7.98	476.211	-66.67	-6.75	477.033	-4.00	1484	+	0.00	8400042.34	310635.14	477.30	476.31	-1.00	6.75	477.033	-4.00	7.65	476.431	-66.67						
-7.95	476.126	-66.67	-6.75	476.926	-4.00	1485	+	0.00	8400046.05	310615.49	477.20	476.20	-0.99	6.75	476.926	-4.00	7.68	476.307	-66.67						
-7.87	476.074	-66.67	-6.75	476.819	-4.00	1486	+	0.00	8400049.75	310595.83	477.09	476.06	-1.03	6.75	476.819	-4.00	7.75	476.151	-66.67						
-7.85	475.978	-66.67	-6.75	476.712	-4.00	1487	+	0.00	8400053.46	310576.18	476.98	476.03	-0.95	6.75	476.712	-4.00	7.73	476.056	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.72	475.958	-66.67	-6.75	476.605	-4.00	1488	+	0.00	8400057.16	310556.52	476.88	476.07	-0.80	6.75	476.605	-4.00	7.36	476.200	-66.67						
-7.36	476.089	-66.67	-6.75	476.497	-4.00	1489	+	0.00	8400060.86	310536.87	476.77	476.11	-0.66	6.75	476.497	-4.00	7.32	476.119	-66.67						
-6.93	476.273	-66.67	-6.75	476.390	-4.00	1490	+	0.00	8400064.57	310517.22	476.66	476.10	-0.56	6.75	476.390	-4.00	7.08	476.171	-66.67						
-7.13	476.027	-66.67	-6.75	476.283	-4.00	1491	+	0.00	8400068.27	310497.56	476.55	476.01	-0.54	6.75	476.283	-4.00	7.04	476.090	-66.67						
-7.12	475.930	-66.67	-6.75	476.176	-4.00	1492	+	0.00	8400071.97	310477.91	476.45	475.95	-0.50	6.75	476.176	-4.00	7.35	475.779	-66.67						
-6.79	476.105	100.00	-6.75	476.069	-4.00	1493	+	0.00	8400075.68	310458.25	476.34	475.93	-0.41	6.75	476.069	-4.00	6.96	475.930	-66.67						
-6.85	476.057	100.00	-6.75	475.961	-4.00	1494	+	0.00	8400079.38	310438.60	476.23	475.88	-0.36	6.75	475.961	-4.00	6.84	475.902	-66.67						
-6.85	475.959	100.00	-6.75	475.855	-4.00	1495	+	0.00	8400083.09	310418.95	476.13	475.85	-0.28	6.75	475.855	-4.00	6.81	475.818	-66.67						
-6.81	475.842	100.00	-6.75	475.778	-4.00	1496	+	0.00	8400086.79	310399.29	476.05	475.87	-0.18	6.75	475.778	-4.00	6.83	475.854	100.00						
-6.84	475.828	100.00	-6.75	475.743	-4.00	1497	+	0.00	8400090.49	310379.64	476.01	475.88	-0.14	6.75	475.743	-4.00	6.83	475.819	100.00						
-6.86	475.864	100.00	-6.75	475.750	-4.00	1498	+	0.00	8400094.20	310359.98	476.02	475.88	-0.14	6.75	475.750	-4.00	6.88	475.663	-66.67						
-6.81	475.758	-66.67	-6.75	475.799	-4.00	1499	+	0.00	8400097.90	310340.33	476.07	475.89	-0.18	6.75	475.799	-4.00	7.08	475.580	-66.67						
-6.79	475.864	-66.67	-6.75	475.889	-4.00	1500	+	0.00	8400101.60	310320.68	476.16	475.83	-0.33	6.75	475.889	-4.00	6.76	475.880	-66.67						
-6.94	475.868	-66.67	-6.75	475.992	-4.00	1501	+	0.00	8400105.31	310301.02	476.26	475.87	-0.40	6.75	475.992	-4.00	7.51	475.488	-66.67						
-7.13	475.840	-66.67	-6.75	476.095	-4.00	1502	+	0.00	8400109.01	310281.37	476.37	475.86	-0.51	6.75	476.095	-4.00	7.09	475.866	-66.67						
-7.27	475.853	-66.67	-6.75	476.197	-4.00	1503	+	0.00	8400112.72	310261.71	476.47	475.84	-0.63	6.75	476.197	-4.00	7.20	475.898	-66.67						
-7.39	475.877	-66.67	-6.75	476.300	-4.00	1504	+	0.00	8400116.42	310242.06	476.57	475.77	-0.80	6.75	476.300	-4.00	7.87	475.557	-66.67						
-7.58	475.848	-66.67	-6.75	476.403	-4.00	1505	+	0.00	8400120.12	310222.41	476.67	475.78	-0.89	6.75	476.403	-4.00	7.59	475.845	-66.67						
-7.82	475.794	-66.67	-6.75	476.506	-4.00	1506	+	0.00	8400123.83	310202.75	476.78	475.75	-1.03	6.75	476.506	-4.00	7.81	475.798	-66.67						
-7.84	475.880	-66.67	-6.75	476.608	-4.00	1507	+	0.00	8400127.53	310183.10	476.88	475.85	-1.03	6.75	476.608	-4.00	7.87	475.861	-66.67						
-8.03	475.857	-66.67	-6.75	476.711	-4.00	1508	+	0.00	8400131.23	310163.44	476.98	475.88	-1.11	6.75	476.711	-4.00	7.96	475.907	-66.67						
-8.12	475.904	-66.67	-6.75	476.814	-4.00	1509	+	0.00	8400134.94	310143.79	477.08	476.00	-1.08	6.75	476.814	-4.00	8.07	475.935	-66.67						
-7.90	476.151	-66.67	-6.75	476.916	-4.00	1510	+	0.00	8400138.64	310124.13	477.19	476.06	-1.12	6.75	476.916	-4.00	8.25	475.914	-66.67						
-7.92	476.224	-66.67	-6.75	477.005	-4.00	1511	+	0.00	8400142.35	310104.48	477.28	476.03	-1.24	6.75	477.005	-4.00	8.32	475.960	-66.67						
-8.03	476.215	-66.67	-6.75	477.065	-4.00	1512	+	0.00	8400146.05	310084.83	477.34	476.03	-1.31	6.75	477.065	-4.00	8.80	475.700	-66.67						
-8.19	476.136	-66.67	-6.75	477.097	-4.00	1513	+	0.00	8400149.75	310065.17	477.37	476.02	-1.35	6.75	477.097	-4.00	8.47	475.949	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.47	475.952	-66.67	-6.75	477.101	-4.00	1514	+	0.00	8400153.46	310045.52	477.37	475.91	-1.46	6.75	477.101	-4.00	8.52	475.921	-66.67						
-8.43	475.958	-66.67	-6.75	477.077	-4.00	1515	+	0.00	8400157.16	310025.86	477.35	475.78	-1.57	6.75	477.077	-4.00	8.53	475.890	-66.67						
-8.37	475.941	-66.67	-6.75	477.024	-4.00	1516	+	0.00	8400160.86	310006.21	477.29	475.76	-1.54	6.75	477.024	-4.00	8.52	475.844	-66.67						
-8.13	476.025	-66.67	-6.75	476.943	-4.00	1517	+	0.00	8400164.57	309986.56	477.21	475.78	-1.44	6.75	476.943	-4.00	8.64	475.683	-66.67						
-8.07	475.951	-66.67	-6.75	476.833	-4.00	1518	+	0.00	8400168.27	309966.90	477.10	475.81	-1.29	6.75	476.833	-4.00	8.40	475.736	-66.67						
-8.16	475.754	-66.67	-6.75	476.696	-4.00	1519	+	0.00	8400171.98	309947.25	476.97	475.83	-1.14	6.75	476.696	-4.00	7.99	475.870	-66.67						
-7.77	475.850	-66.67	-6.75	476.530	-4.00	1520	+	0.00	8400175.68	309927.59	476.80	475.80	-1.00	6.75	476.530	-4.00	7.91	475.754	-66.67						
-7.35	475.948	-66.67	-6.75	476.350	-4.00	1521	+	0.00	8400179.38	309907.94	476.62	475.82	-0.80	6.75	476.350	-4.00	7.64	475.758	-66.67						
-7.40	475.736	-66.67	-6.75	476.170	-4.00	1522	+	0.00	8400183.09	309888.29	476.44	475.77	-0.67	6.75	476.170	-4.00	7.34	475.778	-66.67						
-7.20	475.688	-66.67	-6.75	475.990	-4.00	1523	+	0.00	8400186.79	309868.63	476.26	475.73	-0.53	6.75	475.990	-4.00	7.21	475.685	-66.67						
-7.00	475.645	-66.67	-6.75	475.810	-4.00	1524	+	0.00	8400190.49	309848.98	476.08	475.65	-0.43	6.75	475.810	-4.00	6.97	475.661	-66.67						
-6.90	475.530	-66.67	-6.75	475.630	-4.00	1525	+	0.00	8400194.20	309829.32	475.90	475.51	-0.39	6.75	475.630	-4.00	6.80	475.594	-66.67						
-6.83	475.533	100.00	-6.75	475.450	-4.00	1526	+	0.00	8400197.90	309809.67	475.72	475.34	-0.38	6.75	475.450	-4.00	6.78	475.477	100.00						
-7.45	474.803	-66.67	-6.75	475.270	-4.00	1527	+	0.00	8400201.61	309790.02	475.54	475.15	-0.39	6.75	475.270	-4.00	6.93	475.148	-66.67						
-7.30	474.724	-66.67	-6.75	475.090	-4.00	1528	+	0.00	8400205.31	309770.36	475.36	474.96	-0.40	6.75	475.090	-4.00	6.77	475.106	100.00						
-7.54	474.386	-66.67	-6.75	474.910	-4.00	1529	+	0.00	8400209.01	309750.71	475.18	474.69	-0.49	6.75	474.910	-4.00	6.96	474.772	-66.67						
-6.76	474.723	-66.67	-6.75	474.730	-4.00	1530	+	0.00	8400212.72	309731.05	475.00	474.29	-0.71	6.75	474.784	-3.19	7.70	474.149	-66.67						
-7.48	474.066	-66.67	-6.75	474.550	-4.00	1531	+	0.00	8400216.42	309711.40	474.82	474.02	-0.81	6.75	474.782	-0.57	7.83	474.064	-66.67						
-7.74	473.739	-66.67	-6.75	474.396	-4.00	1531	+	17.14	8400219.59	309694.56	474.67	473.84	-0.83	6.75	474.779	1.68	8.33	473.725	-66.67						
-7.73	473.720	-66.67	-6.75	474.370	-4.00	1532	+	0.00	8400220.12	309691.74	474.64	473.79	-0.85	6.75	474.779	2.06	8.36	473.707	-66.67						
-8.05	473.312	-66.67	-6.75	474.176	-4.20	1533	+	0.00	8400223.48	309672.03	474.46	473.43	-1.03	6.75	474.743	4.20	8.98	473.257	-66.67						
-7.93	473.208	-66.67	-6.75	473.996	-4.20	1534	+	0.00	8400226.32	309652.23	474.28	473.29	-0.99	6.75	474.563	4.20	9.51	472.721	-66.67						
-7.83	473.172	-66.67	-6.75	473.891	-4.20	1534	+	11.74	8400227.68	309640.58	474.17	473.26	-0.92	6.75	474.458	4.20	9.55	472.594	-66.67						
-7.81	473.113	-66.67	-6.75	473.816	-4.20	1535	+	0.00	8400228.63	309632.37	474.10	473.25	-0.85	6.75	474.383	4.20	9.72	472.406	-66.67						
-7.61	473.063	-66.67	-6.75	473.636	-4.20	1536	+	0.00	8400230.41	309612.45	473.92	473.07	-0.85	6.75	474.203	4.20	9.68	472.253	-66.67						
-7.23	473.162	-66.67	-6.75	473.481	-4.00	1537	+	0.00	8400231.66	309592.49	473.75	473.12	-0.63	6.75	473.920	2.51	9.12	472.342	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.14	473.175	-66.67	-6.75	473.434	-4.00	1537	+	6.33	8400231.95	309586.16	473.70	473.19	-0.52	6.75	473.818	1.68	8.76	472.477	-66.67						
-6.91	473.241	-66.67	-6.75	473.348	-4.00	1538	+	0.00	8400232.50	309572.51	473.62	473.33	-0.29	6.75	473.610	-0.11	8.19	472.648	-66.67						
-7.02	473.072	-66.67	-6.75	473.253	-4.00	1539	+	0.00	8400233.32	309552.52	473.52	473.32	-0.20	6.75	473.338	-2.74	7.52	472.823	-66.67						
-7.16	472.923	-66.67	-6.75	473.196	-4.00	1540	+	0.00	8400234.13	309532.54	473.47	473.18	-0.28	6.75	473.196	-4.00	7.34	472.801	-66.67						
-6.79	473.150	-66.67	-6.75	473.176	-4.00	1541	+	0.00	8400234.94	309512.55	473.45	473.26	-0.19	6.75	473.176	-4.00	6.90	473.078	-66.67						
-6.84	473.135	-66.67	-6.75	473.195	-4.00	1542	+	0.00	8400235.75	309492.57	473.47	473.33	-0.14	6.75	473.195	-4.00	6.83	473.138	-66.67						
-6.90	473.154	-66.67	-6.75	473.251	-4.00	1543	+	0.00	8400236.57	309472.59	473.52	473.41	-0.11	6.75	473.251	-4.00	6.85	473.184	-66.67						
-7.06	473.134	-66.67	-6.75	473.343	-4.00	1544	+	0.00	8400237.38	309452.60	473.61	473.31	-0.31	6.75	473.343	-4.00	7.56	472.804	-66.67						
-7.50	472.944	-66.67	-6.75	473.447	-4.00	1545	+	0.00	8400238.19	309432.62	473.72	473.22	-0.50	6.75	473.447	-4.00	7.95	472.645	-66.67						
-7.43	473.097	-66.67	-6.75	473.550	-4.00	1546	+	0.00	8400239.01	309412.64	473.82	473.19	-0.63	6.75	473.550	-4.00	7.81	472.847	-66.67						
-7.72	473.010	-66.67	-6.75	473.653	-4.00	1547	+	0.00	8400239.82	309392.65	473.92	473.08	-0.85	6.75	473.653	-4.00	8.13	472.733	-66.67						
-7.98	472.935	-66.67	-6.75	473.757	-4.00	1548	+	0.00	8400240.63	309372.67	474.03	473.04	-0.99	6.75	473.757	-4.00	8.23	472.768	-66.67						
-8.42	472.824	-66.67	-6.75	473.939	-2.83	1549	+	0.00	8400241.45	309352.69	474.13	473.03	-1.10	6.75	473.860	-4.00	8.76	472.519	-66.67						
-8.77	472.827	-66.67	-6.75	474.173	-0.90	1550	+	0.00	8400242.26	309332.70	474.23	473.01	-1.22	6.75	473.963	-4.00	8.81	472.592	-66.67						
-8.91	472.844	-66.67	-6.75	474.281	0.00	1550	+	9.32	8400242.64	309323.39	474.28	473.02	-1.26	6.75	474.011	-4.00	8.77	472.666	-66.67						
-9.15	472.804	-66.67	-6.75	474.406	1.03	1551	+	0.00	8400243.08	309312.72	474.34	473.01	-1.32	6.75	474.067	-4.00	8.77	472.721	-66.67						
-9.78	472.621	-66.67	-6.75	474.640	2.97	1552	+	0.00	8400244.05	309292.74	474.44	472.97	-1.47	6.75	474.170	-4.00	8.88	472.749	-66.67						
-9.91	472.767	-66.67	-6.75	474.874	4.90	1553	+	0.00	8400245.42	309272.79	474.54	472.95	-1.60	6.75	474.213	-4.90	8.93	472.762	-66.67						
-10.28	472.631	-66.67	-6.75	474.983	5.80	1553	+	9.32	8400246.28	309263.51	474.59	472.92	-1.67	6.75	474.200	-5.80	9.19	472.572	-66.67						
-10.46	472.564	-66.67	-6.75	475.038	5.80	1554	+	0.00	8400247.46	309252.90	474.65	472.86	-1.78	6.75	474.255	-5.80	9.21	472.615	-66.67						
-10.44	472.649	-66.67	-6.75	475.108	5.80	1554	+	13.50	8400249.37	309239.53	474.72	472.79	-1.93	6.75	474.325	-5.80	9.36	472.587	-66.67						
-10.49	472.648	-66.67	-6.75	475.142	5.80	1555	+	0.00	8400250.29	309233.10	474.75	472.71	-2.04	6.75	474.359	-5.80	9.90	472.256	-66.67						
-10.83	472.515	-66.67	-6.75	475.233	5.80	1555	+	17.69	8400253.46	309215.70	474.84	472.68	-2.16	6.75	474.450	-5.80	9.63	472.533	-66.67						
-10.85	472.496	-66.67	-6.75	475.230	5.58	1556	+	0.00	8400253.91	309213.43	474.85	472.68	-2.17	6.75	474.477	-5.58	9.82	472.429	-66.67						
-10.72	472.554	-66.67	-6.75	475.203	3.64	1557	+	0.00	8400258.26	309193.91	474.96	472.63	-2.33	6.75	474.687	-4.00	10.21	472.380	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-10.41	472.736	-66.67	-6.75	475.175	1.71	1558	+	0.00	8400263.09	309174.50	475.06	472.68	-2.38	6.75	474.790	-4.00	10.23	472.472	-66.67						
-10.22	472.839	-66.67	-6.75	475.151	0.00	1558	+	17.69	8400267.56	309157.39	475.15	472.82	-2.33	6.75	474.881	-4.00	10.44	472.423	-66.67						
-10.17	472.868	-66.67	-6.75	475.148	-0.22	1559	+	0.00	8400268.15	309155.15	475.16	472.83	-2.33	6.75	474.893	-4.00	10.42	472.448	-66.67						
-10.04	472.928	-66.67	-6.75	475.121	-2.16	1560	+	0.00	8400273.24	309135.81	475.27	472.99	-2.27	6.75	474.997	-4.00	10.21	472.692	-66.67						
-10.01	472.924	-66.67	-6.75	475.100	-4.00	1561	+	0.00	8400278.34	309116.47	475.37	473.10	-2.27	6.75	475.100	-4.00	10.23	472.783	-66.67						
-9.89	473.107	-66.67	-6.75	475.203	-4.00	1562	+	0.00	8400283.43	309097.13	475.47	473.20	-2.28	6.75	475.203	-4.00	10.29	472.842	-66.67						
-9.69	473.346	-66.67	-6.75	475.307	-4.00	1563	+	0.00	8400288.52	309077.79	475.58	473.33	-2.25	6.75	475.307	-4.00	10.15	473.043	-66.67						
-9.54	473.553	-66.67	-6.75	475.410	-4.00	1564	+	0.00	8400293.61	309058.45	475.68	473.53	-2.15	6.75	475.410	-4.00	10.02	473.231	-66.67						
-9.81	473.476	-66.67	-6.75	475.513	-4.00	1565	+	0.00	8400298.70	309039.11	475.78	473.62	-2.17	6.75	475.513	-4.00	10.10	473.278	-66.67						
-10.52	473.092	-66.67	-6.75	475.607	-4.00	1566	+	0.00	8400303.79	309019.77	475.88	473.38	-2.50	6.75	475.607	-4.00	11.16	472.669	-66.67						
-11.65	472.410	-66.67	-6.75	475.679	-4.00	1567	+	0.00	8400308.88	309000.43	475.95	472.87	-3.08	6.75	475.679	-4.00	11.82	472.301	-66.67						
-12.48	471.915	-66.67	-6.75	475.732	-4.00	1568	+	0.00	8400313.98	308981.08	476.00	472.56	-3.44	6.75	475.732	-4.00	12.62	471.818	-66.67						
-13.19	471.471	-66.67	-6.75	475.764	-4.00	1569	+	0.00	8400319.07	308961.74	476.03	472.59	-3.45	6.75	475.764	-4.00	13.03	471.578	-66.67						
-13.02	471.596	-66.67	-6.75	475.776	-4.00	1570	+	0.00	8400324.16	308942.40	476.05	472.76	-3.29	6.75	475.776	-4.00	13.28	471.422	-66.67						
-12.99	471.609	-66.67	-6.75	475.767	-4.00	1571	+	0.00	8400329.25	308923.06	476.04	472.57	-3.47	6.75	475.767	-4.00	12.82	471.719	-66.67						
-11.73	472.421	-66.67	-6.75	475.739	-4.00	1572	+	0.00	8400334.34	308903.72	476.01	472.63	-3.38	6.75	475.764	-3.62	12.16	472.160	-66.67						
-10.84	472.965	-66.67	-6.75	475.689	-4.00	1573	+	0.00	8400339.43	308884.38	475.96	472.95	-3.01	6.75	475.845	-1.69	11.42	472.733	-66.67						
-10.53	473.110	-66.67	-6.75	475.630	-4.00	1573	+	17.50	8400343.89	308867.46	475.90	473.26	-2.64	6.75	475.900	0.00	11.13	472.978	-66.67						
-10.45	473.157	-66.67	-6.75	475.620	-4.00	1574	+	0.00	8400344.52	308865.04	475.89	473.29	-2.60	6.75	475.906	0.24	10.94	473.115	-66.67						
-10.15	473.267	-66.67	-6.75	475.530	-4.00	1575	+	0.00	8400349.55	308845.68	475.80	473.40	-2.40	6.75	475.947	2.18	10.67	473.336	-66.67						
-10.19	473.133	-66.67	-6.75	475.423	-4.11	1576	+	0.00	8400354.29	308826.25	475.70	473.30	-2.40	6.75	475.977	4.11	10.76	473.305	-66.67						
-10.00	473.055	-66.67	-6.75	475.221	-5.80	1576	+	17.50	8400357.99	308809.15	475.61	473.05	-2.56	6.75	476.004	5.80	10.88	473.249	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-10.03	473.023	-66.67	-6.75	475.208	-5.80	1577	+	0.00	8400358.48	308806.70	475.60	473.02	-2.58	6.75	475.991	5.80	10.86	473.255	-66.67						
-10.31	472.738	-66.67	-6.75	475.108	-5.80	1578	+	0.00	8400361.91	308786.99	475.50	472.91	-2.59	6.75	475.891	5.80	11.11	472.988	-66.67						
-10.33	472.620	-66.67	-6.75	475.008	-5.80	1579	+	0.00	8400364.55	308767.17	475.40	472.83	-2.57	6.75	475.791	5.80	11.12	472.878	-66.67						
-9.88	472.825	-66.67	-6.75	474.908	-5.80	1580	+	0.00	8400366.40	308747.26	475.30	472.90	-2.40	6.75	475.691	5.80	10.77	473.014	-66.67						
-9.29	473.117	-66.67	-6.75	474.808	-5.80	1581	+	0.00	8400367.44	308727.29	475.20	473.19	-2.01	6.75	475.591	5.80	10.50	473.090	-66.67						
-8.73	473.392	-66.67	-6.75	474.708	-5.80	1582	+	0.00	8400367.69	308707.29	475.10	473.32	-1.79	6.75	475.491	5.80	10.00	473.328	-66.67						
-8.50	473.513	-66.67	-6.75	474.677	-5.80	1582	+	6.40	8400367.51	308700.89	475.07	473.31	-1.76	6.75	475.460	5.80	9.63	473.537	-66.67						
-8.12	473.695	-66.67	-6.75	474.608	-5.80	1583	+	0.00	8400367.14	308687.30	475.00	473.49	-1.51	6.75	475.391	5.80	9.28	473.705	-66.67						
-7.70	473.877	-66.67	-6.75	474.508	-5.80	1584	+	0.00	8400365.79	308667.34	474.90	473.71	-1.19	6.75	475.291	5.80	8.91	473.855	-66.67						
-7.36	474.005	-66.67	-6.75	474.408	-5.80	1585	+	0.00	8400363.64	308647.46	474.80	473.95	-0.86	6.75	475.191	5.80	8.61	473.949	-66.67						
-7.15	474.044	-66.67	-6.75	474.308	-5.80	1586	+	0.00	8400360.70	308627.68	474.70	474.10	-0.60	6.75	475.091	5.80	8.28	474.074	-66.67						
-7.24	473.881	-66.67	-6.75	474.208	-5.80	1587	+	0.00	8400356.97	308608.03	474.60	474.00	-0.60	6.75	474.991	5.80	8.09	474.102	-66.67						
-7.08	473.914	-66.67	-6.75	474.132	-5.80	1587	+	15.30	8400353.59	308593.11	474.52	473.87	-0.66	6.75	474.915	5.80	8.23	473.930	-66.67						
-7.30	473.770	-66.67	-6.75	474.139	-5.35	1588	+	0.00	8400352.46	308588.55	474.50	473.84	-0.66	6.75	474.861	5.35	8.04	473.998	-66.67						
-7.37	473.716	-66.67	-6.75	474.130	-4.00	1589	+	0.00	8400347.25	308569.24	474.40	473.70	-0.70	6.75	474.630	3.41	7.82	473.915	-66.67						
-7.33	473.647	-66.67	-6.75	474.030	-4.00	1590	+	0.00	8400341.59	308550.06	474.30	473.67	-0.63	6.75	474.400	1.48	7.67	473.786	-66.67						
-7.29	473.597	-66.67	-6.75	473.953	-4.00	1590	+	15.30	8400337.11	308535.42	474.22	473.58	-0.64	6.75	474.223	0.00	7.50	473.727	-66.67						
-7.20	473.630	-66.67	-6.75	473.930	-4.00	1591	+	0.00	8400335.73	308530.93	474.20	473.52	-0.68	6.75	474.169	-0.45	7.69	473.542	-66.67						
-7.11	473.591	-66.67	-6.75	473.830	-4.00	1592	+	0.00	8400329.85	308511.82	474.10	473.45	-0.65	6.75	473.939	-2.39	7.55	473.407	-66.67						
-7.18	473.445	-66.67	-6.75	473.730	-4.00	1593	+	0.00	8400323.98	308492.70	474.00	473.33	-0.67	6.75	473.730	-4.00	7.57	473.184	-66.67						
-7.52	473.115	-66.67	-6.75	473.630	-4.00	1594	+	0.00	8400318.10	308473.58	473.90	473.29	-0.61	6.75	473.630	-4.00	7.65	473.031	-66.67						
-7.35	473.130	-66.67	-6.75	473.530	-4.00	1595	+	0.00	8400312.23	308454.47	473.80	473.31	-0.49	6.75	473.530	-4.00	7.42	473.083	-66.67						
-7.22	473.120	-66.67	-6.75	473.430	-4.00	1596	+	0.00	8400306.35	308435.35	473.70	473.33	-0.37	6.75	473.430	-4.00	7.00	473.261	-66.67						
-6.83	473.275	-66.67	-6.75	473.330	-4.00	1597	+	0.00	8400300.47	308416.23	473.60	473.37	-0.24	6.75	473.330	-4.00	7.11	473.090	-66.67						
-7.14	473.621	100.00	-6.75	473.230	-4.00	1598	+	0.00	8400294.60	308397.11	473.50	473.52	0.02	6.75	473.230	-4.00	7.01	473.121	100.00						
-7.35	473.728	100.00	-6.75	473.130	-4.00	1599	+	0.00	8400288.72	308378.00	473.40	473.59	0.19	6.75	473.130	-4.00	6.95	473.334	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.23	473.514	100.00	-6.75	473.030	-4.00	1600	+	0.00	8400282.84	308358.88	473.30	473.62	0.32	6.75	473.030	-4.00	7.08	473.355	100.00						
-7.33	473.509	100.00	-6.75	472.930	-4.00	1601	+	0.00	8400276.97	308339.76	473.20	473.60	0.40	6.75	472.930	-4.00	6.88	473.055	100.00						
-7.19	473.396	100.00	-6.75	472.958	-2.11	1602	+	0.00	8400271.09	308320.64	473.10	473.51	0.41	6.75	472.830	-4.00	7.01	473.086	100.00						
-6.99	473.247	100.00	-6.75	473.007	0.00	1602	+	18.53	8400265.65	308302.93	473.01	473.24	0.24	6.75	472.737	-4.00	6.83	472.816	100.00						
-6.83	473.090	100.00	-6.75	473.011	0.17	1603	+	0.00	8400265.22	308301.53	473.00	473.23	0.23	6.75	472.730	-4.00	6.77	472.747	100.00						
-7.15	472.802	-66.67	-6.75	473.065	2.44	1604	+	0.00	8400259.41	308282.39	472.90	472.96	0.06	6.75	472.630	-4.00	6.86	472.558	-66.67						
-7.87	472.369	-66.67	-6.75	473.119	4.72	1605	+	0.00	8400253.95	308263.15	472.80	472.68	-0.12	6.75	472.481	-4.72	7.08	472.264	-66.67						
-8.03	472.313	-66.67	-6.75	473.163	6.60	1605	+	16.53	8400249.95	308247.11	472.72	472.49	-0.23	6.75	472.272	-6.60	6.80	472.241	-66.67						
-7.84	472.417	-66.67	-6.75	473.145	6.60	1606	+	0.00	8400249.19	308243.72	472.70	472.46	-0.24	6.75	472.254	-6.60	6.87	472.176	-66.67						
-7.47	472.565	-66.67	-6.75	473.045	6.60	1607	+	0.00	8400245.38	308224.09	472.60	472.55	-0.05	6.75	472.154	-6.60	6.99	472.393	100.00						
-7.07	472.739	-66.67	-6.75	472.951	6.60	1608	+	0.00	8400242.54	308204.30	472.51	472.36	-0.15	6.75	472.060	-6.60	7.06	472.366	100.00						
-7.08	472.674	-66.67	-6.75	472.894	6.60	1609	+	0.00	8400240.71	308184.38	472.45	472.22	-0.23	6.75	472.003	-6.60	6.78	471.983	-66.67						
-7.29	472.519	-66.67	-6.75	472.880	6.60	1610	+	0.00	8400239.87	308164.40	472.43	472.02	-0.42	6.75	471.989	-6.60	7.05	471.790	-66.67						
-7.88	472.153	-66.67	-6.75	472.909	6.60	1611	+	0.00	8400240.03	308144.41	472.46	471.83	-0.63	6.75	472.018	-6.60	7.06	471.814	-66.67						
-7.97	472.163	-66.67	-6.75	472.974	6.60	1611	+	18.44	8400241.09	308126.00	472.53	471.88	-0.65	6.75	472.083	-6.60	7.10	471.849	-66.67						
-7.96	472.173	-66.67	-6.75	472.981	6.60	1612	+	0.00	8400241.18	308124.44	472.54	471.87	-0.66	6.75	472.090	-6.60	7.09	471.865	-66.67						
-7.88	472.340	-66.67	-6.75	473.091	6.60	1613	+	0.00	8400243.34	308104.56	472.65	471.96	-0.69	6.75	472.200	-6.60	6.78	472.179	-66.67						
-7.54	472.680	-66.67	-6.75	473.206	6.60	1614	+	0.00	8400246.48	308084.81	472.76	472.79	0.03	6.75	472.315	-6.60	6.99	472.393	100.00						
-7.07	473.106	-66.67	-6.75	473.321	6.60	1615	+	0.00	8400250.61	308065.25	472.88	472.99	0.12	6.75	472.430	-6.60	7.06	472.366	100.00						
-7.15	473.167	-66.67	-6.75	473.436	6.60	1616	+	0.00	8400255.71	308045.91	472.99	472.79	-0.20	6.75	472.545	-6.60	6.99	472.393	100.00						
-7.74	472.892	-66.67	-6.75	473.551	6.60	1617	+	0.00	8400261.78	308026.85	473.11	473.00	-0.10	6.75	472.660	-6.60	7.06	472.366	100.00						
-8.33	472.612	-66.67	-6.75	473.666	6.60	1618	+	0.00	8400268.78	308008.12	473.22	473.11	-0.11	6.75	472.775	-6.60	6.87	472.694	-66.67						
-8.30	472.635	-66.67	-6.75	473.667	6.60	1618	+	0.35	8400268.91	308007.80	473.22	473.11	-0.12	6.75	472.776	-6.60	6.88	472.691	-66.67						
-7.81	472.925	-66.67	-6.75	473.630	4.36	1619	+	0.00	8400276.67	307989.74	473.34	473.07	-0.26	6.75	473.040	-4.36	6.95	472.907	-66.67						
-7.55	473.061	-66.67	-6.75	473.591	2.09	1620	+	0.00	8400285.15	307971.63	473.45	473.07	-0.38	6.75	473.180	-4.00	6.98	473.024	-66.67						
-7.30	473.189	-66.67	-6.75	473.555	0.00	1620	+	18.35	8400293.20	307955.15	473.56	473.09	-0.47	6.75	473.285	-4.00	7.05	473.088	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.37	473.140	-66.67	-6.75	473.552	-0.19	1621	+	0.00	8400293.93	307953.66	473.57	473.12	-0.44	6.75	473.295	-4.00	7.04	473.104	-66.67						
-7.06	473.306	-66.67	-6.75	473.514	-2.46	1622	+	0.00	8400302.74	307935.71	473.68	473.13	-0.55	6.75	473.410	-4.00	7.02	473.231	-66.67						
-7.31	473.152	-66.67	-6.75	473.525	-4.00	1623	+	0.00	8400311.55	307917.75	473.80	473.28	-0.52	6.75	473.525	-4.00	7.08	473.302	-66.67						
-7.38	473.219	-66.67	-6.75	473.640	-4.00	1624	+	0.00	8400320.37	307899.80	473.91	473.31	-0.60	6.75	473.640	-4.00	7.21	473.336	-66.67						
-7.67	473.145	-66.67	-6.75	473.755	-4.00	1625	+	0.00	8400329.18	307881.85	474.03	473.38	-0.65	6.75	473.755	-4.00	7.34	473.361	-66.67						
-7.89	473.099	-66.67	-6.75	473.859	-4.00	1626	+	0.00	8400337.99	307863.89	474.13	473.36	-0.77	6.75	473.880	-3.69	7.59	473.318	-66.67						
-8.07	473.059	-66.67	-6.75	473.942	-4.00	1627	+	0.00	8400346.81	307845.94	474.21	473.42	-0.80	6.75	474.125	-1.29	8.13	473.205	-66.67						
-8.07	473.101	-66.67	-6.75	473.978	-4.00	1627	+	10.77	8400351.55	307836.27	474.25	473.37	-0.88	6.75	474.248	0.00	8.52	473.065	-66.67						
-7.99	473.177	-66.67	-6.75	474.003	-4.00	1628	+	0.00	8400355.61	307827.98	474.27	473.29	-0.98	6.75	474.348	1.11	8.72	473.033	-66.67						
-8.17	473.098	-66.67	-6.75	474.043	-4.00	1629	+	0.00	8400364.26	307809.95	474.31	473.20	-1.11	6.75	474.550	3.51	9.01	473.046	-66.67						
-8.25	472.931	-66.67	-6.75	473.932	-5.91	1630	+	0.00	8400372.43	307791.69	474.33	472.96	-1.37	6.75	474.730	5.91	9.60	472.833	-66.67						
-8.31	472.847	-66.67	-6.75	473.887	-6.60	1630	+	5.77	8400374.64	307786.37	474.33	472.87	-1.47	6.75	474.778	6.60	9.71	472.807	-66.67						
-8.76	472.543	-66.67	-6.75	473.883	-6.60	1631	+	0.00	8400379.79	307773.10	474.33	472.63	-1.70	6.75	474.774	6.60	10.24	472.447	-66.67						
-8.91	472.419	-66.67	-6.75	473.858	-6.60	1632	+	0.00	8400386.21	307754.16	474.30	472.08	-2.22	6.75	474.749	6.60	10.47	472.269	-66.67						
-9.58	471.923	-66.67	-6.75	473.812	-6.60	1633	+	0.00	8400391.68	307734.93	474.26	471.68	-2.57	6.75	474.703	6.60	10.71	472.062	-66.67						
-9.76	471.735	-66.67	-6.75	473.744	-6.60	1634	+	0.00	8400396.18	307715.44	474.19	471.62	-2.57	6.75	474.635	6.60	10.91	471.860	-66.67						
-9.39	471.904	-66.67	-6.75	473.661	-6.60	1634	+	18.62	8400399.46	307697.11	474.11	471.69	-2.42	6.75	474.552	6.60	11.24	471.562	-66.67						
-9.44	471.859	-66.67	-6.75	473.655	-6.60	1635	+	0.00	8400399.70	307695.76	474.10	471.72	-2.38	6.75	474.546	6.60	11.24	471.549	-66.67						
-9.09	471.995	-66.67	-6.75	473.554	-6.60	1636	+	0.00	8400402.23	307675.92	474.00	472.01	-1.99	6.75	474.445	6.60	11.01	471.603	-66.67						
-9.10	471.886	-66.67	-6.75	473.454	-6.60	1637	+	0.00	8400403.77	307655.98	473.90	472.10	-1.80	6.75	474.345	6.60	10.25	472.012	-66.67						
-8.85	471.956	-66.67	-6.75	473.355	-6.60	1638	+	0.00	8400404.31	307635.99	473.80	472.02	-1.78	6.75	474.245	6.60	10.53	471.728	-66.67						
-9.06	471.718	-66.67	-6.75	473.254	-6.60	1639	+	0.00	8400403.85	307616.00	473.70	471.90	-1.81	6.75	474.145	6.60	10.49	471.654	-66.67						
-9.31	471.491	-66.67	-6.75	473.197	-6.60	1639	+	11.47	8400403.14	307604.55	473.64	471.87	-1.78	6.75	474.088	6.60	10.12	471.840	-66.67						
-9.08	471.674	-66.67	-6.75	473.224	-5.58	1640	+	0.00	8400402.40	307596.05	473.60	471.87	-1.73	6.75	473.976	5.58	10.31	471.601	-66.67						
-8.85	471.829	-66.67	-6.75	473.230	-4.00	1641	+	0.00	8400400.11	307576.18	473.50	471.88	-1.62	6.75	473.714	3.18	10.14	471.457	-66.67						
-8.88	471.712	-66.67	-6.75	473.130	-4.00	1642	+	0.00	8400397.35	307556.37	473.40	471.91	-1.49	6.75	473.452	0.78	9.74	471.460	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.73	471.775	-66.67	-6.75	473.098	-4.00	1642	+	6.47	8400396.42	307549.98	473.37	471.90	-1.47	6.75	473.368	0.00	9.56	471.492	-66.67						
-8.58	471.808	-66.67	-6.75	473.030	-4.00	1643	+	0.00	8400394.46	307536.59	473.30	472.00	-1.30	6.75	473.190	-1.62	9.19	471.561	-66.67						
-9.07	471.383	-66.67	-6.75	472.930	-4.00	1644	+	0.00	8400391.56	307516.80	473.20	471.95	-1.26	6.75	472.930	-4.00	8.86	471.525	-66.67						
-8.70	471.529	-66.67	-6.75	472.830	-4.00	1645	+	0.00	8400388.66	307497.01	473.10	471.84	-1.26	6.75	472.830	-4.00	8.85	471.432	-66.67						
-8.92	471.286	-66.67	-6.75	472.730	-4.00	1646	+	0.00	8400385.76	307477.22	473.00	471.73	-1.27	6.75	472.730	-4.00	8.95	471.263	-66.67						
-8.53	471.445	-66.67	-6.75	472.630	-4.00	1647	+	0.00	8400382.86	307457.43	472.90	471.68	-1.22	6.75	472.630	-4.00	8.99	471.139	-66.67						
-8.50	471.366	-66.67	-6.75	472.530	-4.00	1648	+	0.00	8400379.97	307437.64	472.80	471.67	-1.13	6.75	472.530	-4.00	8.53	471.341	-66.67						
-8.50	471.263	-66.67	-6.75	472.430	-4.00	1649	+	0.00	8400377.07	307417.85	472.70	471.60	-1.10	6.75	472.430	-4.00	8.76	471.091	-66.67						
-8.49	471.169	-66.67	-6.75	472.330	-4.00	1650	+	0.00	8400374.17	307398.06	472.60	471.56	-1.04	6.75	472.330	-4.00	8.53	471.145	-66.67						
-8.17	471.287	-66.67	-6.75	472.230	-4.00	1651	+	0.00	8400371.27	307378.27	472.50	471.62	-0.88	6.75	472.230	-4.00	8.64	470.968	-66.67						
-8.08	471.242	-66.67	-6.75	472.130	-4.00	1652	+	0.00	8400368.37	307358.49	472.40	471.68	-0.72	6.75	472.130	-4.00	8.37	471.051	-66.67						
-7.32	471.649	-66.67	-6.75	472.030	-4.00	1653	+	0.00	8400365.48	307338.70	472.30	471.76	-0.54	6.75	472.030	-4.00	8.03	471.174	-66.67						
-7.73	471.276	-66.67	-6.75	471.930	-4.00	1654	+	0.00	8400362.58	307318.91	472.20	471.73	-0.47	6.75	471.930	-4.00	7.83	471.213	-66.67						
-7.47	471.351	-66.67	-6.75	471.830	-4.00	1655	+	0.00	8400359.68	307299.12	472.10	471.68	-0.42	6.75	471.830	-4.00	7.46	471.359	-66.67						
-7.70	471.099	-66.67	-6.75	471.730	-4.00	1656	+	0.00	8400356.78	307279.33	472.00	471.55	-0.45	6.75	471.730	-4.00	7.15	471.465	-66.67						
-7.52	471.117	-66.67	-6.75	471.630	-4.00	1657	+	0.00	8400353.88	307259.54	471.90	471.53	-0.37	6.75	471.630	-4.00	7.12	471.383	-66.67						
-6.88	471.443	-66.67	-6.75	471.530	-4.00	1658	+	0.00	8400350.98	307239.75	471.80	471.56	-0.24	6.75	471.530	-4.00	6.86	471.460	-66.67						
-7.06	471.246	-66.67	-6.75	471.456	-4.00	1659	+	0.00	8400348.09	307219.96	471.73	471.55	-0.18	6.75	471.456	-4.00	6.86	471.383	-66.67						
-6.88	471.346	-66.67	-6.75	471.433	-4.00	1660	+	0.00	8400345.19	307200.17	471.70	471.55	-0.16	6.75	471.433	-4.00	6.87	471.548	100.00						
-7.24	471.106	-66.67	-6.75	471.434	-4.00	1660	+	3.88	8400344.63	307196.34	471.70	471.55	-0.15	6.75	471.434	-4.00	6.83	471.514	100.00						
-6.91	471.356	-66.67	-6.75	471.461	-4.00	1661	+	0.00	8400342.33	307180.38	471.73	471.61	-0.12	6.75	471.461	-4.00	6.78	471.439	-66.67						
-7.03	471.354	-66.67	-6.75	471.541	-4.00	1662	+	0.00	8400339.59	307160.57	471.81	471.44	-0.38	6.75	471.541	-4.00	6.92	471.429	-66.67						
-7.69	471.017	-66.67	-6.75	471.646	-4.00	1663	+	0.00	8400336.97	307140.74	471.92	471.36	-0.56	6.75	471.646	-4.00	8.05	470.778	-66.67						
-8.08	470.865	-66.67	-6.75	471.752	-4.00	1664	+	0.00	8400334.48	307120.90	472.02	471.26	-0.77	6.75	471.752	-4.00	7.94	470.957	-66.67						
-8.35	470.791	-66.67	-6.75	471.857	-4.00	1665	+	0.00	8400332.11	307101.04	472.13	471.26	-0.87	6.75	471.857	-4.00	8.16	470.918	-66.67						
-8.26	470.959	-66.67	-6.75	471.963	-4.00	1666	+	0.00	8400329.86	307081.16	472.23	471.32	-0.91	6.75	471.963	-4.00	7.93	471.175	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.12	471.084	-66.67	-6.75	471.997	-4.00	1666	+	6.52	8400329.16	307074.68	472.27	471.37	-0.90	6.75	471.997	-4.00	7.81	471.294	-66.67						
-7.97	471.252	-66.67	-6.75	472.068	-4.00	1667	+	0.00	8400327.73	307061.28	472.34	471.47	-0.87	6.75	472.068	-4.00	7.72	471.423	-66.67						
-8.35	471.107	-66.67	-6.75	472.174	-4.00	1668	+	0.00	8400325.72	307041.38	472.44	471.42	-1.02	6.75	472.174	-4.00	8.29	471.148	-66.67						
-8.55	471.082	-66.67	-6.75	472.279	-4.00	1669	+	0.00	8400323.84	307021.47	472.55	471.33	-1.22	6.75	472.279	-4.00	8.28	471.261	-66.67						
-8.92	470.939	-66.67	-6.75	472.385	-4.00	1670	+	0.00	8400322.08	307001.55	472.66	471.31	-1.35	6.75	472.385	-4.00	8.45	471.254	-66.67						
-9.38	470.737	-66.67	-6.75	472.490	-4.00	1671	+	0.00	8400320.44	306981.61	472.76	471.27	-1.49	6.75	472.490	-4.00	8.67	471.210	-66.67						
-8.94	471.133	-66.67	-6.75	472.594	-4.00	1672	+	0.00	8400318.92	306961.67	472.86	471.34	-1.52	6.75	472.594	-4.00	8.88	471.176	-66.67						
-8.87	471.217	-66.67	-6.75	472.632	-4.00	1672	+	9.16	8400318.27	306952.54	472.90	471.36	-1.54	6.75	472.632	-4.00	8.83	471.248	-66.67						
-8.99	471.172	-66.67	-6.75	472.666	-4.00	1673	+	0.00	8400317.51	306941.72	472.94	471.37	-1.57	6.75	472.666	-4.00	9.03	471.144	-66.67						
-9.10	471.131	-66.67	-6.75	472.695	-4.00	1674	+	0.00	8400316.11	306921.77	472.97	471.25	-1.71	6.75	472.695	-4.00	9.34	470.965	-66.67						
-9.58	470.793	-66.67	-6.75	472.680	-4.00	1675	+	0.00	8400314.72	306901.82	472.95	471.11	-1.84	6.75	472.680	-4.00	9.63	470.760	-66.67						
-9.51	470.784	-66.67	-6.75	472.622	-4.00	1676	+	0.00	8400313.32	306881.87	472.89	471.04	-1.85	6.75	472.622	-4.00	9.92	470.508	-66.67						
-9.45	470.722	-66.67	-6.75	472.522	-4.00	1677	+	0.00	8400311.92	306861.92	472.79	471.04	-1.75	6.75	472.522	-4.00	9.34	470.793	-66.67						
-9.41	470.636	-66.67	-6.75	472.410	-4.00	1678	+	0.00	8400310.52	306841.96	472.68	471.05	-1.63	6.75	472.410	-4.00	9.62	470.498	-66.67						
-9.55	470.431	-66.67	-6.75	472.298	-4.00	1679	+	0.00	8400309.13	306822.01	472.57	471.03	-1.54	6.75	472.298	-4.00	9.14	470.707	-66.67						
-9.69	470.227	-66.67	-6.75	472.186	-4.00	1680	+	0.00	8400307.73	306802.06	472.46	470.92	-1.54	6.75	472.186	-4.00	8.99	470.694	-66.67						
-9.48	470.252	-66.67	-6.75	472.075	-4.00	1681	+	0.00	8400306.33	306782.11	472.35	470.95	-1.40	6.75	472.075	-4.00	9.14	470.480	-66.67						
-9.10	470.398	-66.67	-6.75	471.963	-4.00	1682	+	0.00	8400304.93	306762.16	472.23	470.93	-1.30	6.75	471.963	-4.00	8.90	470.533	-66.67						
-9.32	470.141	-66.67	-6.75	471.851	-4.00	1683	+	0.00	8400303.53	306742.21	472.12	470.91	-1.22	6.75	471.851	-4.00	8.75	470.518	-66.67						
-9.11	470.166	-66.67	-6.75	471.739	-4.00	1684	+	0.00	8400302.14	306722.26	472.01	470.85	-1.16	6.75	471.739	-4.00	8.74	470.416	-66.67						
-9.25	469.959	-66.67	-6.75	471.627	-4.00	1685	+	0.00	8400300.74	306702.31	471.90	470.79	-1.11	6.75	471.627	-4.00	8.66	470.355	-66.67						
-8.76	470.174	-66.67	-6.75	471.516	-4.00	1686	+	0.00	8400299.34	306682.36	471.79	470.71	-1.08	6.75	471.516	-4.00	8.59	470.288	-66.67						
-8.68	470.119	-66.67	-6.75	471.404	-4.00	1687	+	0.00	8400297.94	306662.40	471.67	470.72	-0.95	6.75	471.404	-4.00	8.56	470.195	-66.67						
-8.43	470.172	-66.67	-6.75	471.292	-4.00	1688	+	0.00	8400296.54	306642.45	471.56	470.72	-0.84	6.75	471.292	-4.00	8.29	470.263	-66.67						
-7.97	470.370	-66.67	-6.75	471.180	-4.00	1689	+	0.00	8400295.15	306622.50	471.45	470.74	-0.71	6.75	471.180	-4.00	8.06	470.308	-66.67						
-8.03	470.213	-66.67	-6.75	471.068	-4.00	1690	+	0.00	8400293.75	306602.55	471.34	470.74	-0.59	6.75	471.068	-4.00	7.84	470.344	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.69	470.329	-66.67	-6.75	470.957	-4.00	1691	+	0.00	8400292.35	306582.60	471.23	470.79	-0.44	6.75	470.957	-4.00	7.68	470.338	-66.67						
-7.52	470.332	-66.67	-6.75	470.845	-4.00	1692	+	0.00	8400290.95	306562.65	471.12	470.88	-0.23	6.75	470.845	-4.00	7.04	470.655	-66.67						
-7.25	470.397	-66.67	-6.75	470.733	-4.00	1693	+	0.00	8400289.56	306542.70	471.00	470.92	-0.09	6.75	470.733	-4.00	7.15	470.468	-66.67						
-7.51	470.116	-66.67	-6.75	470.621	-4.00	1694	+	0.00	8400288.16	306522.75	470.89	470.67	-0.22	6.75	470.621	-4.00	7.17	470.341	-66.67						
-7.48	470.025	-66.67	-6.75	470.509	-4.00	1695	+	0.00	8400286.76	306502.80	470.78	470.42	-0.36	6.75	470.509	-4.00	7.17	470.233	-66.67						
-7.59	469.843	-66.67	-6.75	470.404	-4.00	1696	+	0.00	8400285.36	306482.85	470.67	470.26	-0.42	6.75	470.404	-4.00	7.43	469.952	-66.67						
-7.80	469.648	-66.67	-6.75	470.347	-4.00	1697	+	0.00	8400283.96	306462.89	470.62	470.20	-0.42	6.75	470.347	-4.00	7.65	469.748	-66.67						
-7.74	469.683	-66.67	-6.75	470.343	-4.00	1698	+	0.00	8400282.57	306442.94	470.61	470.11	-0.51	6.75	470.343	-4.00	7.74	469.681	-66.67						
-7.49	469.898	-66.67	-6.75	470.393	-4.00	1699	+	0.00	8400281.17	306422.99	470.66	470.11	-0.55	6.75	470.393	-4.00	7.65	469.790	-66.67						
-7.47	470.009	-66.67	-6.75	470.490	-4.00	1700	+	0.00	8400279.77	306403.04	470.76	470.18	-0.58	6.75	470.490	-4.00	7.32	470.107	-66.67						
-7.20	470.294	-66.67	-6.75	470.594	-4.00	1701	+	0.00	8400278.37	306383.09	470.86	470.44	-0.42	6.75	470.594	-4.00	7.21	470.284	-66.67						
-6.94	470.574	-66.67	-6.75	470.697	-4.00	1702	+	0.00	8400276.98	306363.14	470.97	470.66	-0.31	6.75	470.697	-4.00	7.08	470.479	-66.67						
-6.90	470.698	-66.67	-6.75	470.799	-4.00	1703	+	0.00	8400275.58	306343.19	471.07	470.75	-0.32	6.75	470.799	-4.00	7.39	470.373	-66.67						
-6.93	470.757	-66.67	-6.75	470.879	-4.00	1704	+	0.00	8400274.18	306323.24	471.15	470.57	-0.58	6.75	470.879	-4.00	7.17	470.598	-66.67						
-6.80	470.896	-66.67	-6.75	470.932	-4.00	1705	+	0.00	8400272.78	306303.29	471.20	470.55	-0.65	6.75	470.932	-4.00	7.73	470.277	-66.67						
-6.83	470.908	-66.67	-6.75	470.958	-4.00	1706	+	0.00	8400271.38	306283.33	471.23	470.52	-0.70	6.75	470.958	-4.00	6.92	470.843	-66.67						
-7.06	470.749	-66.67	-6.75	470.957	-4.00	1707	+	0.00	8400269.99	306263.38	471.23	470.47	-0.76	6.75	470.957	-4.00	7.17	470.680	-66.67						
-7.39	470.503	-66.67	-6.75	470.929	-4.00	1708	+	0.00	8400268.59	306243.43	471.20	470.26	-0.94	6.75	470.929	-4.00	7.71	470.288	-66.67						
-7.42	470.426	-66.67	-6.75	470.874	-4.00	1709	+	0.00	8400267.19	306223.48	471.14	470.04	-1.10	6.75	470.874	-4.00	8.24	469.884	-66.67						
-7.37	470.379	-66.67	-6.75	470.793	-4.00	1710	+	0.00	8400265.79	306203.53	471.06	470.11	-0.95	6.75	470.793	-4.00	7.58	470.240	-66.67						
-7.08	470.462	-66.67	-6.75	470.684	-4.00	1711	+	0.00	8400264.39	306183.58	470.95	470.03	-0.92	6.75	470.684	-4.00	7.68	470.066	-66.67						
-6.82	470.502	-66.67	-6.75	470.548	-4.00	1712	+	0.00	8400263.00	306163.63	470.82	470.22	-0.60	6.75	470.548	-4.00	7.40	470.113	-66.67						
-6.80	470.442	100.00	-6.75	470.388	-4.00	1713	+	0.00	8400261.60	306143.68	470.66	470.04	-0.62	6.75	470.388	-4.00	6.99	470.226	-66.67						
-7.04	470.512	100.00	-6.75	470.223	-4.00	1714	+	0.00	8400260.20	306123.73	470.49	470.38	-0.11	6.75	470.223	-4.00	6.98	470.455	100.00						
-7.16	470.465	100.00	-6.75	470.057	-4.00	1715	+	0.00	8400258.80	306103.77	470.33	470.44	0.12	6.75	470.057	-4.00	7.14	470.443	100.00						
-7.16	470.297	100.00	-6.75	469.892	-4.00	1716	+	0.00	8400257.41	306083.82	470.16	470.33	0.17	6.75	469.892	-4.00	7.03	470.170	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.18	470.160	100.00	-6.75	469.726	-4.00	1717	+	0.00	8400256.01	306063.87	470.00	470.15	0.15	6.75	469.726	-4.00	7.17	470.150	100.00						
-7.14	469.960	100.00	-6.75	469.570	-4.00	1718	+	0.00	8400254.61	306043.92	469.84	469.76	-0.08	6.75	469.570	-4.00	7.03	470.001	100.00						
-7.11	469.818	100.00	-6.75	469.462	-4.00	1719	+	0.00	8400253.21	306023.97	469.73	469.45	-0.28	6.75	469.462	-4.00	6.83	469.407	-66.67						
-7.14	469.794	100.00	-6.75	469.403	-4.00	1720	+	0.00	8400251.81	306004.02	469.67	469.12	-0.55	6.75	469.403	-4.00	7.30	469.035	-66.67						
-7.14	469.788	100.00	-6.75	469.396	-4.00	1721	+	0.00	8400250.42	305984.07	469.67	469.34	-0.33	6.75	469.396	-4.00	6.79	469.440	100.00						
-7.14	469.825	100.00	-6.75	469.440	-4.00	1722	+	0.00	8400249.02	305964.12	469.71	469.56	-0.15	6.75	469.440	-4.00	6.78	469.468	100.00						
-7.07	469.845	100.00	-6.75	469.530	-4.00	1723	+	0.00	8400247.62	305944.17	469.80	469.47	-0.33	6.75	469.530	-4.00	6.82	469.596	100.00						
-6.93	469.814	100.00	-6.75	469.630	-4.00	1724	+	0.00	8400246.22	305924.21	469.90	469.43	-0.47	6.75	469.630	-4.00	6.93	469.508	-66.67						
-6.84	469.815	100.00	-6.75	469.730	-4.00	1725	+	0.00	8400244.82	305904.26	470.00	469.44	-0.56	6.75	469.730	-4.00	6.77	469.748	100.00						
-6.85	469.761	-66.67	-6.75	469.830	-4.00	1726	+	0.00	8400243.43	305884.31	470.10	469.10	-1.00	6.75	469.830	-4.00	7.74	469.171	-66.67						
-7.12	469.681	-66.67	-6.75	469.930	-4.00	1727	+	0.00	8400242.03	305864.36	470.20	468.90	-1.30	6.75	469.930	-4.00	8.12	469.019	-66.67						
-7.32	469.647	-66.67	-6.75	470.030	-4.00	1728	+	0.00	8400240.63	305844.41	470.30	469.14	-1.16	6.75	470.030	-4.00	8.19	469.072	-66.67						
-7.49	469.639	-66.67	-6.75	470.130	-4.00	1729	+	0.00	8400239.23	305824.46	470.40	469.36	-1.04	6.75	470.130	-4.00	8.37	469.049	-66.67						
-7.69	469.601	-66.67	-6.75	470.230	-4.00	1730	+	0.00	8400237.84	305804.51	470.50	469.41	-1.09	6.75	470.230	-4.00	8.66	468.955	-66.67						
-7.82	469.605	-66.67	-6.75	470.320	-4.00	1731	+	0.00	8400236.44	305784.56	470.59	469.26	-1.33	6.75	470.320	-4.00	9.73	468.332	-66.67						
-7.88	469.640	-66.67	-6.75	470.390	-4.00	1732	+	0.00	8400235.04	305764.61	470.66	469.45	-1.21	6.75	470.390	-4.00	10.38	467.970	-66.67						
-7.93	469.651	-66.67	-6.75	470.440	-4.00	1733	+	0.00	8400233.64	305744.65	470.71	469.44	-1.27	6.75	470.440	-4.00	10.08	468.220	-66.67						
-8.02	469.626	-66.67	-6.75	470.470	-4.00	1734	+	0.00	8400232.24	305724.70	470.74	469.61	-1.13	6.75	470.470	-4.00	8.84	469.079	-66.67						
-7.97	469.665	-66.67	-6.75	470.480	-4.00	1735	+	0.00	8400230.85	305704.75	470.75	469.60	-1.15	6.75	470.480	-4.00	8.57	469.270	-66.67						
-8.13	469.551	-66.67	-6.75	470.470	-4.00	1736	+	0.00	8400229.45	305684.80	470.74	469.59	-1.15	6.75	470.470	-4.00	8.69	469.174	-66.67						
-8.24	469.445	-66.67	-6.75	470.440	-4.00	1737	+	0.00	8400228.05	305664.85	470.71	469.64	-1.07	6.75	470.440	-4.00	8.56	469.232	-66.67						
-8.22	469.412	-66.67	-6.75	470.390	-4.00	1738	+	0.00	8400226.65	305644.90	470.66	469.69	-0.97	6.75	470.390	-4.00	8.51	469.219	-66.67						
-8.17	469.377	-66.67	-6.75	470.320	-4.00	1739	+	0.00	8400225.25	305624.95	470.59	469.71	-0.88	6.75	470.320	-4.00	8.12	469.407	-66.67						
-8.12	469.319	-66.67	-6.75	470.230	-4.00	1740	+	0.00	8400223.86	305605.00	470.50	469.80	-0.70	6.75	470.230	-4.00	7.83	469.514	-66.67						
-8.04	469.271	-66.67	-6.75	470.130	-4.00	1741	+	0.00	8400222.46	305585.05	470.40	469.66	-0.74	6.75	470.130	-4.00	8.22	469.150	-66.67						
-7.88	469.275	-66.67	-6.75	470.030	-4.00	1742	+	0.00	8400221.06	305565.09	470.30	469.70	-0.60	6.75	470.030	-4.00	7.81	469.323	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.69	469.300	-66.67	-6.75	469.930	-4.00	1743	+	0.00	8400219.66	305545.14	470.20	469.75	-0.45	6.75	469.930	-4.00	7.64	469.339	-66.67						
-7.32	469.450	-66.67	-6.75	469.830	-4.00	1744	+	0.00	8400218.27	305525.19	470.10	469.90	-0.20	6.75	469.830	-4.00	7.39	469.406	-66.67						
-6.98	469.576	-66.67	-6.75	469.730	-4.00	1745	+	0.00	8400216.87	305505.24	470.00	469.95	-0.05	6.75	469.730	-4.00	7.10	469.498	-66.67						
-6.94	469.818	100.00	-6.75	469.630	-4.00	1746	+	0.00	8400215.47	305485.29	469.90	470.01	0.11	6.75	469.630	-4.00	6.79	469.603	-66.67						
-6.85	469.626	100.00	-6.75	469.530	-4.00	1747	+	0.00	8400214.07	305465.34	469.80	469.95	0.15	6.75	469.530	-4.00	6.83	469.609	100.00						
-6.95	469.635	100.00	-6.75	469.435	-4.00	1748	+	0.00	8400212.67	305445.39	469.71	469.76	0.05	6.75	469.435	-4.00	6.90	469.585	100.00						
-6.81	469.337	-66.67	-6.75	469.376	-4.00	1749	+	0.00	8400211.28	305425.44	469.65	469.61	-0.04	6.75	469.376	-4.00	6.81	469.432	100.00						
-7.20	469.057	-66.67	-6.75	469.357	-4.00	1750	+	0.00	8400209.88	305405.49	469.63	469.52	-0.11	6.75	469.357	-4.00	6.81	469.417	100.00						
-7.27	469.036	-66.67	-6.75	469.380	-4.00	1751	+	0.00	8400208.48	305385.54	469.65	469.48	-0.17	6.75	469.380	-4.00	6.87	469.495	100.00						
-7.43	468.991	-66.67	-6.75	469.443	-4.00	1752	+	0.00	8400207.08	305365.58	469.71	469.32	-0.40	6.75	469.443	-4.00	6.77	469.464	100.00						
-7.64	468.947	-66.67	-6.75	469.542	-4.00	1753	+	0.00	8400205.69	305345.63	469.81	469.22	-0.60	6.75	469.542	-4.00	6.80	469.507	-66.67						
-7.67	469.148	-66.67	-6.75	469.762	-2.28	1754	+	0.00	8400204.29	305325.68	469.92	469.14	-0.78	6.75	469.646	-4.00	6.87	469.564	-66.67						
-7.75	469.333	-66.67	-6.75	469.997	-0.34	1755	+	0.00	8400202.89	305305.73	470.02	469.08	-0.94	6.75	469.750	-4.00	6.90	469.647	-66.67						
-7.72	469.392	-66.67	-6.75	470.039	0.00	1755	+	3.56	8400202.64	305302.18	470.04	469.10	-0.94	6.75	469.769	-4.00	6.93	469.646	-66.67						
-8.08	469.343	-66.67	-6.75	470.231	1.59	1756	+	0.00	8400201.52	305285.78	470.12	469.18	-0.94	6.75	469.854	-4.00	7.11	469.612	-66.67						
-8.36	469.389	-66.67	-6.75	470.466	3.52	1757	+	0.00	8400200.36	305265.81	470.23	469.37	-0.86	6.75	469.958	-4.00	7.40	469.523	-66.67						
-8.71	469.393	-66.67	-6.75	470.698	5.46	1758	+	0.00	8400199.69	305245.82	470.33	469.23	-1.10	6.75	469.961	-5.46	7.50	469.461	-66.67						
-8.85	469.339	-66.67	-6.75	470.737	5.80	1758	+	3.56	8400199.64	305242.26	470.35	469.28	-1.07	6.75	469.954	-5.80	7.54	469.430	-66.67						
-8.86	469.400	-66.67	-6.75	470.804	5.80	1759	+	0.00	8400199.75	305225.82	470.41	469.14	-1.28	6.75	470.021	-5.80	7.58	469.471	-66.67						
-9.09	469.304	-66.67	-6.75	470.866	5.80	1760	+	0.00	8400200.61	305205.84	470.48	469.35	-1.13	6.75	470.083	-5.80	7.66	469.476	-66.67						
-9.14	469.318	-66.67	-6.75	470.908	5.80	1761	+	0.00	8400202.27	305185.91	470.52	469.00	-1.51	6.75	470.125	-5.80	7.95	469.322	-66.67						
-9.09	469.370	-66.67	-6.75	470.928	5.80	1762	+	0.00	8400204.72	305166.07	470.54	469.26	-1.28	6.75	470.145	-5.80	8.30	469.112	-66.67						
-9.19	469.307	-66.67	-6.75	470.930	5.80	1762	+	8.08	8400206.03	305158.09	470.54	469.32	-1.21	6.75	470.147	-5.80	8.58	468.926	-66.67						
-9.43	469.139	-66.67	-6.75	470.928	5.80	1763	+	0.00	8400207.96	305146.33	470.54	469.38	-1.16	6.75	470.145	-5.80	8.46	469.002	-66.67						
-9.07	469.362	-66.67	-6.75	470.906	5.80	1764	+	0.00	8400211.99	305126.74	470.52	469.36	-1.15	6.75	470.123	-5.80	8.29	469.095	-66.67						
-8.94	469.402	-66.67	-6.75	470.864	5.80	1765	+	0.00	8400216.80	305107.33	470.47	469.34	-1.13	6.75	470.081	-5.80	8.69	468.790	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO											
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-9.45	469.003	-66.67	-6.75	470.801	5.80	1766	+	0.00	8400222.39	305088.13	470.41	469.32	-1.10	6.75	470.018	-5.80	8.53	468.835	-66.67						
-9.10	469.181	-66.67	-6.75	470.751	5.80	1766	+	12.60	8400226.30	305076.15	470.36	469.26	-1.10	6.75	469.968	-5.80	8.47	468.824	-66.67						
-9.15	469.070	-66.67	-6.75	470.669	5.08	1767	+	0.00	8400228.73	305069.16	470.33	469.25	-1.08	6.75	469.982	-5.08	8.39	468.892	-66.67						
-8.88	469.019	-66.67	-6.75	470.436	3.15	1768	+	0.00	8400235.73	305050.43	470.22	469.18	-1.04	6.75	469.953	-4.00	8.46	468.813	-66.67						
-8.54	469.011	-66.67	-6.75	470.201	1.22	1769	+	0.00	8400243.13	305031.85	470.12	469.07	-1.05	6.75	469.849	-4.00	8.31	468.811	-66.67						
-8.29	469.026	-66.67	-6.75	470.053	0.00	1769	+	12.60	8400247.88	305020.18	470.05	469.14	-0.92	6.75	469.783	-4.00	8.23	468.799	-66.67						
-8.35	468.897	-66.67	-6.75	469.966	-0.72	1770	+	0.00	8400250.68	305013.33	470.01	469.20	-0.81	6.75	469.744	-4.00	8.45	468.609	-66.67						
-8.06	468.858	-66.67	-6.75	469.730	-2.65	1771	+	0.00	8400258.25	304994.82	469.91	469.20	-0.71	6.75	469.639	-4.00	8.07	468.761	-66.67						
-7.80	468.834	-66.67	-6.75	469.534	-4.00	1772	+	0.00	8400265.82	304976.31	469.80	469.17	-0.63	6.75	469.534	-4.00	8.07	468.656	-66.67						
-7.63	468.842	-66.67	-6.75	469.429	-4.00	1773	+	0.00	8400273.39	304957.79	469.70	469.19	-0.51	6.75	469.429	-4.00	8.21	468.456	-66.67						
-7.91	468.554	-66.67	-6.75	469.325	-4.00	1774	+	0.00	8400280.96	304939.28	469.60	469.21	-0.39	6.75	469.325	-4.00	7.85	468.591	-66.67						
-8.15	468.289	-66.67	-6.75	469.220	-4.00	1775	+	0.00	8400288.53	304920.77	469.49	469.14	-0.35	6.75	469.220	-4.00	7.87	468.476	-66.67						
-7.51	468.609	-66.67	-6.75	469.115	-4.00	1776	+	0.00	8400296.10	304902.26	469.39	469.14	-0.25	6.75	469.115	-4.00	7.65	468.512	-66.67						
-7.54	468.485	-66.67	-6.75	469.010	-4.00	1777	+	0.00	8400303.67	304883.74	469.28	468.97	-0.31	6.75	469.010	-4.00	7.95	468.211	-66.67						
-7.14	468.648	-66.67	-6.75	468.910	-4.00	1778	+	0.00	8400311.24	304865.23	469.18	468.93	-0.25	6.75	468.910	-4.00	7.65	468.308	-66.67						
-7.80	468.148	-66.67	-6.75	468.847	-4.00	1779	+	0.00	8400318.81	304846.72	469.12	468.89	-0.23	6.75	468.847	-4.00	7.40	468.414	-66.67						
-7.87	468.081	-66.67	-6.75	468.825	-4.00	1780	+	0.00	8400326.38	304828.21	469.10	468.84	-0.26	6.75	468.825	-4.00	7.74	468.167	-66.67						
-8.35	467.781	-66.67	-6.75	468.845	-4.00	1781	+	0.00	8400333.94	304809.69	469.12	468.83	-0.29	6.75	468.845	-4.00	7.81	468.140	-66.67						
-7.57	468.361	-66.67	-6.75	468.906	-4.00	1782	+	0.00	8400341.51	304791.18	469.18	468.83	-0.35	6.75	468.906	-4.00	7.80	468.206	-66.67						
-7.91	468.198	-66.67	-6.75	468.970	-4.00	1782	+	13.37	8400346.57	304778.81	469.24	468.87	-0.37	6.75	468.970	-4.00	7.76	468.295	-66.67						
-7.76	468.333	-66.67	-6.75	469.004	-4.00	1783	+	0.00	8400349.09	304772.67	469.27	468.90	-0.38	6.75	469.004	-4.00	7.51	468.500	-66.67						
-7.64	468.510	-66.67	-6.75	469.106	-4.00	1784	+	0.00	8400356.75	304754.20	469.38	468.94	-0.44	6.75	469.106	-4.00	7.75	468.438	-66.67						
-7.91	468.435	-66.67	-6.75	469.209	-4.00	1785	+	0.00	8400364.53	304735.77	469.48	468.98	-0.50	6.75	469.209	-4.00	7.45	468.743	-66.67						
-7.73	468.658	-66.67	-6.75	469.312	-4.00	1786	+	0.00	8400372.42	304717.40	469.58	469.05	-0.53	6.75	469.312	-4.00	7.62	468.734	-66.67						
-7.95	468.616	-66.67	-6.75	469.414	-4.00	1787	+	0.00	8400380.42	304699.07	469.68	469.10	-0.59	6.75	469.414	-4.00	7.92	468.633	-66.67						
-8.02	468.671	-66.67	-6.75	469.517	-4.00	1788	+	0.00	8400388.54	304680.79	469.79	469.08	-0.70	6.75	469.517	-4.00	7.80	468.817	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.94	468.816	-66.67	-6.75	469.609	-4.00	1789	+	0.00	8400396.77	304662.56	469.88	469.05	-0.83	6.75	469.609	-4.00	7.96	468.802	-66.67						
-8.01	468.840	-66.67	-6.75	469.680	-4.00	1790	+	0.00	8400405.11	304644.38	469.95	469.00	-0.95	6.75	469.680	-4.00	8.45	468.550	-66.67						
-7.99	468.903	-66.67	-6.75	469.731	-4.00	1791	+	0.00	8400413.56	304626.25	470.00	469.00	-1.00	6.75	469.731	-4.00	8.56	468.527	-66.67						
-8.24	468.766	-66.67	-6.75	469.761	-4.00	1792	+	0.00	8400422.12	304608.18	470.03	468.84	-1.19	6.75	469.761	-4.00	8.50	468.597	-66.67						
-8.10	468.866	-66.67	-6.75	469.769	-4.00	1792	+	14.13	8400428.25	304595.45	470.04	468.82	-1.22	6.75	469.769	-4.00	8.55	468.568	-66.67						
-8.02	468.920	-66.67	-6.75	469.769	-4.00	1793	+	0.00	8400430.80	304590.16	470.04	468.77	-1.27	6.75	469.769	-4.00	8.69	468.476	-66.67						
-7.97	468.945	-66.67	-6.75	469.757	-4.00	1794	+	0.00	8400439.58	304572.19	470.03	468.69	-1.34	6.75	469.757	-4.00	8.55	468.557	-66.67						
-7.93	468.938	-66.67	-6.75	469.724	-4.00	1795	+	0.00	8400448.48	304554.28	469.99	468.56	-1.44	6.75	469.724	-4.00	8.73	468.402	-66.67						
-7.91	468.900	-66.67	-6.75	469.671	-4.00	1796	+	0.00	8400457.48	304536.42	469.94	468.70	-1.24	6.75	469.671	-4.00	8.29	468.646	-66.67						
-7.92	468.818	-66.67	-6.75	469.596	-4.00	1797	+	0.00	8400466.60	304518.62	469.87	468.76	-1.11	6.75	469.596	-4.00	8.45	468.460	-66.67						
-7.53	468.981	-66.67	-6.75	469.501	-4.00	1798	+	0.00	8400475.83	304500.87	469.77	469.04	-0.73	6.75	469.501	-4.00	7.91	468.727	-66.67						
-7.90	468.626	-66.67	-6.75	469.395	-4.00	1799	+	0.00	8400485.16	304483.19	469.67	469.18	-0.48	6.75	469.395	-4.00	7.93	468.607	-66.67						
-7.63	468.700	-66.67	-6.75	469.289	-4.00	1800	+	0.00	8400494.60	304465.56	469.56	469.16	-0.40	6.75	469.289	-4.00	7.71	468.650	-66.67						
-7.49	468.687	-66.67	-6.75	469.183	-4.00	1801	+	0.00	8400504.15	304447.98	469.45	469.10	-0.36	6.75	469.183	-4.00	7.34	468.792	-66.67						
-6.79	469.049	-66.67	-6.75	469.077	-4.00	1802	+	0.00	8400513.81	304430.47	469.35	469.07	-0.28	6.75	469.077	-4.00	6.80	469.046	-66.67						
-7.18	468.712	-66.67	-6.75	468.998	-4.00	1802	+	14.89	8400521.07	304417.47	469.27	469.06	-0.21	6.75	468.998	-4.00	6.77	469.017	100.00						
-6.76	468.981	100.00	-6.75	468.971	-4.00	1803	+	0.00	8400523.57	304413.02	469.24	469.00	-0.24	6.75	468.971	-4.00	6.80	469.017	100.00						
-6.83	468.941	100.00	-6.75	468.865	-4.00	1804	+	0.00	8400533.37	304395.58	469.14	469.04	-0.10	6.75	468.865	-4.00	6.93	469.047	100.00						
-6.76	468.751	-66.67	-6.75	468.759	-4.00	1805	+	0.00	8400543.16	304378.14	469.03	468.95	-0.08	6.75	468.759	-4.00	7.01	469.022	100.00						
-6.90	468.807	100.00	-6.75	468.654	-4.00	1806	+	0.00	8400552.95	304360.70	468.92	468.90	-0.03	6.75	468.654	-4.00	6.96	468.863	100.00						
-6.86	468.475	-66.67	-6.75	468.548	-4.00	1807	+	0.00	8400562.74	304343.26	468.82	468.68	-0.13	6.75	468.548	-4.00	7.00	468.796	100.00						
-6.81	468.511	100.00	-6.75	468.447	-4.00	1808	+	0.00	8400572.54	304325.82	468.72	468.79	0.07	6.75	468.447	-4.00	7.03	468.731	100.00						
-6.85	468.479	100.00	-6.75	468.382	-4.00	1809	+	0.00	8400582.33	304308.38	468.65	468.59	-0.07	6.75	468.382	-4.00	7.05	468.683	100.00						
-6.89	468.496	100.00	-6.75	468.359	-4.00	1810	+	0.00	8400592.12	304290.95	468.63	468.52	-0.11	6.75	468.359	-4.00	7.14	468.747	100.00						
-6.78	468.355	-66.67	-6.75	468.376	-4.00	1811	+	0.00	8400601.92	304273.51	468.65	468.55	-0.10	6.75	468.376	-4.00	7.11	468.738	100.00						
-6.87	468.353	-66.67	-6.75	468.435	-4.00	1812	+	0.00	8400611.71	304256.07	468.71	468.63	-0.08	6.75	468.435	-4.00	7.00	468.689	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.96	468.393	-66.67	-6.75	468.530	-4.00	1813	+	0.00	8400621.50	304238.63	468.80	468.61	-0.19	6.75	468.530	-4.00	6.88	468.656	100.00						
-7.31	468.256	-66.67	-6.75	468.630	-4.00	1814	+	0.00	8400631.29	304221.19	468.90	468.46	-0.44	6.75	468.630	-4.00	6.79	468.606	-66.67						
-7.40	468.297	-66.67	-6.75	468.730	-4.00	1815	+	0.00	8400641.09	304203.75	469.00	468.51	-0.49	6.75	468.730	-4.00	6.84	468.671	-66.67						
-7.69	468.202	-66.67	-6.75	468.830	-4.00	1816	+	0.00	8400650.88	304186.31	469.10	468.45	-0.66	6.75	468.830	-4.00	7.30	468.462	-66.67						
-7.96	468.122	-66.67	-6.75	468.930	-4.00	1817	+	0.00	8400660.67	304168.88	469.20	468.41	-0.80	6.75	468.930	-4.00	7.57	468.380	-66.67						
-8.18	468.080	-66.67	-6.75	469.030	-4.00	1818	+	0.00	8400670.46	304151.44	469.30	468.42	-0.88	6.75	469.030	-4.00	8.08	468.141	-66.67						
-8.41	468.024	-66.67	-6.75	469.130	-4.00	1819	+	0.00	8400680.26	304134.00	469.40	468.43	-0.97	6.75	469.130	-4.00	8.52	467.950	-66.67						
-8.53	468.042	-66.67	-6.75	469.230	-4.00	1820	+	0.00	8400690.05	304116.56	469.50	468.43	-1.07	6.75	469.230	-4.00	8.82	467.853	-66.67						
-8.70	468.027	-66.67	-6.75	469.330	-4.00	1821	+	0.00	8400699.84	304099.12	469.60	468.42	-1.18	6.75	469.330	-4.00	8.72	468.014	-66.67						
-8.99	467.934	-66.67	-6.75	469.430	-4.00	1822	+	0.00	8400709.63	304081.68	469.70	468.39	-1.31	6.75	469.430	-4.00	9.08	467.874	-66.67						
-9.40	467.764	-66.67	-6.75	469.530	-4.00	1823	+	0.00	8400719.43	304064.24	469.80	468.35	-1.45	6.75	469.530	-4.00	9.04	468.001	-66.67						
-9.41	467.856	-66.67	-6.75	469.630	-4.00	1824	+	0.00	8400729.22	304046.81	469.90	468.33	-1.57	6.75	469.630	-4.00	9.04	468.103	-66.67						
-9.48	467.913	-66.67	-6.75	469.730	-4.00	1825	+	0.00	8400739.01	304029.37	470.00	468.31	-1.69	6.75	469.730	-4.00	9.35	467.996	-66.67						
-9.51	467.981	-66.67	-6.75	469.820	-4.00	1826	+	0.00	8400748.80	304011.93	470.09	468.33	-1.76	6.75	469.820	-4.00	9.34	468.093	-66.67						
-9.60	467.990	-66.67	-6.75	469.890	-4.00	1827	+	0.00	8400758.60	303994.49	470.16	468.29	-1.87	6.75	469.890	-4.00	9.09	468.332	-66.67						
-9.85	467.872	-66.67	-6.75	469.940	-4.00	1828	+	0.00	8400768.39	303977.05	470.21	468.25	-1.96	6.75	469.940	-4.00	9.51	468.097	-66.67						
-9.84	467.907	-66.67	-6.75	469.970	-4.00	1829	+	0.00	8400778.18	303959.61	470.24	468.20	-2.04	6.75	469.970	-4.00	9.53	468.119	-66.67						
-9.90	467.882	-66.67	-6.75	469.980	-4.00	1830	+	0.00	8400787.98	303942.17	470.25	468.16	-2.09	6.75	469.980	-4.00	9.70	468.016	-66.67						
-9.88	467.881	-66.67	-6.75	469.970	-4.00	1831	+	0.00	8400797.77	303924.74	470.24	468.04	-2.20	6.75	469.970	-4.00	9.86	467.895	-66.67						
-9.95	467.805	-66.67	-6.75	469.940	-4.00	1832	+	0.00	8400807.56	303907.30	470.21	467.92	-2.29	6.75	469.940	-4.00	10.13	467.684	-66.67						
-10.01	467.720	-66.67	-6.75	469.890	-4.00	1833	+	0.00	8400817.35	303889.86	470.16	467.84	-2.32	6.75	469.890	-4.00	10.70	467.259	-66.67						
-10.08	467.683	-66.67	-6.75	469.905	-2.75	1834	+	0.00	8400827.15	303872.42	470.09	467.78	-2.31	6.75	469.820	-4.00	10.53	467.298	-66.67						
-10.24	467.679	-66.67	-6.75	470.007	0.10	1835	+	0.00	8400836.94	303854.98	470.00	467.83	-2.17	6.75	469.730	-4.00	10.45	467.265	-66.67						
-10.35	467.665	-66.67	-6.75	470.063	1.60	1835	+	8.99	8400841.34	303847.14	469.96	467.90	-2.06	6.75	469.685	-4.00	10.03	467.500	-66.67						
-10.32	467.754	-66.67	-6.75	470.132	3.43	1836	+	0.00	8400846.78	303837.57	469.90	468.00	-1.90	6.75	469.630	-4.00	9.84	467.568	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-9.93	467.953	-66.67	-6.75	470.070	4.00	1837	+	0.00	8400856.94	303820.34	469.80	468.13	-1.67	6.75	469.530	-4.00	9.43	467.746	-66.67						
-9.67	468.022	-66.67	-6.75	469.970	4.00	1838	+	0.00	8400867.44	303803.32	469.70	468.14	-1.56	6.75	469.430	-4.00	9.39	467.670	-66.67						
-9.46	468.065	-66.67	-6.75	469.870	4.00	1839	+	0.00	8400878.28	303786.51	469.60	468.22	-1.38	6.75	469.330	-4.00	8.80	467.967	-66.67						
-9.53	467.919	-66.67	-6.75	469.774	4.00	1839	+	19.17	8400888.99	303770.61	469.50	468.14	-1.36	6.75	469.234	-4.00	8.88	467.813	-66.67						
-9.54	467.908	-66.67	-6.75	469.770	4.00	1840	+	0.00	8400889.45	303769.92	469.50	468.13	-1.37	6.75	469.230	-4.00	8.82	467.848	-66.67						
-9.73	467.682	-66.67	-6.75	469.670	4.00	1841	+	0.00	8400900.95	303753.56	469.40	467.86	-1.54	6.75	469.130	-4.00	9.03	467.610	-66.67						
-9.66	467.634	-66.67	-6.75	469.570	4.00	1842	+	0.00	8400912.78	303737.43	469.30	467.71	-1.59	6.75	469.030	-4.00	9.16	467.425	-66.67						
-9.54	467.609	-66.67	-6.75	469.470	4.00	1843	+	0.00	8400924.92	303721.54	469.20	467.63	-1.57	6.75	468.930	-4.00	9.09	467.373	-66.67						
-9.25	467.649	-66.67	-6.75	469.313	3.16	1844	+	0.00	8400937.38	303705.90	469.10	467.61	-1.49	6.75	468.830	-4.00	9.40	467.065	-66.67						
-9.25	467.496	-66.67	-6.75	469.161	1.60	1844	+	9.35	8400943.32	303698.67	469.05	467.63	-1.43	6.75	468.783	-4.00	9.44	466.992	-66.67						
-8.94	467.531	-66.67	-6.75	468.990	-0.15	1845	+	0.00	8400950.11	303690.47	469.00	467.66	-1.34	6.75	468.730	-4.00	8.97	467.250	-66.67						
-8.33	467.645	-66.67	-6.75	468.699	-2.98	1846	+	0.00	8400962.87	303675.07	468.90	467.65	-1.25	6.75	468.630	-4.00	9.01	467.122	-66.67						
-8.06	467.658	-66.67	-6.75	468.530	-4.00	1847	+	0.00	8400975.63	303659.68	468.80	467.75	-1.05	6.75	468.530	-4.00	8.57	467.319	-66.67						
-7.99	467.604	-66.67	-6.75	468.430	-4.00	1848	+	0.00	8400988.40	303644.28	468.70	467.81	-0.89	6.75	468.430	-4.00	8.43	467.312	-66.67						
-7.97	467.518	-66.67	-6.75	468.330	-4.00	1849	+	0.00	8401001.16	303628.88	468.60	467.85	-0.75	6.75	468.330	-4.00	8.20	467.366	-66.67						
-8.16	467.290	-66.67	-6.75	468.230	-4.00	1850	+	0.00	8401013.92	303613.48	468.50	467.75	-0.75	6.75	468.230	-4.00	8.02	467.381	-66.67						
-7.88	467.380	-66.67	-6.75	468.130	-4.00	1851	+	0.00	8401026.68	303598.08	468.40	467.54	-0.86	6.75	468.130	-4.00	8.06	467.259	-66.67						
-7.91	467.259	-66.67	-6.75	468.030	-4.00	1852	+	0.00	8401039.44	303582.68	468.30	467.33	-0.97	6.75	468.030	-4.00	8.07	467.150	-66.67						
-8.42	466.815	-66.67	-6.75	467.930	-4.00	1853	+	0.00	8401052.21	303567.28	468.20	467.19	-1.01	6.75	467.930	-4.00	8.44	466.807	-66.67						
-8.06	466.959	-66.67	-6.75	467.830	-4.00	1854	+	0.00	8401064.97	303551.88	468.10	467.13	-0.97	6.75	467.830	-4.00	8.57	466.614	-66.67						
-7.91	466.960	-66.67	-6.75	467.730	-4.00	1855	+	0.00	8401077.73	303536.48	468.00	467.07	-0.93	6.75	467.730	-4.00	8.14	466.802	-66.67						
-7.78	466.941	-66.67	-6.75	467.630	-4.00	1856	+	0.00	8401090.49	303521.08	467.90	467.07	-0.83	6.75	467.630	-4.00	7.76	466.954	-66.67						
-7.24	467.202	-66.67	-6.75	467.530	-4.00	1857	+	0.00	8401103.25	303505.68	467.80	467.17	-0.63	6.75	467.530	-4.00	7.36	467.121	-66.67						
-6.88	467.346	-66.67	-6.75	467.430	-4.00	1858	+	0.00	8401116.02	303490.29	467.70	467.28	-0.43	6.75	467.430	-4.00	7.41	466.992	-66.67						
-6.79	467.367	100.00	-6.75	467.330	-4.00	1859	+	0.00	8401128.78	303474.89	467.60	467.19	-0.41	6.75	467.330	-4.00	7.14	467.068	-66.67						
-6.80	467.278	100.00	-6.75	467.230	-4.00	1860	+	0.00	8401141.54	303459.49	467.50	467.03	-0.47	6.75	467.230	-4.00	7.15	466.964	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.76	467.142	100.00	-6.75	467.130	-4.00	1861	+	0.00	8401154.30	303444.09	467.40	466.78	-0.62	6.75	467.130	-4.00	6.82	467.082	-66.67						
-6.89	466.936	-66.67	-6.75	467.030	-4.00	1862	+	0.00	8401167.06	303428.69	467.30	466.70	-0.60	6.75	467.030	-4.00	7.25	466.697	-66.67						
-6.96	466.789	-66.67	-6.75	466.930	-4.00	1863	+	0.00	8401179.83	303413.29	467.20	466.58	-0.62	6.75	466.930	-4.00	7.01	466.757	-66.67						
-6.93	466.708	-66.67	-6.75	466.830	-4.00	1864	+	0.00	8401192.59	303397.89	467.10	466.52	-0.58	6.75	466.830	-4.00	7.35	466.432	-66.67						
-6.94	466.601	-66.67	-6.75	466.730	-4.00	1865	+	0.00	8401205.35	303382.49	467.00	466.55	-0.45	6.75	466.730	-4.00	6.93	466.613	-66.67						
-6.78	466.614	-66.67	-6.75	466.630	-4.00	1866	+	0.00	8401218.11	303367.09	466.90	466.46	-0.44	6.75	466.630	-4.00	7.30	466.261	-66.67						
-6.76	466.527	-66.67	-6.75	466.530	-4.00	1867	+	0.00	8401230.87	303351.69	466.80	466.49	-0.31	6.75	466.530	-4.00	7.37	466.119	-66.67						
-6.79	466.465	100.00	-6.75	466.430	-4.00	1868	+	0.00	8401243.64	303336.29	466.70	466.46	-0.24	6.75	466.430	-4.00	7.08	466.208	-66.67						
-6.83	466.413	100.00	-6.75	466.330	-4.00	1869	+	0.00	8401256.40	303320.90	466.60	466.42	-0.18	6.75	466.330	-4.00	6.99	466.169	-66.67						
-6.94	466.420	100.00	-6.75	466.230	-4.00	1870	+	0.00	8401269.16	303305.50	466.50	466.42	-0.08	6.75	466.230	-4.00	7.21	465.925	-66.67						
-7.18	466.559	100.00	-6.75	466.130	-4.00	1871	+	0.00	8401281.92	303290.10	466.40	466.32	-0.08	6.75	466.130	-4.00	6.84	466.074	-66.67						
-7.12	466.401	100.00	-6.75	466.030	-4.00	1872	+	0.00	8401294.68	303274.70	466.30	466.20	-0.10	6.75	466.030	-4.00	6.82	466.098	100.00						
-6.83	466.016	100.00	-6.75	465.936	-4.00	1873	+	0.00	8401307.45	303259.30	466.21	466.04	-0.17	6.75	465.936	-4.00	6.77	465.920	-66.67						
-6.76	465.889	100.00	-6.75	465.881	-4.00	1874	+	0.00	8401320.21	303243.90	466.15	465.87	-0.28	6.75	465.881	-4.00	6.82	465.837	-66.67						
-6.76	465.895	100.00	-6.75	465.871	-4.00	1875	+	0.00	8401332.97	303228.50	466.14	465.85	-0.29	6.75	465.871	-4.00	6.76	465.882	100.00						
-6.76	465.902	-66.67	-6.75	465.907	-4.00	1876	+	0.00	8401345.73	303213.10	466.18	465.81	-0.37	6.75	465.907	-4.00	6.85	465.840	-66.67						
-6.81	465.945	-66.67	-6.75	465.987	-4.00	1877	+	0.00	8401358.49	303197.70	466.26	465.87	-0.39	6.75	465.987	-4.00	6.88	465.901	-66.67						
-6.96	465.967	-66.67	-6.75	466.107	-4.00	1878	+	0.00	8401371.26	303182.30	466.38	465.98	-0.40	6.75	466.107	-4.00	6.95	465.975	-66.67						
-7.19	465.939	-66.67	-6.75	466.233	-4.00	1879	+	0.00	8401384.02	303166.90	466.50	465.92	-0.58	6.75	466.233	-4.00	7.14	465.976	-66.67						
-7.73	465.708	-66.67	-6.75	466.359	-4.00	1880	+	0.00	8401396.78	303151.51	466.63	465.73	-0.90	6.75	466.359	-4.00	7.58	465.808	-66.67						
-8.11	465.564	-66.67	-6.75	466.472	-4.00	1881	+	0.00	8401409.54	303136.11	466.74	465.50	-1.25	6.75	466.472	-4.00	8.23	465.488	-66.67						
-8.67	465.277	-66.67	-6.75	466.558	-4.00	1882	+	0.00	8401422.30	303120.71	466.83	465.32	-1.51	6.75	466.558	-4.00	8.83	465.170	-66.67						
-9.01	465.109	-66.67	-6.75	466.618	-4.00	1883	+	0.00	8401435.07	303105.31	466.89	465.14	-1.75	6.75	466.618	-4.00	9.50	464.785	-66.67						
-9.14	465.060	-66.67	-6.75	466.651	-4.00	1884	+	0.00	8401447.83	303089.91	466.92	465.17	-1.75	6.75	466.651	-4.00	9.32	464.938	-66.67						
-9.28	464.970	-66.67	-6.75	466.658	-4.00	1885	+	0.00	8401460.59	303074.51	466.93	465.20	-1.73	6.75	466.658	-4.00	9.14	465.064	-66.67						
-9.00	465.141	-66.67	-6.75	466.639	-4.00	1886	+	0.00	8401473.35	303059.11	466.91	465.24	-1.66	6.75	466.639	-4.00	9.11	465.064	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.93	465.138	-66.67	-6.75	466.593	-4.00	1887	+	0.00	8401486.11	303043.71	466.86	465.24	-1.63	6.75	466.593	-4.00	9.25	464.925	-66.67						
-8.65	465.253	-66.67	-6.75	466.522	-4.00	1888	+	0.00	8401498.88	303028.31	466.79	465.22	-1.58	6.75	466.522	-4.00	8.97	465.039	-66.67						
-8.54	465.229	-66.67	-6.75	466.423	-4.00	1889	+	0.00	8401511.64	303012.91	466.69	465.23	-1.46	6.75	466.423	-4.00	8.83	465.035	-66.67						
-8.19	465.339	-66.67	-6.75	466.298	-4.00	1890	+	0.00	8401524.40	302997.51	466.57	465.34	-1.23	6.75	466.298	-4.00	8.35	465.234	-66.67						
-7.72	465.515	-66.67	-6.75	466.161	-4.00	1891	+	0.00	8401537.16	302982.12	466.43	465.42	-1.02	6.75	466.161	-4.00	7.81	465.453	-66.67						
-7.36	465.619	-66.67	-6.75	466.023	-4.00	1892	+	0.00	8401549.92	302966.72	466.29	465.65	-0.64	6.75	466.023	-4.00	7.20	465.722	-66.67						
-7.07	465.674	-66.67	-6.75	465.885	-4.00	1893	+	0.00	8401562.69	302951.32	466.16	465.78	-0.38	6.75	465.885	-4.00	6.98	465.733	-66.67						
-6.83	465.697	-66.67	-6.75	465.747	-4.00	1894	+	0.00	8401575.45	302935.92	466.02	465.77	-0.25	6.75	465.747	-4.00	6.89	465.887	100.00						
-6.81	465.571	-66.67	-6.75	465.609	-4.00	1895	+	0.00	8401588.21	302920.52	465.88	465.69	-0.19	6.75	465.609	-4.00	6.76	465.623	100.00						
-6.89	465.608	100.00	-6.75	465.471	-4.00	1896	+	0.00	8401600.97	302905.12	465.74	465.63	-0.11	6.75	465.471	-4.00	7.04	465.756	100.00						
-6.89	465.477	100.00	-6.75	465.333	-4.00	1897	+	0.00	8401613.73	302889.72	465.60	465.64	0.03	6.75	465.333	-4.00	7.02	465.598	100.00						
-7.07	465.511	100.00	-6.75	465.195	-4.00	1898	+	0.00	8401626.50	302874.32	465.47	465.55	0.08	6.75	465.195	-4.00	6.90	465.341	100.00						
-7.15	465.453	100.00	-6.75	465.057	-4.00	1899	+	0.00	8401639.26	302858.92	465.33	465.43	0.11	6.75	465.057	-4.00	7.07	465.373	100.00						
-7.25	465.414	100.00	-6.75	464.919	-4.00	1900	+	0.00	8401652.02	302843.52	465.19	465.25	0.06	6.75	464.919	-4.00	7.00	465.171	100.00						
-6.96	464.993	100.00	-6.75	464.782	-4.00	1901	+	0.00	8401664.78	302828.12	465.05	464.96	-0.09	6.75	464.782	-4.00	6.87	464.905	100.00						
-6.96	464.849	100.00	-6.75	464.644	-4.00	1902	+	0.00	8401677.54	302812.73	464.91	464.68	-0.24	6.75	464.644	-4.00	6.94	464.514	-66.67						
-6.79	464.550	100.00	-6.75	464.515	-4.00	1903	+	0.00	8401690.31	302797.33	464.79	464.49	-0.30	6.75	464.515	-4.00	7.33	464.127	-66.67						
-6.80	464.420	-66.67	-6.75	464.454	-4.00	1904	+	0.00	8401703.07	302781.93	464.72	464.30	-0.42	6.75	464.454	-4.00	7.51	463.949	-66.67						
-6.95	464.334	-66.67	-6.75	464.470	-4.00	1905	+	0.00	8401715.83	302766.53	464.74	464.26	-0.48	6.75	464.470	-4.00	7.57	463.922	-66.67						
-6.96	464.420	-66.67	-6.75	464.562	-4.00	1906	+	0.00	8401728.59	302751.13	464.83	464.38	-0.45	6.75	464.562	-4.00	7.03	464.379	-66.67						
-6.77	464.717	-66.67	-6.75	464.731	-4.00	1907	+	0.00	8401741.35	302735.73	465.00	464.57	-0.43	6.75	464.838	-2.41	7.42	464.392	-66.67						
-6.89	465.106	100.00	-6.75	464.967	-4.00	1908	+	0.00	8401754.12	302720.33	465.24	464.81	-0.43	6.75	465.210	-0.41	7.15	464.942	-66.67						
-6.80	465.073	100.00	-6.75	465.018	-4.00	1908	+	4.12	8401756.75	302717.16	465.29	464.87	-0.42	6.75	465.288	0.00	7.30	464.921	-66.67						
-6.80	465.265	100.00	-6.75	465.213	-4.00	1909	+	0.00	8401766.86	302704.92	465.48	465.17	-0.31	6.75	465.590	1.59	7.55	465.057	-66.67						
-6.84	465.544	100.00	-6.75	465.459	-4.00	1910	+	0.00	8401779.43	302689.36	465.73	465.55	-0.18	6.75	465.971	3.59	7.52	465.460	-66.67						
-7.00	465.834	100.00	-6.75	465.581	-5.59	1911	+	0.00	8401791.62	302673.51	465.96	465.85	-0.11	6.75	466.335	5.59	7.44	465.875	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO											
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.99	465.824	100.00	-6.75	465.588	-5.80	1911	+	2.12	8401792.88	302671.80	465.98	465.86	-0.12	6.75	466.371	5.80	7.62	465.794	-66.67						
-7.05	466.040	100.00	-6.75	465.746	-5.80	1912	+	0.00	8401803.21	302657.21	466.14	466.07	-0.07	6.75	466.529	5.80	7.69	465.902	-66.67						
-7.08	466.209	100.00	-6.75	465.875	-5.80	1913	+	0.00	8401814.14	302640.46	466.27	466.27	0.00	6.75	466.658	5.80	7.34	466.266	-66.67						
-7.09	466.256	100.00	-6.75	465.920	-5.80	1913	+	9.77	8401819.15	302632.07	466.31	466.22	-0.09	6.75	466.703	5.80	7.25	466.373	-66.67						
-6.98	466.183	100.00	-6.75	465.954	-5.80	1914	+	0.00	8401824.39	302623.29	466.35	466.24	-0.11	6.75	466.737	5.80	7.63	466.147	-66.67						
-7.03	466.259	100.00	-6.75	465.983	-5.80	1915	+	0.00	8401833.95	302605.73	466.38	466.34	-0.03	6.75	466.766	5.80	7.77	466.085	-66.67						
-7.10	466.319	100.00	-6.75	465.968	-5.80	1915	+	17.42	8401841.70	302590.12	466.36	466.34	-0.02	6.75	466.751	5.80	7.93	465.965	-66.67						
-7.08	466.312	100.00	-6.75	465.980	-5.54	1916	+	0.00	8401842.80	302587.79	466.35	466.29	-0.06	6.75	466.728	5.54	7.94	465.933	-66.67						
-6.80	466.067	100.00	-6.75	466.013	-4.00	1917	+	0.00	8401850.98	302569.54	466.28	466.16	-0.12	6.75	466.522	3.54	7.63	465.937	-66.67						
-6.81	465.952	100.00	-6.75	465.892	-4.00	1918	+	0.00	8401858.72	302551.10	466.16	466.00	-0.16	6.75	466.267	1.54	7.41	465.828	-66.67						
-6.99	465.604	-66.67	-6.75	465.765	-4.00	1918	+	15.42	8401864.54	302536.81	466.04	465.72	-0.32	6.75	466.035	0.00	7.42	465.588	-66.67						
-7.21	465.417	-66.67	-6.75	465.722	-4.00	1919	+	0.00	8401866.26	302532.57	465.99	465.62	-0.37	6.75	465.961	-0.46	7.37	465.546	-66.67						
-7.37	465.089	-66.67	-6.75	465.501	-4.00	1920	+	0.00	8401873.78	302514.04	465.77	465.15	-0.63	6.75	465.605	-2.46	7.62	465.026	-66.67						
-7.91	464.476	-66.67	-6.75	465.247	-4.00	1921	+	0.00	8401881.29	302495.51	465.52	464.51	-1.01	6.75	465.247	-4.00	7.72	464.601	-66.67						
-8.10	464.101	-66.67	-6.75	464.999	-4.00	1922	+	0.00	8401888.81	302476.98	465.27	464.01	-1.26	6.75	464.999	-4.00	8.21	464.028	-66.67						
-8.49	463.636	-66.67	-6.75	464.796	-4.00	1923	+	0.00	8401896.33	302458.44	465.07	463.60	-1.46	6.75	464.796	-4.00	8.81	463.425	-66.67						
-8.67	463.365	-66.67	-6.75	464.642	-4.00	1924	+	0.00	8401903.85	302439.91	464.91	463.31	-1.60	6.75	464.642	-4.00	8.81	463.272	-66.67						
-8.63	463.288	-66.67	-6.75	464.540	-4.00	1925	+	0.00	8401911.37	302421.38	464.81	463.22	-1.59	6.75	464.540	-4.00	8.81	463.166	-66.67						
-8.28	463.466	-66.67	-6.75	464.488	-4.00	1926	+	0.00	8401918.89	302402.84	464.76	463.26	-1.50	6.75	464.488	-4.00	8.52	463.307	-66.67						
-7.77	463.810	-66.67	-6.75	464.487	-4.00	1927	+	0.00	8401926.41	302384.31	464.76	463.54	-1.22	6.75	464.487	-4.00	8.15	463.555	-66.67						
-7.34	464.146	-66.67	-6.75	464.536	-4.00	1928	+	0.00	8401933.93	302365.78	464.81	463.99	-0.81	6.75	464.536	-4.00	7.75	463.870	-66.67						
-6.88	464.546	-66.67	-6.75	464.630	-4.00	1929	+	0.00	8401941.45	302347.25	464.90	464.40	-0.50	6.75	464.630	-4.00	7.37	464.214	-66.67						
-7.00	464.978	100.00	-6.75	464.730	-4.00	1930	+	0.00	8401948.97	302328.71	465.00	464.57	-0.43	6.75	464.730	-4.00	7.08	464.508	-66.67						
-7.14	465.223	100.00	-6.75	464.830	-4.00	1931	+	0.00	8401956.49	302310.18	465.10	464.84	-0.26	6.75	464.830	-4.00	6.80	464.797	-66.67						
-7.18	465.360	100.00	-6.75	464.930	-4.00	1932	+	0.00	8401964.00	302291.65	465.20	465.11	-0.09	6.75	464.930	-4.00	6.94	465.124	100.00						
-7.33	465.613	100.00	-6.75	465.030	-4.00	1933	+	0.00	8401971.52	302273.12	465.30	465.30	0.00	6.75	465.030	-4.00	7.22	465.496	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.36	465.743	100.00	-6.75	465.130	-4.00	1934	+	0.00	8401979.04	302254.58	465.40	465.64	0.24	6.75	465.252	-2.19	7.24	465.742	100.00						
-7.03	465.509	100.00	-6.75	465.230	-4.00	1935	+	0.00	8401986.56	302236.05	465.50	465.86	0.36	6.75	465.530	0.44	6.94	465.724	100.00						
-7.18	465.706	100.00	-6.75	465.277	-4.00	1935	+	9.46	8401990.12	302227.28	465.55	465.78	0.24	6.75	465.661	1.68	6.80	465.631	-66.67						
-7.21	465.791	100.00	-6.75	465.330	-4.00	1936	+	0.00	8401994.01	302217.49	465.60	465.75	0.15	6.75	465.807	3.06	7.03	465.621	-66.67						
-7.18	465.842	100.00	-6.75	465.417	-4.20	1937	+	0.00	8402001.02	302198.76	465.70	465.58	-0.12	6.75	465.984	4.20	7.25	465.649	-66.67						
-6.91	465.675	100.00	-6.75	465.517	-4.20	1938	+	0.00	8402007.53	302179.85	465.80	465.54	-0.26	6.75	466.084	4.20	7.40	465.653	-66.67						
-7.10	465.384	-66.67	-6.75	465.617	-4.20	1939	+	0.00	8402013.53	302160.77	465.90	465.43	-0.47	6.75	466.184	4.20	7.68	465.562	-66.67						
-7.19	465.426	-66.67	-6.75	465.717	-4.20	1940	+	0.00	8402019.02	302141.54	466.00	465.44	-0.56	6.75	466.284	4.20	7.99	465.459	-66.67						
-7.48	465.328	-66.67	-6.75	465.817	-4.20	1941	+	0.00	8402023.99	302122.17	466.10	465.56	-0.54	6.75	466.384	4.20	8.31	465.344	-66.67						
-7.53	465.391	-66.67	-6.75	465.914	-4.20	1941	+	19.42	8402028.32	302103.23	466.20	465.40	-0.80	6.75	466.481	4.20	8.50	465.314	-66.67						
-7.52	465.400	-66.67	-6.75	465.917	-4.20	1942	+	0.00	8402028.45	302102.67	466.20	465.40	-0.80	6.75	466.484	4.20	8.48	465.328	-66.67						
-7.88	465.267	-66.67	-6.75	466.017	-4.20	1943	+	0.00	8402032.38	302083.06	466.30	465.23	-1.07	6.75	466.584	4.20	8.70	465.284	-66.67						
-8.06	465.246	-66.67	-6.75	466.117	-4.20	1944	+	0.00	8402035.79	302063.35	466.40	465.20	-1.20	6.75	466.684	4.20	9.18	465.061	-66.67						
-8.24	465.226	-66.67	-6.75	466.217	-4.20	1945	+	0.00	8402038.68	302043.56	466.50	465.04	-1.46	6.75	466.784	4.20	9.26	465.112	-66.67						
-8.00	465.467	-66.67	-6.75	466.302	-4.20	1946	+	0.00	8402041.03	302023.70	466.59	465.17	-1.42	6.75	466.869	4.20	9.44	465.078	-66.67						
-7.89	465.597	-66.67	-6.75	466.359	-4.20	1947	+	0.00	8402042.86	302003.79	466.64	465.16	-1.48	6.75	466.926	4.20	9.31	465.222	-66.67						
-7.98	465.582	-66.67	-6.75	466.401	-4.00	1948	+	0.00	8402044.15	301983.83	466.67	465.25	-1.42	6.75	466.868	2.91	9.33	465.149	-66.67						
-8.05	465.541	-66.67	-6.75	466.404	-4.00	1948	+	9.38	8402044.57	301974.46	466.67	465.15	-1.52	6.75	466.788	1.68	9.05	465.253	-66.67						
-8.21	465.427	-66.67	-6.75	466.401	-4.00	1949	+	0.00	8402044.99	301963.85	466.67	465.38	-1.30	6.75	466.690	0.29	9.01	465.182	-66.67						
-8.14	465.445	-66.67	-6.75	466.372	-4.00	1950	+	0.00	8402045.76	301943.86	466.64	465.50	-1.14	6.75	466.484	-2.34	8.65	465.217	-66.67						
-8.04	465.453	-66.67	-6.75	466.314	-4.00	1951	+	0.00	8402046.54	301923.88	466.58	465.56	-1.03	6.75	466.314	-4.00	8.21	465.344	-66.67						
-7.89	465.466	-66.67	-6.75	466.228	-4.00	1952	+	0.00	8402047.32	301903.89	466.50	465.41	-1.09	6.75	466.228	-4.00	7.81	465.519	-66.67						
-7.54	465.589	-66.67	-6.75	466.113	-4.00	1953	+	0.00	8402048.09	301883.91	466.38	465.38	-1.00	6.75	466.113	-4.00	7.52	465.599	-66.67						
-7.31	465.596	-66.67	-6.75	465.969	-4.00	1954	+	0.00	8402048.87	301863.92	466.24	465.40	-0.84	6.75	465.969	-4.00	7.28	465.615	-66.67						
-7.19	465.503	-66.67	-6.75	465.797	-4.00	1955	+	0.00	8402049.65	301843.94	466.07	465.32	-0.75	6.75	465.797	-4.00	7.10	465.565	-66.67						
-7.01	465.435	-66.67	-6.75	465.610	-4.00	1956	+	0.00	8402050.43	301823.95	465.88	465.39	-0.49	6.75	465.610	-4.00	6.99	465.450	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.90	465.321	-66.67	-6.75	465.423	-4.00	1957	+	0.00	8402051.20	301803.97	465.69	465.18	-0.51	6.75	465.423	-4.00	6.91	465.315	-66.67						
-6.81	465.200	-66.67	-6.75	465.237	-4.00	1958	+	0.00	8402051.98	301783.98	465.51	465.04	-0.46	6.75	465.237	-4.00	6.89	465.143	-66.67						
-7.00	464.884	-66.67	-6.75	465.050	-4.00	1959	+	0.00	8402052.76	301764.00	465.32	465.06	-0.26	6.75	465.050	-4.00	6.90	464.952	-66.67						
-6.91	464.759	-66.67	-6.75	464.863	-4.00	1960	+	0.00	8402053.53	301744.01	465.13	464.80	-0.34	6.75	464.863	-4.00	6.83	464.813	-66.67						
-6.99	464.516	-66.67	-6.75	464.677	-4.00	1961	+	0.00	8402054.31	301724.03	464.95	464.64	-0.31	6.75	464.677	-4.00	6.82	464.743	100.00						
-6.78	464.519	100.00	-6.75	464.490	-4.00	1962	+	0.00	8402055.09	301704.04	464.76	464.58	-0.18	6.75	464.490	-4.00	6.93	464.670	100.00						
-6.81	464.373	100.00	-6.75	464.310	-4.00	1963	+	0.00	8402055.87	301684.06	464.58	464.55	-0.03	6.75	464.310	-4.00	7.00	464.557	100.00						
-6.89	464.318	100.00	-6.75	464.181	-4.00	1964	+	0.00	8402056.64	301664.07	464.45	464.57	0.12	6.75	464.181	-4.00	7.10	464.526	100.00						
-6.99	464.352	100.00	-6.75	464.109	-4.00	1965	+	0.00	8402057.42	301644.09	464.38	464.49	0.11	6.75	464.109	-4.00	7.05	464.412	100.00						
-6.83	464.170	100.00	-6.75	464.095	-4.00	1966	+	0.00	8402058.20	301624.11	464.37	464.47	0.11	6.75	464.218	-2.17	6.89	464.357	100.00						
-6.84	464.120	100.00	-6.75	464.137	-4.00	1967	+	0.00	8402058.97	301604.12	464.41	464.48	0.08	6.75	464.395	-0.17	6.83	464.344	-66.67						
-6.87	464.065	-66.67	-6.75	464.144	-4.00	1967	+	1.75	8402059.04	301602.37	464.41	464.48	0.06	6.75	464.414	0.00	6.89	464.323	-66.67						
-6.81	464.287	100.00	-6.75	464.230	-4.00	1968	+	0.00	8402059.72	301584.13	464.50	464.44	-0.06	6.75	464.623	1.83	7.29	464.260	-66.67						
-6.86	464.256	-66.67	-6.75	464.330	-4.00	1969	+	0.00	8402060.21	301564.14	464.60	464.44	-0.16	6.75	464.858	3.83	7.50	464.361	-66.67						
-6.82	464.380	100.00	-6.75	464.307	-5.80	1969	+	19.75	8402060.17	301544.39	464.70	464.49	-0.21	6.75	465.090	5.80	7.80	464.388	-66.67						
-6.82	464.374	100.00	-6.75	464.309	-5.80	1970	+	0.00	8402060.17	301544.14	464.70	464.49	-0.21	6.75	465.092	5.80	7.80	464.391	-66.67						
-7.27	464.060	-66.67	-6.75	464.409	-5.80	1971	+	0.00	8402059.38	301524.16	464.80	464.30	-0.50	6.75	465.192	5.80	8.19	464.234	-66.67						
-7.45	464.041	-66.67	-6.75	464.509	-5.80	1972	+	0.00	8402057.79	301504.22	464.90	464.21	-0.69	6.75	465.292	5.80	8.72	463.976	-66.67						
-7.44	464.051	-66.67	-6.75	464.514	-5.80	1972	+	1.03	8402057.66	301503.20	464.91	464.20	-0.71	6.75	465.297	5.80	8.74	463.972	-66.67						
-7.57	464.064	-66.67	-6.75	464.609	-5.80	1973	+	0.00	8402055.40	301484.37	465.00	464.16	-0.84	6.75	465.392	5.80	8.92	463.946	-66.67						
-7.89	463.948	-66.67	-6.75	464.709	-5.80	1974	+	0.00	8402052.22	301464.62	465.10	464.07	-1.03	6.75	465.492	5.80	9.19	463.865	-66.67						
-7.89	463.957	-66.67	-6.75	464.720	-5.80	1974	+	2.32	8402051.80	301462.34	465.11	464.08	-1.03	6.75	465.503	5.80	9.27	463.823	-66.67						
-8.30	463.897	-66.67	-6.75	464.928	-4.03	1975	+	0.00	8402048.29	301445.02	465.20	464.09	-1.11	6.75	465.472	4.03	9.14	463.882	-66.67						
-8.47	463.887	-66.67	-6.75	465.030	-4.00	1976	+	0.00	8402043.81	301425.52	465.30	463.98	-1.32	6.75	465.437	2.03	9.03	463.916	-66.67						
-8.34	464.067	-66.67	-6.75	465.130	-4.00	1977	+	0.00	8402039.05	301406.10	465.40	463.98	-1.42	6.75	465.402	0.03	9.04	463.873	-66.67						
-8.35	464.068	-66.67	-6.75	465.132	-4.00	1977	+	0.32	8402038.98	301405.79	465.40	463.99	-1.42	6.75	465.402	0.00	9.04	463.875	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.31	464.191	-66.67	-6.75	465.230	-4.00	1978	+	0.00	8402034.26	301386.68	465.50	464.10	-1.40	6.75	465.367	-1.97	8.58	464.148	-66.67						
-8.21	464.354	-66.67	-6.75	465.330	-4.00	1979	+	0.00	8402029.46	301367.26	465.60	464.18	-1.42	6.75	465.332	-3.97	8.17	464.383	-66.67						
-8.27	464.414	-66.67	-6.75	465.430	-4.00	1980	+	0.00	8402024.66	301347.85	465.70	464.27	-1.43	6.75	465.430	-4.00	8.47	464.286	-66.67						
-8.30	464.495	-66.67	-6.75	465.530	-4.00	1981	+	0.00	8402019.86	301328.43	465.80	464.44	-1.36	6.75	465.530	-4.00	8.54	464.338	-66.67						
-8.28	464.607	-66.67	-6.75	465.630	-4.00	1982	+	0.00	8402015.06	301309.02	465.90	464.58	-1.32	6.75	465.630	-4.00	8.18	464.677	-66.67						
-8.40	464.632	-66.67	-6.75	465.730	-4.00	1983	+	0.00	8402010.26	301289.60	466.00	464.63	-1.38	6.75	465.730	-4.00	8.36	464.660	-66.67						
-8.30	464.800	-66.67	-6.75	465.830	-4.00	1984	+	0.00	8402005.47	301270.18	466.10	464.51	-1.59	6.75	465.830	-4.00	8.68	464.542	-66.67						
-8.52	464.748	-66.67	-6.75	465.930	-4.00	1985	+	0.00	8402000.67	301250.77	466.20	464.67	-1.53	6.75	465.930	-4.00	8.71	464.623	-66.67						
-8.61	464.793	-66.67	-6.75	466.030	-4.00	1986	+	0.00	8401995.87	301231.35	466.30	464.63	-1.67	6.75	466.030	-4.00	8.80	464.665	-66.67						
-9.03	464.613	-66.67	-6.75	466.130	-4.00	1987	+	0.00	8401991.07	301211.94	466.40	464.81	-1.59	6.75	466.130	-4.00	8.89	464.704	-66.67						
-8.88	464.812	-66.67	-6.75	466.230	-4.00	1988	+	0.00	8401986.27	301192.52	466.50	464.75	-1.75	6.75	466.230	-4.00	9.13	464.643	-66.67						
-8.99	464.838	-66.67	-6.75	466.330	-4.00	1989	+	0.00	8401981.47	301173.11	466.60	464.72	-1.88	6.75	466.330	-4.00	9.22	464.682	-66.67						
-9.25	464.764	-66.67	-6.75	466.430	-4.00	1990	+	0.00	8401976.68	301153.69	466.70	464.70	-2.00	6.75	466.430	-4.00	9.46	464.623	-66.67						
-9.32	464.764	-66.67	-6.75	466.478	-4.00	1991	+	0.00	8401971.88	301134.27	466.75	464.67	-2.08	6.75	466.478	-4.00	9.56	464.601	-66.67						
-9.09	464.859	-66.67	-6.75	466.421	-4.00	1992	+	0.00	8401967.08	301114.86	466.69	464.78	-1.91	6.75	466.421	-4.00	9.47	464.605	-66.67						
-8.74	464.936	-66.67	-6.75	466.259	-4.00	1993	+	0.00	8401962.28	301095.44	466.53	464.85	-1.68	6.75	466.259	-4.00	9.27	464.580	-66.67						
-8.39	464.897	-66.67	-6.75	465.993	-4.00	1994	+	0.00	8401957.48	301076.03	466.26	464.74	-1.53	6.75	465.993	-4.00	8.73	464.672	-66.67						
-7.93	464.834	-66.67	-6.75	465.622	-4.00	1995	+	0.00	8401952.68	301056.61	465.89	464.73	-1.16	6.75	465.622	-4.00	8.29	464.599	-66.67						
-7.15	464.877	-66.67	-6.75	465.146	-4.00	1996	+	0.00	8401947.89	301037.19	465.42	464.61	-0.81	6.75	465.154	-3.88	7.50	464.653	-66.67						
-6.77	464.581	100.00	-6.75	464.566	-4.00	1997	+	0.00	8401943.09	301017.78	464.84	464.44	-0.40	6.75	464.704	-1.95	6.92	464.588	-66.67						
-7.27	464.402	100.00	-6.75	463.881	-4.00	1998	+	0.00	8401938.29	300998.36	464.15	464.32	0.17	6.75	464.149	-0.02	7.20	464.597	100.00						
-7.28	464.400	100.00	-6.75	463.874	-4.00	1998	+	0.19	8401938.25	300998.18	464.14	464.31	0.16	6.75	464.144	0.00	7.20	464.596	100.00						
-7.90	464.238	100.00	-6.75	463.091	-4.00	1999	+	0.00	8401933.45	300978.96	463.36	464.34	0.98	6.75	463.490	1.92	7.73	464.471	100.00						
-8.45	463.894	100.00	-6.75	462.197	-4.00	2000	+	0.00	8401928.35	300959.62	462.47	464.12	1.65	6.75	462.726	3.85	8.33	464.308	100.00						
-8.91	463.293	100.00	-6.75	461.130	-5.78	2001	+	0.00	8401922.75	300940.42	461.52	463.70	2.18	6.75	461.910	5.78	8.74	463.902	100.00						
-8.92	463.286	100.00	-6.75	461.120	-5.80	2001	+	0.19	8401922.69	300940.24	461.51	463.69	2.18	6.75	461.903	5.80	8.74	463.890	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.72	462.156	100.00	-6.75	460.182	-5.80	2002	+	0.00	8401916.42	300921.45	460.57	462.53	1.95	6.75	460.965	5.80	8.62	462.833	100.00						
-8.37	460.856	100.00	-6.75	459.235	-5.80	2003	+	0.00	8401909.34	300902.75	459.63	461.44	1.81	6.75	460.018	5.80	8.65	461.918	100.00						
-8.25	460.498	100.00	-6.75	458.997	-5.80	2003	+	5.04	8401907.37	300898.11	459.39	461.02	1.63	6.75	459.780	5.80	8.53	461.562	100.00						
-8.05	459.586	100.00	-6.75	458.288	-5.80	2004	+	0.00	8401901.51	300884.34	458.68	459.91	1.23	6.75	459.071	5.80	7.97	460.286	100.00						
-7.56	458.155	100.00	-6.75	457.342	-5.80	2005	+	0.00	8401892.96	300866.26	457.73	458.43	0.69	6.75	458.125	5.80	7.36	458.737	100.00						
-7.20	457.330	100.00	-6.75	456.879	-5.80	2005	+	9.89	8401888.46	300857.45	457.27	457.63	0.36	6.75	457.662	5.80	7.13	458.040	100.00						
-7.20	456.900	100.00	-6.75	456.450	-5.80	2006	+	0.00	8401883.70	300848.54	456.84	456.68	-0.16	6.75	457.233	5.80	6.93	457.346	100.00						
-7.44	455.409	-66.67	-6.75	455.867	-4.00	2007	+	0.00	8401873.85	300831.13	456.14	455.45	-0.68	6.75	456.332	2.89	8.46	455.189	-66.67						
-8.65	454.091	-66.67	-6.75	455.356	-4.00	2008	+	0.00	8401863.66	300813.92	455.63	454.44	-1.19	6.75	455.690	0.96	9.77	453.675	-66.67						
-9.41	453.402	-66.67	-6.75	455.175	-4.00	2008	+	9.89	8401858.57	300805.44	455.45	454.05	-1.40	6.75	455.445	0.00	10.41	453.008	-66.67						
-10.40	452.608	-66.67	-6.75	455.039	-4.00	2009	+	0.00	8401853.36	300796.78	455.31	453.69	-1.62	6.75	455.243	-0.98	10.96	452.434	-66.67						
-12.26	451.239	-66.67	-6.75	454.915	-4.00	2010	+	0.00	8401843.05	300779.65	455.19	453.43	-1.75	6.75	454.989	-2.91	12.22	451.345	-66.67						
-10.23	452.662	-66.67	-6.75	454.985	-4.00	2011	+	0.00	8401832.73	300762.51	455.26	453.56	-1.70	6.75	454.985	-4.00	10.83	452.266	-66.67						
-8.68	453.963	-66.67	-6.75	455.249	-4.00	2012	+	0.00	8401822.42	300745.37	455.52	454.30	-1.22	6.75	455.249	-4.00	8.92	453.800	-66.67						
-7.12	455.458	-66.67	-6.75	455.707	-4.00	2013	+	0.00	8401812.11	300728.24	455.98	455.32	-0.66	6.75	455.707	-4.00	7.09	455.483	-66.67						
-7.48	457.089	100.00	-6.75	456.358	-4.00	2014	+	0.00	8401801.80	300711.10	456.63	457.08	0.45	6.75	456.358	-4.00	7.37	456.973	100.00						
-8.75	459.195	100.00	-6.75	457.197	-4.00	2015	+	0.00	8401791.49	300693.96	457.47	458.92	1.45	6.75	457.197	-4.00	8.47	458.912	100.00						
-9.72	461.055	100.00	-6.75	458.090	-4.00	2016	+	0.00	8401781.17	300676.83	458.36	460.43	2.07	6.75	458.090	-4.00	8.90	460.243	100.00						
-9.94	462.174	100.00	-6.75	458.983	-4.00	2017	+	0.00	8401770.86	300659.69	459.25	461.50	2.24	6.75	458.983	-4.00	9.28	461.511	100.00						
-9.50	462.626	100.00	-6.75	459.877	-4.00	2018	+	0.00	8401760.55	300642.55	460.15	462.31	2.16	6.75	459.877	-4.00	9.32	462.446	100.00						
-9.07	463.092	100.00	-6.75	460.770	-4.00	2019	+	0.00	8401750.24	300625.42	461.04	463.01	1.97	6.75	460.770	-4.00	9.22	463.243	100.00						
-8.70	463.615	100.00	-6.75	461.663	-4.00	2020	+	0.00	8401739.93	300608.28	461.93	463.59	1.66	6.75	461.663	-4.00	8.81	463.725	100.00						
-8.20	463.958	100.00	-6.75	462.506	-4.00	2021	+	0.00	8401729.62	300591.14	462.78	463.86	1.08	6.75	462.506	-4.00	8.32	464.080	100.00						
-7.57	464.070	100.00	-6.75	463.247	-4.00	2022	+	0.00	8401719.30	300574.01	463.52	464.09	0.57	6.75	463.247	-4.00	7.81	464.304	100.00						
-7.18	464.315	100.00	-6.75	463.887	-4.00	2023	+	0.00	8401708.99	300556.87	464.16	464.30	0.14	6.75	463.887	-4.00	7.28	464.422	100.00						
-6.76	464.439	100.00	-6.75	464.426	-4.00	2024	+	0.00	8401698.68	300539.73	464.70	464.51	-0.19	6.75	464.426	-4.00	7.02	464.697	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.66	464.259	-66.67	-6.75	464.863	-4.00	2025	+	0.00	8401688.37	300522.60	465.13	464.37	-0.76	6.75	464.863	-4.00	7.18	464.574	-66.67						
-8.34	464.139	-66.67	-6.75	465.199	-4.00	2026	+	0.00	8401678.06	300505.46	465.47	464.27	-1.20	6.75	465.199	-4.00	8.02	464.355	-66.67						
-8.97	463.956	-66.67	-6.75	465.434	-4.00	2027	+	0.00	8401667.74	300488.32	465.70	464.09	-1.61	6.75	465.434	-4.00	8.52	464.256	-66.67						
-9.19	463.940	-66.67	-6.75	465.567	-4.00	2028	+	0.00	8401657.43	300471.19	465.84	464.04	-1.80	6.75	465.567	-4.00	8.85	464.170	-66.67						
-9.27	463.919	-66.67	-6.75	465.599	-4.00	2029	+	0.00	8401647.12	300454.05	465.87	464.01	-1.86	6.75	465.599	-4.00	8.87	464.186	-66.67						
-9.09	463.973	-66.67	-6.75	465.530	-4.00	2030	+	0.00	8401636.81	300436.91	465.80	464.04	-1.76	6.75	465.530	-4.00	8.61	464.288	-66.67						
-8.80	464.044	-66.67	-6.75	465.410	-4.00	2031	+	0.00	8401626.50	300419.78	465.68	464.10	-1.58	6.75	465.410	-4.00	8.42	464.297	-66.67						
-8.64	464.031	-66.67	-6.75	465.290	-4.00	2032	+	0.00	8401616.18	300402.64	465.56	464.14	-1.42	6.75	465.290	-4.00	8.22	464.310	-66.67						
-8.45	464.110	-66.67	-6.75	465.242	-4.00	2032	+	8.07	8401612.02	300395.72	465.51	464.16	-1.35	6.75	465.242	-4.00	8.11	464.335	-66.67						
-8.46	464.028	-66.67	-6.75	465.170	-4.00	2033	+	0.00	8401605.85	300385.51	465.44	464.23	-1.21	6.75	465.170	-4.00	7.97	464.356	-66.67						
-8.22	464.072	-66.67	-6.75	465.050	-4.00	2034	+	0.00	8401595.43	300368.45	465.32	464.31	-1.01	6.75	465.050	-4.00	7.65	464.452	-66.67						
-7.80	464.228	-66.67	-6.75	464.930	-4.00	2035	+	0.00	8401584.89	300351.44	465.20	464.39	-0.81	6.75	464.930	-4.00	7.51	464.427	-66.67						
-7.56	464.267	-66.67	-6.75	464.810	-4.00	2036	+	0.00	8401574.26	300334.51	465.08	464.35	-0.73	6.75	464.810	-4.00	7.37	464.395	-66.67						
-7.37	464.278	-66.67	-6.75	464.690	-4.00	2037	+	0.00	8401563.52	300317.64	464.96	464.44	-0.52	6.75	464.690	-4.00	7.23	464.370	-66.67						
-7.09	464.342	-66.67	-6.75	464.570	-4.00	2038	+	0.00	8401552.67	300300.83	464.84	464.58	-0.26	6.75	464.570	-4.00	6.93	464.447	-66.67						
-6.81	464.510	100.00	-6.75	464.450	-4.00	2039	+	0.00	8401541.73	300284.09	464.72	464.44	-0.28	6.75	464.450	-4.00	6.85	464.545	100.00						
-7.10	464.676	100.00	-6.75	464.330	-4.00	2040	+	0.00	8401530.68	300267.42	464.60	464.63	0.03	6.75	464.330	-4.00	7.01	464.593	100.00						
-7.03	464.494	100.00	-6.75	464.210	-4.00	2041	+	0.00	8401519.52	300250.82	464.48	464.46	-0.02	6.75	464.210	-4.00	6.79	464.246	100.00						
-7.16	463.820	-66.67	-6.75	464.090	-4.00	2042	+	0.00	8401508.27	300234.29	464.36	463.69	-0.67	6.75	464.090	-4.00	7.58	463.540	-66.67						
-8.41	462.873	-66.67	-6.75	463.976	-4.00	2042	+	19.03	8401497.46	300218.62	464.25	462.94	-1.31	6.75	463.976	-4.00	8.72	462.662	-66.67						
-8.44	462.846	-66.67	-6.75	463.970	-4.00	2043	+	0.00	8401496.91	300217.83	464.24	462.92	-1.32	6.75	463.970	-4.00	8.74	462.642	-66.67						
-9.39	462.092	-66.67	-6.75	463.850	-4.00	2044	+	0.00	8401485.46	300201.43	464.12	462.55	-1.57	6.75	463.850	-4.00	9.03	462.327	-66.67						
-9.27	462.049	-66.67	-6.75	463.730	-4.00	2045	+	0.00	8401473.90	300185.11	464.00	462.51	-1.49	6.75	463.730	-4.00	8.97	462.247	-66.67						
-8.77	462.266	-66.67	-6.75	463.610	-4.00	2046	+	0.00	8401462.24	300168.86	463.88	462.52	-1.36	6.75	463.610	-4.00	8.57	462.400	-66.67						
-7.81	462.786	-66.67	-6.75	463.490	-4.00	2047	+	0.00	8401450.48	300152.68	463.76	462.85	-0.91	6.75	463.490	-4.00	7.92	462.707	-66.67						
-6.83	463.320	-66.67	-6.75	463.370	-4.00	2048	+	0.00	8401438.63	300136.57	463.64	463.35	-0.29	6.75	463.370	-4.00	7.01	463.195	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.47	463.967	100.00	-6.75	463.250	-4.00	2049	+	0.00	8401426.67	300120.54	463.52	463.87	0.35	6.75	463.250	-4.00	7.09	463.589	100.00						
-7.63	464.013	100.00	-6.75	463.130	-4.00	2050	+	0.00	8401414.61	300104.58	463.40	464.00	0.60	6.75	463.130	-4.00	7.42	463.801	100.00						
-7.78	464.036	100.00	-6.75	463.010	-4.00	2051	+	0.00	8401402.46	300088.70	463.28	463.84	0.56	6.75	463.010	-4.00	7.50	463.763	100.00						
-7.65	463.792	100.00	-6.75	462.890	-4.00	2052	+	0.00	8401390.21	300072.89	463.16	463.76	0.60	6.75	462.890	-4.00	7.13	463.267	100.00						
-7.68	463.701	100.00	-6.75	462.770	-4.00	2053	+	0.00	8401377.87	300057.15	463.04	463.70	0.66	6.75	462.770	-4.00	7.24	463.263	100.00						
-7.77	463.733	100.00	-6.75	462.710	-4.00	2053	+	9.99	8401371.66	300049.32	462.98	463.65	0.67	6.75	462.710	-4.00	7.32	463.277	100.00						
-7.77	463.670	100.00	-6.75	462.650	-4.00	2054	+	0.00	8401365.43	300041.49	462.92	463.67	0.75	6.75	462.650	-4.00	7.40	463.296	100.00						
-8.12	463.899	100.00	-6.75	462.530	-4.00	2055	+	0.00	8401352.99	300025.83	462.80	463.67	0.87	6.75	462.530	-4.00	7.59	463.372	100.00						
-8.18	463.827	100.00	-6.75	462.398	-4.00	2056	+	0.00	8401340.55	300010.17	462.67	463.67	1.00	6.75	462.398	-4.00	7.79	463.434	100.00						
-8.11	463.601	100.00	-6.75	462.240	-4.00	2057	+	0.00	8401328.10	299994.51	462.51	463.54	1.03	6.75	462.240	-4.00	8.00	463.486	100.00						
-7.62	462.932	100.00	-6.75	462.058	-4.00	2058	+	0.00	8401315.66	299978.86	462.33	463.07	0.74	6.75	462.058	-4.00	7.69	463.002	100.00						
-6.92	462.018	100.00	-6.75	461.852	-4.00	2059	+	0.00	8401303.22	299963.20	462.12	462.44	0.32	6.75	461.852	-4.00	7.46	462.558	100.00						
-6.97	461.471	-66.67	-6.75	461.620	-4.00	2060	+	0.00	8401290.77	299947.54	461.89	461.97	0.08	6.75	461.620	-4.00	7.10	461.968	100.00						
-6.79	461.406	100.00	-6.75	461.364	-4.00	2061	+	0.00	8401278.33	299931.88	461.63	461.70	0.07	6.75	461.364	-4.00	6.93	461.544	100.00						
-6.97	461.304	100.00	-6.75	461.082	-4.00	2062	+	0.00	8401265.89	299916.23	461.35	461.55	0.20	6.75	461.082	-4.00	6.93	461.265	100.00						
-7.26	461.281	100.00	-6.75	460.776	-4.00	2063	+	0.00	8401253.44	299900.57	461.05	461.58	0.53	6.75	460.776	-4.00	7.07	461.094	100.00						
-7.52	461.215	100.00	-6.75	460.446	-4.00	2064	+	0.00	8401241.00	299884.91	460.72	461.64	0.92	6.75	460.446	-4.00	7.52	461.214	100.00						
-7.91	461.246	100.00	-6.75	460.090	-4.00	2065	+	0.00	8401228.55	299869.25	460.36	461.42	1.06	6.75	460.090	-4.00	7.73	461.067	100.00						
-7.62	460.588	100.00	-6.75	459.722	-4.00	2066	+	0.00	8401216.11	299853.60	459.99	460.89	0.89	6.75	459.722	-4.00	7.74	460.708	100.00						
-7.42	460.028	100.00	-6.75	459.354	-4.00	2067	+	0.00	8401203.67	299837.94	459.62	460.40	0.77	6.75	459.354	-4.00	7.64	460.241	100.00						
-7.53	459.762	100.00	-6.75	458.986	-4.00	2068	+	0.00	8401191.22	299822.28	459.26	460.13	0.87	6.75	458.986	-4.00	7.85	460.087	100.00						
-7.72	459.589	100.00	-6.75	458.618	-4.00	2069	+	0.00	8401178.78	299806.62	458.89	460.04	1.15	6.75	458.618	-4.00	8.13	459.998	100.00						
-8.19	459.692	100.00	-6.75	458.250	-4.00	2070	+	0.00	8401166.34	299790.97	458.52	460.00	1.48	6.75	458.250	-4.00	8.23	459.725	100.00						
-8.51	459.643	100.00	-6.75	457.882	-4.00	2071	+	0.00	8401153.89	299775.31	458.15	459.88	1.73	6.75	457.882	-4.00	8.48	459.612	100.00						
-8.51	459.277	100.00	-6.75	457.514	-4.00	2072	+	0.00	8401141.45	299759.65	457.78	459.64	1.86	6.75	457.514	-4.00	8.78	459.540	100.00						
-8.53	458.924	100.00	-6.75	457.146	-4.00	2073	+	0.00	8401129.01	299743.99	457.42	459.19	1.78	6.75	457.146	-4.00	8.91	459.305	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.14	458.166	100.00	-6.75	456.778	-4.00	2074	+	0.00	8401116.56	299728.34	457.05	458.61	1.56	6.75	456.778	-4.00	8.69	458.720	100.00						
-8.08	457.740	100.00	-6.75	456.410	-4.00	2075	+	0.00	8401104.12	299712.68	456.68	458.10	1.42	6.75	456.410	-4.00	8.34	457.999	100.00						
-7.95	457.238	100.00	-6.75	456.042	-4.00	2076	+	0.00	8401091.68	299697.02	456.31	457.65	1.34	6.75	456.042	-4.00	8.20	457.491	100.00						
-7.76	456.681	100.00	-6.75	455.674	-4.00	2077	+	0.00	8401079.23	299681.36	455.94	457.20	1.25	6.75	455.674	-4.00	8.15	457.074	100.00						
-7.90	456.456	100.00	-6.75	455.306	-4.00	2078	+	0.00	8401066.79	299665.71	455.58	456.96	1.38	6.75	455.306	-4.00	8.33	456.885	100.00						
-8.27	456.461	100.00	-6.75	454.938	-4.00	2079	+	0.00	8401054.35	299650.05	455.21	456.89	1.68	6.75	454.938	-4.00	8.33	456.516	100.00						
-8.72	456.542	100.00	-6.75	454.570	-4.00	2080	+	0.00	8401041.90	299634.39	454.84	456.86	2.02	6.75	454.570	-4.00	8.66	456.475	100.00						
-9.24	456.691	100.00	-6.75	454.202	-4.00	2081	+	0.00	8401029.46	299618.73	454.47	456.77	2.30	6.75	454.202	-4.00	9.05	456.505	100.00						
-9.42	456.505	100.00	-6.75	453.834	-4.00	2082	+	0.00	8401017.01	299603.08	454.10	456.63	2.53	6.75	453.834	-4.00	9.14	456.223	100.00						
-9.41	456.132	100.00	-6.75	453.476	-4.00	2083	+	0.00	8401004.57	299587.42	453.75	456.12	2.38	6.75	453.476	-4.00	8.87	455.599	100.00						
-9.10	455.539	100.00	-6.75	453.188	-4.00	2084	+	0.00	8400992.13	299571.76	453.46	455.49	2.03	6.75	453.188	-4.00	8.49	454.923	100.00						
-8.62	454.855	100.00	-6.75	452.981	-4.00	2085	+	0.00	8400979.68	299556.10	453.25	454.93	1.68	6.75	452.981	-4.00	8.28	454.510	100.00						
-7.78	453.879	100.00	-6.75	452.854	-4.00	2086	+	0.00	8400967.24	299540.45	453.12	454.24	1.11	6.75	452.854	-4.00	7.40	453.498	100.00						
-7.06	453.115	100.00	-6.75	452.807	-4.00	2087	+	0.00	8400954.80	299524.79	453.08	453.88	0.80	6.75	452.807	-4.00	6.80	452.856	100.00						
-7.50	452.330	-66.67	-6.75	452.830	-4.00	2088	+	0.00	8400942.35	299509.13	453.10	453.66	0.56	6.75	452.830	-4.00	7.35	452.428	-66.67						
-7.50	452.354	-66.67	-6.75	452.854	-4.00	2088	+	14.47	8400933.35	299497.80	453.12	453.20	0.07	6.75	452.854	-4.00	7.35	452.453	-66.67						
-7.50	452.475	-66.67	-6.75	452.975	-4.00	2092	+	6.94	8400888.26	299441.07	453.25	453.68	0.43	6.75	452.975	-4.00	7.35	452.573	-66.67						
-8.40	451.899	-66.67	-6.75	452.997	-4.00	2093	+	0.00	8400880.14	299430.84	453.27	453.50	0.23	6.75	452.997	-4.00	6.89	452.903	-66.67						
-9.54	451.167	-66.67	-6.75	453.030	-4.00	2094	+	0.00	8400867.69	299415.19	453.30	453.36	0.06	6.75	453.030	-4.00	8.98	451.545	-66.67						
-6.83	453.140	100.00	-6.75	453.063	-4.00	2095	+	0.00	8400855.25	299399.53	453.33	453.36	0.02	6.75	453.063	-4.00	7.19	452.769	-66.67						
-7.24	453.590	100.00	-6.75	453.097	-4.00	2096	+	0.00	8400842.80	299383.87	453.37	453.55	0.18	6.75	453.097	-4.00	7.54	453.882	100.00						
-7.85	454.234	100.00	-6.75	453.130	-4.00	2097	+	0.00	8400830.36	299368.21	453.40	454.84	1.44	6.75	453.130	-4.00	8.86	455.235	100.00						
-9.15	455.574	100.00	-6.75	453.179	-4.00	2098	+	0.00	8400817.92	299352.56	453.45	455.88	2.43	6.75	453.179	-4.00	9.96	456.390	100.00						
-9.76	456.341	100.00	-6.75	453.335	-4.00	2099	+	0.00	8400805.47	299336.90	453.61	456.80	3.20	6.75	453.335	-4.00	10.49	457.073	100.00						
-10.01	457.006	100.00	-6.75	453.742	-2.12	2100	+	0.00	8400793.03	299321.24	453.89	457.39	3.51	6.75	453.615	-4.00	10.77	457.632	100.00						
-9.87	457.380	100.00	-6.75	454.257	0.00	2100	+	18.63	8400781.44	299306.65	454.26	457.71	3.46	6.75	453.987	-4.00	10.56	457.801	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-9.86	457.409	100.00	-6.75	454.299	0.16	2101	+	0.00	8400780.59	299305.58	454.29	457.79	3.50	6.75	454.019	-4.00	10.54	457.805	100.00						
-9.59	457.822	100.00	-6.75	454.980	2.43	2102	+	0.00	8400768.20	299289.88	454.82	457.96	3.15	6.75	454.545	-4.00	10.30	458.098	100.00						
-8.94	457.955	100.00	-6.75	455.768	4.71	2103	+	0.00	8400756.10	299273.96	455.45	458.05	2.60	6.75	455.132	-4.71	9.75	458.129	100.00						
-8.51	458.199	100.00	-6.75	456.436	6.60	2103	+	16.63	8400746.47	299260.40	455.99	458.28	2.29	6.75	455.545	-6.60	9.47	458.269	100.00						
-8.38	458.171	100.00	-6.75	456.546	6.60	2104	+	0.00	8400744.58	299257.61	456.10	458.21	2.11	6.75	455.655	-6.60	9.37	458.272	100.00						
-7.96	458.406	100.00	-6.75	457.196	6.60	2105	+	0.00	8400733.86	299240.73	456.75	458.40	1.65	6.75	456.305	-6.60	8.99	458.547	100.00						
-7.53	458.630	100.00	-6.75	457.846	6.60	2106	+	0.00	8400724.00	299223.33	457.40	458.58	1.18	6.75	456.955	-6.60	8.42	458.621	100.00						
-7.28	459.002	100.00	-6.75	458.475	6.60	2107	+	0.00	8400715.02	299205.46	458.03	458.95	0.92	6.75	457.584	-6.60	8.23	459.065	100.00						
-7.20	459.482	100.00	-6.75	459.033	6.60	2108	+	0.00	8400706.95	299187.16	458.59	459.58	0.99	6.75	458.142	-6.60	8.29	459.681	100.00						
-7.02	459.792	100.00	-6.75	459.518	6.60	2109	+	0.00	8400699.80	299168.49	459.07	459.86	0.79	6.75	458.627	-6.60	8.02	459.900	100.00						
-6.78	459.912	-66.67	-6.75	459.930	6.60	2110	+	0.00	8400693.59	299149.48	459.48	459.95	0.47	6.75	459.039	-6.60	7.83	460.122	100.00						
-6.83	460.217	-66.67	-6.75	460.268	6.60	2111	+	0.00	8400688.34	299130.18	459.82	460.26	0.43	6.75	459.377	-6.60	7.75	460.379	100.00						
-7.19	460.240	-66.67	-6.75	460.533	6.60	2112	+	0.00	8400684.07	299110.65	460.09	460.29	0.20	6.75	459.642	-6.60	7.55	460.439	100.00						
-7.09	460.501	-66.67	-6.75	460.725	6.60	2113	+	0.00	8400680.77	299090.92	460.28	460.62	0.34	6.75	459.834	-6.60	7.52	460.602	100.00						
-6.97	460.613	-66.67	-6.75	460.758	6.60	2113	+	4.51	8400680.25	299086.45	460.31	460.79	0.47	6.75	459.867	-6.60	7.60	460.721	100.00						
-6.99	460.688	-66.67	-6.75	460.846	6.60	2114	+	0.00	8400678.46	299071.06	460.40	460.75	0.35	6.75	459.955	-6.60	7.57	460.773	100.00						
-6.77	460.962	100.00	-6.75	460.946	6.60	2115	+	0.00	8400677.15	299051.10	460.50	460.94	0.44	6.75	460.055	-6.60	7.54	460.839	100.00						
-6.76	461.059	100.00	-6.75	461.046	6.60	2116	+	0.00	8400676.84	299031.11	460.60	461.02	0.42	6.75	460.155	-6.60	7.55	460.950	100.00						
-6.78	461.123	-66.67	-6.75	461.146	6.60	2117	+	0.00	8400677.53	299011.12	460.70	460.97	0.26	6.75	460.255	-6.60	7.25	460.750	100.00						
-6.91	461.138	-66.67	-6.75	461.246	6.60	2118	+	0.00	8400679.21	298991.19	460.80	460.81	0.01	6.75	460.355	-6.60	7.22	460.821	100.00						
-7.10	461.114	-66.67	-6.75	461.346	6.60	2119	+	0.00	8400681.89	298971.38	460.90	460.89	-0.01	6.75	460.455	-6.60	7.12	460.824	100.00						
-6.96	461.306	-66.67	-6.75	461.446	6.60	2120	+	0.00	8400685.56	298951.72	461.00	460.95	-0.05	6.75	460.555	-6.60	6.98	460.783	100.00						
-7.09	461.317	-66.67	-6.75	461.546	6.60	2121	+	0.00	8400690.20	298932.27	461.10	461.08	-0.02	6.75	460.655	-6.60	6.81	460.612	-66.67						
-7.32	461.269	-66.67	-6.75	461.646	6.60	2122	+	0.00	8400695.81	298913.07	461.20	461.24	0.04	6.75	460.755	-6.60	6.86	460.681	-66.67						
-7.36	461.302	-66.67	-6.75	461.707	6.60	2122	+	12.38	8400699.76	298901.35	461.26	461.26	0.00	6.75	460.816	-6.60	6.83	460.721	-66.67						
-7.63	461.104	-66.67	-6.75	461.687	5.73	2123	+	0.00	8400702.37	298894.18	461.30	461.25	-0.05	6.75	460.913	-5.73	6.81	460.874	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.11	461.396	-66.67	-6.75	461.633	3.46	2124	+	0.00	8400709.74	298875.59	461.40	461.37	-0.03	6.75	461.130	-4.00	7.04	460.938	-66.67						
-7.01	461.407	-66.67	-6.75	461.580	1.18	2125	+	0.00	8400717.58	298857.19	461.50	461.56	0.06	6.75	461.230	-4.00	6.89	461.135	-66.67						
-6.93	461.434	-66.67	-6.75	461.552	0.00	2125	+	10.38	8400721.74	298847.68	461.55	461.63	0.08	6.75	461.282	-4.00	6.87	461.204	-66.67						
-7.10	461.292	-66.67	-6.75	461.526	-1.10	2126	+	0.00	8400725.60	298838.87	461.60	461.65	0.05	6.75	461.330	-4.00	6.76	461.344	100.00						
-6.81	461.411	-66.67	-6.75	461.451	-3.37	2127	+	0.00	8400733.62	298820.55	461.68	461.74	0.06	6.75	461.408	-4.00	6.80	461.399	100.00						
-6.90	461.557	100.00	-6.75	461.411	-4.00	2128	+	0.00	8400741.65	298802.23	461.68	461.75	0.07	6.75	461.411	-4.00	6.82	461.483	100.00						
-7.07	461.655	100.00	-6.75	461.336	-4.00	2129	+	0.00	8400749.67	298783.91	461.61	461.74	0.13	6.75	461.336	-4.00	6.98	461.566	100.00						
-7.03	461.466	100.00	-6.75	461.182	-4.00	2130	+	0.00	8400757.70	298765.59	461.45	461.67	0.22	6.75	461.182	-4.00	6.90	461.334	100.00						
-7.00	461.210	100.00	-6.75	460.951	-4.00	2131	+	0.00	8400765.72	298747.27	461.22	461.32	0.09	6.75	460.951	-4.00	6.76	460.957	100.00						
-6.84	460.710	100.00	-6.75	460.643	-4.00	2132	+	0.00	8400773.74	298728.95	460.91	460.80	-0.11	6.75	460.643	-4.00	7.11	460.401	-66.67						
-6.77	460.279	100.00	-6.75	460.256	-4.00	2133	+	0.00	8400781.77	298710.63	460.53	460.28	-0.25	6.75	460.256	-4.00	7.00	460.087	-66.67						
-6.77	459.816	100.00	-6.75	459.794	-4.00	2134	+	0.00	8400789.79	298692.31	460.06	459.85	-0.21	6.75	459.794	-4.00	7.24	459.469	-66.67						
-6.81	459.406	100.00	-6.75	459.346	-4.00	2135	+	0.00	8400797.82	298673.99	459.62	459.45	-0.16	6.75	459.346	-4.00	7.12	459.101	-66.67						
-6.79	458.987	-66.67	-6.75	459.015	-4.00	2136	+	0.00	8400805.84	298655.67	459.29	459.07	-0.22	6.75	459.015	-4.00	6.98	458.862	-66.67						
-6.92	458.691	-66.67	-6.75	458.801	-4.00	2137	+	0.00	8400813.86	298637.35	459.07	458.64	-0.43	6.75	458.801	-4.00	7.42	458.352	-66.67						
-7.45	458.241	-66.67	-6.75	458.705	-4.00	2138	+	0.00	8400821.89	298619.03	458.98	458.22	-0.76	6.75	458.705	-4.00	8.00	457.875	-66.67						
-8.19	457.766	-66.67	-6.75	458.728	-4.00	2139	+	0.00	8400829.91	298600.71	459.00	457.82	-1.18	6.75	458.728	-4.00	8.76	457.390	-66.67						
-8.56	457.623	-66.67	-6.75	458.832	-4.00	2140	+	0.00	8400837.94	298582.39	459.10	457.47	-1.63	6.75	458.832	-4.00	9.79	456.803	-66.67						
-9.31	457.230	-66.67	-6.75	458.938	-4.00	2141	+	0.00	8400845.96	298564.07	459.21	457.25	-1.96	6.75	458.938	-4.00	10.61	456.364	-66.67						
-9.72	457.068	-66.67	-6.75	459.045	-4.00	2142	+	0.00	8400853.98	298545.75	459.32	457.44	-1.87	6.75	459.045	-4.00	11.21	456.069	-66.67						
-9.50	457.316	-66.67	-6.75	459.151	-4.00	2143	+	0.00	8400862.01	298527.43	459.42	458.16	-1.26	6.75	459.151	-4.00	11.60	455.917	-66.67						
-9.97	457.109	-66.67	-6.75	459.257	-4.00	2144	+	0.00	8400870.03	298509.11	459.53	458.15	-1.38	6.75	459.257	-4.00	11.26	456.248	-66.67						
-9.33	457.645	-66.67	-6.75	459.364	-4.00	2145	+	0.00	8400878.06	298490.79	459.63	457.94	-1.70	6.75	459.364	-4.00	10.06	457.159	-66.67						
-8.84	458.138	-66.67	-6.75	459.534	-4.00	2146	+	0.00	8400886.08	298472.47	459.80	458.22	-1.59	6.75	459.534	-4.00	9.30	457.837	-66.67						
-7.68	459.211	-66.67	-6.75	459.830	-4.00	2147	+	0.00	8400894.10	298454.15	460.10	459.11	-0.99	6.75	459.830	-4.00	7.81	459.124	-66.67						
-7.15	460.648	100.00	-6.75	460.252	-4.00	2148	+	0.00	8400902.13	298435.83	460.52	460.82	0.30	6.75	460.252	-4.00	7.54	461.047	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.96	462.007	100.00	-6.75	460.802	-4.00	2149	+	0.00	8400910.15	298417.51	461.07	462.28	1.21	6.75	460.802	-4.00	8.28	462.327	100.00						
-8.85	463.579	100.00	-6.75	461.477	-4.00	2150	+	0.00	8400918.18	298399.19	461.75	463.39	1.64	6.75	461.477	-4.00	8.77	463.497	100.00						
-9.00	464.463	100.00	-6.75	462.216	-4.00	2151	+	0.00	8400926.20	298380.87	462.49	464.40	1.91	6.75	462.216	-4.00	9.02	464.484	100.00						
-8.76	464.964	100.00	-6.75	462.955	-4.00	2152	+	0.00	8400934.22	298362.55	463.23	465.01	1.78	6.75	462.955	-4.00	8.91	465.113	100.00						
-8.85	465.795	100.00	-6.75	463.694	-4.00	2153	+	0.00	8400942.25	298344.23	463.96	465.62	1.66	6.75	463.694	-4.00	8.78	465.721	100.00						
-8.27	465.954	100.00	-6.75	464.433	-4.00	2154	+	0.00	8400950.27	298325.91	464.70	466.20	1.49	6.75	464.433	-4.00	8.62	466.304	100.00						
-8.22	466.639	100.00	-6.75	465.172	-4.00	2155	+	0.00	8400958.30	298307.59	465.44	466.73	1.29	6.75	465.172	-4.00	8.18	466.604	100.00						
-7.86	467.025	100.00	-6.75	465.911	-4.00	2156	+	0.00	8400966.32	298289.27	466.18	467.25	1.07	6.75	465.911	-4.00	8.03	467.191	100.00						
-7.70	467.602	100.00	-6.75	466.650	-4.00	2157	+	0.00	8400974.35	298270.95	466.92	467.80	0.88	6.75	466.650	-4.00	7.71	467.614	100.00						
-7.42	468.055	100.00	-6.75	467.389	-4.00	2158	+	0.00	8400982.37	298252.63	467.66	468.22	0.56	6.75	467.389	-4.00	7.69	468.333	100.00						
-7.00	468.380	100.00	-6.75	468.128	-4.00	2159	+	0.00	8400990.39	298234.31	468.40	468.67	0.27	6.75	468.128	-4.00	7.22	468.595	100.00						
-6.93	469.051	100.00	-6.75	468.867	-4.00	2160	+	0.00	8400998.42	298216.00	469.14	469.25	0.12	6.75	468.867	-4.00	6.82	468.938	100.00						
-6.77	469.630	100.00	-6.75	469.606	-4.00	2161	+	0.00	8401006.44	298197.68	469.88	469.78	-0.10	6.75	469.606	-4.00	6.79	469.577	-66.67						
-7.09	470.116	-66.67	-6.75	470.345	-4.00	2162	+	0.00	8401014.47	298179.36	470.62	470.36	-0.26	6.75	470.345	-4.00	7.16	470.075	-66.67						
-7.21	470.760	-66.67	-6.75	471.069	-4.00	2163	+	0.00	8401022.49	298161.04	471.34	470.96	-0.38	6.75	471.069	-4.00	7.02	470.888	-66.67						
-7.36	471.287	-66.67	-6.75	471.692	-4.00	2164	+	0.00	8401030.51	298142.72	471.96	471.55	-0.41	6.75	471.692	-4.00	6.79	471.666	-66.67						
-6.85	472.133	-66.67	-6.75	472.200	-4.00	2165	+	0.00	8401038.54	298124.40	472.47	472.27	-0.20	6.75	472.200	-4.00	6.87	472.118	-66.67						
-6.80	472.555	-66.67	-6.75	472.591	-4.00	2166	+	0.00	8401046.56	298106.08	472.86	472.86	0.00	6.75	472.591	-4.00	7.12	472.959	100.00						
-6.84	472.804	-66.67	-6.75	472.866	-4.00	2167	+	0.00	8401054.59	298087.76	473.14	473.11	-0.03	6.75	472.866	-4.00	6.84	472.959	100.00						
-6.82	473.107	100.00	-6.75	473.040	-4.00	2168	+	0.00	8401062.61	298069.44	473.31	473.31	0.00	6.75	473.040	-4.00	6.98	473.272	100.00						
-6.82	473.269	100.00	-6.75	473.200	-4.00	2169	+	0.00	8401070.63	298051.12	473.47	473.62	0.15	6.75	473.200	-4.00	7.12	473.567	100.00						
-6.95	473.562	100.00	-6.75	473.359	-4.00	2170	+	0.00	8401078.66	298032.80	473.63	473.87	0.24	6.75	473.359	-4.00	7.23	473.836	100.00						
-6.97	473.738	100.00	-6.75	473.519	-4.00	2171	+	0.00	8401086.68	298014.48	473.79	474.08	0.29	6.75	473.519	-4.00	7.30	474.064	100.00						
-6.99	473.919	100.00	-6.75	473.678	-4.00	2172	+	0.00	8401094.71	297996.16	473.95	474.35	0.41	6.75	473.678	-4.00	7.24	474.166	100.00						
-7.15	474.240	100.00	-6.75	473.838	-4.00	2173	+	0.00	8401102.73	297977.84	474.11	474.53	0.42	6.75	473.838	-4.00	7.47	474.561	100.00						
-7.08	474.329	100.00	-6.75	473.997	-4.00	2174	+	0.00	8401110.75	297959.52	474.27	474.58	0.31	6.75	473.997	-4.00	7.08	474.329	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.20	474.606	100.00	-6.75	474.157	-4.00	2175	+	0.00	8401118.78	297941.20	474.43	474.77	0.34	6.75	474.157	-4.00	7.28	474.685	100.00						
-7.13	474.697	100.00	-6.75	474.316	-4.00	2176	+	0.00	8401126.80	297922.88	474.59	474.84	0.26	6.75	474.316	-4.00	7.30	474.869	100.00						
-7.16	474.884	100.00	-6.75	474.476	-4.00	2177	+	0.00	8401134.83	297904.56	474.75	475.08	0.34	6.75	474.476	-4.00	7.43	475.151	100.00						
-7.28	475.169	100.00	-6.75	474.635	-4.00	2178	+	0.00	8401142.85	297886.24	474.91	475.30	0.40	6.75	474.635	-4.00	7.35	475.230	100.00						
-7.17	475.218	100.00	-6.75	474.795	-4.00	2179	+	0.00	8401150.87	297867.92	475.07	475.53	0.46	6.75	474.795	-4.00	7.65	475.697	100.00						
-7.33	475.536	100.00	-6.75	474.954	-4.00	2180	+	0.00	8401158.90	297849.60	475.22	475.72	0.50	6.75	474.954	-4.00	7.51	475.711	100.00						
-7.37	475.732	100.00	-6.75	475.114	-4.00	2181	+	0.00	8401166.92	297831.28	475.38	475.85	0.46	6.75	475.114	-4.00	7.46	475.820	100.00						
-7.28	475.804	100.00	-6.75	475.273	-4.00	2182	+	0.00	8401174.95	297812.96	475.54	476.00	0.46	6.75	475.273	-4.00	7.44	475.959	100.00						
-7.26	475.938	100.00	-6.75	475.433	-4.00	2183	+	0.00	8401182.97	297794.64	475.70	476.08	0.37	6.75	475.433	-4.00	7.14	475.822	100.00						
-6.99	475.831	100.00	-6.75	475.592	-4.00	2184	+	0.00	8401191.00	297776.32	475.86	476.12	0.26	6.75	475.592	-4.00	7.17	476.008	100.00						
-6.84	475.844	100.00	-6.75	475.752	-4.00	2185	+	0.00	8401199.02	297758.00	476.02	476.06	0.03	6.75	475.752	-4.00	6.83	475.829	100.00						
-6.88	475.815	-66.67	-6.75	475.903	-4.00	2186	+	0.00	8401207.04	297739.68	476.17	476.05	-0.12	6.75	475.903	-4.00	6.84	475.997	100.00						
-7.03	475.810	-66.67	-6.75	475.995	-4.00	2187	+	0.00	8401215.07	297721.36	476.27	476.02	-0.24	6.75	475.995	-4.00	6.83	476.079	100.00						
-7.00	475.857	-66.67	-6.75	476.021	-4.00	2188	+	0.00	8401223.09	297703.04	476.29	475.98	-0.31	6.75	476.021	-4.00	7.23	475.700	-66.67						
-6.89	475.889	-66.67	-6.75	475.980	-4.00	2189	+	0.00	8401231.12	297684.72	476.25	476.01	-0.24	6.75	475.980	-4.00	6.77	475.968	-66.67						
-6.91	475.765	-66.67	-6.75	475.872	-4.00	2190	+	0.00	8401239.14	297666.40	476.14	475.90	-0.24	6.75	475.872	-4.00	6.78	475.851	-66.67						
-7.10	475.472	-66.67	-6.75	475.705	-4.00	2191	+	0.00	8401247.16	297648.08	475.98	475.66	-0.31	6.75	475.705	-4.00	6.96	475.564	-66.67						
-7.56	474.990	-66.67	-6.75	475.530	-4.00	2192	+	0.00	8401255.19	297629.76	475.80	475.11	-0.69	6.75	475.530	-4.00	7.02	475.350	-66.67						
-8.11	474.446	-66.67	-6.75	475.355	-4.00	2193	+	0.00	8401263.21	297611.44	475.63	474.51	-1.12	6.75	475.355	-4.00	7.91	474.580	-66.67						
-8.80	473.817	-66.67	-6.75	475.180	-4.00	2194	+	0.00	8401271.24	297593.12	475.45	473.94	-1.51	6.75	475.180	-4.00	8.48	474.029	-66.67						
-9.00	473.506	-66.67	-6.75	475.005	-4.00	2195	+	0.00	8401279.26	297574.80	475.28	473.52	-1.76	6.75	475.005	-4.00	9.25	473.337	-66.67						
-9.18	473.207	-66.67	-6.75	474.830	-4.00	2196	+	0.00	8401287.28	297556.48	475.10	473.30	-1.80	6.75	474.830	-4.00	9.39	473.072	-66.67						
-9.28	472.972	-66.67	-6.75	474.655	-4.00	2197	+	0.00	8401295.31	297538.16	474.93	473.18	-1.74	6.75	474.655	-4.00	9.51	472.819	-66.67						
-9.05	472.953	-66.67	-6.75	474.487	-4.00	2198	+	0.00	8401303.33	297519.84	474.76	473.14	-1.62	6.75	474.487	-4.00	9.26	472.811	-66.67						
-8.93	472.917	-66.67	-6.75	474.367	-4.00	2199	+	0.00	8401311.36	297501.52	474.64	473.19	-1.45	6.75	474.367	-4.00	8.57	473.151	-66.67						
-8.91	472.859	-66.67	-6.75	474.302	-4.00	2200	+	0.00	8401319.38	297483.20	474.57	473.16	-1.41	6.75	474.302	-4.00	8.78	472.951	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.94	472.834	-66.67	-6.75	474.292	-4.00	2201	+	0.00	8401327.40	297464.88	474.56	473.14	-1.42	6.75	474.292	-4.00	8.84	472.898	-66.67						
-8.98	472.850	-66.67	-6.75	474.337	-4.00	2202	+	0.00	8401335.43	297446.56	474.61	473.28	-1.33	6.75	474.337	-4.00	8.52	473.156	-66.67						
-8.51	473.255	-66.67	-6.75	474.430	-4.00	2203	+	0.00	8401343.45	297428.24	474.70	473.39	-1.31	6.75	474.430	-4.00	8.49	473.270	-66.67						
-8.68	473.243	-66.67	-6.75	474.530	-4.00	2204	+	0.00	8401351.48	297409.92	474.80	473.55	-1.25	6.75	474.530	-4.00	8.20	473.566	-66.67						
-8.23	473.643	-66.67	-6.75	474.630	-4.00	2205	+	0.00	8401359.50	297391.60	474.90	473.90	-1.00	6.75	474.630	-4.00	7.83	473.908	-66.67						
-7.55	474.197	-66.67	-6.75	474.730	-4.00	2206	+	0.00	8401367.52	297373.29	475.00	474.29	-0.71	6.75	474.730	-4.00	7.50	474.234	-66.67						
-7.69	474.203	-66.67	-6.75	474.830	-4.00	2207	+	0.00	8401375.55	297354.97	475.10	474.49	-0.61	6.75	474.830	-4.00	7.41	474.393	-66.67						
-7.47	474.447	-66.67	-6.75	474.930	-4.00	2208	+	0.00	8401383.57	297336.65	475.20	474.66	-0.54	6.75	474.930	-4.00	7.55	474.398	-66.67						
-7.40	474.596	-66.67	-6.75	475.030	-4.00	2209	+	0.00	8401391.60	297318.33	475.30	474.80	-0.50	6.75	475.030	-4.00	7.62	474.451	-66.67						
-7.84	474.405	-66.67	-6.75	475.130	-4.00	2210	+	0.00	8401399.62	297300.01	475.40	474.86	-0.54	6.75	475.130	-4.00	7.42	474.686	-66.67						
-7.52	474.716	-66.67	-6.75	475.230	-4.00	2211	+	0.00	8401407.65	297281.69	475.50	474.94	-0.56	6.75	475.230	-4.00	7.79	474.539	-66.67						
-7.66	474.727	-66.67	-6.75	475.330	-4.00	2212	+	0.00	8401415.67	297263.37	475.60	474.96	-0.64	6.75	475.330	-4.00	7.99	474.501	-66.67						
-7.75	474.764	-66.67	-6.75	475.430	-4.00	2213	+	0.00	8401423.69	297245.05	475.70	474.93	-0.77	6.75	475.430	-4.00	7.93	474.645	-66.67						
-7.85	474.799	-66.67	-6.75	475.530	-4.00	2214	+	0.00	8401431.72	297226.73	475.80	474.93	-0.87	6.75	475.530	-4.00	8.10	474.633	-66.67						
-8.13	474.712	-66.67	-6.75	475.630	-4.00	2215	+	0.00	8401439.74	297208.41	475.90	474.98	-0.92	6.75	475.630	-4.00	8.38	474.544	-66.67						
-8.29	474.703	-66.67	-6.75	475.730	-4.00	2216	+	0.00	8401447.77	297190.09	476.00	474.99	-1.01	6.75	475.730	-4.00	8.55	474.533	-66.67						
-8.52	474.648	-66.67	-6.75	475.830	-4.00	2217	+	0.00	8401455.79	297171.77	476.10	474.91	-1.20	6.75	475.830	-4.00	8.41	474.724	-66.67						
-8.77	474.577	-66.67	-6.75	475.925	-4.00	2218	+	0.00	8401463.81	297153.45	476.20	474.75	-1.44	6.75	475.925	-4.00	9.08	474.369	-66.67						
-9.09	474.419	-66.67	-6.75	475.981	-4.00	2219	+	0.00	8401471.84	297135.13	476.25	474.77	-1.49	6.75	475.981	-4.00	9.34	474.256	-66.67						
-9.19	474.364	-66.67	-6.75	475.993	-4.00	2220	+	0.00	8401479.86	297116.81	476.26	474.69	-1.57	6.75	475.993	-4.00	9.44	474.200	-66.67						
-9.15	474.362	-66.67	-6.75	475.960	-4.00	2221	+	0.00	8401487.89	297098.49	476.23	474.64	-1.59	6.75	475.960	-4.00	9.32	474.246	-66.67						
-9.16	474.281	-66.67	-6.75	475.884	-4.00	2222	+	0.00	8401495.91	297080.17	476.15	474.66	-1.49	6.75	475.884	-4.00	9.28	474.201	-66.67						
-9.14	474.177	-66.67	-6.75	475.770	-4.00	2223	+	0.00	8401503.93	297061.85	476.04	474.62	-1.42	6.75	475.770	-4.00	9.18	474.150	-66.67						
-8.73	474.333	-66.67	-6.75	475.650	-4.00	2224	+	0.00	8401511.96	297043.53	475.92	474.60	-1.32	6.75	475.650	-4.00	8.76	474.309	-66.67						
-8.78	474.179	-66.67	-6.75	475.530	-4.00	2225	+	0.00	8401519.98	297025.21	475.80	474.52	-1.28	6.75	475.530	-4.00	8.80	474.164	-66.67						
-8.59	474.186	-66.67	-6.75	475.410	-4.00	2226	+	0.00	8401528.01	297006.89	475.68	474.49	-1.19	6.75	475.410	-4.00	8.80	474.046	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.59	474.063	-66.67	-6.75	475.290	-4.00	2227	+	0.00	8401536.03	296988.57	475.56	474.42	-1.14	6.75	475.290	-4.00	8.64	474.029	-66.67						
-8.40	474.072	-66.67	-6.75	475.170	-4.00	2228	+	0.00	8401544.05	296970.25	475.44	474.42	-1.02	6.75	475.170	-4.00	8.45	474.034	-66.67						
-8.30	474.020	-66.67	-6.75	475.050	-4.00	2229	+	0.00	8401552.08	296951.93	475.32	474.39	-0.93	6.75	475.050	-4.00	8.23	474.062	-66.67						
-8.27	473.915	-66.67	-6.75	474.930	-4.00	2230	+	0.00	8401560.10	296933.61	475.20	474.34	-0.86	6.75	474.930	-4.00	8.14	474.004	-66.67						
-8.03	473.954	-66.67	-6.75	474.810	-4.00	2231	+	0.00	8401568.13	296915.29	475.08	474.29	-0.79	6.75	474.810	-4.00	8.12	473.899	-66.67						
-7.83	473.970	-66.67	-6.75	474.690	-4.00	2232	+	0.00	8401576.15	296896.97	474.96	474.29	-0.67	6.75	474.690	-4.00	7.76	474.016	-66.67						
-7.91	473.794	-66.67	-6.75	474.570	-4.00	2233	+	0.00	8401584.17	296878.65	474.84	474.20	-0.64	6.75	474.570	-4.00	7.93	473.782	-66.67						
-7.89	473.690	-66.67	-6.75	474.450	-4.00	2234	+	0.00	8401592.20	296860.33	474.72	473.97	-0.76	6.75	474.450	-4.00	8.02	473.605	-66.67						
-8.06	473.455	-66.67	-6.75	474.330	-4.00	2235	+	0.00	8401600.22	296842.01	474.60	473.69	-0.91	6.75	474.330	-4.00	8.11	473.422	-66.67						
-7.95	473.411	-66.67	-6.75	474.210	-4.00	2236	+	0.00	8401608.25	296823.69	474.48	473.61	-0.87	6.75	474.210	-4.00	8.33	473.154	-66.67						
-8.14	473.163	-66.67	-6.75	474.090	-4.00	2237	+	0.00	8401616.27	296805.37	474.36	473.40	-0.96	6.75	474.090	-4.00	8.22	473.110	-66.67						
-8.61	472.727	-66.67	-6.75	473.970	-4.00	2238	+	0.00	8401624.29	296787.05	474.24	472.89	-1.35	6.75	473.970	-4.00	9.04	472.443	-66.67						
-8.55	472.648	-66.67	-6.75	473.850	-4.00	2239	+	0.00	8401632.32	296768.73	474.12	472.66	-1.46	6.75	473.850	-4.00	9.14	472.254	-66.67						
-9.01	472.221	-66.67	-6.75	473.730	-4.00	2240	+	0.00	8401640.34	296750.41	474.00	472.33	-1.67	6.75	473.730	-4.00	9.64	471.804	-66.67						
-8.96	472.181	-66.67	-6.75	473.654	-3.35	2241	+	0.00	8401648.37	296732.09	473.88	472.02	-1.86	6.75	473.610	-4.00	9.89	471.514	-66.67						
-9.06	472.150	-66.67	-6.75	473.688	-1.07	2242	+	0.00	8401656.39	296713.77	473.76	471.98	-1.78	6.75	473.490	-4.00	9.64	471.565	-66.67						
-9.04	472.177	-66.67	-6.75	473.704	0.00	2242	+	9.41	8401660.17	296705.15	473.70	472.03	-1.68	6.75	473.434	-4.00	9.57	471.553	-66.67						
-8.93	472.266	-66.67	-6.75	473.721	1.20	2243	+	0.00	8401664.42	296695.46	473.64	472.11	-1.53	6.75	473.370	-4.00	9.41	471.595	-66.67						
-8.32	472.705	-66.67	-6.75	473.755	3.48	2244	+	0.00	8401672.63	296677.22	473.52	472.49	-1.03	6.75	473.250	-4.00	9.01	471.743	-66.67						
-8.38	472.700	-66.67	-6.75	473.789	5.76	2245	+	0.00	8401681.31	296659.20	473.40	472.98	-0.42	6.75	473.011	-5.76	7.51	472.507	-66.67						
-7.66	473.196	-66.67	-6.75	473.801	6.60	2245	+	7.41	8401684.71	296652.61	473.36	473.19	-0.17	6.75	472.910	-6.60	7.01	472.738	-66.67						
-7.20	473.423	-66.67	-6.75	473.725	6.60	2246	+	0.00	8401690.75	296641.57	473.28	473.38	0.10	6.75	472.834	-6.60	6.88	472.959	100.00						
-7.46	473.240	-66.67	-6.75	473.711	6.60	2246	+	2.39	8401691.98	296639.53	473.27	473.36	0.09	6.75	472.820	-6.60	6.89	472.958	100.00						
-6.90	473.522	-66.67	-6.75	473.621	6.60	2246	+	17.36	8401699.66	296626.67	473.18	473.30	0.12	6.75	472.730	-6.60	7.19	473.170	100.00						
-6.86	473.514	-66.67	-6.75	473.585	6.30	2247	+	0.00	8401701.07	296624.44	473.16	473.08	-0.09	6.75	472.735	-6.30	7.16	473.147	100.00						
-6.89	473.446	100.00	-6.75	473.312	4.02	2248	+	0.00	8401712.15	296607.80	473.04	473.03	-0.01	6.75	472.768	-4.02	7.08	473.099	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.08	473.365	100.00	-6.75	473.038	1.75	2249	+	0.00	8401723.74	296591.50	472.92	473.29	0.37	6.75	472.650	-4.00	7.24	473.144	100.00						
-7.52	473.599	100.00	-6.75	472.828	0.00	2249	+	15.36	8401732.80	296579.10	472.83	473.31	0.48	6.75	472.558	-4.00	7.20	473.010	100.00						
-7.67	473.685	100.00	-6.75	472.764	-0.53	2250	+	0.00	8401735.55	296575.35	472.80	473.46	0.66	6.75	472.530	-4.00	7.21	472.994	100.00						
-7.82	473.496	100.00	-6.75	472.430	-2.80	2251	+	0.00	8401747.38	296559.22	472.62	473.39	0.77	6.75	472.349	-4.00	7.61	473.207	100.00						
-7.25	472.552	100.00	-6.75	472.048	-4.00	2252	+	0.00	8401759.20	296543.10	472.32	472.88	0.56	6.75	472.048	-4.00	7.51	472.809	100.00						
-8.23	473.105	100.00	-6.75	471.625	-4.00	2253	+	0.00	8401771.03	296526.97	471.90	472.36	0.46	6.75	471.703	-2.84	7.76	472.710	100.00						
-7.48	471.808	100.00	-6.75	471.081	-4.00	2254	+	0.00	8401782.86	296510.84	471.35	471.89	0.54	6.75	471.313	-0.57	7.07	471.636	100.00						
-7.49	471.671	100.00	-6.75	470.927	-4.00	2254	+	4.99	8401785.80	296506.82	471.20	471.43	0.23	6.75	471.197	0.00	7.05	471.498	100.00						
-7.34	471.008	100.00	-6.75	470.417	-4.00	2255	+	0.00	8401794.66	296494.70	470.69	470.72	0.04	6.75	470.802	1.71	7.13	470.549	-66.67						
-6.76	469.701	100.00	-6.75	469.691	-4.00	2256	+	0.00	8401806.26	296478.40	469.96	469.80	-0.16	6.75	470.230	3.98	7.25	469.899	-66.67						
-7.47	468.331	-66.67	-6.75	468.813	-6.26	2257	+	0.00	8401817.36	296461.76	469.24	468.44	-0.79	6.75	469.658	6.26	8.58	468.439	-66.67						
-7.56	468.141	-66.67	-6.75	468.682	-6.60	2257	+	2.99	8401818.95	296459.24	469.13	468.16	-0.97	6.75	469.573	6.60	8.77	468.229	-66.67						
-9.66	466.125	-66.67	-6.75	468.065	-6.60	2258	+	0.00	8401827.68	296444.64	468.51	466.34	-2.18	6.75	468.956	6.60	9.27	467.279	-66.67						
-10.52	464.826	-66.67	-6.75	467.342	-6.60	2259	+	0.00	8401837.14	296427.02	467.79	465.55	-2.23	6.75	468.233	6.60	9.08	466.677	-66.67						
-6.86	466.575	-66.67	-6.75	466.646	-6.60	2260	+	0.00	8401845.71	296408.95	467.09	466.88	-0.22	6.75	467.537	6.60	7.66	466.932	-66.67						
-7.02	466.773	100.00	-6.75	466.501	-6.60	2260	+	4.28	8401847.34	296405.00	466.95	466.82	-0.13	6.75	467.392	6.60	7.74	466.733	-66.67						
-6.86	465.906	-66.67	-6.75	465.982	-6.60	2261	+	0.00	8401853.36	296390.47	466.43	465.78	-0.65	6.75	466.873	6.60	11.95	463.405	-66.67						
-11.02	462.491	-66.67	-6.75	465.338	-6.60	2262	+	0.00	8401860.08	296371.64	465.78	464.18	-1.61	6.75	466.229	6.60	10.18	463.941	-66.67						
-11.57	461.482	-66.67	-6.75	464.695	-6.60	2263	+	0.00	8401865.85	296352.49	465.14	461.93	-3.21	6.75	465.586	6.60	10.83	462.864	-66.67						
-11.58	461.298	-66.67	-6.75	464.516	-6.60	2263	+	5.57	8401867.28	296347.11	464.96	461.98	-2.98	6.75	465.407	6.60	10.77	462.725	-66.67						
-10.46	461.658	-66.67	-6.75	464.131	-5.41	2264	+	0.00	8401870.68	296333.08	464.50	462.42	-2.07	6.75	464.862	5.41	8.79	463.505	-66.67						
-9.68	461.646	-66.67	-6.75	463.599	-3.77	2265	+	0.00	8401874.77	296313.51	463.85	463.25	-0.61	6.75	464.108	3.77	7.42	463.661	-66.67						
-6.93	463.241	100.00	-6.75	463.066	-2.13	2266	+	0.00	8401878.47	296293.85	463.21	463.35	0.14	6.75	463.353	2.13	7.13	463.729	100.00						
-7.50	463.718	100.00	-6.75	462.971	-1.83	2266	+	3.57	8401879.11	296290.34	463.10	463.40	0.31	6.75	463.219	1.83	7.31	463.778	100.00						
-7.19	462.973	100.00	-6.75	462.534	-0.48	2267	+	0.00	8401882.07	296274.18	462.57	463.08	0.51	6.75	462.599	0.48	7.82	463.664	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.02	462.272	100.00	-6.75	462.001	1.16	2268	+	0.00	8401885.68	296254.51	461.92	463.15	1.22	6.75	461.844	-1.16	8.28	463.377	100.00						
-7.75	462.785	100.00	-6.75	461.783	1.83	2268	+	8.19	8401887.15	296246.45	461.66	463.17	1.51	6.75	461.535	-1.83	9.07	463.852	100.00						
-8.37	463.089	100.00	-6.75	461.468	2.80	2269	+	0.00	8401889.30	296234.84	461.28	463.03	1.75	6.75	461.090	-2.80	10.36	464.698	100.00						
-8.66	462.845	100.00	-6.75	460.936	4.45	2270	+	0.00	8401893.12	296215.21	460.64	464.46	3.82	6.75	460.335	-4.45	14.37	467.953	100.00						
-9.63	463.287	100.00	-6.75	460.403	6.09	2271	+	0.00	8401897.47	296195.69	459.99	465.58	5.59	6.75	459.581	-6.09	14.75	467.581	100.00	18.75	467.181	-10.00	21.06	469.491	100.00
-9.68	463.172	100.00	-6.75	460.238	6.60	2271	+	6.19	8401898.98	296189.69	459.79	465.72	5.93	6.75	459.347	-6.60	14.75	467.347	100.00	18.75	466.947	-10.00	21.16	469.355	100.00
-9.14	462.181	100.00	-6.75	459.794	6.60	2272	+	0.00	8401902.68	296176.38	459.35	465.31	5.96	6.75	458.903	-6.60	14.75	466.903	100.00	18.75	466.503	-10.00	21.65	469.400	100.00
-7.22	459.616	100.00	-6.75	459.150	6.60	2273	+	0.00	8401908.84	296157.35	458.71	460.38	1.68	6.75	458.259	-6.60	10.60	462.106	100.00						
-8.26	457.501	-66.67	-6.75	458.507	6.60	2274	+	0.00	8401915.95	296138.66	458.06	457.82	-0.24	6.75	457.616	-6.60	7.11	457.973	100.00						
-8.96	456.388	-66.67	-6.75	457.863	6.60	2275	+	0.00	8401923.98	296120.35	457.42	456.62	-0.80	6.75	456.972	-6.60	7.33	456.586	-66.67						
-9.28	455.637	-66.67	-6.75	457.321	6.60	2275	+	16.84	8401931.51	296105.28	456.88	455.56	-1.32	6.75	456.430	-6.60	7.82	455.718	-66.67						
-9.45	455.417	-66.67	-6.75	457.220	6.60	2276	+	0.00	8401932.92	296102.46	456.77	455.43	-1.35	6.75	456.329	-6.60	8.09	455.437	-66.67						
-10.14	454.333	-66.67	-6.75	456.592	6.60	2277	+	0.00	8401942.74	296085.04	456.15	454.71	-1.43	6.75	455.701	-6.60	8.64	454.441	-66.67						
-10.44	453.613	-66.67	-6.75	456.075	6.60	2278	+	0.00	8401953.41	296068.13	455.63	454.05	-1.58	6.75	455.184	-6.60	9.06	453.647	-66.67						
-10.70	453.054	-66.67	-6.75	455.684	6.60	2279	+	0.00	8401964.92	296051.77	455.24	453.56	-1.67	6.75	454.793	-6.60	9.23	453.141	-66.67						
-10.63	452.834	-66.67	-6.75	455.419	6.60	2280	+	0.00	8401977.24	296036.02	454.97	453.16	-1.82	6.75	454.528	-6.60	9.56	452.657	-66.67						
-10.33	452.965	-66.67	-6.75	455.353	6.60	2280	+	7.50	8401982.05	296030.27	454.91	453.01	-1.90	6.75	454.462	-6.60	9.78	452.442	-66.67						
-10.20	452.885	-66.67	-6.75	455.185	5.18	2281	+	0.00	8401990.31	296020.88	454.84	453.00	-1.84	6.75	454.486	-5.18	9.83	452.432	-66.67						
-10.94	452.224	-66.67	-6.75	455.020	2.90	2282	+	0.00	8402003.97	296006.27	454.82	453.34	-1.48	6.75	454.554	-4.00	10.04	452.363	-66.67						
-9.50	453.147	-66.67	-6.75	454.980	0.63	2283	+	0.00	8402017.94	295991.97	454.94	453.42	-1.52	6.75	454.668	-4.00	11.32	451.622	-66.67						
-9.40	453.227	-66.67	-6.75	454.992	0.00	2283	+	5.50	8402021.81	295988.05	454.99	453.31	-1.69	6.75	454.722	-4.00	11.83	451.335	-66.67						
-9.24	453.389	-66.67	-6.75	455.052	-1.65	2284	+	0.00	8402032.00	295977.74	455.16	453.22	-1.95	6.75	454.893	-4.00	11.00	452.063	-66.67						
-8.16	454.196	-66.67	-6.75	455.139	-3.93	2285	+	0.00	8402046.06	295963.51	455.40	453.88	-1.53	6.75	455.134	-4.00	10.48	452.648	-66.67						
-7.71	454.734	-66.67	-6.75	455.375	-4.00	2286	+	0.00	8402060.12	295949.29	455.65	454.59	-1.06	6.75	455.375	-4.00	9.99	453.212	-66.67						
-7.62	455.036	-66.67	-6.75	455.615	-4.00	2287	+	0.00	8402074.18	295935.06	455.89	454.88	-1.01	6.75	455.615	-4.00	10.50	453.118	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.15	454.920	-66.67	-6.75	455.856	-4.00	2288	+	0.00	8402088.23	295920.84	456.13	454.75	-1.37	6.75	455.856	-4.00	10.74	453.196	-66.67						
-8.37	455.018	-66.67	-6.75	456.097	-4.00	2289	+	0.00	8402102.29	295906.62	456.37	454.99	-1.38	6.75	456.097	-4.00	10.18	453.811	-66.67						
-8.07	455.461	-66.67	-6.75	456.338	-4.00	2290	+	0.00	8402116.35	295892.39	456.61	455.74	-0.87	6.75	456.338	-4.00	9.05	454.805	-66.67						
-7.48	456.093	-66.67	-6.75	456.579	-4.00	2291	+	0.00	8402130.41	295878.17	456.85	456.18	-0.67	6.75	456.579	-4.00	7.89	455.821	-66.67						
-6.81	456.783	-66.67	-6.75	456.819	-4.00	2292	+	0.00	8402144.47	295863.94	457.09	456.90	-0.19	6.75	456.819	-4.00	6.87	456.742	-66.67						
-7.06	457.370	100.00	-6.75	457.060	-4.00	2293	+	0.00	8402158.53	295849.72	457.33	457.40	0.07	6.75	457.060	-4.00	6.80	457.026	-66.67						
-7.53	458.054	100.00	-6.75	457.272	-4.00	2294	+	0.00	8402172.59	295835.49	457.54	458.01	0.47	6.75	457.272	-4.00	7.05	457.569	100.00						
-7.62	458.247	100.00	-6.75	457.378	-4.00	2295	+	0.00	8402186.65	295821.27	457.65	458.31	0.66	6.75	457.378	-4.00	7.41	458.034	100.00						
-7.85	458.473	100.00	-6.75	457.372	-4.00	2296	+	0.00	8402200.71	295807.04	457.64	458.40	0.76	6.75	457.372	-4.00	7.59	458.207	100.00						
-7.86	458.361	100.00	-6.75	457.256	-4.00	2297	+	0.00	8402214.76	295792.82	457.53	458.23	0.71	6.75	457.256	-4.00	7.65	458.158	100.00						
-7.72	457.995	100.00	-6.75	457.028	-4.00	2298	+	0.00	8402228.82	295778.59	457.30	458.06	0.76	6.75	457.028	-4.00	7.71	457.989	100.00						
-7.62	457.587	100.00	-6.75	456.718	-4.00	2299	+	0.00	8402242.88	295764.37	456.99	457.70	0.71	6.75	456.718	-4.00	7.72	457.683	100.00						
-7.46	457.111	100.00	-6.75	456.403	-4.00	2300	+	0.00	8402256.94	295750.14	456.67	457.13	0.45	6.75	456.403	-4.00	7.40	457.052	100.00						
-7.18	456.516	100.00	-6.75	456.089	-4.00	2301	+	0.00	8402271.00	295735.92	456.36	456.48	0.12	6.75	456.089	-4.00	7.03	456.370	100.00						
-6.79	455.818	100.00	-6.75	455.774	-4.00	2302	+	0.00	8402285.06	295721.69	456.04	455.74	-0.31	6.75	455.774	-4.00	7.00	455.610	-66.67						
-6.79	455.677	-66.67	-6.75	455.701	-4.00	2302	+	4.68	8402288.34	295718.36	455.97	455.53	-0.44	6.75	455.701	-4.00	7.12	455.456	-66.67						
-7.58	454.904	-66.67	-6.75	455.460	-4.00	2303	+	0.00	8402299.14	295707.49	455.73	454.83	-0.90	6.75	455.460	-4.00	7.90	454.692	-66.67						
-8.69	453.853	-66.67	-6.75	455.145	-4.00	2304	+	0.00	8402313.31	295693.38	455.42	453.93	-1.48	6.75	455.145	-4.00	8.57	453.930	-66.67						
-9.66	452.906	-66.67	-6.75	454.847	-4.00	2305	+	0.00	8402327.57	295679.35	455.12	453.19	-1.93	6.75	454.847	-4.00	9.93	452.730	-66.67						
-10.84	451.939	-66.67	-6.75	454.664	-4.00	2306	+	0.00	8402341.91	295665.41	454.93	452.70	-2.23	6.75	454.664	-4.00	10.90	451.901	-66.67						
-11.38	451.527	-66.67	-6.75	454.613	-4.00	2307	+	0.00	8402356.34	295651.56	454.88	452.54	-2.35	6.75	454.613	-4.00	11.85	451.211	-66.67						
-10.18	452.408	-66.67	-6.75	454.693	-4.00	2307	+	19.90	8402370.78	295637.86	454.96	452.76	-2.21	6.75	454.693	-4.00	10.28	452.341	-66.67						
-10.17	452.413	-66.67	-6.75	454.694	-4.00	2308	+	0.00	8402370.85	295637.80	454.96	452.76	-2.20	6.75	454.694	-4.00	10.27	452.345	-66.67						
-9.54	453.050	-66.67	-6.75	454.906	-4.00	2309	+	0.00	8402385.45	295624.12	455.18	453.27	-1.90	6.75	454.906	-4.00	9.73	452.917	-66.67						
-7.65	454.648	-66.67	-6.75	455.250	-4.00	2310	+	0.00	8402400.13	295610.54	455.52	454.35	-1.17	6.75	455.250	-4.00	7.88	454.498	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.41	456.389	100.00	-6.75	455.726	-4.00	2311	+	0.00	8402414.89	295597.05	456.00	456.22	0.23	6.75	455.726	-4.00	7.48	456.460	100.00						
-8.21	457.798	100.00	-6.75	456.333	-4.00	2312	+	0.00	8402429.74	295583.65	456.60	457.71	1.11	6.75	456.333	-4.00	8.41	457.991	100.00						
-8.82	459.124	100.00	-6.75	457.056	-4.00	2313	+	0.00	8402444.67	295570.34	457.33	458.82	1.50	6.75	457.056	-4.00	8.54	458.843	100.00						
-9.10	459.968	100.00	-6.75	457.615	-4.00	2313	+	15.12	8402456.01	295560.34	457.89	459.54	1.66	6.75	457.615	-4.00	8.58	459.447	100.00						
-9.05	460.091	100.00	-6.75	457.795	-4.00	2314	+	0.00	8402459.67	295557.12	458.07	459.80	1.73	6.75	457.795	-4.00	8.69	459.736	100.00						
-9.24	461.027	100.00	-6.75	458.534	-4.00	2315	+	0.00	8402474.70	295543.93	458.80	460.89	2.08	6.75	458.534	-4.00	9.05	460.838	100.00						
-9.19	461.718	100.00	-6.75	459.273	-4.00	2316	+	0.00	8402489.74	295530.73	459.54	461.55	2.01	6.75	459.273	-4.00	8.85	461.378	100.00						
-9.03	462.296	100.00	-6.75	460.013	-4.00	2317	+	0.00	8402504.77	295517.54	460.28	462.25	1.97	6.75	460.013	-4.00	9.10	462.359	100.00						
-9.18	463.168	100.00	-6.75	460.736	-4.00	2318	+	0.00	8402519.80	295504.35	461.01	462.80	1.79	6.75	460.736	-4.00	8.92	462.903	100.00						
-8.69	463.287	100.00	-6.75	461.348	-4.00	2319	+	0.00	8402534.83	295491.15	461.62	463.24	1.62	6.75	461.348	-4.00	8.40	463.001	100.00						
-8.42	463.501	100.00	-6.75	461.832	-4.00	2320	+	0.00	8402549.86	295477.96	462.10	463.54	1.44	6.75	461.832	-4.00	8.21	463.291	100.00						
-8.30	463.741	100.00	-6.75	462.189	-4.00	2321	+	0.00	8402564.89	295464.77	462.46	463.72	1.26	6.75	462.189	-4.00	7.99	463.430	100.00						
-7.91	463.574	100.00	-6.75	462.419	-4.00	2322	+	0.00	8402579.92	295451.57	462.69	463.62	0.93	6.75	462.419	-4.00	7.69	463.356	100.00						
-7.83	463.615	100.00	-6.75	462.538	-4.00	2323	+	0.00	8402594.96	295438.38	462.81	463.57	0.77	6.75	462.538	-4.00	7.52	463.310	100.00						
-7.55	463.437	100.00	-6.75	462.640	-4.00	2324	+	0.00	8402609.99	295425.19	462.91	463.58	0.67	6.75	462.640	-4.00	7.37	463.256	100.00						
-7.56	463.547	100.00	-6.75	462.743	-4.00	2325	+	0.00	8402625.02	295411.99	463.01	463.59	0.58	6.75	462.743	-4.00	7.23	463.223	100.00						
-7.42	463.513	100.00	-6.75	462.845	-4.00	2326	+	0.00	8402640.05	295398.80	463.12	463.54	0.43	6.75	462.845	-4.00	7.13	463.221	100.00						
-7.28	463.474	100.00	-6.75	462.948	-4.00	2327	+	0.00	8402655.08	295385.61	463.22	463.58	0.36	6.75	462.948	-4.00	6.99	463.190	100.00						
-7.07	463.374	100.00	-6.75	463.050	-4.00	2328	+	0.00	8402670.11	295372.42	463.32	463.60	0.28	6.75	463.050	-4.00	6.83	463.133	100.00						
-7.00	463.405	100.00	-6.75	463.153	-4.00	2329	+	0.00	8402685.14	295359.22	463.42	463.58	0.16	6.75	463.153	-4.00	6.77	463.174	100.00						
-6.86	463.365	100.00	-6.75	463.255	-4.00	2330	+	0.00	8402700.17	295346.03	463.53	463.53	0.01	6.75	463.255	-4.00	7.09	463.027	-66.67						
-6.91	463.512	100.00	-6.75	463.358	-4.00	2331	+	0.00	8402715.21	295332.84	463.63	463.58	-0.05	6.75	463.358	-4.00	7.09	463.129	-66.67						
-6.90	463.612	100.00	-6.75	463.460	-4.00	2332	+	0.00	8402730.24	295319.64	463.73	463.65	-0.08	6.75	463.460	-4.00	7.04	463.270	-66.67						
-6.91	463.718	100.00	-6.75	463.563	-4.00	2333	+	0.00	8402745.27	295306.45	463.83	463.75	-0.08	6.75	463.563	-4.00	7.08	463.346	-66.67						
-6.96	463.872	100.00	-6.75	463.665	-4.00	2334	+	0.00	8402760.30	295293.26	463.94	463.91	-0.02	6.75	463.665	-4.00	6.88	463.579	-66.67						
-6.95	463.971	100.00	-6.75	463.768	-4.00	2335	+	0.00	8402775.33	295280.06	464.04	464.06	0.02	6.75	463.768	-4.00	6.77	463.786	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.95	464.074	100.00	-6.75	463.870	-4.00	2336	+	0.00	8402790.36	295266.87	464.14	464.22	0.08	6.75	463.870	-4.00	6.76	463.861	-66.67						
-7.00	464.220	100.00	-6.75	463.973	-4.00	2337	+	0.00	8402805.39	295253.68	464.24	464.36	0.12	6.75	463.973	-4.00	6.97	464.194	100.00						
-7.16	464.480	100.00	-6.75	464.075	-4.00	2338	+	0.00	8402820.42	295240.48	464.35	464.53	0.18	6.75	464.075	-4.00	7.01	464.339	100.00						
-7.16	464.591	100.00	-6.75	464.178	-4.00	2339	+	0.00	8402835.46	295227.29	464.45	464.72	0.27	6.75	464.178	-4.00	6.95	464.381	100.00						
-7.27	464.798	100.00	-6.75	464.280	-4.00	2340	+	0.00	8402850.49	295214.10	464.55	464.89	0.34	6.75	464.280	-4.00	7.13	464.657	100.00						
-7.34	464.972	100.00	-6.75	464.383	-4.00	2341	+	0.00	8402865.52	295200.90	464.65	465.00	0.35	6.75	464.383	-4.00	6.99	464.625	100.00						
-7.32	465.054	100.00	-6.75	464.485	-4.00	2342	+	0.00	8402880.55	295187.71	464.76	465.13	0.37	6.75	464.485	-4.00	7.05	464.789	100.00						
-7.30	465.134	100.00	-6.75	464.588	-4.00	2343	+	0.00	8402895.58	295174.52	464.86	465.16	0.30	6.75	464.588	-4.00	7.08	464.921	100.00						
-7.19	465.126	100.00	-6.75	464.690	-4.00	2344	+	0.00	8402910.61	295161.32	464.96	465.14	0.18	6.75	464.690	-4.00	6.94	464.883	100.00						
-7.11	465.154	100.00	-6.75	464.793	-4.00	2345	+	0.00	8402925.64	295148.13	465.06	465.21	0.15	6.75	464.793	-4.00	6.81	464.853	100.00						
-6.98	465.124	100.00	-6.75	464.895	-4.00	2346	+	0.00	8402940.67	295134.94	465.17	465.28	0.12	6.75	464.895	-4.00	6.80	464.948	100.00						
-6.87	465.119	100.00	-6.75	464.998	-4.00	2347	+	0.00	8402955.71	295121.74	465.27	465.36	0.09	6.75	464.998	-4.00	6.76	464.991	-66.67						
-6.94	465.288	100.00	-6.75	465.100	-4.00	2348	+	0.00	8402970.74	295108.55	465.37	465.38	0.01	6.75	465.100	-4.00	6.91	464.992	-66.67						
-6.81	465.258	100.00	-6.75	465.203	-4.00	2349	+	0.00	8402985.77	295095.36	465.47	465.43	-0.04	6.75	465.203	-4.00	6.86	465.131	-66.67						
-6.84	465.390	100.00	-6.75	465.305	-4.00	2350	+	0.00	8403000.80	295082.16	465.58	465.52	-0.05	6.75	465.305	-4.00	6.93	465.182	-66.67						
-6.78	465.388	-66.67	-6.75	465.408	-4.00	2351	+	0.00	8403015.83	295068.97	465.68	465.59	-0.09	6.75	465.408	-4.00	6.92	465.295	-66.67						
-6.83	465.454	-66.67	-6.75	465.510	-4.00	2352	+	0.00	8403030.86	295055.78	465.78	465.65	-0.13	6.75	465.510	-4.00	6.90	465.411	-66.67						
-6.84	465.552	-66.67	-6.75	465.613	-4.00	2353	+	0.00	8403045.89	295042.59	465.88	465.77	-0.11	6.75	465.613	-4.00	7.00	465.445	-66.67						
-6.89	465.622	-66.67	-6.75	465.715	-4.00	2354	+	0.00	8403060.92	295029.39	465.99	465.79	-0.20	6.75	465.715	-4.00	7.10	465.480	-66.67						
-7.04	465.626	-66.67	-6.75	465.818	-4.00	2355	+	0.00	8403075.96	295016.20	466.09	465.85	-0.24	6.75	465.818	-4.00	7.09	465.593	-66.67						
-7.04	465.709	-66.67	-6.75	465.902	-4.00	2356	+	0.00	8403090.99	295003.01	466.17	465.88	-0.29	6.75	465.902	-4.00	7.29	465.540	-66.67						
-7.04	465.759	-66.67	-6.75	465.950	-4.00	2357	+	0.00	8403106.02	294989.81	466.22	465.91	-0.31	6.75	465.950	-4.00	7.20	465.649	-66.67						
-7.13	465.710	-66.67	-6.75	465.962	-4.00	2358	+	0.00	8403121.05	294976.62	466.23	465.94	-0.29	6.75	465.962	-4.00	7.22	465.652	-66.67						
-6.78	465.917	-66.67	-6.75	465.938	-4.00	2359	+	0.00	8403136.08	294963.43	466.21	466.00	-0.21	6.75	465.938	-4.00	7.05	465.740	-66.67						
-6.80	465.930	100.00	-6.75	465.878	-4.00	2360	+	0.00	8403151.11	294950.23	466.15	466.09	-0.06	6.75	465.878	-4.00	6.77	465.868	-66.67						
-6.91	465.941	100.00	-6.75	465.782	-4.00	2361	+	0.00	8403166.14	294937.04	466.05	466.08	0.02	6.75	465.782	-4.00	6.78	465.814	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.07	465.967	100.00	-6.75	465.650	-4.00	2362	+	0.00	8403181.18	294923.85	465.92	466.11	0.19	6.75	465.650	-4.00	6.93	465.826	100.00						
-7.15	465.884	100.00	-6.75	465.481	-4.00	2363	+	0.00	8403196.21	294910.65	465.75	466.03	0.28	6.75	465.481	-4.00	7.08	465.808	100.00						
-7.27	465.801	100.00	-6.75	465.277	-4.00	2364	+	0.00	8403211.24	294897.46	465.55	465.85	0.31	6.75	465.277	-4.00	7.09	465.612	100.00						
-7.37	465.654	100.00	-6.75	465.036	-4.00	2365	+	0.00	8403226.27	294884.27	465.31	465.79	0.48	6.75	465.036	-4.00	7.25	465.538	100.00						
-7.41	465.434	100.00	-6.75	464.777	-4.00	2366	+	0.00	8403241.30	294871.07	465.05	465.64	0.60	6.75	464.777	-4.00	7.48	465.507	100.00						
-7.55	465.321	100.00	-6.75	464.518	-4.00	2367	+	0.00	8403256.33	294857.88	464.79	465.49	0.70	6.75	464.518	-4.00	7.50	465.268	100.00						
-7.69	465.194	100.00	-6.75	464.259	-4.00	2368	+	0.00	8403271.36	294844.69	464.53	465.24	0.71	6.75	464.259	-4.00	7.51	465.024	100.00						
-7.69	464.942	100.00	-6.75	464.001	-4.00	2369	+	0.00	8403286.39	294831.49	464.27	465.04	0.77	6.75	464.001	-4.00	7.50	464.751	100.00						
-7.63	464.624	100.00	-6.75	463.742	-4.00	2370	+	0.00	8403301.43	294818.30	464.01	464.72	0.71	6.75	463.742	-4.00	7.38	464.368	100.00						
-7.45	464.187	100.00	-6.75	463.483	-4.00	2371	+	0.00	8403316.46	294805.11	463.75	464.27	0.52	6.75	463.483	-4.00	7.29	464.020	100.00						
-7.14	463.614	100.00	-6.75	463.224	-4.00	2372	+	0.00	8403331.49	294791.91	463.49	463.69	0.20	6.75	463.224	-4.00	6.96	463.431	100.00						
-7.24	462.641	-66.67	-6.75	462.965	-4.00	2373	+	0.00	8403346.52	294778.72	463.24	462.76	-0.48	6.75	463.056	-2.66	7.43	462.601	-66.67						
-7.88	461.960	-66.67	-6.75	462.716	-4.00	2373	+	19.27	8403361.00	294766.01	462.99	462.03	-0.95	6.75	462.986	0.00	8.83	461.601	-66.67						
-7.80	462.007	-66.67	-6.75	462.706	-4.00	2374	+	0.00	8403361.55	294765.53	462.98	462.01	-0.97	6.75	462.983	0.10	8.88	461.565	-66.67						
-8.68	461.178	-66.67	-6.75	462.462	-4.00	2375	+	0.00	8403376.51	294752.25	462.73	461.35	-1.39	6.75	462.925	2.86	10.70	460.289	-66.67						
-10.15	459.941	-66.67	-6.75	462.211	-5.62	2376	+	0.00	8403391.04	294738.52	462.59	461.51	-1.08	6.75	462.969	5.62	11.59	459.744	-66.67						
-10.02	459.839	-66.67	-6.75	462.021	-8.00	2376	+	17.27	8403402.92	294725.98	462.56	461.76	-0.80	6.75	463.101	8.00	11.12	460.188	-66.67						
-9.85	459.959	-66.67	-6.75	462.024	-8.00	2377	+	0.00	8403404.71	294723.92	462.56	461.68	-0.88	6.75	463.104	8.00	10.92	460.325	-66.67						
-8.90	460.684	-66.67	-6.75	462.115	-8.00	2378	+	0.00	8403417.11	294708.24	462.66	461.66	-1.00	6.75	463.195	8.00	8.99	461.699	-66.67						
-7.86	461.583	-66.67	-6.75	462.322	-8.00	2379	+	0.00	8403428.10	294691.54	462.86	461.96	-0.91	6.75	463.402	8.00	8.40	462.304	-66.67						
-6.95	462.498	-66.67	-6.75	462.631	-8.00	2380	+	0.00	8403437.60	294673.95	463.17	462.81	-0.36	6.75	463.711	8.00	7.70	463.077	-66.67						
-6.98	463.083	100.00	-6.75	462.855	-8.00	2380	+	13.80	8403443.08	294661.28	463.40	463.41	0.02	6.75	463.935	8.00	7.20	463.638	-66.67						
-7.18	463.389	100.00	-6.75	462.955	-8.00	2381	+	0.00	8403445.54	294655.59	463.50	463.80	0.31	6.75	464.035	8.00	6.79	464.071	100.00						
-7.94	464.465	100.00	-6.75	463.279	-8.00	2382	+	0.00	8403451.85	294636.62	463.82	464.70	0.88	6.75	464.359	8.00	7.51	465.119	100.00						
-8.26	465.115	100.00	-6.75	463.603	-8.00	2383	+	0.00	8403456.49	294617.18	464.14	465.39	1.24	6.75	464.683	8.00	7.72	465.651	100.00						
-8.36	465.534	100.00	-6.75	463.927	-8.00	2384	+	0.00	8403459.42	294597.40	464.47	465.86	1.40	6.75	465.007	8.00	7.72	465.977	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.30	465.645	100.00	-6.75	464.094	-8.00	2384	+	10.34	8403460.26	294587.10	464.63	466.03	1.39	6.75	465.174	8.00	7.55	465.977	100.00						
-8.07	465.656	100.00	-6.75	464.340	-6.67	2385	+	0.00	8403460.64	294577.44	464.79	466.10	1.31	6.75	465.240	6.67	7.49	465.981	100.00						
-7.73	465.829	100.00	-6.75	464.844	-4.00	2386	+	0.00	8403460.42	294557.44	465.11	466.25	1.14	6.75	465.378	3.91	7.30	465.925	100.00						
-7.63	466.050	100.00	-6.75	465.168	-4.00	2387	+	0.00	8403459.35	294537.47	465.44	466.43	0.99	6.75	465.516	1.15	7.43	466.198	100.00						
-7.50	466.050	100.00	-6.75	465.303	-4.00	2387	+	8.34	8403458.80	294529.16	465.57	466.52	0.95	6.75	465.573	0.00	7.45	466.269	100.00						
-7.47	466.214	100.00	-6.75	465.492	-4.00	2388	+	0.00	8403458.02	294517.52	465.76	466.56	0.80	6.75	465.653	-1.61	7.47	466.369	100.00						
-7.15	466.211	100.00	-6.75	465.816	-4.00	2389	+	0.00	8403456.67	294497.56	466.09	466.67	0.59	6.75	465.816	-4.00	7.58	466.642	100.00						
-7.10	466.491	100.00	-6.75	466.140	-4.00	2390	+	0.00	8403455.33	294477.61	466.41	466.87	0.46	6.75	466.140	-4.00	7.52	466.906	100.00						
-6.96	466.673	100.00	-6.75	466.463	-4.00	2391	+	0.00	8403453.99	294457.65	466.73	467.04	0.30	6.75	466.463	-4.00	7.33	467.045	100.00						
-6.94	466.973	100.00	-6.75	466.787	-4.00	2392	+	0.00	8403452.64	294437.70	467.06	467.26	0.21	6.75	466.787	-4.00	7.11	467.145	100.00						
-6.85	467.208	100.00	-6.75	467.111	-4.00	2393	+	0.00	8403451.30	294417.74	467.38	467.43	0.05	6.75	467.111	-4.00	7.14	467.496	100.00						
-7.06	467.206	-66.67	-6.75	467.410	-4.00	2394	+	0.00	8403449.95	294397.79	467.68	467.58	-0.10	6.75	467.410	-4.00	6.91	467.566	100.00						
-7.36	467.256	-66.67	-6.75	467.659	-4.00	2395	+	0.00	8403448.61	294377.84	467.93	467.70	-0.23	6.75	467.659	-4.00	6.78	467.640	-66.67						
-7.56	467.320	-66.67	-6.75	467.859	-4.00	2396	+	0.00	8403447.26	294357.88	468.13	467.80	-0.33	6.75	467.859	-4.00	6.83	467.804	-66.67						
-7.46	467.538	-66.67	-6.75	468.009	-4.00	2397	+	0.00	8403445.92	294337.93	468.28	467.87	-0.41	6.75	468.009	-4.00	6.94	467.884	-66.67						
-7.64	467.516	-66.67	-6.75	468.109	-4.00	2398	+	0.00	8403444.58	294317.97	468.38	467.92	-0.46	6.75	468.109	-4.00	7.02	467.933	-66.67						
-7.59	467.599	-66.67	-6.75	468.160	-4.00	2399	+	0.00	8403443.23	294298.02	468.43	468.01	-0.42	6.75	468.160	-4.00	6.76	468.151	-66.67						
-7.15	467.894	-66.67	-6.75	468.161	-4.00	2400	+	0.00	8403441.89	294278.06	468.43	468.07	-0.36	6.75	468.161	-4.00	6.80	468.128	-66.67						
-7.57	467.569	-66.67	-6.75	468.113	-4.00	2401	+	0.00	8403440.54	294258.11	468.38	468.20	-0.19	6.75	468.113	-4.00	6.88	468.238	100.00						
-7.04	467.821	-66.67	-6.75	468.014	-4.00	2402	+	0.00	8403439.20	294238.15	468.28	468.14	-0.15	6.75	468.014	-4.00	6.94	468.206	100.00						
-6.78	467.892	100.00	-6.75	467.866	-4.00	2403	+	0.00	8403437.86	294218.20	468.14	468.18	0.04	6.75	467.866	-4.00	7.00	468.118	100.00						
-7.01	467.519	-66.67	-6.75	467.694	-4.00	2404	+	0.00	8403436.51	294198.24	467.96	468.07	0.11	6.75	467.694	-4.00	7.11	468.051	100.00						
-6.82	467.589	100.00	-6.75	467.521	-4.00	2405	+	0.00	8403435.17	294178.29	467.79	467.96	0.17	6.75	467.521	-4.00	7.21	467.983	100.00						
-7.01	467.605	100.00	-6.75	467.348	-4.00	2406	+	0.00	8403433.82	294158.33	467.62	467.87	0.25	6.75	467.348	-4.00	7.45	468.050	100.00						
-7.02	467.449	100.00	-6.75	467.175	-4.00	2407	+	0.00	8403432.48	294138.38	467.45	467.88	0.44	6.75	467.175	-4.00	7.46	467.885	100.00						
-7.05	467.412	100.00	-6.75	467.113	-2.37	2408	+	0.00	8403431.14	294118.42	467.27	467.86	0.59	6.75	467.003	-4.00	7.65	467.898	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.00	467.343	100.00	-6.75	467.089	-0.17	2409	+	0.00	8403429.79	294098.47	467.10	467.85	0.75	6.75	466.830	-4.00	7.76	467.842	100.00						
-7.03	467.365	100.00	-6.75	467.087	0.00	2409	+	1.52	8403429.69	294096.95	467.09	467.84	0.76	6.75	466.817	-4.00	7.78	467.841	100.00						
-7.08	467.393	100.00	-6.75	467.064	2.03	2410	+	0.00	8403428.49	294078.51	466.93	467.78	0.85	6.75	466.657	-4.00	7.83	467.735	100.00						
-7.00	467.291	100.00	-6.75	467.040	4.23	2411	+	0.00	8403427.50	294058.54	466.76	467.65	0.89	6.75	466.469	-4.23	7.79	467.509	100.00						
-6.94	467.202	100.00	-6.75	467.016	6.43	2412	+	0.00	8403427.15	294038.54	466.58	467.43	0.84	6.75	466.148	-6.43	7.96	467.361	100.00						
-6.97	467.236	100.00	-6.75	467.014	6.60	2412	+	1.52	8403427.16	294037.02	466.57	467.44	0.87	6.75	466.123	-6.60	7.95	467.326	100.00						
-7.03	467.155	100.00	-6.75	466.873	6.60	2412	+	17.85	8403427.66	294020.70	466.43	467.37	0.94	6.75	465.982	-6.60	8.09	467.321	100.00						
-7.08	467.183	100.00	-6.75	466.855	6.60	2413	+	0.00	8403427.73	294018.55	466.41	467.35	0.94	6.75	465.964	-6.60	8.11	467.328	100.00						
-6.91	466.892	100.00	-6.75	466.732	6.60	2413	+	14.18	8403428.74	294004.41	466.29	467.15	0.87	6.75	465.841	-6.60	8.00	467.090	100.00						
-6.93	466.818	100.00	-6.75	466.639	5.96	2414	+	0.00	8403429.30	293998.61	466.24	467.04	0.81	6.75	465.834	-5.96	8.04	467.121	100.00						
-6.83	466.396	100.00	-6.75	466.317	3.76	2415	+	0.00	8403431.76	293978.77	466.06	466.82	0.76	6.75	465.794	-4.00	7.65	466.691	100.00						
-6.76	466.003	100.00	-6.75	465.996	1.56	2416	+	0.00	8403434.77	293959.00	465.89	466.41	0.52	6.75	465.621	-4.00	7.66	466.531	100.00						
-7.08	465.549	-66.67	-6.75	465.768	0.00	2416	+	14.18	8403437.07	293945.01	465.77	466.03	0.27	6.75	465.498	-4.00	7.18	465.927	100.00						
-7.03	465.486	-66.67	-6.75	465.675	-0.64	2417	+	0.00	8403438.03	293939.26	465.72	465.88	0.16	6.75	465.448	-4.00	7.04	465.736	100.00						
-7.32	464.983	-66.67	-6.75	465.365	-2.84	2418	+	0.00	8403441.30	293919.53	465.56	465.38	-0.18	6.75	465.287	-4.00	6.78	465.313	100.00						
-8.02	464.358	-66.67	-6.75	465.205	-4.00	2419	+	0.00	8403444.57	293899.80	465.48	465.29	-0.18	6.75	465.205	-4.00	6.78	465.231	100.00						
-9.08	463.660	-66.67	-6.75	465.213	-4.00	2420	+	0.00	8403447.85	293880.07	465.48	465.68	0.20	6.75	465.213	-4.00	7.67	464.598	-66.67						
-8.91	463.871	-66.67	-6.75	465.312	-4.00	2421	+	0.00	8403451.12	293860.34	465.58	465.32	-0.26	6.75	465.312	-4.00	9.24	463.649	-66.67						
-9.08	463.947	-66.67	-6.75	465.501	-4.00	2422	+	0.00	8403454.39	293840.61	465.77	464.73	-1.04	6.75	465.501	-4.00	9.74	463.509	-66.67						
-9.27	464.093	-66.67	-6.75	465.770	-4.00	2423	+	0.00	8403457.66	293820.88	466.04	464.77	-1.27	6.75	465.770	-4.00	8.66	464.496	-66.67						
-8.98	464.565	-66.67	-6.75	466.050	-4.00	2424	+	0.00	8403460.94	293801.15	466.32	465.21	-1.11	6.75	466.123	-2.91	7.96	465.317	-66.67						
-8.68	465.043	-66.67	-6.75	466.330	-4.00	2425	+	0.00	8403464.21	293781.42	466.60	465.82	-0.78	6.75	466.557	-0.64	8.35	465.492	-66.67						
-8.57	465.193	-66.67	-6.75	466.408	-4.00	2425	+	5.60	8403465.13	293775.89	466.68	465.94	-0.74	6.75	466.678	0.00	8.32	465.633	-66.67						
-7.71	465.967	-66.67	-6.75	466.610	-4.00	2426	+	0.00	8403467.46	293761.69	466.88	466.20	-0.68	6.75	466.991	1.64	8.55	465.791	-66.67						
-8.01	466.051	-66.67	-6.75	466.890	-4.00	2427	+	0.00	8403470.47	293741.91	467.16	466.56	-0.60	6.75	467.424	3.91	8.30	466.388	-66.67						
-7.22	466.707	-66.67	-6.75	467.022	-6.19	2428	+	0.00	8403472.88	293722.06	467.44	466.99	-0.45	6.75	467.858	6.19	8.53	466.670	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.32	466.662	-66.67	-6.75	467.045	-6.60	2428	+	3.60	8403473.23	293718.48	467.49	467.05	-0.44	6.75	467.936	6.60	8.27	466.920	-66.67						
-6.76	467.268	-66.67	-6.75	467.275	-6.60	2429	+	0.00	8403474.40	293702.12	467.72	467.45	-0.27	6.75	468.166	6.60	8.02	467.316	-66.67						
-7.17	467.971	100.00	-6.75	467.555	-6.60	2430	+	0.00	8403474.92	293682.13	468.00	467.86	-0.14	6.75	468.446	6.60	7.51	467.936	-66.67						
-7.36	468.439	100.00	-6.75	467.835	-6.60	2431	+	0.00	8403474.44	293662.14	468.28	468.49	0.21	6.75	468.726	6.60	6.99	468.568	-66.67						
-7.30	468.511	100.00	-6.75	467.957	-6.60	2431	+	8.77	8403473.79	293653.39	468.40	468.69	0.29	6.75	468.848	6.60	6.88	468.764	-66.67						
-7.43	468.792	100.00	-6.75	468.115	-6.60	2432	+	0.00	8403472.95	293642.19	468.56	468.85	0.29	6.75	469.006	6.60	6.82	468.959	-66.67						
-7.58	469.222	100.00	-6.75	468.395	-6.60	2433	+	0.00	8403470.48	293622.35	468.84	469.24	0.40	6.75	469.286	6.60	6.84	469.372	100.00						
-7.76	469.684	100.00	-6.75	468.675	-6.60	2434	+	0.00	8403467.01	293602.65	469.12	469.74	0.62	6.75	469.566	6.60	6.98	469.792	100.00						
-7.82	469.940	100.00	-6.75	468.870	-6.60	2434	+	13.95	8403464.02	293589.04	469.32	470.04	0.73	6.75	469.761	6.60	7.04	470.047	100.00						
-7.81	470.065	100.00	-6.75	469.001	-5.91	2435	+	0.00	8403462.57	293583.16	469.40	470.18	0.78	6.75	469.799	5.91	7.02	470.065	100.00						
-7.81	470.465	100.00	-6.75	469.410	-4.00	2436	+	0.00	8403457.28	293563.87	469.68	470.52	0.84	6.75	469.925	3.64	7.25	470.427	100.00						
-7.71	470.645	100.00	-6.75	469.690	-4.00	2437	+	0.00	8403451.46	293544.74	469.96	470.79	0.83	6.75	470.052	1.36	7.39	470.696	100.00						
-7.58	470.691	100.00	-6.75	469.857	-4.00	2437	+	11.95	8403447.86	293533.34	470.13	470.92	0.80	6.75	470.127	0.00	7.32	470.694	100.00						
-7.51	470.725	100.00	-6.75	469.970	-4.00	2438	+	0.00	8403445.43	293525.67	470.24	471.04	0.80	6.75	470.178	-0.92	7.41	470.838	100.00						
-7.65	471.145	100.00	-6.75	470.250	-4.00	2439	+	0.00	8403439.40	293506.60	470.52	471.25	0.73	6.75	470.305	-3.19	7.46	471.011	100.00						
-7.45	471.234	100.00	-6.75	470.530	-4.00	2440	+	0.00	8403433.37	293487.53	470.80	471.33	0.53	6.75	470.530	-4.00	7.36	471.142	100.00						
-7.25	471.305	100.00	-6.75	470.810	-4.00	2441	+	0.00	8403427.33	293468.46	471.08	471.49	0.41	6.75	470.810	-4.00	7.28	471.343	100.00						
-7.13	471.472	100.00	-6.75	471.090	-4.00	2442	+	0.00	8403421.30	293449.39	471.36	471.63	0.27	6.75	471.090	-4.00	7.28	471.617	100.00						
-7.19	471.824	100.00	-6.75	471.385	-3.78	2443	+	0.00	8403415.26	293430.33	471.64	471.83	0.19	6.75	471.370	-4.00	7.16	471.776	100.00						
-7.04	472.136	100.00	-6.75	471.851	-1.03	2444	+	0.00	8403409.23	293411.26	471.92	472.04	0.12	6.75	471.650	-4.00	7.02	471.922	100.00						
-6.85	472.119	100.00	-6.75	472.025	0.00	2444	+	7.48	8403406.97	293404.13	472.03	472.14	0.11	6.75	471.755	-4.00	6.99	471.991	100.00						
-6.78	472.300	-66.67	-6.75	472.316	1.72	2445	+	0.00	8403403.21	293392.18	472.20	472.23	0.03	6.75	471.930	-4.00	6.92	472.099	100.00						
-7.35	472.382	-66.67	-6.75	472.782	4.47	2446	+	0.00	8403397.45	293373.03	472.48	472.41	-0.07	6.75	472.178	-4.47	6.89	472.315	100.00						
-7.59	472.580	-66.67	-6.75	473.142	6.60	2446	+	15.48	8403393.41	293358.09	472.70	472.60	-0.10	6.75	472.251	-6.60	6.97	472.467	100.00						
-7.66	472.597	-66.67	-6.75	473.206	6.60	2447	+	0.00	8403392.33	293353.70	472.76	472.65	-0.11	6.75	472.315	-6.60	7.02	472.588	100.00						
-7.27	473.139	-66.67	-6.75	473.486	6.60	2448	+	0.00	8403388.16	293334.14	473.04	472.99	-0.05	6.75	472.595	-6.60	6.99	472.833	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.49	473.270	-66.67	-6.75	473.766	6.60	2449	+	0.00	8403384.97	293314.40	473.32	473.12	-0.20	6.75	472.875	-6.60	6.95	473.079	100.00						
-7.91	473.272	-66.67	-6.75	474.046	6.60	2450	+	0.00	8403382.77	293294.52	473.60	473.26	-0.34	6.75	473.155	-6.60	6.76	473.169	100.00						
-8.19	473.350	-66.67	-6.75	474.307	6.60	2451	+	0.00	8403381.57	293274.56	473.86	473.40	-0.46	6.75	473.416	-6.60	7.21	473.106	-66.67						
-8.43	473.408	-66.67	-6.75	474.530	6.60	2452	+	0.00	8403381.37	293254.56	474.08	473.41	-0.68	6.75	473.639	-6.60	7.11	473.397	-66.67						
-8.68	473.428	-66.67	-6.75	474.715	6.60	2453	+	0.00	8403382.16	293234.58	474.27	473.46	-0.81	6.75	473.824	-6.60	7.67	473.208	-66.67						
-8.80	473.403	-66.67	-6.75	474.768	6.60	2453	+	6.68	8403382.76	293227.93	474.32	473.40	-0.92	6.75	473.877	-6.60	7.70	473.245	-66.67						
-9.38	473.109	-66.67	-6.75	474.862	6.60	2454	+	0.00	8403383.96	293214.67	474.42	473.33	-1.09	6.75	473.971	-6.60	8.22	472.991	-66.67						
-9.50	473.136	-66.67	-6.75	474.971	6.60	2455	+	0.00	8403386.74	293194.86	474.53	473.18	-1.35	6.75	474.080	-6.60	8.45	472.949	-66.67						
-10.00	472.875	-66.67	-6.75	475.042	6.60	2456	+	0.00	8403390.52	293175.22	474.60	472.99	-1.60	6.75	474.151	-6.60	8.76	472.810	-66.67						
-10.27	472.725	-66.67	-6.75	475.075	6.60	2457	+	0.00	8403395.27	293155.80	474.63	473.02	-1.61	6.75	474.184	-6.60	9.19	472.558	-66.67						
-10.31	472.698	-66.67	-6.75	475.069	6.60	2458	+	0.00	8403400.98	293136.63	474.62	472.69	-1.93	6.75	474.179	-6.60	9.38	472.422	-66.67						
-10.52	472.517	-66.67	-6.75	475.026	6.60	2459	+	0.00	8403407.65	293117.78	474.58	472.73	-1.85	6.75	474.136	-6.60	9.36	472.396	-66.67						
-10.46	472.481	-66.67	-6.75	474.956	6.60	2459	+	17.88	8403414.40	293101.23	474.51	472.71	-1.81	6.75	474.065	-6.60	9.10	472.499	-66.67						
-10.39	472.500	-66.67	-6.75	474.926	6.31	2460	+	0.00	8403415.25	293099.28	474.50	472.72	-1.78	6.75	474.074	-6.31	9.09	472.516	-66.67						
-10.24	472.312	-66.67	-6.75	474.640	3.56	2461	+	0.00	8403423.68	293081.15	474.40	472.68	-1.72	6.75	474.130	-4.00	9.24	472.468	-66.67						
-9.84	472.293	-66.67	-6.75	474.355	0.81	2462	+	0.00	8403432.59	293063.25	474.30	472.67	-1.63	6.75	474.030	-4.00	9.31	472.324	-66.67						
-9.64	472.346	-66.67	-6.75	474.271	0.00	2462	+	5.88	8403435.25	293058.00	474.27	472.66	-1.61	6.75	474.001	-4.00	9.35	472.266	-66.67						
-9.39	472.311	-66.67	-6.75	474.069	-1.94	2463	+	0.00	8403441.64	293045.41	474.20	472.63	-1.57	6.75	473.930	-4.00	9.11	472.360	-66.67						
-8.89	472.406	-66.67	-6.75	473.830	-4.00	2464	+	0.00	8403450.69	293027.57	474.10	472.66	-1.44	6.75	473.830	-4.00	8.66	472.554	-66.67						
-8.86	472.323	-66.67	-6.75	473.730	-4.00	2465	+	0.00	8403459.74	293009.74	474.00	472.60	-1.40	6.75	473.730	-4.00	8.44	472.606	-66.67						
-8.80	472.266	-66.67	-6.75	473.630	-4.00	2466	+	0.00	8403468.79	292991.90	473.90	472.53	-1.37	6.75	473.630	-4.00	8.48	472.474	-66.67						
-8.81	472.158	-66.67	-6.75	473.530	-4.00	2467	+	0.00	8403477.84	292974.07	473.80	472.38	-1.43	6.75	473.530	-4.00	8.38	472.440	-66.67						
-8.55	472.229	-66.67	-6.75	473.430	-4.00	2468	+	0.00	8403486.89	292956.23	473.70	472.40	-1.30	6.75	473.430	-4.00	8.26	472.426	-66.67						
-8.40	472.229	-66.67	-6.75	473.330	-4.00	2469	+	0.00	8403495.94	292938.39	473.60	472.28	-1.32	6.75	473.330	-4.00	8.19	472.372	-66.67						
-8.04	472.370	-66.67	-6.75	473.230	-4.00	2470	+	0.00	8403504.99	292920.56	473.50	472.25	-1.25	6.75	473.230	-4.00	7.84	472.506	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.37	472.717	-66.67	-6.75	473.130	-4.00	2471	+	0.00	8403514.04	292902.72	473.40	472.29	-1.11	6.75	473.130	-4.00	7.63	472.541	-66.67						
-7.67	472.414	-66.67	-6.75	473.030	-4.00	2472	+	0.00	8403523.08	292884.89	473.30	472.25	-1.05	6.75	473.030	-4.00	7.44	472.571	-66.67						
-7.27	472.596	-66.67	-6.75	472.940	-4.00	2473	+	0.00	8403532.13	292867.05	473.21	472.53	-0.68	6.75	472.940	-4.00	7.18	472.654	-66.67						
-7.16	472.645	-66.67	-6.75	472.920	-4.00	2474	+	0.00	8403541.18	292849.22	473.19	472.52	-0.67	6.75	472.920	-4.00	7.20	472.623	-66.67						
-7.17	472.699	-66.67	-6.75	472.980	-4.00	2475	+	0.00	8403550.23	292831.38	473.25	472.66	-0.59	6.75	472.980	-4.00	7.08	472.763	-66.67						
-7.34	472.724	-66.67	-6.75	473.120	-4.00	2476	+	0.00	8403559.28	292813.55	473.39	472.59	-0.81	6.75	473.120	-4.00	7.16	472.847	-66.67						
-7.48	472.857	-66.67	-6.75	473.340	-4.00	2477	+	0.00	8403568.33	292795.71	473.61	472.80	-0.81	6.75	473.340	-4.00	7.12	473.093	-66.67						
-7.67	473.014	-66.67	-6.75	473.630	-4.00	2478	+	0.00	8403577.38	292777.87	473.90	473.07	-0.83	6.75	473.630	-4.00	7.39	473.201	-66.67						
-7.07	473.716	-66.67	-6.75	473.930	-4.00	2479	+	0.00	8403586.43	292760.04	474.20	473.44	-0.76	6.75	474.097	-1.52	7.65	473.498	-66.67						
-6.80	474.145	100.00	-6.75	474.096	-4.00	2479	+	11.05	8403591.43	292750.18	474.37	473.92	-0.45	6.75	474.366	0.00	7.62	473.789	-66.67						
-6.99	474.468	100.00	-6.75	474.230	-4.00	2480	+	0.00	8403595.47	292742.20	474.50	474.31	-0.19	6.75	474.583	1.23	7.42	474.139	-66.67						
-7.40	475.175	100.00	-6.75	474.530	-4.00	2481	+	0.00	8403604.26	292724.23	474.80	474.95	0.15	6.75	475.069	3.99	7.10	474.837	-66.67						
-7.75	475.646	100.00	-6.75	474.644	-6.75	2482	+	0.00	8403612.25	292705.90	475.10	475.57	0.47	6.75	475.556	6.75	6.80	475.522	-66.67						
-7.93	475.875	100.00	-6.75	474.696	-8.00	2482	+	9.05	8403615.46	292697.44	475.24	475.74	0.50	6.75	475.776	8.00	6.78	475.805	100.00						
-8.12	476.226	100.00	-6.75	474.860	-8.00	2483	+	0.00	8403618.90	292687.05	475.40	476.07	0.67	6.75	475.940	8.00	7.06	476.252	100.00						
-8.25	476.657	100.00	-6.75	475.160	-8.00	2484	+	0.00	8403623.89	292667.69	475.70	476.45	0.75	6.75	476.240	8.00	7.00	476.485	100.00						
-8.03	476.737	100.00	-6.75	475.460	-8.00	2485	+	0.00	8403627.18	292647.97	476.00	476.79	0.79	6.75	476.540	8.00	6.84	476.628	100.00						
-7.67	476.676	100.00	-6.75	475.760	-8.00	2486	+	0.00	8403628.75	292628.03	476.30	476.76	0.46	6.75	476.840	8.00	6.90	476.742	-66.67						
-7.60	476.907	100.00	-6.75	476.060	-8.00	2487	+	0.00	8403628.58	292608.04	476.60	476.84	0.24	6.75	477.140	8.00	7.32	476.763	-66.67						
-6.91	476.521	100.00	-6.75	476.357	-8.00	2488	+	0.00	8403626.68	292588.14	476.90	476.53	-0.37	6.75	477.437	8.00	8.13	476.517	-66.67						
-6.78	476.661	100.00	-6.75	476.631	-8.00	2489	+	0.00	8403623.05	292568.48	477.17	476.63	-0.54	6.75	477.711	8.00	8.48	476.555	-66.67						
-7.00	476.710	-66.67	-6.75	476.878	-8.00	2490	+	0.00	8403617.73	292549.20	477.42	476.76	-0.66	6.75	477.958	8.00	8.58	476.738	-66.67						
-7.26	476.708	-66.67	-6.75	477.049	-8.00	2490	+	15.19	8403612.43	292534.97	477.59	476.71	-0.88	6.75	478.129	8.00	8.75	476.797	-66.67						
-7.29	476.742	-66.67	-6.75	477.099	-8.00	2491	+	0.00	8403610.75	292530.47	477.64	476.69	-0.95	6.75	478.179	8.00	8.81	476.807	-66.67						
-7.20	476.998	-66.67	-6.75	477.295	-8.00	2492	+	0.00	8403602.18	292512.40	477.84	476.68	-1.16	6.75	478.375	8.00	9.29	476.683	-66.67						
-7.87	476.721	-66.67	-6.75	477.467	-8.00	2493	+	0.00	8403592.07	292495.16	478.01	476.73	-1.27	6.75	478.547	8.00	9.41	476.773	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.95	477.506	-66.67	-6.75	477.636	-8.00	2494	+	0.00	8403580.49	292478.85	478.18	477.64	-0.54	6.75	478.716	8.00	8.56	477.509	-66.67						
-6.99	478.040	100.00	-6.75	477.804	-8.00	2495	+	0.00	8403567.55	292463.61	478.34	478.21	-0.13	6.75	478.884	8.00	7.60	478.317	-66.67						
-7.15	478.377	100.00	-6.75	477.973	-8.00	2496	+	0.00	8403553.33	292449.56	478.51	478.88	0.37	6.75	479.053	8.00	7.04	478.859	-66.67						
-7.41	478.804	100.00	-6.75	478.142	-8.00	2497	+	0.00	8403537.95	292436.79	478.68	478.84	0.16	6.75	479.222	8.00	7.17	478.943	-66.67						
-7.44	479.001	100.00	-6.75	478.311	-8.00	2498	+	0.00	8403521.51	292425.40	478.85	479.00	0.15	6.75	479.391	8.00	7.23	479.071	-66.67						
-7.13	478.857	100.00	-6.75	478.480	-8.00	2499	+	0.00	8403504.15	292415.49	479.02	478.86	-0.16	6.75	479.560	8.00	8.38	478.475	-66.67						
-7.08	478.825	100.00	-6.75	478.491	-8.00	2499	+	1.33	8403502.96	292414.88	479.03	478.85	-0.18	6.75	479.571	8.00	8.42	478.459	-66.67						
-7.08	478.983	100.00	-6.75	478.649	-8.00	2500	+	0.00	8403486.02	292407.05	479.19	478.33	-0.86	6.75	479.729	8.00	8.42	478.617	-66.67						
-7.26	478.745	-66.67	-6.75	479.088	-4.00	2501	+	0.00	8403467.43	292399.68	479.36	478.07	-1.28	6.75	479.538	2.67	8.96	478.066	-66.67						
-8.14	478.322	-66.67	-6.75	479.251	-4.00	2501	+	19.33	8403449.26	292393.09	479.52	477.96	-1.56	6.75	479.521	0.00	9.13	477.935	-66.67						
-8.17	478.309	-66.67	-6.75	479.257	-4.00	2502	+	0.00	8403448.63	292392.86	479.53	477.97	-1.56	6.75	479.520	-0.09	9.13	477.937	-66.67						
-8.37	478.345	-66.67	-6.75	479.426	-4.00	2503	+	0.00	8403429.80	292386.13	479.70	478.15	-1.55	6.75	479.503	-2.85	8.79	478.146	-66.67						
-8.45	478.463	-66.67	-6.75	479.594	-4.00	2504	+	0.00	8403410.96	292379.39	479.86	478.37	-1.49	6.75	479.594	-4.00	8.63	478.339	-66.67						
-8.30	478.733	-66.67	-6.75	479.763	-4.00	2505	+	0.00	8403392.13	292372.66	480.03	478.72	-1.31	6.75	479.763	-4.00	8.39	478.670	-66.67						
-8.10	479.032	-66.67	-6.75	479.932	-4.00	2506	+	0.00	8403373.30	292365.92	480.20	479.23	-0.97	6.75	479.932	-4.00	7.63	479.347	-66.67						
-7.81	479.395	-66.67	-6.75	480.101	-4.00	2507	+	0.00	8403354.47	292359.19	480.37	479.40	-0.97	6.75	480.101	-4.00	7.61	479.525	-66.67						
-7.96	479.461	-66.67	-6.75	480.265	-4.00	2508	+	0.00	8403335.64	292352.46	480.54	479.71	-0.83	6.75	480.265	-4.00	7.52	479.754	-66.67						
-7.97	479.584	-66.67	-6.75	480.396	-4.00	2509	+	0.00	8403316.80	292345.72	480.67	479.67	-0.99	6.75	480.396	-4.00	7.75	479.730	-66.67						
-8.00	479.655	-66.67	-6.75	480.489	-4.00	2510	+	0.00	8403297.97	292338.99	480.76	479.67	-1.09	6.75	480.489	-4.00	7.71	479.846	-66.67						
-7.85	479.813	-66.67	-6.75	480.543	-4.00	2511	+	0.00	8403279.14	292332.25	480.81	479.98	-0.83	6.75	480.543	-4.00	7.50	480.041	-66.67						
-7.57	480.011	-66.67	-6.75	480.560	-4.00	2512	+	0.00	8403260.31	292325.52	480.83	480.28	-0.55	6.75	480.560	-4.00	7.26	480.223	-66.67						
-6.98	480.771	100.00	-6.75	480.538	-4.00	2513	+	0.00	8403241.48	292318.78	480.81	480.94	0.13	6.75	480.538	-4.00	7.08	480.867	100.00						
-6.90	480.627	100.00	-6.75	480.478	-4.00	2514	+	0.00	8403222.65	292312.05	480.75	480.72	-0.03	6.75	480.478	-4.00	7.16	480.883	100.00						
-6.94	480.569	100.00	-6.75	480.380	-4.00	2515	+	0.00	8403203.81	292305.31	480.65	480.76	0.11	6.75	480.380	-4.00	7.34	480.974	100.00						
-6.95	480.113	-66.67	-6.75	480.244	-4.00	2516	+	0.00	8403184.98	292298.58	480.51	480.14	-0.37	6.75	480.244	-4.00	6.78	480.271	100.00						
-6.76	480.084	100.00	-6.75	480.070	-4.00	2517	+	0.00	8403166.15	292291.84	480.34	480.54	0.20	6.75	480.070	-4.00	7.23	480.550	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.77	478.515	-66.67	-6.75	479.862	-4.00	2518	+	0.00	8403147.32	292285.11	480.13	479.55	-0.58	6.75	479.862	-4.00	6.83	479.813	-66.67						
-8.78	478.299	-66.67	-6.75	479.650	-4.00	2519	+	0.00	8403128.49	292278.37	479.92	478.59	-1.34	6.75	479.650	-4.00	8.02	478.805	-66.67						
-8.69	478.146	-66.67	-6.75	479.438	-4.00	2520	+	0.00	8403109.65	292271.64	479.71	478.19	-1.52	6.75	479.438	-4.00	7.64	478.843	-66.67						
-8.37	478.143	-66.67	-6.75	479.226	-4.00	2521	+	0.00	8403090.82	292264.90	479.50	477.74	-1.76	6.75	479.226	-4.00	7.55	478.695	-66.67						
-8.28	478.106	-66.67	-6.75	479.125	-2.35	2522	+	0.00	8403071.99	292258.17	479.28	477.93	-1.35	6.75	479.013	-4.00	7.63	478.426	-66.67						
-8.40	477.936	-66.67	-6.75	479.038	-0.49	2523	+	0.00	8403053.16	292251.43	479.07	478.18	-0.89	6.75	478.801	-4.00	7.89	478.045	-66.67						
-8.42	477.903	-66.67	-6.75	479.015	0.00	2523	+	5.26	8403048.20	292249.66	479.02	478.23	-0.78	6.75	478.745	-4.00	8.02	477.901	-66.67						
-8.31	477.914	-66.67	-6.75	478.951	1.37	2524	+	0.00	8403034.33	292244.68	478.86	478.23	-0.63	6.75	478.589	-4.00	7.70	477.953	-66.67						
-7.87	478.118	-66.67	-6.75	478.865	3.23	2525	+	0.00	8403015.57	292237.76	478.65	478.13	-0.52	6.75	478.377	-4.00	6.84	478.468	100.00						
-7.59	478.222	-66.67	-6.75	478.778	5.10	2526	+	0.00	8402996.96	292230.42	478.43	478.26	-0.17	6.75	478.090	-5.10	7.14	478.482	100.00						
-7.58	478.213	-66.67	-6.75	478.764	5.40	2526	+	3.26	8402993.95	292229.17	478.40	478.26	-0.14	6.75	478.035	-5.40	7.22	478.506	100.00						
-7.30	478.223	-66.67	-6.75	478.587	5.40	2527	+	0.00	8402978.61	292222.48	478.22	478.38	0.16	6.75	477.858	-5.40	7.25	478.358	100.00						
-6.97	478.229	-66.67	-6.75	478.374	5.40	2528	+	0.00	8402960.56	292213.88	478.01	478.43	0.42	6.75	477.645	-5.40	7.71	478.600	100.00						
-7.18	477.877	-66.67	-6.75	478.167	5.40	2529	+	0.00	8402942.83	292204.62	477.80	478.04	0.24	6.75	477.438	-5.40	7.48	478.168	100.00						
-7.82	477.299	-66.67	-6.75	478.010	5.40	2530	+	0.00	8402925.45	292194.73	477.65	477.40	-0.25	6.75	477.281	-5.40	6.97	477.500	100.00						
-8.52	476.734	-66.67	-6.75	477.915	5.40	2531	+	0.00	8402908.44	292184.21	477.55	477.28	-0.27	6.75	477.186	-5.40	7.12	477.558	100.00						
-7.67	477.271	-66.67	-6.75	477.884	5.40	2532	+	0.00	8402891.82	292173.08	477.52	477.36	-0.16	6.75	477.155	-5.40	7.01	477.417	100.00						
-7.75	477.249	-66.67	-6.75	477.915	5.40	2533	+	0.00	8402875.62	292161.35	477.55	477.29	-0.26	6.75	477.186	-5.40	6.96	477.394	100.00						
-7.87	477.255	-66.67	-6.75	478.004	5.40	2534	+	0.00	8402859.86	292149.04	477.64	477.35	-0.29	6.75	477.275	-5.40	6.93	477.454	100.00						
-7.92	477.326	-66.67	-6.75	478.105	5.40	2535	+	0.00	8402844.56	292136.17	477.74	477.34	-0.40	6.75	477.376	-5.40	6.78	477.407	100.00						
-8.11	477.297	-66.67	-6.75	478.205	5.40	2536	+	0.00	8402829.73	292122.74	477.84	477.37	-0.47	6.75	477.476	-5.40	7.06	477.272	-66.67						
-8.31	477.268	-66.67	-6.75	478.306	5.40	2537	+	0.00	8402815.40	292108.79	477.94	477.32	-0.63	6.75	477.577	-5.40	7.08	477.355	-66.67						
-8.19	477.449	-66.67	-6.75	478.407	5.40	2538	+	0.00	8402801.59	292094.33	478.04	477.34	-0.70	6.75	477.678	-5.40	7.11	477.437	-66.67						
-8.39	477.416	-66.67	-6.75	478.508	5.40	2539	+	0.00	8402788.31	292079.37	478.14	477.49	-0.66	6.75	477.779	-5.40	7.20	477.479	-66.67						
-8.62	477.361	-66.67	-6.75	478.609	5.40	2540	+	0.00	8402775.59	292063.94	478.24	477.31	-0.94	6.75	477.880	-5.40	7.47	477.403	-66.67						
-8.95	477.240	-66.67	-6.75	478.709	5.40	2541	+	0.00	8402763.43	292048.06	478.35	477.44	-0.91	6.75	477.980	-5.40	7.79	477.290	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-9.00	477.311	-66.67	-6.75	478.810	5.40	2542	+	0.00	8402751.86	292031.75	478.45	477.34	-1.10	6.75	478.081	-5.40	7.79	477.389	-66.67						
-9.12	477.256	-66.67	-6.75	478.838	5.40	2542	+	5.51	8402748.84	292027.14	478.47	477.31	-1.17	6.75	478.109	-5.40	7.78	477.426	-66.67						
-9.25	477.244	-66.67	-6.75	478.908	5.40	2543	+	0.00	8402740.90	292015.03	478.54	477.39	-1.15	6.75	478.179	-5.40	7.63	477.592	-66.67						
-9.14	477.387	-66.67	-6.75	478.983	5.40	2544	+	0.00	8402730.54	291997.92	478.62	477.54	-1.08	6.75	478.254	-5.40	7.53	477.734	-66.67						
-9.18	477.416	-66.67	-6.75	479.033	5.40	2545	+	0.00	8402720.82	291980.44	478.67	477.49	-1.18	6.75	478.304	-5.40	7.88	477.551	-66.67						
-9.24	477.401	-66.67	-6.75	479.058	5.40	2546	+	0.00	8402711.73	291962.63	478.69	477.50	-1.19	6.75	478.329	-5.40	9.01	476.821	-66.67						
-9.26	477.385	-66.67	-6.75	479.057	5.40	2547	+	0.00	8402703.31	291944.49	478.69	477.09	-1.60	6.75	478.328	-5.40	8.73	477.010	-66.67						
-9.14	477.435	-66.67	-6.75	479.031	5.40	2548	+	0.00	8402695.54	291926.06	478.67	477.08	-1.59	6.75	478.302	-5.40	8.95	476.838	-66.67						
-9.16	477.376	-66.67	-6.75	478.979	5.40	2549	+	0.00	8402688.45	291907.36	478.61	477.21	-1.41	6.75	478.250	-5.40	8.87	476.835	-66.67						
-9.23	477.246	-66.67	-6.75	478.902	5.40	2550	+	0.00	8402682.05	291888.41	478.54	477.18	-1.36	6.75	478.173	-5.40	8.56	476.963	-66.67						
-8.51	477.624	-66.67	-6.75	478.799	5.40	2551	+	0.00	8402676.34	291869.25	478.44	477.53	-0.91	6.75	478.070	-5.40	8.22	477.093	-66.67						
-8.25	477.673	-66.67	-6.75	478.671	5.40	2552	+	0.00	8402671.32	291849.89	478.31	477.37	-0.94	6.75	477.942	-5.40	8.07	477.064	-66.67						
-8.24	477.531	-66.67	-6.75	478.521	5.40	2553	+	0.00	8402667.02	291830.36	478.16	477.36	-0.80	6.75	477.792	-5.40	7.88	477.037	-66.67						
-7.66	477.765	-66.67	-6.75	478.368	5.40	2554	+	0.00	8402663.43	291810.68	478.00	477.26	-0.75	6.75	477.639	-5.40	7.62	477.061	-66.67						
-7.05	478.017	-66.67	-6.75	478.215	5.40	2555	+	0.00	8402660.56	291790.89	477.85	477.50	-0.35	6.75	477.485	-5.40	7.03	477.302	-66.67						
-6.88	478.189	100.00	-6.75	478.061	5.40	2556	+	0.00	8402658.40	291771.01	477.70	477.78	0.08	6.75	477.332	-5.40	7.14	477.724	100.00						
-6.79	477.945	100.00	-6.75	477.908	5.40	2557	+	0.00	8402656.98	291751.06	477.54	477.84	0.30	6.75	477.179	-5.40	7.15	477.577	100.00						
-6.85	477.688	-66.67	-6.75	477.754	5.40	2558	+	0.00	8402656.27	291731.07	477.39	477.75	0.36	6.75	477.025	-5.40	7.02	477.293	100.00						
-6.83	477.645	-66.67	-6.75	477.695	5.40	2558	+	7.76	8402656.20	291723.32	477.33	477.71	0.38	6.75	476.966	-5.40	7.13	477.349	100.00						
-6.91	477.421	-66.67	-6.75	477.524	4.26	2559	+	0.00	8402656.29	291711.07	477.24	477.56	0.32	6.75	476.949	-4.26	6.96	477.154	100.00						
-7.10	477.014	-66.67	-6.75	477.245	2.40	2560	+	0.00	8402656.88	291691.08	477.08	477.24	0.15	6.75	476.813	-4.00	6.92	476.980	100.00						
-7.10	476.800	-66.67	-6.75	477.031	2.40	2561	+	0.00	8402657.79	291671.10	476.87	476.82	-0.05	6.75	476.599	-4.00	6.93	476.682	100.00						
-7.08	476.565	-66.67	-6.75	476.785	0.00	2561	+	5.76	8402658.07	291665.35	476.79	476.67	-0.12	6.75	476.515	-4.00	6.95	476.384	-66.67						
-7.12	476.198	-66.67	-6.75	476.445	-1.33	2562	+	0.00	8402658.79	291651.13	476.53	476.28	-0.26	6.75	476.264	-4.00	7.24	475.938	-66.67						
-7.31	475.492	-66.67	-6.75	475.862	-3.19	2563	+	0.00	8402659.78	291631.15	476.08	475.58	-0.49	6.75	475.807	-4.00	7.49	475.314	-66.67						
-7.08	475.013	-66.67	-6.75	475.229	-4.00	2564	+	0.00	8402660.78	291611.18	475.50	474.96	-0.54	6.75	475.229	-4.00	7.44	474.770	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.00	474.363	-66.67	-6.75	474.530	-4.00	2565	+	0.00	8402661.78	291591.20	474.80	474.38	-0.42	6.75	474.530	-4.00	7.44	474.070	-66.67						
-6.88	473.896	100.00	-6.75	473.770	-4.00	2566	+	0.00	8402662.78	291571.23	474.04	473.88	-0.16	6.75	473.852	-2.78	6.79	473.829	-66.67						
-6.92	473.180	100.00	-6.75	473.010	-4.00	2567	+	0.00	8402663.78	291551.25	473.28	473.28	0.00	6.75	473.279	-0.02	6.78	473.306	100.00						
-6.92	473.176	100.00	-6.75	473.004	-4.00	2567	+	0.15	8402663.78	291551.10	473.27	473.28	0.00	6.75	473.274	0.00	6.78	473.303	100.00						
-7.23	472.744	100.00	-6.75	472.266	-4.00	2568	+	0.00	8402664.68	291531.27	472.54	472.68	0.14	6.75	472.721	2.74	6.88	472.633	-66.67						
-7.28	472.063	100.00	-6.75	471.538	-5.50	2569	+	0.00	8402664.98	291511.28	471.91	472.12	0.21	6.75	472.279	5.50	7.31	471.910	-66.67						
-7.68	471.842	100.00	-6.75	470.913	-8.00	2569	+	18.15	8402664.24	291493.14	471.45	471.70	0.24	6.75	471.993	8.00	7.50	471.491	-66.67						
-7.65	471.774	100.00	-6.75	470.872	-8.00	2570	+	0.00	8402664.09	291491.30	471.41	471.64	0.23	6.75	471.952	8.00	7.50	471.455	-66.67						
-7.38	471.141	100.00	-6.75	470.508	-8.00	2571	+	0.00	8402661.55	291471.47	471.05	471.28	0.24	6.75	471.588	8.00	7.33	471.205	-66.67						
-7.12	470.669	100.00	-6.75	470.295	-8.00	2571	+	17.91	8402657.74	291453.98	470.84	471.09	0.25	6.75	471.375	8.00	7.36	470.967	-66.67						
-7.21	470.739	100.00	-6.75	470.276	-8.00	2572	+	0.00	8402657.29	291451.94	470.82	471.07	0.25	6.75	471.356	8.00	7.36	470.948	-66.67						
-6.79	470.200	100.00	-6.75	470.160	-8.00	2573	+	0.00	8402651.35	291432.85	470.70	470.78	0.08	6.75	471.240	8.00	7.83	470.524	-66.67						
-6.97	470.295	100.00	-6.75	470.072	-8.00	2573	+	17.67	8402644.74	291416.47	470.61	470.76	0.15	6.75	471.152	8.00	7.58	470.598	-66.67						
-7.05	470.380	100.00	-6.75	470.078	-7.73	2574	+	0.00	8402643.78	291414.34	470.60	470.76	0.16	6.75	471.122	7.73	7.53	470.604	-66.67						
-7.05	470.280	100.00	-6.75	469.978	-7.73	2575	+	0.00	8402634.75	291396.50	470.50	470.87	0.37	6.75	471.022	7.73	7.53	470.504	-66.67						
-7.06	470.501	100.00	-6.75	470.193	-3.07	2576	+	0.00	8402624.78	291379.17	470.40	470.86	0.46	6.75	470.607	3.07	6.78	470.640	100.00						
-7.19	470.681	100.00	-6.75	470.238	-1.24	2576	+	15.67	8402616.66	291365.77	470.32	470.88	0.55	6.75	470.405	1.24	7.04	470.694	100.00						
-7.24	470.742	100.00	-6.75	470.250	-0.74	2577	+	0.00	8402614.40	291362.07	470.30	470.89	0.59	6.75	470.350	0.74	6.96	470.557	100.00						
-7.09	470.632	100.00	-6.75	470.289	0.86	2577	+	13.65	8402607.29	291350.42	470.23	470.87	0.64	6.75	470.174	-0.86	7.20	470.627	100.00						
-7.06	470.616	100.00	-6.75	470.308	1.60	2578	+	0.00	8402603.98	291345.00	470.20	470.88	0.68	6.75	470.092	-1.60	7.31	470.654	100.00						
-7.14	470.751	100.00	-6.75	470.365	3.93	2579	+	0.00	8402593.69	291327.85	470.10	470.87	0.77	6.75	469.835	-3.93	7.44	470.522	100.00						
-6.90	470.572	100.00	-6.75	470.418	6.10	2579	+	18.65	8402584.49	291311.63	470.01	470.73	0.73	6.75	469.595	-6.10	7.46	470.304	100.00						
-6.99	470.651	100.00	-6.75	470.412	6.10	2580	+	0.00	8402583.85	291310.44	470.00	470.72	0.72	6.75	469.588	-6.10	7.46	470.302	100.00						
-7.08	470.646	100.00	-6.75	470.312	6.10	2581	+	0.00	8402574.74	291292.63	469.90	470.57	0.67	6.75	469.488	-6.10	7.48	470.221	100.00						
-7.03	470.494	100.00	-6.75	470.212	6.10	2582	+	0.00	8402566.44	291274.44	469.80	470.37	0.57	6.75	469.388	-6.10	7.29	469.926	100.00						
-7.05	470.416	100.00	-6.75	470.112	6.10	2583	+	0.00	8402558.95	291255.90	469.70	470.06	0.36	6.75	469.288	-6.10	6.96	469.495	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.78	470.039	100.00	-6.75	470.012	6.10	2584	+	0.00	8402552.29	291237.04	469.60	469.55	-0.05	6.75	469.188	-6.10	6.93	469.365	100.00						
-7.50	469.415	-66.67	-6.75	469.914	6.10	2584	+	19.55	8402546.61	291218.34	469.50	469.22	-0.28	6.75	469.091	-6.10	6.84	468.977	100.00						
-7.52	469.400	-66.67	-6.75	469.912	6.10	2585	+	0.00	8402546.48	291217.91	469.50	469.22	-0.29	6.75	469.088	-6.10	7.27	468.739	-66.67						
-7.94	469.021	-66.67	-6.75	469.812	6.10	2586	+	0.00	8402541.52	291198.53	469.40	469.04	-0.36	6.75	468.988	-6.10	7.26	468.650	-66.67						
-8.11	468.809	-66.67	-6.75	469.712	6.10	2587	+	0.00	8402537.43	291178.96	469.30	469.06	-0.24	6.75	468.888	-6.10	6.84	468.977	100.00						
-7.79	468.922	-66.67	-6.75	469.612	6.10	2588	+	0.00	8402534.21	291159.22	469.20	469.14	-0.06	6.75	468.788	-6.10	6.79	468.823	100.00						
-8.00	468.681	-66.67	-6.75	469.512	6.10	2589	+	0.00	8402531.87	291139.36	469.10	468.89	-0.22	6.75	468.688	-6.10	6.79	468.724	100.00						
-7.92	468.632	-66.67	-6.75	469.412	6.10	2590	+	0.00	8402530.42	291119.41	469.00	468.68	-0.32	6.75	468.588	-6.10	6.78	468.570	-66.67						
-7.91	468.635	-66.67	-6.75	469.410	6.10	2590	+	0.44	8402530.39	291118.97	469.00	468.67	-0.33	6.75	468.586	-6.10	6.78	468.568	-66.67						
-7.43	468.681	-66.67	-6.75	469.133	3.45	2591	+	0.00	8402529.79	291099.42	468.90	468.68	-0.22	6.75	468.630	-4.00	6.82	468.582	-66.67						
-7.20	468.550	-66.67	-6.75	468.850	0.74	2592	+	0.00	8402529.66	291079.42	468.80	468.74	-0.06	6.75	468.530	-4.00	6.80	468.542	-66.67						
-7.13	468.519	-66.67	-6.75	468.773	0.00	2592	+	5.44	8402529.67	291073.98	468.77	468.72	-0.06	6.75	468.503	-4.00	6.77	468.518	100.00						
-7.01	468.392	-66.67	-6.75	468.567	-1.97	2593	+	0.00	8402529.67	291059.42	468.70	468.62	-0.08	6.75	468.430	-4.00	6.80	468.396	-66.67						
-7.03	468.147	-66.67	-6.75	468.330	-4.00	2594	+	0.00	8402529.68	291039.42	468.60	468.38	-0.22	6.75	468.330	-4.00	7.03	468.146	-66.67						
-6.84	468.323	100.00	-6.75	468.230	-4.00	2595	+	0.00	8402529.69	291019.42	468.50	468.16	-0.34	6.75	468.230	-4.00	7.28	467.877	-66.67						
-6.80	468.210	100.00	-6.75	468.130	-4.00	2596	+	0.00	8402529.70	290999.42	468.40	468.02	-0.38	6.75	468.130	-4.00	7.57	467.586	-66.67						
-6.77	468.054	100.00	-6.75	468.030	-4.00	2597	+	0.00	8402529.71	290979.42	468.30	467.93	-0.38	6.75	468.030	-4.00	7.59	467.472	-66.67						
-6.78	468.001	100.00	-6.75	467.937	-4.00	2598	+	0.00	8402529.72	290959.42	468.21	467.87	-0.33	6.75	467.937	-4.00	7.36	467.532	-66.67						
-6.79	467.932	100.00	-6.75	467.890	-4.00	2599	+	0.00	8402529.73	290939.42	468.16	467.89	-0.27	6.75	467.890	-4.00	7.42	467.443	-66.67						
-6.90	467.794	-66.67	-6.75	467.897	-4.00	2600	+	0.00	8402529.74	290919.42	468.17	467.69	-0.48	6.75	467.897	-4.00	7.26	467.556	-66.67						
-6.89	467.866	-66.67	-6.75	467.957	-4.00	2601	+	0.00	8402529.75	290899.42	468.23	467.66	-0.57	6.75	467.957	-4.00	7.53	467.438	-66.67						
-7.05	467.869	-66.67	-6.75	468.071	-4.00	2602	+	0.00	8402529.76	290879.42	468.34	467.65	-0.70	6.75	468.071	-4.00	7.72	467.425	-66.67						
-7.30	467.867	-66.67	-6.75	468.231	-4.00	2603	+	0.00	8402529.77	290859.42	468.50	467.58	-0.92	6.75	468.231	-4.00	7.85	467.501	-66.67						
-7.49	467.906	-66.67	-6.75	468.398	-4.00	2604	+	0.00	8402529.78	290839.42	468.67	467.64	-1.03	6.75	468.398	-4.00	8.26	467.393	-66.67						
-7.60	467.996	-66.67	-6.75	468.565	-4.00	2605	+	0.00	8402529.79	290819.42	468.84	467.58	-1.26	6.75	468.565	-4.00	8.40	467.464	-66.67						
-7.66	468.126	-66.67	-6.75	468.732	-4.00	2606	+	0.00	8402529.79	290799.42	469.00	467.82	-1.19	6.75	468.732	-4.00	8.07	467.855	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.72	468.233	-66.67	-6.75	468.879	-4.00	2606	+	17.54	8402529.80	290781.88	469.15	468.21	-0.94	6.75	468.879	-4.00	7.74	468.217	-66.67						
-7.68	468.277	-66.67	-6.75	468.899	-4.00	2607	+	0.00	8402529.81	290779.42	469.17	468.32	-0.85	6.75	468.899	-4.00	7.69	468.273	-66.67						
-7.51	468.562	-66.67	-6.75	469.066	-4.00	2608	+	0.00	8402529.89	290759.42	469.34	468.72	-0.62	6.75	469.066	-4.00	7.85	468.335	-66.67						
-7.63	468.647	-66.67	-6.75	469.233	-4.00	2609	+	0.00	8402530.10	290739.42	469.50	468.66	-0.84	6.75	469.233	-4.00	8.05	468.365	-66.67						
-7.79	468.737	-66.67	-6.75	469.428	-4.00	2610	+	0.00	8402530.43	290719.43	469.70	468.91	-0.79	6.75	469.428	-4.00	8.10	468.527	-66.67						
-7.80	468.978	-66.67	-6.75	469.680	-4.00	2611	+	0.00	8402530.89	290699.43	469.95	469.19	-0.76	6.75	469.680	-4.00	8.09	468.788	-66.67						
-7.94	469.191	-66.67	-6.75	469.987	-4.00	2612	+	0.00	8402531.47	290679.44	470.26	469.34	-0.92	6.75	469.987	-4.00	8.29	468.963	-66.67						
-7.97	469.540	-66.67	-6.75	470.352	-4.00	2613	+	0.00	8402532.17	290659.45	470.62	469.60	-1.02	6.75	470.352	-4.00	8.10	469.453	-66.67						
-7.77	470.093	-66.67	-6.75	470.772	-4.00	2614	+	0.00	8402532.99	290639.47	471.04	470.20	-0.84	6.75	470.772	-4.00	7.67	470.156	-66.67						
-7.50	470.511	-66.67	-6.75	471.013	-4.00	2614	+	10.74	8402533.50	290628.75	471.28	470.60	-0.69	6.75	471.013	-4.00	7.60	470.448	-66.67						
-7.64	470.627	-66.67	-6.75	471.221	-4.00	2615	+	0.00	8402533.94	290619.49	471.49	470.81	-0.68	6.75	471.221	-4.00	7.54	470.697	-66.67						
-7.35	471.270	-66.67	-6.75	471.669	-4.00	2616	+	0.00	8402535.01	290599.52	471.94	471.33	-0.61	6.75	471.669	-4.00	7.68	471.050	-66.67						
-7.31	471.727	-66.67	-6.75	472.097	-4.00	2617	+	0.00	8402536.20	290579.56	472.37	471.77	-0.59	6.75	472.097	-4.00	7.09	471.870	-66.67						
-7.35	472.054	-66.67	-6.75	472.453	-4.00	2618	+	0.00	8402537.52	290559.60	472.72	472.24	-0.48	6.75	472.453	-4.00	7.05	472.255	-66.67						
-6.78	472.763	100.00	-6.75	472.734	-4.00	2619	+	0.00	8402538.96	290539.65	473.00	472.80	-0.21	6.75	472.734	-4.00	6.91	472.898	100.00						
-7.06	473.247	100.00	-6.75	472.942	-4.00	2620	+	0.00	8402540.52	290519.71	473.21	473.08	-0.14	6.75	472.942	-4.00	7.17	473.357	100.00						
-7.33	473.650	100.00	-6.75	473.075	-4.00	2621	+	0.00	8402542.20	290499.78	473.35	473.61	0.26	6.75	473.075	-4.00	7.45	473.773	100.00						
-7.21	473.591	100.00	-6.75	473.134	-4.00	2622	+	0.00	8402544.01	290479.87	473.40	473.66	0.26	6.75	473.134	-4.00	7.33	473.713	100.00						
-7.10	473.483	100.00	-6.75	473.137	-4.00	2622	+	3.93	8402544.38	290475.95	473.41	473.61	0.21	6.75	473.137	-4.00	7.35	473.736	100.00						
-7.09	472.893	-66.67	-6.75	473.119	-4.00	2623	+	0.00	8402545.90	290459.96	473.39	473.18	-0.21	6.75	473.119	-4.00	7.23	473.603	100.00						
-7.65	472.431	-66.67	-6.75	473.032	-4.00	2624	+	0.00	8402547.79	290440.05	473.30	472.75	-0.55	6.75	473.032	-4.00	6.84	472.975	-66.67						
-8.08	472.035	-66.67	-6.75	472.924	-4.00	2625	+	0.00	8402549.68	290420.14	473.19	472.32	-0.88	6.75	472.924	-4.00	7.39	472.498	-66.67						
-8.30	471.786	-66.67	-6.75	472.817	-4.00	2626	+	0.00	8402551.58	290400.23	473.09	471.81	-1.28	6.75	472.817	-4.00	7.93	472.028	-66.67						
-8.45	471.575	-66.67	-6.75	472.709	-4.00	2627	+	0.00	8402553.47	290380.31	472.98	471.67	-1.31	6.75	472.709	-4.00	8.10	471.809	-66.67						
-8.75	471.265	-66.67	-6.75	472.601	-4.00	2628	+	0.00	8402555.36	290360.40	472.87	471.40	-1.47	6.75	472.601	-4.00	7.86	471.863	-66.67						
-9.23	470.838	-66.67	-6.75	472.493	-4.00	2629	+	0.00	8402557.25	290340.49	472.76	471.03	-1.74	6.75	472.493	-4.00	8.39	471.399	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-9.27	470.708	-66.67	-6.75	472.386	-4.00	2630	+	0.00	8402559.14	290320.58	472.66	470.91	-1.75	6.75	472.386	-4.00	8.78	471.033	-66.67						
-9.19	470.653	-66.67	-6.75	472.278	-4.00	2631	+	0.00	8402561.04	290300.67	472.55	470.48	-2.07	6.75	472.278	-4.00	8.98	470.794	-66.67						
-8.91	470.727	-66.67	-6.75	472.170	-4.00	2632	+	0.00	8402562.93	290280.76	472.44	470.38	-2.06	6.75	472.170	-4.00	9.29	470.479	-66.67						
-8.70	470.759	-66.67	-6.75	472.062	-4.00	2633	+	0.00	8402564.82	290260.85	472.33	470.67	-1.66	6.75	472.062	-4.00	9.00	470.560	-66.67						
-8.52	470.776	-66.67	-6.75	471.954	-4.00	2634	+	0.00	8402566.71	290240.94	472.22	470.57	-1.65	6.75	471.954	-4.00	8.72	470.638	-66.67						
-8.28	470.830	-66.67	-6.75	471.847	-4.00	2635	+	0.00	8402568.60	290221.03	472.12	470.98	-1.14	6.75	471.847	-4.00	8.42	470.731	-66.67						
-8.15	470.803	-66.67	-6.75	471.739	-4.00	2636	+	0.00	8402570.50	290201.12	472.01	470.56	-1.45	6.75	471.739	-4.00	8.39	470.644	-66.67						
-8.03	470.779	-66.67	-6.75	471.631	-4.00	2637	+	0.00	8402572.39	290181.21	471.90	470.67	-1.23	6.75	471.631	-4.00	8.39	470.541	-66.67						
-7.99	470.695	-66.67	-6.75	471.523	-4.00	2638	+	0.00	8402574.28	290161.30	471.79	470.51	-1.28	6.75	471.523	-4.00	8.07	470.645	-66.67						
-7.86	470.673	-66.67	-6.75	471.416	-4.00	2639	+	0.00	8402576.17	290141.39	471.69	470.74	-0.95	6.75	471.416	-4.00	7.63	470.826	-66.67						
-7.54	470.779	-66.67	-6.75	471.308	-4.00	2640	+	0.00	8402578.06	290121.48	471.58	470.88	-0.70	6.75	471.308	-4.00	7.24	470.982	-66.67						
-7.16	470.925	-66.67	-6.75	471.200	-4.00	2641	+	0.00	8402579.96	290101.57	471.47	470.97	-0.50	6.75	471.200	-4.00	7.08	470.980	-66.67						
-6.86	471.019	-66.67	-6.75	471.092	-4.00	2642	+	0.00	8402581.85	290081.66	471.36	471.24	-0.12	6.75	471.092	-4.00	6.97	471.313	100.00						
-7.07	471.301	100.00	-6.75	470.984	-4.00	2643	+	0.00	8402583.74	290061.75	471.25	471.39	0.13	6.75	470.984	-4.00	7.16	471.398	100.00						
-7.25	471.379	100.00	-6.75	470.877	-4.00	2644	+	0.00	8402585.63	290041.84	471.15	471.42	0.28	6.75	470.877	-4.00	7.35	471.474	100.00						
-7.51	471.530	100.00	-6.75	470.769	-4.00	2645	+	0.00	8402587.52	290021.93	471.04	471.58	0.54	6.75	470.769	-4.00	7.41	471.432	100.00						
-7.54	471.449	100.00	-6.75	470.661	-4.00	2646	+	0.00	8402589.42	290002.02	470.93	471.57	0.64	6.75	470.661	-4.00	7.51	471.424	100.00						
-7.54	471.342	100.00	-6.75	470.553	-4.00	2647	+	0.00	8402591.31	289982.11	470.82	471.56	0.73	6.75	470.553	-4.00	7.52	471.323	100.00						
-7.68	471.364	100.00	-6.75	470.434	-4.00	2648	+	0.00	8402593.20	289962.20	470.70	471.44	0.73	6.75	470.447	-3.81	7.59	471.289	100.00						
-7.56	471.037	100.00	-6.75	470.230	-4.00	2649	+	0.00	8402595.09	289942.29	470.50	470.96	0.46	6.75	470.405	-1.41	7.19	470.845	100.00						
-7.59	470.910	100.00	-6.75	470.066	-4.00	2649	+	11.71	8402596.20	289930.63	470.34	470.78	0.45	6.75	470.336	0.00	7.17	470.750	100.00						
-7.52	470.704	100.00	-6.75	469.930	-4.00	2650	+	0.00	8402596.98	289922.38	470.20	470.56	0.36	6.75	470.267	0.99	7.38	470.900	100.00						
-7.53	470.308	100.00	-6.75	469.534	-4.00	2651	+	0.00	8402598.71	289902.45	469.80	470.15	0.35	6.75	470.033	3.39	7.08	470.363	100.00						
-7.40	469.566	100.00	-6.75	468.920	-5.79	2652	+	0.00	8402599.92	289882.49	469.31	469.77	0.46	6.75	469.703	5.79	6.83	469.778	100.00						
-7.32	469.254	100.00	-6.75	468.679	-6.60	2652	+	6.71	8402600.15	289875.78	469.13	469.56	0.43	6.75	469.570	6.60	6.83	469.649	100.00						
-7.05	468.589	100.00	-6.75	468.290	-6.60	2653	+	0.00	8402600.27	289862.50	468.74	468.86	0.12	6.75	469.181	6.60	7.05	469.478	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.90	467.855	100.00	-6.75	467.702	-6.60	2654	+	0.00	8402599.63	289842.51	468.15	468.26	0.11	6.75	468.593	6.60	6.94	468.785	100.00						
-6.77	467.097	-66.67	-6.75	467.113	-6.60	2655	+	0.00	8402597.99	289822.58	467.56	467.44	-0.12	6.75	468.004	6.60	7.12	467.761	-66.67						
-6.88	466.440	-66.67	-6.75	466.525	-6.60	2656	+	0.00	8402595.35	289802.75	466.97	466.60	-0.37	6.75	467.416	6.60	7.43	466.961	-66.67						
-6.96	465.838	-66.67	-6.75	465.975	-6.60	2657	+	0.00	8402591.72	289783.09	466.42	465.86	-0.56	6.75	466.866	6.60	7.79	466.171	-66.67						
-7.21	465.194	-66.67	-6.75	465.502	-6.60	2658	+	0.00	8402587.12	289763.63	465.95	465.58	-0.37	6.75	466.393	6.60	7.72	465.746	-66.67						
-6.98	465.050	-66.67	-6.75	465.205	-6.60	2658	+	14.62	8402583.05	289749.59	465.65	465.39	-0.26	6.75	466.096	6.60	7.70	465.461	-66.67						
-7.07	464.890	-66.67	-6.75	465.106	-6.60	2659	+	0.00	8402581.55	289744.42	465.55	465.31	-0.24	6.75	465.997	6.60	7.74	465.336	-66.67						
-6.85	464.888	100.00	-6.75	464.786	-6.60	2660	+	0.00	8402575.03	289725.51	465.23	465.14	-0.09	6.75	465.677	6.60	7.43	465.223	-66.67						
-7.44	465.234	100.00	-6.75	464.543	-6.60	2661	+	0.00	8402567.57	289706.96	464.99	465.43	0.45	6.75	465.434	6.60	7.21	465.284	100.00						
-7.56	465.150	100.00	-6.75	464.338	-6.60	2662	+	0.00	8402559.20	289688.80	464.78	465.51	0.73	6.75	465.229	6.60	6.84	465.315	100.00						
-7.83	465.212	100.00	-6.75	464.134	-6.60	2663	+	0.00	8402549.92	289671.08	464.58	465.46	0.88	6.75	465.025	6.60	7.24	465.517	100.00						
-7.90	465.080	100.00	-6.75	463.929	-6.60	2664	+	0.00	8402539.77	289653.85	464.37	465.27	0.89	6.75	464.820	6.60	7.17	465.238	100.00						
-8.01	464.988	100.00	-6.75	463.724	-6.60	2665	+	0.00	8402528.78	289637.15	464.17	465.09	0.92	6.75	464.615	6.60	7.34	465.202	100.00						
-8.06	465.009	100.00	-6.75	463.698	-6.60	2665	+	2.52	8402527.33	289635.08	464.14	465.06	0.92	6.75	464.589	6.60	7.33	465.171	100.00						
-8.11	465.024	100.00	-6.75	463.661	-4.50	2666	+	0.00	8402516.99	289620.99	463.97	464.96	1.00	6.75	464.269	4.50	7.31	464.831	100.00						
-7.99	464.729	100.00	-6.75	463.490	-4.00	2667	+	0.00	8402504.66	289605.25	463.76	464.84	1.08	6.75	463.902	2.10	7.46	464.613	100.00						
-8.14	464.698	100.00	-6.75	463.311	-4.00	2667	+	17.52	8402493.65	289591.62	463.58	464.88	1.30	6.75	463.581	0.00	7.81	464.639	100.00						
-8.15	464.680	100.00	-6.75	463.286	-4.00	2668	+	0.00	8402492.08	289589.70	463.56	464.89	1.33	6.75	463.536	-0.30	7.88	464.665	100.00						
-8.42	464.751	100.00	-6.75	463.081	-4.00	2669	+	0.00	8402479.47	289574.17	463.35	465.00	1.65	6.75	463.169	-2.70	8.23	464.644	100.00						
-8.52	464.645	100.00	-6.75	462.877	-4.00	2670	+	0.00	8402466.86	289558.65	463.15	464.91	1.76	6.75	462.877	-4.00	8.25	464.373	100.00						
-8.51	464.435	100.00	-6.75	462.672	-4.00	2671	+	0.00	8402454.25	289543.13	462.94	464.69	1.75	6.75	462.672	-4.00	8.51	464.434	100.00						
-8.44	464.281	100.00	-6.75	462.589	-2.19	2672	+	0.00	8402441.64	289527.61	462.74	464.60	1.87	6.75	462.467	-4.00	8.37	464.087	100.00						
-8.23	464.017	100.00	-6.75	462.540	0.00	2672	+	19.29	8402429.48	289512.64	462.54	464.35	1.81	6.75	462.270	-4.00	8.46	463.976	100.00						
-8.22	464.012	100.00	-6.75	462.538	0.08	2673	+	0.00	8402429.03	289512.08	462.53	464.34	1.81	6.75	462.263	-4.00	8.47	463.978	100.00						
-8.02	463.753	100.00	-6.75	462.487	2.36	2674	+	0.00	8402416.46	289496.52	462.33	463.93	1.60	6.75	462.058	-4.00	8.20	463.511	100.00						
-7.87	463.551	100.00	-6.75	462.436	4.63	2675	+	0.00	8402404.18	289480.74	462.12	463.62	1.49	6.75	461.811	-4.63	8.10	463.159	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.70	463.341	100.00	-6.75	462.392	6.60	2675	+	17.29	8402394.01	289466.76	461.95	463.17	1.22	6.75	461.501	-6.60	8.04	462.787	100.00						
-7.68	463.295	100.00	-6.75	462.364	6.60	2676	+	0.00	8402392.46	289464.53	461.92	463.05	1.13	6.75	461.473	-6.60	7.97	462.690	100.00						
-7.18	462.592	100.00	-6.75	462.159	6.60	2677	+	0.00	8402381.54	289447.78	461.71	462.27	0.56	6.75	461.268	-6.60	7.65	462.166	100.00						
-6.87	461.875	-66.67	-6.75	461.954	6.60	2678	+	0.00	8402371.46	289430.51	461.51	461.67	0.17	6.75	461.063	-6.60	7.35	461.663	100.00						
-7.26	461.404	-66.67	-6.75	461.743	6.60	2679	+	0.00	8402362.26	289412.75	461.30	461.32	0.02	6.75	460.852	-6.60	7.04	461.141	100.00						
-7.15	461.256	-66.67	-6.75	461.525	6.60	2680	+	0.00	8402353.96	289394.56	461.08	460.75	-0.33	6.75	460.634	-6.60	6.83	460.711	100.00						
-7.12	461.229	-66.67	-6.75	461.475	6.60	2680	+	4.44	8402352.33	289390.43	461.03	460.85	-0.18	6.75	460.584	-6.60	6.87	460.699	100.00						
-7.04	461.106	-66.67	-6.75	461.300	6.60	2681	+	0.00	8402346.58	289375.97	460.86	460.77	-0.09	6.75	460.409	-6.60	7.01	460.670	100.00						
-6.92	460.958	-66.67	-6.75	461.069	6.60	2682	+	0.00	8402340.14	289357.04	460.62	460.70	0.08	6.75	460.178	-6.60	6.97	460.393	100.00						
-6.76	460.827	-66.67	-6.75	460.832	6.60	2683	+	0.00	8402334.65	289337.81	460.39	460.55	0.16	6.75	459.941	-6.60	7.19	460.376	100.00						
-6.78	460.619	100.00	-6.75	460.594	6.60	2684	+	0.00	8402330.13	289318.33	460.15	460.26	0.11	6.75	459.703	-6.60	7.17	460.123	100.00						
-6.95	460.321	-66.67	-6.75	460.456	6.60	2684	+	11.59	8402327.96	289306.94	460.01	460.21	0.20	6.75	459.565	-6.60	7.43	460.246	100.00						
-7.44	459.829	-66.67	-6.75	460.291	5.64	2685	+	0.00	8402326.59	289298.65	459.91	460.04	0.13	6.75	459.529	-5.64	7.10	459.877	100.00						
-6.83	459.850	-66.67	-6.75	459.900	3.37	2686	+	0.00	8402323.88	289278.83	459.67	459.72	0.05	6.75	459.402	-4.00	6.88	459.536	100.00						
-7.19	459.216	-66.67	-6.75	459.508	1.09	2687	+	0.00	8402321.67	289258.95	459.44	459.37	-0.07	6.75	459.165	-4.00	7.14	458.902	-66.67						
-7.06	459.111	-66.67	-6.75	459.320	0.00	2687	+	9.59	8402320.69	289249.41	459.32	459.14	-0.18	6.75	459.050	-4.00	7.14	458.791	-66.67						
-7.08	458.894	-66.67	-6.75	459.117	-1.18	2688	+	0.00	8402319.64	289239.06	459.20	458.96	-0.23	6.75	458.927	-4.00	7.11	458.688	-66.67						
-6.92	458.612	-66.67	-6.75	458.725	-3.46	2689	+	0.00	8402317.61	289219.16	458.96	458.74	-0.22	6.75	458.689	-4.00	7.46	458.216	-66.67						
-6.84	458.437	-66.67	-6.75	458.494	-4.00	2690	+	0.00	8402315.58	289199.26	458.76	458.54	-0.23	6.75	458.494	-4.00	7.43	458.042	-66.67						
-6.76	458.390	-66.67	-6.75	458.394	-4.00	2691	+	0.00	8402313.56	289179.37	458.66	458.44	-0.22	6.75	458.394	-4.00	7.60	457.831	-66.67						
-6.84	458.327	-66.67	-6.75	458.388	-4.00	2692	+	0.00	8402311.53	289159.47	458.66	458.31	-0.35	6.75	458.388	-4.00	7.90	457.625	-66.67						
-7.10	458.246	-66.67	-6.75	458.477	-4.00	2693	+	0.00	8402309.50	289139.57	458.75	458.28	-0.46	6.75	458.477	-4.00	8.08	457.590	-66.67						
-7.35	458.258	-66.67	-6.75	458.660	-4.00	2694	+	0.00	8402307.48	289119.68	458.93	458.31	-0.62	6.75	458.660	-4.00	8.06	457.784	-66.67						
-7.53	458.371	-66.67	-6.75	458.893	-4.00	2695	+	0.00	8402305.45	289099.78	459.16	458.45	-0.71	6.75	458.893	-4.00	8.25	457.894	-66.67						
-7.79	458.431	-66.67	-6.75	459.125	-4.00	2696	+	0.00	8402303.42	289079.88	459.40	458.45	-0.94	6.75	459.125	-4.00	8.72	457.811	-66.67						
-8.22	458.343	-66.67	-6.75	459.324	-4.00	2697	+	0.00	8402301.40	289059.98	459.59	458.39	-1.21	6.75	459.324	-4.00	8.81	457.950	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.74	458.149	-66.67	-6.75	459.477	-4.00	2698	+	0.00	8402299.37	289040.09	459.75	458.14	-1.61	6.75	459.477	-4.00	9.24	457.816	-66.67						
-8.91	458.150	-66.67	-6.75	459.586	-4.00	2699	+	0.00	8402297.34	289020.19	459.86	458.32	-1.54	6.75	459.586	-4.00	9.55	457.719	-66.67						
-9.10	458.083	-66.67	-6.75	459.650	-4.00	2700	+	0.00	8402295.32	289000.29	459.92	458.08	-1.84	6.75	459.650	-4.00	9.74	457.660	-66.67						
-9.45	457.867	-66.67	-6.75	459.669	-4.00	2701	+	0.00	8402293.29	288980.40	459.94	458.18	-1.76	6.75	459.669	-4.00	9.87	457.593	-66.67						
-9.43	457.859	-66.67	-6.75	459.643	-4.00	2702	+	0.00	8402291.26	288960.50	459.91	457.91	-2.00	6.75	459.643	-4.00	9.78	457.625	-66.67						
-9.66	457.635	-66.67	-6.75	459.573	-4.00	2703	+	0.00	8402289.23	288940.60	459.84	457.94	-1.91	6.75	459.573	-4.00	9.68	457.617	-66.67						
-9.66	457.515	-66.67	-6.75	459.457	-4.00	2704	+	0.00	8402287.21	288920.71	459.73	457.92	-1.81	6.75	459.457	-4.00	9.47	457.644	-66.67						
-9.61	457.388	-66.67	-6.75	459.296	-4.00	2705	+	0.00	8402285.18	288900.81	459.57	457.65	-1.92	6.75	459.389	-2.62	9.87	457.309	-66.67						
-9.63	457.175	-66.67	-6.75	459.092	-4.00	2706	+	0.00	8402283.15	288880.91	459.36	457.45	-1.91	6.75	459.339	-0.35	10.14	457.079	-66.67						
-9.63	457.140	-66.67	-6.75	459.059	-4.00	2706	+	3.07	8402282.84	288877.86	459.33	457.44	-1.89	6.75	459.329	0.00	10.27	456.983	-66.67						
-9.38	457.122	-66.67	-6.75	458.877	-4.00	2707	+	0.00	8402281.09	288861.02	459.15	457.29	-1.86	6.75	459.277	1.93	10.36	456.871	-66.67						
-9.26	456.986	-66.67	-6.75	458.656	-4.20	2708	+	0.00	8402278.74	288841.16	458.94	457.25	-1.69	6.75	459.224	4.20	10.40	456.792	-66.67						
-8.85	456.956	-66.67	-6.75	458.358	-6.48	2709	+	0.00	8402275.76	288821.38	458.80	457.27	-1.52	6.75	459.233	6.48	10.13	456.982	-66.67						
-8.82	456.965	-66.67	-6.75	458.344	-6.60	2709	+	1.07	8402275.57	288820.33	458.79	457.27	-1.52	6.75	459.235	6.60	10.16	456.962	-66.67						
-8.76	456.935	-66.67	-6.75	458.276	-6.60	2710	+	0.00	8402271.86	288801.77	458.72	457.28	-1.44	6.75	459.167	6.60	9.33	457.450	-66.67						
-8.76	456.927	-66.67	-6.75	458.266	-6.60	2710	+	8.96	8402269.67	288793.08	458.71	457.31	-1.40	6.75	459.157	6.60	9.92	457.047	-66.67						
-8.50	457.103	-66.67	-6.75	458.273	-6.60	2711	+	0.00	8402266.98	288782.37	458.72	457.33	-1.39	6.75	459.164	6.60	9.85	457.096	-66.67						
-8.42	457.209	-66.67	-6.75	458.325	-6.60	2711	+	16.85	8402262.12	288766.24	458.77	457.40	-1.37	6.75	459.216	6.60	9.45	457.414	-66.67						
-8.49	457.206	-66.67	-6.75	458.364	-6.24	2712	+	0.00	8402261.14	288763.25	458.79	457.42	-1.36	6.75	459.207	6.24	9.38	457.454	-66.67						
-8.60	457.413	-66.67	-6.75	458.645	-4.00	2713	+	0.00	8402254.43	288744.41	458.92	457.64	-1.28	6.75	459.183	3.97	9.08	457.630	-66.67						
-7.81	458.080	-66.67	-6.75	458.784	-4.00	2714	+	0.00	8402247.17	288725.78	459.05	457.93	-1.12	6.75	459.168	1.69	8.56	457.964	-66.67						
-7.71	458.250	-66.67	-6.75	458.887	-4.00	2714	+	14.85	8402241.60	288712.01	459.16	458.30	-0.86	6.75	459.157	0.00	8.03	458.304	-66.67						
-7.65	458.321	-66.67	-6.75	458.922	-4.00	2715	+	0.00	8402239.66	288707.24	459.19	458.37	-0.82	6.75	459.153	-0.59	7.90	458.390	-66.67						
-7.46	458.586	-66.67	-6.75	459.061	-4.00	2716	+	0.00	8402232.13	288688.71	459.33	458.56	-0.77	6.75	459.138	-2.86	7.60	458.574	-66.67						
-7.29	458.840	-66.67	-6.75	459.199	-4.00	2717	+	0.00	8402224.60	288670.18	459.47	458.75	-0.72	6.75	459.199	-4.00	7.04	459.008	-66.67						
-7.19	459.045	-66.67	-6.75	459.338	-4.00	2718	+	0.00	8402217.07	288651.65	459.61	459.02	-0.59	6.75	459.338	-4.00	7.15	459.073	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.25	459.146	-66.67	-6.75	459.476	-4.00	2719	+	0.00	8402209.54	288633.12	459.75	458.89	-0.86	6.75	459.476	-4.00	7.92	458.698	-66.67						
-7.32	459.233	-66.67	-6.75	459.615	-4.00	2720	+	0.00	8402202.01	288614.59	459.89	458.95	-0.93	6.75	459.615	-4.00	7.21	459.310	-66.67						
-7.75	459.086	-66.67	-6.75	459.753	-4.00	2721	+	0.00	8402194.48	288596.07	460.02	458.95	-1.07	6.75	459.753	-4.00	7.48	459.265	-66.67						
-7.96	459.087	-66.67	-6.75	459.892	-4.00	2722	+	0.00	8402186.95	288577.54	460.16	459.11	-1.05	6.75	459.892	-4.00	8.00	459.059	-66.67						
-7.89	459.269	-66.67	-6.75	460.030	-4.00	2723	+	0.00	8402179.42	288559.01	460.30	459.29	-1.01	6.75	460.030	-4.00	7.70	459.395	-66.67						
-7.95	459.369	-66.67	-6.75	460.168	-4.00	2724	+	0.00	8402171.89	288540.48	460.44	459.29	-1.15	6.75	460.168	-4.00	7.93	459.382	-66.67						
-8.24	459.311	-66.67	-6.75	460.307	-4.00	2725	+	0.00	8402164.36	288521.95	460.58	459.31	-1.27	6.75	460.307	-4.00	8.29	459.280	-66.67						
-8.08	459.562	-66.67	-6.75	460.445	-4.00	2726	+	0.00	8402156.83	288503.42	460.72	459.84	-0.88	6.75	460.445	-4.00	7.87	459.699	-66.67						
-8.00	459.753	-66.67	-6.75	460.584	-4.00	2727	+	0.00	8402149.30	288484.89	460.85	459.74	-1.12	6.75	460.584	-4.00	8.19	459.625	-66.67						
-8.17	459.776	-66.67	-6.75	460.722	-4.00	2728	+	0.00	8402141.78	288466.37	460.99	459.96	-1.03	6.75	460.783	-3.11	7.60	460.218	-66.67						
-7.87	460.111	-66.67	-6.75	460.861	-4.00	2729	+	0.00	8402134.25	288447.84	461.13	460.41	-0.72	6.75	461.075	-0.83	7.53	460.554	-66.67						
-7.47	460.431	-66.67	-6.75	460.911	-4.00	2729	+	7.29	8402131.50	288441.09	461.18	460.66	-0.52	6.75	461.181	0.00	7.19	460.892	-66.67						
-7.09	460.771	-66.67	-6.75	460.999	-4.00	2730	+	0.00	8402126.70	288429.31	461.27	461.08	-0.19	6.75	461.367	1.45	6.89	461.276	-66.67						
-7.11	461.495	100.00	-6.75	461.138	-4.00	2731	+	0.00	8402118.95	288410.88	461.41	461.39	-0.02	6.75	461.659	3.72	6.99	461.499	-66.67						
-6.86	461.070	-66.67	-6.75	461.141	-6.00	2732	+	0.00	8402110.69	288392.67	461.55	461.37	-0.18	6.75	461.951	6.00	7.23	461.634	-66.67						
-7.03	460.950	-66.67	-6.75	461.137	-6.60	2732	+	5.29	8402108.38	288387.91	461.58	461.16	-0.42	6.75	462.028	6.60	7.59	461.471	-66.67						
-7.85	460.508	-66.67	-6.75	461.239	-6.60	2733	+	0.00	8402101.63	288374.84	461.69	460.87	-0.82	6.75	462.130	6.60	8.23	461.147	-66.67						
-8.54	460.187	-66.67	-6.75	461.378	-6.60	2734	+	0.00	8402091.69	288357.49	461.82	460.45	-1.38	6.75	462.269	6.60	9.03	460.750	-66.67						
-8.60	460.164	-66.67	-6.75	461.396	-6.60	2734	+	2.67	8402090.25	288355.24	461.84	460.33	-1.52	6.75	462.287	6.60	9.09	460.730	-66.67						
-8.74	460.189	-66.67	-6.75	461.516	-6.60	2735	+	0.00	8402080.89	288340.65	461.96	460.24	-1.72	6.75	462.407	6.60	9.37	460.661	-66.67						
-8.94	460.194	-66.67	-6.75	461.655	-6.60	2736	+	0.00	8402069.27	288324.38	462.10	460.22	-1.88	6.75	462.546	6.60	9.55	460.676	-66.67						
-8.94	460.195	-66.67	-6.75	461.655	-6.60	2736	+	0.05	8402069.24	288324.34	462.10	460.22	-1.88	6.75	462.546	6.60	9.55	460.676	-66.67						
-9.37	460.200	-66.67	-6.75	461.946	-4.33	2737	+	0.00	8402056.89	288308.67	462.24	460.25	-1.99	6.75	462.531	4.33	9.43	460.746	-66.67						
-9.65	460.173	-66.67	-6.75	462.107	-4.00	2738	+	0.00	8402044.00	288293.38	462.38	460.28	-2.10	6.75	462.516	2.05	9.35	460.783	-66.67						
-9.81	460.190	-66.67	-6.75	462.232	-4.00	2738	+	18.05	8402032.16	288279.76	462.50	460.38	-2.12	6.75	462.502	0.00	9.05	460.968	-66.67						
-9.89	460.150	-66.67	-6.75	462.245	-4.00	2739	+	0.00	8402030.88	288278.29	462.52	460.40	-2.11	6.75	462.500	-0.22	8.95	461.035	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-9.85	460.319	-66.67	-6.75	462.384	-4.00	2740	+	0.00	8402017.72	288263.22	462.65	460.77	-1.89	6.75	462.485	-2.50	7.94	461.695	-66.67						
-9.24	460.862	-66.67	-6.75	462.522	-4.00	2741	+	0.00	8402004.57	288248.16	462.79	461.57	-1.22	6.75	462.522	-4.00	7.28	462.166	-66.67						
-8.82	461.278	-66.67	-6.75	462.661	-4.00	2742	+	0.00	8401991.41	288233.10	462.93	462.03	-0.90	6.75	462.661	-4.00	6.85	462.597	-66.67						
-8.32	461.755	-66.67	-6.75	462.799	-4.00	2743	+	0.00	8401978.25	288218.03	463.07	462.38	-0.69	6.75	462.799	-4.00	6.84	462.743	-66.67						
-7.53	462.421	-66.67	-6.75	462.938	-4.00	2744	+	0.00	8401965.10	288202.97	463.21	463.01	-0.20	6.75	462.938	-4.00	7.56	463.749	100.00						
-7.78	462.388	-66.67	-6.75	463.076	-4.00	2745	+	0.00	8401951.94	288187.90	463.35	463.06	-0.29	6.75	463.076	-4.00	7.34	463.671	100.00						
-8.05	462.347	-66.67	-6.75	463.215	-4.00	2746	+	0.00	8401938.79	288172.84	463.49	463.00	-0.48	6.75	463.215	-4.00	7.24	463.700	100.00						
-7.63	462.768	-66.67	-6.75	463.353	-4.00	2747	+	0.00	8401925.63	288157.77	463.62	463.14	-0.49	6.75	463.353	-4.00	7.41	464.009	100.00						
-7.26	463.152	-66.67	-6.75	463.492	-4.00	2748	+	0.00	8401912.48	288142.71	463.76	463.43	-0.33	6.75	463.492	-4.00	7.63	464.375	100.00						
-7.10	463.400	-66.67	-6.75	463.630	-4.00	2749	+	0.00	8401899.32	288127.65	463.90	463.68	-0.22	6.75	463.630	-4.00	7.86	464.735	100.00						
-7.10	463.534	-66.67	-6.75	463.768	-4.00	2750	+	0.00	8401886.16	288112.58	464.04	464.25	0.21	6.75	463.768	-4.00	7.86	464.874	100.00						
-6.79	463.944	100.00	-6.75	463.907	-4.00	2751	+	0.00	8401873.01	288097.52	464.18	464.85	0.67	6.75	463.907	-4.00	7.77	464.924	100.00						
-6.96	463.908	-66.67	-6.75	464.045	-4.00	2752	+	0.00	8401859.85	288082.45	464.32	464.08	-0.23	6.75	464.045	-4.00	7.06	464.355	100.00						
-7.84	463.458	-66.67	-6.75	464.184	-4.00	2753	+	0.00	8401846.70	288067.39	464.45	463.81	-0.64	6.75	464.184	-4.00	6.84	464.123	-66.67						
-8.29	463.299	-66.67	-6.75	464.322	-4.00	2754	+	0.00	8401833.54	288052.33	464.59	463.90	-0.70	6.75	464.322	-4.00	7.15	464.053	-66.67						
-9.01	462.960	-66.67	-6.75	464.470	-3.87	2755	+	0.00	8401820.39	288037.26	464.73	463.85	-0.88	6.75	464.461	-4.00	7.37	464.045	-66.67						
-9.33	463.070	-66.67	-6.75	464.792	-1.14	2756	+	0.00	8401807.23	288022.20	464.87	464.02	-0.85	6.75	464.599	-4.00	7.52	464.085	-66.67						
-9.98	462.959	-66.67	-6.75	465.115	1.59	2757	+	0.00	8401794.07	288007.13	465.01	463.95	-1.06	6.75	464.738	-4.00	7.70	464.104	-66.67						
-10.09	462.913	-66.67	-6.75	465.140	1.80	2757	+	1.57	8401793.04	288005.95	465.02	463.96	-1.06	6.75	464.749	-4.00	7.70	464.115	-66.67						
-10.65	462.837	-66.67	-6.75	465.437	4.31	2758	+	0.00	8401781.10	287991.91	465.15	464.25	-0.90	6.75	464.855	-4.31	7.60	464.287	-66.67						
-10.00	463.419	-66.67	-6.75	465.588	4.50	2759	+	0.00	8401768.57	287976.33	465.29	464.63	-0.66	6.75	464.981	-4.50	7.37	464.571	-66.67						
-8.87	464.314	-66.67	-6.75	465.727	4.50	2760	+	0.00	8401756.49	287960.39	465.42	464.96	-0.47	6.75	465.119	-4.50	7.16	464.845	-66.67						
-8.92	464.285	-66.67	-6.75	465.734	4.50	2760	+	1.06	8401755.87	287959.53	465.43	464.97	-0.46	6.75	465.127	-4.50	7.12	464.883	-66.67						
-8.50	464.697	-66.67	-6.75	465.865	4.50	2761	+	0.00	8401744.86	287944.11	465.56	465.13	-0.43	6.75	465.258	-4.50	6.92	465.423	100.00						
-7.99	465.175	-66.67	-6.75	466.004	4.50	2762	+	0.00	8401733.71	287927.51	465.70	465.40	-0.30	6.75	465.396	-4.50	7.25	465.898	100.00						
-7.80	465.268	-66.67	-6.75	465.965	1.87	2763	+	0.00	8401723.04	287910.60	465.84	465.49	-0.35	6.75	465.568	-4.00	6.87	465.492	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.79	465.268	-66.67	-6.75	465.964	1.80	2763	+	0.54	8401722.76	287910.14	465.84	465.49	-0.35	6.75	465.572	-4.00	6.86	465.499	-66.67						
-7.56	465.382	-66.67	-6.75	465.919	-0.85	2764	+	0.00	8401712.62	287893.53	465.98	465.54	-0.44	6.75	465.707	-4.00	7.10	465.477	-66.67						
-7.04	465.678	-66.67	-6.75	465.874	-3.58	2765	+	0.00	8401702.20	287876.46	466.12	465.71	-0.40	6.75	465.845	-4.00	6.86	465.773	-66.67						
-7.33	465.595	-66.67	-6.75	465.984	-4.00	2766	+	0.00	8401691.78	287859.38	466.25	465.73	-0.52	6.75	465.984	-4.00	6.77	465.969	-66.67						
-7.25	465.789	-66.67	-6.75	466.122	-4.00	2767	+	0.00	8401681.36	287842.31	466.39	465.88	-0.51	6.75	466.122	-4.00	6.83	466.068	-66.67						
-6.77	466.279	100.00	-6.75	466.261	-4.00	2768	+	0.00	8401670.95	287825.24	466.53	466.07	-0.46	6.75	466.261	-4.00	6.79	466.299	100.00						
-6.87	466.523	100.00	-6.75	466.399	-4.00	2769	+	0.00	8401660.53	287808.17	466.67	466.43	-0.23	6.75	466.399	-4.00	6.77	466.414	100.00						
-6.94	466.724	100.00	-6.75	466.538	-4.00	2770	+	0.00	8401650.11	287791.10	466.81	466.67	-0.14	6.75	466.538	-4.00	6.97	466.756	100.00						
-6.85	466.771	100.00	-6.75	466.676	-4.00	2771	+	0.00	8401639.69	287774.02	466.95	466.74	-0.21	6.75	466.676	-4.00	6.90	466.827	100.00						
-6.77	466.800	100.00	-6.75	466.785	-4.00	2772	+	0.00	8401629.27	287756.95	467.06	466.79	-0.26	6.75	466.785	-4.00	6.85	466.789	100.00						
-7.17	466.511	-66.67	-6.75	466.790	-4.00	2773	+	0.00	8401618.85	287739.88	467.06	466.86	-0.20	6.75	466.790	-4.00	6.80	466.759	-66.67						
-6.90	466.593	-66.67	-6.75	466.689	-4.00	2774	+	0.00	8401608.44	287722.81	466.96	466.83	-0.13	6.75	466.689	-4.00	6.79	466.731	100.00						
-6.96	466.689	100.00	-6.75	466.481	-4.00	2775	+	0.00	8401598.02	287705.74	466.75	466.66	-0.09	6.75	466.481	-4.00	6.80	466.451	-66.67						
-7.05	466.520	100.00	-6.75	466.224	-3.17	2776	+	0.00	8401587.60	287688.66	466.44	466.57	0.14	6.75	466.167	-4.00	7.00	466.418	100.00						
-7.17	466.408	100.00	-6.75	465.987	-0.44	2777	+	0.00	8401577.18	287671.59	466.02	466.57	0.55	6.75	465.747	-4.00	7.40	466.398	100.00						
-7.72	466.679	100.00	-6.75	465.714	1.80	2777	+	16.42	8401568.62	287657.57	465.59	466.58	0.99	6.75	465.322	-4.00	7.83	466.406	100.00						
-7.88	466.776	100.00	-6.75	465.644	2.29	2778	+	0.00	8401566.77	287654.51	465.49	466.56	1.07	6.75	465.220	-4.00	8.03	466.502	100.00						
-7.90	466.312	100.00	-6.75	465.164	4.50	2779	+	0.00	8401556.69	287637.24	464.86	466.50	1.64	6.75	464.556	-4.50	8.65	466.451	100.00						
-8.57	466.319	100.00	-6.75	464.504	4.50	2780	+	0.00	8401547.10	287619.69	464.20	466.39	2.19	6.75	463.896	-4.50	8.93	466.072	100.00						
-8.83	465.925	100.00	-6.75	463.844	4.50	2781	+	0.00	8401538.02	287601.87	463.54	466.02	2.48	6.75	463.236	-4.50	9.47	465.956	100.00						
-7.79	464.477	100.00	-6.75	463.436	4.50	2781	+	12.34	8401532.73	287590.72	463.13	465.41	2.28	6.75	462.829	-4.50	9.49	465.569	100.00						
-8.12	464.557	100.00	-6.75	463.184	4.50	2782	+	0.00	8401529.45	287583.80	462.88	464.85	1.97	6.75	462.576	-4.50	9.47	465.297	100.00						
-7.95	463.718	100.00	-6.75	462.524	4.50	2783	+	0.00	8401521.40	287565.50	462.22	462.64	0.42	6.75	461.916	-4.50	7.83	462.996	100.00						
-7.71	461.227	-66.67	-6.75	461.864	4.50	2784	+	0.00	8401513.87	287546.97	461.56	461.18	-0.38	6.75	461.256	-4.50	7.15	460.990	-66.67						
-8.32	460.054	-66.67	-6.75	461.098	2.93	2785	+	0.00	8401506.88	287528.23	460.90	460.20	-0.70	6.75	460.630	-4.00	7.43	460.174	-66.67						
-8.36	459.677	-66.67	-6.75	460.749	1.80	2785	+	8.26	8401504.15	287520.43	460.63	459.90	-0.72	6.75	460.357	-4.00	7.43	459.906	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-8.13	459.337	-66.67	-6.75	460.253	0.20	2786	+	0.00	8401500.34	287509.33	460.24	459.56	-0.68	6.75	459.970	-4.00	7.69	459.345	-66.67						
-7.89	458.679	-66.67	-6.75	459.438	-2.53	2787	+	0.00	8401493.84	287490.42	459.61	459.15	-0.46	6.75	459.338	-4.00	7.31	458.966	-66.67						
-7.03	458.620	-66.67	-6.75	458.805	-4.00	2788	+	0.00	8401487.34	287471.50	459.08	458.82	-0.26	6.75	458.805	-4.00	6.84	458.744	-66.67						
-6.77	458.361	-66.67	-6.75	458.373	-4.00	2789	+	0.00	8401480.84	287452.59	458.64	458.52	-0.13	6.75	458.373	-4.00	6.81	458.437	100.00						
-6.95	457.907	-66.67	-6.75	458.042	-4.00	2790	+	0.00	8401474.33	287433.67	458.31	458.22	-0.09	6.75	458.042	-4.00	6.86	458.156	100.00						
-6.79	457.789	-66.67	-6.75	457.813	-4.00	2791	+	0.00	8401467.83	287414.76	458.08	457.98	-0.10	6.75	457.813	-4.00	6.92	457.984	100.00						
-6.85	457.616	-66.67	-6.75	457.685	-4.00	2792	+	0.00	8401461.33	287395.84	457.96	457.84	-0.12	6.75	457.685	-4.00	6.88	457.814	100.00						
-7.02	457.481	-66.67	-6.75	457.659	-4.00	2793	+	0.00	8401454.83	287376.93	457.93	457.71	-0.22	6.75	457.659	-4.00	6.81	457.715	100.00						
-7.20	457.432	-66.67	-6.75	457.730	-4.00	2794	+	0.00	8401448.33	287358.02	458.00	457.68	-0.32	6.75	457.730	-4.00	6.76	457.721	-66.67						
-7.42	457.383	-66.67	-6.75	457.830	-4.00	2795	+	0.00	8401441.83	287339.10	458.10	457.62	-0.48	6.75	457.830	-4.00	7.18	457.542	-66.67						
-7.69	457.305	-66.67	-6.75	457.930	-4.00	2796	+	0.00	8401435.33	287320.19	458.20	457.59	-0.61	6.75	457.930	-4.00	7.27	457.585	-66.67						
-7.94	457.238	-66.67	-6.75	458.030	-4.00	2797	+	0.00	8401428.83	287301.27	458.30	457.61	-0.69	6.75	458.030	-4.00	7.63	457.446	-66.67						
-7.97	457.317	-66.67	-6.75	458.130	-4.00	2798	+	0.00	8401422.33	287282.36	458.40	457.48	-0.92	6.75	458.130	-4.00	8.18	457.177	-66.67						
-8.29	457.201	-66.67	-6.75	458.230	-4.00	2799	+	0.00	8401415.83	287263.44	458.50	457.45	-1.05	6.75	458.230	-4.00	8.20	457.263	-66.67						
-8.47	457.184	-66.67	-6.75	458.330	-4.00	2800	+	0.00	8401409.33	287244.53	458.60	457.43	-1.17	6.75	458.330	-4.00	8.48	457.175	-66.67						
-8.72	457.116	-66.67	-6.75	458.430	-4.00	2801	+	0.00	8401402.83	287225.62	458.70	457.45	-1.25	6.75	458.430	-4.00	8.50	457.262	-66.67						
-8.87	457.119	-66.67	-6.75	458.530	-4.00	2802	+	0.00	8401396.33	287206.70	458.80	457.40	-1.40	6.75	458.530	-4.00	8.78	457.178	-66.67						
-9.07	457.069	-66.67	-6.75	458.612	-4.00	2802	+	16.38	8401391.01	287191.21	458.88	457.36	-1.52	6.75	458.612	-4.00	9.00	457.111	-66.67						
-9.14	457.037	-66.67	-6.75	458.630	-4.00	2803	+	0.00	8401389.84	287187.79	458.90	457.37	-1.53	6.75	458.630	-4.00	8.98	457.143	-66.67						
-9.27	457.052	-66.67	-6.75	458.730	-4.00	2804	+	0.00	8401383.41	287168.85	459.00	457.37	-1.63	6.75	458.730	-4.00	9.15	457.133	-66.67						
-9.39	457.072	-66.67	-6.75	458.830	-4.00	2805	+	0.00	8401377.11	287149.87	459.10	457.39	-1.71	6.75	458.830	-4.00	9.53	456.978	-66.67						
-9.77	456.916	-66.67	-6.75	458.930	-4.00	2806	+	0.00	8401370.92	287130.85	459.20	457.37	-1.83	6.75	458.930	-4.00	9.85	456.866	-66.67						
-10.00	456.863	-66.67	-6.75	459.030	-4.00	2807	+	0.00	8401364.85	287111.79	459.30	457.30	-2.00	6.75	459.030	-4.00	10.22	456.714	-66.67						
-10.32	456.749	-66.67	-6.75	459.130	-4.00	2808	+	0.00	8401358.90	287092.70	459.40	457.29	-2.11	6.75	459.130	-4.00	10.44	456.670	-66.67						
-10.30	456.866	-66.67	-6.75	459.230	-4.00	2809	+	0.00	8401353.07	287073.57	459.50	457.17	-2.33	6.75	459.230	-4.00	10.63	456.646	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-10.42	456.881	-66.67	-6.75	459.330	-4.00	2810	+	0.00	8401347.35	287054.40	459.60	456.98	-2.62	6.75	459.330	-4.00	11.03	456.480	-66.67						
-10.67	456.818	-66.67	-6.75	459.430	-4.00	2811	+	0.00	8401341.75	287035.20	459.70	456.92	-2.78	6.75	459.430	-4.00	11.27	456.414	-66.67						
-10.78	456.823	-66.67	-6.75	459.506	-4.00	2811	+	15.28	8401337.56	287020.51	459.78	456.92	-2.86	6.75	459.506	-4.00	11.52	456.325	-66.67						
-10.87	456.781	-66.67	-6.75	459.530	-4.00	2812	+	0.00	8401336.27	287015.97	459.80	456.89	-2.91	6.75	459.530	-4.00	11.41	456.424	-66.67						
-10.69	457.002	-66.67	-6.75	459.630	-4.00	2813	+	0.00	8401330.91	286996.70	459.90	456.85	-3.05	6.75	459.630	-4.00	11.58	456.409	-66.67						
-10.43	457.274	-66.67	-6.75	459.730	-4.00	2814	+	0.00	8401325.66	286977.40	460.00	457.22	-2.78	6.75	459.730	-4.00	11.41	456.626	-66.67						
-9.37	458.083	-66.67	-6.75	459.830	-4.00	2815	+	0.00	8401320.54	286958.07	460.10	457.73	-2.37	6.75	459.830	-4.00	10.59	457.268	-66.67						
-8.81	458.554	-66.67	-6.75	459.930	-4.00	2816	+	0.00	8401315.53	286938.70	460.20	458.37	-1.83	6.75	459.930	-4.00	8.60	458.696	-66.67						
-8.39	458.938	-66.67	-6.75	460.030	-4.00	2817	+	0.00	8401310.65	286919.31	460.30	458.96	-1.35	6.75	460.030	-4.00	8.50	458.862	-66.67						
-8.33	459.080	-66.67	-6.75	460.130	-4.00	2818	+	0.00	8401305.88	286899.89	460.40	459.10	-1.30	6.75	460.130	-4.00	8.59	458.901	-66.67						
-8.06	459.355	-66.67	-6.75	460.230	-4.00	2819	+	0.00	8401301.23	286880.43	460.50	459.30	-1.20	6.75	460.230	-4.00	8.64	458.969	-66.67						
-8.13	459.410	-66.67	-6.75	460.330	-4.00	2820	+	0.00	8401296.70	286860.95	460.60	459.36	-1.24	6.75	460.330	-4.00	8.66	459.055	-66.67						
-8.10	459.499	-66.67	-6.75	460.401	-4.00	2820	+	14.18	8401293.57	286847.12	460.67	459.40	-1.28	6.75	460.401	-4.00	8.63	459.147	-66.67						
-8.19	459.472	-66.67	-6.75	460.430	-4.00	2821	+	0.00	8401292.29	286841.45	460.70	459.36	-1.34	6.75	460.430	-4.00	8.71	459.125	-66.67						
-8.49	459.371	-66.67	-6.75	460.530	-4.00	2822	+	0.00	8401287.91	286821.93	460.80	459.44	-1.36	6.75	460.530	-4.00	8.80	459.166	-66.67						
-8.67	459.350	-66.67	-6.75	460.630	-4.00	2823	+	0.00	8401283.53	286802.42	460.90	459.51	-1.39	6.75	460.630	-4.00	8.73	459.308	-66.67						
-8.82	459.353	-66.67	-6.75	460.730	-4.00	2824	+	0.00	8401279.14	286782.90	461.00	459.50	-1.50	6.75	460.730	-4.00	8.75	459.400	-66.67						
-9.18	459.208	-66.67	-6.75	460.830	-4.00	2825	+	0.00	8401274.76	286763.39	461.10	459.37	-1.74	6.75	460.830	-4.00	9.44	459.038	-66.67						
-9.42	459.142	-66.67	-6.75	460.920	-4.00	2826	+	0.00	8401270.38	286743.88	461.19	459.26	-1.93	6.75	460.920	-4.00	9.66	458.982	-66.67						
-9.45	459.187	-66.67	-6.75	460.988	-4.00	2827	+	0.00	8401266.00	286724.36	461.26	459.27	-1.99	6.75	460.988	-4.00	10.10	458.754	-66.67						
-9.75	459.039	-66.67	-6.75	461.036	-4.00	2828	+	0.00	8401261.61	286704.85	461.31	459.16	-2.15	6.75	461.036	-4.00	10.32	458.654	-66.67						
-9.59	459.173	-66.67	-6.75	461.063	-4.00	2829	+	0.00	8401257.23	286685.33	461.33	458.99	-2.35	6.75	461.063	-4.00	10.14	458.806	-66.67						
-9.76	459.061	-66.67	-6.75	461.070	-4.00	2830	+	0.00	8401252.85	286665.82	461.34	459.09	-2.25	6.75	461.070	-4.00	10.20	458.767	-66.67						
-9.93	458.936	-66.67	-6.75	461.055	-4.00	2831	+	0.00	8401248.46	286646.31	461.33	458.99	-2.34	6.75	461.055	-4.00	9.95	458.925	-66.67						
-9.49	459.192	-66.67	-6.75	461.020	-4.00	2832	+	0.00	8401244.08	286626.79	461.29	459.20	-2.09	6.75	461.020	-4.00	9.82	458.976	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-9.38	459.211	-66.67	-6.75	460.963	-4.00	2833	+	0.00	8401239.70	286607.28	461.23	459.06	-2.17	6.75	460.963	-4.00	9.96	458.822	-66.67						
-9.20	459.252	-66.67	-6.75	460.886	-4.00	2834	+	0.00	8401235.32	286587.76	461.16	458.96	-2.20	6.75	460.886	-4.00	9.60	458.987	-66.67						
-9.18	459.170	-66.67	-6.75	460.789	-4.00	2835	+	0.00	8401230.93	286568.25	461.06	459.03	-2.03	6.75	460.789	-4.00	9.38	459.032	-66.67						
-9.09	459.118	-66.67	-6.75	460.680	-4.00	2836	+	0.00	8401226.55	286548.74	460.95	458.83	-2.12	6.75	460.680	-4.00	9.38	458.928	-66.67						
-8.78	459.216	-66.67	-6.75	460.572	-4.00	2837	+	0.00	8401222.17	286529.22	460.84	458.89	-1.95	6.75	460.572	-4.00	9.13	458.988	-66.67						
-8.57	459.248	-66.67	-6.75	460.464	-4.00	2838	+	0.00	8401217.79	286509.71	460.73	458.98	-1.76	6.75	460.464	-4.00	9.11	458.888	-66.67						
-8.42	459.242	-66.67	-6.75	460.355	-4.00	2839	+	0.00	8401213.40	286490.19	460.63	459.04	-1.59	6.75	460.355	-4.00	8.71	459.052	-66.67						
-8.44	459.118	-66.67	-6.75	460.247	-4.00	2840	+	0.00	8401209.02	286470.68	460.52	458.81	-1.71	6.75	460.247	-4.00	8.90	458.812	-66.67						
-8.26	459.130	-66.67	-6.75	460.139	-4.00	2841	+	0.00	8401204.64	286451.17	460.41	458.72	-1.69	6.75	460.139	-4.00	8.70	458.839	-66.67						
-8.23	459.043	-66.67	-6.75	460.030	-4.00	2842	+	0.00	8401200.26	286431.65	460.30	458.69	-1.61	6.75	460.030	-4.00	8.61	458.791	-66.67						
-8.06	459.046	-66.67	-6.75	459.922	-4.00	2843	+	0.00	8401195.87	286412.14	460.19	458.70	-1.50	6.75	459.922	-4.00	8.56	458.718	-66.67						
-7.93	459.030	-66.67	-6.75	459.814	-4.00	2844	+	0.00	8401191.49	286392.63	460.08	458.76	-1.32	6.75	459.814	-4.00	8.41	458.709	-66.67						
-7.67	459.087	-66.67	-6.75	459.702	-4.00	2845	+	0.00	8401187.11	286373.11	459.97	458.79	-1.19	6.75	459.702	-4.00	8.15	458.768	-66.67						
-7.40	459.133	-66.67	-6.75	459.566	-4.00	2846	+	0.00	8401182.73	286353.60	459.84	459.00	-0.84	6.75	459.566	-4.00	7.87	458.820	-66.67						
-7.58	458.847	-66.67	-6.75	459.403	-4.00	2847	+	0.00	8401178.34	286334.08	459.67	459.11	-0.56	6.75	459.403	-4.00	7.56	458.861	-66.67						
-7.28	458.860	-66.67	-6.75	459.212	-4.00	2848	+	0.00	8401173.96	286314.57	459.48	459.16	-0.33	6.75	459.212	-4.00	7.16	458.937	-66.67						
-6.85	459.090	100.00	-6.75	458.994	-4.00	2849	+	0.00	8401169.58	286295.06	459.26	459.01	-0.25	6.75	458.994	-4.00	7.04	459.286	100.00						
-6.94	458.940	100.00	-6.75	458.748	-4.00	2850	+	0.00	8401165.20	286275.54	459.02	458.88	-0.14	6.75	458.748	-4.00	6.94	458.935	100.00						
-6.86	458.580	100.00	-6.75	458.475	-4.00	2851	+	0.00	8401160.81	286256.03	458.75	458.67	-0.08	6.75	458.475	-4.00	6.87	458.591	100.00						
-6.81	458.236	100.00	-6.75	458.174	-4.00	2852	+	0.00	8401156.43	286236.51	458.44	458.10	-0.34	6.75	458.174	-4.00	6.99	458.017	-66.67						
-6.89	457.751	-66.67	-6.75	457.845	-4.00	2853	+	0.00	8401152.05	286217.00	458.12	457.77	-0.34	6.75	457.845	-4.00	6.94	457.721	-66.67						
-6.84	457.429	-66.67	-6.75	457.490	-4.00	2854	+	0.00	8401147.66	286197.49	457.76	457.46	-0.30	6.75	457.490	-4.00	6.78	457.519	100.00						
-7.04	456.919	-66.67	-6.75	457.110	-4.00	2855	+	0.00	8401143.28	286177.97	457.38	456.77	-0.61	6.75	457.110	-4.00	7.20	456.812	-66.67						
-6.95	456.594	-66.67	-6.75	456.726	-4.00	2856	+	0.00	8401138.90	286158.46	457.00	456.71	-0.29	6.75	456.726	-4.00	6.78	456.707	-66.67						
-6.91	456.239	-66.67	-6.75	456.343	-4.00	2857	+	0.00	8401134.52	286138.94	456.61	456.31	-0.30	6.75	456.343	-4.00	6.78	456.325	-66.67						
-6.76	455.965	100.00	-6.75	455.960	-4.00	2858	+	0.00	8401130.13	286119.43	456.23	456.16	-0.07	6.75	455.960	-4.00	6.83	456.038	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-6.86	455.683	100.00	-6.75	455.576	-4.00	2859	+	0.00	8401125.75	286099.92	455.85	455.55	-0.30	6.75	455.576	-4.00	6.77	455.565	-66.67						
-6.80	455.241	100.00	-6.75	455.193	-4.00	2860	+	0.00	8401121.37	286080.40	455.46	455.23	-0.23	6.75	455.193	-4.00	6.77	455.211	100.00						
-6.92	454.977	100.00	-6.75	454.809	-4.00	2861	+	0.00	8401116.99	286060.89	455.08	455.08	0.00	6.75	454.809	-4.00	7.06	455.123	100.00						
-6.85	454.523	100.00	-6.75	454.426	-4.00	2862	+	0.00	8401112.60	286041.37	454.70	454.73	0.03	6.75	454.426	-4.00	7.15	454.822	100.00						
-7.14	453.785	-66.67	-6.75	454.043	-4.00	2863	+	0.00	8401108.22	286021.86	454.31	453.96	-0.36	6.75	454.043	-4.00	7.05	453.840	-66.67						
-8.17	452.712	-66.67	-6.75	453.659	-4.00	2864	+	0.00	8401103.84	286002.35	453.93	452.98	-0.95	6.75	453.659	-4.00	7.35	453.260	-66.67						
-8.69	452.152	-66.67	-6.75	453.443	-1.52	2865	+	0.00	8401099.46	285982.83	453.55	452.55	-0.99	6.75	453.276	-4.00	7.69	452.651	-66.67						
-8.83	451.944	-66.67	-6.75	453.334	0.00	2865	+	11.07	8401097.03	285972.03	453.33	452.33	-1.01	6.75	453.064	-4.00	7.78	452.375	-66.67						
-8.08	452.360	-66.67	-6.75	453.245	1.23	2866	+	0.00	8401095.08	285963.32	453.16	452.26	-0.91	6.75	452.893	-4.00	7.68	452.274	-66.67						
-8.64	451.785	-66.67	-6.75	453.048	3.98	2867	+	0.00	8401090.90	285943.76	452.78	452.22	-0.56	6.75	452.509	-4.00	8.98	451.022	-66.67						
-7.28	452.508	-66.67	-6.75	452.859	6.60	2867	+	19.07	8401087.45	285925.00	452.41	451.99	-0.43	6.75	451.968	-6.60	8.29	450.940	-66.67						
-7.19	452.550	-66.67	-6.75	452.841	6.60	2868	+	0.00	8401087.30	285924.09	452.40	452.03	-0.36	6.75	451.950	-6.60	8.31	450.912	-66.67						
-6.91	452.672	100.00	-6.75	452.509	6.60	2869	+	0.00	8401084.64	285904.27	452.06	451.35	-0.71	6.75	451.618	-6.60	8.75	450.285	-66.67						
-7.91	451.506	-66.67	-6.75	452.280	6.60	2870	+	0.00	8401082.97	285884.34	451.84	450.69	-1.15	6.75	451.389	-6.60	8.45	450.256	-66.67						
-7.90	451.387	-66.67	-6.75	452.155	6.60	2871	+	0.00	8401082.30	285864.35	451.71	450.58	-1.13	6.75	451.264	-6.60	8.35	450.197	-66.67						
-7.28	452.662	100.00	-6.75	452.131	6.60	2872	+	0.00	8401082.63	285844.36	451.69	451.49	-0.20	6.75	451.240	-6.60	7.26	450.904	-66.67						
-7.39	452.777	100.00	-6.75	452.143	6.60	2872	+	5.39	8401082.98	285838.98	451.70	451.84	0.14	6.75	451.252	-6.60	7.17	450.973	-66.67						
-7.60	453.059	100.00	-6.75	452.211	6.60	2873	+	0.00	8401083.95	285824.40	451.77	452.55	0.78	6.75	451.320	-6.60	7.49	450.828	-66.67						
-7.33	452.921	100.00	-6.75	452.343	6.60	2874	+	0.00	8401086.28	285804.54	451.90	453.26	1.37	6.75	451.452	-6.60	8.24	452.936	100.00						
-7.45	453.178	100.00	-6.75	452.474	6.60	2875	+	0.00	8401089.59	285784.82	452.03	453.08	1.05	6.75	451.583	-6.60	8.27	453.105	100.00						
-7.39	453.245	100.00	-6.75	452.606	6.60	2876	+	0.00	8401093.88	285765.29	452.16	452.89	0.73	6.75	451.715	-6.60	8.29	453.251	100.00						
-7.24	453.175	100.00	-6.75	452.683	6.60	2876	+	11.71	8401096.85	285753.96	452.24	453.18	0.94	6.75	451.792	-6.60	8.23	453.274	100.00						
-7.30	453.207	100.00	-6.75	452.660	5.46	2877	+	0.00	8401099.14	285745.99	452.29	453.17	0.88	6.75	451.923	-5.46	8.12	453.293	100.00						
-7.25	453.102	100.00	-6.75	452.606	2.71	2878	+	0.00	8401105.18	285726.93	452.42	453.18	0.76	6.75	452.240	-2.71	7.76	453.246	100.00						
-7.45	453.249	100.00	-6.75	452.553	0.00	2878	+	19.71	8401111.52	285708.26	452.55	453.03	0.48	6.75	452.553	0.00	7.35	453.150	100.00						
-7.45	453.251	100.00	-6.75	452.552	-0.04	2879	+	0.00	8401111.61	285707.99	452.55	453.02	0.46	6.75	452.557	0.04	7.34	453.149	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.11	452.857	100.00	-6.75	452.498	-2.79	2880	+	0.00	8401118.04	285689.05	452.69	452.81	0.13	6.75	452.874	2.79	6.90	453.029	100.00						
-7.09	452.786	100.00	-6.75	452.443	-5.54	2881	+	0.00	8401124.06	285669.98	452.82	452.88	0.06	6.75	453.191	5.54	7.20	452.892	-66.67						
-7.26	452.937	100.00	-6.75	452.422	-6.60	2881	+	7.71	8401126.19	285662.57	452.87	452.92	0.06	6.75	453.313	6.60	7.49	452.818	-66.67						
-6.87	452.626	100.00	-6.75	452.503	-6.60	2882	+	0.00	8401129.29	285650.68	452.95	452.93	-0.02	6.75	453.394	6.60	7.86	452.657	-66.67						
-6.81	452.698	100.00	-6.75	452.635	-6.60	2883	+	0.00	8401133.56	285631.14	453.08	452.83	-0.25	6.75	453.526	6.60	8.05	452.660	-66.67						
-6.95	452.635	-66.67	-6.75	452.766	-6.60	2884	+	0.00	8401136.84	285611.42	453.21	452.57	-0.64	6.75	453.657	6.60	8.20	452.693	-66.67						
-7.42	452.421	-66.67	-6.75	452.869	-6.60	2884	+	15.64	8401138.64	285595.88	453.31	452.43	-0.88	6.75	453.760	6.60	9.09	452.203	-66.67						
-7.54	452.373	-66.67	-6.75	452.897	-6.60	2885	+	0.00	8401139.14	285591.55	453.34	452.41	-0.93	6.75	453.788	6.60	9.23	452.137	-66.67						
-7.97	452.200	-66.67	-6.75	453.015	-6.60	2886	+	0.00	8401140.44	285571.59	453.46	452.17	-1.29	6.75	453.906	6.60	9.71	451.933	-66.67						
-8.28	452.088	-66.67	-6.75	453.105	-6.60	2887	+	0.00	8401140.73	285551.60	453.55	452.10	-1.45	6.75	453.996	6.60	9.98	451.843	-66.67						
-8.42	452.054	-66.67	-6.75	453.168	-6.60	2888	+	0.00	8401140.03	285531.61	453.61	452.17	-1.45	6.75	454.059	6.60	10.21	451.754	-66.67						
-8.38	452.090	-66.67	-6.75	453.177	-6.60	2888	+	3.57	8401139.80	285528.05	453.62	452.16	-1.46	6.75	454.068	6.60	10.28	451.715	-66.67						
-8.54	452.161	-66.67	-6.75	453.356	-4.34	2889	+	0.00	8401138.37	285511.68	453.65	452.05	-1.60	6.75	453.942	4.34	9.91	451.838	-66.67						
-8.72	452.073	-66.67	-6.75	453.387	-4.00	2890	+	0.00	8401136.06	285491.82	453.66	452.14	-1.51	6.75	453.764	1.59	9.51	451.924	-66.67						
-8.72	452.065	-66.67	-6.75	453.379	-4.00	2890	+	11.57	8401134.58	285480.34	453.65	452.17	-1.48	6.75	453.649	0.00	9.32	451.938	-66.67						
-8.49	452.211	-66.67	-6.75	453.368	-4.00	2891	+	0.00	8401133.50	285471.98	453.64	452.17	-1.47	6.75	453.559	-1.16	9.21	451.923	-66.67						
-8.55	452.120	-66.67	-6.75	453.321	-4.00	2892	+	0.00	8401130.93	285452.15	453.59	452.18	-1.41	6.75	453.327	-3.91	8.61	452.089	-66.67						
-7.98	452.424	-66.67	-6.75	453.246	-4.00	2893	+	0.00	8401128.36	285432.31	453.52	452.13	-1.39	6.75	453.246	-4.00	8.56	452.042	-66.67						
-8.28	452.125	-66.67	-6.75	453.144	-4.00	2894	+	0.00	8401125.78	285412.48	453.41	452.04	-1.38	6.75	453.144	-4.00	8.56	451.935	-66.67						
-8.32	451.967	-66.67	-6.75	453.015	-4.00	2895	+	0.00	8401123.21	285392.65	453.29	451.93	-1.36	6.75	453.015	-4.00	8.48	451.861	-66.67						
-8.19	451.913	-66.67	-6.75	452.872	-4.00	2896	+	0.00	8401120.64	285372.81	453.14	451.93	-1.21	6.75	453.012	-1.93	8.64	451.749	-66.67						
-7.63	452.144	-66.67	-6.75	452.729	-4.00	2897	+	0.00	8401118.07	285352.98	453.00	451.94	-1.06	6.75	453.050	0.76	8.98	451.567	-66.67						
-7.46	452.199	-66.67	-6.75	452.669	-4.00	2897	+	8.37	8401116.99	285344.68	452.94	451.93	-1.01	6.75	453.066	1.88	8.69	451.775	-66.67						
-7.21	452.278	-66.67	-6.75	452.586	-4.00	2898	+	0.00	8401115.39	285333.16	452.86	451.88	-0.98	6.75	453.088	3.44	8.58	451.867	-66.67						
-7.32	452.014	-66.67	-6.75	452.396	-4.70	2899	+	0.00	8401112.16	285313.42	452.71	451.81	-0.91	6.75	453.030	4.70	8.64	451.770	-66.67						
-7.17	451.972	-66.67	-6.75	452.253	-4.70	2900	+	0.00	8401108.33	285293.79	452.57	451.76	-0.81	6.75	452.887	4.70	8.65	451.621	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.17	451.832	-66.67	-6.75	452.110	-4.70	2901	+	0.00	8401103.89	285274.29	452.43	451.75	-0.68	6.75	452.744	4.70	8.38	451.660	-66.67						
-7.18	451.801	-66.67	-6.75	452.088	-4.70	2901	+	3.02	8401103.13	285271.37	452.41	451.75	-0.66	6.75	452.723	4.70	8.41	451.615	-66.67						
-7.25	451.635	-66.67	-6.75	451.967	-4.70	2902	+	0.00	8401098.85	285254.94	452.28	451.71	-0.58	6.75	452.601	4.70	8.44	451.474	-66.67						
-7.12	451.576	-66.67	-6.75	451.824	-4.70	2903	+	0.00	8401093.22	285235.75	452.14	451.70	-0.44	6.75	452.458	4.70	8.22	451.478	-66.67						
-6.79	451.685	-66.67	-6.75	451.711	-4.25	2904	+	0.00	8401087.01	285216.74	452.00	451.58	-0.41	6.75	452.285	4.25	7.86	451.546	-66.67						
-6.78	451.580	-66.67	-6.75	451.602	-4.00	2904	+	17.67	8401081.03	285200.11	451.87	451.41	-0.47	6.75	451.999	1.88	7.63	451.416	-66.67						
-6.85	451.518	-66.67	-6.75	451.585	-4.00	2905	+	0.00	8401080.21	285197.93	451.86	451.38	-0.47	6.75	451.961	1.57	7.52	451.448	-66.67						
-6.92	451.330	-66.67	-6.75	451.442	-4.00	2906	+	0.00	8401073.19	285179.20	451.71	451.28	-0.43	6.75	451.637	-1.12	7.39	451.210	-66.67						
-6.85	451.401	100.00	-6.75	451.299	-4.00	2907	+	0.00	8401066.17	285160.48	451.57	451.19	-0.38	6.75	451.313	-3.80	6.96	451.170	-66.67						
-6.83	451.233	100.00	-6.75	451.156	-4.00	2908	+	0.00	8401059.15	285141.75	451.43	451.05	-0.38	6.75	451.156	-4.00	6.80	451.121	-66.67						
-6.87	451.132	100.00	-6.75	451.013	-4.00	2909	+	0.00	8401052.13	285123.02	451.28	450.91	-0.37	6.75	451.013	-4.00	6.78	451.042	100.00						
-6.85	450.970	100.00	-6.75	450.870	-4.00	2910	+	0.00	8401045.11	285104.29	451.14	450.76	-0.38	6.75	450.870	-4.00	6.78	450.994	100.00						
-6.83	450.806	100.00	-6.75	450.727	-4.00	2911	+	0.00	8401038.09	285085.57	451.00	450.65	-0.35	6.75	450.727	-4.00	6.77	450.745	100.00						
-6.95	450.782	100.00	-6.75	450.584	-4.00	2912	+	0.00	8401031.07	285066.84	450.85	450.55	-0.30	6.75	450.584	-4.00	6.92	450.473	-66.67						
-6.85	450.545	100.00	-6.75	450.441	-4.00	2913	+	0.00	8401024.05	285048.11	450.71	450.45	-0.26	6.75	450.441	-4.00	7.04	450.249	-66.67						
-6.79	450.342	100.00	-6.75	450.298	-4.00	2914	+	0.00	8401017.03	285029.38	450.57	450.30	-0.27	6.75	450.298	-4.00	6.96	450.161	-66.67						
-6.82	450.224	100.00	-6.75	450.155	-4.00	2915	+	0.00	8401010.01	285010.66	450.43	450.20	-0.23	6.75	450.155	-4.00	7.12	449.911	-66.67						
-6.82	450.083	100.00	-6.75	450.012	-4.00	2916	+	0.00	8401002.99	284991.93	450.28	450.12	-0.16	6.75	450.012	-4.00	6.81	449.970	-66.67						
-6.85	449.970	100.00	-6.75	449.870	-4.00	2917	+	0.00	8400995.97	284973.20	450.14	450.06	-0.08	6.75	449.870	-4.00	6.81	449.927	100.00						
-6.98	449.959	100.00	-6.75	449.727	-4.00	2918	+	0.00	8400988.95	284954.47	450.00	450.06	0.07	6.75	449.727	-4.00	6.91	449.889	100.00						
-7.14	449.970	100.00	-6.75	449.584	-4.00	2919	+	0.00	8400981.93	284935.75	449.85	450.05	0.20	6.75	449.584	-4.00	6.95	449.783	100.00						
-7.10	449.788	100.00	-6.75	449.441	-4.00	2920	+	0.00	8400974.91	284917.02	449.71	450.07	0.36	6.75	449.441	-4.00	7.14	449.829	100.00						
-7.50	450.043	100.00	-6.75	449.298	-4.00	2921	+	0.00	8400967.89	284898.29	449.57	450.04	0.47	6.75	449.298	-4.00	7.32	449.868	100.00						
-7.54	449.949	100.00	-6.75	449.155	-4.00	2922	+	0.00	8400960.87	284879.56	449.43	450.04	0.61	6.75	449.155	-4.00	7.48	449.884	100.00						
-7.60	449.856	100.00	-6.75	449.012	-4.00	2923	+	0.00	8400953.85	284860.84	449.28	450.02	0.74	6.75	449.012	-4.00	7.50	449.764	100.00						
-7.85	449.964	100.00	-6.75	448.869	-4.00	2924	+	0.00	8400946.83	284842.11	449.14	449.93	0.79	6.75	448.869	-4.00	7.64	449.761	100.00						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.89	449.868	100.00	-6.75	448.726	-4.00	2925	+	0.00	8400939.81	284823.38	449.00	449.87	0.87	6.75	448.726	-4.00	7.77	449.743	100.00						
-8.02	449.857	100.00	-6.75	448.583	-4.00	2926	+	0.00	8400932.79	284804.65	448.85	449.77	0.92	6.75	448.583	-4.00	7.89	449.725	100.00						
-7.88	449.566	100.00	-6.75	448.440	-4.00	2927	+	0.00	8400925.77	284785.93	448.71	449.62	0.91	6.75	448.440	-4.00	7.98	449.668	100.00						
-8.36	449.907	100.00	-6.75	448.297	-4.00	2928	+	0.00	8400918.75	284767.20	448.57	449.57	1.01	6.75	448.297	-4.00	7.88	449.421	100.00						
-8.14	449.539	100.00	-6.75	448.154	-4.00	2929	+	0.00	8400911.73	284748.47	448.42	449.44	1.01	6.75	448.154	-4.00	8.08	449.484	100.00						
-8.05	449.314	100.00	-6.75	448.011	-4.00	2930	+	0.00	8400904.71	284729.74	448.28	449.33	1.05	6.75	448.011	-4.00	8.05	449.308	100.00						
-7.70	448.815	100.00	-6.75	447.868	-4.00	2931	+	0.00	8400897.69	284711.02	448.14	449.08	0.94	6.75	447.868	-4.00	7.63	448.743	100.00						
-7.07	448.040	100.00	-6.75	447.725	-4.00	2932	+	0.00	8400890.67	284692.29	448.00	448.05	0.06	6.75	447.725	-4.00	6.82	447.679	-66.67						
-6.89	447.487	-66.67	-6.75	447.582	-4.00	2933	+	0.00	8400883.65	284673.56	447.85	447.51	-0.34	6.75	447.582	-4.00	6.81	447.544	-66.67						
-6.77	447.450	-66.67	-6.75	447.464	-4.00	2934	+	0.00	8400876.63	284654.83	447.73	447.47	-0.26	6.75	447.464	-4.00	6.79	447.438	-66.67						
-6.77	447.407	100.00	-6.75	447.392	-4.00	2935	+	0.00	8400869.61	284636.11	447.66	447.55	-0.11	6.75	447.392	-4.00	6.80	447.445	100.00						
-7.70	446.735	-66.67	-6.75	447.366	-4.00	2936	+	0.00	8400862.59	284617.38	447.64	447.39	-0.25	6.75	447.493	-2.12	6.81	447.450	-66.67						
-7.21	446.987	-66.67	-6.75	447.387	-4.00	2937	+	0.00	8400855.57	284598.65	447.66	447.41	-0.25	6.75	447.697	0.60	7.13	447.447	-66.67						
-6.97	447.262	-66.67	-6.75	447.410	-4.00	2937	+	8.78	8400852.49	284590.43	447.68	447.37	-0.31	6.75	447.802	1.80	7.28	447.451	-66.67						
-7.13	447.202	-66.67	-6.75	447.453	-4.00	2938	+	0.00	8400848.46	284579.96	447.72	447.40	-0.32	6.75	447.948	3.33	7.52	447.432	-66.67						
-6.89	447.415	-66.67	-6.75	447.507	-4.50	2939	+	0.00	8400840.88	284561.45	447.81	447.46	-0.35	6.75	448.115	4.50	7.84	447.385	-66.67						
-7.04	447.394	-66.67	-6.75	447.585	-4.50	2939	+	17.78	8400833.67	284545.20	447.89	447.51	-0.38	6.75	448.193	4.50	7.99	447.365	-66.67						
-6.95	447.463	-66.67	-6.75	447.595	-4.50	2940	+	0.00	8400832.77	284543.17	447.90	447.52	-0.38	6.75	448.203	4.50	7.91	447.431	-66.67						
-7.21	447.374	-66.67	-6.75	447.683	-4.50	2941	+	0.00	8400824.14	284525.13	447.99	447.56	-0.42	6.75	448.291	4.50	8.06	447.420	-66.67						
-7.21	447.496	-66.67	-6.75	447.805	-4.00	2942	+	0.00	8400815.00	284507.34	448.08	447.56	-0.52	6.75	448.259	2.73	7.76	447.583	-66.67						
-7.35	447.437	-66.67	-6.75	447.835	-4.00	2942	+	6.79	8400811.78	284501.36	448.11	447.58	-0.53	6.75	448.226	1.80	7.80	447.525	-66.67						
-7.36	447.489	-66.67	-6.75	447.893	-4.00	2943	+	0.00	8400805.46	284489.76	448.16	447.57	-0.59	6.75	448.163	0.00	7.88	447.407	-66.67						
-7.36	447.573	-66.67	-6.75	447.981	-4.00	2944	+	0.00	8400795.90	284472.19	448.25	447.64	-0.61	6.75	448.066	-2.73	7.58	447.513	-66.67						
-7.47	447.589	-66.67	-6.75	448.068	-4.00	2945	+	0.00	8400786.33	284454.63	448.34	447.61	-0.72	6.75	448.068	-4.00	7.38	447.649	-66.67						
-7.39	447.729	-66.67	-6.75	448.156	-4.00	2946	+	0.00	8400776.77	284437.07	448.43	447.77	-0.65	6.75	448.156	-4.00	7.41	447.715	-66.67						
-7.30	447.880	-66.67	-6.75	448.244	-4.00	2947	+	0.00	8400767.20	284419.50	448.51	447.86	-0.66	6.75	448.244	-4.00	7.39	447.821	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.24	448.006	-66.67	-6.75	448.332	-4.00	2948	+	0.00	8400757.64	284401.94	448.60	447.82	-0.78	6.75	448.332	-4.00	7.40	447.902	-66.67						
-7.25	448.090	-66.67	-6.75	448.420	-4.00	2949	+	0.00	8400748.07	284384.37	448.69	448.01	-0.68	6.75	448.420	-4.00	7.46	447.944	-66.67						
-7.21	448.203	-66.67	-6.75	448.508	-4.00	2950	+	0.00	8400738.51	284366.81	448.78	447.90	-0.88	6.75	448.508	-4.00	7.70	447.872	-66.67						
-7.32	448.216	-66.67	-6.75	448.596	-4.00	2951	+	0.00	8400728.94	284349.24	448.87	448.03	-0.83	6.75	448.596	-4.00	7.81	447.893	-66.67						
-7.61	448.112	-66.67	-6.75	448.684	-4.00	2952	+	0.00	8400719.38	284331.68	448.95	447.95	-1.00	6.75	448.684	-4.00	7.93	447.897	-66.67						
-7.75	448.107	-66.67	-6.75	448.772	-4.00	2953	+	0.00	8400709.81	284314.11	449.04	447.93	-1.11	6.75	448.772	-4.00	8.10	447.870	-66.67						
-8.01	448.014	-66.67	-6.75	448.850	-4.00	2954	+	0.00	8400700.25	284296.55	449.12	447.79	-1.33	6.75	448.850	-4.00	8.28	447.831	-66.67						
-8.19	447.939	-66.67	-6.75	448.900	-4.00	2955	+	0.00	8400690.68	284278.99	449.17	447.76	-1.41	6.75	448.900	-4.00	8.46	447.760	-66.67						
-8.35	447.853	-66.67	-6.75	448.920	-4.00	2956	+	0.00	8400681.12	284261.42	449.19	447.57	-1.62	6.75	448.920	-4.00	8.62	447.675	-66.67						
-8.38	447.823	-66.67	-6.75	448.911	-4.00	2957	+	0.00	8400671.55	284243.86	449.18	447.54	-1.64	6.75	448.911	-4.00	8.72	447.598	-66.67						
-8.52	447.695	-66.67	-6.75	448.872	-4.00	2958	+	0.00	8400661.99	284226.29	449.14	447.46	-1.69	6.75	448.872	-4.00	8.69	447.581	-66.67						
-8.48	447.649	-66.67	-6.75	448.803	-4.00	2959	+	0.00	8400652.42	284208.73	449.07	447.48	-1.59	6.75	448.803	-4.00	8.64	447.545	-66.67						
-8.31	447.664	-66.67	-6.75	448.705	-4.00	2960	+	0.00	8400642.86	284191.16	448.98	447.44	-1.53	6.75	448.705	-4.00	8.65	447.438	-66.67						
-8.48	447.423	-66.67	-6.75	448.577	-4.00	2961	+	0.00	8400633.29	284173.60	448.85	447.52	-1.33	6.75	448.577	-4.00	8.40	447.477	-66.67						
-8.21	447.444	-66.67	-6.75	448.419	-4.00	2962	+	0.00	8400623.73	284156.03	448.69	447.38	-1.31	6.75	448.419	-4.00	8.10	447.521	-66.67						
-7.94	447.435	-66.67	-6.75	448.232	-4.00	2963	+	0.00	8400614.16	284138.47	448.50	447.33	-1.17	6.75	448.232	-4.00	8.37	447.153	-66.67						
-7.82	447.309	-66.67	-6.75	448.024	-4.00	2964	+	0.00	8400604.60	284120.90	448.29	447.05	-1.25	6.75	448.024	-4.00	8.12	447.113	-66.67						
-7.76	447.141	-66.67	-6.75	447.815	-4.00	2965	+	0.00	8400595.03	284103.34	448.09	447.04	-1.05	6.75	447.815	-4.00	7.88	447.060	-66.67						
-7.67	446.995	-66.67	-6.75	447.607	-4.00	2966	+	0.00	8400585.47	284085.78	447.88	446.86	-1.02	6.75	447.607	-4.00	7.81	446.903	-66.67						
-7.52	446.888	-66.67	-6.75	447.398	-4.00	2967	+	0.00	8400575.90	284068.21	447.67	446.77	-0.90	6.75	447.398	-4.00	7.60	446.831	-66.67						
-7.31	446.817	-66.67	-6.75	447.190	-4.00	2968	+	0.00	8400566.34	284050.65	447.46	446.70	-0.76	6.75	447.190	-4.00	7.55	446.658	-66.67						
-7.16	446.710	-66.67	-6.75	446.981	-4.00	2969	+	0.00	8400556.77	284033.08	447.25	446.53	-0.73	6.75	447.117	-1.99	7.54	446.587	-66.67						
-6.90	446.729	-66.67	-6.75	446.830	-4.00	2969	+	14.45	8400549.86	284020.39	447.10	446.57	-0.53	6.75	447.100	0.00	7.58	446.547	-66.67						
-6.84	446.712	-66.67	-6.75	446.773	-4.00	2970	+	0.00	8400547.21	284015.52	447.04	446.49	-0.56	6.75	447.094	0.76	7.50	446.595	-66.67						
-6.82	446.637	100.00	-6.75	446.564	-4.00	2971	+	0.00	8400537.52	283998.02	446.83	446.71	-0.12	6.75	447.071	3.51	7.70	446.438	-66.67						
-7.21	446.664	100.00	-6.75	446.203	-6.26	2972	+	0.00	8400527.37	283980.79	446.63	446.60	-0.02	6.75	447.048	6.26	7.87	446.301	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.21	446.616	100.00	-6.75	446.154	-6.60	2972	+	2.45	8400526.07	283978.71	446.60	446.61	0.00	6.75	447.045	6.60	7.86	446.307	-66.67						
-7.11	446.324	100.00	-6.75	445.964	-6.60	2973	+	0.00	8400516.45	283964.04	446.41	446.60	0.19	6.75	446.855	6.60	7.57	446.308	-66.67						
-7.14	445.442	-66.67	-6.75	445.700	-6.60	2974	+	0.00	8400504.71	283947.85	446.15	446.12	-0.03	6.75	446.591	6.60	7.07	446.378	-66.67						
-7.06	445.175	-66.67	-6.75	445.379	-6.60	2975	+	0.00	8400492.17	283932.27	445.82	445.61	-0.21	6.75	446.270	6.60	6.79	446.307	100.00						
-6.94	445.193	100.00	-6.75	445.001	-6.60	2976	+	0.00	8400478.87	283917.33	445.45	445.47	0.02	6.75	445.892	6.60	7.06	446.205	100.00						
-7.02	444.385	-66.67	-6.75	444.567	-6.60	2977	+	0.00	8400464.84	283903.08	445.01	445.04	0.03	6.75	445.458	6.60	7.38	446.089	100.00						
-6.82	444.481	-66.67	-6.75	444.527	-6.60	2977	+	1.76	8400463.55	283901.89	444.97	445.16	0.19	6.75	445.418	6.60	7.41	446.073	100.00						
-6.81	444.042	-66.67	-6.75	444.084	-6.60	2978	+	0.00	8400450.12	283889.55	444.53	445.94	1.41	6.75	444.975	6.60	7.68	445.909	100.00						
-7.46	444.305	100.00	-6.75	443.594	-6.60	2979	+	0.00	8400434.74	283876.77	444.04	445.97	1.93	6.75	444.485	6.60	8.24	445.976	100.00						
-8.19	444.543	100.00	-6.75	443.104	-6.60	2980	+	0.00	8400418.74	283864.78	443.55	445.98	2.43	6.75	443.995	6.60	8.52	445.765	100.00						
-8.71	444.592	100.00	-6.75	442.630	-6.60	2981	+	0.00	8400402.15	283853.60	443.08	445.97	2.89	6.75	443.521	6.60	8.97	445.736	100.00						
-9.79	445.301	100.00	-6.75	442.262	-6.60	2982	+	0.00	8400385.04	283843.26	442.71	445.05	2.34	6.75	443.153	6.60	9.17	445.577	100.00						
-9.78	445.273	100.00	-6.75	442.246	-6.60	2982	+	1.07	8400384.11	283842.73	442.69	444.78	2.09	6.75	443.137	6.60	9.17	445.558	100.00						
-9.04	444.478	100.00	-6.75	442.193	-4.00	2983	+	0.00	8400367.45	283833.74	442.46	443.85	1.39	6.75	442.733	4.00	9.27	445.247	100.00						
-7.58	442.902	100.00	-6.75	442.070	-4.00	2984	+	0.00	8400349.58	283824.75	442.34	442.71	0.37	6.75	442.424	1.25	7.09	442.767	100.00						
-7.05	442.350	100.00	-6.75	442.055	-4.00	2984	+	9.07	8400341.44	283820.76	442.33	442.13	-0.19	6.75	442.325	0.00	7.02	442.145	-66.67						
-8.46	440.918	-66.67	-6.75	442.055	-4.00	2985	+	0.00	8400331.62	283815.95	442.33	441.60	-0.72	6.75	442.224	-1.50	7.87	441.479	-66.67						
-11.00	439.220	-66.67	-6.75	442.055	-4.00	2986	+	0.00	8400313.66	283807.15	442.33	438.40	-3.93	6.75	442.055	-4.00	13.13	437.802	-66.67						
-12.00	438.557	-66.67	-6.75	442.055	-4.00	2987	+	0.00	8400295.70	283798.35	442.33	436.88	-5.44	6.75	442.055	-4.00	14.63	436.804	-66.67						
-12.00	438.557	-66.67	-6.75	442.055	-4.00	2987	+	12.37	8400284.60	283792.89	442.33	436.54	-5.78	6.75	442.055	-4.00	14.63	436.804	-66.67						
-12.00	438.557	-66.67	-6.75	442.055	-4.00	2991	+	17.40	8400208.33	283755.54	442.33	435.96	-6.36	6.75	442.055	-4.00	14.63	436.804	-66.67						
-12.06	438.515	-66.67	-6.75	442.055	-4.00	2992	+	0.00	8400205.90	283754.35	442.33	435.92	-6.40	6.75	442.055	-4.00	16.14	435.795	-66.67						
-12.37	438.311	-66.67	-6.75	442.055	-4.00	2993	+	0.00	8400187.94	283745.55	442.33	436.86	-5.47	6.75	442.055	-4.00	14.52	436.872	-66.67						
-14.60	436.825	-66.67	-6.75	442.060	-4.00	2994	+	0.00	8400169.98	283736.75	442.33	436.36	-5.97	6.75	442.060	-4.00	16.05	435.863	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-12.79	438.154	-66.67	-6.75	442.178	-2.80	2995	+	0.00	8400152.02	283727.95	442.37	436.35	-6.02	6.75	442.097	-4.00	15.13	436.512	-66.67						
-12.83	438.386	-66.67	-6.75	442.438	-0.05	2996	+	0.00	8400134.06	283719.15	442.44	436.73	-5.71	6.75	442.171	-4.00	15.61	436.264	-66.67						
-12.84	438.387	-66.67	-6.75	442.443	0.00	2996	+	0.33	8400133.76	283719.00	442.44	436.74	-5.71	6.75	442.173	-4.00	15.56	436.301	-66.67						
-12.17	439.118	-66.67	-6.75	442.731	2.71	2997	+	0.00	8400116.15	283710.26	442.55	438.55	-3.99	6.75	442.278	-4.00	11.66	439.007	-66.67						
-12.17	439.229	-66.67	-6.75	442.843	2.71	2998	+	0.00	8400098.50	283700.85	442.66	440.52	-2.14	6.75	442.390	-4.00	11.66	439.119	-66.67						
-6.99	443.142	-66.67	-6.75	443.302	8.00	2998	+	18.33	8400082.83	283691.33	442.76	443.23	0.46	6.75	442.222	-8.00	7.82	443.287	100.00						
-6.88	443.223	-66.67	-6.75	443.312	8.00	2999	+	0.00	8400081.45	283690.41	442.77	443.23	0.46	6.75	442.232	-8.00	7.85	443.332	100.00						
-6.83	443.367	-66.67	-6.75	443.423	8.00	3000	+	0.00	8400065.32	283678.60	442.88	443.46	0.57	6.75	442.343	-8.00	7.90	443.494	100.00						
-7.03	443.812	100.00	-6.75	443.535	8.00	3001	+	0.00	8400050.28	283665.42	443.00	443.63	0.64	6.75	442.455	-8.00	7.99	443.697	100.00						
-6.94	443.836	100.00	-6.75	443.647	8.00	3002	+	0.00	8400036.44	283650.99	443.11	443.88	0.78	6.75	442.567	-8.00	7.96	443.776	100.00						
-6.84	443.696	-66.67	-6.75	443.758	8.00	3003	+	0.00	8400023.91	283635.41	443.22	443.73	0.51	6.75	442.678	-8.00	7.79	443.719	100.00						
-7.03	443.618	-66.67	-6.75	443.803	8.00	3003	+	8.00	8400019.45	283628.77	443.26	443.76	0.49	6.75	442.723	-8.00	7.77	443.747	100.00						
-7.12	443.625	-66.67	-6.75	443.870	8.00	3004	+	0.00	8400012.77	283618.81	443.33	443.69	0.36	6.75	442.790	-8.00	7.56	443.596	100.00						
-7.82	443.265	-66.67	-6.75	443.982	8.00	3005	+	0.00	8400003.12	283601.30	443.44	443.57	0.13	6.75	442.902	-8.00	7.29	443.443	100.00						
-8.27	443.065	-66.67	-6.75	444.081	8.00	3006	+	0.00	8399995.03	283583.01	443.54	443.43	-0.11	6.75	443.001	-8.00	7.06	443.310	100.00						
-8.90	442.719	-66.67	-6.75	444.155	8.00	3007	+	0.00	8399988.56	283564.10	443.62	443.09	-0.52	6.75	443.075	-8.00	7.09	442.846	-66.67						
-9.35	442.469	-66.67	-6.75	444.200	8.00	3007	+	17.67	8399984.23	283546.97	443.66	442.84	-0.82	6.75	443.120	-8.00	7.41	442.677	-66.67						
-9.37	442.436	-66.67	-6.75	444.183	7.68	3008	+	0.00	8399983.75	283544.69	443.67	442.84	-0.83	6.75	443.146	-7.68	7.53	442.624	-66.67						
-9.05	442.486	-66.67	-6.75	444.021	4.92	3009	+	0.00	8399980.51	283524.96	443.69	442.82	-0.87	6.75	443.357	-4.92	8.06	442.487	-66.67						
-8.66	442.559	-66.67	-6.75	443.835	2.16	3010	+	0.00	8399978.33	283505.08	443.69	442.58	-1.11	6.75	443.419	-4.00	8.34	442.361	-66.67						
-8.36	442.601	-66.67	-6.75	443.671	0.00	3010	+	15.67	8399976.98	283489.46	443.67	442.50	-1.17	6.75	443.401	-4.00	8.69	442.108	-66.67						
-8.18	442.673	-66.67	-6.75	443.624	-0.60	3011	+	0.00	8399976.62	283485.15	443.66	442.53	-1.13	6.75	443.394	-4.00	8.59	442.169	-66.67						
-7.62	442.806	-66.67	-6.75	443.387	-3.36	3012	+	0.00	8399974.96	283465.22	443.61	442.56	-1.05	6.75	443.344	-4.00	8.44	442.219	-66.67						
-7.60	442.706	-66.67	-6.75	443.269	-4.00	3013	+	0.00	8399973.29	283445.29	443.54	442.48	-1.06	6.75	443.269	-4.00	8.53	442.082	-66.67						
-7.74	442.511	-66.67	-6.75	443.169	-4.00	3014	+	0.00	8399971.63	283425.36	443.44	442.38	-1.06	6.75	443.169	-4.00	8.14	442.242	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.79	442.464	-66.67	-6.75	443.157	-2.32	3015	+	0.00	8399969.97	283405.43	443.31	442.35	-0.97	6.75	443.044	-4.00	8.29	442.020	-66.67						
-8.18	442.239	-66.67	-6.75	443.193	0.00	3015	+	17.74	8399968.49	283387.75	443.19	442.39	-0.81	6.75	442.923	-4.00	8.05	442.058	-66.67						
-8.20	442.234	-66.67	-6.75	443.197	0.30	3016	+	0.00	8399968.30	283385.50	443.18	442.40	-0.78	6.75	442.907	-4.00	8.14	441.982	-66.67						
-8.16	442.299	-66.67	-6.75	443.237	2.92	3017	+	0.00	8399966.74	283365.56	443.04	442.36	-0.68	6.75	442.770	-4.00	7.68	442.153	-66.67						
-8.16	442.161	-66.67	-6.75	443.100	2.92	3018	+	0.00	8399965.70	283345.59	442.90	442.36	-0.54	6.75	442.633	-4.00	7.68	442.016	-66.67						
-8.11	442.405	-66.67	-6.75	443.308	7.60	3018	+	15.74	8399965.53	283329.85	442.80	442.45	-0.34	6.75	442.282	-7.60	6.99	442.125	-66.67						
-7.97	442.469	-66.67	-6.75	443.279	7.60	3019	+	0.00	8399965.62	283325.59	442.77	442.47	-0.29	6.75	442.253	-7.60	6.77	442.272	100.00						
-7.83	442.420	-66.67	-6.75	443.142	7.60	3020	+	0.00	8399966.83	283305.63	442.63	442.41	-0.22	6.75	442.116	-7.60	7.24	442.603	100.00						
-8.27	441.992	-66.67	-6.75	443.004	7.60	3021	+	0.00	8399969.38	283285.80	442.49	442.21	-0.29	6.75	441.978	-7.60	7.10	442.332	100.00						
-9.09	441.340	-66.67	-6.75	442.901	7.60	3021	+	15.02	8399972.28	283271.06	442.39	441.39	-1.00	6.75	441.875	-7.60	7.04	442.001	100.00						
-9.41	441.096	-66.67	-6.75	442.867	7.60	3022	+	0.00	8399973.24	283266.18	442.35	441.35	-1.00	6.75	441.841	-7.60	6.85	441.776	-66.67						
-9.84	440.668	-66.67	-6.75	442.730	7.60	3023	+	0.00	8399978.40	283246.86	442.22	440.62	-1.60	6.75	441.704	-7.60	7.73	441.052	-66.67						
-10.55	440.063	-66.67	-6.75	442.593	7.60	3024	+	0.00	8399984.83	283227.92	442.08	439.97	-2.11	6.75	441.567	-7.60	9.07	440.022	-66.67						
-11.06	439.619	-66.67	-6.75	442.495	7.60	3024	+	14.29	8399990.19	283214.68	441.98	439.48	-2.50	6.75	441.469	-7.60	9.56	439.598	-66.67						
-11.12	439.504	-66.67	-6.75	442.416	7.01	3025	+	0.00	8399992.51	283209.46	441.94	439.47	-2.47	6.75	441.469	-7.01	9.67	439.525	-66.67						
-11.59	438.939	-66.67	-6.75	442.164	4.96	3026	+	0.00	8400001.26	283191.48	441.83	440.11	-1.72	6.75	441.495	-4.96	10.45	439.028	-66.67						
-11.74	438.635	-66.67	-6.75	441.961	2.90	3027	+	0.00	8400010.67	283173.83	441.77	440.49	-1.27	6.75	441.569	-2.90	11.15	438.636	-66.67						
-11.48	438.710	-66.67	-6.75	441.860	1.64	3027	+	12.29	8400016.60	283163.07	441.75	440.19	-1.56	6.75	441.639	-1.64	11.10	438.742	-66.67						
-11.04	438.949	-66.67	-6.75	441.806	0.84	3028	+	0.00	8400020.33	283156.32	441.75	439.92	-1.83	6.75	441.692	-0.84	11.16	438.754	-66.67						
-10.45	439.231	-66.67	-6.75	441.699	-1.21	3029	+	0.00	8400030.01	283138.82	441.78	439.70	-2.08	6.75	441.863	1.21	10.74	439.200	-66.67						
-10.03	439.482	-66.67	-6.75	441.670	-2.04	3029	+	8.03	8400033.90	283131.79	441.81	439.78	-2.03	6.75	441.945	2.04	10.25	439.614	-66.67						
-9.40	439.873	-66.67	-6.75	441.641	-3.27	3030	+	0.00	8400039.68	283121.31	441.86	440.01	-1.85	6.75	442.082	3.27	9.40	440.317	-66.67						
-8.20	440.642	-66.67	-6.75	441.607	-5.32	3031	+	0.00	8400049.01	283103.62	441.97	440.81	-1.15	6.75	442.326	5.32	8.04	441.463	-66.67						
-6.96	441.783	100.00	-6.75	441.573	-7.38	3032	+	0.00	8400057.49	283085.51	442.07	442.01	-0.06	6.75	442.569	7.38	6.93	442.446	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.25	442.065	100.00	-6.75	441.562	-8.00	3032	+	6.03	8400059.80	283079.94	442.10	442.35	0.25	6.75	442.642	8.00	6.81	442.601	-66.67						
-7.71	442.593	100.00	-6.75	441.635	-8.00	3033	+	0.00	8400064.57	283066.81	442.18	443.01	0.83	6.75	442.715	8.00	6.90	442.862	100.00						
-7.81	442.800	100.00	-6.75	441.740	-8.00	3034	+	0.00	8400070.00	283047.57	442.28	443.13	0.85	6.75	442.820	8.00	7.45	443.522	100.00						
-7.67	442.704	100.00	-6.75	441.783	-8.00	3034	+	8.18	8400071.52	283039.54	442.32	443.10	0.78	6.75	442.863	8.00	7.20	443.312	100.00						
-7.35	442.445	100.00	-6.75	441.845	-8.00	3035	+	0.00	8400073.73	283027.93	442.39	442.70	0.31	6.75	442.925	8.00	6.80	442.979	100.00						
-6.87	442.069	100.00	-6.75	441.949	-8.00	3036	+	0.00	8400075.75	283008.04	442.49	442.25	-0.24	6.75	443.029	8.00	7.71	442.391	-66.67						
-6.90	441.903	-66.67	-6.75	442.003	-8.00	3036	+	10.32	8400076.11	282997.73	442.54	441.93	-0.61	6.75	443.083	8.00	8.15	442.149	-66.67						
-7.29	441.783	-66.67	-6.75	442.144	-6.66	3037	+	0.00	8400076.04	282988.05	442.59	441.83	-0.76	6.75	443.044	6.66	8.51	441.868	-66.67						
-8.26	441.431	-66.67	-6.75	442.435	-3.91	3038	+	0.00	8400074.90	282968.08	442.70	441.63	-1.07	6.75	442.962	3.91	8.43	441.843	-66.67						
-8.70	441.429	-66.67	-6.75	442.726	-1.15	3039	+	0.00	8400072.91	282948.18	442.80	441.55	-1.25	6.75	442.881	1.15	8.41	441.771	-66.67						
-8.90	441.413	-66.67	-6.75	442.847	0.00	3039	+	8.32	8400071.98	282939.92	442.85	441.49	-1.35	6.75	442.847	0.00	8.14	441.917	-66.67						
-8.99	441.521	-66.67	-6.75	443.016	1.61	3040	+	0.00	8400070.67	282928.31	442.91	441.82	-1.09	6.75	442.799	-1.61	8.01	441.958	-66.67						
-9.08	441.754	-66.67	-6.75	443.307	4.37	3041	+	0.00	8400068.79	282908.40	443.01	442.15	-0.86	6.75	442.717	-4.37	7.43	442.264	-66.67						
-9.08	441.858	-66.67	-6.75	443.412	4.37	3042	+	0.00	8400067.85	282888.42	443.12	442.37	-0.75	6.75	442.822	-4.37	7.43	442.368	-66.67						
-8.28	442.671	-66.67	-6.75	443.690	8.00	3042	+	6.32	8400067.84	282882.11	443.15	442.56	-0.59	6.75	442.610	-8.00	7.05	442.410	-66.67						
-7.93	442.978	-66.67	-6.75	443.762	8.00	3043	+	0.00	8400068.42	282868.44	443.22	442.89	-0.33	6.75	442.682	-8.00	7.33	442.296	-66.67						
-7.71	443.228	-66.67	-6.75	443.866	8.00	3044	+	0.00	8400070.73	282848.58	443.33	442.99	-0.33	6.75	442.786	-8.00	6.94	442.660	-66.67						
-7.40	443.540	-66.67	-6.75	443.971	8.00	3045	+	0.00	8400074.75	282828.99	443.43	443.30	-0.13	6.75	442.891	-8.00	6.86	443.003	100.00						
-7.62	443.481	-66.67	-6.75	444.064	8.00	3045	+	17.77	8400079.82	282811.96	443.52	443.46	-0.06	6.75	442.984	-8.00	6.91	443.143	100.00						
-7.64	443.485	-66.67	-6.75	444.075	8.00	3046	+	0.00	8400080.46	282809.83	443.54	443.44	-0.10	6.75	442.995	-8.00	6.89	443.136	100.00						
-7.85	443.447	-66.67	-6.75	444.180	8.00	3047	+	0.00	8400087.81	282791.24	443.64	443.44	-0.20	6.75	443.100	-8.00	7.07	443.424	100.00						
-8.04	443.422	-66.67	-6.75	444.285	8.00	3048	+	0.00	8400096.75	282773.35	443.75	443.43	-0.31	6.75	443.205	-8.00	7.14	443.596	100.00						
-8.87	442.977	-66.67	-6.75	444.389	8.00	3049	+	0.00	8400107.21	282756.31	443.85	442.79	-1.06	6.75	443.309	-8.00	6.95	443.513	100.00						
-9.55	442.571	-66.67	-6.75	444.437	8.00	3049	+	9.23	8400112.52	282748.77	443.90	442.82	-1.08	6.75	443.357	-8.00	6.81	443.320	-66.67						
-9.73	442.506	-66.67	-6.75	444.494	8.00	3050	+	0.00	8400119.09	282740.23	443.95	442.84	-1.12	6.75	443.414	-8.00	7.50	442.913	-66.67						
-10.67	441.989	-66.67	-6.75	444.598	8.00	3051	+	0.00	8400132.08	282725.03	444.06	442.81	-1.25	6.75	443.518	-8.00	8.42	442.408	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-10.75	442.035	-66.67	-6.75	444.703	8.00	3052	+	0.00	8400145.68	282710.36	444.16	442.77	-1.39	6.75	443.623	-8.00	8.61	442.386	-66.67						
-10.34	442.346	-66.67	-6.75	444.741	8.00	3052	+	7.23	8400150.66	282705.12	444.20	442.80	-1.40	6.75	443.661	-8.00	8.42	442.549	-66.67						
-10.29	442.449	-66.67	-6.75	444.808	8.00	3053	+	0.00	8400159.46	282695.87	444.27	442.85	-1.42	6.75	443.728	-8.00	8.22	442.745	-66.67						
-9.89	442.793	-66.67	-6.75	444.889	8.00	3053	+	15.50	8400170.13	282684.63	444.35	443.00	-1.35	6.75	443.809	-8.00	8.17	442.865	-66.67						
-9.71	442.940	-66.67	-6.75	444.912	8.00	3054	+	0.00	8400173.24	282681.37	444.37	443.05	-1.32	6.75	443.832	-8.00	8.12	442.922	-66.67						
-9.09	443.457	-66.67	-6.75	445.017	8.00	3055	+	0.00	8400187.15	282667.00	444.48	443.35	-1.13	6.75	443.937	-8.00	8.05	443.069	-66.67						
-9.00	443.615	-66.67	-6.75	445.111	8.00	3056	+	0.00	8400201.58	282653.16	444.57	443.54	-1.03	6.75	444.031	-8.00	7.80	443.332	-66.67						
-9.05	443.632	-66.67	-6.75	445.163	8.00	3056	+	13.50	8400211.80	282644.34	444.62	443.56	-1.06	6.75	444.083	-8.00	7.70	443.451	-66.67						
-8.86	443.780	-66.67	-6.75	445.185	8.00	3057	+	0.00	8400216.89	282640.30	444.65	443.58	-1.07	6.75	444.105	-8.00	7.52	443.593	-66.67						
-8.96	443.767	-66.67	-6.75	445.239	8.00	3058	+	0.00	8400233.25	282628.80	444.70	443.56	-1.14	6.75	444.159	-8.00	7.70	443.525	-66.67						
-8.83	443.888	-66.67	-6.75	445.272	8.00	3059	+	0.00	8400250.54	282618.76	444.73	443.61	-1.12	6.75	444.192	-8.00	7.43	443.737	-66.67						
-8.84	443.886	-66.67	-6.75	445.276	8.00	3059	+	3.91	8400254.08	282617.10	444.74	443.61	-1.12	6.75	444.196	-8.00	7.50	443.698	-66.67						
-8.95	443.815	-66.67	-6.75	445.284	8.00	3060	+	0.00	8400268.64	282610.27	444.74	443.62	-1.13	6.75	444.204	-8.00	7.57	443.658	-66.67						
-9.32	443.566	-66.67	-6.75	445.276	8.00	3061	+	0.00	8400287.40	282603.37	444.74	443.76	-0.98	6.75	444.196	-8.00	7.59	443.638	-66.67						
-8.92	443.809	-66.67	-6.75	445.258	8.00	3061	+	14.32	8400301.17	282599.45	444.72	443.91	-0.81	6.75	444.178	-8.00	7.28	443.823	-66.67						
-9.08	443.643	-66.67	-6.75	445.195	7.22	3062	+	0.00	8400306.70	282598.13	444.71	443.99	-0.72	6.75	444.221	-7.22	7.32	443.838	-66.67						
-8.20	443.991	-66.67	-6.75	444.960	4.46	3063	+	0.00	8400326.34	282594.39	444.66	444.13	-0.53	6.75	444.358	-4.46	7.48	443.871	-66.67						
-7.81	443.997	-66.67	-6.75	444.704	1.70	3064	+	0.00	8400346.14	282591.59	444.59	444.12	-0.47	6.75	444.320	-4.00	7.14	444.057	-66.67						
-7.32	444.158	-66.67	-6.75	444.537	0.00	3064	+	12.32	8400358.37	282590.09	444.54	444.09	-0.44	6.75	444.267	-4.00	6.86	444.195	-66.67						
-7.34	444.036	-66.67	-6.75	444.429	-1.06	3065	+	0.00	8400366.00	282589.17	444.50	443.98	-0.52	6.75	444.230	-4.00	6.95	444.099	-66.67						
-7.67	443.531	-66.67	-6.75	444.142	-3.82	3066	+	0.00	8400385.85	282586.77	444.40	443.41	-1.00	6.75	444.130	-4.00	7.27	443.784	-66.67						
-7.97	443.216	-66.67	-6.75	444.030	-4.00	3067	+	0.00	8400405.71	282584.38	444.30	443.02	-1.28	6.75	444.030	-4.00	8.10	443.131	-66.67						
-8.01	443.089	-66.67	-6.75	443.930	-4.00	3068	+	0.00	8400425.56	282581.98	444.20	443.01	-1.19	6.75	443.930	-4.00	8.20	442.965	-66.67						
-7.86	443.088	-66.67	-6.75	443.830	-4.00	3069	+	0.00	8400445.42	282579.58	444.10	442.84	-1.26	6.75	443.830	-4.00	8.22	442.850	-66.67						
-7.73	443.078	-66.67	-6.75	443.730	-4.00	3070	+	0.00	8400465.28	282577.18	444.00	442.88	-1.12	6.75	443.730	-4.00	8.30	442.697	-66.67						
-7.65	443.030	-66.67	-6.75	443.630	-4.00	3071	+	0.00	8400485.13	282574.79	443.90	442.90	-1.00	6.75	443.630	-4.00	7.87	442.884	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.71	442.893	-66.67	-6.75	443.530	-4.00	3072	+	0.00	8400504.99	282572.39	443.80	443.03	-0.77	6.75	443.530	-4.00	8.09	442.634	-66.67						
-7.80	442.729	-66.67	-6.75	443.430	-4.00	3073	+	0.00	8400524.84	282569.99	443.70	443.02	-0.68	6.75	443.430	-4.00	7.39	443.004	-66.67						
-7.51	442.822	-66.67	-6.75	443.330	-4.00	3074	+	0.00	8400544.70	282567.59	443.60	442.87	-0.73	6.75	443.330	-4.00	7.34	442.934	-66.67						
-7.31	442.860	-66.67	-6.75	443.230	-4.00	3075	+	0.00	8400564.55	282565.20	443.50	443.03	-0.47	6.75	443.230	-4.00	6.77	443.245	100.00						
-6.84	443.069	-66.67	-6.75	443.130	-4.00	3076	+	0.00	8400584.41	282562.80	443.40	443.28	-0.12	6.75	443.281	-1.76	6.91	443.174	-66.67						
-7.01	443.329	100.00	-6.75	443.066	-4.00	3076	+	12.77	8400597.09	282561.27	443.34	443.31	-0.03	6.75	443.336	0.00	6.97	443.192	-66.67						
-6.87	443.149	100.00	-6.75	443.030	-4.00	3077	+	0.00	8400604.27	282560.40	443.30	443.30	0.00	6.75	443.367	1.00	7.12	443.118	-66.67						
-7.30	442.567	-66.67	-6.75	442.930	-4.00	3078	+	0.00	8400624.09	282557.75	443.20	442.85	-0.35	6.75	443.454	3.76	7.97	442.637	-66.67						
-7.64	442.069	-66.67	-6.75	442.660	-6.51	3079	+	0.00	8400643.79	282554.30	443.10	442.49	-0.62	6.75	443.540	6.51	7.91	442.765	-66.67						
-7.70	441.875	-66.67	-6.75	442.506	-8.00	3079	+	10.77	8400654.29	282551.91	443.05	442.37	-0.68	6.75	443.586	8.00	8.72	442.276	-66.67						
-7.58	441.909	-66.67	-6.75	442.460	-8.00	3080	+	0.00	8400663.19	282549.48	443.00	442.32	-0.68	6.75	443.540	8.00	8.37	442.461	-66.67						
-7.76	441.688	-66.67	-6.75	442.360	-8.00	3081	+	0.00	8400682.11	282543.00	442.90	441.92	-0.98	6.75	443.440	8.00	7.89	442.678	-66.67						
-7.45	441.796	-66.67	-6.75	442.260	-8.00	3082	+	0.00	8400700.39	282534.91	442.80	441.90	-0.90	6.75	443.340	8.00	8.12	442.426	-66.67						
-7.41	441.721	-66.67	-6.75	442.160	-8.00	3083	+	0.00	8400717.90	282525.26	442.70	441.85	-0.85	6.75	443.240	8.00	8.53	442.057	-66.67						
-7.33	441.676	-66.67	-6.75	442.060	-8.00	3084	+	0.00	8400734.50	282514.12	442.60	441.78	-0.82	6.75	443.140	8.00	8.65	441.873	-66.67						
-7.29	441.597	-66.67	-6.75	441.960	-8.00	3085	+	0.00	8400750.08	282501.59	442.50	441.69	-0.81	6.75	443.040	8.00	8.64	441.780	-66.67						
-7.12	441.619	-66.67	-6.75	441.866	-8.00	3085	+	18.76	8400763.61	282488.60	442.41	441.59	-0.82	6.75	442.946	8.00	8.55	441.746	-66.67						
-7.13	441.604	-66.67	-6.75	441.860	-8.00	3086	+	0.00	8400764.51	282487.74	442.40	441.58	-0.82	6.75	442.940	8.00	8.51	441.768	-66.67						
-6.95	441.626	-66.67	-6.75	441.760	-8.00	3087	+	0.00	8400777.68	282472.70	442.30	441.67	-0.63	6.75	442.840	8.00	8.09	441.950	-66.67						
-6.81	441.627	-66.67	-6.75	441.665	-8.00	3088	+	0.00	8400789.49	282456.57	442.21	441.74	-0.46	6.75	442.745	8.00	7.92	441.965	-66.67						
-6.77	441.629	100.00	-6.75	441.605	-8.00	3089	+	0.00	8400799.86	282439.48	442.15	441.86	-0.28	6.75	442.685	8.00	7.72	442.037	-66.67						
-6.83	441.668	100.00	-6.75	441.585	-8.00	3090	+	0.00	8400808.71	282421.55	442.13	441.90	-0.23	6.75	442.665	8.00	8.21	441.695	-66.67						
-6.76	441.596	-66.67	-6.75	441.605	-8.00	3091	+	0.00	8400815.97	282402.92	442.15	442.07	-0.07	6.75	442.685	8.00	8.10	441.789	-66.67						
-6.77	441.681	100.00	-6.75	441.665	-8.00	3092	+	0.00	8400821.58	282383.73	442.21	442.05	-0.16	6.75	442.745	8.00	8.61	441.508	-66.67						
-7.00	441.947	100.00	-6.75	441.694	-8.00	3092	+	6.75	8400823.09	282377.15	442.23	442.06	-0.18	6.75	442.774	8.00	8.38	441.691	-66.67						
-6.78	441.834	-66.67	-6.75	441.857	-6.56	3093	+	0.00	8400825.53	282364.13	442.30	442.05	-0.25	6.75	442.549	3.69	8.07	441.668	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO											
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.74	441.443	-66.67	-6.75	442.103	-4.39	3094	+	0.00	8400828.16	282344.30	442.40	441.94	-0.46	6.75	442.210	-2.82	7.74	441.550	-66.67						
-7.59	441.754	-66.67	-6.75	442.311	-2.80	3095	+	0.00	8400830.05	282324.39	442.50	442.07	-0.43	6.75	442.230	-4.00	7.58	441.676	-66.67						
-7.85	441.643	-66.67	-6.75	442.378	-2.16	3095	+	4.75	8400830.46	282319.66	442.52	442.06	-0.46	6.75	442.254	-4.00	7.84	441.528	-66.67						
-7.76	441.920	-66.67	-6.75	442.592	-0.12	3096	+	0.00	8400831.76	282304.47	442.60	441.99	-0.61	6.75	442.330	-4.00	7.91	441.559	-66.67						
-8.70	441.505	-66.67	-6.75	442.801	1.88	3096	+	14.87	8400833.03	282289.65	442.67	441.95	-0.73	6.75	442.404	-4.00	8.03	441.552	-66.67						
-8.09	441.980	-66.67	-6.75	442.873	2.57	3097	+	0.00	8400833.49	282284.54	442.70	441.96	-0.74	6.75	442.430	-4.00	7.93	441.646	-66.67						
-9.03	441.599	-66.67	-6.75	443.117	4.70	3098	+	0.00	8400835.66	282264.66	442.80	441.93	-0.87	6.75	442.483	-4.70	7.97	441.672	-66.67						
-8.97	441.737	-66.67	-6.75	443.217	4.70	3099	+	0.00	8400838.44	282244.86	442.90	441.94	-0.96	6.75	442.583	-4.70	8.08	441.698	-66.67						
-9.10	441.750	-66.67	-6.75	443.317	4.70	3100	+	0.00	8400841.83	282225.15	443.00	441.85	-1.15	6.75	442.683	-4.70	8.21	441.708	-66.67						
-9.16	441.802	-66.67	-6.75	443.410	4.70	3101	+	0.00	8400845.83	282205.55	443.09	441.79	-1.31	6.75	442.775	-4.70	8.45	441.640	-66.67						
-9.39	441.691	-66.67	-6.75	443.453	4.70	3101	+	11.34	8400848.43	282194.51	443.14	441.75	-1.38	6.75	442.818	-4.70	8.75	441.485	-66.67						
-9.64	441.559	-66.67	-6.75	443.482	4.70	3102	+	0.00	8400850.42	282186.09	443.17	441.72	-1.44	6.75	442.847	-4.70	9.07	441.302	-66.67						
-9.50	441.703	-66.67	-6.75	443.534	4.70	3103	+	0.00	8400855.61	282166.77	443.22	441.76	-1.46	6.75	442.899	-4.70	9.16	441.294	-66.67						
-9.62	441.656	-66.67	-6.75	443.566	4.70	3104	+	0.00	8400861.40	282147.63	443.25	441.82	-1.43	6.75	442.931	-4.70	9.10	441.367	-66.67						
-9.65	441.642	-66.67	-6.75	443.578	4.70	3105	+	0.00	8400867.76	282128.67	443.26	441.83	-1.43	6.75	442.943	-4.70	8.75	441.610	-66.67						
-9.39	441.690	-66.67	-6.75	443.450	2.93	3106	+	0.00	8400874.71	282109.92	443.25	441.82	-1.43	6.75	442.982	-4.00	9.04	441.454	-66.67						
-9.12	441.793	-66.67	-6.75	443.370	1.88	3106	+	7.82	8400877.59	282102.65	443.24	441.79	-1.46	6.75	442.973	-4.00	9.34	441.247	-66.67						
-8.48	442.088	-66.67	-6.75	443.240	0.24	3107	+	0.00	8400882.13	282091.34	443.22	441.82	-1.41	6.75	442.953	-4.00	9.34	441.225	-66.67						
-8.58	441.787	-66.67	-6.75	443.010	-2.44	3108	+	0.00	8400889.59	282072.79	443.18	441.85	-1.32	6.75	442.905	-4.00	9.31	441.201	-66.67						
-7.75	442.170	-66.67	-6.75	442.836	-4.00	3109	+	0.00	8400897.06	282054.23	443.11	441.96	-1.14	6.75	442.836	-4.00	8.05	441.972	-66.67						
-8.17	441.797	-66.67	-6.75	442.747	-4.00	3110	+	0.00	8400904.52	282035.67	443.02	441.98	-1.04	6.75	442.747	-4.00	8.18	441.795	-66.67						
-8.26	441.639	-66.67	-6.75	442.645	-4.00	3111	+	0.00	8400911.98	282017.12	442.92	441.89	-1.03	6.75	442.645	-4.00	7.88	441.890	-66.67						
-7.71	441.906	-66.67	-6.75	442.543	-4.00	3112	+	0.00	8400919.44	281998.56	442.81	441.88	-0.93	6.75	442.543	-4.00	8.11	441.637	-66.67						
-7.76	441.767	-66.67	-6.75	442.442	-4.00	3113	+	0.00	8400926.90	281980.01	442.71	441.72	-0.99	6.75	442.442	-4.00	8.33	441.385	-66.67						
-7.98	441.518	-66.67	-6.75	442.340	-4.00	3114	+	0.00	8400934.36	281961.45	442.61	441.67	-0.94	6.75	442.340	-4.00	7.92	441.558	-66.67						
-8.12	441.327	-66.67	-6.75	442.238	-4.00	3115	+	0.00	8400941.82	281942.89	442.51	441.70	-0.81	6.75	442.238	-4.00	8.02	441.394	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.84	441.412	-66.67	-6.75	442.137	-4.00	3116	+	0.00	8400949.28	281924.34	442.41	441.70	-0.71	6.75	442.137	-4.00	7.67	441.522	-66.67						
-7.59	441.478	-66.67	-6.75	442.035	-4.00	3117	+	0.00	8400956.75	281905.78	442.31	441.65	-0.66	6.75	442.035	-4.00	7.55	441.503	-66.67						
-7.66	441.337	-66.67	-6.75	441.945	-4.00	3118	+	0.00	8400964.21	281887.23	442.22	441.68	-0.53	6.75	441.945	-4.00	7.29	441.584	-66.67						
-7.47	441.456	-66.67	-6.75	441.939	-4.00	3119	+	0.00	8400971.67	281868.67	442.21	441.66	-0.55	6.75	441.939	-4.00	7.29	441.576	-66.67						
-7.32	441.650	-66.67	-6.75	442.027	-4.00	3120	+	0.00	8400979.13	281850.11	442.30	441.75	-0.55	6.75	442.027	-4.00	7.51	441.519	-66.67						
-7.08	441.992	-66.67	-6.75	442.210	-4.00	3121	+	0.00	8400986.59	281831.56	442.48	441.96	-0.52	6.75	442.210	-4.00	7.25	441.878	-66.67						
-6.94	442.365	-66.67	-6.75	442.489	-4.00	3122	+	0.00	8400994.05	281813.00	442.76	442.17	-0.59	6.75	442.489	-4.00	7.09	442.260	-66.67						
-6.76	442.841	-66.67	-6.75	442.850	-4.00	3123	+	0.00	8401001.51	281794.45	443.12	442.56	-0.56	6.75	442.850	-4.00	6.82	442.801	-66.67						
-6.95	443.419	100.00	-6.75	443.221	-4.00	3124	+	0.00	8401008.98	281775.89	443.49	443.06	-0.43	6.75	443.221	-4.00	6.91	443.382	100.00						
-7.03	443.806	100.00	-6.75	443.526	-4.00	3125	+	0.00	8401016.44	281757.33	443.80	443.51	-0.29	6.75	443.526	-4.00	7.05	443.826	100.00						
-7.07	444.060	100.00	-6.75	443.741	-4.00	3126	+	0.00	8401023.90	281738.78	444.01	444.05	0.04	6.75	443.741	-4.00	7.20	444.190	100.00						
-6.96	444.071	100.00	-6.75	443.865	-4.00	3127	+	0.00	8401031.36	281720.22	444.14	444.17	0.04	6.75	443.865	-4.00	7.31	444.422	100.00						
-6.84	443.989	100.00	-6.75	443.898	-4.00	3128	+	0.00	8401038.82	281701.67	444.17	444.05	-0.12	6.75	443.923	-3.62	7.05	444.218	100.00						
-6.85	443.945	100.00	-6.75	443.840	-4.00	3129	+	0.00	8401046.28	281683.11	444.11	443.85	-0.26	6.75	444.050	-0.90	6.88	443.960	-66.67						
-6.91	443.586	-66.67	-6.75	443.695	-4.00	3129	+	19.78	8401053.66	281664.76	443.97	443.63	-0.33	6.75	444.086	1.80	7.34	443.690	-66.67						
-6.91	443.584	-66.67	-6.75	443.692	-4.00	3130	+	0.00	8401053.74	281664.55	443.96	443.63	-0.33	6.75	444.086	1.83	7.35	443.686	-66.67						
-6.90	443.320	-66.67	-6.75	443.420	-4.50	3131	+	0.00	8401060.93	281645.89	443.72	443.44	-0.29	6.75	444.028	4.50	7.39	443.601	-66.67						
-6.78	443.142	100.00	-6.75	443.116	-4.50	3132	+	0.00	8401067.59	281627.03	443.42	443.14	-0.28	6.75	443.724	4.50	7.47	443.243	-66.67						
-7.01	443.077	100.00	-6.75	442.820	-4.50	3133	+	0.00	8401073.70	281607.99	443.12	442.87	-0.25	6.75	443.427	4.50	7.35	443.026	-66.67						
-7.01	442.851	100.00	-6.75	442.594	-4.50	3134	+	0.00	8401079.26	281588.78	442.90	442.70	-0.20	6.75	443.202	4.50	7.80	442.500	-66.67						
-6.84	442.565	100.00	-6.75	442.474	-4.50	3134	+	15.74	8401083.21	281573.54	442.78	442.56	-0.22	6.75	443.082	4.50	7.75	442.412	-66.67						
-6.83	442.534	100.00	-6.75	442.450	-4.50	3135	+	0.00	8401084.28	281569.42	442.75	442.56	-0.20	6.75	443.058	4.50	7.53	442.537	-66.67						
-6.87	442.505	100.00	-6.75	442.388	-4.50	3136	+	0.00	8401088.74	281549.92	442.69	442.49	-0.20	6.75	442.995	4.50	7.89	442.235	-66.67						
-6.87	442.521	100.00	-6.75	442.406	-4.50	3137	+	0.00	8401092.64	281530.31	442.71	442.43	-0.28	6.75	443.014	4.50	7.89	442.251	-66.67						
-7.21	442.187	-66.67	-6.75	442.496	-4.50	3138	+	0.00	8401095.98	281510.59	442.80	442.49	-0.31	6.75	443.104	4.50	7.98	442.282	-66.67						
-6.77	442.614	-66.67	-6.75	442.630	-4.00	3139	+	0.00	8401098.75	281490.78	442.90	442.53	-0.37	6.75	443.129	3.40	8.17	442.183	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.13	442.435	-66.67	-6.75	442.688	-4.00	3139	+	11.70	8401100.11	281479.16	442.96	442.54	-0.42	6.75	443.080	1.80	8.00	442.247	-66.67						
-7.13	442.478	-66.67	-6.75	442.730	-4.00	3140	+	0.00	8401101.01	281470.91	443.00	442.55	-0.45	6.75	443.045	0.67	7.76	442.371	-66.67						
-7.07	442.614	-66.67	-6.75	442.830	-4.00	3141	+	0.00	8401103.17	281451.03	443.10	442.38	-0.72	6.75	442.961	-2.06	8.08	442.077	-66.67						
-7.75	442.261	-66.67	-6.75	442.930	-4.00	3142	+	0.00	8401105.32	281431.14	443.20	442.00	-1.20	6.75	442.930	-4.00	8.51	441.760	-66.67						
-8.44	441.902	-66.67	-6.75	443.030	-4.00	3143	+	0.00	8401107.48	281411.26	443.30	441.79	-1.51	6.75	443.030	-4.00	8.98	441.543	-66.67						
-8.98	441.647	-66.67	-6.75	443.130	-4.00	3144	+	0.00	8401109.64	281391.38	443.40	441.66	-1.75	6.75	443.130	-4.00	9.30	441.431	-66.67						
-9.29	441.538	-66.67	-6.75	443.230	-4.00	3145	+	0.00	8401111.80	281371.49	443.50	441.65	-1.85	6.75	443.230	-4.00	9.46	441.423	-66.67						
-9.52	441.486	-66.67	-6.75	443.330	-4.00	3146	+	0.00	8401113.96	281351.61	443.60	441.63	-1.98	6.75	443.330	-4.00	9.61	441.426	-66.67						
-9.67	441.483	-66.67	-6.75	443.430	-4.00	3147	+	0.00	8401116.12	281331.73	443.70	441.64	-2.06	6.75	443.430	-4.00	10.14	441.171	-66.67						
-9.48	441.708	-66.67	-6.75	443.530	-4.00	3148	+	0.00	8401118.28	281311.85	443.80	441.64	-2.16	6.75	443.530	-4.00	9.93	441.410	-66.67						
-9.62	441.715	-66.67	-6.75	443.630	-4.00	3149	+	0.00	8401120.44	281291.96	443.90	441.70	-2.20	6.75	443.630	-4.00	10.25	441.296	-66.67						
-9.24	442.069	-66.67	-6.75	443.730	-4.00	3150	+	0.00	8401122.59	281272.08	444.00	441.83	-2.18	6.75	443.730	-4.00	10.35	441.328	-66.67						
-8.94	442.360	-66.67	-6.75	443.820	-4.00	3151	+	0.00	8401124.75	281252.20	444.09	442.00	-2.09	6.75	443.820	-4.00	10.40	441.389	-66.67						
-8.35	442.824	-66.67	-6.75	443.889	-4.00	3152	+	0.00	8401126.91	281232.31	444.16	442.31	-1.84	6.75	443.889	-4.00	10.07	441.676	-66.67						
-7.81	443.233	-66.67	-6.75	443.938	-4.00	3153	+	0.00	8401129.07	281212.43	444.21	442.52	-1.69	6.75	443.938	-4.00	9.99	441.780	-66.67						
-8.34	442.905	-66.67	-6.75	443.966	-4.00	3154	+	0.00	8401131.23	281192.55	444.24	442.71	-1.53	6.75	443.966	-4.00	9.70	441.998	-66.67						
-7.96	443.166	-66.67	-6.75	443.974	-4.00	3155	+	0.00	8401133.39	281172.66	444.24	442.47	-1.77	6.75	443.974	-4.00	10.22	441.663	-66.67						
-8.91	442.522	-66.67	-6.75	443.962	-4.00	3156	+	0.00	8401135.55	281152.78	444.23	441.81	-2.42	6.75	443.962	-4.00	10.76	441.291	-66.67						
-9.33	442.207	-66.67	-6.75	443.929	-4.00	3157	+	0.00	8401137.71	281132.90	444.20	441.81	-2.39	6.75	443.929	-4.00	10.58	441.379	-66.67						
-9.17	442.265	-66.67	-6.75	443.875	-4.00	3158	+	0.00	8401139.86	281113.01	444.15	441.91	-2.24	6.75	443.875	-4.00	10.69	441.252	-66.67						
-8.30	442.768	-66.67	-6.75	443.801	-4.00	3159	+	0.00	8401142.02	281093.13	444.07	441.95	-2.12	6.75	443.801	-4.00	10.47	441.321	-66.67						
-8.25	442.709	-66.67	-6.75	443.707	-4.00	3160	+	0.00	8401144.18	281073.25	443.98	441.95	-2.02	6.75	443.707	-4.00	11.04	440.847	-66.67						
-8.25	442.644	-66.67	-6.75	443.640	-4.00	3160	+	12.77	8401145.56	281060.56	443.91	442.00	-1.91	6.75	443.640	-4.00	10.41	441.203	-66.67						
-8.35	442.536	-66.67	-6.75	443.603	-4.00	3161	+	0.00	8401146.35	281053.36	443.87	442.18	-1.69	6.75	443.603	-4.00	9.45	441.804	-66.67						
-7.69	442.932	-66.67	-6.75	443.560	-4.00	3161	+	8.17	8401147.27	281045.24	443.83	442.40	-1.44	6.75	443.560	-4.00	9.35	441.825	-66.67						
-7.44	443.036	-66.67	-6.75	443.498	-4.00	3162	+	0.00	8401148.61	281033.49	443.77	442.87	-0.90	6.75	443.498	-4.00	10.58	440.943	-66.67						

MODELO 1.0 - NOTA DE SERVIÇO																								
LADO ESQUERDO						EIXO EXISTENTE								LADO DIREITO										
Offset			Bordo Pista			Estaca			Coordenadas		Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Pista			Offset			Banqueta			Offset		
afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl	Incl. (%)				Norte	Este				afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)	afast. (m)	cota terrapl.	Incl. (%)
Nota de Serviço - Rodovia GO-236																								
-7.20	443.178	-66.67	-6.75	443.479	-4.00	3162	+	3.58	8401149.03	281029.94	443.75	443.00	-0.75	6.75	443.479	-4.00	9.38	441.723	-66.67						
-7.32	443.965	100.00	-6.75	443.393	-4.00	3163	+	0.00	8401150.96	281013.63	443.66	443.39	-0.28	6.75	443.393	-4.00	9.44	441.600	-66.67						
-7.10	443.638	100.00	-6.75	443.289	-4.00	3164	+	0.00	8401153.30	280993.77	443.56	443.35	-0.21	6.75	443.289	-4.00	7.63	442.705	-66.67						
-6.88	443.317	100.00	-6.75	443.184	-4.00	3165	+	0.00	8401155.65	280973.91	443.45	443.06	-0.39	6.75	443.184	-4.00	9.58	441.299	-66.67						
-6.92	443.249	100.00	-6.75	443.080	-4.00	3166	+	0.00	8401158.00	280954.05	443.35	442.94	-0.41	6.75	443.080	-4.00	8.02	442.236	-66.67						
-6.81	443.036	100.00	-6.75	442.975	-4.00	3167	+	0.00	8401160.35	280934.18	443.25	442.83	-0.42	6.75	442.975	-4.00	9.26	441.303	-66.67						
-6.84	442.962	100.00	-6.75	442.871	-4.00	3168	+	0.00	8401162.69	280914.32	443.14	442.91	-0.23	6.75	442.871	-4.00	7.87	442.124	-66.67						
-6.77	442.802	100.00	-6.75	442.778	-4.00	3168	+	17.66	8401164.77	280896.79	443.05	443.02	-0.03	6.75	442.778	-4.00	7.90	442.010	-66.67						

V. CUBAÇÃO

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
5	+	0.00	2.04	1.37	0.00	0.00	0.00	0.00	0.03	1.34	0.00	0.00	0.00	0.00
6	+	0.00	1.34	3.34	33.74	47.01	33.74	47.01	0.16	3.18	1.84	45.17	1.84	45.17
7	+	0.00	0.85	4.06	21.89	73.99	55.63	121.00	0.22	3.84	3.80	70.19	5.64	115.36
8	+	0.00	0.82	3.23	16.68	72.98	72.31	193.98	0.31	2.92	5.35	67.63	10.99	182.99
9	+	0.00	0.20	4.93	10.22	81.67	82.53	275.65	0.34	4.59	6.48	75.19	17.47	258.18
10	+	0.00	0.00	6.95	2.05	118.89	84.58	394.54	1.53	5.42	18.65	100.24	36.12	358.42
11	+	0.00	0.00	6.60	0.00	135.47	84.58	530.01	1.20	5.40	27.26	108.21	63.38	466.63
12	+	0.00	0.49	0.98	4.92	75.81	89.50	605.82	0.04	0.94	12.39	63.42	75.77	530.05
13	+	0.00	0.19	2.47	6.84	34.52	96.34	640.34	0.01	2.46	0.49	34.03	76.26	564.08
14	+	0.00	0.01	5.77	1.98	82.32	98.32	722.66	0.49	5.28	4.95	77.37	81.21	641.45
15	+	0.00	0.06	6.10	0.70	118.71	99.02	841.37	0.48	5.62	9.65	109.06	90.86	750.51
16	+	0.00	0.01	4.22	0.70	103.30	99.72	944.67	0.22	4.00	7.03	96.27	97.89	846.78
17	+	0.00	0.00	7.53	0.06	117.60	99.78	1 062.27	1.87	5.66	20.98	96.62	118.87	943.40
18	+	0.00	0.01	3.99	0.12	115.30	99.90	1 177.57	0.42	3.57	22.95	92.35	141.82	1 035.75
19	+	0.00	0.30	1.46	3.08	54.49	102.98	1 232.06	0.00	1.46	4.22	50.27	146.04	1 086.02
20	+	0.00	0.77	0.80	10.70	22.55	113.68	1 254.61	0.00	0.80	0.00	22.55	146.04	1 108.57
21	+	0.00	0.42	2.87	11.97	36.70	125.65	1 291.31	0.00	2.87	0.01	36.69	146.05	1 145.26
22	+	0.00	0.03	2.47	4.53	53.37	130.18	1 344.68	0.02	2.45	0.18	53.19	146.23	1 198.45
23	+	0.00	0.13	3.21	1.63	56.86	131.81	1 401.54	0.06	3.15	0.79	56.07	147.02	1 254.52
24	+	0.00	0.00	3.76	1.33	69.82	133.14	1 471.36	0.04	3.72	1.06	68.76	148.08	1 323.28
25	+	0.00	0.00	3.92	0.00	76.80	133.14	1 548.16	0.09	3.83	1.33	75.47	149.41	1 398.75
26	+	0.00	0.00	4.17	0.00	80.89	133.14	1 629.05	0.06	4.11	1.51	79.38	150.92	1 478.13
27	+	0.00	0.00	6.41	0.00	105.84	133.14	1 734.89	0.40	6.01	4.65	101.19	155.57	1 579.32
28	+	0.00	0.00	4.44	0.00	108.54	133.14	1 843.43	0.07	4.37	4.70	103.84	160.27	1 683.16
29	+	0.00	0.00	6.47	0.00	109.04	133.14	1 952.47	0.19	6.28	2.54	106.50	162.81	1 789.66

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
30	+	0.00	0.00	9.10	0.00	155.54	133.14	2 108.01	1.25	7.85	14.32	141.22	177.13	1 930.88
31	+	0.00	0.00	10.66	0.00	197.58	133.14	2 305.59	2.57	8.09	38.17	159.41	215.30	2 090.29
31	+	15.66	0.00	13.80	0.00	191.54	133.14	2 497.13	5.70	8.10	64.78	126.76	280.08	2 217.05
32	+	0.00	0.00	14.37	0.00	61.21	133.14	2 558.34	6.27	8.10	26.02	35.19	306.10	2 252.24
33	+	0.00	0.00	18.78	0.00	331.63	133.14	2 889.97	5.29	13.49	115.70	215.93	421.80	2 468.17
34	+	0.00	0.00	22.91	0.00	417.60	133.14	3 307.57	9.41	13.50	147.67	269.93	569.47	2 738.10
34	+	13.66	0.00	27.26	0.00	343.58	133.14	3 651.15	13.76	13.50	159.23	184.35	728.70	2 922.45
35	+	0.00	0.00	28.36	0.00	176.42	133.14	3 827.57	14.86	13.50	90.77	85.65	819.47	3 008.10
35	+	8.48	0.00	29.10	0.00	244.41	133.14	4 071.98	15.60	13.50	130.00	114.41	949.47	3 122.51
36	+	0.00	0.00	28.88	0.00	335.30	133.14	4 407.28	15.38	13.50	179.71	155.59	1 129.18	3 278.10
36	+	3.30	0.00	29.08	0.00	95.47	133.14	4 502.75	15.58	13.50	50.99	44.48	1 180.17	3 322.58
37	+	0.00	0.00	32.71	0.00	517.64	133.14	5 020.39	19.21	13.50	292.12	225.52	1 472.29	3 548.10
38	+	0.00	0.00	32.70	0.00	655.00	133.14	5 675.39	19.20	13.50	385.00	270.00	1 857.29	3 818.10
39	+	0.00	0.00	32.84	0.00	655.37	133.14	6 330.76	19.34	13.50	385.37	270.00	2 242.66	4 088.10
39	+	1.29	0.00	32.48	0.00	42.27	133.14	6 373.03	18.98	13.50	24.80	17.47	2 267.46	4 105.57
40	+	0.00	0.00	31.87	0.00	601.80	133.14	6 974.83	18.37	13.50	349.27	252.53	2 616.73	4 358.10
41	+	0.00	0.00	30.56	0.00	624.27	133.14	7 599.10	17.06	13.50	354.27	270.00	2 971.00	4 628.10
42	+	0.00	0.00	32.02	0.00	625.79	133.14	8 224.89	18.52	13.50	355.79	270.00	3 326.79	4 898.10
43	+	0.00	0.00	30.21	0.00	622.26	133.14	8 847.15	16.71	13.50	352.26	270.00	3 679.05	5 168.10
44	+	0.00	0.00	28.72	0.00	589.31	133.14	9 436.46	15.22	13.50	319.31	270.00	3 998.36	5 438.10
45	+	0.00	0.00	25.50	0.00	542.28	133.14	9 978.74	12.00	13.50	272.28	270.00	4 270.64	5 708.10
46	+	0.00	0.00	24.33	0.00	498.29	133.14	10 477.03	10.83	13.50	228.29	270.00	4 498.93	5 978.10
47	+	0.00	0.00	24.01	0.00	483.35	133.14	10 960.38	10.51	13.50	213.35	270.00	4 712.28	6 248.10
48	+	0.00	0.00	22.50	0.00	465.08	133.14	11 425.46	9.00	13.50	195.08	270.00	4 907.36	6 518.10
49	+	0.00	0.00	20.26	0.00	427.63	133.14	11 853.09	6.76	13.50	157.63	270.00	5 064.99	6 788.10

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
50	+	0.00	0.00	18.81	0.00	390.72	133.14	12 243.81	5.31	13.50	120.72	270.00	5 185.71	7 058.10
51	+	0.00	0.00	17.78	0.00	365.91	133.14	12 609.72	4.28	13.50	95.91	270.00	5 281.62	7 328.10
52	+	0.00	0.00	17.14	0.00	349.18	133.14	12 958.90	3.64	13.50	79.18	270.00	5 360.80	7 598.10
53	+	0.00	0.00	15.89	0.00	330.25	133.14	13 289.15	2.57	13.32	62.06	268.19	5 422.86	7 866.29
54	+	0.00	0.00	14.42	0.00	303.07	133.14	13 592.22	1.54	12.88	41.11	261.96	5 463.97	8 128.25
55	+	0.00	0.00	14.64	0.00	290.49	133.14	13 882.71	1.81	12.83	33.46	257.03	5 497.43	8 385.28
56	+	0.00	0.00	15.16	0.00	297.91	133.14	14 180.62	2.31	12.85	41.20	256.71	5 538.63	8 641.99
57	+	0.00	0.00	18.02	0.00	331.76	133.14	14 512.38	4.52	13.50	68.31	263.45	5 606.94	8 905.44
58	+	0.00	0.00	21.19	0.00	392.01	133.14	14 904.39	7.71	13.48	122.24	269.77	5 729.18	9 175.21
59	+	0.00	0.00	24.48	0.00	456.65	133.14	15 361.04	10.98	13.50	186.88	269.77	5 916.06	9 444.98
60	+	0.00	0.00	27.80	0.00	522.85	133.14	15 883.89	14.30	13.50	252.85	270.00	6 168.91	9 714.98
61	+	0.00	0.00	27.73	0.00	555.36	133.14	16 439.25	14.24	13.49	285.42	269.94	6 454.33	9 984.92
62	+	0.00	0.00	21.41	0.00	491.43	133.14	16 930.68	8.00	13.41	222.35	269.08	6 676.68	10 254.00
63	+	0.00	0.00	19.05	0.00	404.63	133.14	17 335.31	5.72	13.33	137.18	267.45	6 813.86	10 521.45
64	+	0.00	0.00	18.31	0.00	373.65	133.14	17 708.96	5.09	13.22	108.11	265.54	6 921.97	10 786.99
65	+	0.00	0.00	16.16	0.00	344.76	133.14	18 053.72	3.10	13.06	81.94	262.82	7 003.91	11 049.81
66	+	0.00	0.00	16.56	0.00	327.28	133.14	18 381.00	3.53	13.03	66.37	260.91	7 070.28	11 310.72
67	+	0.00	0.00	16.79	0.00	333.54	133.14	18 714.54	3.59	13.20	71.23	262.31	7 141.51	11 573.03
68	+	0.00	0.00	15.64	0.00	324.32	133.14	19 038.86	2.65	12.99	62.41	261.91	7 203.92	11 834.94
69	+	0.00	0.00	14.78	0.00	304.23	133.14	19 343.09	1.94	12.84	45.94	258.29	7 249.86	12 093.23
70	+	0.00	0.00	14.63	0.00	294.17	133.14	19 637.26	2.06	12.57	40.07	254.10	7 289.93	12 347.33
71	+	0.00	0.00	14.88	0.00	295.21	133.14	19 932.47	2.11	12.77	41.75	253.46	7 331.68	12 600.79
72	+	0.00	0.00	12.88	0.00	277.67	133.14	20 210.14	1.04	11.84	31.54	246.13	7 363.22	12 846.92
73	+	0.00	0.00	13.40	0.00	262.90	133.14	20 473.04	1.30	12.10	23.48	239.42	7 386.70	13 086.34
74	+	0.00	0.00	12.17	0.00	255.74	133.14	20 728.78	0.86	11.31	21.61	234.13	7 408.31	13 320.47

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
75	+	0.00	0.00	12.36	0.00	245.25	133.14	20 974.03	1.02	11.34	18.79	226.46	7 427.10	13 546.93
76	+	0.00	0.00	10.61	0.00	229.71	133.14	21 203.74	2.64	7.97	36.65	193.06	7 463.75	13 739.99
77	+	0.00	0.00	9.13	0.00	197.41	133.14	21 401.15	1.32	7.81	39.65	157.76	7 503.40	13 897.75
78	+	0.00	0.00	11.14	0.00	202.68	133.14	21 603.83	3.27	7.87	45.95	156.73	7 549.35	14 054.48
79	+	0.00	0.00	10.93	0.00	220.70	133.14	21 824.53	3.39	7.54	66.62	154.08	7 615.97	14 208.56
80	+	0.00	0.00	10.60	0.00	215.31	133.14	22 039.84	3.09	7.51	64.76	150.55	7 680.73	14 359.11
81	+	0.00	0.00	8.85	0.00	194.55	133.14	22 234.39	1.31	7.54	44.00	150.55	7 724.73	14 509.66
82	+	0.00	0.00	7.67	0.00	165.23	133.14	22 399.62	0.42	7.25	17.30	147.93	7 742.03	14 657.59
83	+	0.00	0.00	7.06	0.00	147.34	133.14	22 546.96	0.43	6.63	8.48	138.86	7 750.51	14 796.45
84	+	0.00	0.00	6.22	0.00	132.89	133.14	22 679.85	0.29	5.93	7.21	125.68	7 757.72	14 922.13
85	+	0.00	0.00	5.23	0.00	114.57	133.14	22 794.42	0.15	5.08	4.39	110.18	7 762.11	15 032.31
86	+	0.00	0.00	3.57	0.03	88.03	133.17	22 882.45	0.06	3.51	2.10	85.93	7 764.21	15 118.24
87	+	0.00	0.00	2.66	0.03	62.26	133.20	22 944.71	0.07	2.59	1.31	60.95	7 765.52	15 179.19
88	+	0.00	0.00	1.82	0.00	44.72	133.20	22 989.43	0.06	1.76	1.26	43.46	7 766.78	15 222.65
89	+	0.00	0.06	2.05	0.57	38.63	133.77	23 028.06	0.04	2.01	0.97	37.66	7 767.75	15 260.31
90	+	0.00	0.27	2.22	3.25	42.73	137.02	23 070.79	0.16	2.06	2.03	40.70	7 769.78	15 301.01
91	+	0.00	0.00	3.73	2.68	59.50	139.70	23 130.29	0.30	3.43	4.61	54.89	7 774.39	15 355.90
92	+	0.00	0.00	3.54	0.00	72.63	139.70	23 202.92	0.11	3.43	4.11	68.52	7 778.50	15 424.42
93	+	0.00	0.00	4.04	0.00	75.84	139.70	23 278.76	0.09	3.95	2.04	73.80	7 780.54	15 498.22
94	+	0.00	0.00	4.69	0.00	87.35	139.70	23 366.11	0.14	4.55	2.29	85.06	7 782.83	15 583.28
94	+	3.68	0.00	4.97	0.00	17.74	139.70	23 383.85	0.13	4.84	0.49	17.25	7 783.32	15 600.53
95	+	0.00	0.00	4.04	0.00	73.47	139.70	23 457.32	0.13	3.91	2.10	71.37	7 785.42	15 671.90
96	+	0.00	0.00	4.10	0.00	81.34	139.70	23 538.66	0.11	3.99	2.35	78.99	7 787.77	15 750.89
97	+	0.00	0.00	3.86	0.00	79.60	139.70	23 618.26	0.09	3.77	1.94	77.66	7 789.71	15 828.55
98	+	0.00	0.00	5.38	0.00	92.35	139.70	23 710.61	0.23	5.15	3.14	89.21	7 792.85	15 917.76

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
98	+	3.24	0.00	5.24	0.00	17.17	139.70	23 727.78	0.20	5.04	0.68	16.49	7 793.53	15 934.25
99	+	0.00	0.00	7.33	0.00	105.25	139.70	23 833.03	0.41	6.92	5.04	100.21	7 798.57	16 034.46
100	+	0.00	0.00	9.08	0.00	164.07	139.70	23 997.10	1.11	7.97	15.13	148.94	7 813.70	16 183.40
101	+	0.00	0.00	8.93	0.00	180.15	139.70	24 177.25	1.02	7.91	21.29	158.86	7 834.99	16 342.26
102	+	0.00	0.00	8.94	0.00	178.75	139.70	24 356.00	1.08	7.86	20.99	157.76	7 855.98	16 500.02
102	+	2.80	0.00	9.31	0.00	25.57	139.70	24 381.57	1.38	7.93	3.44	22.13	7 859.42	16 522.15
103	+	0.00	0.00	7.36	0.00	143.26	139.70	24 524.83	0.37	6.99	15.00	128.26	7 874.42	16 650.41
104	+	0.00	0.00	8.89	0.00	162.44	139.70	24 687.27	0.95	7.94	13.20	149.24	7 887.62	16 799.65
105	+	0.00	0.00	10.81	0.00	196.96	139.70	24 884.23	2.73	8.08	36.81	160.15	7 924.43	16 959.80
106	+	0.00	0.00	14.80	0.00	256.09	139.70	25 140.32	1.83	12.97	45.57	210.52	7 970.00	17 170.32
107	+	0.00	0.00	16.72	0.00	315.25	139.70	25 455.57	3.22	13.50	50.51	264.74	8 020.51	17 435.06
108	+	0.00	0.00	18.93	0.00	356.46	139.70	25 812.03	5.43	13.50	86.46	270.00	8 106.97	17 705.06
109	+	0.00	0.00	21.72	0.00	406.41	139.70	26 218.44	8.22	13.50	136.41	270.00	8 243.38	17 975.06
110	+	0.00	0.00	24.62	0.00	463.33	139.70	26 681.77	11.12	13.50	193.33	270.00	8 436.71	18 245.06
111	+	0.00	0.00	27.86	0.00	524.80	139.70	27 206.57	14.36	13.50	254.80	270.00	8 691.51	18 515.06
112	+	0.00	0.00	27.71	0.00	555.73	139.70	27 762.30	14.21	13.50	285.73	270.00	8 977.24	18 785.06
113	+	0.00	0.00	29.76	0.00	574.67	139.70	28 336.97	16.26	13.50	304.67	270.00	9 281.91	19 055.06
114	+	0.00	0.00	32.25	0.00	620.03	139.70	28 957.00	18.75	13.50	350.03	270.00	9 631.94	19 325.06
115	+	0.00	0.00	32.56	0.00	648.02	139.70	29 605.02	19.06	13.50	378.02	270.00	10 009.96	19 595.06
116	+	0.00	0.00	30.75	0.00	633.01	139.70	30 238.03	17.25	13.50	363.01	270.00	10 372.97	19 865.06
117	+	0.00	0.00	28.95	0.00	596.94	139.70	30 834.97	15.45	13.50	326.94	270.00	10 699.91	20 135.06
118	+	0.00	0.00	26.62	0.00	555.67	139.70	31 390.64	13.12	13.50	285.67	270.00	10 985.58	20 405.06
119	+	0.00	0.00	24.71	0.00	513.24	139.70	31 903.88	11.21	13.50	243.24	270.00	11 228.82	20 675.06
120	+	0.00	0.00	20.93	0.00	456.37	139.70	32 360.25	7.43	13.50	186.37	270.00	11 415.19	20 945.06
121	+	0.00	0.00	16.14	0.00	370.77	139.70	32 731.02	2.89	13.25	103.25	267.52	11 518.44	21 212.58

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
122	+	0.00	0.00	12.88	0.00	290.22	139.70	33 021.24	4.78	8.10	76.70	213.52	11 595.14	21 426.10
123	+	0.00	0.00	8.14	0.00	210.16	139.70	33 231.40	0.85	7.29	56.28	153.88	11 651.42	21 579.98
124	+	0.00	0.00	4.76	0.00	129.00	139.70	33 360.40	0.17	4.59	10.19	118.81	11 661.61	21 698.79
125	+	0.00	0.00	2.34	0.00	70.96	139.70	33 431.36	0.07	2.27	2.33	68.63	11 663.94	21 767.42
126	+	0.00	0.64	0.63	6.37	29.64	146.07	33 461.00	0.01	0.62	0.73	28.91	11 664.67	21 796.33
126	+	1.42	0.68	0.61	0.94	0.89	147.01	33 461.89	0.00	0.61	0.01	0.88	11 664.68	21 797.21
127	+	0.00	0.91	0.15	14.79	7.06	161.80	33 468.95	0.00	0.15	0.04	7.02	11 664.72	21 804.23
128	+	0.00	0.95	0.16	18.62	3.06	180.42	33 472.01	0.00	0.16	0.00	3.06	11 664.72	21 807.29
128	+	3.26	1.00	0.22	3.17	0.60	183.59	33 472.61	0.00	0.22	0.00	0.60	11 664.72	21 807.89
129	+	0.00	1.73	0.15	22.85	3.07	206.44	33 475.68	0.00	0.15	0.00	3.07	11 664.72	21 810.96
130	+	0.00	2.66	0.08	43.91	2.35	250.35	33 478.03	0.00	0.08	0.00	2.35	11 664.72	21 813.31
130	+	5.09	2.92	0.07	14.20	0.39	264.55	33 478.42	0.00	0.07	0.00	0.39	11 664.72	21 813.70
131	+	0.00	3.75	0.00	49.73	0.50	314.28	33 478.92	0.00	0.00	0.00	0.50	11 664.72	21 814.20
132	+	0.00	3.12	0.04	68.76	0.45	383.04	33 479.37	0.00	0.04	0.00	0.45	11 664.72	21 814.65
133	+	0.00	3.29	0.01	64.11	0.49	447.15	33 479.86	0.00	0.01	0.00	0.49	11 664.72	21 815.14
134	+	0.00	2.99	0.07	62.79	0.81	509.94	33 480.67	0.00	0.07	0.00	0.81	11 664.72	21 815.95
135	+	0.00	1.92	0.40	49.10	4.75	559.04	33 485.42	0.00	0.40	0.00	4.75	11 664.72	21 820.70
136	+	0.00	0.99	1.48	29.05	18.81	588.09	33 504.23	0.00	1.48	0.00	18.81	11 664.72	21 839.51
137	+	0.00	1.55	0.83	25.41	23.08	613.50	33 527.31	0.00	0.83	0.00	23.08	11 664.72	21 862.59
138	+	0.00	0.65	2.09	22.06	29.23	635.56	33 556.54	0.00	2.09	0.00	29.23	11 664.72	21 891.82
139	+	0.00	0.33	1.90	9.82	39.90	645.38	33 596.44	0.00	1.90	0.00	39.90	11 664.72	21 931.72
140	+	0.00	0.16	3.20	4.88	50.86	650.26	33 647.30	0.01	3.19	0.06	50.80	11 664.78	21 982.52
141	+	0.00	0.03	3.62	1.89	68.15	652.15	33 715.45	0.06	3.56	0.69	67.46	11 665.47	22 049.98
142	+	0.00	0.33	3.06	3.57	66.90	655.72	33 782.35	0.01	3.05	0.77	66.13	11 666.24	22 116.11
143	+	0.00	0.62	2.00	9.46	50.68	665.18	33 833.03	0.00	2.00	0.14	50.54	11 666.38	22 166.65

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
144	+	0.00	1.06	1.19	16.84	32.02	682.02	33 865.05	0.00	1.19	0.01	32.01	11 666.39	22 198.66
145	+	0.00	1.15	1.35	22.11	25.40	704.13	33 890.45	0.00	1.35	0.00	25.40	11 666.39	22 224.06
146	+	0.00	1.91	0.47	30.61	18.19	734.74	33 908.64	0.00	0.47	0.00	18.19	11 666.39	22 242.25
147	+	0.00	3.24	0.27	51.52	7.42	786.26	33 916.06	0.00	0.27	0.00	7.42	11 666.39	22 249.67
148	+	0.00	3.38	0.04	66.14	2.99	852.40	33 919.05	0.00	0.04	0.00	2.99	11 666.39	22 252.66
149	+	0.00	4.85	0.00	82.26	0.31	934.66	33 919.36	0.00	0.00	0.00	0.31	11 666.39	22 252.97
150	+	0.00	6.19	0.00	110.41	0.00	1 045.07	33 919.36	0.00	0.00	0.00	0.00	11 666.39	22 252.97
151	+	0.00	4.99	0.42	111.83	4.24	1 156.90	33 923.60	0.00	0.42	0.00	4.24	11 666.39	22 257.21
152	+	0.00	4.68	0.26	96.69	6.80	1 253.59	33 930.40	0.00	0.26	0.00	6.80	11 666.39	22 264.01
153	+	0.00	4.21	0.42	88.81	6.67	1 342.40	33 937.07	0.00	0.42	0.00	6.67	11 666.39	22 270.68
154	+	0.00	2.73	1.05	69.37	14.60	1 411.77	33 951.67	0.00	1.05	0.00	14.60	11 666.39	22 285.28
155	+	0.00	2.28	2.17	50.07	32.12	1 461.84	33 983.79	0.01	2.16	0.05	32.07	11 666.44	22 317.35
156	+	0.00	1.85	2.96	41.30	51.37	1 503.14	34 035.16	0.08	2.88	0.90	50.47	11 667.34	22 367.82
157	+	0.00	1.57	3.37	34.21	63.34	1 537.35	34 098.50	0.23	3.14	3.12	60.22	11 670.46	22 428.04
158	+	0.00	0.66	5.38	22.30	87.42	1 559.65	34 185.92	1.18	4.20	14.02	73.40	11 684.48	22 501.44
159	+	0.00	0.00	5.22	6.64	105.96	1 566.29	34 291.88	0.65	4.57	18.22	87.74	11 702.70	22 589.18
160	+	0.00	0.00	6.76	0.00	119.67	1 566.29	34 411.55	0.78	5.98	14.23	105.44	11 716.93	22 694.62
161	+	0.00	0.00	6.89	0.00	136.40	1 566.29	34 547.95	0.75	6.14	15.28	121.12	11 732.21	22 815.74
162	+	0.00	0.00	9.03	0.00	159.19	1 566.29	34 707.14	2.20	6.83	29.56	129.63	11 761.77	22 945.37
163	+	0.00	0.00	9.03	0.00	180.64	1 566.29	34 887.78	2.34	6.69	45.46	135.18	11 807.23	23 080.55
164	+	0.00	0.00	7.94	0.00	169.66	1 566.29	35 057.44	1.53	6.41	38.68	130.98	11 845.91	23 211.53
165	+	0.00	0.00	9.05	0.00	169.85	1 566.29	35 227.29	1.60	7.45	31.28	138.57	11 877.19	23 350.10
166	+	0.00	0.00	9.01	0.00	180.57	1 566.29	35 407.86	1.51	7.50	31.10	149.47	11 908.29	23 499.57
167	+	0.00	0.00	7.83	0.00	168.37	1 566.29	35 576.23	0.93	6.90	24.34	144.03	11 932.63	23 643.60
168	+	0.00	0.00	7.94	0.00	157.62	1 566.29	35 733.85	0.95	6.99	18.72	138.90	11 951.35	23 782.50

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
169	+	0.00	0.00	7.12	0.00	150.50	1 566.29	35 884.35	0.91	6.21	18.56	131.94	11 969.91	23 914.44
170	+	0.00	0.00	6.15	0.00	132.65	1 566.29	36 017.00	0.43	5.72	13.37	119.28	11 983.28	24 033.72
171	+	0.00	0.00	4.17	0.00	103.18	1 566.29	36 120.18	0.21	3.96	6.41	96.77	11 989.69	24 130.49
172	+	0.00	0.38	2.71	3.80	68.81	1 570.09	36 188.99	0.32	2.39	5.31	63.50	11 995.00	24 193.99
173	+	0.00	1.42	1.70	18.01	44.06	1 588.10	36 233.05	0.21	1.49	5.27	38.79	12 000.27	24 232.78
174	+	0.00	1.75	1.17	31.72	28.66	1 619.82	36 261.71	0.03	1.14	2.43	26.23	12 002.70	24 259.01
175	+	0.00	1.91	0.59	36.60	17.57	1 656.42	36 279.28	0.00	0.59	0.34	17.23	12 003.04	24 276.24
176	+	0.00	3.01	0.10	49.16	6.80	1 705.58	36 286.08	0.00	0.10	0.01	6.79	12 003.05	24 283.03
177	+	0.00	4.53	0.24	75.41	3.37	1 780.99	36 289.45	0.04	0.20	0.42	2.95	12 003.47	24 285.98
178	+	0.00	5.50	0.00	100.37	2.45	1 881.36	36 291.90	0.00	0.00	0.42	2.03	12 003.89	24 288.01
179	+	0.00	6.78	0.00	122.86	0.00	2 004.22	36 291.90	0.00	0.00	0.00	0.00	12 003.89	24 288.01
179	+	11.19	6.41	0.00	73.80	0.00	2 078.02	36 291.90	0.00	0.00	0.00	0.00	12 003.89	24 288.01
180	+	0.00	6.62	0.00	57.37	-0.01	2 135.39	36 291.89	0.00	0.00	0.00	-0.01	12 003.89	24 288.00
181	+	0.00	5.48	0.00	121.07	0.00	2 256.46	36 291.89	0.00	0.00	0.00	0.00	12 003.89	24 288.00
181	+	14.08	5.55	0.00	77.69	0.00	2 334.15	36 291.89	0.00	0.00	0.00	0.00	12 003.89	24 288.00
182	+	0.00	5.01	0.04	31.29	0.14	2 365.44	36 292.03	0.00	0.04	0.01	0.13	12 003.90	24 288.13
183	+	0.00	4.86	0.05	98.76	0.99	2 464.20	36 293.02	0.00	0.05	0.05	0.94	12 003.95	24 289.07
183	+	16.96	3.93	0.04	74.61	0.82	2 538.81	36 293.84	0.00	0.04	0.02	0.80	12 003.97	24 289.87
184	+	0.00	3.60	0.09	11.44	0.21	2 550.25	36 294.05	0.01	0.08	0.02	0.19	12 003.99	24 290.06
185	+	0.00	3.61	0.10	72.04	1.86	2 622.29	36 295.91	0.02	0.08	0.25	1.61	12 004.24	24 291.67
186	+	0.00	5.13	0.03	87.34	1.24	2 709.63	36 297.15	0.00	0.03	0.16	1.08	12 004.40	24 292.75
187	+	0.00	6.79	0.00	119.18	0.31	2 828.81	36 297.46	0.00	0.00	0.00	0.31	12 004.40	24 293.06
188	+	0.00	9.79	0.00	165.75	0.00	2 994.56	36 297.46	0.00	0.00	0.00	0.00	12 004.40	24 293.06
189	+	0.00	12.23	0.00	220.19	0.00	3 214.75	36 297.46	0.00	0.00	0.00	0.00	12 004.40	24 293.06
190	+	0.00	8.54	0.00	207.70	-0.01	3 422.45	36 297.45	0.00	0.00	0.00	-0.01	12 004.40	24 293.05

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
191	+	0.00	3.42	0.00	119.53	0.00	3 541.98	36 297.45	0.00	0.00	0.00	0.00	12 004.40	24 293.05
192	+	0.00	0.27	1.24	36.82	12.36	3 578.80	36 309.81	0.11	1.13	1.10	11.26	12 005.50	24 304.31
193	+	0.00	0.00	4.37	2.67	56.05	3 581.47	36 365.86	0.33	4.04	4.37	51.68	12 009.87	24 355.99
194	+	0.00	0.00	4.83	0.00	92.02	3 581.47	36 457.88	0.23	4.60	5.58	86.44	12 015.45	24 442.43
195	+	0.00	0.00	5.98	0.00	108.14	3 581.47	36 566.02	0.68	5.30	9.08	99.06	12 024.53	24 541.49
196	+	0.00	0.00	6.50	0.00	124.78	3 581.47	36 690.80	0.46	6.04	11.36	113.42	12 035.89	24 654.91
197	+	0.00	0.00	5.92	0.00	124.15	3 581.47	36 814.95	0.29	5.63	7.45	116.70	12 043.34	24 771.61
198	+	0.00	0.00	7.55	0.00	134.63	3 581.47	36 949.58	0.64	6.91	9.22	125.41	12 052.56	24 897.02
199	+	0.00	0.00	8.50	0.00	160.49	3 581.47	37 110.07	1.12	7.38	17.59	142.90	12 070.15	25 039.92
200	+	0.00	0.00	9.59	0.00	180.91	3 581.47	37 290.98	1.90	7.69	30.26	150.65	12 100.41	25 190.57
201	+	0.00	0.00	10.87	0.00	204.60	3 581.47	37 495.58	2.78	8.09	46.82	157.78	12 147.23	25 348.35
202	+	0.00	0.00	11.98	0.00	228.47	3 581.47	37 724.05	3.88	8.10	66.54	161.93	12 213.77	25 510.28
203	+	0.00	0.00	13.19	0.00	251.69	3 581.47	37 975.74	5.09	8.10	89.69	162.00	12 303.46	25 672.28
204	+	0.00	0.00	12.45	0.00	256.45	3 581.47	38 232.19	4.35	8.10	94.45	162.00	12 397.91	25 834.28
205	+	0.00	0.00	11.83	0.00	242.87	3 581.47	38 475.06	3.73	8.10	80.87	162.00	12 478.78	25 996.28
206	+	0.00	0.00	10.79	0.00	226.32	3 581.47	38 701.38	2.73	8.06	64.69	161.63	12 543.47	26 157.91
207	+	0.00	0.00	8.63	0.00	194.33	3 581.47	38 895.71	0.84	7.79	35.78	158.55	12 579.25	26 316.46
208	+	0.00	0.00	8.48	0.00	171.19	3 581.47	39 066.90	0.71	7.77	15.52	155.67	12 594.77	26 472.13
209	+	0.00	0.00	8.06	0.00	165.37	3 581.47	39 232.27	0.84	7.22	15.45	149.92	12 610.22	26 622.05
210	+	0.00	0.00	6.43	0.00	144.84	3 581.47	39 377.11	0.36	6.07	11.99	132.85	12 622.21	26 754.90
211	+	0.00	0.00	5.22	0.00	116.50	3 581.47	39 493.61	0.23	4.99	5.94	110.56	12 628.15	26 865.46
212	+	0.00	0.00	4.81	0.00	100.32	3 581.47	39 593.93	0.33	4.48	5.65	94.67	12 633.80	26 960.13
213	+	0.00	0.00	3.96	0.00	87.76	3 581.47	39 681.69	0.30	3.66	6.34	81.42	12 640.14	27 041.55
214	+	0.00	0.00	3.30	0.00	72.63	3 581.47	39 754.32	0.12	3.18	4.25	68.38	12 644.39	27 109.93
215	+	0.00	0.00	3.00	0.00	62.99	3 581.47	39 817.31	0.13	2.87	2.51	60.48	12 646.90	27 170.41

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
216	+	0.00	0.00	2.50	0.00	55.06	3 581.47	39 872.37	0.15	2.35	2.79	52.27	12 649.69	27 222.68
217	+	0.00	0.00	2.41	0.00	49.23	3 581.47	39 921.60	0.05	2.36	2.06	47.17	12 651.75	27 269.85
218	+	0.00	0.00	1.59	0.00	40.06	3 581.47	39 961.66	0.05	1.54	1.02	39.04	12 652.77	27 308.89
219	+	0.00	0.00	1.50	0.00	30.91	3 581.47	39 992.57	0.05	1.45	0.99	29.92	12 653.76	27 338.81
220	+	0.00	0.01	1.83	0.11	33.30	3 581.58	40 025.87	0.05	1.78	1.01	32.29	12 654.77	27 371.10
221	+	0.00	0.00	2.46	0.11	42.89	3 581.69	40 068.76	0.08	2.38	1.35	41.54	12 656.12	27 412.64
222	+	0.00	0.00	2.77	0.00	52.22	3 581.69	40 120.98	0.08	2.69	1.61	50.61	12 657.73	27 463.25
223	+	0.00	0.00	3.02	0.00	57.84	3 581.69	40 178.82	0.06	2.96	1.35	56.49	12 659.08	27 519.74
224	+	0.00	0.00	3.02	0.00	60.43	3 581.69	40 239.25	0.13	2.89	1.86	58.57	12 660.94	27 578.31
225	+	0.00	0.00	3.88	0.00	69.02	3 581.69	40 308.27	0.12	3.76	2.49	66.53	12 663.43	27 644.84
226	+	0.00	0.00	4.50	0.00	83.80	3 581.69	40 392.07	0.11	4.39	2.28	81.52	12 665.71	27 726.36
227	+	0.00	0.00	5.13	0.00	96.33	3 581.69	40 488.40	0.14	4.99	2.48	93.85	12 668.19	27 820.21
228	+	0.00	0.00	5.81	0.00	109.43	3 581.69	40 597.83	0.19	5.62	3.36	106.07	12 671.55	27 926.28
229	+	0.00	0.00	5.88	0.00	116.87	3 581.69	40 714.70	0.16	5.72	3.52	113.35	12 675.07	28 039.63
230	+	0.00	0.00	7.98	0.00	138.59	3 581.69	40 853.29	0.56	7.42	7.16	131.43	12 682.23	28 171.06
230	+	6.89	0.00	7.90	0.00	54.71	3 581.69	40 908.00	0.61	7.29	4.02	50.69	12 686.25	28 221.75
231	+	0.00	0.00	10.19	0.00	118.63	3 581.69	41 026.63	2.09	8.10	17.70	100.93	12 703.95	28 322.68
232	+	0.00	0.00	11.80	0.00	220.09	3 581.69	41 246.72	3.97	7.83	60.78	159.31	12 764.73	28 481.99
233	+	0.00	0.00	13.54	0.00	253.96	3 581.69	41 500.68	2.02	11.52	60.30	193.66	12 825.03	28 675.65
233	+	4.89	0.00	14.53	0.00	68.60	3 581.69	41 569.28	3.05	11.48	12.39	56.21	12 837.42	28 731.86
234	+	0.00	0.00	16.01	0.00	231.68	3 581.69	41 800.96	3.82	12.19	52.46	179.22	12 889.88	28 911.08
235	+	0.00	0.00	16.80	0.00	329.54	3 581.69	42 130.50	4.95	11.85	88.72	240.82	12 978.60	29 151.90
236	+	0.00	0.00	18.74	0.00	357.14	3 581.69	42 487.64	6.38	12.36	114.68	242.46	13 093.28	29 394.36
236	+	15.19	0.00	21.17	0.00	304.49	3 581.69	42 792.13	8.26	12.91	112.43	192.06	13 205.71	29 586.42
237	+	0.00	0.00	21.12	0.00	101.71	3 581.69	42 893.84	8.15	12.97	39.47	62.24	13 245.18	29 648.66

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
238	+	0.00	0.00	25.05	0.00	462.88	3 581.69	43 356.72	11.55	13.50	198.09	264.79	13 443.27	29 913.45
239	+	0.00	0.00	27.11	0.00	522.25	3 581.69	43 878.97	13.61	13.50	252.25	270.00	13 695.52	30 183.45
240	+	0.00	0.00	27.88	0.00	550.81	3 581.69	44 429.78	14.38	13.50	280.81	270.00	13 976.33	30 453.45
240	+	5.49	0.00	27.91	0.00	153.20	3 581.69	44 582.98	14.41	13.50	79.06	74.14	14 055.39	30 527.59
241	+	0.00	0.00	28.79	0.00	412.04	3 581.69	44 995.02	15.29	13.50	216.18	195.86	14 271.57	30 723.45
242	+	0.00	0.00	29.24	0.00	580.87	3 581.69	45 575.89	15.74	13.50	310.87	270.00	14 582.44	30 993.45
243	+	0.00	0.00	29.57	0.00	588.15	3 581.69	46 164.04	16.07	13.50	318.15	270.00	14 900.59	31 263.45
243	+	3.49	0.00	29.31	0.00	102.80	3 581.69	46 266.84	15.81	13.50	55.66	47.14	14 956.25	31 310.59
244	+	0.00	0.00	27.92	0.00	472.39	3 581.69	46 739.23	14.42	13.50	249.53	222.86	15 205.78	31 533.45
245	+	0.00	0.00	26.19	0.00	541.05	3 581.69	47 280.28	12.69	13.50	271.05	270.00	15 476.83	31 803.45
246	+	0.00	0.00	27.19	0.00	533.76	3 581.69	47 814.04	13.69	13.50	263.76	270.00	15 740.59	32 073.45
247	+	0.00	0.00	28.31	0.00	555.01	3 581.69	48 369.05	14.81	13.50	285.01	270.00	16 025.60	32 343.45
248	+	0.00	0.00	27.93	0.00	562.39	3 581.69	48 931.44	14.43	13.50	292.39	270.00	16 317.99	32 613.45
249	+	0.00	0.00	27.67	0.00	556.00	3 581.69	49 487.44	14.17	13.50	286.00	270.00	16 603.99	32 883.45
250	+	0.00	0.00	25.64	0.00	533.11	3 581.69	50 020.55	12.14	13.50	263.11	270.00	16 867.10	33 153.45
251	+	0.00	0.00	25.10	0.00	507.36	3 581.69	50 527.91	11.60	13.50	237.36	270.00	17 104.46	33 423.45
252	+	0.00	0.00	23.42	0.00	485.21	3 581.69	51 013.12	9.92	13.50	215.21	270.00	17 319.67	33 693.45
253	+	0.00	0.00	22.84	0.00	462.64	3 581.69	51 475.76	9.34	13.50	192.64	270.00	17 512.31	33 963.45
254	+	0.00	0.00	22.24	0.00	450.87	3 581.69	51 926.63	8.74	13.50	180.87	270.00	17 693.18	34 233.45
255	+	0.00	0.00	18.92	0.00	411.68	3 581.69	52 338.31	5.42	13.50	141.68	270.00	17 834.86	34 503.45
256	+	0.00	0.00	18.01	0.00	369.34	3 581.69	52 707.65	4.51	13.50	99.34	270.00	17 934.20	34 773.45
257	+	0.00	0.00	18.41	0.00	364.25	3 581.69	53 071.90	4.91	13.50	94.25	270.00	18 028.45	35 043.45
258	+	0.00	0.00	17.63	0.00	360.43	3 581.69	53 432.33	4.13	13.50	90.43	270.00	18 118.88	35 313.45
259	+	0.00	0.00	15.76	0.00	333.88	3 581.69	53 766.21	2.47	13.29	66.01	267.87	18 184.89	35 581.32
260	+	0.00	0.00	15.34	0.00	311.02	3 581.69	54 077.23	2.41	12.93	48.81	262.21	18 233.70	35 843.53

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
261	+	0.00	0.00	13.31	0.00	286.53	3 581.69	54 363.76	5.21	8.10	76.20	210.33	18 309.90	36 053.86
262	+	0.00	0.00	11.93	0.00	252.47	3 581.69	54 616.23	3.83	8.10	90.47	162.00	18 400.37	36 215.86
263	+	0.00	0.00	9.73	0.00	216.64	3 581.69	54 832.87	1.77	7.96	56.06	160.58	18 456.43	36 376.44
264	+	0.00	0.00	8.50	0.00	182.31	3 581.69	55 015.18	1.00	7.50	27.72	154.59	18 484.15	36 531.03
265	+	0.00	0.00	6.58	0.00	150.85	3 581.69	55 166.03	0.43	6.15	14.32	136.53	18 498.47	36 667.56
266	+	0.00	0.00	7.54	0.00	141.29	3 581.69	55 307.32	0.59	6.95	10.21	131.08	18 508.68	36 798.64
267	+	0.00	0.00	8.85	0.00	163.93	3 581.69	55 471.25	1.01	7.84	16.03	147.90	18 524.71	36 946.54
268	+	0.00	0.00	12.69	0.00	215.42	3 581.69	55 686.67	4.59	8.10	56.07	159.35	18 580.78	37 105.89
269	+	0.00	0.00	15.54	0.00	282.41	3 581.69	55 969.08	2.54	13.00	71.37	211.04	18 652.15	37 316.93
270	+	0.00	0.00	18.28	0.00	338.27	3 581.69	56 307.35	4.78	13.50	73.23	265.04	18 725.38	37 581.97
271	+	0.00	0.00	20.43	0.00	387.07	3 581.69	56 694.42	6.93	13.50	117.07	270.00	18 842.45	37 851.97
271	+	12.47	0.00	21.42	0.00	260.92	3 581.69	56 955.34	7.92	13.50	92.59	168.33	18 935.04	38 020.30
272	+	0.00	0.00	22.81	0.00	166.56	3 581.69	57 121.90	9.31	13.50	64.89	101.67	18 999.93	38 121.97
273	+	0.00	0.00	22.33	0.00	451.40	3 581.69	57 573.30	8.83	13.50	181.40	270.00	19 181.33	38 391.97
274	+	0.00	0.00	22.15	0.00	444.99	3 581.69	58 018.29	8.65	13.50	174.99	270.00	19 356.32	38 661.97
275	+	0.00	0.00	21.27	0.00	434.61	3 581.69	58 452.90	7.77	13.50	164.61	270.00	19 520.93	38 931.97
275	+	2.47	0.00	21.17	0.00	52.40	3 581.69	58 505.30	7.67	13.50	19.07	33.33	19 540.00	38 965.30
276	+	0.00	0.00	22.33	0.00	381.86	3 581.69	58 887.16	8.83	13.50	145.19	236.67	19 685.19	39 201.97
277	+	0.00	0.00	23.91	0.00	463.06	3 581.69	59 350.22	10.41	13.50	193.06	270.00	19 878.25	39 471.97
278	+	0.00	0.00	26.69	0.00	506.44	3 581.69	59 856.66	13.19	13.50	236.44	270.00	20 114.69	39 741.97
279	+	0.00	0.00	27.55	0.00	542.81	3 581.69	60 399.47	14.05	13.50	272.81	270.00	20 387.50	40 011.97
280	+	0.00	0.00	28.32	0.00	559.29	3 581.69	60 958.76	14.82	13.50	289.29	270.00	20 676.79	40 281.97
281	+	0.00	0.00	29.83	0.00	582.16	3 581.69	61 540.92	16.33	13.50	312.16	270.00	20 988.95	40 551.97
282	+	0.00	0.00	32.78	0.00	626.68	3 581.69	62 167.60	19.28	13.50	356.68	270.00	21 345.63	40 821.97
282	+	2.90	0.00	32.94	0.00	95.27	3 581.69	62 262.87	19.44	13.50	56.13	39.14	21 401.76	40 861.11

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
283	+	0.00	0.00	34.66	0.00	578.54	3 581.69	62 841.41	21.16	13.50	347.68	230.86	21 749.44	41 091.97
284	+	0.00	0.00	36.68	0.00	714.08	3 581.69	63 555.49	23.18	13.50	444.08	270.00	22 193.52	41 361.97
285	+	0.00	0.00	37.95	0.00	746.91	3 581.69	64 302.40	24.45	13.50	476.91	270.00	22 670.43	41 631.97
286	+	0.00	0.00	39.22	0.00	772.36	3 581.69	65 074.76	25.72	13.50	502.36	270.00	23 172.79	41 901.97
287	+	0.00	0.00	40.37	0.00	796.60	3 581.69	65 871.36	26.87	13.50	526.60	270.00	23 699.39	42 171.97
288	+	0.00	0.00	42.77	0.00	832.08	3 581.69	66 703.44	29.27	13.50	562.08	270.00	24 261.47	42 441.97
289	+	0.00	0.00	45.08	0.00	879.26	3 581.69	67 582.70	31.58	13.50	609.26	270.00	24 870.73	42 711.97
289	+	3.33	0.00	45.53	0.00	150.85	3 581.69	67 733.55	32.03	13.50	105.90	44.95	24 976.63	42 756.92
290	+	0.00	0.00	48.49	0.00	784.10	3 581.69	68 517.65	34.99	13.50	559.05	225.05	25 535.68	42 981.97
291	+	0.00	0.00	49.47	0.00	979.82	3 581.69	69 497.47	35.97	13.50	709.82	270.00	26 245.50	43 251.97
292	+	0.00	0.00	49.47	0.00	989.38	3 581.69	70 486.85	35.97	13.50	719.38	270.00	26 964.88	43 521.97
292	+	13.33	0.00	50.34	0.00	665.25	3 581.69	71 152.10	36.84	13.50	485.30	179.95	27 450.18	43 701.92
293	+	0.00	0.00	50.65	0.00	336.85	3 581.69	71 488.95	37.15	13.50	246.80	90.05	27 696.98	43 791.97
294	+	0.00	0.00	48.94	0.00	995.92	3 581.69	72 484.87	35.44	13.50	725.92	270.00	28 422.90	44 061.97
295	+	0.00	0.00	48.06	0.00	969.98	3 581.69	73 454.85	34.56	13.50	699.98	270.00	29 122.88	44 331.97
296	+	0.00	0.00	46.86	0.00	949.15	3 581.69	74 404.00	33.36	13.50	679.15	270.00	29 802.03	44 601.97
297	+	0.00	0.00	45.67	0.00	925.29	3 581.69	75 329.29	32.17	13.50	655.29	270.00	30 457.32	44 871.97
298	+	0.00	0.00	43.51	0.00	891.84	3 581.69	76 221.13	30.01	13.50	621.84	270.00	31 079.16	45 141.97
299	+	0.00	0.00	40.48	0.00	839.97	3 581.69	77 061.10	26.98	13.50	569.97	270.00	31 649.13	45 411.97
300	+	0.00	0.00	37.26	0.00	777.49	3 581.69	77 838.59	23.76	13.50	507.49	270.00	32 156.62	45 681.97
301	+	0.00	0.00	35.19	0.00	724.51	3 581.69	78 563.10	21.69	13.50	454.51	270.00	32 611.13	45 951.97
302	+	0.00	0.00	34.60	0.00	697.86	3 581.69	79 260.96	21.10	13.50	427.86	270.00	33 038.99	46 221.97
302	+	15.48	0.00	35.34	0.00	541.34	3 581.69	79 802.30	21.84	13.50	332.35	208.99	33 371.34	46 430.96
303	+	0.00	0.00	35.81	0.00	160.77	3 581.69	79 963.07	22.31	13.50	99.76	61.01	33 471.10	46 491.97
304	+	0.00	0.00	35.51	0.00	713.24	3 581.69	80 676.31	22.01	13.50	443.24	270.00	33 914.34	46 761.97

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
305	+	0.00	0.00	30.98	0.00	664.88	3 581.69	81 341.19	17.48	13.50	394.88	270.00	34 309.22	47 031.97
306	+	0.00	0.00	31.91	0.00	628.87	3 581.69	81 970.06	18.41	13.50	358.87	270.00	34 668.09	47 301.97
307	+	0.00	0.00	29.52	0.00	614.30	3 581.69	82 584.36	16.02	13.50	344.30	270.00	35 012.39	47 571.97
308	+	0.00	0.00	33.87	0.00	633.92	3 581.69	83 218.28	20.37	13.50	363.92	270.00	35 376.31	47 841.97
308	+	10.48	0.00	32.34	0.00	346.96	3 581.69	83 565.24	18.84	13.50	205.47	141.49	35 581.78	47 983.46
309	+	0.00	0.00	32.15	0.00	306.96	3 581.69	83 872.20	18.65	13.50	178.45	128.51	35 760.23	48 111.97
309	+	19.55	0.00	31.94	0.00	627.08	3 581.69	84 499.28	18.44	13.50	363.22	263.86	36 123.45	48 375.83
310	+	0.00	0.00	31.84	0.00	14.51	3 581.69	84 513.79	18.34	13.50	8.37	6.14	36 131.82	48 381.97
311	+	0.00	0.00	29.06	0.00	609.57	3 581.69	85 123.36	15.56	13.50	339.57	270.00	36 471.39	48 651.97
311	+	8.61	0.00	25.82	0.00	236.20	3 581.69	85 359.56	12.32	13.50	119.98	116.22	36 591.37	48 768.19
312	+	0.00	0.00	25.20	0.00	290.55	3 581.69	85 650.11	11.70	13.50	136.77	153.78	36 728.14	48 921.97
313	+	0.00	0.00	21.74	0.00	469.34	3 581.69	86 119.45	8.24	13.50	199.34	270.00	36 927.48	49 191.97
314	+	0.00	0.00	18.44	0.00	401.76	3 581.69	86 521.21	4.94	13.50	131.76	270.00	37 059.24	49 461.97
315	+	0.00	0.00	17.08	0.00	355.22	3 581.69	86 876.43	3.67	13.41	86.11	269.11	37 145.35	49 731.08
316	+	0.00	0.00	17.26	0.00	343.44	3 581.69	87 219.87	3.79	13.47	74.65	268.79	37 220.00	49 999.87
317	+	0.00	0.00	16.47	0.00	337.35	3 581.69	87 557.22	3.04	13.43	68.32	269.03	37 288.32	50 268.90
317	+	3.61	0.00	16.85	0.00	60.13	3 581.69	87 617.35	3.35	13.50	11.53	48.60	37 299.85	50 317.50
318	+	0.00	0.00	16.04	0.00	269.58	3 581.69	87 886.93	2.60	13.44	48.80	220.78	37 348.65	50 538.28
319	+	0.00	0.00	15.55	0.00	315.85	3 581.69	88 202.78	2.10	13.45	47.00	268.85	37 395.65	50 807.13
320	+	0.00	0.00	14.24	0.00	297.77	3 581.69	88 500.55	1.25	12.99	33.42	264.35	37 429.07	51 071.48
321	+	0.00	0.00	11.88	0.00	261.15	3 581.69	88 761.70	3.78	8.10	50.25	210.90	37 479.32	51 282.38
322	+	0.00	0.00	8.52	0.00	203.95	3 581.69	88 965.65	0.92	7.60	46.97	156.98	37 526.29	51 439.36
323	+	0.00	0.00	6.39	0.00	148.99	3 581.69	89 114.64	0.52	5.87	14.33	134.66	37 540.62	51 574.02
324	+	0.00	0.00	3.24	0.00	96.24	3 581.69	89 210.88	0.16	3.08	6.74	89.50	37 547.36	51 663.52
325	+	0.00	0.07	2.01	0.71	52.45	3 582.40	89 263.33	0.14	1.87	2.96	49.49	37 550.32	51 713.01

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
325	+	2.78	0.09	1.89	0.22	5.43	3 582.62	89 268.76	0.08	1.81	0.31	5.12	37 550.63	51 718.13
326	+	0.00	0.02	2.56	0.91	38.38	3 583.53	89 307.14	0.34	2.22	3.65	34.73	37 554.28	51 752.86
327	+	0.00	0.15	3.12	1.70	56.88	3 585.23	89 364.02	0.50	2.62	8.44	48.44	37 562.72	51 801.30
328	+	0.00	0.45	5.36	6.02	84.89	3 591.25	89 448.91	2.29	3.07	27.94	56.95	37 590.66	51 858.25
329	+	0.00	0.96	5.38	14.11	107.39	3 605.36	89 556.30	2.25	3.13	45.37	62.02	37 636.03	51 920.27
330	+	0.00	1.30	3.30	22.60	86.74	3 627.96	89 643.04	0.44	2.86	26.87	59.87	37 662.90	51 980.14
330	+	17.78	1.03	5.50	20.69	78.13	3 648.65	89 721.17	2.10	3.40	22.56	55.57	37 685.46	52 035.71
331	+	0.00	1.08	6.07	2.33	12.81	3 650.98	89 733.98	2.80	3.27	5.43	7.38	37 690.89	52 043.09
331	+	5.38	0.94	6.12	5.43	32.76	3 656.41	89 766.74	2.51	3.61	14.27	18.49	37 705.16	52 061.58
331	+	12.97	1.11	4.82	7.78	41.54	3 664.19	89 808.28	1.33	3.49	14.58	26.96	37 719.74	52 088.54
332	+	0.00	1.43	4.50	8.92	32.76	3 673.11	89 841.04	1.29	3.21	9.20	23.56	37 728.94	52 112.10
333	+	0.00	1.96	4.65	33.91	91.55	3 707.02	89 932.59	1.33	3.32	26.18	65.37	37 755.12	52 177.47
334	+	0.00	2.30	3.92	42.64	85.80	3 749.66	90 018.39	1.16	2.76	24.91	60.89	37 780.03	52 238.36
335	+	0.00	2.59	3.10	48.96	70.27	3 798.62	90 088.66	0.63	2.47	17.93	52.34	37 797.96	52 290.70
336	+	0.00	3.02	3.02	56.14	61.18	3 854.76	90 149.84	0.87	2.15	14.99	46.19	37 812.95	52 336.89
337	+	0.00	2.71	1.51	57.32	45.30	3 912.08	90 195.14	0.27	1.24	11.37	33.93	37 824.32	52 370.82
337	+	7.97	2.52	1.79	20.85	13.13	3 932.93	90 208.27	0.33	1.46	2.37	10.76	37 826.69	52 381.58
338	+	0.00	2.62	0.81	30.91	15.61	3 963.84	90 223.88	0.07	0.74	2.40	13.21	37 829.09	52 394.79
339	+	0.00	1.84	1.16	44.56	19.71	4 008.40	90 243.59	0.20	0.96	2.76	16.95	37 831.85	52 411.74
340	+	0.00	1.36	1.27	31.98	24.34	4 040.38	90 267.93	0.27	1.00	4.72	19.62	37 836.57	52 431.36
341	+	0.00	0.90	0.62	22.59	18.91	4 062.97	90 286.84	0.11	0.51	3.77	15.14	37 840.34	52 446.50
342	+	0.00	0.04	1.18	9.37	17.96	4 072.34	90 304.80	0.06	1.12	1.69	16.27	37 842.03	52 462.77
343	+	0.00	0.00	1.93	0.38	31.14	4 072.72	90 335.94	0.05	1.88	1.15	29.99	37 843.18	52 492.76
344	+	0.00	0.00	5.06	0.00	70.05	4 072.72	90 405.99	0.22	4.84	2.77	67.28	37 845.95	52 560.04
345	+	0.00	0.00	8.04	0.00	131.06	4 072.72	90 537.05	0.68	7.36	9.05	122.01	37 855.00	52 682.05

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
346	+	0.00	0.00	9.12	0.00	171.58	4 072.72	90 708.63	1.20	7.92	18.79	152.79	37 873.79	52 834.84
347	+	0.00	0.00	11.05	0.00	201.63	4 072.72	90 910.26	2.95	8.10	41.45	160.18	37 915.24	52 995.02
348	+	0.00	0.00	14.64	0.00	256.89	4 072.72	91 167.15	1.70	12.94	46.49	210.40	37 961.73	53 205.42
349	+	0.00	0.00	16.41	0.00	310.60	4 072.72	91 477.75	2.91	13.50	46.16	264.44	38 007.89	53 469.86
350	+	0.00	0.00	18.51	0.00	349.26	4 072.72	91 827.01	5.01	13.50	79.26	270.00	38 087.15	53 739.86
351	+	0.00	0.00	18.53	0.00	370.44	4 072.72	92 197.45	5.03	13.50	100.44	270.00	38 187.59	54 009.86
352	+	0.00	0.00	20.03	0.00	385.60	4 072.72	92 583.05	6.53	13.50	115.60	270.00	38 303.19	54 279.86
353	+	0.00	0.00	21.90	0.00	419.31	4 072.72	93 002.36	8.40	13.50	149.31	270.00	38 452.50	54 549.86
354	+	0.00	0.00	21.07	0.00	429.73	4 072.72	93 432.09	7.57	13.50	159.73	270.00	38 612.23	54 819.86
355	+	0.00	0.00	22.84	0.00	439.15	4 072.72	93 871.24	9.34	13.50	169.15	270.00	38 781.38	55 089.86
356	+	0.00	0.00	21.79	0.00	446.34	4 072.72	94 317.58	8.29	13.50	176.34	270.00	38 957.72	55 359.86
357	+	0.00	0.00	20.44	0.00	422.28	4 072.72	94 739.86	6.94	13.50	152.28	270.00	39 110.00	55 629.86
358	+	0.00	0.00	19.94	0.00	403.75	4 072.72	95 143.61	6.44	13.50	133.75	270.00	39 243.75	55 899.86
359	+	0.00	0.00	17.44	0.00	373.77	4 072.72	95 517.38	3.94	13.50	103.77	270.00	39 347.52	56 169.86
360	+	0.00	0.00	18.71	0.00	361.46	4 072.72	95 878.84	5.21	13.50	91.46	270.00	39 438.98	56 439.86
361	+	0.00	0.00	17.10	0.00	358.07	4 072.72	96 236.91	3.60	13.50	88.07	270.00	39 527.05	56 709.86
362	+	0.00	0.00	15.55	0.00	326.49	4 072.72	96 563.40	2.20	13.35	57.96	268.53	39 585.01	56 978.39
363	+	0.00	0.00	13.34	0.00	288.91	4 072.72	96 852.31	5.24	8.10	74.38	214.53	39 659.39	57 192.92
364	+	0.00	0.00	11.54	0.00	248.79	4 072.72	97 101.10	3.44	8.10	86.79	162.00	39 746.18	57 354.92
365	+	0.00	0.00	8.82	0.00	203.60	4 072.72	97 304.70	1.16	7.66	46.01	157.59	39 792.19	57 512.51
366	+	0.00	0.00	7.44	0.00	162.65	4 072.72	97 467.35	0.51	6.93	16.75	145.90	39 808.94	57 658.41
367	+	0.00	0.00	5.94	0.00	133.77	4 072.72	97 601.12	0.29	5.65	7.99	125.78	39 816.93	57 784.19
368	+	0.00	0.00	5.14	0.00	110.76	4 072.72	97 711.88	0.21	4.93	5.00	105.76	39 821.93	57 889.95
369	+	0.00	0.00	3.77	0.00	89.12	4 072.72	97 801.00	0.11	3.66	3.23	85.89	39 825.16	57 975.84
370	+	0.00	0.00	2.85	0.00	66.22	4 072.72	97 867.22	0.06	2.79	1.68	64.54	39 826.84	58 040.38
371	+	0.00	0.00	2.72	0.00	55.80	4 072.72	97 923.02	0.06	2.66	1.22	54.58	39 828.06	58 094.96

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
372	+	0.00	0.00	2.74	0.00	54.72	4 072.72	97 977.74	0.07	2.67	1.36	53.36	39 829.42	58 148.32
373	+	0.00	0.00	1.79	0.00	45.38	4 072.72	98 023.12	0.03	1.76	1.06	44.32	39 830.48	58 192.64
374	+	0.00	0.00	1.99	0.00	37.91	4 072.72	98 061.03	0.02	1.97	0.57	37.34	39 831.05	58 229.98
375	+	0.00	0.00	1.78	0.00	37.79	4 072.72	98 098.82	0.06	1.72	0.89	36.90	39 831.94	58 266.88
376	+	0.00	0.19	0.91	1.88	26.86	4 074.60	98 125.68	0.04	0.87	1.03	25.83	39 832.97	58 292.71
377	+	0.00	0.61	0.18	8.00	10.81	4 082.60	98 136.49	0.03	0.15	0.63	10.18	39 833.60	58 302.89
378	+	0.00	1.08	0.48	16.93	6.59	4 099.53	98 143.08	0.00	0.48	0.26	6.33	39 833.86	58 309.22
379	+	0.00	1.89	0.15	29.67	6.26	4 129.20	98 149.34	0.00	0.15	0.00	6.26	39 833.86	58 315.48
380	+	0.00	2.02	0.11	39.10	2.62	4 168.30	98 151.96	0.00	0.11	0.00	2.62	39 833.86	58 318.10
381	+	0.00	2.12	0.16	41.45	2.75	4 209.75	98 154.71	0.00	0.16	0.00	2.75	39 833.86	58 320.85
382	+	0.00	2.35	0.11	44.73	2.68	4 254.48	98 157.39	0.00	0.11	0.00	2.68	39 833.86	58 323.53
383	+	0.00	2.95	0.04	52.98	1.44	4 307.46	98 158.83	0.00	0.04	0.00	1.44	39 833.86	58 324.97
384	+	0.00	2.34	0.03	52.87	0.67	4 360.33	98 159.50	0.00	0.03	0.00	0.67	39 833.86	58 325.64
385	+	0.00	1.78	0.55	41.23	5.87	4 401.56	98 165.37	0.00	0.55	0.00	5.87	39 833.86	58 331.51
386	+	0.00	1.29	0.89	30.67	14.38	4 432.23	98 179.75	0.00	0.89	0.00	14.38	39 833.86	58 345.89
387	+	0.00	2.00	0.52	32.81	14.06	4 465.04	98 193.81	0.00	0.52	0.00	14.06	39 833.86	58 359.95
388	+	0.00	0.49	1.64	24.88	21.63	4 489.92	98 215.44	0.00	1.64	0.00	21.63	39 833.86	58 381.58
389	+	0.00	0.92	2.01	14.16	36.60	4 504.08	98 252.04	0.00	2.01	0.00	36.60	39 833.86	58 418.18
390	+	0.00	0.33	2.17	12.50	41.85	4 516.58	98 293.89	0.00	2.17	0.00	41.85	39 833.86	58 460.03
391	+	0.00	0.76	2.68	10.83	48.48	4 527.41	98 342.37	0.03	2.65	0.32	48.16	39 834.18	58 508.19
392	+	0.00	0.00	3.16	7.56	58.37	4 534.97	98 400.74	0.06	3.10	0.90	57.47	39 835.08	58 565.66
393	+	0.00	0.00	5.14	0.00	82.96	4 534.97	98 483.70	0.16	4.98	2.14	80.82	39 837.22	58 646.48
394	+	0.00	0.00	7.20	0.00	123.40	4 534.97	98 607.10	0.69	6.51	8.48	114.92	39 845.70	58 761.40
394	+	6.08	0.00	7.51	0.00	44.75	4 534.97	98 651.85	0.79	6.72	4.52	40.23	39 850.22	58 801.63
395	+	0.00	0.00	8.47	0.00	111.25	4 534.97	98 763.10	1.32	7.15	14.75	96.50	39 864.97	58 898.13
396	+	0.00	0.00	8.83	0.00	173.02	4 534.97	98 936.12	1.30	7.53	26.24	146.78	39 891.21	59 044.91

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
397	+	0.00	0.00	10.61	0.00	194.34	4 534.97	99 130.46	2.51	8.10	38.12	156.22	39 929.33	59 201.13
398	+	0.00	0.00	11.66	0.00	222.73	4 534.97	99 353.19	3.56	8.10	60.77	161.96	39 990.10	59 363.09
399	+	0.00	0.00	12.80	0.00	244.64	4 534.97	99 597.83	4.70	8.10	82.64	162.00	40 072.74	59 525.09
400	+	0.00	0.00	13.47	0.00	262.94	4 534.97	99 860.77	5.37	8.10	100.94	162.00	40 173.68	59 687.09
400	+	1.08	0.00	13.61	0.00	14.67	4 534.97	99 875.44	5.51	8.10	5.89	8.78	40 179.57	59 695.87
401	+	0.00	0.00	14.66	0.00	267.72	4 534.97	100 143.16	6.56	8.10	114.50	153.22	40 294.07	59 849.09
401	+	14.09	0.00	14.07	0.00	202.40	4 534.97	100 345.56	5.97	8.10	88.27	114.13	40 382.34	59 963.22
402	+	0.00	0.00	14.12	0.00	83.28	4 534.97	100 428.84	6.02	8.10	35.41	47.87	40 417.75	60 011.09
403	+	0.00	0.00	12.59	0.00	267.59	4 534.97	100 696.43	4.63	7.96	106.97	160.62	40 524.72	60 171.71
403	+	7.10	0.00	12.36	0.00	88.57	4 534.97	100 785.00	4.55	7.81	32.59	55.98	40 557.31	60 227.69
404	+	0.00	0.00	11.41	0.00	153.36	4 534.97	100 938.36	3.60	7.81	52.59	100.77	40 609.90	60 328.46
405	+	0.00	0.00	9.36	0.00	207.66	4 534.97	101 146.02	2.62	6.74	62.17	145.49	40 672.07	60 473.95
406	+	0.00	0.00	7.21	0.00	165.66	4 534.97	101 311.68	1.55	5.66	41.62	124.04	40 713.69	60 597.99
407	+	0.00	0.00	4.55	0.00	117.55	4 534.97	101 429.23	0.74	3.81	22.83	94.72	40 736.52	60 692.71
408	+	0.00	0.23	2.35	2.29	68.94	4 537.26	101 498.17	0.29	2.06	10.26	58.68	40 746.78	60 751.39
409	+	0.00	0.83	1.15	10.57	34.89	4 547.83	101 533.06	0.23	0.92	5.14	29.75	40 751.92	60 781.14
409	+	2.10	0.87	0.98	1.78	2.23	4 549.61	101 535.29	0.16	0.82	0.41	1.82	40 752.33	60 782.96
410	+	0.00	1.27	0.74	19.13	15.43	4 568.74	101 550.72	0.07	0.67	2.10	13.33	40 754.43	60 796.29
411	+	0.00	2.66	0.00	39.31	7.42	4 608.05	101 558.14	0.00	0.00	0.70	6.72	40 755.13	60 803.01
412	+	0.00	2.56	0.26	52.28	2.73	4 660.33	101 560.87	0.01	0.25	0.12	2.61	40 755.25	60 805.62
413	+	0.00	3.37	0.01	59.30	2.70	4 719.63	101 563.57	0.00	0.01	0.12	2.58	40 755.37	60 808.20
414	+	0.00	3.61	0.01	69.72	0.08	4 789.35	101 563.65	0.00	0.01	0.00	0.08	40 755.37	60 808.28
415	+	0.00	3.01	0.10	66.21	1.13	4 855.56	101 564.78	0.00	0.10	0.00	1.13	40 755.37	60 809.41
416	+	0.00	2.56	0.12	55.70	2.18	4 911.26	101 566.96	0.00	0.12	0.00	2.18	40 755.37	60 811.59
417	+	0.00	3.58	0.01	61.32	1.21	4 972.58	101 568.17	0.00	0.01	0.00	1.21	40 755.37	60 812.80
418	+	0.00	3.90	0.00	74.75	0.09	5 047.33	101 568.26	0.00	0.00	0.00	0.09	40 755.37	60 812.89

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
419	+	0.00	3.24	0.00	71.41	0.01	5 118.74	101 568.27	0.00	0.00	0.00	0.01	40 755.37	60 812.90
420	+	0.00	3.33	0.07	65.70	0.65	5 184.44	101 568.92	0.00	0.07	0.00	0.65	40 755.37	60 813.55
421	+	0.00	2.84	0.11	61.65	1.73	5 246.09	101 570.65	0.00	0.11	0.00	1.73	40 755.37	60 815.28
422	+	0.00	2.55	0.18	53.83	2.81	5 299.92	101 573.46	0.00	0.18	0.00	2.81	40 755.37	60 818.09
423	+	0.00	2.05	0.37	46.00	5.45	5 345.92	101 578.91	0.00	0.37	0.00	5.45	40 755.37	60 823.54
424	+	0.00	1.56	1.23	36.10	15.96	5 382.02	101 594.87	0.02	1.21	0.18	15.78	40 755.55	60 839.32
425	+	0.00	0.77	0.96	23.22	21.78	5 405.24	101 616.65	0.01	0.95	0.28	21.50	40 755.83	60 860.82
426	+	0.00	0.34	0.89	11.10	18.50	5 416.34	101 635.15	0.05	0.84	0.60	17.90	40 756.43	60 878.72
427	+	0.00	0.15	1.32	4.94	22.15	5 421.28	101 657.30	0.03	1.29	0.79	21.36	40 757.22	60 900.08
428	+	0.00	0.00	2.40	1.49	37.19	5 422.77	101 694.49	0.13	2.27	1.59	35.60	40 758.81	60 935.68
429	+	0.00	0.00	2.39	0.00	47.96	5 422.77	101 742.45	0.07	2.32	2.02	45.94	40 760.83	60 981.62
430	+	0.00	0.00	3.96	0.00	63.52	5 422.77	101 805.97	0.18	3.78	2.50	61.02	40 763.33	61 042.64
431	+	0.00	0.00	5.09	0.00	90.42	5 422.77	101 896.39	0.52	4.57	6.96	83.46	40 770.29	61 126.10
432	+	0.00	0.00	6.10	0.00	111.83	5 422.77	102 008.22	0.70	5.40	12.15	99.68	40 782.44	61 225.78
433	+	0.00	0.00	6.40	0.00	125.01	5 422.77	102 133.23	0.42	5.98	11.18	113.83	40 793.62	61 339.61
434	+	0.00	0.00	6.27	0.00	126.75	5 422.77	102 259.98	0.41	5.86	8.31	118.44	40 801.93	61 458.05
435	+	0.00	0.00	5.26	0.00	115.29	5 422.77	102 375.27	0.23	5.03	6.39	108.90	40 808.32	61 566.95
436	+	0.00	0.00	2.72	0.00	79.82	5 422.77	102 455.09	0.03	2.69	2.61	77.21	40 810.93	61 644.16
437	+	0.00	0.35	0.76	3.47	34.85	5 426.24	102 489.94	0.00	0.76	0.38	34.47	40 811.31	61 678.63
438	+	0.00	2.55	0.01	28.92	7.61	5 455.16	102 497.55	0.00	0.01	0.05	7.56	40 811.36	61 686.19
438	+	13.85	4.84	0.00	51.13	0.00	5 506.29	102 497.55	0.00	0.00	0.00	0.00	40 811.36	61 686.19
439	+	0.00	5.10	0.00	30.56	0.00	5 536.85	102 497.55	0.00	0.00	0.00	0.00	40 811.36	61 686.19
440	+	0.00	6.71	0.00	117.85	0.00	5 654.70	102 497.55	0.00	0.00	0.00	0.00	40 811.36	61 686.19
440	+	9.96	8.53	0.00	75.87	-0.01	5 730.57	102 497.54	0.00	0.00	0.00	-0.01	40 811.36	61 686.18
441	+	0.00	7.77	0.00	81.84	0.00	5 812.41	102 497.54	0.00	0.00	0.00	0.00	40 811.36	61 686.18
442	+	0.00	6.88	0.00	146.35	-0.01	5 958.76	102 497.53	0.00	0.00	0.00	-0.01	40 811.36	61 686.17

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
442	+	6.07	7.16	0.00	42.59	0.00	6 001.35	102 497.53	0.00	0.00	0.00	0.00	40 811.36	61 686.17
443	+	0.00	5.64	0.00	89.17	-0.01	6 090.52	102 497.52	0.00	0.00	0.00	-0.01	40 811.36	61 686.16
444	+	0.00	3.18	0.05	88.17	0.47	6 178.69	102 497.99	0.00	0.05	0.00	0.47	40 811.36	61 686.63
445	+	0.00	0.00	2.84	31.77	28.92	6 210.46	102 526.91	0.11	2.73	1.12	27.80	40 812.48	61 714.43
446	+	0.00	0.00	11.99	0.00	148.32	6 210.46	102 675.23	3.89	8.10	39.98	108.34	40 852.46	61 822.77
447	+	0.00	0.00	17.60	0.00	295.82	6 210.46	102 971.05	4.12	13.48	80.04	215.78	40 932.50	62 038.55
448	+	0.00	0.00	23.73	0.00	413.28	6 210.46	103 384.33	10.23	13.50	143.50	269.78	41 076.00	62 308.33
449	+	0.00	0.00	30.24	0.00	539.69	6 210.46	103 924.02	16.74	13.50	269.69	270.00	41 345.69	62 578.33
450	+	0.00	0.00	35.14	0.00	653.78	6 210.46	104 577.80	21.64	13.50	383.78	270.00	41 729.47	62 848.33
451	+	0.00	0.00	40.66	0.00	758.02	6 210.46	105 335.82	27.16	13.50	488.02	270.00	42 217.49	63 118.33
452	+	0.00	0.00	41.00	0.00	816.63	6 210.46	106 152.45	27.50	13.50	546.63	270.00	42 764.12	63 388.33
453	+	0.00	0.00	43.85	0.00	848.51	6 210.46	107 000.96	30.35	13.50	578.51	270.00	43 342.63	63 658.33
454	+	0.00	0.00	45.33	0.00	891.84	6 210.46	107 892.80	31.83	13.50	621.84	270.00	43 964.47	63 928.33
455	+	0.00	0.00	45.06	0.00	903.90	6 210.46	108 796.70	31.56	13.50	633.90	270.00	44 598.37	64 198.33
455	+	6.81	0.00	44.89	0.00	306.34	6 210.46	109 103.04	31.39	13.50	214.38	91.96	44 812.75	64 290.29
456	+	0.00	0.00	44.30	0.00	588.08	6 210.46	109 691.12	30.80	13.50	410.04	178.04	45 222.79	64 468.33
457	+	0.00	0.00	44.54	0.00	888.50	6 210.46	110 579.62	31.04	13.50	618.50	270.00	45 841.29	64 738.33
458	+	0.00	0.00	44.99	0.00	895.72	6 210.46	111 475.34	31.49	13.50	625.72	270.00	46 467.01	65 008.33
458	+	4.81	0.00	44.74	0.00	215.88	6 210.46	111 691.22	31.24	13.50	150.92	64.96	46 617.93	65 073.29
459	+	0.00	0.00	43.19	0.00	668.69	6 210.46	112 359.91	29.69	13.50	463.65	205.04	47 081.58	65 278.33
460	+	0.00	0.00	41.36	0.00	846.55	6 210.46	113 206.46	27.86	13.50	576.55	270.00	47 658.13	65 548.33
461	+	0.00	0.00	40.02	0.00	814.75	6 210.46	114 021.21	26.52	13.50	544.75	270.00	48 202.88	65 818.33
462	+	0.00	0.00	35.65	0.00	757.74	6 210.46	114 778.95	22.15	13.50	487.74	270.00	48 690.62	66 088.33
463	+	0.00	0.00	32.84	0.00	685.97	6 210.46	115 464.92	19.34	13.50	415.97	270.00	49 106.59	66 358.33
464	+	0.00	0.00	28.61	0.00	615.18	6 210.46	116 080.10	15.11	13.50	345.18	270.00	49 451.77	66 628.33
465	+	0.00	0.00	22.81	0.00	514.73	6 210.46	116 594.83	9.31	13.50	244.73	270.00	49 696.50	66 898.33

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
465	+	15.67	0.00	18.60	0.00	325.32	6 210.46	116 920.15	5.48	13.12	116.65	208.67	49 813.15	67 107.00
466	+	0.00	0.00	18.07	0.00	79.34	6 210.46	116 999.49	5.17	12.90	23.05	56.29	49 836.20	67 163.29
467	+	0.00	0.00	15.85	0.00	340.75	6 210.46	117 340.24	7.83	8.02	131.49	209.26	49 967.69	67 372.55
468	+	0.00	0.00	13.08	0.00	291.10	6 210.46	117 631.34	6.04	7.04	140.40	150.70	50 108.09	67 523.25
469	+	0.00	0.00	11.59	0.00	248.69	6 210.46	117 880.03	6.05	5.54	122.58	126.11	50 230.67	67 649.36
470	+	0.00	0.09	12.18	0.93	240.15	6 211.39	118 120.18	7.16	5.02	133.95	106.20	50 364.62	67 755.56
471	+	0.00	0.46	10.92	5.50	233.62	6 216.89	118 353.80	6.43	4.49	137.81	95.81	50 502.43	67 851.37
472	+	0.00	0.25	7.59	7.08	187.25	6 223.97	118 541.05	3.55	4.04	101.27	85.98	50 603.70	67 937.35
473	+	0.00	0.00	6.66	2.54	144.15	6 226.51	118 685.20	2.58	4.08	62.27	81.88	50 665.97	68 019.23
473	+	6.53	0.00	5.56	0.02	39.95	6 226.53	118 725.15	1.75	3.81	14.14	25.81	50 680.11	68 045.04
474	+	0.00	0.00	5.13	0.02	72.48	6 226.55	118 797.63	0.62	4.51	16.14	56.34	50 696.25	68 101.38
475	+	0.00	0.00	4.83	0.00	99.86	6 226.55	118 897.49	0.36	4.47	9.85	90.01	50 706.10	68 191.39
476	+	0.00	0.00	2.13	0.00	69.59	6 226.55	118 967.08	0.11	2.02	4.66	64.93	50 710.76	68 256.32
476	+	4.53	0.00	2.20	0.00	9.82	6 226.55	118 976.90	0.08	2.12	0.42	9.40	50 711.18	68 265.72
477	+	0.00	0.00	2.16	0.00	33.77	6 226.55	119 010.67	0.02	2.14	0.78	32.99	50 711.96	68 298.71
478	+	0.00	0.61	1.09	6.11	32.61	6 232.66	119 043.28	0.00	1.09	0.22	32.39	50 712.18	68 331.10
479	+	0.00	0.20	0.18	8.14	12.74	6 240.80	119 056.02	0.00	0.18	0.00	12.74	50 712.18	68 343.84
480	+	0.00	1.91	0.00	21.09	1.79	6 261.89	119 057.81	0.00	0.00	0.00	1.79	50 712.18	68 345.63
481	+	0.00	2.93	0.00	48.36	-0.01	6 310.25	119 057.80	0.00	0.00	0.00	-0.01	50 712.18	68 345.62
482	+	0.00	4.43	0.00	73.63	0.00	6 383.88	119 057.80	0.00	0.00	0.00	0.00	50 712.18	68 345.62
483	+	0.00	7.08	0.00	115.12	0.00	6 499.00	119 057.80	0.00	0.00	0.00	0.00	50 712.18	68 345.62
484	+	0.00	6.25	-0.01	133.33	-0.01	6 632.33	119 057.79	0.00	-0.01	0.00	-0.01	50 712.18	68 345.61
485	+	0.00	9.00	0.00	152.51	0.00	6 784.84	119 057.79	0.00	0.00	0.00	0.00	50 712.18	68 345.61
486	+	0.00	9.49	0.00	184.84	0.00	6 969.68	119 057.79	0.00	0.00	0.00	0.00	50 712.18	68 345.61
487	+	0.00	9.39	0.00	188.74	0.00	7 158.42	119 057.79	0.00	0.00	0.00	0.00	50 712.18	68 345.61
488	+	0.00	9.82	0.00	192.10	0.00	7 350.52	119 057.79	0.00	0.00	0.00	0.00	50 712.18	68 345.61

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
489	+	0.00	9.31	0.00	191.35	-0.01	7 541.87	119 057.78	0.00	0.00	0.00	-0.01	50 712.18	68 345.60
490	+	0.00	9.14	0.00	184.51	0.00	7 726.38	119 057.78	0.00	0.00	0.00	0.00	50 712.18	68 345.60
491	+	0.00	4.90	0.01	140.36	0.06	7 866.74	119 057.84	0.00	0.01	0.00	0.06	50 712.18	68 345.66
492	+	0.00	5.50	0.00	103.95	0.05	7 970.69	119 057.89	0.00	0.00	0.00	0.05	50 712.18	68 345.71
493	+	0.00	2.79	0.00	82.92	-0.01	8 053.61	119 057.88	0.00	0.00	0.00	-0.01	50 712.18	68 345.70
494	+	0.00	2.37	0.86	51.67	8.68	8 105.28	119 066.56	0.00	0.86	0.00	8.68	50 712.18	68 354.38
495	+	0.00	0.00	7.02	23.74	78.97	8 129.02	119 145.53	0.69	6.33	6.94	72.03	50 719.12	68 426.41
496	+	0.00	0.00	7.86	0.00	148.87	8 129.02	119 294.40	1.15	6.71	18.41	130.46	50 737.53	68 556.87
497	+	0.00	0.00	11.66	0.00	195.22	8 129.02	119 489.62	1.00	10.66	21.49	173.73	50 759.02	68 730.60
498	+	0.00	0.00	18.34	0.00	300.03	8 129.02	119 789.65	5.14	13.20	61.37	238.66	50 820.39	68 969.26
499	+	0.00	0.00	22.11	0.00	404.47	8 129.02	120 194.12	8.61	13.50	137.44	267.03	50 957.83	69 236.29
500	+	0.00	0.00	24.75	0.00	468.61	8 129.02	120 662.73	11.25	13.50	198.61	270.00	51 156.44	69 506.29
500	+	8.37	0.00	24.71	0.00	207.06	8 129.02	120 869.79	11.21	13.50	94.03	113.03	51 250.47	69 619.32
501	+	0.00	0.00	25.87	0.00	293.79	8 129.02	121 163.58	12.37	13.50	136.82	156.97	51 387.29	69 776.29
502	+	0.00	0.00	28.11	0.00	540.10	8 129.02	121 703.68	14.61	13.50	270.10	270.00	51 657.39	70 046.29
503	+	0.00	0.00	28.40	0.00	566.25	8 129.02	122 269.93	14.90	13.50	296.25	270.00	51 953.64	70 316.29
503	+	6.37	0.00	27.28	0.00	177.40	8 129.02	122 447.33	13.78	13.50	91.37	86.03	52 045.01	70 402.32
504	+	0.00	0.00	25.33	0.00	359.11	8 129.02	122 806.44	11.83	13.50	175.14	183.97	52 220.15	70 586.29
505	+	0.00	0.00	17.10	0.00	424.57	8 129.02	123 231.01	3.60	13.50	154.57	270.00	52 374.72	70 856.29
506	+	0.00	0.02	7.93	0.21	250.75	8 129.23	123 481.76	1.65	6.28	52.74	198.01	52 427.46	71 054.30
507	+	0.00	7.38	0.00	73.50	79.71	8 202.73	123 561.47	0.00	0.00	16.70	63.01	52 444.16	71 117.31
508	+	0.00	11.47	0.00	187.58	-0.01	8 390.31	123 561.46	0.00	0.00	0.00	-0.01	52 444.16	71 117.30
509	+	0.00	13.94	0.00	253.50	0.00	8 643.81	123 561.46	0.00	0.00	0.00	0.00	52 444.16	71 117.30
509	+	10.83	14.97	0.00	156.22	0.00	8 800.03	123 561.46	0.00	0.00	0.00	0.00	52 444.16	71 117.30
510	+	0.00	15.02	0.00	137.11	0.00	8 937.14	123 561.46	0.00	0.00	0.00	0.00	52 444.16	71 117.30
511	+	0.00	12.70	0.00	276.09	-0.01	9 213.23	123 561.45	0.00	0.00	0.00	-0.01	52 444.16	71 117.29

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
512	+	0.00	5.14	0.00	177.47	0.00	9 390.70	123 561.45	0.00	0.00	0.00	0.00	52 444.16	71 117.29
513	+	0.00	4.44	0.00	95.57	0.00	9 486.27	123 561.45	0.00	0.00	0.00	0.00	52 444.16	71 117.29
514	+	0.00	5.44	0.13	98.66	1.37	9 584.93	123 562.82	0.06	0.07	0.65	0.72	52 444.81	71 118.01
515	+	0.00	4.43	1.63	98.17	17.90	9 683.10	123 580.72	0.28	1.35	3.48	14.42	52 448.29	71 132.43
515	+	15.29	3.55	3.25	60.49	37.78	9 743.59	123 618.50	0.61	2.64	6.91	30.87	52 455.20	71 163.30
516	+	0.00	2.80	3.57	14.96	16.07	9 758.55	123 634.57	0.64	2.93	2.95	13.12	52 458.15	71 176.42
517	+	0.00	1.07	4.86	38.30	84.82	9 796.85	123 719.39	0.57	4.29	12.22	72.60	52 470.37	71 249.02
518	+	0.00	0.78	2.65	18.35	75.22	9 815.20	123 794.61	0.09	2.56	6.63	68.59	52 477.00	71 317.61
518	+	13.29	0.85	1.52	10.85	27.75	9 826.05	123 822.36	0.00	1.52	0.60	27.15	52 477.60	71 344.76
519	+	0.00	1.10	1.15	6.54	8.95	9 832.59	123 831.31	0.00	1.15	0.00	8.95	52 477.60	71 353.71
520	+	0.00	3.02	0.23	41.12	13.68	9 873.71	123 844.99	0.00	0.23	0.00	13.68	52 477.60	71 367.39
521	+	0.00	5.54	0.00	85.61	2.25	9 959.32	123 847.24	0.00	0.00	0.00	2.25	52 477.60	71 369.64
522	+	0.00	3.38	0.01	89.21	0.06	10 048.53	123 847.30	0.00	0.01	0.00	0.06	52 477.60	71 369.70
522	+	14.92	3.72	0.00	52.97	0.05	10 101.50	123 847.35	0.00	0.00	0.00	0.05	52 477.60	71 369.75
523	+	0.00	3.55	0.06	18.48	0.15	10 119.98	123 847.50	0.03	0.03	0.07	0.08	52 477.67	71 369.83
524	+	0.00	3.91	0.64	74.67	6.98	10 194.65	123 854.48	0.08	0.56	1.03	5.95	52 478.70	71 375.78
525	+	0.00	3.61	2.09	74.88	27.51	10 269.53	123 881.99	0.18	1.91	2.60	24.91	52 481.30	71 400.69
525	+	12.92	4.07	2.53	49.17	30.20	10 318.70	123 912.19	0.27	2.26	2.99	27.21	52 484.29	71 427.90
526	+	0.00	3.81	2.59	27.58	18.31	10 346.28	123 930.50	0.19	2.40	1.67	16.64	52 485.96	71 444.54
527	+	0.00	3.57	2.15	72.95	47.91	10 419.23	123 978.41	0.24	1.91	4.38	43.53	52 490.34	71 488.07
527	+	13.81	3.67	1.00	49.43	22.08	10 468.66	124 000.49	0.11	0.89	2.47	19.61	52 492.81	71 507.68
528	+	0.00	4.71	0.98	25.92	6.13	10 494.58	124 006.62	0.15	0.83	0.81	5.32	52 493.62	71 513.00
529	+	0.00	5.52	1.03	101.13	20.27	10 595.71	124 026.89	0.11	0.92	2.61	17.66	52 496.23	71 530.66
529	+	14.70	8.18	0.05	99.78	7.94	10 695.49	124 034.83	0.01	0.04	0.84	7.10	52 497.07	71 537.76
530	+	0.00	9.46	0.00	46.72	0.11	10 742.21	124 034.94	0.00	0.00	0.01	0.10	52 497.08	71 537.86
531	+	0.00	8.54	0.00	179.24	0.00	10 921.45	124 034.94	0.00	0.00	0.00	0.00	52 497.08	71 537.86

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
532	+	0.00	10.30	0.00	188.04	0.00	11 109.49	124 034.94	0.00	0.00	0.00	0.00	52 497.08	71 537.86
532	+	12.70	11.07	0.00	135.73	-0.01	11 245.22	124 034.93	0.00	0.00	0.00	-0.01	52 497.08	71 537.85
533	+	0.00	12.09	0.00	84.49	0.00	11 329.71	124 034.93	0.00	0.00	0.00	0.00	52 497.08	71 537.85
534	+	0.00	14.48	0.00	265.70	0.00	11 595.41	124 034.93	0.00	0.00	0.00	0.00	52 497.08	71 537.85
535	+	0.00	13.72	0.00	282.02	0.00	11 877.43	124 034.93	0.00	0.00	0.00	0.00	52 497.08	71 537.85
536	+	0.00	13.33	0.00	270.52	-0.01	12 147.95	124 034.92	0.00	0.00	0.00	-0.01	52 497.08	71 537.84
537	+	0.00	11.43	0.00	247.58	0.00	12 395.53	124 034.92	0.00	0.00	0.00	0.00	52 497.08	71 537.84
538	+	0.00	10.70	0.00	221.30	0.00	12 616.83	124 034.92	0.00	0.00	0.00	0.00	52 497.08	71 537.84
539	+	0.00	11.62	0.00	223.16	0.00	12 839.99	124 034.92	0.00	0.00	0.00	0.00	52 497.08	71 537.84
540	+	0.00	11.83	0.00	234.43	0.00	13 074.42	124 034.92	0.00	0.00	0.00	0.00	52 497.08	71 537.84
541	+	0.00	13.02	0.00	248.48	0.00	13 322.90	124 034.92	0.00	0.00	0.00	0.00	52 497.08	71 537.84
542	+	0.00	14.21	0.00	272.30	0.00	13 595.20	124 034.92	0.00	0.00	0.00	0.00	52 497.08	71 537.84
543	+	0.00	15.76	0.00	299.74	0.00	13 894.94	124 034.92	0.00	0.00	0.00	0.00	52 497.08	71 537.84
544	+	0.00	16.74	0.00	325.06	0.00	14 220.00	124 034.92	0.00	0.00	0.00	0.00	52 497.08	71 537.84
545	+	0.00	17.80	0.00	345.41	0.00	14 565.41	124 034.92	0.00	0.00	0.00	0.00	52 497.08	71 537.84
546	+	0.00	19.37	0.00	371.65	-0.01	14 937.06	124 034.91	0.00	0.00	0.00	-0.01	52 497.08	71 537.83
547	+	0.00	22.07	0.00	414.37	0.00	15 351.43	124 034.91	0.00	0.00	0.00	0.00	52 497.08	71 537.83
548	+	0.00	21.95	0.00	440.18	0.00	15 791.61	124 034.91	0.00	0.00	0.00	0.00	52 497.08	71 537.83
549	+	0.00	22.28	0.00	442.30	0.00	16 233.91	124 034.91	0.00	0.00	0.00	0.00	52 497.08	71 537.83
550	+	0.00	21.43	0.00	437.08	0.00	16 670.99	124 034.91	0.00	0.00	0.00	0.00	52 497.08	71 537.83
551	+	0.00	19.40	0.00	408.26	0.00	17 079.25	124 034.91	0.00	0.00	0.00	0.00	52 497.08	71 537.83
552	+	0.00	17.07	0.00	364.69	-0.01	17 443.94	124 034.90	0.00	0.00	0.00	-0.01	52 497.08	71 537.82
553	+	0.00	11.70	0.00	287.68	-0.01	17 731.62	124 034.89	0.00	0.00	0.00	-0.01	52 497.08	71 537.81
554	+	0.00	5.96	0.00	176.63	0.00	17 908.25	124 034.89	0.00	0.00	0.00	0.00	52 497.08	71 537.81
555	+	0.00	0.02	1.26	59.85	12.66	17 968.10	124 047.55	0.31	0.95	3.12	9.54	52 500.20	71 547.35
555	+	9.61	0.00	4.46	0.11	27.53	17 968.21	124 075.08	0.45	4.01	3.66	23.87	52 503.86	71 571.22

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
556	+	0.00	0.00	8.25	0.00	66.06	17 968.21	124 141.14	1.29	6.96	9.06	57.00	52 512.92	71 628.22
557	+	0.00	0.00	13.72	0.00	219.82	17 968.21	124 360.96	5.62	8.10	69.20	150.62	52 582.12	71 778.84
557	+	17.61	0.00	20.42	0.00	300.93	17 968.21	124 661.89	6.93	13.49	110.82	190.11	52 692.94	71 968.95
558	+	0.00	0.00	20.89	0.00	49.36	17 968.21	124 711.25	7.39	13.50	17.11	32.25	52 710.05	72 001.20
559	+	0.00	0.00	26.33	0.00	472.31	17 968.21	125 183.56	12.83	13.50	202.31	270.00	52 912.36	72 271.20
560	+	0.00	0.00	26.03	0.00	523.49	17 968.21	125 707.05	12.53	13.50	253.49	270.00	53 165.85	72 541.20
560	+	3.53	0.00	24.82	0.00	89.83	17 968.21	125 796.88	11.32	13.50	42.13	47.70	53 207.98	72 588.90
561	+	0.00	0.00	23.74	0.00	399.66	17 968.21	126 196.54	10.24	13.50	177.36	222.30	53 385.34	72 811.20
562	+	0.00	0.00	18.49	0.00	422.32	17 968.21	126 618.86	4.99	13.50	152.32	270.00	53 537.66	73 081.20
562	+	9.46	0.00	18.78	0.00	176.38	17 968.21	126 795.24	5.57	13.21	50.07	126.31	53 587.73	73 207.51
563	+	0.00	0.00	20.03	0.00	204.91	17 968.21	127 000.15	6.53	13.50	64.08	140.83	53 651.81	73 348.34
564	+	0.00	0.00	22.55	0.00	426.26	17 968.21	127 426.41	9.05	13.50	156.26	270.00	53 808.07	73 618.34
564	+	17.46	0.00	21.29	0.00	382.65	17 968.21	127 809.06	7.79	13.50	146.99	235.66	53 955.06	73 854.00
565	+	0.00	0.00	20.51	0.00	53.16	17 968.21	127 862.22	7.01	13.50	18.82	34.34	53 973.88	73 888.34
566	+	0.00	0.00	22.01	0.00	425.24	17 968.21	128 287.46	8.51	13.50	155.24	270.00	54 129.12	74 158.34
567	+	0.00	0.00	16.96	0.00	389.72	17 968.21	128 677.18	3.51	13.45	120.19	269.53	54 249.31	74 427.87
568	+	0.00	0.00	19.16	0.00	361.12	17 968.21	129 038.30	5.83	13.33	93.33	267.79	54 342.64	74 695.66
569	+	0.00	0.00	20.10	0.00	392.48	17 968.21	129 430.78	6.60	13.50	124.22	268.26	54 466.86	74 963.92
570	+	0.00	0.00	23.76	0.00	438.58	17 968.21	129 869.36	10.26	13.50	168.58	270.00	54 635.44	75 233.92
571	+	0.00	0.00	21.68	0.00	454.48	17 968.21	130 323.84	8.19	13.49	184.55	269.93	54 819.99	75 503.85
572	+	0.00	0.00	24.76	0.00	464.42	17 968.21	130 788.26	11.26	13.50	194.49	269.93	55 014.48	75 773.78
573	+	0.00	0.00	22.53	0.00	472.88	17 968.21	131 261.14	9.03	13.50	202.88	270.00	55 217.36	76 043.78
574	+	0.00	0.00	23.97	0.00	464.98	17 968.21	131 726.12	10.47	13.50	194.98	270.00	55 412.34	76 313.78
575	+	0.00	0.00	25.33	0.00	492.92	17 968.21	132 219.04	11.83	13.50	222.92	270.00	55 635.26	76 583.78
575	+	15.34	0.00	26.13	0.00	394.56	17 968.21	132 613.60	12.63	13.50	187.52	207.04	55 822.78	76 790.82
576	+	0.00	0.00	28.60	0.00	127.62	17 968.21	132 741.22	15.10	13.50	64.66	62.96	55 887.44	76 853.78

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
577	+	0.00	0.00	30.41	0.00	590.04	17 968.21	133 331.26	16.91	13.50	320.04	270.00	56 207.48	77 123.78
578	+	0.00	0.00	32.32	0.00	628.30	17 968.21	133 959.56	18.82	13.50	358.30	270.00	56 565.78	77 393.78
578	+	13.34	0.00	30.31	0.00	419.03	17 968.21	134 378.59	16.81	13.50	238.99	180.04	56 804.77	77 573.82
579	+	0.00	0.00	28.90	0.00	197.28	17 968.21	134 575.87	15.40	13.50	107.32	89.96	56 912.09	77 663.78
580	+	0.00	0.00	28.09	0.00	572.23	17 968.21	135 148.10	14.59	13.50	302.23	270.00	57 214.32	77 933.78
580	+	1.82	0.00	28.04	0.00	51.14	17 968.21	135 199.24	14.54	13.50	26.54	24.60	57 240.86	77 958.38
581	+	0.00	0.00	25.90	0.00	491.89	17 968.21	135 691.13	12.40	13.50	246.49	245.40	57 487.35	78 203.78
581	+	10.31	0.00	26.38	0.00	270.37	17 968.21	135 961.50	12.88	13.50	131.22	139.15	57 618.57	78 342.93
582	+	0.00	0.00	26.96	0.00	259.12	17 968.21	136 220.62	13.46	13.50	128.27	130.85	57 746.84	78 473.78
583	+	0.00	0.00	19.16	0.00	461.72	17 968.21	136 682.34	5.69	13.47	192.05	269.67	57 938.89	78 743.45
584	+	0.00	0.00	15.71	0.00	348.70	17 968.21	137 031.04	2.75	12.96	84.44	264.26	58 023.33	79 007.71
584	+	8.31	0.00	15.96	0.00	131.54	17 968.21	137 162.58	2.75	13.21	22.85	108.69	58 046.18	79 116.40
585	+	0.00	0.00	16.72	0.00	191.04	17 968.21	137 353.62	3.22	13.50	34.91	156.13	58 081.09	79 272.53
586	+	0.00	0.00	18.29	0.00	350.07	17 968.21	137 703.69	4.79	13.50	80.10	269.97	58 161.19	79 542.50
587	+	0.00	0.00	19.22	0.00	375.11	17 968.21	138 078.80	5.72	13.50	105.11	270.00	58 266.30	79 812.50
588	+	0.00	0.00	20.25	0.00	394.75	17 968.21	138 473.55	6.75	13.50	124.78	269.97	58 391.08	80 082.47
589	+	0.00	0.00	21.18	0.00	414.35	17 968.21	138 887.90	7.69	13.49	144.44	269.91	58 535.52	80 352.38
590	+	0.00	0.00	17.86	0.00	390.46	17 968.21	139 278.36	4.36	13.50	120.52	269.94	58 656.04	80 622.32
591	+	0.00	0.04	11.66	0.43	295.21	17 968.64	139 573.57	0.65	11.01	50.13	245.08	58 706.17	80 867.40
592	+	0.00	2.72	10.04	27.61	217.01	17 996.25	139 790.58	1.22	8.82	18.72	198.29	58 724.89	81 065.69
593	+	0.00	2.41	11.43	51.31	214.74	18 047.56	140 005.32	1.88	9.55	31.03	183.71	58 755.92	81 249.40
594	+	0.00	3.74	10.17	61.49	215.98	18 109.05	140 221.30	1.73	8.44	36.15	179.83	58 792.07	81 429.23
595	+	0.00	0.23	12.10	39.70	222.72	18 148.75	140 444.02	1.22	10.88	29.55	193.17	58 821.62	81 622.40
595	+	7.51	0.82	10.02	3.94	83.04	18 152.69	140 527.06	3.54	6.48	17.88	65.16	58 839.50	81 687.56
596	+	0.00	0.43	6.21	7.75	101.36	18 160.44	140 628.42	0.32	5.89	24.16	77.20	58 863.66	81 764.76
597	+	0.00	3.88	0.17	42.90	63.87	18 203.34	140 692.29	0.00	0.17	3.25	60.62	58 866.91	81 825.38

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
598	+	0.00	16.37	0.00	201.72	1.73	18 405.06	140 694.02	0.00	0.00	0.00	1.73	58 866.91	81 827.11
598	+	5.51	18.41	0.00	95.76	0.00	18 500.82	140 694.02	0.00	0.00	0.00	0.00	58 866.91	81 827.11
599	+	0.00	26.67	0.00	325.60	0.00	18 826.42	140 694.02	0.00	0.00	0.00	0.00	58 866.91	81 827.11
600	+	0.00	23.33	0.00	498.83	0.00	19 325.25	140 694.02	0.00	0.00	0.00	0.00	58 866.91	81 827.11
601	+	0.00	16.36	0.00	395.54	0.00	19 720.79	140 694.02	0.00	0.00	0.00	0.00	58 866.91	81 827.11
602	+	0.00	14.21	0.00	303.61	-0.01	20 024.40	140 694.01	0.00	0.00	0.00	-0.01	58 866.91	81 827.10
603	+	0.00	4.52	3.28	185.81	33.16	20 210.21	140 727.17	0.19	3.09	1.95	31.21	58 868.86	81 858.31
603	+	11.30	3.08	5.78	42.44	51.61	20 252.65	140 778.78	1.02	4.76	6.93	44.68	58 875.79	81 902.99
604	+	0.00	2.10	7.48	22.25	58.12	20 274.90	140 836.90	2.13	5.35	13.83	44.29	58 889.62	81 947.28
605	+	0.00	0.68	10.30	27.44	178.90	20 302.34	141 015.80	3.77	6.53	59.47	119.43	58 949.09	82 066.71
606	+	0.00	0.00	13.50	6.73	239.05	20 309.07	141 254.85	5.66	7.84	95.01	144.04	59 044.10	82 210.75
607	+	0.00	0.00	13.09	0.00	266.86	20 309.07	141 521.71	5.01	8.08	107.56	159.30	59 151.66	82 370.05
608	+	0.00	0.90	4.85	8.88	180.45	20 317.95	141 702.16	1.15	3.70	62.27	118.18	59 213.93	82 488.23
608	+	17.08	2.58	1.08	29.48	51.24	20 347.43	141 753.40	0.20	0.88	11.72	39.52	59 225.65	82 527.75
609	+	0.00	3.22	0.83	8.46	2.76	20 355.89	141 756.16	0.17	0.66	0.53	2.23	59 226.18	82 529.98
610	+	0.00	4.63	0.08	78.14	9.14	20 434.03	141 765.30	0.01	0.07	1.83	7.31	59 228.01	82 537.29
611	+	0.00	6.95	0.00	115.56	0.81	20 549.59	141 766.11	0.00	0.00	0.15	0.66	59 228.16	82 537.95
611	+	15.08	11.15	0.00	136.45	0.00	20 686.04	141 766.11	0.00	0.00	0.00	0.00	59 228.16	82 537.95
612	+	0.00	12.78	0.00	58.83	-0.01	20 744.87	141 766.10	0.00	0.00	0.00	-0.01	59 228.16	82 537.94
613	+	0.00	11.70	0.00	244.81	0.00	20 989.68	141 766.10	0.00	0.00	0.00	0.00	59 228.16	82 537.94
614	+	0.00	6.73	0.00	184.28	0.00	21 173.96	141 766.10	0.00	0.00	0.00	0.00	59 228.16	82 537.94
615	+	0.00	5.18	0.00	119.10	0.00	21 293.06	141 766.10	0.00	0.00	0.00	0.00	59 228.16	82 537.94
616	+	0.00	3.21	0.00	83.85	0.00	21 376.91	141 766.10	0.00	0.00	0.00	0.00	59 228.16	82 537.94
617	+	0.00	3.40	0.00	66.09	0.00	21 443.00	141 766.10	0.00	0.00	0.00	0.00	59 228.16	82 537.94
618	+	0.00	0.80	0.61	41.98	6.06	21 484.98	141 772.16	0.00	0.61	0.00	6.06	59 228.16	82 544.00
619	+	0.00	0.44	2.05	12.34	26.51	21 497.32	141 798.67	0.03	2.02	0.26	26.25	59 228.42	82 570.25

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
620	+	0.00	0.04	3.57	4.79	56.19	21 502.11	141 854.86	0.00	3.57	0.25	55.94	59 228.67	82 626.19
621	+	0.00	0.01	4.30	0.49	78.76	21 502.60	141 933.62	0.00	4.30	0.01	78.75	59 228.68	82 704.94
622	+	0.00	0.00	5.24	0.08	95.38	21 502.68	142 029.00	0.05	5.19	0.49	94.89	59 229.17	82 799.83
623	+	0.00	0.00	8.44	0.00	136.82	21 502.68	142 165.82	0.81	7.63	8.57	128.25	59 237.74	82 928.08
624	+	0.00	0.00	9.10	0.00	175.41	21 502.68	142 341.23	1.26	7.84	20.69	154.72	59 258.43	83 082.80
625	+	0.00	0.00	7.05	0.00	161.46	21 502.68	142 502.69	0.25	6.80	15.05	146.41	59 273.48	83 229.21
626	+	0.00	0.00	5.50	0.00	125.49	21 502.68	142 628.18	0.26	5.24	5.01	120.48	59 278.49	83 349.69
627	+	0.00	0.00	8.61	0.00	141.10	21 502.68	142 769.28	0.77	7.84	10.22	130.88	59 288.71	83 480.57
628	+	0.00	0.00	12.22	0.00	208.25	21 502.68	142 977.53	4.26	7.96	50.26	157.99	59 338.97	83 638.56
629	+	0.00	0.00	7.57	0.00	197.84	21 502.68	143 175.37	1.27	6.30	55.32	142.52	59 394.29	83 781.08
630	+	0.00	0.00	2.99	0.00	105.55	21 502.68	143 280.92	0.22	2.77	14.91	90.64	59 409.20	83 871.72
631	+	0.00	1.05	0.05	10.54	30.45	21 513.22	143 311.37	0.00	0.05	2.21	28.24	59 411.41	83 899.96
632	+	0.00	2.16	0.06	32.12	1.15	21 545.34	143 312.52	0.00	0.06	0.04	1.11	59 411.45	83 901.07
633	+	0.00	2.96	0.19	51.15	2.49	21 596.49	143 315.01	0.01	0.18	0.14	2.35	59 411.59	83 903.42
634	+	0.00	1.31	0.08	42.66	2.71	21 639.15	143 317.72	0.00	0.08	0.13	2.58	59 411.72	83 906.00
635	+	0.00	0.17	1.28	14.78	13.57	21 653.93	143 331.29	0.05	1.23	0.50	13.07	59 412.22	83 919.07
636	+	0.00	0.00	2.48	1.69	37.63	21 655.62	143 368.92	0.14	2.34	1.90	35.73	59 414.12	83 954.80
637	+	0.00	0.00	5.41	0.00	78.94	21 655.62	143 447.86	0.29	5.12	4.29	74.65	59 418.41	84 029.45
638	+	0.00	0.00	10.67	0.00	160.88	21 655.62	143 608.74	2.67	8.00	29.63	131.25	59 448.04	84 160.70
639	+	0.00	0.00	14.18	0.00	248.56	21 655.62	143 857.30	6.08	8.10	87.54	161.02	59 535.58	84 321.72
640	+	0.00	0.00	19.46	0.00	336.47	21 655.62	144 193.77	6.24	13.22	123.22	213.25	59 658.80	84 534.97
641	+	0.00	0.00	20.10	0.00	395.72	21 655.62	144 589.49	6.60	13.50	128.47	267.25	59 787.27	84 802.22
642	+	0.00	0.00	19.06	0.00	391.69	21 655.62	144 981.18	5.56	13.50	121.69	270.00	59 908.96	85 072.22
643	+	0.00	0.00	16.62	0.00	356.85	21 655.62	145 338.03	3.12	13.50	86.85	270.00	59 995.81	85 342.22
644	+	0.00	0.00	18.51	0.00	351.35	21 655.62	145 689.38	5.01	13.50	81.35	270.00	60 077.16	85 612.22
645	+	0.00	0.00	19.52	0.00	380.39	21 655.62	146 069.77	6.02	13.50	110.39	270.00	60 187.55	85 882.22

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
646	+	0.00	0.00	18.89	0.00	384.12	21 655.62	146 453.89	5.39	13.50	114.12	270.00	60 301.67	86 152.22
647	+	0.00	0.00	19.17	0.00	380.53	21 655.62	146 834.42	5.67	13.50	110.53	270.00	60 412.20	86 422.22
648	+	0.00	0.00	19.67	0.00	388.32	21 655.62	147 222.74	6.17	13.50	118.32	270.00	60 530.52	86 692.22
649	+	0.00	0.00	19.89	0.00	395.54	21 655.62	147 618.28	6.39	13.50	125.54	270.00	60 656.06	86 962.22
650	+	0.00	0.00	18.65	0.00	385.35	21 655.62	148 003.63	5.15	13.50	115.35	270.00	60 771.41	87 232.22
650	+	1.53	0.00	19.28	0.00	28.92	21 655.62	148 032.55	5.78	13.50	8.33	20.59	60 779.74	87 252.81
651	+	0.00	0.00	21.34	0.00	375.14	21 655.62	148 407.69	7.84	13.50	125.73	249.41	60 905.47	87 502.22
652	+	0.00	0.00	21.11	0.00	424.25	21 655.62	148 831.94	7.61	13.50	154.25	270.00	61 059.72	87 772.22
652	+	9.53	0.00	20.24	0.00	197.22	21 655.62	149 029.16	6.78	13.46	68.80	128.42	61 128.52	87 900.64
653	+	0.00	0.00	24.49	0.00	234.58	21 655.62	149 263.74	10.99	13.50	93.35	141.23	61 221.87	88 041.87
654	+	0.00	0.00	20.27	0.00	448.05	21 655.62	149 711.79	6.77	13.50	178.05	270.00	61 399.92	88 311.87
654	+	7.80	0.00	20.22	0.00	158.27	21 655.62	149 870.06	6.72	13.50	52.98	105.29	61 452.90	88 417.16
655	+	0.00	0.00	19.18	0.00	241.07	21 655.62	150 111.13	6.12	13.06	78.98	162.09	61 531.88	88 579.25
656	+	0.00	0.00	17.13	0.00	364.49	21 655.62	150 475.62	9.03	8.10	152.79	211.70	61 684.67	88 790.95
656	+	6.07	0.00	15.98	0.00	100.55	21 655.62	150 576.17	7.88	8.10	51.35	49.20	61 736.02	88 840.15
657	+	0.00	0.00	16.34	0.00	225.83	21 655.62	150 802.00	8.24	8.10	113.03	112.80	61 849.05	88 952.95
658	+	0.00	0.00	15.98	0.00	323.80	21 655.62	151 125.80	7.88	8.10	161.80	162.00	62 010.85	89 114.95
658	+	14.07	0.00	14.56	0.00	214.91	21 655.62	151 340.71	6.46	8.10	100.91	114.00	62 111.76	89 228.95
659	+	0.00	0.00	13.91	0.00	84.38	21 655.62	151 425.09	5.81	8.10	36.38	48.00	62 148.14	89 276.95
660	+	0.00	0.00	12.45	0.00	263.67	21 655.62	151 688.76	4.35	8.10	101.67	162.00	62 249.81	89 438.95
661	+	0.00	0.00	10.93	0.00	233.87	21 655.62	151 922.63	2.84	8.09	71.95	161.92	62 321.76	89 600.87
662	+	0.00	0.00	7.91	0.00	188.46	21 655.62	152 111.09	0.79	7.12	36.36	152.10	62 358.12	89 752.97
663	+	0.00	0.00	5.31	0.00	132.20	21 655.62	152 243.29	0.28	5.03	10.69	121.51	62 368.81	89 874.48
664	+	0.00	0.00	2.90	0.00	82.03	21 655.62	152 325.32	0.14	2.76	4.12	77.91	62 372.93	89 952.39
665	+	0.00	0.00	0.73	0.00	36.19	21 655.62	152 361.51	0.02	0.71	1.51	34.68	62 374.44	89 987.07
666	+	0.00	0.83	0.25	8.31	9.77	21 663.93	152 371.28	0.01	0.24	0.22	9.55	62 374.66	89 996.62

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
667	+	0.00	1.51	0.12	23.41	3.64	21 687.34	152 374.92	0.01	0.11	0.11	3.53	62 374.77	90 000.15
668	+	0.00	1.03	0.26	25.37	3.74	21 712.71	152 378.66	0.01	0.25	0.19	3.55	62 374.96	90 003.70
669	+	0.00	0.64	0.11	16.71	3.75	21 729.42	152 382.41	0.00	0.11	0.13	3.62	62 375.09	90 007.32
670	+	0.00	0.74	0.14	13.82	2.52	21 743.24	152 384.93	0.00	0.14	0.00	2.52	62 375.09	90 009.84
671	+	0.00	1.20	0.10	19.36	2.39	21 762.60	152 387.32	0.00	0.10	0.00	2.39	62 375.09	90 012.23
672	+	0.00	2.25	0.04	34.49	1.45	21 797.09	152 388.77	0.00	0.04	0.00	1.45	62 375.09	90 013.68
673	+	0.00	2.55	0.01	48.04	0.59	21 845.13	152 389.36	0.00	0.01	0.00	0.59	62 375.09	90 014.27
674	+	0.00	3.25	0.00	58.04	0.16	21 903.17	152 389.52	0.00	0.00	0.00	0.16	62 375.09	90 014.43
675	+	0.00	4.12	0.00	73.67	0.00	21 976.84	152 389.52	0.00	0.00	0.00	0.00	62 375.09	90 014.43
676	+	0.00	4.44	0.00	85.60	0.00	22 062.44	152 389.52	0.00	0.00	0.00	0.00	62 375.09	90 014.43
677	+	0.00	4.40	0.00	88.49	0.00	22 150.93	152 389.52	0.00	0.00	0.00	0.00	62 375.09	90 014.43
678	+	0.00	4.21	0.00	86.11	0.00	22 237.04	152 389.52	0.00	0.00	0.00	0.00	62 375.09	90 014.43
679	+	0.00	3.34	0.00	75.49	0.00	22 312.53	152 389.52	0.00	0.00	0.00	0.00	62 375.09	90 014.43
680	+	0.00	3.78	0.14	71.19	1.39	22 383.72	152 390.91	0.02	0.12	0.24	1.15	62 375.33	90 015.58
681	+	0.00	4.97	0.00	87.50	1.43	22 471.22	152 392.34	0.00	0.00	0.25	1.18	62 375.58	90 016.76
682	+	0.00	5.38	0.01	103.55	0.15	22 574.77	152 392.49	0.00	0.01	0.02	0.13	62 375.60	90 016.89
683	+	0.00	5.20	0.00	105.83	0.12	22 680.60	152 392.61	0.00	0.00	0.01	0.11	62 375.61	90 017.00
684	+	0.00	6.85	0.00	120.53	-0.01	22 801.13	152 392.60	0.00	0.00	0.00	-0.01	62 375.61	90 016.99
685	+	0.00	7.82	0.00	146.68	0.00	22 947.81	152 392.60	0.00	0.00	0.00	0.00	62 375.61	90 016.99
686	+	0.00	7.84	0.00	156.59	-0.01	23 104.40	152 392.59	0.00	0.00	0.00	-0.01	62 375.61	90 016.98
687	+	0.00	7.43	0.00	152.70	0.00	23 257.10	152 392.59	0.00	0.00	0.00	0.00	62 375.61	90 016.98
688	+	0.00	7.23	0.00	146.60	-0.01	23 403.70	152 392.58	0.00	0.00	0.00	-0.01	62 375.61	90 016.97
689	+	0.00	6.89	0.00	141.21	0.00	23 544.91	152 392.58	0.00	0.00	0.00	0.00	62 375.61	90 016.97
690	+	0.00	4.58	0.00	114.62	0.00	23 659.53	152 392.58	0.00	0.00	0.00	0.00	62 375.61	90 016.97
691	+	0.00	3.57	0.00	81.48	0.00	23 741.01	152 392.58	0.00	0.00	0.00	0.00	62 375.61	90 016.97
692	+	0.00	1.83	0.02	54.02	0.22	23 795.03	152 392.80	0.00	0.02	0.00	0.22	62 375.61	90 017.19

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
693	+	0.00	0.48	0.40	23.14	4.28	23 818.17	152 397.08	0.00	0.40	0.00	4.28	62 375.61	90 021.47
694	+	0.00	0.12	1.63	6.04	20.30	23 824.21	152 417.38	0.02	1.61	0.17	20.13	62 375.78	90 041.60
695	+	0.00	0.05	2.09	1.65	37.06	23 825.86	152 454.44	0.01	2.08	0.25	36.81	62 376.03	90 078.41
696	+	0.00	0.03	3.05	0.73	51.36	23 826.59	152 505.80	0.02	3.03	0.31	51.05	62 376.34	90 129.46
697	+	0.00	0.00	3.50	0.28	65.53	23 826.87	152 571.33	0.04	3.46	0.62	64.91	62 376.96	90 194.37
698	+	0.00	0.00	3.87	0.00	73.74	23 826.87	152 645.07	0.03	3.84	0.70	73.04	62 377.66	90 267.41
699	+	0.00	0.00	5.67	0.00	95.47	23 826.87	152 740.54	0.12	5.55	1.53	93.94	62 379.19	90 361.35
700	+	0.00	0.00	8.06	0.00	137.28	23 826.87	152 877.82	0.83	7.23	9.50	127.78	62 388.69	90 489.13
701	+	0.00	0.00	8.61	0.00	166.64	23 826.87	153 044.46	1.17	7.44	19.93	146.71	62 408.62	90 635.84
702	+	0.00	0.00	9.14	0.00	177.49	23 826.87	153 221.95	1.40	7.74	25.65	151.84	62 434.27	90 787.68
703	+	0.00	0.00	10.57	0.00	197.09	23 826.87	153 419.04	2.54	8.03	39.38	157.71	62 473.65	90 945.39
704	+	0.00	0.00	11.67	0.00	222.42	23 826.87	153 641.46	3.58	8.09	61.23	161.19	62 534.88	91 106.58
705	+	0.00	0.00	11.22	0.00	228.95	23 826.87	153 870.41	3.13	8.09	67.14	161.81	62 602.02	91 268.39
706	+	0.00	0.00	12.45	0.00	236.73	23 826.87	154 107.14	4.35	8.10	74.80	161.93	62 676.82	91 430.32
707	+	0.00	0.00	11.60	0.00	240.53	23 826.87	154 347.67	3.50	8.10	78.53	162.00	62 755.35	91 592.32
708	+	0.00	0.00	11.95	0.00	235.54	23 826.87	154 583.21	3.85	8.10	73.54	162.00	62 828.89	91 754.32
709	+	0.00	0.00	12.13	0.00	240.83	23 826.87	154 824.04	4.03	8.10	78.83	162.00	62 907.72	91 916.32
710	+	0.00	0.00	11.61	0.00	237.37	23 826.87	155 061.41	3.51	8.10	75.37	162.00	62 983.09	92 078.32
710	+	11.67	0.00	10.87	0.00	131.15	23 826.87	155 192.56	2.77	8.10	36.64	94.51	63 019.73	92 172.83
711	+	0.00	0.00	10.49	0.00	88.99	23 826.87	155 281.55	2.39	8.10	21.50	67.49	63 041.23	92 240.32
712	+	0.00	0.00	9.79	0.00	202.84	23 826.87	155 484.39	1.72	8.07	41.11	161.73	63 082.34	92 402.05
713	+	0.00	0.00	9.01	0.00	188.05	23 826.87	155 672.44	1.16	7.85	28.83	159.22	63 111.17	92 561.27
714	+	0.00	0.00	9.45	0.00	184.64	23 826.87	155 857.08	1.41	8.04	25.71	158.93	63 136.88	92 720.20
715	+	0.00	0.00	9.33	0.00	187.94	23 826.87	156 045.02	1.28	8.05	26.97	160.97	63 163.85	92 881.17
716	+	0.00	0.00	9.28	0.00	186.24	23 826.87	156 231.26	1.49	7.79	27.78	158.46	63 191.63	93 039.63
716	+	13.68	0.00	9.09	0.00	125.74	23 826.87	156 357.00	1.20	7.89	18.44	107.30	63 210.07	93 146.93

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
717	+	0.00	0.00	8.77	0.00	56.50	23 826.87	156 413.50	1.04	7.73	7.10	49.40	63 217.17	93 196.33
718	+	0.00	0.00	9.33	0.00	181.07	23 826.87	156 594.57	1.32	8.01	23.67	157.40	63 240.84	93 353.73
719	+	0.00	0.00	10.16	0.00	194.87	23 826.87	156 789.44	2.20	7.96	35.19	159.68	63 276.03	93 513.41
720	+	0.00	0.00	11.30	0.00	214.59	23 826.87	157 004.03	3.20	8.10	53.96	160.63	63 329.99	93 674.04
721	+	0.00	0.00	11.26	0.00	225.64	23 826.87	157 229.67	3.16	8.10	63.64	162.00	63 393.63	93 836.04
722	+	0.00	0.00	11.65	0.00	229.18	23 826.87	157 458.85	3.55	8.10	67.18	162.00	63 460.81	93 998.04
722	+	15.69	0.00	11.14	0.00	178.81	23 826.87	157 637.66	3.04	8.10	51.71	127.10	63 512.52	94 125.14
723	+	0.00	0.00	10.89	0.00	47.45	23 826.87	157 685.11	2.79	8.10	12.55	34.90	63 525.07	94 160.04
724	+	0.00	0.00	11.96	0.00	228.52	23 826.87	157 913.63	3.86	8.10	66.52	162.00	63 591.59	94 322.04
725	+	0.00	0.00	11.63	0.00	235.97	23 826.87	158 149.60	3.53	8.10	73.97	162.00	63 665.56	94 484.04
726	+	0.00	0.00	10.95	0.00	225.87	23 826.87	158 375.47	2.85	8.10	63.87	162.00	63 729.43	94 646.04
727	+	0.00	0.00	10.31	0.00	212.55	23 826.87	158 588.02	2.42	7.89	52.69	159.86	63 782.12	94 805.90
728	+	0.00	0.00	11.82	0.00	221.28	23 826.87	158 809.30	3.76	8.06	61.78	159.50	63 843.90	94 965.40
729	+	0.00	0.00	12.06	0.00	238.88	23 826.87	159 048.18	4.03	8.03	77.90	160.98	63 921.80	95 126.38
730	+	0.00	0.00	11.85	0.00	239.09	23 826.87	159 287.27	3.97	7.88	79.98	159.11	64 001.78	95 285.49
731	+	0.00	0.00	12.24	0.00	240.85	23 826.87	159 528.12	4.44	7.80	84.12	156.73	64 085.90	95 442.22
732	+	0.00	0.00	11.75	0.00	239.89	23 826.87	159 768.01	3.98	7.77	84.24	155.65	64 170.14	95 597.87
733	+	0.00	0.00	11.80	0.00	235.59	23 826.87	160 003.60	3.94	7.86	79.26	156.33	64 249.40	95 754.20
734	+	0.00	0.00	10.46	0.00	222.70	23 826.87	160 226.30	2.55	7.91	64.92	157.78	64 314.32	95 911.98
735	+	0.00	0.00	11.94	0.00	224.03	23 826.87	160 450.33	4.02	7.92	65.68	158.35	64 380.00	96 070.33
736	+	0.00	0.00	10.09	0.00	220.27	23 826.87	160 670.60	2.39	7.70	64.09	156.18	64 444.09	96 226.51
737	+	0.00	0.00	10.39	0.00	204.73	23 826.87	160 875.33	2.78	7.61	51.66	153.07	64 495.75	96 379.58
738	+	0.00	0.00	9.22	0.00	196.00	23 826.87	161 071.33	2.35	6.87	51.24	144.76	64 546.99	96 524.34
739	+	0.00	0.00	7.64	0.00	168.59	23 826.87	161 239.92	1.01	6.63	33.57	135.02	64 580.56	96 659.36
740	+	0.00	0.00	7.84	0.00	154.87	23 826.87	161 394.79	1.71	6.13	27.21	127.66	64 607.77	96 787.02
741	+	0.00	0.44	6.69	4.40	145.34	23 831.27	161 540.13	1.60	5.09	33.09	112.25	64 640.86	96 899.27

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
742	+	0.00	0.71	7.45	11.52	141.49	23 842.79	161 681.62	2.71	4.74	43.12	98.37	64 683.98	96 997.64
743	+	0.00	0.00	5.72	7.14	131.75	23 849.93	161 813.37	1.16	4.56	38.74	93.01	64 722.72	97 090.65
744	+	0.00	0.00	3.88	0.02	96.04	23 849.95	161 909.41	0.33	3.55	14.92	81.12	64 737.64	97 171.77
745	+	0.00	0.00	4.76	0.00	86.45	23 849.95	161 995.86	0.55	4.21	8.85	77.60	64 746.49	97 249.37
746	+	0.00	0.00	2.78	0.00	75.37	23 849.95	162 071.23	0.25	2.53	7.99	67.38	64 754.48	97 316.75
746	+	11.82	0.00	4.13	0.00	40.87	23 849.95	162 112.10	0.62	3.51	5.12	35.75	64 759.60	97 352.50
747	+	0.00	0.00	4.24	0.00	34.26	23 849.95	162 146.36	0.63	3.61	5.12	29.14	64 764.72	97 381.64
748	+	0.00	0.00	3.91	0.01	81.64	23 849.96	162 228.00	0.71	3.20	13.42	68.22	64 778.14	97 449.86
749	+	0.00	0.09	2.97	0.86	69.19	23 850.82	162 297.19	0.70	2.27	14.21	54.98	64 792.35	97 504.84
749	+	9.82	0.24	2.61	1.59	27.79	23 852.41	162 324.98	0.54	2.07	6.24	21.55	64 798.59	97 526.39
750	+	0.00	0.00	2.86	1.21	28.17	23 853.62	162 353.15	0.36	2.50	4.70	23.47	64 803.29	97 549.86
751	+	0.00	0.00	4.46	0.00	73.63	23 853.62	162 426.78	0.33	4.13	7.04	66.59	64 810.33	97 616.45
752	+	0.00	0.00	5.80	0.00	103.19	23 853.62	162 529.97	0.26	5.54	6.09	97.10	64 816.42	97 713.55
753	+	0.00	0.00	7.44	0.00	133.16	23 853.62	162 663.13	0.52	6.92	8.04	125.12	64 824.46	97 838.67
753	+	19.92	0.00	6.88	0.00	143.39	23 853.62	162 806.52	0.44	6.44	9.81	133.58	64 834.27	97 972.25
754	+	0.00	0.00	6.87	0.00	0.59	23 853.62	162 807.11	0.44	6.43	0.04	0.55	64 834.31	97 972.80
755	+	0.00	0.00	7.98	0.00	149.03	23 853.62	162 956.14	0.95	7.03	14.08	134.95	64 848.39	98 107.75
756	+	0.00	0.00	8.51	0.00	165.48	23 853.62	163 121.62	1.65	6.86	26.48	139.00	64 874.87	98 246.75
757	+	0.00	0.00	7.78	0.00	164.11	23 853.62	163 285.73	2.32	5.46	40.67	123.44	64 915.54	98 370.19
758	+	0.00	0.00	8.12	0.00	160.92	23 853.62	163 446.65	2.98	5.14	54.29	106.63	64 969.83	98 476.82
758	+	10.01	0.00	8.65	0.00	85.11	23 853.62	163 531.76	3.32	5.33	32.26	52.85	65 002.09	98 529.67
759	+	0.00	0.00	8.76	0.00	88.01	23 853.62	163 619.77	2.99	5.77	32.15	55.86	65 034.24	98 585.53
760	+	0.00	0.00	8.07	0.00	169.42	23 853.62	163 789.19	1.80	6.27	48.53	120.89	65 082.77	98 706.42
761	+	0.00	0.00	6.43	0.00	145.36	23 853.62	163 934.55	0.89	5.54	27.04	118.32	65 109.81	98 824.74
761	+	8.01	0.00	4.73	0.00	44.66	23 853.62	163 979.21	0.19	4.54	4.30	40.36	65 114.11	98 865.10
762	+	0.00	0.00	4.38	0.00	54.61	23 853.62	164 033.82	0.22	4.16	2.44	52.17	65 116.55	98 917.27

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
763	+	0.00	0.00	3.78	0.00	81.61	23 853.62	164 115.43	0.12	3.66	3.37	78.24	65 119.92	98 995.51
764	+	0.00	0.00	2.95	0.00	67.25	23 853.62	164 182.68	0.18	2.77	2.96	64.29	65 122.88	99 059.80
765	+	0.00	0.00	1.91	0.00	48.57	23 853.62	164 231.25	0.14	1.77	3.20	45.37	65 126.08	99 105.17
766	+	0.00	0.04	1.15	0.35	30.47	23 853.97	164 261.72	0.13	1.02	2.65	27.82	65 128.73	99 132.99
767	+	0.00	0.25	1.75	2.86	28.98	23 856.83	164 290.70	0.10	1.65	2.29	26.69	65 131.02	99 159.68
768	+	0.00	0.26	3.53	5.08	52.88	23 861.91	164 343.58	0.27	3.26	3.77	49.11	65 134.79	99 208.79
769	+	0.00	0.09	2.18	3.46	57.18	23 865.37	164 400.76	0.01	2.17	2.89	54.29	65 137.68	99 263.08
770	+	0.00	0.12	4.43	2.04	66.17	23 867.41	164 466.93	0.22	4.21	2.35	63.82	65 140.03	99 326.90
771	+	0.00	0.00	4.03	1.16	84.56	23 868.57	164 551.49	0.15	3.88	3.68	80.88	65 143.71	99 407.78
772	+	0.00	0.00	4.55	0.00	85.82	23 868.57	164 637.31	0.13	4.42	2.80	83.02	65 146.51	99 490.80
773	+	0.00	0.00	3.26	0.00	78.18	23 868.57	164 715.49	0.20	3.06	3.33	74.85	65 149.84	99 565.65
774	+	0.00	0.00	2.65	0.00	59.17	23 868.57	164 774.66	0.13	2.52	3.33	55.84	65 153.17	99 621.49
775	+	0.00	0.00	1.92	0.00	45.74	23 868.57	164 820.40	0.12	1.80	2.49	43.25	65 155.66	99 664.74
776	+	0.00	0.00	2.23	0.00	41.56	23 868.57	164 861.96	0.20	2.03	3.22	38.34	65 158.88	99 703.08
777	+	0.00	0.00	5.12	0.00	73.58	23 868.57	164 935.54	0.80	4.32	10.07	63.51	65 168.95	99 766.59
778	+	0.00	0.00	6.16	0.00	112.77	23 868.57	165 048.31	0.50	5.66	13.00	99.77	65 181.95	99 866.36
779	+	0.00	0.00	8.83	0.00	149.84	23 868.57	165 198.15	1.39	7.44	18.89	130.95	65 200.84	99 997.31
780	+	0.00	0.00	10.23	0.00	190.56	23 868.57	165 388.71	2.13	8.10	35.20	155.36	65 236.04	100 152.67
781	+	0.00	0.00	15.37	0.00	256.02	23 868.57	165 644.73	7.27	8.10	94.02	162.00	65 330.06	100 314.67
782	+	0.00	0.00	18.19	0.00	335.64	23 868.57	165 980.37	4.69	13.50	119.64	216.00	65 449.70	100 530.67
782	+	5.62	0.00	19.44	0.00	105.66	23 868.57	166 086.03	5.94	13.50	29.85	75.81	65 479.55	100 606.48
783	+	0.00	0.00	22.20	0.00	299.47	23 868.57	166 385.50	8.70	13.50	105.28	194.19	65 584.83	100 800.67
784	+	0.00	0.00	23.54	0.00	457.50	23 868.57	166 843.00	10.04	13.50	187.50	270.00	65 772.33	101 070.67
785	+	0.00	0.00	25.35	0.00	489.39	23 868.57	167 332.39	11.85	13.50	219.39	270.00	65 991.72	101 340.67
785	+	5.62	0.00	25.90	0.00	143.90	23 868.57	167 476.29	12.40	13.50	68.09	75.81	66 059.81	101 416.48
786	+	0.00	0.00	25.24	0.00	368.61	23 868.57	167 844.90	11.74	13.50	174.42	194.19	66 234.23	101 610.67

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
787	+	0.00	0.00	22.82	0.00	481.79	23 868.57	168 326.69	9.32	13.50	211.79	270.00	66 446.02	101 880.67
788	+	0.00	0.00	18.19	0.00	411.38	23 868.57	168 738.07	5.58	12.61	150.24	261.14	66 596.26	102 141.81
789	+	0.00	0.00	12.02	0.00	303.24	23 868.57	169 041.31	4.37	7.65	100.58	202.66	66 696.84	102 344.47
790	+	0.00	0.00	11.20	0.00	233.19	23 868.57	169 274.50	4.10	7.10	85.62	147.57	66 782.46	102 492.04
791	+	0.00	0.00	10.19	0.00	214.84	23 868.57	169 489.34	3.26	6.93	74.35	140.49	66 856.81	102 632.53
792	+	0.00	0.00	12.12	0.00	223.96	23 868.57	169 713.30	4.33	7.79	76.55	147.41	66 933.36	102 779.94
793	+	0.00	0.00	17.66	0.00	298.49	23 868.57	170 011.79	4.62	13.04	90.11	208.38	67 023.47	102 988.32
794	+	0.00	0.00	24.23	0.00	419.59	23 868.57	170 431.38	10.73	13.50	154.18	265.41	67 177.65	103 253.73
794	+	8.49	0.00	27.45	0.00	219.64	23 868.57	170 651.02	13.95	13.50	105.07	114.57	67 282.72	103 368.30
795	+	0.00	0.00	32.97	0.00	348.38	23 868.57	170 999.40	19.47	13.50	192.95	155.43	67 475.67	103 523.73
796	+	0.00	0.00	38.35	0.00	714.36	23 868.57	171 713.76	24.85	13.50	444.36	270.00	67 920.03	103 793.73
797	+	0.00	0.00	44.68	0.00	831.67	23 868.57	172 545.43	31.18	13.50	561.67	270.00	68 481.70	104 063.73
798	+	0.00	0.00	44.04	0.00	888.48	23 868.57	173 433.91	30.54	13.50	618.48	270.00	69 100.18	104 333.73
799	+	0.00	0.00	36.22	0.00	803.44	23 868.57	174 237.35	22.72	13.50	533.44	270.00	69 633.62	104 603.73
800	+	0.00	0.00	26.67	0.00	629.43	23 868.57	174 866.78	13.17	13.50	359.43	270.00	69 993.05	104 873.73
801	+	0.00	0.00	17.26	0.00	439.86	23 868.57	175 306.64	4.25	13.01	174.75	265.11	70 167.80	105 138.84
802	+	0.00	0.00	10.52	0.00	278.66	23 868.57	175 585.30	3.48	7.04	78.02	200.64	70 245.82	105 339.48
803	+	0.00	0.00	6.35	0.00	169.63	23 868.57	175 754.93	1.47	4.88	50.02	119.61	70 295.84	105 459.09
803	+	11.36	0.08	4.75	0.46	63.48	23 869.03	175 818.41	0.61	4.14	11.94	51.54	70 307.78	105 510.63
804	+	0.00	0.19	3.56	1.14	36.11	23 870.17	175 854.52	0.25	3.31	3.74	32.37	70 311.52	105 543.00
805	+	0.00	0.70	0.15	8.91	37.25	23 879.08	175 891.77	0.00	0.15	2.52	34.73	70 314.04	105 577.73
806	+	0.00	1.80	0.18	25.04	3.35	23 904.12	175 895.12	0.00	0.18	0.00	3.35	70 314.04	105 581.08
806	+	11.36	2.06	0.29	21.94	2.74	23 926.06	175 897.86	0.00	0.29	0.00	2.74	70 314.04	105 583.82
807	+	0.00	1.10	0.42	13.66	3.09	23 939.72	175 900.95	0.03	0.39	0.14	2.95	70 314.18	105 586.77
808	+	0.00	2.94	0.18	40.39	6.04	23 980.11	175 906.99	0.00	0.18	0.33	5.71	70 314.51	105 592.48
809	+	0.00	3.65	0.10	65.92	2.88	24 046.03	175 909.87	0.00	0.10	0.00	2.88	70 314.51	105 595.36

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
810	+	0.00	0.87	1.26	45.17	13.55	24 091.20	175 923.42	0.01	1.25	0.07	13.48	70 314.58	105 608.84
811	+	0.00	0.00	5.68	8.66	69.29	24 099.86	175 992.71	0.23	5.45	2.37	66.92	70 316.95	105 675.76
812	+	0.00	0.00	12.26	0.00	179.39	24 099.86	176 172.10	0.78	11.48	10.15	169.24	70 327.10	105 845.00
813	+	0.00	0.00	20.87	0.00	331.28	24 099.86	176 503.38	7.40	13.47	81.81	249.47	70 408.91	106 094.47
814	+	0.00	0.00	27.06	0.00	479.28	24 099.86	176 982.66	13.56	13.50	209.59	269.69	70 618.50	106 364.16
815	+	0.00	0.00	30.57	0.00	576.30	24 099.86	177 558.96	17.07	13.50	306.30	270.00	70 924.80	106 634.16
816	+	0.00	0.00	31.71	0.00	622.75	24 099.86	178 181.71	18.21	13.50	352.75	270.00	71 277.55	106 904.16
817	+	0.00	0.00	32.34	0.00	640.51	24 099.86	178 822.22	18.84	13.50	370.51	270.00	71 648.06	107 174.16
818	+	0.00	0.00	36.79	0.00	691.34	24 099.86	179 513.56	23.29	13.50	421.34	270.00	72 069.40	107 444.16
818	+	2.63	0.00	35.97	0.00	95.56	24 099.86	179 609.12	22.47	13.50	60.10	35.46	72 129.50	107 479.62
819	+	0.00	0.00	33.92	0.00	607.09	24 099.86	180 216.21	20.42	13.50	372.55	234.54	72 502.05	107 714.16
820	+	0.00	0.00	31.26	0.00	652.56	24 099.86	180 868.77	17.76	13.50	382.56	270.00	72 884.61	107 984.16
821	+	0.00	0.00	26.30	0.00	577.20	24 099.86	181 445.97	12.90	13.40	308.20	269.00	73 192.81	108 253.16
821	+	2.63	0.00	25.49	0.00	68.01	24 099.86	181 513.98	12.17	13.32	32.92	35.09	73 225.73	108 288.25
822	+	0.00	0.00	21.82	0.00	412.62	24 099.86	181 926.60	8.91	12.91	184.73	227.89	73 410.46	108 516.14
822	+	18.69	0.00	18.79	0.00	380.91	24 099.86	182 307.51	6.54	12.25	145.71	235.20	73 556.17	108 751.34
823	+	0.00	0.00	18.76	0.00	24.66	24 099.86	182 332.17	6.50	12.26	8.57	16.09	73 564.74	108 767.43
824	+	0.00	0.00	18.94	0.00	378.41	24 099.86	182 710.58	6.45	12.49	130.67	247.74	73 695.41	109 015.17
824	+	14.75	0.00	20.64	0.00	292.70	24 099.86	183 003.28	7.47	13.17	103.42	189.28	73 798.83	109 204.45
825	+	0.00	0.00	22.13	0.00	112.33	24 099.86	183 115.61	8.73	13.40	42.54	69.79	73 841.37	109 274.24
826	+	0.00	0.00	25.57	0.00	477.96	24 099.86	183 593.57	12.07	13.50	208.90	269.06	74 050.27	109 543.30
827	+	0.00	0.00	26.92	0.00	524.90	24 099.86	184 118.47	13.42	13.50	254.90	270.00	74 305.17	109 813.30
827	+	14.75	0.00	27.58	0.00	401.86	24 099.86	184 520.33	14.08	13.50	202.78	199.08	74 507.95	110 012.38
828	+	0.00	0.00	27.28	0.00	144.10	24 099.86	184 664.43	13.78	13.50	73.18	70.92	74 581.13	110 083.30
829	+	0.00	0.00	26.91	0.00	541.87	24 099.86	185 206.30	13.41	13.50	271.87	270.00	74 853.00	110 353.30
830	+	0.00	0.00	25.83	0.00	527.38	24 099.86	185 733.68	12.33	13.50	257.38	270.00	75 110.38	110 623.30

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
831	+	0.00	0.00	25.31	0.00	511.40	24 099.86	186 245.08	11.81	13.50	241.40	270.00	75 351.78	110 893.30
832	+	0.00	0.00	24.47	0.00	497.80	24 099.86	186 742.88	10.97	13.50	227.80	270.00	75 579.58	111 163.30
833	+	0.00	0.00	24.34	0.00	488.09	24 099.86	187 230.97	10.84	13.50	218.09	270.00	75 797.67	111 433.30
834	+	0.00	0.00	24.15	0.00	484.90	24 099.86	187 715.87	10.65	13.50	214.90	270.00	76 012.57	111 703.30
835	+	0.00	0.00	23.75	0.00	478.97	24 099.86	188 194.84	10.25	13.50	208.97	270.00	76 221.54	111 973.30
836	+	0.00	0.00	22.36	0.00	461.04	24 099.86	188 655.88	8.86	13.50	191.04	270.00	76 412.58	112 243.30
837	+	0.00	0.00	19.80	0.00	421.61	24 099.86	189 077.49	6.30	13.50	151.61	270.00	76 564.19	112 513.30
838	+	0.00	0.00	19.41	0.00	392.14	24 099.86	189 469.63	5.91	13.50	122.14	270.00	76 686.33	112 783.30
839	+	0.00	0.00	17.43	0.00	368.41	24 099.86	189 838.04	4.10	13.33	100.11	268.30	76 786.44	113 051.60
840	+	0.00	0.00	11.60	0.00	290.26	24 099.86	190 128.30	4.07	7.53	81.68	208.58	76 868.12	113 260.18
841	+	0.00	0.00	9.03	0.00	206.27	24 099.86	190 334.57	2.60	6.43	66.64	139.63	76 934.76	113 399.81
842	+	0.00	0.11	5.58	1.13	146.21	24 100.99	190 480.78	0.60	4.98	32.02	114.19	76 966.78	113 514.00
843	+	0.00	0.62	3.13	7.29	87.14	24 108.28	190 567.92	0.14	2.99	7.44	79.70	76 974.22	113 593.70
844	+	0.00	2.08	0.11	26.97	32.34	24 135.25	190 600.26	0.00	0.11	1.39	30.95	76 975.61	113 624.65
845	+	0.00	4.78	0.00	68.62	1.10	24 203.87	190 601.36	0.00	0.00	0.00	1.10	76 975.61	113 625.75
846	+	0.00	5.87	0.00	106.48	0.00	24 310.35	190 601.36	0.00	0.00	0.00	0.00	76 975.61	113 625.75
847	+	0.00	5.86	0.00	117.26	0.00	24 427.61	190 601.36	0.00	0.00	0.00	0.00	76 975.61	113 625.75
848	+	0.00	4.96	0.00	108.23	0.00	24 535.84	190 601.36	0.00	0.00	0.00	0.00	76 975.61	113 625.75
849	+	0.00	0.17	0.25	51.29	2.48	24 587.13	190 603.84	0.00	0.25	0.00	2.48	76 975.61	113 628.23
850	+	0.00	0.24	1.34	4.02	15.82	24 591.15	190 619.66	0.02	1.32	0.19	15.63	76 975.80	113 643.86
851	+	0.00	0.36	3.06	5.94	43.94	24 597.09	190 663.60	0.00	3.06	0.19	43.75	76 975.99	113 687.61
852	+	0.00	0.36	3.85	7.17	69.06	24 604.26	190 732.66	0.05	3.80	0.46	68.60	76 976.45	113 756.21
853	+	0.00	0.90	2.40	12.59	62.53	24 616.85	190 795.19	0.05	2.35	0.99	61.54	76 977.44	113 817.75
854	+	0.00	1.54	1.18	24.36	35.83	24 641.21	190 831.02	0.02	1.16	0.75	35.08	76 978.19	113 852.83
855	+	0.00	2.25	0.83	37.85	19.97	24 679.06	190 850.99	0.01	0.82	0.29	19.68	76 978.48	113 872.51
856	+	0.00	1.22	0.75	34.69	15.71	24 713.75	190 866.70	0.01	0.74	0.17	15.54	76 978.65	113 888.05

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
857	+	0.00	0.73	0.98	19.51	17.36	24 733.26	190 884.06	0.00	0.98	0.12	17.24	76 978.77	113 905.29
858	+	0.00	0.56	1.33	12.93	23.15	24 746.19	190 907.21	0.03	1.30	0.31	22.84	76 979.08	113 928.13
859	+	0.00	1.41	1.12	19.69	24.50	24 765.88	190 931.71	0.02	1.10	0.51	23.99	76 979.59	113 952.12
860	+	0.00	1.42	0.74	28.25	18.67	24 794.13	190 950.38	0.04	0.70	0.66	18.01	76 980.25	113 970.13
861	+	0.00	1.65	1.27	30.67	20.12	24 824.80	190 970.50	0.03	1.24	0.75	19.37	76 981.00	113 989.50
862	+	0.00	1.81	1.00	34.63	22.77	24 859.43	190 993.27	0.06	0.94	0.96	21.81	76 981.96	114 011.31
863	+	0.00	1.73	0.22	35.42	12.27	24 894.85	191 005.54	0.00	0.22	0.64	11.63	76 982.60	114 022.94
864	+	0.00	2.98	0.00	47.06	2.16	24 941.91	191 007.70	0.00	0.00	0.00	2.16	76 982.60	114 025.10
865	+	0.00	2.60	0.07	55.76	0.64	24 997.67	191 008.34	0.00	0.07	0.00	0.64	76 982.60	114 025.74
866	+	0.00	2.99	0.08	55.84	1.43	25 053.51	191 009.77	0.00	0.08	0.00	1.43	76 982.60	114 027.17
867	+	0.00	2.61	0.04	55.94	1.14	25 109.45	191 010.91	0.00	0.04	0.00	1.14	76 982.60	114 028.31
868	+	0.00	1.74	0.31	43.48	3.43	25 152.93	191 014.34	0.00	0.31	0.01	3.42	76 982.61	114 031.73
869	+	0.00	0.31	1.00	20.49	13.02	25 173.42	191 027.36	0.00	1.00	0.02	13.00	76 982.63	114 044.73
870	+	0.00	0.00	2.45	3.08	34.48	25 176.50	191 061.84	0.02	2.43	0.23	34.25	76 982.86	114 078.98
871	+	0.00	0.00	5.37	0.00	78.20	25 176.50	191 140.04	0.18	5.19	1.99	76.21	76 984.85	114 155.19
872	+	0.00	0.00	8.43	0.00	138.00	25 176.50	191 278.04	0.76	7.67	9.38	128.62	76 994.23	114 283.81
872	+	1.20	0.00	8.54	0.00	10.16	25 176.50	191 288.20	0.78	7.76	0.92	9.24	76 995.15	114 293.05
873	+	0.00	0.00	11.31	0.00	186.54	25 176.50	191 474.74	3.21	8.10	37.46	149.08	77 032.61	114 442.13
874	+	0.00	0.00	14.31	0.00	256.18	25 176.50	191 730.92	6.21	8.10	94.18	162.00	77 126.79	114 604.13
875	+	0.00	0.00	16.19	0.00	304.97	25 176.50	192 035.89	2.74	13.45	89.49	215.48	77 216.28	114 819.61
876	+	0.00	0.00	17.67	0.00	338.66	25 176.50	192 374.55	4.17	13.50	69.18	269.48	77 285.46	115 089.09
876	+	11.20	0.00	18.66	0.00	203.39	25 176.50	192 577.94	5.16	13.50	52.23	151.16	77 337.69	115 240.25
877	+	0.00	0.00	19.89	0.00	169.65	25 176.50	192 747.59	6.39	13.50	50.81	118.84	77 388.50	115 359.09
878	+	0.00	0.00	22.05	0.00	419.56	25 176.50	193 167.15	8.55	13.50	149.56	270.00	77 538.06	115 629.09
879	+	0.00	0.00	26.63	0.00	486.96	25 176.50	193 654.11	13.13	13.50	216.96	270.00	77 755.02	115 899.09
880	+	0.00	0.00	29.54	0.00	561.96	25 176.50	194 216.07	16.04	13.50	291.96	270.00	78 046.98	116 169.09

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
880	+	15.39	0.00	33.42	0.00	484.72	25 176.50	194 700.79	19.92	13.50	277.00	207.72	78 323.98	116 376.81
881	+	0.00	0.00	34.06	0.00	155.66	25 176.50	194 856.45	20.56	13.50	93.38	62.28	78 417.36	116 439.09
882	+	0.00	0.00	35.15	0.00	692.60	25 176.50	195 549.05	21.65	13.50	422.60	270.00	78 839.96	116 709.09
883	+	0.00	0.00	34.70	0.00	698.85	25 176.50	196 247.90	21.20	13.50	428.85	270.00	79 268.81	116 979.09
884	+	0.00	0.00	36.84	0.00	715.86	25 176.50	196 963.76	23.34	13.50	445.86	270.00	79 714.67	117 249.09
884	+	19.58	0.00	35.54	0.00	708.92	25 176.50	197 672.68	22.04	13.50	444.64	264.28	80 159.31	117 513.37
885	+	0.00	0.00	35.49	0.00	15.05	25 176.50	197 687.73	21.99	13.50	9.33	5.72	80 168.64	117 519.09
886	+	0.00	0.00	32.18	0.00	677.10	25 176.50	198 364.83	18.68	13.50	407.10	270.00	80 575.74	117 789.09
887	+	0.00	0.00	28.26	0.00	604.44	25 176.50	198 969.27	14.76	13.50	334.44	270.00	80 910.18	118 059.09
888	+	0.00	0.00	25.02	0.00	532.76	25 176.50	199 502.03	11.52	13.50	262.76	270.00	81 172.94	118 329.09
889	+	0.00	0.00	21.56	0.00	465.80	25 176.50	199 967.83	8.06	13.50	195.80	270.00	81 368.74	118 599.09
889	+	9.58	0.00	18.42	0.00	191.43	25 176.50	200 159.26	4.92	13.50	62.15	129.28	81 430.89	118 728.37
890	+	0.00	0.00	17.18	0.00	185.50	25 176.50	200 344.76	3.76	13.42	45.20	140.30	81 476.09	118 868.67
891	+	0.00	0.00	12.34	0.00	295.14	25 176.50	200 639.90	0.70	11.64	44.56	250.58	81 520.65	119 119.25
892	+	0.00	0.00	8.48	0.00	208.19	25 176.50	200 848.09	1.22	7.26	19.20	188.99	81 539.85	119 308.24
893	+	0.00	0.00	6.15	0.00	146.33	25 176.50	200 994.42	0.44	5.71	16.57	129.76	81 556.42	119 438.00
894	+	0.00	0.00	3.78	0.00	99.29	25 176.50	201 093.71	0.02	3.76	4.55	94.74	81 560.97	119 532.74
895	+	0.00	0.00	3.62	0.00	74.02	25 176.50	201 167.73	0.03	3.59	0.52	73.50	81 561.49	119 606.24
896	+	0.00	0.01	3.05	0.07	66.68	25 176.57	201 234.41	0.08	2.97	1.13	65.55	81 562.62	119 671.79
897	+	0.00	0.00	4.70	0.07	77.47	25 176.64	201 311.88	0.13	4.57	2.12	75.35	81 564.74	119 747.14
898	+	0.00	0.00	5.33	0.00	100.33	25 176.64	201 412.21	0.19	5.14	3.18	97.15	81 567.92	119 844.29
899	+	0.00	0.00	5.07	0.00	103.99	25 176.64	201 516.20	0.13	4.94	3.14	100.85	81 571.06	119 945.14
900	+	0.00	0.00	4.98	0.00	100.48	25 176.64	201 616.68	0.15	4.83	2.75	97.73	81 573.81	120 042.87
901	+	0.00	0.00	6.19	0.00	111.67	25 176.64	201 728.35	0.26	5.93	4.07	107.60	81 577.88	120 150.47
902	+	0.00	0.00	6.69	0.00	128.71	25 176.64	201 857.06	0.26	6.43	5.16	123.55	81 583.04	120 274.02
903	+	0.00	0.00	8.71	0.00	153.87	25 176.64	202 010.93	1.12	7.59	13.72	140.15	81 596.76	120 414.17

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
904	+	0.00	0.00	9.12	0.00	178.12	25 176.64	202 189.05	1.44	7.68	25.50	152.62	81 622.26	120 566.79
905	+	0.00	0.00	8.97	0.00	180.83	25 176.64	202 369.88	1.29	7.68	27.29	153.54	81 649.55	120 720.33
906	+	0.00	0.00	8.48	0.00	174.48	25 176.64	202 544.36	1.06	7.42	23.51	150.97	81 673.06	120 871.30
907	+	0.00	0.00	11.14	0.00	196.10	25 176.64	202 740.46	3.32	7.82	43.74	152.36	81 716.80	121 023.66
908	+	0.00	0.00	13.48	0.00	246.08	25 176.64	202 986.54	1.29	12.19	46.02	200.06	81 762.82	121 223.72
909	+	0.00	0.00	16.03	0.00	295.03	25 176.64	203 281.57	2.80	13.23	40.82	254.21	81 803.64	121 477.93
910	+	0.00	0.00	19.09	0.00	351.21	25 176.64	203 632.78	5.59	13.50	83.90	267.31	81 887.54	121 745.24
911	+	0.00	0.00	20.84	0.00	399.35	25 176.64	204 032.13	7.34	13.50	129.35	270.00	82 016.89	122 015.24
912	+	0.00	0.00	22.89	0.00	437.32	25 176.64	204 469.45	9.39	13.50	167.32	270.00	82 184.21	122 285.24
913	+	0.00	0.00	21.69	0.00	445.79	25 176.64	204 915.24	8.19	13.50	175.79	270.00	82 360.00	122 555.24
914	+	0.00	0.00	19.67	0.00	413.60	25 176.64	205 328.84	6.24	13.43	144.27	269.33	82 504.27	122 824.57
915	+	0.00	0.00	16.08	0.00	357.47	25 176.64	205 686.31	3.20	12.88	94.38	263.09	82 598.65	123 087.66
916	+	0.00	0.00	13.84	0.00	299.12	25 176.64	205 985.43	1.47	12.37	46.69	252.43	82 645.34	123 340.09
917	+	0.00	0.00	12.79	0.00	266.22	25 176.64	206 251.65	1.21	11.58	26.79	239.43	82 672.13	123 579.52
918	+	0.00	0.00	15.07	0.00	278.52	25 176.64	206 530.17	2.41	12.66	36.18	242.34	82 708.31	123 821.86
919	+	0.00	0.00	16.18	0.00	312.50	25 176.64	206 842.67	3.23	12.95	56.41	256.09	82 764.72	124 077.95
920	+	0.00	0.00	17.49	0.00	336.66	25 176.64	207 179.33	4.34	13.15	75.68	260.98	82 840.40	124 338.93
921	+	0.00	0.00	16.39	0.00	338.72	25 176.64	207 518.05	3.62	12.77	79.59	259.13	82 919.99	124 598.06
922	+	0.00	0.00	15.51	0.00	319.03	25 176.64	207 837.08	2.78	12.73	64.07	254.96	82 984.06	124 853.02
923	+	0.00	0.00	12.98	0.00	284.97	25 176.64	208 122.05	1.45	11.53	42.34	242.63	83 026.40	125 095.65
924	+	0.00	0.00	9.90	0.00	228.87	25 176.64	208 350.92	0.52	9.38	19.69	209.18	83 046.09	125 304.83
925	+	0.00	0.00	9.09	0.00	189.96	25 176.64	208 540.88	0.37	8.72	8.93	181.03	83 055.02	125 485.86
926	+	0.00	0.00	9.56	0.00	186.56	25 176.64	208 727.44	0.45	9.11	8.26	178.30	83 063.28	125 664.16
927	+	0.00	0.00	9.67	0.00	192.28	25 176.64	208 919.72	0.42	9.25	8.66	183.62	83 071.94	125 847.78
928	+	0.00	0.00	14.59	0.00	242.59	25 176.64	209 162.31	2.31	12.28	27.28	215.31	83 099.22	126 063.09
929	+	0.00	0.00	17.45	0.00	320.47	25 176.64	209 482.78	4.22	13.23	65.32	255.15	83 164.54	126 318.24

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
930	+	0.00	0.00	20.83	0.00	382.86	25 176.64	209 865.64	7.33	13.50	115.53	267.33	83 280.07	126 585.57
931	+	0.00	0.00	25.10	0.00	459.39	25 176.64	210 325.03	11.60	13.50	189.39	270.00	83 469.46	126 855.57
932	+	0.00	0.00	28.66	0.00	537.64	25 176.64	210 862.67	15.16	13.50	267.64	270.00	83 737.10	127 125.57
933	+	0.00	0.00	30.82	0.00	594.83	25 176.64	211 457.50	17.32	13.50	324.83	270.00	84 061.93	127 395.57
934	+	0.00	0.00	31.16	0.00	619.78	25 176.64	212 077.28	17.66	13.50	349.78	270.00	84 411.71	127 665.57
935	+	0.00	0.00	27.23	0.00	583.88	25 176.64	212 661.16	13.73	13.50	313.88	270.00	84 725.59	127 935.57
936	+	0.00	0.00	23.62	0.00	508.53	25 176.64	213 169.69	10.12	13.50	238.53	270.00	84 964.12	128 205.57
937	+	0.00	0.00	19.64	0.00	432.57	25 176.64	213 602.26	6.14	13.50	162.57	270.00	85 126.69	128 475.57
938	+	0.00	0.00	15.41	0.00	350.41	25 176.64	213 952.67	2.48	12.93	86.15	264.26	85 212.84	128 739.83
939	+	0.00	0.00	12.62	0.00	280.23	25 176.64	214 232.90	4.52	8.10	69.97	210.26	85 282.81	128 950.09
940	+	0.00	0.00	13.52	0.00	261.42	25 176.64	214 494.32	5.46	8.06	99.81	161.61	85 382.62	129 111.70
941	+	0.00	0.00	11.52	0.00	250.37	25 176.64	214 744.69	3.42	8.10	88.77	161.60	85 471.39	129 273.30
942	+	0.00	0.00	10.54	0.00	220.50	25 176.64	214 965.19	2.76	7.78	61.73	158.77	85 533.12	129 432.07
942	+	1.59	0.00	10.16	0.00	16.49	25 176.64	214 981.68	2.42	7.74	4.12	12.37	85 537.24	129 444.44
943	+	0.00	0.00	9.81	0.00	183.75	25 176.64	215 165.43	2.17	7.64	42.22	141.53	85 579.46	129 585.97
944	+	0.00	0.00	7.80	0.00	176.26	25 176.64	215 341.69	1.86	5.94	40.47	135.79	85 619.93	129 721.76
944	+	9.59	0.00	7.10	0.00	71.78	25 176.64	215 413.47	2.02	5.08	18.80	52.98	85 638.73	129 774.74
945	+	0.00	0.00	6.56	0.00	71.56	25 176.64	215 485.03	1.90	4.66	20.66	50.90	85 659.39	129 825.64
945	+	8.84	0.00	5.76	0.00	54.87	25 176.64	215 539.90	1.47	4.29	15.12	39.75	85 674.51	129 865.39
946	+	0.00	0.00	4.45	0.00	57.39	25 176.64	215 597.29	1.06	3.39	14.32	43.07	85 688.83	129 908.46
946	+	8.09	0.00	4.20	0.00	35.33	25 176.64	215 632.62	1.42	2.78	10.17	25.16	85 699.00	129 933.62
947	+	0.00	0.07	2.64	0.39	41.15	25 177.03	215 673.77	0.60	2.04	12.17	28.98	85 711.17	129 962.60
948	+	0.00	0.82	0.68	8.85	33.37	25 185.88	215 707.14	0.07	0.61	6.68	26.69	85 717.85	129 989.29
948	+	16.09	2.09	0.35	23.42	8.31	25 209.30	215 715.45	0.06	0.29	1.05	7.26	85 718.90	129 996.55
949	+	0.00	2.57	0.19	9.11	1.06	25 218.41	215 716.51	0.02	0.17	0.17	0.89	85 719.07	129 997.44
950	+	0.00	3.72	0.01	62.93	2.03	25 281.34	215 718.54	0.00	0.01	0.21	1.82	85 719.28	129 999.26

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
951	+	0.00	3.53	0.00	72.55	0.15	25 353.89	215 718.69	0.00	0.00	0.00	0.15	85 719.28	129 999.41
952	+	0.00	3.21	0.01	67.46	0.10	25 421.35	215 718.79	0.00	0.01	0.00	0.10	85 719.28	129 999.51
953	+	0.00	2.90	0.00	61.15	0.11	25 482.50	215 718.90	0.00	0.00	0.00	0.11	85 719.28	129 999.62
954	+	0.00	4.37	0.00	72.68	0.01	25 555.18	215 718.91	0.00	0.00	0.00	0.01	85 719.28	129 999.63
955	+	0.00	4.34	0.00	87.03	-0.01	25 642.21	215 718.90	0.00	0.00	0.00	-0.01	85 719.28	129 999.62
956	+	0.00	2.69	0.27	70.27	2.67	25 712.48	215 721.57	0.00	0.27	0.00	2.67	85 719.28	130 002.29
957	+	0.00	2.41	0.17	50.97	4.35	25 763.45	215 725.92	0.00	0.17	0.00	4.35	85 719.28	130 006.64
958	+	0.00	1.11	0.58	35.22	7.50	25 798.67	215 733.42	0.00	0.58	0.00	7.50	85 719.28	130 014.14
959	+	0.00	0.68	1.95	17.94	25.36	25 816.61	215 758.78	0.00	1.95	0.05	25.31	85 719.33	130 039.45
960	+	0.00	0.21	2.06	8.84	40.08	25 825.45	215 798.86	0.05	2.01	0.52	39.56	85 719.85	130 079.01
961	+	0.00	0.03	3.82	2.39	58.79	25 827.84	215 857.65	0.07	3.75	1.14	57.65	85 720.99	130 136.66
962	+	0.00	0.00	4.06	0.34	78.90	25 828.18	215 936.55	0.05	4.01	1.22	77.68	85 722.21	130 214.34
963	+	0.00	0.00	6.04	0.00	101.03	25 828.18	216 037.58	0.32	5.72	3.76	97.27	85 725.97	130 311.61
964	+	0.00	0.00	7.52	0.00	135.57	25 828.18	216 173.15	1.15	6.37	14.71	120.86	85 740.68	130 432.47
965	+	0.00	0.00	10.60	0.00	181.09	25 828.18	216 354.24	0.56	10.04	17.04	164.05	85 757.72	130 596.52
966	+	0.00	0.00	11.23	0.00	218.21	25 828.18	216 572.45	0.81	10.42	13.67	204.54	85 771.39	130 801.06
967	+	0.00	0.00	13.20	0.00	244.28	25 828.18	216 816.73	1.54	11.66	23.48	220.80	85 794.87	131 021.86
968	+	0.00	0.00	16.76	0.00	299.61	25 828.18	217 116.34	3.93	12.83	54.68	244.93	85 849.55	131 266.79
969	+	0.00	0.00	17.40	0.00	341.68	25 828.18	217 458.02	4.46	12.94	83.95	257.73	85 933.50	131 524.52
970	+	0.00	0.00	16.47	0.00	338.75	25 828.18	217 796.77	3.82	12.65	82.83	255.92	86 016.33	131 780.44
971	+	0.00	0.00	15.29	0.00	317.55	25 828.18	218 114.32	2.86	12.43	66.80	250.75	86 083.13	132 031.19
972	+	0.00	0.00	12.39	0.00	276.84	25 828.18	218 391.16	1.28	11.11	41.45	235.39	86 124.58	132 266.58
973	+	0.00	0.00	10.26	0.00	226.55	25 828.18	218 617.71	3.15	7.11	44.31	182.24	86 168.89	132 448.82
974	+	0.00	0.00	6.44	0.00	167.03	25 828.18	218 784.74	0.42	6.02	35.70	131.33	86 204.59	132 580.15
974	+	18.75	0.00	5.18	0.00	109.06	25 828.18	218 893.80	0.33	4.85	7.08	101.98	86 211.67	132 682.13
975	+	0.00	0.00	5.05	0.00	6.38	25 828.18	218 900.18	0.33	4.72	0.41	5.97	86 212.08	132 688.10

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
976	+	0.00	0.00	4.33	0.00	93.81	25 828.18	218 993.99	0.69	3.64	10.15	83.66	86 222.23	132 771.76
977	+	0.00	0.00	6.41	0.00	107.94	25 828.18	219 101.93	1.85	4.56	25.61	82.33	86 247.84	132 854.09
977	+	6.75	0.00	6.09	0.00	42.20	25 828.18	219 144.13	1.77	4.32	12.20	30.00	86 260.04	132 884.09
978	+	0.00	0.00	6.62	0.00	84.91	25 828.18	219 229.04	2.23	4.39	26.89	58.02	86 286.93	132 942.11
978	+	5.03	0.00	6.01	0.00	31.74	25 828.18	219 260.78	1.95	4.06	10.52	21.22	86 297.45	132 963.33
979	+	0.00	0.05	5.94	0.35	90.31	25 828.53	219 351.09	2.00	3.94	30.04	60.27	86 327.49	133 023.60
979	+	3.31	0.15	5.53	0.33	18.94	25 828.86	219 370.03	1.77	3.76	6.22	12.72	86 333.71	133 036.32
980	+	0.00	0.42	3.32	4.70	74.62	25 833.56	219 444.65	0.73	2.59	21.17	53.45	86 354.88	133 089.77
981	+	0.00	0.73	1.08	11.46	44.24	25 845.02	219 488.89	0.11	0.97	8.47	35.77	86 363.35	133 125.54
981	+	11.31	1.19	0.69	10.86	9.98	25 855.88	219 498.87	0.06	0.63	0.95	9.03	86 364.30	133 134.57
982	+	0.00	1.61	0.17	12.16	3.68	25 868.04	219 502.55	0.01	0.16	0.29	3.39	86 364.59	133 137.96
983	+	0.00	1.30	0.00	29.05	1.61	25 897.09	219 504.16	0.00	0.00	0.08	1.53	86 364.67	133 139.49
984	+	0.00	0.01	1.79	13.08	17.96	25 910.17	219 522.12	0.12	1.67	1.24	16.72	86 365.91	133 156.21
985	+	0.00	0.00	5.78	0.12	75.78	25 910.29	219 597.90	0.86	4.92	9.86	65.92	86 375.77	133 222.13
986	+	0.00	0.00	8.58	0.00	143.55	25 910.29	219 741.45	1.45	7.13	23.10	120.45	86 398.87	133 342.58
987	+	0.00	0.00	12.71	0.00	212.87	25 910.29	219 954.32	4.61	8.10	60.62	152.25	86 459.49	133 494.83
988	+	0.00	0.00	14.95	0.00	276.67	25 910.29	220 230.99	6.85	8.10	114.67	162.00	86 574.16	133 656.83
989	+	0.00	0.00	18.18	0.00	331.30	25 910.29	220 562.29	10.08	8.10	169.30	162.00	86 743.46	133 818.83
990	+	0.00	0.00	20.68	0.00	388.61	25 910.29	220 950.90	7.18	13.50	172.61	216.00	86 916.07	134 034.83
991	+	0.00	0.00	20.41	0.00	410.93	25 910.29	221 361.83	6.91	13.50	140.93	270.00	87 057.00	134 304.83
992	+	0.00	0.00	21.60	0.00	420.10	25 910.29	221 781.93	8.10	13.50	150.10	270.00	87 207.10	134 574.83
993	+	0.00	0.00	24.69	0.00	462.88	25 910.29	222 244.81	11.19	13.50	192.88	270.00	87 399.98	134 844.83
994	+	0.00	0.00	31.79	0.00	564.73	25 910.29	222 809.54	18.29	13.50	294.73	270.00	87 694.71	135 114.83
995	+	0.00	0.00	36.46	0.00	682.51	25 910.29	223 492.05	22.96	13.50	412.51	270.00	88 107.22	135 384.83
996	+	0.00	0.00	39.58	0.00	760.48	25 910.29	224 252.53	26.08	13.50	490.48	270.00	88 597.70	135 654.83
997	+	0.00	0.00	40.42	0.00	800.05	25 910.29	225 052.58	26.92	13.50	530.05	270.00	89 127.75	135 924.83

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
998	+	0.00	0.00	40.40	0.00	808.22	25 910.29	225 860.80	26.90	13.50	538.22	270.00	89 665.97	136 194.83
999	+	0.00	0.00	38.87	0.00	792.71	25 910.29	226 653.51	25.37	13.50	522.71	270.00	90 188.68	136 464.83
1000	+	0.00	0.00	36.33	0.00	751.98	25 910.29	227 405.49	22.83	13.50	481.98	270.00	90 670.66	136 734.83
1001	+	0.00	0.00	31.94	0.00	682.72	25 910.29	228 088.21	18.44	13.50	412.72	270.00	91 083.38	137 004.83
1002	+	0.00	0.00	27.24	0.00	591.82	25 910.29	228 680.03	13.74	13.50	321.82	270.00	91 405.20	137 274.83
1003	+	0.00	0.00	22.46	0.00	496.99	25 910.29	229 177.02	8.96	13.50	226.99	270.00	91 632.19	137 544.83
1004	+	0.00	0.00	15.19	0.00	376.51	25 910.29	229 553.53	7.09	8.10	160.51	216.00	91 792.70	137 760.83
1005	+	0.00	0.00	10.84	0.00	260.34	25 910.29	229 813.87	2.77	8.07	98.61	161.73	91 891.31	137 922.56
1006	+	0.00	0.00	5.06	0.00	159.04	25 910.29	229 972.91	0.41	4.65	31.78	127.26	91 923.09	138 049.82
1007	+	0.00	0.35	1.45	3.52	65.14	25 913.81	230 038.05	0.11	1.34	5.19	59.95	91 928.28	138 109.77
1008	+	0.00	1.71	0.42	20.62	18.73	25 934.43	230 056.78	0.06	0.36	1.68	17.05	91 929.96	138 126.82
1009	+	0.00	1.91	0.25	36.17	6.69	25 970.60	230 063.47	0.02	0.23	0.73	5.96	91 930.69	138 132.78
1010	+	0.00	4.31	0.01	62.12	2.54	26 032.72	230 066.01	0.00	0.01	0.18	2.36	91 930.87	138 135.14
1010	+	10.26	5.41	0.09	49.88	0.50	26 082.60	230 066.51	0.02	0.07	0.12	0.38	91 930.99	138 135.52
1011	+	0.00	5.72	0.31	54.22	2.00	26 136.82	230 068.51	0.02	0.29	0.21	1.79	91 931.20	138 137.31
1012	+	0.00	8.85	0.00	145.48	3.20	26 282.30	230 071.71	0.00	0.00	0.20	3.00	91 931.40	138 140.31
1012	+	18.26	10.31	0.00	174.44	-0.01	26 456.74	230 071.70	0.00	0.00	0.00	-0.01	91 931.40	138 140.30
1013	+	0.00	10.46	0.00	18.02	0.00	26 474.76	230 071.70	0.00	0.00	0.00	0.00	91 931.40	138 140.30
1013	+	9.30	10.83	0.00	98.77	0.00	26 573.53	230 071.70	0.00	0.00	0.00	0.00	91 931.40	138 140.30
1014	+	0.00	11.06	0.00	116.78	0.00	26 690.31	230 071.70	0.00	0.00	0.00	0.00	91 931.40	138 140.30
1014	+	0.34	11.12	0.00	3.79	0.00	26 694.10	230 071.70	0.00	0.00	0.00	0.00	91 931.40	138 140.30
1015	+	0.00	9.82	0.00	205.43	0.00	26 899.53	230 071.70	0.00	0.00	0.00	0.00	91 931.40	138 140.30
1016	+	0.00	8.67	0.00	184.77	0.00	27 084.30	230 071.70	0.00	0.00	0.00	0.00	91 931.40	138 140.30
1016	+	8.34	8.20	0.00	70.35	0.00	27 154.65	230 071.70	0.00	0.00	0.00	0.00	91 931.40	138 140.30
1017	+	0.00	7.87	0.00	93.66	0.00	27 248.31	230 071.70	0.00	0.00	0.00	0.00	91 931.40	138 140.30
1018	+	0.00	7.78	0.00	156.51	0.00	27 404.82	230 071.70	0.00	0.00	0.00	0.00	91 931.40	138 140.30

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1019	+	0.00	7.50	0.00	152.86	0.00	27 557.68	230 071.70	0.00	0.00	0.00	0.00	91 931.40	138 140.30
1020	+	0.00	7.12	0.00	146.28	0.00	27 703.96	230 071.70	0.00	0.00	0.00	0.00	91 931.40	138 140.30
1021	+	0.00	6.50	0.00	136.23	0.00	27 840.19	230 071.70	0.00	0.00	0.00	0.00	91 931.40	138 140.30
1022	+	0.00	7.03	0.00	135.28	0.00	27 975.47	230 071.70	0.00	0.00	0.00	0.00	91 931.40	138 140.30
1023	+	0.00	8.51	0.00	155.43	0.00	28 130.90	230 071.70	0.00	0.00	0.00	0.00	91 931.40	138 140.30
1024	+	0.00	7.14	0.00	156.56	0.00	28 287.46	230 071.70	0.00	0.00	0.00	0.00	91 931.40	138 140.30
1025	+	0.00	4.00	0.00	111.37	0.00	28 398.83	230 071.70	0.00	0.00	0.00	0.00	91 931.40	138 140.30
1026	+	0.00	2.54	0.06	65.37	0.57	28 464.20	230 072.27	0.00	0.06	0.00	0.57	91 931.40	138 140.87
1027	+	0.00	1.61	0.03	41.54	0.94	28 505.74	230 073.21	0.00	0.03	0.00	0.94	91 931.40	138 141.81
1028	+	0.00	0.50	0.82	21.15	8.62	28 526.89	230 081.83	0.02	0.80	0.19	8.43	91 931.59	138 150.24
1029	+	0.00	0.03	2.27	5.34	31.00	28 532.23	230 112.83	0.08	2.19	0.98	30.02	91 932.57	138 180.26
1030	+	0.00	0.00	3.23	0.37	55.15	28 532.60	230 167.98	0.20	3.03	2.83	52.32	91 935.40	138 232.58
1031	+	0.00	0.00	4.87	0.04	81.05	28 532.64	230 249.03	0.49	4.38	6.93	74.12	91 942.33	138 306.70
1032	+	0.00	0.00	6.89	0.00	117.60	28 532.64	230 366.63	0.66	6.23	11.52	106.08	91 953.85	138 412.78
1033	+	0.00	0.00	11.89	0.00	187.90	28 532.64	230 554.53	4.01	7.88	46.76	141.14	92 000.61	138 553.92
1034	+	0.00	0.00	13.03	0.00	249.25	28 532.64	230 803.78	5.26	7.77	92.73	156.52	92 093.34	138 710.44
1035	+	0.00	0.00	12.50	0.00	255.24	28 532.64	231 059.02	4.73	7.77	99.90	155.34	92 193.24	138 865.78
1035	+	16.99	0.00	8.87	0.00	181.52	28 532.64	231 240.54	1.49	7.38	52.81	128.71	92 246.05	138 994.49
1036	+	0.00	0.00	8.34	0.00	25.85	28 532.64	231 266.39	1.19	7.15	4.02	21.83	92 250.07	139 016.32
1037	+	0.00	0.21	3.96	2.09	122.91	28 534.73	231 389.30	0.30	3.66	14.88	108.03	92 264.95	139 124.35
1038	+	0.00	0.26	1.93	4.69	58.81	28 539.42	231 448.11	0.17	1.76	4.68	54.13	92 269.63	139 178.48
1039	+	0.00	0.50	0.65	7.64	25.80	28 547.06	231 473.91	0.03	0.62	2.00	23.80	92 271.63	139 202.28
1040	+	0.00	0.52	0.19	10.22	8.48	28 557.28	231 482.39	0.00	0.19	0.32	8.16	92 271.95	139 210.44
1041	+	0.00	2.22	0.04	27.40	2.38	28 584.68	231 484.77	0.00	0.04	0.00	2.38	92 271.95	139 212.82
1042	+	0.00	5.34	0.00	75.58	0.44	28 660.26	231 485.21	0.00	0.00	0.00	0.44	92 271.95	139 213.26
1042	+	16.29	5.78	0.00	90.50	-0.01	28 750.76	231 485.20	0.00	0.00	0.00	-0.01	92 271.95	139 213.25

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1043	+	0.00	6.24	0.00	22.33	0.01	28 773.09	231 485.21	0.00	0.00	0.00	0.01	92 271.95	139 213.26
1044	+	0.00	11.10	0.00	173.45	0.00	28 946.54	231 485.21	0.00	0.00	0.00	0.00	92 271.95	139 213.26
1045	+	0.00	14.23	0.00	253.37	0.00	29 199.91	231 485.21	0.00	0.00	0.00	0.00	92 271.95	139 213.26
1046	+	0.00	13.98	0.00	282.15	0.00	29 482.06	231 485.21	0.00	0.00	0.00	0.00	92 271.95	139 213.26
1047	+	0.00	14.02	-0.01	280.07	0.00	29 762.13	231 485.21	0.00	-0.01	0.00	0.00	92 271.95	139 213.26
1048	+	0.00	13.39	0.00	274.19	-0.01	30 036.32	231 485.20	0.00	0.00	0.00	-0.01	92 271.95	139 213.25
1049	+	0.00	9.14	0.00	225.32	0.00	30 261.64	231 485.20	0.00	0.00	0.00	0.00	92 271.95	139 213.25
1049	+	15.58	5.14	0.02	111.16	0.13	30 372.80	231 485.33	0.00	0.02	0.02	0.11	92 271.97	139 213.36
1050	+	0.00	3.24	0.00	18.54	0.04	30 391.34	231 485.37	0.00	0.00	0.01	0.03	92 271.98	139 213.39
1051	+	0.00	0.14	1.04	33.87	10.39	30 425.21	231 495.76	0.18	0.86	1.75	8.64	92 273.73	139 222.03
1052	+	0.00	0.00	4.64	1.43	56.79	30 426.64	231 552.55	0.50	4.14	6.76	50.03	92 280.49	139 272.06
1053	+	0.00	0.00	7.99	0.00	126.28	30 426.64	231 678.83	1.72	6.27	22.20	104.08	92 302.69	139 376.14
1054	+	0.00	0.00	11.20	0.00	191.91	30 426.64	231 870.74	3.66	7.54	53.79	138.12	92 356.48	139 514.26
1055	+	0.00	0.00	17.14	0.00	283.45	30 426.64	232 154.19	5.17	11.97	88.35	195.10	92 444.83	139 709.36
1056	+	0.00	0.00	20.67	0.00	378.11	30 426.64	232 532.30	7.64	13.03	128.14	249.97	92 572.97	139 959.33
1057	+	0.00	0.00	26.82	0.00	474.93	30 426.64	233 007.23	13.32	13.50	209.62	265.31	92 782.59	140 224.64
1058	+	0.00	0.00	32.62	0.00	594.40	30 426.64	233 601.63	19.12	13.50	324.40	270.00	93 106.99	140 494.64
1059	+	0.00	0.00	35.55	0.00	681.67	30 426.64	234 283.30	22.05	13.50	411.67	270.00	93 518.66	140 764.64
1060	+	0.00	0.00	32.24	0.00	677.90	30 426.64	234 961.20	18.74	13.50	407.90	270.00	93 926.56	141 034.64
1061	+	0.00	0.00	32.02	0.00	642.61	30 426.64	235 603.81	18.52	13.50	372.61	270.00	94 299.17	141 304.64
1062	+	0.00	0.00	26.70	0.00	587.25	30 426.64	236 191.06	13.20	13.50	317.25	270.00	94 616.42	141 574.64
1063	+	0.00	0.00	22.52	0.00	492.23	30 426.64	236 683.29	9.56	12.96	227.66	264.57	94 844.08	141 839.21
1064	+	0.00	0.00	22.34	0.00	448.52	30 426.64	237 131.81	9.39	12.95	189.48	259.04	95 033.56	142 098.25
1065	+	0.00	0.00	23.59	0.00	459.17	30 426.64	237 590.98	10.14	13.45	195.22	263.95	95 228.78	142 362.20
1066	+	0.00	0.00	22.99	0.00	465.74	30 426.64	238 056.72	9.49	13.50	196.26	269.48	95 425.04	142 631.68
1067	+	0.00	0.00	18.32	0.00	413.08	30 426.64	238 469.80	4.88	13.44	143.68	269.40	95 568.72	142 901.08

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1067	+	12.81	0.00	14.56	0.00	210.54	30 426.64	238 680.34	1.72	12.84	42.24	168.30	95 610.96	143 069.38
1068	+	0.00	0.00	13.25	0.00	100.04	30 426.64	238 780.38	5.15	8.10	24.71	75.33	95 635.67	143 144.71
1069	+	0.00	0.00	9.07	0.00	223.20	30 426.64	239 003.58	1.02	8.05	61.73	161.47	95 697.40	143 306.18
1070	+	0.00	0.00	4.03	0.00	130.96	30 426.64	239 134.54	0.17	3.86	11.89	119.07	95 709.29	143 425.25
1070	+	10.81	0.00	2.40	0.00	34.73	30 426.64	239 169.27	0.06	2.34	1.24	33.49	95 710.53	143 458.74
1071	+	0.00	0.02	2.22	0.09	21.27	30 426.73	239 190.54	0.08	2.14	0.64	20.63	95 711.17	143 479.37
1072	+	0.00	0.00	2.51	0.20	47.37	30 426.93	239 237.91	0.10	2.41	1.81	45.56	95 712.98	143 524.93
1073	+	0.00	0.00	8.71	0.00	112.27	30 426.93	239 350.18	1.02	7.69	11.24	101.03	95 724.22	143 625.96
1074	+	0.00	0.00	17.33	0.00	260.94	30 426.93	239 611.12	3.97	13.36	50.35	210.59	95 774.57	143 836.55
1074	+	1.17	0.00	17.36	0.00	20.22	30 426.93	239 631.34	3.91	13.45	4.59	15.63	95 779.16	143 852.18
1075	+	0.00	0.00	20.39	0.00	356.47	30 426.93	239 987.81	6.89	13.50	102.63	253.84	95 881.79	144 106.02
1076	+	0.00	0.00	18.29	0.00	387.88	30 426.93	240 375.69	4.83	13.46	118.24	269.64	96 000.03	144 375.66
1077	+	0.00	0.00	14.22	0.00	325.96	30 426.93	240 701.65	6.12	8.10	110.32	215.64	96 110.35	144 591.30
1077	+	11.53	0.00	13.45	0.00	159.81	30 426.93	240 861.46	5.35	8.10	66.45	93.36	96 176.80	144 684.66
1078	+	0.00	0.00	11.57	0.00	106.17	30 426.93	240 967.63	3.47	8.10	37.53	68.64	96 214.33	144 753.30
1079	+	0.00	0.00	5.85	0.00	174.41	30 426.93	241 142.04	0.35	5.50	38.39	136.02	96 252.72	144 889.32
1080	+	0.00	0.00	1.83	0.00	76.77	30 426.93	241 218.81	0.09	1.74	4.40	72.37	96 257.12	144 961.69
1080	+	9.53	0.46	0.43	2.20	10.74	30 429.13	241 229.55	0.02	0.41	0.51	10.23	96 257.63	144 971.92
1081	+	0.00	1.38	0.20	9.65	3.29	30 438.78	241 232.84	0.02	0.18	0.23	3.06	96 257.86	144 974.98
1082	+	0.00	3.34	0.10	47.20	3.08	30 485.98	241 235.92	0.00	0.10	0.28	2.80	96 258.14	144 977.78
1083	+	0.00	2.76	0.07	60.97	1.81	30 546.95	241 237.73	0.00	0.07	0.05	1.76	96 258.19	144 979.54
1084	+	0.00	1.50	0.66	42.57	7.31	30 589.52	241 245.04	0.07	0.59	0.71	6.60	96 258.90	144 986.14
1085	+	0.00	1.36	0.91	28.54	15.72	30 618.06	241 260.76	0.02	0.89	0.96	14.76	96 259.86	145 000.90
1086	+	0.00	0.41	2.89	17.62	38.00	30 635.68	241 298.76	0.17	2.72	1.91	36.09	96 261.77	145 036.99
1087	+	0.00	0.00	5.89	4.07	87.77	30 639.75	241 386.53	0.41	5.48	5.80	81.97	96 267.57	145 118.96
1088	+	0.00	0.00	7.54	0.00	134.28	30 639.75	241 520.81	0.51	7.03	9.25	125.03	96 276.82	145 243.99

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1089	+	0.00	0.00	9.84	0.00	173.80	30 639.75	241 694.61	2.15	7.69	26.64	147.16	96 303.46	145 391.15
1090	+	0.00	0.00	10.12	0.00	199.60	30 639.75	241 894.21	2.61	7.51	47.57	152.03	96 351.03	145 543.18
1090	+	18.79	0.00	8.11	0.00	171.18	30 639.75	242 065.39	0.66	7.45	30.63	140.55	96 381.66	145 683.73
1091	+	0.00	0.00	8.02	0.00	9.74	30 639.75	242 075.13	0.62	7.40	0.77	8.97	96 382.43	145 692.70
1092	+	0.00	0.00	5.15	0.00	131.77	30 639.75	242 206.90	0.14	5.01	7.65	124.12	96 390.08	145 816.82
1093	+	0.00	0.00	5.55	0.00	107.04	30 639.75	242 313.94	0.33	5.22	4.74	102.30	96 394.82	145 919.12
1094	+	0.00	0.00	3.31	0.00	88.68	30 639.75	242 402.62	0.08	3.23	4.14	84.54	96 398.96	146 003.66
1095	+	0.00	0.01	3.29	0.10	66.08	30 639.85	242 468.70	0.13	3.16	2.13	63.95	96 401.09	146 067.61
1096	+	0.00	0.00	3.76	0.10	70.57	30 639.95	242 539.27	0.12	3.64	2.53	68.04	96 403.62	146 135.65
1097	+	0.00	0.00	8.34	0.00	121.07	30 639.95	242 660.34	0.96	7.38	10.84	110.23	96 414.46	146 245.88
1098	+	0.00	0.00	13.65	0.00	219.99	30 639.95	242 880.33	1.28	12.37	22.47	197.52	96 436.93	146 443.40
1099	+	0.00	0.00	18.39	0.00	320.43	30 639.95	243 200.76	4.89	13.50	61.70	258.73	96 498.63	146 702.13
1100	+	0.00	0.00	24.47	0.00	428.59	30 639.95	243 629.35	10.97	13.50	158.59	270.00	96 657.22	146 972.13
1101	+	0.00	0.00	29.71	0.00	541.84	30 639.95	244 171.19	16.21	13.50	271.84	270.00	96 929.06	147 242.13
1102	+	0.00	0.00	33.89	0.00	635.97	30 639.95	244 807.16	20.39	13.50	365.97	270.00	97 295.03	147 512.13
1103	+	0.00	0.00	35.93	0.00	698.17	30 639.95	245 505.33	22.43	13.50	428.17	270.00	97 723.20	147 782.13
1104	+	0.00	0.00	38.61	0.00	745.37	30 639.95	246 250.70	25.11	13.50	475.37	270.00	98 198.57	148 052.13
1105	+	0.00	0.00	37.71	0.00	763.18	30 639.95	247 013.88	24.21	13.50	493.18	270.00	98 691.75	148 322.13
1106	+	0.00	0.00	33.95	0.00	716.65	30 639.95	247 730.53	20.45	13.50	446.65	270.00	99 138.40	148 592.13
1107	+	0.00	0.00	32.92	0.00	668.72	30 639.95	248 399.25	19.42	13.50	398.72	270.00	99 537.12	148 862.13
1108	+	0.00	0.00	29.88	0.00	628.00	30 639.95	249 027.25	16.38	13.50	358.00	270.00	99 895.12	149 132.13
1109	+	0.00	0.00	24.15	0.00	540.36	30 639.95	249 567.61	10.65	13.50	270.36	270.00	100 165.48	149 402.13
1109	+	2.17	0.00	23.99	0.00	52.13	30 639.95	249 619.74	10.49	13.50	22.89	29.24	100 188.37	149 431.37
1110	+	0.00	0.00	23.18	0.00	420.57	30 639.95	250 040.31	9.68	13.50	179.81	240.76	100 368.18	149 672.13
1111	+	0.00	0.00	23.87	0.00	470.45	30 639.95	250 510.76	10.37	13.50	200.45	270.00	100 568.63	149 942.13
1112	+	0.00	0.00	25.37	0.00	492.42	30 639.95	251 003.18	11.87	13.50	222.42	270.00	100 791.05	150 212.13

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1113	+	0.00	0.00	25.22	0.00	505.92	30 639.95	251 509.10	11.72	13.50	235.92	270.00	101 026.97	150 482.13
1114	+	0.00	0.00	26.08	0.00	513.01	30 639.95	252 022.11	12.58	13.50	243.01	270.00	101 269.98	150 752.13
1115	+	0.00	0.00	25.76	0.00	518.38	30 639.95	252 540.49	12.26	13.50	248.38	270.00	101 518.36	151 022.13
1116	+	0.00	0.00	24.50	0.00	502.60	30 639.95	253 043.09	11.00	13.50	232.60	270.00	101 750.96	151 292.13
1117	+	0.00	0.00	26.05	0.00	505.55	30 639.95	253 548.64	12.55	13.50	235.55	270.00	101 986.51	151 562.13
1118	+	0.00	0.00	25.37	0.00	514.18	30 639.95	254 062.82	11.87	13.50	244.18	270.00	102 230.69	151 832.13
1119	+	0.00	0.00	24.23	0.00	495.92	30 639.95	254 558.74	10.73	13.50	225.92	270.00	102 456.61	152 102.13
1120	+	0.00	0.00	22.25	0.00	464.73	30 639.95	255 023.47	8.75	13.50	194.73	270.00	102 651.34	152 372.13
1121	+	0.00	0.00	20.18	0.00	424.24	30 639.95	255 447.71	6.68	13.50	154.24	270.00	102 805.58	152 642.13
1122	+	0.00	0.00	16.78	0.00	369.61	30 639.95	255 817.32	3.38	13.40	100.60	269.01	102 906.18	152 911.14
1123	+	0.00	0.00	12.85	0.00	296.40	30 639.95	256 113.72	0.90	11.95	42.85	253.55	102 949.03	153 164.69
1124	+	0.00	0.00	12.12	0.00	249.72	30 639.95	256 363.44	0.68	11.44	15.81	233.91	102 964.84	153 398.60
1125	+	0.00	0.00	17.62	0.00	297.31	30 639.95	256 660.75	4.35	13.27	50.25	247.06	103 015.09	153 645.66
1126	+	0.00	0.00	19.21	0.00	368.27	30 639.95	257 029.02	5.71	13.50	100.59	267.68	103 115.68	153 913.34
1127	+	0.00	0.00	25.77	0.00	449.87	30 639.95	257 478.89	12.27	13.50	179.87	270.00	103 295.55	154 183.34
1127	+	5.54	0.00	28.52	0.00	150.38	30 639.95	257 629.27	15.02	13.50	75.59	74.79	103 371.14	154 258.13
1128	+	0.00	0.00	33.58	0.00	448.98	30 639.95	258 078.25	20.08	13.50	253.77	195.21	103 624.91	154 453.34
1129	+	0.00	0.00	40.48	0.00	740.62	30 639.95	258 818.87	26.98	13.50	470.62	270.00	104 095.53	154 723.34
1130	+	0.00	0.00	49.29	0.00	897.66	30 639.95	259 716.53	35.79	13.50	627.66	270.00	104 723.19	154 993.34
1131	+	0.00	0.00	55.06	0.00	1 043.53	30 639.95	260 760.06	41.56	13.50	773.53	270.00	105 496.72	155 263.34
1132	+	0.00	0.00	56.90	0.00	1 119.68	30 639.95	261 879.74	43.40	13.50	849.68	270.00	106 346.40	155 533.34
1133	+	0.00	0.00	54.95	0.00	1 118.51	30 639.95	262 998.25	41.45	13.50	848.51	270.00	107 194.91	155 803.34
1134	+	0.00	0.00	50.05	0.00	1 049.95	30 639.95	264 048.20	36.55	13.50	779.95	270.00	107 974.86	156 073.34
1135	+	0.00	0.00	47.72	0.00	977.70	30 639.95	265 025.90	34.22	13.50	707.70	270.00	108 682.56	156 343.34
1136	+	0.00	0.00	39.13	0.00	868.50	30 639.95	265 894.40	25.63	13.50	598.50	270.00	109 281.06	156 613.34
1137	+	0.00	0.00	31.87	0.00	709.93	30 639.95	266 604.33	18.37	13.50	439.93	270.00	109 720.99	156 883.34

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1138	+	0.00	0.00	26.17	0.00	580.36	30 639.95	267 184.69	12.67	13.50	310.36	270.00	110 031.35	157 153.34
1139	+	0.00	0.00	21.50	0.00	476.66	30 639.95	267 661.35	8.00	13.50	206.66	270.00	110 238.01	157 423.34
1140	+	0.00	0.00	18.97	0.00	404.70	30 639.95	268 066.05	5.47	13.50	134.70	270.00	110 372.71	157 693.34
1141	+	0.00	0.00	17.19	0.00	361.59	30 639.95	268 427.64	3.69	13.50	91.62	269.97	110 464.33	157 963.31
1142	+	0.00	0.00	17.61	0.00	347.94	30 639.95	268 775.58	4.11	13.50	77.97	269.97	110 542.30	158 233.28
1143	+	0.00	0.00	18.33	0.00	359.40	30 639.95	269 134.98	4.83	13.50	89.40	270.00	110 631.70	158 503.28
1144	+	0.00	0.00	24.65	0.00	429.78	30 639.95	269 564.76	11.15	13.50	159.78	270.00	110 791.48	158 773.28
1145	+	0.00	0.00	31.15	0.00	557.93	30 639.95	270 122.69	17.65	13.50	287.93	270.00	111 079.41	159 043.28
1146	+	0.00	0.00	36.82	0.00	679.66	30 639.95	270 802.35	23.32	13.50	409.66	270.00	111 489.07	159 313.28
1147	+	0.00	0.00	43.46	0.00	802.82	30 639.95	271 605.17	29.96	13.50	532.82	270.00	112 021.89	159 583.28
1148	+	0.00	0.00	48.61	0.00	920.72	30 639.95	272 525.89	35.11	13.50	650.72	270.00	112 672.61	159 853.28
1149	+	0.00	0.00	49.30	0.00	979.13	30 639.95	273 505.02	35.80	13.50	709.13	270.00	113 381.74	160 123.28
1150	+	0.00	0.00	54.66	0.00	1 039.60	30 639.95	274 544.62	41.16	13.50	769.60	270.00	114 151.34	160 393.28
1151	+	0.00	0.00	49.27	0.00	1 039.29	30 639.95	275 583.91	35.77	13.50	769.29	270.00	114 920.63	160 663.28
1152	+	0.00	0.00	49.01	0.00	982.80	30 639.95	276 566.71	35.51	13.50	712.80	270.00	115 633.43	160 933.28
1153	+	0.00	0.00	42.90	0.00	919.06	30 639.95	277 485.77	29.40	13.50	649.06	270.00	116 282.49	161 203.28
1154	+	0.00	0.00	40.95	0.00	838.49	30 639.95	278 324.26	27.45	13.50	568.49	270.00	116 850.98	161 473.28
1155	+	0.00	0.00	37.00	0.00	779.53	30 639.95	279 103.79	23.50	13.50	509.53	270.00	117 360.51	161 743.28
1156	+	0.00	0.00	33.13	0.00	701.33	30 639.95	279 805.12	19.63	13.50	431.33	270.00	117 791.84	162 013.28
1157	+	0.00	0.00	32.51	0.00	656.40	30 639.95	280 461.52	19.01	13.50	386.40	270.00	118 178.24	162 283.28
1158	+	0.00	0.00	32.00	0.00	645.05	30 639.95	281 106.57	18.50	13.50	375.05	270.00	118 553.29	162 553.28
1159	+	0.00	0.00	28.94	0.00	609.35	30 639.95	281 715.92	15.44	13.50	339.35	270.00	118 892.64	162 823.28
1160	+	0.00	0.00	28.43	0.00	573.68	30 639.95	282 289.60	14.93	13.50	303.68	270.00	119 196.32	163 093.28
1161	+	0.00	0.00	28.02	0.00	564.50	30 639.95	282 854.10	14.52	13.50	294.50	270.00	119 490.82	163 363.28
1162	+	0.00	0.00	26.06	0.00	540.85	30 639.95	283 394.95	12.56	13.50	270.85	270.00	119 761.67	163 633.28
1163	+	0.00	0.00	25.18	0.00	512.46	30 639.95	283 907.41	11.68	13.50	242.46	270.00	120 004.13	163 903.28

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1164	+	0.00	0.00	24.16	0.00	493.42	30 639.95	284 400.83	10.66	13.50	223.42	270.00	120 227.55	164 173.28
1165	+	0.00	0.00	23.63	0.00	477.91	30 639.95	284 878.74	10.13	13.50	207.91	270.00	120 435.46	164 443.28
1166	+	0.00	0.00	24.39	0.00	480.22	30 639.95	285 358.96	10.89	13.50	210.22	270.00	120 645.68	164 713.28
1167	+	0.00	0.00	23.61	0.00	479.96	30 639.95	285 838.92	10.11	13.50	209.96	270.00	120 855.64	164 983.28
1168	+	0.00	0.00	21.04	0.00	446.49	30 639.95	286 285.41	7.54	13.50	176.49	270.00	121 032.13	165 253.28
1169	+	0.00	0.00	19.84	0.00	408.85	30 639.95	286 694.26	6.34	13.50	138.85	270.00	121 170.98	165 523.28
1170	+	0.00	0.00	19.22	0.00	390.62	30 639.95	287 084.88	5.75	13.47	120.88	269.74	121 291.86	165 793.02
1171	+	0.00	0.00	17.21	0.00	364.35	30 639.95	287 449.23	4.02	13.19	97.68	266.67	121 389.54	166 059.69
1172	+	0.00	0.00	16.96	0.00	341.72	30 639.95	287 790.95	3.74	13.22	77.59	264.13	121 467.13	166 323.82
1173	+	0.00	0.00	13.98	0.00	309.40	30 639.95	288 100.35	1.62	12.36	53.56	255.84	121 520.69	166 579.66
1174	+	0.00	0.00	14.52	0.00	284.97	30 639.95	288 385.32	2.28	12.24	38.96	246.01	121 559.65	166 825.67
1175	+	0.00	0.00	11.45	0.00	259.73	30 639.95	288 645.05	3.38	8.07	56.64	203.09	121 616.29	167 028.76
1176	+	0.00	0.00	10.57	0.00	220.27	30 639.95	288 865.32	2.84	7.73	62.23	158.04	121 678.52	167 186.80
1177	+	0.00	0.00	9.10	0.00	196.71	30 639.95	289 062.03	1.60	7.50	44.35	152.36	121 722.87	167 339.16
1178	+	0.00	0.00	7.92	0.00	170.11	30 639.95	289 232.14	0.83	7.09	24.22	145.89	121 747.09	167 485.05
1179	+	0.00	0.00	7.69	0.00	155.96	30 639.95	289 388.10	0.71	6.98	15.33	140.63	121 762.42	167 625.68
1180	+	0.00	0.00	8.49	0.00	161.77	30 639.95	289 549.87	1.07	7.42	17.80	143.97	121 780.22	167 769.65
1181	+	0.00	0.00	9.89	0.00	183.85	30 639.95	289 733.72	1.84	8.05	29.11	154.74	121 809.33	167 924.39
1182	+	0.00	0.00	10.05	0.00	199.44	30 639.95	289 933.16	1.95	8.10	37.93	161.51	121 847.26	168 085.90
1183	+	0.00	0.00	9.74	0.00	197.87	30 639.95	290 131.03	1.78	7.96	37.35	160.52	121 884.61	168 246.42
1184	+	0.00	0.00	9.60	0.00	193.39	30 639.95	290 324.42	1.71	7.89	34.89	158.50	121 919.50	168 404.92
1185	+	0.00	0.00	9.94	0.00	195.37	30 639.95	290 519.79	2.05	7.89	37.57	157.80	121 957.07	168 562.72
1185	+	1.11	0.00	9.94	0.00	11.05	30 639.95	290 530.84	2.06	7.88	2.28	8.77	121 959.35	168 571.49
1186	+	0.00	0.00	9.17	0.00	180.34	30 639.95	290 711.18	1.48	7.69	33.35	146.99	121 992.70	168 718.48
1187	+	0.00	0.00	9.11	0.00	182.79	30 639.95	290 893.97	1.36	7.75	28.39	154.40	122 021.09	168 872.88
1188	+	0.00	0.00	6.79	0.00	158.98	30 639.95	291 052.95	0.44	6.35	18.00	140.98	122 039.09	169 013.86

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1189	+	0.00	0.00	7.14	0.00	139.25	30 639.95	291 192.20	1.65	5.49	20.91	118.34	122 060.00	169 132.20
1190	+	0.00	0.00	4.57	0.00	117.09	30 639.95	291 309.29	0.56	4.01	22.16	94.93	122 082.16	169 227.13
1190	+	16.11	0.00	3.32	0.00	63.58	30 639.95	291 372.87	0.38	2.94	7.61	55.97	122 089.77	169 283.10
1191	+	0.00	0.00	2.80	0.00	11.92	30 639.95	291 384.79	0.24	2.56	1.22	10.70	122 090.99	169 293.80
1192	+	0.00	0.27	2.27	2.71	50.89	30 642.66	291 435.68	0.23	2.04	4.74	46.15	122 095.73	169 339.95
1193	+	0.00	1.47	1.47	17.33	37.46	30 659.99	291 473.14	0.06	1.41	2.88	34.58	122 098.61	169 374.53
1194	+	0.00	3.54	0.64	49.90	21.14	30 709.89	291 494.28	0.01	0.63	0.72	20.42	122 099.33	169 394.95
1195	+	0.00	5.08	0.00	85.98	6.48	30 795.87	291 500.76	0.00	0.00	0.12	6.36	122 099.45	169 401.31
1195	+	5.13	5.63	0.00	27.46	0.02	30 823.33	291 500.78	0.00	0.00	0.00	0.02	122 099.45	169 401.33
1196	+	0.00	6.81	0.00	92.56	0.01	30 915.89	291 500.79	0.00	0.00	0.00	0.01	122 099.45	169 401.34
1197	+	0.00	8.60	0.00	153.87	-0.01	31 069.76	291 500.78	0.00	0.00	0.00	-0.01	122 099.45	169 401.33
1198	+	0.00	11.05	0.00	196.19	-0.01	31 265.95	291 500.77	0.00	0.00	0.00	-0.01	122 099.45	169 401.32
1199	+	0.00	10.75	0.00	217.65	-0.01	31 483.60	291 500.76	0.00	0.00	0.00	-0.01	122 099.45	169 401.31
1199	+	14.14	11.61	0.00	158.10	0.00	31 641.70	291 500.76	0.00	0.00	0.00	0.00	122 099.45	169 401.31
1200	+	0.00	11.75	0.00	68.49	0.00	31 710.19	291 500.76	0.00	0.00	0.00	0.00	122 099.45	169 401.31
1201	+	0.00	10.11	0.00	218.62	0.00	31 928.81	291 500.76	0.00	0.00	0.00	0.00	122 099.45	169 401.31
1202	+	0.00	8.69	0.00	188.07	0.00	32 116.88	291 500.76	0.00	0.00	0.00	0.00	122 099.45	169 401.31
1203	+	0.00	6.02	0.00	147.19	0.00	32 264.07	291 500.76	0.00	0.00	0.00	0.00	122 099.45	169 401.31
1204	+	0.00	2.87	0.15	88.95	1.53	32 353.02	291 502.29	0.00	0.15	0.00	1.53	122 099.45	169 402.84
1205	+	0.00	1.14	0.98	40.13	11.36	32 393.15	291 513.65	0.00	0.98	0.00	11.36	122 099.45	169 414.20
1205	+	9.14	0.91	0.65	9.36	7.43	32 402.51	291 521.08	0.00	0.65	0.00	7.43	122 099.45	169 421.63
1206	+	0.00	0.16	1.19	5.81	9.99	32 408.32	291 531.07	0.00	1.19	0.01	9.98	122 099.46	169 431.61
1207	+	0.00	0.03	1.94	1.91	31.41	32 410.23	291 562.48	0.00	1.94	0.02	31.39	122 099.48	169 463.00
1208	+	0.00	0.00	3.68	0.28	56.19	32 410.51	291 618.67	0.35	3.33	3.46	52.73	122 102.94	169 515.73
1209	+	0.00	0.00	1.84	0.01	55.19	32 410.52	291 673.86	0.08	1.76	4.26	50.93	122 107.20	169 566.66
1210	+	0.00	1.30	0.40	13.02	22.46	32 423.54	291 696.32	0.01	0.39	0.94	21.52	122 108.14	169 588.18

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1211	+	0.00	3.49	0.00	47.88	4.03	32 471.42	291 700.35	0.00	0.00	0.14	3.89	122 108.28	169 592.07
1212	+	0.00	4.99	0.00	84.77	0.00	32 556.19	291 700.35	0.00	0.00	0.00	0.00	122 108.28	169 592.07
1213	+	0.00	4.12	0.00	91.07	0.00	32 647.26	291 700.35	0.00	0.00	0.00	0.00	122 108.28	169 592.07
1214	+	0.00	1.66	0.15	57.72	1.45	32 704.98	291 701.80	0.01	0.14	0.06	1.39	122 108.34	169 593.46
1215	+	0.00	0.39	0.78	20.44	9.22	32 725.42	291 711.02	0.14	0.64	1.41	7.81	122 109.75	169 601.27
1216	+	0.00	0.00	1.32	3.89	21.00	32 729.31	291 732.02	0.08	1.24	2.21	18.79	122 111.96	169 620.06
1217	+	0.00	0.00	2.30	0.01	36.20	32 729.32	291 768.22	0.13	2.17	2.13	34.07	122 114.09	169 654.13
1218	+	0.00	0.00	3.69	0.01	59.88	32 729.33	291 828.10	0.29	3.40	4.21	55.67	122 118.30	169 709.80
1219	+	0.00	0.00	4.81	0.00	85.03	32 729.33	291 913.13	0.40	4.41	6.95	78.08	122 125.25	169 787.88
1220	+	0.00	0.00	4.80	0.00	96.12	32 729.33	292 009.25	0.40	4.40	8.00	88.12	122 133.25	169 876.00
1221	+	0.00	0.00	7.25	0.00	120.56	32 729.33	292 129.81	1.10	6.15	15.02	105.54	122 148.27	169 981.54
1222	+	0.00	0.00	7.15	0.00	144.12	32 729.33	292 273.93	0.87	6.28	19.76	124.36	122 168.03	170 105.90
1222	+	16.11	0.00	7.98	0.00	121.89	32 729.33	292 395.82	1.15	6.83	16.26	105.63	122 184.29	170 211.53
1223	+	0.00	0.00	9.08	0.00	33.18	32 729.33	292 429.00	1.98	7.10	6.08	27.10	122 190.37	170 238.63
1224	+	0.00	0.00	11.66	0.00	207.38	32 729.33	292 636.38	3.68	7.98	56.56	150.82	122 246.93	170 389.45
1225	+	0.00	0.00	11.78	0.00	234.39	32 729.33	292 870.77	3.75	8.03	74.28	160.11	122 321.21	170 549.56
1226	+	0.00	0.00	12.55	0.00	243.44	32 729.33	293 114.21	4.45	8.10	82.16	161.28	122 403.37	170 710.84
1226	+	16.11	0.00	12.80	0.00	204.40	32 729.33	293 318.61	4.70	8.10	73.92	130.48	122 477.29	170 841.32
1227	+	0.00	0.00	13.31	0.00	50.82	32 729.33	293 369.43	5.21	8.10	19.30	31.52	122 496.59	170 872.84
1228	+	0.00	0.00	12.38	0.00	257.04	32 729.33	293 626.47	4.28	8.10	95.04	162.00	122 591.63	171 034.84
1229	+	0.00	0.00	10.85	0.00	232.46	32 729.33	293 858.93	3.16	7.69	74.49	157.97	122 666.12	171 192.81
1230	+	0.00	0.00	10.52	0.00	214.23	32 729.33	294 073.16	3.21	7.31	64.03	150.20	122 730.15	171 343.01
1230	+	8.76	0.00	10.43	0.00	92.08	32 729.33	294 165.24	3.19	7.24	28.24	63.84	122 758.39	171 406.85
1231	+	0.00	0.00	11.63	0.00	124.28	32 729.33	294 289.52	3.75	7.88	39.23	85.05	122 797.62	171 491.90
1232	+	0.00	0.00	11.31	0.00	229.99	32 729.33	294 519.51	3.74	7.57	75.32	154.67	122 872.94	171 646.57
1233	+	0.00	0.00	9.06	0.00	204.25	32 729.33	294 723.76	2.26	6.80	60.38	143.87	122 933.32	171 790.44

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1234	+	0.00	0.00	7.46	0.00	165.78	32 729.33	294 889.54	1.44	6.02	37.29	128.49	122 970.61	171 918.93
1234	+	1.42	0.00	7.46	0.00	10.57	32 729.33	294 900.11	1.52	5.94	2.10	8.47	122 972.71	171 927.40
1235	+	0.00	0.00	7.32	0.00	137.74	32 729.33	295 037.85	0.74	6.58	21.20	116.54	122 993.91	172 043.94
1236	+	0.00	0.00	8.00	0.00	153.33	32 729.33	295 191.18	0.85	7.15	15.95	137.38	123 009.86	172 181.32
1237	+	0.00	0.00	8.02	0.00	160.21	32 729.33	295 351.39	0.71	7.31	15.60	144.61	123 025.46	172 325.93
1238	+	0.00	0.00	8.27	0.00	162.99	32 729.33	295 514.38	0.83	7.44	15.46	147.53	123 040.92	172 473.46
1238	+	1.42	0.00	7.88	0.00	11.43	32 729.33	295 525.81	0.77	7.11	1.13	10.30	123 042.05	172 483.76
1239	+	0.00	0.00	8.08	0.00	148.27	32 729.33	295 674.08	0.62	7.46	12.90	135.37	123 054.95	172 619.13
1240	+	0.00	0.00	9.03	0.00	171.11	32 729.33	295 845.19	1.65	7.38	22.68	148.43	123 077.63	172 767.56
1241	+	0.00	0.00	9.35	0.00	183.77	32 729.33	296 028.96	2.03	7.32	36.77	147.00	123 114.40	172 914.56
1242	+	0.00	0.00	10.10	0.00	194.49	32 729.33	296 223.45	2.59	7.51	46.19	148.30	123 160.59	173 062.86
1243	+	0.00	0.00	9.90	0.00	200.10	32 729.33	296 423.55	2.22	7.68	48.13	151.97	123 208.72	173 214.83
1244	+	0.00	0.00	11.66	0.00	215.71	32 729.33	296 639.26	0.57	11.09	27.93	187.78	123 236.65	173 402.61
1245	+	0.00	0.00	13.64	0.00	253.07	32 729.33	296 892.33	1.25	12.39	18.23	234.84	123 254.88	173 637.45
1246	+	0.00	0.00	14.26	0.00	279.08	32 729.33	297 171.41	1.71	12.55	29.66	249.42	123 284.54	173 886.87
1247	+	0.00	0.00	14.38	0.00	286.41	32 729.33	297 457.82	1.89	12.49	35.99	250.42	123 320.53	174 137.29
1248	+	0.00	0.00	14.04	0.00	284.24	32 729.33	297 742.06	1.68	12.36	35.72	248.52	123 356.25	174 385.81
1249	+	0.00	0.00	13.47	0.00	275.19	32 729.33	298 017.25	1.52	11.95	32.01	243.18	123 388.26	174 628.99
1250	+	0.00	0.00	14.04	0.00	275.07	32 729.33	298 292.32	1.92	12.12	34.35	240.72	123 422.61	174 869.71
1251	+	0.00	0.00	14.35	0.00	283.90	32 729.33	298 576.22	2.15	12.20	40.73	243.17	123 463.34	175 112.88
1252	+	0.00	0.00	15.79	0.00	301.42	32 729.33	298 877.64	3.00	12.79	51.55	249.87	123 514.89	175 362.75
1253	+	0.00	0.00	18.30	0.00	340.84	32 729.33	299 218.48	4.80	13.50	77.97	262.87	123 592.86	175 625.62
1254	+	0.00	0.00	20.53	0.00	388.30	32 729.33	299 606.78	7.03	13.50	118.30	270.00	123 711.16	175 895.62
1255	+	0.00	0.00	22.43	0.00	429.61	32 729.33	300 036.39	8.93	13.50	159.61	270.00	123 870.77	176 165.62
1256	+	0.00	0.00	22.91	0.00	453.37	32 729.33	300 489.76	9.41	13.50	183.37	270.00	124 054.14	176 435.62
1257	+	0.00	0.00	23.18	0.00	460.86	32 729.33	300 950.62	9.68	13.50	190.86	270.00	124 245.00	176 705.62

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1258	+	0.00	0.00	23.36	0.00	465.34	32 729.33	301 415.96	9.86	13.50	195.34	270.00	124 440.34	176 975.62
1259	+	0.00	0.00	24.66	0.00	480.21	32 729.33	301 896.17	11.16	13.50	210.21	270.00	124 650.55	177 245.62
1260	+	0.00	0.00	24.60	0.00	492.60	32 729.33	302 388.77	11.10	13.50	222.60	270.00	124 873.15	177 515.62
1261	+	0.00	0.00	24.24	0.00	488.39	32 729.33	302 877.16	10.74	13.50	218.39	270.00	125 091.54	177 785.62
1262	+	0.00	0.00	22.68	0.00	469.23	32 729.33	303 346.39	9.18	13.50	199.23	270.00	125 290.77	178 055.62
1263	+	0.00	0.00	24.51	0.00	471.95	32 729.33	303 818.34	11.01	13.50	201.95	270.00	125 492.72	178 325.62
1264	+	0.00	0.00	27.50	0.00	520.13	32 729.33	304 338.47	14.00	13.50	250.13	270.00	125 742.85	178 595.62
1265	+	0.00	0.00	28.50	0.00	559.96	32 729.33	304 898.43	15.00	13.50	289.96	270.00	126 032.81	178 865.62
1266	+	0.00	0.00	22.48	0.00	509.79	32 729.33	305 408.22	8.98	13.50	239.79	270.00	126 272.60	179 135.62
1267	+	0.00	0.00	16.78	0.00	392.60	32 729.33	305 800.82	3.67	13.11	126.47	266.13	126 399.07	179 401.75
1268	+	0.00	0.00	16.41	0.00	331.83	32 729.33	306 132.65	3.23	13.18	68.95	262.88	126 468.02	179 664.63
1269	+	0.00	0.00	18.40	0.00	348.04	32 729.33	306 480.69	4.92	13.48	81.53	266.51	126 549.55	179 931.14
1270	+	0.00	0.00	23.61	0.00	420.14	32 729.33	306 900.83	10.11	13.50	150.38	269.76	126 699.93	180 200.90
1271	+	0.00	0.00	24.30	0.00	479.12	32 729.33	307 379.95	10.80	13.50	209.12	270.00	126 909.05	180 470.90
1272	+	0.00	0.00	24.77	0.00	490.66	32 729.33	307 870.61	11.27	13.50	220.66	270.00	127 129.71	180 740.90
1273	+	0.00	0.00	22.11	0.00	468.80	32 729.33	308 339.41	8.61	13.50	198.80	270.00	127 328.51	181 010.90
1274	+	0.00	0.00	18.05	0.00	401.62	32 729.33	308 741.03	5.27	12.78	138.77	262.85	127 467.28	181 273.75
1275	+	0.00	0.00	10.92	0.00	289.69	32 729.33	309 030.72	2.90	8.02	81.64	208.05	127 548.92	181 481.80
1276	+	0.00	0.00	10.48	0.00	213.91	32 729.33	309 244.63	2.77	7.71	56.65	157.26	127 605.57	181 639.06
1277	+	0.00	0.00	8.02	0.00	184.92	32 729.33	309 429.55	1.05	6.97	38.21	146.71	127 643.78	181 785.77
1278	+	0.00	0.00	6.13	0.00	141.48	32 729.33	309 571.03	0.44	5.69	14.94	126.54	127 658.72	181 912.31
1279	+	0.00	0.00	4.48	0.00	106.14	32 729.33	309 677.17	0.29	4.19	7.34	98.80	127 666.06	182 011.11
1280	+	0.00	0.00	2.74	0.00	72.32	32 729.33	309 749.49	0.04	2.70	3.38	68.94	127 669.44	182 080.05
1281	+	0.00	0.00	1.32	0.05	40.74	32 729.38	309 790.23	0.01	1.31	0.57	40.17	127 670.01	182 120.22
1282	+	0.00	0.00	2.12	0.06	34.53	32 729.44	309 824.76	0.01	2.11	0.23	34.30	127 670.24	182 154.52
1283	+	0.00	0.00	3.91	0.01	60.36	32 729.45	309 885.12	0.04	3.87	0.54	59.82	127 670.78	182 214.34

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1284	+	0.00	0.00	6.37	0.00	102.75	32 729.45	309 987.87	0.36	6.01	3.99	98.76	127 674.77	182 313.10
1284	+	2.34	0.00	6.65	0.00	15.24	32 729.45	310 003.11	0.43	6.22	0.92	14.32	127 675.69	182 327.42
1285	+	0.00	0.00	8.72	0.00	135.72	32 729.45	310 138.83	1.58	7.14	17.74	117.98	127 693.43	182 445.40
1286	+	0.00	0.00	10.59	0.00	193.44	32 729.45	310 332.27	3.17	7.42	47.75	145.69	127 741.18	182 591.09
1287	+	0.00	0.00	10.57	0.00	212.31	32 729.45	310 544.58	3.47	7.10	66.95	145.36	127 808.13	182 736.45
1287	+	2.34	0.00	10.68	0.00	24.90	32 729.45	310 569.48	3.68	7.00	8.38	16.52	127 816.51	182 752.97
1288	+	0.00	0.00	12.81	0.00	208.53	32 729.45	310 778.01	6.02	6.79	86.52	122.01	127 903.03	182 874.98
1289	+	0.00	0.00	6.56	0.00	194.64	32 729.45	310 972.65	0.31	6.25	64.02	130.62	127 967.05	183 005.60
1290	+	0.00	0.00	5.05	0.00	116.42	32 729.45	311 089.07	0.17	4.88	4.91	111.51	127 971.96	183 117.11
1291	+	0.00	0.40	1.67	3.93	67.48	32 733.38	311 156.55	0.07	1.60	2.48	65.00	127 974.44	183 182.11
1291	+	8.27	0.74	1.41	4.69	12.71	32 738.07	311 169.26	0.07	1.34	0.59	12.12	127 975.03	183 194.23
1292	+	0.00	0.66	2.64	8.08	23.88	32 746.15	311 193.14	0.12	2.52	1.12	22.76	127 976.15	183 216.99
1293	+	0.00	0.00	6.12	6.50	87.94	32 752.65	311 281.08	0.41	5.71	5.36	82.58	127 981.51	183 299.57
1294	+	0.00	0.00	13.72	0.00	198.95	32 752.65	311 480.03	1.98	11.74	24.22	174.73	128 005.73	183 474.30
1295	+	0.00	0.00	20.24	0.00	340.46	32 752.65	311 820.49	6.87	13.37	89.19	251.27	128 094.92	183 725.57
1295	+	14.20	0.00	27.19	0.00	337.74	32 752.65	312 158.23	13.69	13.50	146.91	190.83	128 241.83	183 916.40
1296	+	0.00	0.00	24.45	0.00	149.74	32 752.65	312 307.97	10.95	13.50	71.45	78.29	128 313.28	183 994.69
1297	+	0.00	0.00	22.86	0.00	473.65	32 752.65	312 781.62	9.36	13.50	203.65	270.00	128 516.93	184 264.69
1298	+	0.00	0.00	20.12	0.00	429.84	32 752.65	313 211.46	6.62	13.50	159.84	270.00	128 676.77	184 534.69
1298	+	14.20	0.00	17.82	0.00	269.42	32 752.65	313 480.88	4.34	13.48	77.84	191.58	128 754.61	184 726.27
1299	+	0.00	0.00	17.13	0.00	101.37	32 752.65	313 582.25	3.69	13.44	23.29	78.08	128 777.90	184 804.35
1300	+	0.00	0.00	13.46	0.00	305.98	32 752.65	313 888.23	5.36	8.10	90.53	215.45	128 868.43	185 019.80
1301	+	0.00	0.00	9.63	0.00	230.92	32 752.65	314 119.15	1.53	8.10	68.92	162.00	128 937.35	185 181.80
1302	+	0.00	0.00	10.92	0.00	205.49	32 752.65	314 324.64	2.82	8.10	43.49	162.00	128 980.84	185 343.80
1303	+	0.00	0.00	13.72	0.00	246.38	32 752.65	314 571.02	1.42	12.30	42.37	204.01	129 023.21	185 547.81
1304	+	0.00	0.00	17.39	0.00	311.08	32 752.65	314 882.10	4.00	13.39	54.15	256.93	129 077.36	185 804.74

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1305	+	0.00	0.00	20.91	0.00	383.03	32 752.65	315 265.13	7.41	13.50	114.11	268.92	129 191.47	186 073.66
1306	+	0.00	0.00	24.46	0.00	453.68	32 752.65	315 718.81	10.96	13.50	183.68	270.00	129 375.15	186 343.66
1307	+	0.00	0.00	28.29	0.00	527.42	32 752.65	316 246.23	14.79	13.50	257.42	270.00	129 632.57	186 613.66
1308	+	0.00	0.00	28.34	0.00	566.25	32 752.65	316 812.48	14.84	13.50	296.25	270.00	129 928.82	186 883.66
1309	+	0.00	0.00	26.27	0.00	546.10	32 752.65	317 358.58	12.77	13.50	276.10	270.00	130 204.92	187 153.66
1310	+	0.00	0.00	22.08	0.00	483.53	32 752.65	317 842.11	8.58	13.50	213.53	270.00	130 418.45	187 423.66
1311	+	0.00	0.00	17.22	0.00	393.06	32 752.65	318 235.17	3.89	13.33	124.72	268.34	130 543.17	187 692.00
1312	+	0.00	0.00	11.19	0.00	284.14	32 752.65	318 519.31	3.10	8.09	69.89	214.25	130 613.06	187 906.25
1313	+	0.00	0.00	8.81	0.00	199.94	32 752.65	318 719.25	1.18	7.63	42.78	157.16	130 655.84	188 063.41
1314	+	0.00	0.00	7.67	0.00	164.76	32 752.65	318 884.01	0.79	6.88	19.71	145.05	130 675.55	188 208.46
1315	+	0.00	0.00	8.16	0.00	158.26	32 752.65	319 042.27	1.18	6.98	19.68	138.58	130 695.23	188 347.04
1316	+	0.00	0.00	11.50	0.00	196.57	32 752.65	319 238.84	0.74	10.76	19.22	177.35	130 714.45	188 524.39
1317	+	0.00	0.00	17.62	0.00	291.20	32 752.65	319 530.04	4.25	13.37	49.95	241.25	130 764.40	188 765.64
1318	+	0.00	0.00	21.36	0.00	389.81	32 752.65	319 919.85	7.86	13.50	121.13	268.68	130 885.53	189 034.32
1319	+	0.00	0.00	28.80	0.00	501.59	32 752.65	320 421.44	15.30	13.50	231.59	270.00	131 117.12	189 304.32
1320	+	0.00	0.00	29.15	0.00	579.50	32 752.65	321 000.94	15.65	13.50	309.50	270.00	131 426.62	189 574.32
1321	+	0.00	0.00	27.77	0.00	569.28	32 752.65	321 570.22	14.27	13.50	299.28	270.00	131 725.90	189 844.32
1322	+	0.00	0.00	27.65	0.00	554.22	32 752.65	322 124.44	14.15	13.50	284.22	270.00	132 010.12	190 114.32
1323	+	0.00	0.00	27.09	0.00	547.39	32 752.65	322 671.83	13.59	13.50	277.39	270.00	132 287.51	190 384.32
1324	+	0.00	0.00	27.73	0.00	548.22	32 752.65	323 220.05	14.23	13.50	278.22	270.00	132 565.73	190 654.32
1325	+	0.00	0.00	27.61	0.00	553.40	32 752.65	323 773.45	14.11	13.50	283.40	270.00	132 849.13	190 924.32
1326	+	0.00	0.00	26.21	0.00	538.16	32 752.65	324 311.61	12.71	13.50	268.16	270.00	133 117.29	191 194.32
1327	+	0.00	0.00	26.62	0.00	528.23	32 752.65	324 839.84	13.12	13.50	258.23	270.00	133 375.52	191 464.32
1328	+	0.00	0.00	27.45	0.00	540.70	32 752.65	325 380.54	13.95	13.50	270.70	270.00	133 646.22	191 734.32
1329	+	0.00	0.00	30.33	0.00	577.85	32 752.65	325 958.39	16.83	13.50	307.85	270.00	133 954.07	192 004.32
1330	+	0.00	0.00	35.19	0.00	655.20	32 752.65	326 613.59	21.69	13.50	385.20	270.00	134 339.27	192 274.32

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1331	+	0.00	0.00	39.71	0.00	749.04	32 752.65	327 362.63	26.21	13.50	479.04	270.00	134 818.31	192 544.32
1332	+	0.00	0.00	42.52	0.00	822.32	32 752.65	328 184.95	29.02	13.50	552.32	270.00	135 370.63	192 814.32
1333	+	0.00	0.00	39.44	0.00	819.56	32 752.65	329 004.51	25.94	13.50	549.56	270.00	135 920.19	193 084.32
1334	+	0.00	0.00	34.56	0.00	740.02	32 752.65	329 744.53	21.06	13.50	470.02	270.00	136 390.21	193 354.32
1335	+	0.00	0.00	27.85	0.00	624.15	32 752.65	330 368.68	14.35	13.50	354.15	270.00	136 744.36	193 624.32
1336	+	0.00	0.00	20.17	0.00	480.22	32 752.65	330 848.90	6.67	13.50	210.26	269.96	136 954.62	193 894.28
1337	+	0.00	0.00	11.16	0.00	313.32	32 752.65	331 162.22	3.11	8.05	97.88	215.44	137 052.50	194 109.72
1338	+	0.00	0.00	3.81	0.00	149.65	32 752.65	331 311.87	0.06	3.75	31.70	117.95	137 084.20	194 227.67
1339	+	0.00	0.05	2.08	0.51	58.82	32 753.16	331 370.69	0.00	2.08	0.57	58.25	137 084.77	194 285.92
1340	+	0.00	0.11	3.72	1.65	58.02	32 754.81	331 428.71	0.10	3.62	1.04	56.98	137 085.81	194 342.90
1341	+	0.00	0.00	9.74	1.14	134.60	32 755.95	331 563.31	1.88	7.86	19.81	114.79	137 105.62	194 457.69
1342	+	0.00	0.00	14.59	0.00	243.37	32 755.95	331 806.68	1.67	12.92	35.53	207.84	137 141.15	194 665.53
1343	+	0.00	0.00	15.29	0.00	298.83	32 755.95	332 105.51	2.26	13.03	39.30	259.53	137 180.45	194 925.06
1344	+	0.00	0.00	15.63	0.00	309.18	32 755.95	332 414.69	2.33	13.30	45.84	263.34	137 226.29	195 188.40
1345	+	0.00	0.00	13.88	0.00	295.12	32 755.95	332 709.81	1.13	12.75	34.55	260.57	137 260.84	195 448.97
1346	+	0.00	0.00	14.50	0.00	283.84	32 755.95	332 993.65	1.81	12.69	29.39	254.45	137 290.23	195 703.42
1347	+	0.00	0.00	14.16	0.00	286.68	32 755.95	333 280.33	1.86	12.30	36.75	249.93	137 326.98	195 953.35
1348	+	0.00	0.00	11.79	0.00	259.53	32 755.95	333 539.86	0.91	10.88	27.71	231.82	137 354.69	196 185.17
1349	+	0.00	0.00	11.48	0.00	232.66	32 755.95	333 772.52	1.04	10.44	19.46	213.20	137 374.15	196 398.37
1350	+	0.00	0.00	9.46	0.00	209.31	32 755.95	333 981.83	2.13	7.33	31.66	177.65	137 405.81	196 576.02
1351	+	0.00	0.00	8.63	0.00	180.77	32 755.95	334 162.60	1.61	7.02	37.33	143.44	137 443.14	196 719.46
1352	+	0.00	0.00	7.65	0.00	162.75	32 755.95	334 325.35	1.00	6.65	26.09	136.66	137 469.23	196 856.12
1353	+	0.00	0.00	7.85	0.00	155.01	32 755.95	334 480.36	1.00	6.85	19.98	135.03	137 489.21	196 991.15
1354	+	0.00	0.00	11.03	0.00	188.82	32 755.95	334 669.18	2.93	8.10	39.27	149.55	137 528.48	197 140.70
1355	+	0.00	0.00	16.20	0.00	272.39	32 755.95	334 941.57	2.97	13.23	59.05	213.34	137 587.53	197 354.04
1356	+	0.00	0.00	21.71	0.00	379.17	32 755.95	335 320.74	8.21	13.50	111.83	267.34	137 699.36	197 621.38

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1357	+	0.00	0.00	28.04	0.00	497.49	32 755.95	335 818.23	14.54	13.50	227.49	270.00	137 926.85	197 891.38
1358	+	0.00	0.00	35.08	0.00	631.22	32 755.95	336 449.45	21.58	13.50	361.22	270.00	138 288.07	198 161.38
1359	+	0.00	0.00	43.98	0.00	790.67	32 755.95	337 240.12	30.48	13.50	520.67	270.00	138 808.74	198 431.38
1360	+	0.00	0.00	53.00	0.00	969.89	32 755.95	338 210.01	39.50	13.50	699.89	270.00	139 508.63	198 701.38
1361	+	0.00	0.00	58.54	0.00	1 115.46	32 755.95	339 325.47	45.04	13.50	845.46	270.00	140 354.09	198 971.38
1362	+	0.00	0.00	60.63	0.00	1 191.69	32 755.95	340 517.16	47.13	13.50	921.69	270.00	141 275.78	199 241.38
1363	+	0.00	0.00	59.29	0.00	1 199.16	32 755.95	341 716.32	45.79	13.50	929.16	270.00	142 204.94	199 511.38
1364	+	0.00	0.00	55.58	0.00	1 148.71	32 755.95	342 865.03	42.08	13.50	878.71	270.00	143 083.65	199 781.38
1365	+	0.00	0.00	49.62	0.00	1 051.99	32 755.95	343 917.02	36.12	13.50	781.99	270.00	143 865.64	200 051.38
1366	+	0.00	0.00	40.28	0.00	898.93	32 755.95	344 815.95	26.78	13.50	628.93	270.00	144 494.57	200 321.38
1367	+	0.00	0.00	30.48	0.00	707.58	32 755.95	345 523.53	16.98	13.50	437.58	270.00	144 932.15	200 591.38
1368	+	0.00	0.00	26.36	0.00	568.35	32 755.95	346 091.88	12.86	13.50	298.35	270.00	145 230.50	200 861.38
1368	+	1.42	0.00	26.51	0.00	37.40	32 755.95	346 129.28	13.01	13.50	18.30	19.10	145 248.80	200 880.48
1369	+	0.00	0.00	25.61	0.00	485.06	32 755.95	346 614.34	12.11	13.50	234.16	250.90	145 482.96	201 131.38
1370	+	0.00	0.00	21.03	0.00	467.04	32 755.95	347 081.38	7.55	13.48	197.25	269.79	145 680.21	201 401.17
1370	+	6.29	0.00	20.89	0.00	131.82	32 755.95	347 213.20	12.79	8.10	63.96	67.86	145 744.17	201 469.03
1371	+	0.00	0.00	15.02	0.00	246.60	32 755.95	347 459.80	6.95	8.07	135.73	110.87	145 879.90	201 579.90
1372	+	0.00	0.00	10.52	0.00	255.98	32 755.95	347 715.78	2.81	7.71	98.08	157.90	145 977.98	201 737.80
1372	+	11.17	0.00	7.74	0.00	101.95	32 755.95	347 817.73	0.96	6.78	21.03	80.92	145 999.01	201 818.72
1373	+	0.00	0.00	6.73	0.00	63.92	32 755.95	347 881.65	0.35	6.38	5.76	58.16	146 004.77	201 876.88
1374	+	0.00	0.00	4.51	0.00	112.42	32 755.95	347 994.07	0.11	4.40	4.58	107.84	146 009.35	201 984.72
1375	+	0.00	0.07	1.07	0.67	55.77	32 756.62	348 049.84	0.00	1.07	1.12	54.65	146 010.47	202 039.37
1376	+	0.00	1.25	0.24	13.16	13.03	32 769.78	348 062.87	0.01	0.23	0.06	12.97	146 010.53	202 052.34
1377	+	0.00	1.21	0.00	24.64	2.38	32 794.42	348 065.25	0.00	0.00	0.06	2.32	146 010.59	202 054.66
1378	+	0.00	0.05	3.61	12.61	36.09	32 807.03	348 101.34	0.06	3.55	0.60	35.49	146 011.19	202 090.15
1379	+	0.00	0.00	10.89	0.47	145.03	32 807.50	348 246.37	3.07	7.82	31.30	113.73	146 042.49	202 203.88

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1380	+	0.00	0.00	17.70	0.00	285.90	32 807.50	348 532.27	5.15	12.55	82.15	203.75	146 124.64	202 407.63
1380	+	13.84	0.00	17.20	0.00	241.43	32 807.50	348 773.70	4.72	12.48	68.25	173.18	146 192.89	202 580.81
1381	+	0.00	0.00	16.28	0.00	103.18	32 807.50	348 876.88	3.74	12.54	26.06	77.12	146 218.95	202 657.93
1382	+	0.00	0.00	16.12	0.00	323.96	32 807.50	349 200.84	2.98	13.14	67.16	256.80	146 286.11	202 914.73
1383	+	0.00	0.00	14.60	0.00	307.57	32 807.50	349 508.41	6.50	8.10	95.19	212.38	146 381.30	203 127.11
1383	+	13.84	0.00	14.52	0.00	202.05	32 807.50	349 710.46	6.65	7.87	91.54	110.51	146 472.84	203 237.62
1384	+	0.00	0.00	14.58	0.00	89.66	32 807.50	349 800.12	6.79	7.79	41.41	48.25	146 514.25	203 285.87
1385	+	0.00	0.00	12.55	0.00	272.29	32 807.50	350 072.41	4.68	7.87	115.68	156.61	146 629.93	203 442.48
1386	+	0.00	0.00	12.09	0.00	247.01	32 807.50	350 319.42	3.99	8.10	87.30	159.71	146 717.23	203 602.19
1387	+	0.00	0.00	13.60	0.00	257.35	32 807.50	350 576.77	5.50	8.10	95.35	162.00	146 812.58	203 764.19
1387	+	7.42	0.00	13.61	0.00	100.94	32 807.50	350 677.71	5.51	8.10	40.84	60.10	146 853.42	203 824.29
1388	+	0.00	0.00	12.29	0.00	163.07	32 807.50	350 840.78	4.19	8.10	61.17	101.90	146 914.59	203 926.19
1389	+	0.00	0.00	9.09	0.00	213.97	32 807.50	351 054.75	1.54	7.55	57.45	156.52	146 972.04	204 082.71
1390	+	0.00	0.00	5.30	0.00	144.06	32 807.50	351 198.81	0.21	5.09	17.60	126.46	146 989.64	204 209.17
1391	+	0.00	0.00	4.19	0.00	95.01	32 807.50	351 293.82	0.10	4.09	3.12	91.89	146 992.76	204 301.06
1391	+	1.00	0.00	4.09	0.00	4.16	32 807.50	351 297.98	0.09	4.00	0.10	4.06	146 992.86	204 305.12
1392	+	0.00	0.00	5.21	0.00	88.44	32 807.50	351 386.42	0.27	4.94	3.41	85.03	146 996.27	204 390.15
1393	+	0.00	0.00	8.48	0.00	136.89	32 807.50	351 523.31	0.82	7.66	10.86	126.03	147 007.13	204 516.18
1394	+	0.00	0.00	8.66	0.00	171.44	32 807.50	351 694.75	1.23	7.43	20.54	150.90	147 027.67	204 667.08
1394	+	1.00	0.00	8.58	0.00	8.65	32 807.50	351 703.40	1.23	7.35	1.24	7.41	147 028.91	204 674.49
1395	+	0.00	0.00	9.91	0.00	175.66	32 807.50	351 879.06	2.22	7.69	32.82	142.84	147 061.73	204 817.33
1396	+	0.00	0.00	10.90	0.00	208.13	32 807.50	352 087.19	3.17	7.73	53.87	154.26	147 115.60	204 971.59
1397	+	0.00	0.00	8.55	0.00	194.51	32 807.50	352 281.70	1.71	6.84	48.80	145.71	147 164.40	205 117.30
1398	+	0.00	0.01	5.95	0.14	145.11	32 807.64	352 426.81	0.36	5.59	20.77	124.34	147 185.17	205 241.64
1399	+	0.00	1.38	1.45	13.95	74.08	32 821.59	352 500.89	0.02	1.43	3.83	70.25	147 189.00	205 311.89
1400	+	0.00	3.68	0.00	50.59	14.48	32 872.18	352 515.37	0.00	0.00	0.20	14.28	147 189.20	205 326.17

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1401	+	0.00	4.87	0.00	85.44	0.00	32 957.62	352 515.37	0.00	0.00	0.00	0.00	147 189.20	205 326.17
1402	+	0.00	3.25	0.00	81.19	0.00	33 038.81	352 515.37	0.00	0.00	0.00	0.00	147 189.20	205 326.17
1403	+	0.00	1.52	1.07	47.70	10.66	33 086.51	352 526.03	0.00	1.07	0.00	10.66	147 189.20	205 336.83
1404	+	0.00	0.48	2.03	20.00	30.91	33 106.51	352 556.94	0.02	2.01	0.17	30.74	147 189.37	205 367.57
1405	+	0.00	0.00	4.41	4.83	64.35	33 111.34	352 621.29	0.05	4.36	0.71	63.64	147 190.08	205 431.21
1406	+	0.00	0.00	5.07	0.00	94.83	33 111.34	352 716.12	0.16	4.91	2.16	92.67	147 192.24	205 523.88
1407	+	0.00	0.00	5.96	0.00	110.37	33 111.34	352 826.49	0.27	5.69	4.35	106.02	147 196.59	205 629.90
1408	+	0.00	0.00	6.65	0.00	126.13	33 111.34	352 952.62	0.28	6.37	5.52	120.61	147 202.11	205 750.51
1409	+	0.00	0.01	2.38	0.07	90.25	33 111.41	353 042.87	0.01	2.37	2.87	87.38	147 204.98	205 837.89
1410	+	0.00	1.19	0.18	11.95	25.53	33 123.36	353 068.40	0.00	0.18	0.07	25.46	147 205.05	205 863.35
1411	+	0.00	7.80	0.00	89.90	1.77	33 213.26	353 070.17	0.00	0.00	0.00	1.77	147 205.05	205 865.12
1412	+	0.00	12.51	0.00	203.11	0.00	33 416.37	353 070.17	0.00	0.00	0.00	0.00	147 205.05	205 865.12
1413	+	0.00	17.73	0.00	302.40	0.00	33 718.77	353 070.17	0.00	0.00	0.00	0.00	147 205.05	205 865.12
1414	+	0.00	20.38	0.00	381.13	-0.01	34 099.90	353 070.16	0.00	0.00	0.00	-0.01	147 205.05	205 865.11
1415	+	0.00	19.46	0.00	398.45	0.00	34 498.35	353 070.16	0.00	0.00	0.00	0.00	147 205.05	205 865.11
1416	+	0.00	16.19	0.00	356.52	0.00	34 854.87	353 070.16	0.00	0.00	0.00	0.00	147 205.05	205 865.11
1417	+	0.00	13.16	0.00	293.48	-0.01	35 148.35	353 070.15	0.00	0.00	0.00	-0.01	147 205.05	205 865.10
1418	+	0.00	11.49	0.00	246.54	0.00	35 394.89	353 070.15	0.00	0.00	0.00	0.00	147 205.05	205 865.10
1419	+	0.00	10.13	0.00	216.21	0.00	35 611.10	353 070.15	0.00	0.00	0.00	0.00	147 205.05	205 865.10
1420	+	0.00	5.64	0.00	157.65	0.00	35 768.75	353 070.15	0.00	0.00	0.00	0.00	147 205.05	205 865.10
1421	+	0.00	1.45	0.00	70.88	-0.01	35 839.63	353 070.14	0.00	0.00	0.00	-0.01	147 205.05	205 865.09
1422	+	0.00	0.02	1.25	14.66	12.47	35 854.29	353 082.61	0.03	1.22	0.30	12.17	147 205.35	205 877.26
1423	+	0.00	0.00	4.51	0.16	57.58	35 854.45	353 140.19	0.06	4.45	0.88	56.70	147 206.23	205 933.96
1424	+	0.00	0.00	12.04	0.00	165.45	35 854.45	353 305.64	3.96	8.08	40.16	125.29	147 246.39	206 059.25
1425	+	0.00	0.00	16.40	0.00	284.35	35 854.45	353 589.99	3.04	13.36	69.98	214.37	147 316.37	206 273.62
1426	+	0.00	0.00	19.56	0.00	359.64	35 854.45	353 949.63	6.06	13.50	91.03	268.61	147 407.40	206 542.23

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1427	+	0.00	0.00	24.64	0.00	442.04	35 854.45	354 391.67	11.14	13.50	172.04	270.00	147 579.44	206 812.23
1427	+	15.33	0.00	24.82	0.00	379.03	35 854.45	354 770.70	11.32	13.50	172.13	206.90	147 751.57	207 019.13
1428	+	0.00	0.00	24.56	0.00	115.42	35 854.45	354 886.12	11.06	13.50	52.32	63.10	147 803.89	207 082.23
1429	+	0.00	0.00	25.35	0.00	499.96	35 854.45	355 386.08	11.85	13.50	229.96	270.00	148 033.85	207 352.23
1430	+	0.00	0.00	21.37	0.00	468.14	35 854.45	355 854.22	8.05	13.32	199.95	268.19	148 233.80	207 620.42
1431	+	0.00	0.00	19.63	0.00	410.82	35 854.45	356 265.04	6.72	12.91	148.48	262.34	148 382.28	207 882.76
1431	+	10.74	0.00	16.61	0.00	194.62	35 854.45	356 459.66	3.95	12.66	57.28	137.34	148 439.56	208 020.10
1432	+	0.00	0.00	15.99	0.00	150.95	35 854.45	356 610.61	3.71	12.28	35.46	115.49	148 475.02	208 135.59
1433	+	0.00	0.00	12.10	0.00	281.68	35 854.45	356 892.29	4.29	7.81	80.66	201.02	148 555.68	208 336.61
1434	+	0.00	0.00	10.39	0.00	225.48	35 854.45	357 117.77	3.26	7.13	76.01	149.47	148 631.69	208 486.08
1435	+	0.00	0.00	9.35	0.00	197.74	35 854.45	357 315.51	1.75	7.60	50.39	147.35	148 682.08	208 633.43
1435	+	6.16	0.00	9.06	0.00	56.65	35 854.45	357 372.16	1.44	7.62	9.82	46.83	148 691.90	208 680.26
1436	+	0.00	0.00	9.24	0.00	126.70	35 854.45	357 498.86	1.45	7.79	20.03	106.67	148 711.93	208 786.93
1437	+	0.00	0.00	9.73	0.00	189.66	35 854.45	357 688.52	1.67	8.06	31.21	158.45	148 743.14	208 945.38
1438	+	0.00	0.00	11.67	0.00	213.92	35 854.45	357 902.44	3.57	8.10	52.37	161.55	148 795.51	209 106.93
1439	+	0.00	0.00	15.26	0.00	269.30	35 854.45	358 171.74	2.27	12.99	58.40	210.90	148 853.91	209 317.83
1439	+	1.14	0.00	15.25	0.00	17.38	35 854.45	358 189.12	2.20	13.05	2.55	14.83	148 856.46	209 332.66
1440	+	0.00	0.00	19.11	0.00	324.03	35 854.45	358 513.15	5.61	13.50	73.65	250.38	148 930.11	209 583.04
1441	+	0.00	0.00	23.08	0.00	422.20	35 854.45	358 935.35	9.58	13.50	152.20	270.00	149 082.31	209 853.04
1441	+	19.14	0.00	25.38	0.00	464.60	35 854.45	359 399.95	11.88	13.50	206.22	258.38	149 288.53	210 111.42
1442	+	0.00	0.00	25.41	0.00	21.86	35 854.45	359 421.81	11.91	13.50	10.24	11.62	149 298.77	210 123.04
1443	+	0.00	0.00	27.54	0.00	530.80	35 854.45	359 952.61	14.04	13.50	260.80	270.00	149 559.57	210 393.04
1444	+	0.00	0.00	25.99	0.00	536.72	35 854.45	360 489.33	12.49	13.50	266.72	270.00	149 826.29	210 663.04
1445	+	0.00	0.00	23.41	0.00	495.57	35 854.45	360 984.90	9.91	13.50	225.57	270.00	150 051.86	210 933.04
1446	+	0.00	0.00	17.49	0.00	410.32	35 854.45	361 395.22	4.66	12.83	146.88	263.44	150 198.74	211 196.48
1447	+	0.00	0.00	10.95	0.00	285.47	35 854.45	361 680.69	3.84	7.11	85.81	199.66	150 284.55	211 396.14

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1448	+	0.00	0.00	7.92	0.00	189.43	35 854.45	361 870.12	1.15	6.77	50.42	139.01	150 334.97	211 535.15
1449	+	0.00	0.05	3.36	0.50	113.22	35 854.95	361 983.34	0.20	3.16	13.64	99.58	150 348.61	211 634.73
1449	+	11.25	1.51	1.33	8.68	26.60	35 863.63	362 009.94	0.08	1.25	1.59	25.01	150 350.20	211 659.74
1450	+	0.00	2.76	0.77	18.45	9.27	35 882.08	362 019.21	0.04	0.73	0.53	8.74	150 350.73	211 668.48
1451	+	0.00	5.13	0.02	78.08	7.87	35 960.16	362 027.08	0.00	0.02	0.39	7.48	150 351.12	211 675.96
1452	+	0.00	7.78	0.00	128.10	0.16	36 088.26	362 027.24	0.00	0.00	0.01	0.15	150 351.13	211 676.11
1453	+	0.00	8.43	0.08	160.96	0.87	36 249.22	362 028.11	0.00	0.08	0.00	0.87	150 351.13	211 676.98
1454	+	0.00	7.56	0.00	158.98	0.87	36 408.20	362 028.98	0.00	0.00	0.00	0.87	150 351.13	211 677.85
1455	+	0.00	11.45	0.00	189.37	-0.01	36 597.57	362 028.97	0.00	0.00	0.00	-0.01	150 351.13	211 677.84
1456	+	0.00	12.49	0.00	238.64	0.00	36 836.21	362 028.97	0.00	0.00	0.00	0.00	150 351.13	211 677.84
1457	+	0.00	14.44	0.00	268.54	0.00	37 104.75	362 028.97	0.00	0.00	0.00	0.00	150 351.13	211 677.84
1457	+	3.36	14.54	0.00	48.72	0.00	37 153.47	362 028.97	0.00	0.00	0.00	0.00	150 351.13	211 677.84
1458	+	0.00	15.48	0.00	249.21	0.00	37 402.68	362 028.97	0.00	0.00	0.00	0.00	150 351.13	211 677.84
1459	+	0.00	16.91	0.00	323.67	0.00	37 726.35	362 028.97	0.00	0.00	0.00	0.00	150 351.13	211 677.84
1460	+	0.00	16.94	0.00	338.50	-0.01	38 064.85	362 028.96	0.00	0.00	0.00	-0.01	150 351.13	211 677.83
1460	+	1.36	16.72	0.00	22.91	0.00	38 087.76	362 028.96	0.00	0.00	0.00	0.00	150 351.13	211 677.83
1461	+	0.00	14.76	0.00	293.37	-0.01	38 381.13	362 028.95	0.00	0.00	0.00	-0.01	150 351.13	211 677.82
1462	+	0.00	10.48	0.00	252.45	0.00	38 633.58	362 028.95	0.00	0.00	0.00	0.00	150 351.13	211 677.82
1463	+	0.00	6.20	0.00	166.84	0.00	38 800.42	362 028.95	0.00	0.00	0.00	0.00	150 351.13	211 677.82
1463	+	0.88	5.93	0.00	5.32	0.00	38 805.74	362 028.95	0.00	0.00	0.00	0.00	150 351.13	211 677.82
1464	+	0.00	2.37	0.00	79.21	0.00	38 884.95	362 028.95	0.00	0.00	0.00	0.00	150 351.13	211 677.82
1465	+	0.00	0.70	1.04	30.57	10.40	38 915.52	362 039.35	0.02	1.02	0.16	10.24	150 351.29	211 688.06
1466	+	0.00	0.00	4.05	6.95	50.98	38 922.47	362 090.33	0.22	3.83	2.36	48.62	150 353.65	211 736.68
1466	+	3.04	0.00	4.25	0.00	12.62	38 922.47	362 102.95	0.22	4.03	0.66	11.96	150 354.31	211 748.64
1467	+	0.00	0.00	7.68	0.00	101.35	38 922.47	362 204.30	1.27	6.41	12.71	88.64	150 367.02	211 837.28
1468	+	0.00	0.00	10.31	0.00	180.23	38 922.47	362 384.53	2.43	7.88	37.22	143.01	150 404.24	211 980.29

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1469	+	0.00	0.00	10.20	0.00	205.36	38 922.47	362 589.89	2.37	7.83	48.23	157.13	150 452.47	212 137.42
1469	+	5.21	0.00	10.01	0.00	52.60	38 922.47	362 642.49	2.25	7.76	12.03	40.57	150 464.50	212 177.99
1470	+	0.00	0.00	9.43	0.00	143.78	38 922.47	362 786.27	1.42	8.01	27.16	116.62	150 491.66	212 294.61
1471	+	0.00	0.00	8.35	0.00	177.85	38 922.47	362 964.12	0.77	7.58	21.88	155.97	150 513.54	212 450.58
1472	+	0.00	0.00	6.22	0.00	145.78	38 922.47	363 109.90	0.41	5.81	11.84	133.94	150 525.38	212 584.52
1473	+	0.00	0.00	3.58	0.04	98.12	38 922.51	363 208.02	0.03	3.55	4.46	93.66	150 529.84	212 678.18
1474	+	0.00	0.02	2.73	0.26	63.24	38 922.77	363 271.26	0.01	2.72	0.41	62.83	150 530.25	212 741.01
1475	+	0.00	0.00	3.41	0.21	61.47	38 922.98	363 332.73	0.01	3.40	0.18	61.29	150 530.43	212 802.30
1476	+	0.00	0.00	4.10	0.00	75.17	38 922.98	363 407.90	0.02	4.08	0.29	74.88	150 530.72	212 877.18
1477	+	0.00	0.00	5.19	0.00	92.96	38 922.98	363 500.86	0.10	5.09	1.24	91.72	150 531.96	212 968.90
1478	+	0.00	0.00	5.61	0.00	108.02	38 922.98	363 608.88	0.19	5.42	2.91	105.11	150 534.87	213 074.01
1479	+	0.00	0.00	7.60	0.00	132.10	38 922.98	363 740.98	0.53	7.07	7.20	124.90	150 542.07	213 198.91
1480	+	0.00	0.00	7.54	0.00	151.41	38 922.98	363 892.39	0.45	7.09	9.85	141.56	150 551.92	213 340.47
1481	+	0.00	0.00	9.55	0.00	170.84	38 922.98	364 063.23	1.48	8.07	19.30	151.54	150 571.22	213 492.01
1482	+	0.00	0.00	10.37	0.00	199.06	38 922.98	364 262.29	2.27	8.10	37.43	161.63	150 608.65	213 653.64
1483	+	0.00	0.00	11.08	0.00	214.39	38 922.98	364 476.68	2.98	8.10	52.43	161.96	150 661.08	213 815.60
1484	+	0.00	0.00	12.44	0.00	235.14	38 922.98	364 711.82	0.78	11.66	37.58	197.56	150 698.66	214 013.16
1485	+	0.00	0.00	12.38	0.00	248.08	38 922.98	364 959.90	0.80	11.58	15.76	232.32	150 714.42	214 245.48
1486	+	0.00	0.00	12.40	0.00	247.63	38 922.98	365 207.53	0.81	11.59	16.01	231.62	150 730.43	214 477.10
1487	+	0.00	0.00	11.76	0.00	241.49	38 922.98	365 449.02	3.66	8.10	44.62	196.87	150 775.05	214 673.97
1488	+	0.00	0.00	9.54	0.00	212.93	38 922.98	365 661.95	1.51	8.03	51.66	161.27	150 826.71	214 835.24
1489	+	0.00	0.00	7.40	0.00	169.34	38 922.98	365 831.29	0.36	7.04	18.66	150.68	150 845.37	214 985.92
1490	+	0.00	0.00	5.08	0.00	124.72	38 922.98	365 956.01	0.05	5.03	4.05	120.67	150 849.42	215 106.59
1491	+	0.00	0.00	5.41	0.00	104.80	38 922.98	366 060.81	0.08	5.33	1.25	103.55	150 850.67	215 210.14
1492	+	0.00	0.00	5.53	0.00	109.35	38 922.98	366 170.16	0.16	5.37	2.34	107.01	150 853.01	215 317.15
1493	+	0.00	0.02	3.30	0.22	88.36	38 923.20	366 258.52	0.01	3.29	1.71	86.65	150 854.72	215 403.80

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1494	+	0.00	0.05	2.66	0.77	59.76	38 923.97	366 318.28	0.00	2.66	0.17	59.59	150 854.89	215 463.39
1495	+	0.00	0.12	1.87	1.74	45.37	38 925.71	366 363.65	0.00	1.87	0.04	45.33	150 854.93	215 508.72
1496	+	0.00	0.11	1.17	2.24	30.31	38 927.95	366 393.96	0.00	1.17	0.01	30.30	150 854.94	215 539.02
1497	+	0.00	0.15	0.87	2.55	20.30	38 930.50	366 414.26	0.00	0.87	0.00	20.30	150 854.94	215 559.32
1498	+	0.00	0.28	1.09	4.26	19.51	38 934.76	366 433.77	0.01	1.08	0.06	19.45	150 855.00	215 578.77
1499	+	0.00	0.02	1.52	2.99	26.06	38 937.75	366 459.83	0.04	1.48	0.48	25.58	150 855.48	215 604.35
1500	+	0.00	0.00	2.24	0.23	37.63	38 937.98	366 497.46	0.00	2.24	0.42	37.21	150 855.90	215 641.56
1501	+	0.00	0.00	4.88	0.00	71.20	38 937.98	366 568.66	0.20	4.68	1.98	69.22	150 857.88	215 710.78
1502	+	0.00	0.00	5.57	0.00	104.53	38 937.98	366 673.19	0.08	5.49	2.81	101.72	150 860.69	215 812.50
1503	+	0.00	0.00	6.81	0.00	123.79	38 937.98	366 796.98	0.24	6.57	3.18	120.61	150 863.87	215 933.11
1504	+	0.00	0.00	9.65	0.00	164.57	38 937.98	366 961.55	1.79	7.86	20.27	144.30	150 884.14	216 077.41
1505	+	0.00	0.00	10.03	0.00	196.88	38 937.98	367 158.43	2.00	8.03	37.96	158.92	150 922.10	216 236.33
1506	+	0.00	0.00	12.58	0.00	226.17	38 937.98	367 384.60	0.78	11.80	27.86	198.31	150 949.96	216 434.64
1507	+	0.00	0.00	13.02	0.00	256.00	38 937.98	367 640.60	0.85	12.17	16.36	239.64	150 966.32	216 674.28
1508	+	0.00	0.00	14.56	0.00	275.73	38 937.98	367 916.33	1.42	13.14	22.70	253.03	150 989.02	216 927.31
1509	+	0.00	0.00	14.77	0.00	293.17	38 937.98	368 209.50	1.50	13.27	29.13	264.04	151 018.15	217 191.35
1510	+	0.00	0.00	14.75	0.00	295.22	38 937.98	368 504.72	1.73	13.02	32.32	262.90	151 050.47	217 454.25
1511	+	0.00	0.00	16.10	0.00	308.55	38 937.98	368 813.27	2.85	13.25	45.86	262.69	151 096.33	217 716.94
1512	+	0.00	0.00	18.52	0.00	346.18	38 937.98	369 159.45	5.06	13.46	79.11	267.07	151 175.44	217 984.01
1513	+	0.00	0.00	17.92	0.00	364.44	38 937.98	369 523.89	4.48	13.44	95.42	269.02	151 270.86	218 253.03
1514	+	0.00	0.00	19.42	0.00	373.40	38 937.98	369 897.29	5.92	13.50	103.99	269.41	151 374.85	218 522.44
1515	+	0.00	0.00	20.97	0.00	403.92	38 937.98	370 301.21	7.47	13.50	133.92	270.00	151 508.77	218 792.44
1516	+	0.00	0.00	20.49	0.00	414.65	38 937.98	370 715.86	6.99	13.50	144.65	270.00	151 653.42	219 062.44
1517	+	0.00	0.00	19.16	0.00	396.52	38 937.98	371 112.38	5.67	13.49	126.60	269.92	151 780.02	219 332.36
1518	+	0.00	0.00	17.49	0.00	366.47	38 937.98	371 478.85	4.01	13.48	96.75	269.72	151 876.77	219 602.08
1519	+	0.00	0.00	15.40	0.00	328.79	38 937.98	371 807.64	2.19	13.21	61.92	266.87	151 938.69	219 868.95

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1520	+	0.00	0.00	13.38	0.00	287.77	38 937.98	372 095.41	0.87	12.51	30.55	257.22	151 969.24	220 126.17
1521	+	0.00	0.00	9.92	0.00	233.05	38 937.98	372 328.46	1.93	7.99	27.99	205.06	151 997.23	220 331.23
1522	+	0.00	0.00	8.18	0.00	181.01	38 937.98	372 509.47	0.62	7.56	25.50	155.51	152 022.73	220 486.74
1523	+	0.00	0.00	6.24	0.00	144.23	38 937.98	372 653.70	0.14	6.10	7.65	136.58	152 030.38	220 623.32
1524	+	0.00	0.00	4.00	0.00	102.46	38 937.98	372 756.16	0.04	3.96	1.82	100.64	152 032.20	220 723.96
1525	+	0.00	0.00	3.42	0.00	74.21	38 937.98	372 830.37	0.01	3.41	0.46	73.75	152 032.66	220 797.71
1526	+	0.00	0.12	2.89	1.23	63.08	38 939.21	372 893.45	0.00	2.89	0.09	62.99	152 032.75	220 860.70
1527	+	0.00	0.00	4.84	1.23	77.32	38 940.44	372 970.77	0.17	4.67	1.69	75.63	152 034.44	220 936.33
1528	+	0.00	0.00	4.10	0.03	89.44	38 940.47	373 060.21	0.10	4.00	2.65	86.79	152 037.09	221 023.12
1529	+	0.00	0.00	5.50	0.03	96.05	38 940.50	373 156.26	0.20	5.30	3.01	93.04	152 040.10	221 116.16
1530	+	0.00	0.00	6.99	0.00	124.96	38 940.50	373 281.22	0.55	6.44	7.55	117.41	152 047.65	221 233.57
1531	+	0.00	0.00	10.17	0.00	171.61	38 940.50	373 452.83	2.26	7.91	28.10	143.51	152 075.75	221 377.08
1531	+	17.14	0.00	11.95	0.00	189.50	38 940.50	373 642.33	3.85	8.10	52.33	137.17	152 128.08	221 514.25
1532	+	0.00	0.00	12.27	0.00	34.67	38 940.50	373 677.00	4.17	8.10	11.48	23.19	152 139.56	221 537.44
1533	+	0.00	0.00	16.67	0.00	289.75	38 940.50	373 966.75	3.97	12.70	81.75	208.00	152 221.31	221 745.44
1534	+	0.00	0.00	18.22	0.00	349.56	38 940.50	374 316.31	5.83	12.39	98.64	250.92	152 319.95	221 996.36
1534	+	11.74	0.00	17.35	0.00	208.71	38 940.50	374 525.02	9.25	8.10	88.51	120.20	152 408.46	222 116.56
1535	+	0.00	0.00	18.08	0.00	146.42	38 940.50	374 671.44	9.98	8.10	79.47	66.95	152 487.93	222 183.51
1536	+	0.00	0.00	17.44	0.00	356.35	38 940.50	375 027.79	9.47	7.97	195.68	160.67	152 683.61	222 344.18
1537	+	0.00	0.00	11.76	0.00	293.03	38 940.50	375 320.82	4.92	6.84	144.86	148.17	152 828.47	222 492.35
1537	+	6.33	0.00	9.40	0.00	66.97	38 940.50	375 387.79	3.25	6.15	25.85	41.12	152 854.32	222 533.47
1538	+	0.00	0.00	5.13	0.00	99.21	38 940.50	375 487.00	1.04	4.09	29.28	69.93	152 883.60	222 603.40
1539	+	0.00	0.00	2.84	0.00	79.68	38 940.50	375 566.68	0.20	2.64	12.42	67.26	152 896.02	222 670.66
1540	+	0.00	0.00	4.09	0.00	69.33	38 940.50	375 636.01	0.17	3.92	3.70	65.63	152 899.72	222 736.29
1541	+	0.00	0.00	2.07	0.00	61.61	38 940.50	375 697.62	0.01	2.06	1.74	59.87	152 901.46	222 796.16
1542	+	0.00	0.00	1.54	0.00	36.12	38 940.50	375 733.74	0.00	1.54	0.12	36.00	152 901.58	222 832.16

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1543	+	0.00	0.00	1.74	0.00	32.84	38 940.50	375 766.58	0.01	1.73	0.15	32.69	152 901.73	222 864.85
1544	+	0.00	0.00	3.94	0.00	56.91	38 940.50	375 823.49	0.24	3.70	2.54	54.37	152 904.27	222 919.22
1545	+	0.00	0.00	7.35	0.00	112.95	38 940.50	375 936.44	0.89	6.46	11.30	101.65	152 915.57	223 020.87
1546	+	0.00	0.00	8.15	0.00	154.99	38 940.50	376 091.43	0.73	7.42	16.18	138.81	152 931.75	223 159.68
1547	+	0.00	0.00	11.59	0.00	197.47	38 940.50	376 288.90	3.49	8.10	42.26	155.21	152 974.01	223 314.89
1548	+	0.00	0.00	14.64	0.00	262.33	38 940.50	376 551.23	1.51	13.13	50.05	212.28	153 024.06	223 527.17
1549	+	0.00	0.00	17.54	0.00	321.83	38 940.50	376 873.06	4.04	13.50	55.55	266.28	153 079.61	223 793.45
1550	+	0.00	0.00	19.98	0.00	375.28	38 940.50	377 248.34	6.48	13.50	105.28	270.00	153 184.89	224 063.45
1550	+	9.32	0.00	20.44	0.00	188.38	38 940.50	377 436.72	6.94	13.50	62.56	125.82	153 247.45	224 189.27
1551	+	0.00	0.00	22.30	0.00	228.24	38 940.50	377 664.96	8.80	13.50	84.06	144.18	153 331.51	224 333.45
1552	+	0.00	0.00	26.58	0.00	488.78	38 940.50	378 153.74	13.08	13.50	218.78	270.00	153 550.29	224 603.45
1553	+	0.00	0.00	28.41	0.00	550.44	38 940.50	378 704.18	14.91	13.50	280.44	270.00	153 830.73	224 873.45
1553	+	9.32	0.00	30.60	0.00	274.96	38 940.50	378 979.14	17.10	13.50	149.14	125.82	153 979.87	224 999.27
1554	+	0.00	0.00	32.63	0.00	338.38	38 940.50	379 317.52	19.13	13.50	194.20	144.18	154 174.07	225 143.45
1554	+	13.50	0.00	34.86	0.00	456.59	38 940.50	379 774.11	21.36	13.50	274.29	182.30	154 448.36	225 325.75
1555	+	0.00	0.00	37.29	0.00	234.35	38 940.50	380 008.46	23.79	13.50	146.65	87.70	154 595.01	225 413.45
1555	+	17.69	0.00	39.11	0.00	676.82	38 940.50	380 685.28	25.61	13.50	438.04	238.78	155 033.05	225 652.23
1556	+	0.00	0.00	39.83	0.00	91.28	38 940.50	380 776.56	26.33	13.50	60.06	31.22	155 093.11	225 683.45
1557	+	0.00	0.00	42.48	0.00	824.00	38 940.50	381 600.56	28.98	13.50	554.00	270.00	155 647.11	225 953.45
1558	+	0.00	0.00	41.75	0.00	842.55	38 940.50	382 443.11	28.25	13.50	572.55	270.00	156 219.66	226 223.45
1558	+	17.69	0.00	41.23	0.00	733.86	38 940.50	383 176.97	27.73	13.50	495.08	238.78	156 714.74	226 462.23
1559	+	0.00	0.00	41.18	0.00	95.28	38 940.50	383 272.25	27.68	13.50	64.06	31.22	156 778.80	226 493.45
1560	+	0.00	0.00	39.21	0.00	803.94	38 940.50	384 076.19	25.71	13.50	533.94	270.00	157 312.74	226 763.45
1561	+	0.00	0.00	37.76	0.00	769.79	38 940.50	384 845.98	24.26	13.50	499.79	270.00	157 812.53	227 033.45
1562	+	0.00	0.00	38.33	0.00	760.91	38 940.50	385 606.89	24.83	13.50	490.91	270.00	158 303.44	227 303.45
1563	+	0.00	0.00	35.99	0.00	743.12	38 940.50	386 350.01	22.49	13.50	473.12	270.00	158 776.56	227 573.45

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1564	+	0.00	0.00	34.74	0.00	707.21	38 940.50	387 057.22	21.24	13.50	437.21	270.00	159 213.77	227 843.45
1565	+	0.00	0.00	36.65	0.00	713.88	38 940.50	387 771.10	23.15	13.50	443.88	270.00	159 657.65	228 113.45
1566	+	0.00	0.00	45.41	0.00	820.59	38 940.50	388 591.69	31.91	13.50	550.59	270.00	160 208.24	228 383.45
1567	+	0.00	0.00	59.33	0.00	1 047.36	38 940.50	389 639.05	45.83	13.50	777.36	270.00	160 985.60	228 653.45
1568	+	0.00	0.00	68.91	0.00	1 282.42	38 940.50	390 921.47	55.41	13.50	1 012.42	270.00	161 998.02	228 923.45
1569	+	0.00	0.00	72.63	0.00	1 415.41	38 940.50	392 336.88	59.13	13.50	1 145.41	270.00	163 143.43	229 193.45
1570	+	0.00	0.00	72.06	0.00	1 446.85	38 940.50	393 783.73	58.56	13.50	1 176.85	270.00	164 320.28	229 463.45
1571	+	0.00	0.00	71.32	0.00	1 433.73	38 940.50	395 217.46	57.82	13.50	1 163.73	270.00	165 484.01	229 733.45
1572	+	0.00	0.00	62.86	0.00	1 341.77	38 940.50	396 559.23	49.36	13.50	1 071.77	270.00	166 555.78	230 003.45
1573	+	0.00	0.00	52.11	0.00	1 149.65	38 940.50	397 708.88	38.61	13.50	879.65	270.00	167 435.43	230 273.45
1573	+	17.50	0.00	46.77	0.00	864.93	38 940.50	398 573.81	33.27	13.50	628.75	236.18	168 064.18	230 509.63
1574	+	0.00	0.00	45.16	0.00	115.16	38 940.50	398 688.97	31.66	13.50	81.34	33.82	168 145.52	230 543.45
1575	+	0.00	0.00	42.01	0.00	871.69	38 940.50	399 560.66	28.51	13.50	601.69	270.00	168 747.21	230 813.45
1576	+	0.00	0.00	42.53	0.00	845.76	38 940.50	400 406.42	29.03	13.50	575.76	270.00	169 322.97	231 083.45
1576	+	17.50	0.00	44.36	0.00	760.75	38 940.50	401 167.17	30.86	13.50	524.57	236.18	169 847.54	231 319.63
1577	+	0.00	0.00	44.28	0.00	111.03	38 940.50	401 278.20	30.78	13.50	77.21	33.82	169 924.75	231 353.45
1578	+	0.00	0.00	46.35	0.00	907.48	38 940.50	402 185.68	32.85	13.50	637.48	270.00	170 562.23	231 623.45
1579	+	0.00	0.00	45.08	0.00	915.39	38 940.50	403 101.07	31.58	13.50	645.39	270.00	171 207.62	231 893.45
1580	+	0.00	0.00	39.53	0.00	847.03	38 940.50	403 948.10	26.03	13.50	577.03	270.00	171 784.65	232 163.45
1581	+	0.00	0.00	33.36	0.00	729.77	38 940.50	404 677.87	19.86	13.50	459.77	270.00	172 244.42	232 433.45
1582	+	0.00	0.00	27.44	0.00	608.79	38 940.50	405 286.66	13.94	13.50	338.79	270.00	172 583.21	232 703.45
1582	+	6.40	0.00	25.57	0.00	169.59	38 940.50	405 456.25	12.07	13.50	83.20	86.39	172 666.41	232 789.84
1583	+	0.00	0.00	20.79	0.00	315.79	38 940.50	405 772.04	7.34	13.45	132.53	183.26	172 798.94	232 973.10
1584	+	0.00	0.00	15.50	0.00	363.63	38 940.50	406 135.67	2.93	12.57	103.39	260.24	172 902.33	233 233.34
1585	+	0.00	0.00	11.91	0.00	274.75	38 940.50	406 410.42	4.02	7.89	70.05	204.70	172 972.38	233 438.04
1586	+	0.00	0.00	9.55	0.00	215.24	38 940.50	406 625.66	1.96	7.59	60.36	154.88	173 032.74	233 592.92

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1587	+	0.00	0.00	9.74	0.00	193.57	38 940.50	406 819.23	2.50	7.24	45.14	148.43	173 077.88	233 741.35
1587	+	15.30	0.00	10.19	0.00	153.04	38 940.50	406 972.27	2.92	7.27	41.89	111.15	173 119.77	233 852.50
1588	+	0.00	0.00	10.12	0.00	47.68	38 940.50	407 019.95	2.56	7.56	12.87	34.81	173 132.64	233 887.31
1589	+	0.00	0.00	10.88	0.00	210.31	38 940.50	407 230.26	2.86	8.02	54.50	155.81	173 187.14	234 043.12
1590	+	0.00	0.00	9.82	0.00	207.04	38 940.50	407 437.30	1.86	7.96	47.22	159.82	173 234.36	234 202.94
1590	+	15.30	0.00	9.38	0.00	146.96	38 940.50	407 584.26	1.55	7.83	26.10	120.86	173 260.46	234 323.80
1591	+	0.00	0.00	9.53	0.00	44.41	38 940.50	407 628.67	1.77	7.76	7.80	36.61	173 268.26	234 360.41
1592	+	0.00	0.00	8.06	0.00	175.96	38 940.50	407 804.63	0.99	7.07	27.63	148.33	173 295.89	234 508.74
1593	+	0.00	0.00	7.92	0.00	159.87	38 940.50	407 964.50	0.64	7.28	16.32	143.55	173 312.21	234 652.29
1594	+	0.00	0.00	8.31	0.00	162.34	38 940.50	408 126.84	0.62	7.69	12.59	149.75	173 324.80	234 802.04
1595	+	0.00	0.00	6.90	0.00	152.20	38 940.50	408 279.04	0.31	6.59	9.34	142.86	173 334.14	234 944.90
1596	+	0.00	0.00	5.09	0.00	119.97	38 940.50	408 399.01	0.12	4.97	4.33	115.64	173 338.47	235 060.54
1597	+	0.00	0.00	2.91	0.00	79.97	38 940.50	408 478.98	0.05	2.86	1.71	78.26	173 340.18	235 138.80
1598	+	0.00	1.09	0.05	10.93	29.58	38 951.43	408 508.56	0.00	0.05	0.52	29.06	173 340.70	235 167.86
1599	+	0.00	3.21	0.00	43.08	0.51	38 994.51	408 509.07	0.00	0.00	0.00	0.51	173 340.70	235 168.37
1600	+	0.00	4.27	0.00	74.83	0.00	39 069.34	408 509.07	0.00	0.00	0.00	0.00	173 340.70	235 168.37
1601	+	0.00	4.86	0.00	91.31	0.00	39 160.65	408 509.07	0.00	0.00	0.00	0.00	173 340.70	235 168.37
1602	+	0.00	4.74	0.00	96.03	0.00	39 256.68	408 509.07	0.00	0.00	0.00	0.00	173 340.70	235 168.37
1602	+	18.53	2.09	0.04	63.33	0.45	39 320.01	408 509.52	0.00	0.04	0.00	0.45	173 340.70	235 168.82
1603	+	0.00	1.70	0.15	2.79	0.15	39 322.80	408 509.67	0.00	0.15	0.00	0.15	173 340.70	235 168.97
1604	+	0.00	0.19	1.22	18.93	13.66	39 341.73	408 523.33	0.07	1.15	0.67	12.99	173 341.37	235 181.96
1605	+	0.00	0.00	3.83	1.89	50.50	39 343.62	408 573.83	0.46	3.37	5.31	45.19	173 346.68	235 227.15
1605	+	16.53	0.00	4.20	0.00	66.59	39 343.62	408 640.42	0.36	3.84	6.86	59.73	173 353.54	235 286.88
1606	+	0.00	0.00	4.34	0.00	14.82	39 343.62	408 655.24	0.31	4.03	1.17	13.65	173 354.71	235 300.53
1607	+	0.00	0.59	1.63	5.86	60.09	39 349.48	408 715.33	0.16	1.47	4.84	55.25	173 359.55	235 355.78
1608	+	0.00	1.27	0.93	18.38	25.84	39 367.86	408 741.17	0.03	0.90	1.95	23.89	173 361.50	235 379.67

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1609	+	0.00	0.00	2.90	12.52	38.47	39 380.38	408 779.64	0.04	2.86	0.73	37.74	173 362.23	235 417.41
1610	+	0.00	0.00	5.57	0.00	84.93	39 380.38	408 864.57	0.14	5.43	1.78	83.15	173 364.01	235 500.56
1611	+	0.00	0.00	7.66	0.00	132.70	39 380.38	408 997.27	0.89	6.77	10.41	122.29	173 374.42	235 622.85
1611	+	18.44	0.00	8.53	0.00	149.90	39 380.38	409 147.17	1.59	6.94	23.17	126.73	173 397.59	235 749.58
1612	+	0.00	0.00	8.68	0.00	13.44	39 380.38	409 160.61	1.75	6.93	2.61	10.83	173 400.20	235 760.41
1613	+	0.00	0.00	8.17	0.00	169.11	39 380.38	409 329.72	1.41	6.76	31.92	137.19	173 432.12	235 897.60
1614	+	0.00	2.64	2.15	26.12	103.79	39 406.50	409 433.51	0.22	1.93	16.51	87.28	173 448.63	235 984.88
1615	+	0.00	2.74	1.11	53.26	32.99	39 459.76	409 466.50	0.04	1.07	2.62	30.37	173 451.25	236 015.25
1616	+	0.00	1.47	1.41	41.64	25.44	39 501.40	409 491.94	0.05	1.36	0.88	24.56	173 452.13	236 039.81
1617	+	0.00	0.12	2.80	15.70	42.47	39 517.10	409 534.41	0.29	2.51	3.49	38.98	173 455.62	236 078.79
1618	+	0.00	0.06	4.81	1.79	76.96	39 518.89	409 611.37	1.50	3.31	18.28	58.68	173 473.90	236 137.47
1618	+	0.35	0.06	4.84	0.02	1.67	39 518.91	409 613.04	1.51	3.33	0.52	1.15	173 474.42	236 138.62
1619	+	0.00	0.00	5.07	0.55	98.13	39 519.46	409 711.17	0.82	4.25	23.23	74.90	173 497.65	236 213.52
1620	+	0.00	0.00	5.58	0.00	106.87	39 519.46	409 818.04	0.47	5.11	13.01	93.86	173 510.66	236 307.38
1620	+	18.35	0.00	5.94	0.00	105.69	39 519.46	409 923.73	0.39	5.55	7.87	97.82	173 518.53	236 405.20
1621	+	0.00	0.00	5.62	0.00	9.56	39 519.46	409 933.29	0.28	5.34	0.55	9.01	173 519.08	236 414.21
1622	+	0.00	0.00	5.83	0.00	114.38	39 519.46	410 047.67	0.34	5.49	6.16	108.22	173 525.24	236 522.43
1623	+	0.00	0.00	5.52	0.00	113.46	39 519.46	410 161.13	0.22	5.30	5.61	107.85	173 530.85	236 630.28
1624	+	0.00	0.00	7.13	0.00	126.55	39 519.46	410 287.68	0.68	6.45	9.07	117.48	173 539.92	236 747.76
1625	+	0.00	0.00	8.24	0.00	153.71	39 519.46	410 441.39	1.12	7.12	18.01	135.70	173 557.93	236 883.46
1626	+	0.00	0.00	10.26	0.00	185.03	39 519.46	410 626.42	2.55	7.71	36.69	148.34	173 594.62	237 031.80
1627	+	0.00	0.00	12.07	0.00	223.34	39 519.46	410 849.76	3.97	8.10	65.20	158.14	173 659.82	237 189.94
1627	+	10.77	0.00	13.60	0.00	138.23	39 519.46	410 987.99	5.50	8.10	50.99	87.24	173 710.81	237 277.18
1628	+	0.00	0.00	15.23	0.00	133.04	39 519.46	411 121.03	7.13	8.10	58.28	74.76	173 769.09	237 351.94
1629	+	0.00	0.00	18.06	0.00	332.96	39 519.46	411 453.99	4.56	13.50	116.96	216.00	173 886.05	237 567.94
1630	+	0.00	0.00	21.94	0.00	400.51	39 519.46	411 854.50	8.44	13.50	130.51	270.00	174 016.56	237 837.94

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1630	+	5.77	0.00	23.77	0.00	131.90	39 519.46	411 986.40	10.27	13.50	53.99	77.91	174 070.55	237 915.85
1631	+	0.00	0.00	27.89	0.00	368.39	39 519.46	412 354.79	14.39	13.50	176.30	192.09	174 246.85	238 107.94
1632	+	0.00	0.00	32.01	0.00	600.67	39 519.46	412 955.46	18.51	13.50	330.67	270.00	174 577.52	238 377.94
1633	+	0.00	0.00	39.55	0.00	717.42	39 519.46	413 672.88	26.05	13.50	447.42	270.00	175 024.94	238 647.94
1634	+	0.00	0.00	40.17	0.00	798.72	39 519.46	414 471.60	26.67	13.50	528.72	270.00	175 553.66	238 917.94
1634	+	18.62	0.00	38.83	0.00	736.99	39 519.46	415 208.59	25.33	13.50	485.63	251.36	176 039.29	239 169.30
1635	+	0.00	0.00	38.71	0.00	53.55	39 519.46	415 262.14	25.21	13.50	34.91	18.64	176 074.20	239 187.94
1636	+	0.00	0.00	33.10	0.00	719.92	39 519.46	415 982.06	19.60	13.50	449.92	270.00	176 524.12	239 457.94
1637	+	0.00	0.00	31.21	0.00	644.63	39 519.46	416 626.69	17.71	13.50	374.63	270.00	176 898.75	239 727.94
1638	+	0.00	0.00	31.83	0.00	631.99	39 519.46	417 258.68	18.33	13.50	361.99	270.00	177 260.74	239 997.94
1639	+	0.00	0.00	33.37	0.00	654.00	39 519.46	417 912.68	19.87	13.50	384.00	270.00	177 644.74	240 267.94
1639	+	11.47	0.00	32.41	0.00	378.17	39 519.46	418 290.85	18.91	13.50	223.37	154.80	177 868.11	240 422.74
1640	+	0.00	0.00	31.25	0.00	272.26	39 519.46	418 563.11	17.75	13.50	157.06	115.20	178 025.17	240 537.94
1641	+	0.00	0.00	28.99	0.00	603.47	39 519.46	419 166.58	15.49	13.50	333.47	270.00	178 358.64	240 807.94
1642	+	0.00	0.00	26.72	0.00	557.06	39 519.46	419 723.64	13.22	13.50	287.06	270.00	178 645.70	241 077.94
1642	+	6.47	0.00	25.36	0.00	168.37	39 519.46	419 892.01	11.86	13.50	81.07	87.30	178 726.77	241 165.24
1643	+	0.00	0.00	22.29	0.00	322.43	39 519.46	420 214.44	8.79	13.50	139.73	182.70	178 866.50	241 347.94
1644	+	0.00	0.00	21.38	0.00	436.69	39 519.46	420 651.13	7.88	13.50	166.69	270.00	179 033.19	241 617.94
1645	+	0.00	0.00	19.97	0.00	413.43	39 519.46	421 064.56	6.47	13.50	143.43	270.00	179 176.62	241 887.94
1646	+	0.00	0.00	20.97	0.00	409.42	39 519.46	421 473.98	7.47	13.50	139.42	270.00	179 316.04	242 157.94
1647	+	0.00	0.00	19.05	0.00	400.29	39 519.46	421 874.27	5.55	13.50	130.29	270.00	179 446.33	242 427.94
1648	+	0.00	0.00	17.14	0.00	362.00	39 519.46	422 236.27	3.77	13.37	93.28	268.72	179 539.61	242 696.66
1649	+	0.00	0.00	17.30	0.00	344.53	39 519.46	422 580.80	3.82	13.48	75.99	268.54	179 615.60	242 965.20
1650	+	0.00	0.00	16.10	0.00	334.07	39 519.46	422 914.87	2.87	13.23	66.93	267.14	179 682.53	243 232.34
1651	+	0.00	0.00	14.37	0.00	304.68	39 519.46	423 219.55	6.27	8.10	91.36	213.32	179 773.89	243 445.66
1652	+	0.00	0.00	11.85	0.00	262.15	39 519.46	423 481.70	3.75	8.10	100.15	162.00	179 874.04	243 607.66

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1653	+	0.00	0.00	8.42	0.00	202.72	39 519.46	423 684.42	0.90	7.52	46.50	156.22	179 920.54	243 763.88
1654	+	0.00	0.00	7.83	0.00	162.48	39 519.46	423 846.90	0.89	6.94	17.88	144.60	179 938.42	243 908.48
1655	+	0.00	0.00	6.37	0.00	141.92	39 519.46	423 988.82	0.41	5.96	12.96	128.96	179 951.38	244 037.44
1656	+	0.00	0.00	5.85	0.00	122.14	39 519.46	424 110.96	0.40	5.45	8.09	114.05	179 959.47	244 151.49
1657	+	0.00	0.00	4.04	0.00	98.85	39 519.46	424 209.81	0.22	3.82	6.19	92.66	179 965.66	244 244.15
1658	+	0.00	0.00	1.32	0.05	53.59	39 519.51	424 263.40	0.01	1.31	2.28	51.31	179 967.94	244 295.46
1659	+	0.00	0.00	1.39	0.05	27.07	39 519.56	424 290.47	0.04	1.35	0.49	26.58	179 968.43	244 322.04
1660	+	0.00	0.10	1.46	1.03	28.43	39 520.59	424 318.90	0.01	1.45	0.48	27.95	179 968.91	244 349.99
1660	+	3.88	0.10	1.68	0.39	6.08	39 520.98	424 324.98	0.08	1.60	0.17	5.91	179 969.08	244 355.90
1661	+	0.00	0.00	2.00	0.80	29.67	39 521.78	424 354.65	0.01	1.99	0.74	28.93	179 969.82	244 384.83
1662	+	0.00	0.00	4.26	0.00	62.55	39 521.78	424 417.20	0.04	4.22	0.47	62.08	179 970.29	244 446.91
1663	+	0.00	0.00	8.92	0.00	131.69	39 521.78	424 548.89	1.33	7.59	13.63	118.06	179 983.92	244 564.97
1664	+	0.00	0.00	11.14	0.00	200.55	39 521.78	424 749.44	3.04	8.10	43.66	156.89	180 027.58	244 721.86
1665	+	0.00	0.00	13.46	0.00	246.03	39 521.78	424 995.47	5.36	8.10	84.03	162.00	180 111.61	244 883.86
1666	+	0.00	0.00	14.01	0.00	274.72	39 521.78	425 270.19	5.91	8.10	112.72	162.00	180 224.33	245 045.86
1666	+	6.52	0.00	13.48	0.00	89.60	39 521.78	425 359.79	5.38	8.10	36.80	52.80	180 261.13	245 098.66
1667	+	0.00	0.00	12.51	0.00	175.20	39 521.78	425 534.99	4.41	8.10	66.00	109.20	180 327.13	245 207.86
1668	+	0.00	0.00	15.35	0.00	278.60	39 521.78	425 813.59	2.57	12.78	69.77	208.83	180 396.90	245 416.69
1669	+	0.00	0.00	17.91	0.00	332.57	39 521.78	426 146.16	4.41	13.50	69.74	262.83	180 466.64	245 679.52
1670	+	0.00	0.00	20.70	0.00	386.07	39 521.78	426 532.23	7.20	13.50	116.07	270.00	180 582.71	245 949.52
1671	+	0.00	0.00	23.64	0.00	443.40	39 521.78	426 975.63	10.14	13.50	173.40	270.00	180 756.11	246 219.52
1672	+	0.00	0.00	23.38	0.00	470.16	39 521.78	427 445.79	9.88	13.50	200.16	270.00	180 956.27	246 489.52
1672	+	9.16	0.00	23.61	0.00	215.17	39 521.78	427 660.96	10.11	13.50	91.53	123.64	181 047.80	246 613.16
1673	+	0.00	0.00	24.81	0.00	262.45	39 521.78	427 923.41	11.31	13.50	116.09	146.36	181 163.89	246 759.52
1674	+	0.00	0.00	28.05	0.00	528.55	39 521.78	428 451.96	14.55	13.50	258.55	270.00	181 422.44	247 029.52
1675	+	0.00	0.00	31.18	0.00	592.28	39 521.78	429 044.24	17.68	13.50	322.28	270.00	181 744.72	247 299.52

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1676	+	0.00	0.00	31.52	0.00	626.99	39 521.78	429 671.23	18.02	13.50	356.99	270.00	182 101.71	247 569.52
1677	+	0.00	0.00	28.92	0.00	604.39	39 521.78	430 275.62	15.42	13.50	334.39	270.00	182 436.10	247 839.52
1678	+	0.00	0.00	27.67	0.00	565.84	39 521.78	430 841.46	14.17	13.50	295.84	270.00	182 731.94	248 109.52
1679	+	0.00	0.00	25.80	0.00	534.61	39 521.78	431 376.07	12.30	13.50	264.61	270.00	182 996.55	248 379.52
1680	+	0.00	0.00	26.13	0.00	519.26	39 521.78	431 895.33	12.63	13.50	249.26	270.00	183 245.81	248 649.52
1681	+	0.00	0.00	23.71	0.00	498.43	39 521.78	432 393.76	10.21	13.50	228.43	270.00	183 474.24	248 919.52
1682	+	0.00	0.00	22.20	0.00	459.13	39 521.78	432 852.89	8.70	13.50	189.13	270.00	183 663.37	249 189.52
1683	+	0.00	0.00	21.07	0.00	432.73	39 521.78	433 285.62	7.57	13.50	162.73	270.00	183 826.10	249 459.52
1684	+	0.00	0.00	19.94	0.00	410.11	39 521.78	433 695.73	6.44	13.50	140.11	270.00	183 966.21	249 729.52
1685	+	0.00	0.00	19.03	0.00	389.71	39 521.78	434 085.44	5.53	13.50	119.71	270.00	184 085.92	249 999.52
1686	+	0.00	0.00	17.70	0.00	367.30	39 521.78	434 452.74	4.20	13.50	97.30	270.00	184 183.22	250 269.52
1687	+	0.00	0.00	16.81	0.00	345.08	39 521.78	434 797.82	8.71	8.10	129.08	216.00	184 312.30	250 485.52
1688	+	0.00	0.00	14.04	0.00	308.55	39 521.78	435 106.37	5.94	8.10	146.55	162.00	184 458.85	250 647.52
1689	+	0.00	0.00	11.42	0.00	254.68	39 521.78	435 361.05	3.32	8.10	92.68	162.00	184 551.53	250 809.52
1690	+	0.00	0.00	9.83	0.00	212.50	39 521.78	435 573.55	2.07	7.76	53.93	158.57	184 605.46	250 968.09
1691	+	0.00	0.00	7.06	0.00	168.87	39 521.78	435 742.42	0.72	6.34	27.90	140.97	184 633.36	251 109.06
1692	+	0.00	0.00	3.77	0.00	108.34	39 521.78	435 850.76	0.25	3.52	9.73	98.61	184 643.09	251 207.67
1693	+	0.00	0.00	2.02	0.00	57.93	39 521.78	435 908.69	0.14	1.88	3.93	54.00	184 647.02	251 261.67
1694	+	0.00	0.00	3.57	0.00	55.94	39 521.78	435 964.63	0.27	3.30	4.15	51.79	184 651.17	251 313.46
1695	+	0.00	0.00	4.99	0.00	85.63	39 521.78	436 050.26	0.25	4.74	5.22	80.41	184 656.39	251 393.87
1696	+	0.00	0.00	6.29	0.00	112.84	39 521.78	436 163.10	0.48	5.81	7.32	105.52	184 663.71	251 499.39
1697	+	0.00	0.00	6.98	0.00	132.78	39 521.78	436 295.88	1.00	5.98	14.85	117.93	184 678.56	251 617.32
1698	+	0.00	0.00	7.65	0.00	146.33	39 521.78	436 442.21	1.18	6.47	21.82	124.51	184 700.38	251 741.83
1699	+	0.00	0.00	7.63	0.00	152.81	39 521.78	436 595.02	0.88	6.75	20.61	132.20	184 720.99	251 874.03
1700	+	0.00	0.00	7.32	0.00	149.43	39 521.78	436 744.45	0.61	6.71	14.85	134.58	184 735.84	252 008.61
1701	+	0.00	0.00	5.07	0.00	123.80	39 521.78	436 868.25	0.13	4.94	7.39	116.41	184 743.23	252 125.02

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1702	+	0.00	0.00	3.45	0.00	85.20	39 521.78	436 953.45	0.05	3.40	1.81	83.39	184 745.04	252 208.41
1703	+	0.00	0.00	3.81	0.00	72.63	39 521.78	437 026.08	0.14	3.67	1.86	70.77	184 746.90	252 279.18
1704	+	0.00	0.00	5.53	0.00	93.45	39 521.78	437 119.53	0.39	5.14	5.29	88.16	184 752.19	252 367.34
1705	+	0.00	0.00	6.63	0.00	121.61	39 521.78	437 241.14	1.03	5.60	14.18	107.43	184 766.37	252 474.77
1706	+	0.00	0.00	4.22	0.00	108.45	39 521.78	437 349.59	0.11	4.11	11.37	97.08	184 777.74	252 571.85
1707	+	0.00	0.00	6.25	0.00	104.69	39 521.78	437 454.28	0.54	5.71	6.49	98.20	184 784.23	252 670.05
1708	+	0.00	0.00	10.00	0.00	162.43	39 521.78	437 616.71	2.04	7.96	25.75	136.68	184 809.98	252 806.73
1709	+	0.00	0.00	13.14	0.00	231.31	39 521.78	437 848.02	5.14	8.00	71.74	159.57	184 881.72	252 966.30
1710	+	0.00	0.00	9.50	0.00	226.34	39 521.78	438 074.36	1.86	7.64	69.97	156.37	184 951.69	253 122.67
1711	+	0.00	0.00	9.65	0.00	191.47	39 521.78	438 265.83	2.23	7.42	40.87	150.60	184 992.56	253 273.27
1712	+	0.00	0.00	5.91	0.00	155.64	39 521.78	438 421.47	0.13	5.78	23.63	132.01	185 016.19	253 405.28
1713	+	0.00	0.02	4.61	0.20	105.29	39 521.98	438 526.76	0.15	4.46	2.87	102.42	185 019.06	253 507.70
1714	+	0.00	1.45	0.55	14.74	51.69	39 536.72	438 578.45	0.00	0.55	1.53	50.16	185 020.59	253 557.86
1715	+	0.00	2.98	0.00	44.30	5.52	39 581.02	438 583.97	0.00	0.00	0.00	5.52	185 020.59	253 563.38
1716	+	0.00	3.25	0.00	62.27	0.00	39 643.29	438 583.97	0.00	0.00	0.00	0.00	185 020.59	253 563.38
1717	+	0.00	3.54	0.00	67.87	0.00	39 711.16	438 583.97	0.00	0.00	0.00	0.00	185 020.59	253 563.38
1718	+	0.00	0.61	0.80	41.43	7.92	39 752.59	438 591.89	0.00	0.80	0.00	7.92	185 020.59	253 571.30
1719	+	0.00	0.55	1.99	11.52	27.84	39 764.11	438 619.73	0.00	1.99	0.03	27.81	185 020.62	253 599.11
1720	+	0.00	0.56	4.06	11.07	60.53	39 775.18	438 680.26	0.09	3.97	0.92	59.61	185 021.54	253 658.72
1721	+	0.00	0.71	1.71	12.69	57.73	39 787.87	438 737.99	0.00	1.71	0.90	56.83	185 022.44	253 715.55
1722	+	0.00	0.93	0.64	16.37	23.50	39 804.24	438 761.49	0.00	0.64	0.00	23.50	185 022.44	253 739.05
1723	+	0.00	0.57	1.59	15.04	22.36	39 819.28	438 783.85	0.00	1.59	0.00	22.36	185 022.44	253 761.41
1724	+	0.00	0.22	2.82	7.91	44.13	39 827.19	438 827.98	0.01	2.81	0.11	44.02	185 022.55	253 805.43
1725	+	0.00	0.05	3.39	2.66	62.04	39 829.85	438 890.02	0.00	3.39	0.13	61.91	185 022.68	253 867.34
1726	+	0.00	0.00	9.44	0.50	128.27	39 830.35	439 018.29	0.37	9.07	3.74	124.53	185 026.42	253 991.87
1727	+	0.00	0.00	11.53	0.00	209.77	39 830.35	439 228.06	1.09	10.44	14.66	195.11	185 041.08	254 186.98

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1728	+	0.00	0.00	11.45	0.00	229.80	39 830.35	439 457.86	1.00	10.45	20.90	208.90	185 061.98	254 395.88
1729	+	0.00	0.00	13.12	0.00	245.63	39 830.35	439 703.49	1.79	11.33	27.85	217.78	185 089.83	254 613.66
1730	+	0.00	0.00	14.97	0.00	280.98	39 830.35	439 984.47	3.24	11.73	50.32	230.66	185 140.15	254 844.32
1731	+	0.00	0.00	20.37	0.00	353.39	39 830.35	440 337.86	8.02	12.35	112.58	240.81	185 252.73	255 085.13
1732	+	0.00	0.00	21.19	0.00	415.45	39 830.35	440 753.31	8.72	12.47	167.31	248.14	185 420.04	255 333.27
1733	+	0.00	0.00	20.90	0.00	420.79	39 830.35	441 174.10	8.23	12.67	169.45	251.34	185 589.49	255 584.61
1734	+	0.00	0.00	16.94	0.00	378.40	39 830.35	441 552.50	4.30	12.64	125.31	253.09	185 714.80	255 837.70
1735	+	0.00	0.00	15.97	0.00	329.13	39 830.35	441 881.63	3.74	12.23	80.38	248.75	185 795.18	256 086.45
1736	+	0.00	0.00	16.48	0.00	324.55	39 830.35	442 206.18	3.84	12.64	75.76	248.79	185 870.94	256 335.24
1737	+	0.00	0.00	15.45	0.00	319.41	39 830.35	442 525.59	2.89	12.56	67.34	252.07	185 938.28	256 587.31
1738	+	0.00	0.00	14.37	0.00	298.31	39 830.35	442 823.90	6.27	8.10	91.69	206.62	186 029.97	256 793.93
1739	+	0.00	0.00	12.78	0.00	271.55	39 830.35	443 095.45	4.68	8.10	109.55	162.00	186 139.52	256 955.93
1740	+	0.00	0.00	10.28	0.00	230.62	39 830.35	443 326.07	2.23	8.05	69.09	161.53	186 208.61	257 117.46
1741	+	0.00	0.00	11.08	0.00	213.62	39 830.35	443 539.69	2.98	8.10	52.09	161.53	186 260.70	257 278.99
1742	+	0.00	0.00	9.34	0.00	204.19	39 830.35	443 743.88	1.36	7.98	43.38	160.81	186 304.08	257 439.80
1743	+	0.00	0.00	7.63	0.00	169.71	39 830.35	443 913.59	0.84	6.79	21.98	147.73	186 326.06	257 587.53
1744	+	0.00	0.00	4.18	0.00	118.09	39 830.35	444 031.68	0.25	3.93	10.92	107.17	186 336.98	257 694.70
1745	+	0.00	0.00	1.38	0.00	55.65	39 830.35	444 087.33	0.06	1.32	3.16	52.49	186 340.14	257 747.19
1746	+	0.00	1.58	0.08	15.79	14.62	39 846.14	444 101.95	0.00	0.08	0.65	13.97	186 340.79	257 761.16
1747	+	0.00	2.06	0.03	36.38	1.05	39 882.52	444 103.00	0.00	0.03	0.00	1.05	186 340.79	257 762.21
1748	+	0.00	1.53	0.13	35.90	1.60	39 918.42	444 104.60	0.00	0.13	0.00	1.60	186 340.79	257 763.81
1749	+	0.00	0.82	0.97	23.54	11.05	39 941.96	444 115.65	0.00	0.97	0.01	11.04	186 340.80	257 774.85
1750	+	0.00	0.80	2.15	16.26	31.24	39 958.22	444 146.89	0.07	2.08	0.68	30.56	186 341.48	257 805.41
1751	+	0.00	0.81	2.65	16.12	47.91	39 974.34	444 194.80	0.09	2.56	1.55	46.36	186 343.03	257 851.77
1752	+	0.00	0.21	4.34	10.16	69.76	39 984.50	444 264.56	0.16	4.18	2.44	67.32	186 345.47	257 919.09
1753	+	0.00	0.00	6.09	2.07	104.25	39 986.57	444 368.81	0.67	5.42	8.29	95.96	186 353.76	258 015.05

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1754	+	0.00	0.00	7.13	0.00	132.15	39 986.57	444 500.96	0.84	6.29	15.12	117.03	186 368.88	258 132.08
1755	+	0.00	0.00	9.47	0.00	166.01	39 986.57	444 666.97	2.59	6.88	34.33	131.68	186 403.21	258 263.76
1755	+	3.56	0.00	9.39	0.00	33.62	39 986.57	444 700.59	2.43	6.96	8.95	24.67	186 412.16	258 288.43
1756	+	0.00	0.00	10.62	0.00	164.48	39 986.57	444 865.07	3.20	7.42	46.26	118.22	186 458.42	258 406.65
1757	+	0.00	0.00	12.26	0.00	229.09	39 986.57	445 094.16	4.26	8.00	74.82	154.27	186 533.24	258 560.92
1758	+	0.00	0.00	15.68	0.00	279.76	39 986.57	445 373.92	2.98	12.70	72.74	207.02	186 605.98	258 767.94
1758	+	3.56	0.00	15.82	0.00	56.13	39 986.57	445 430.05	3.08	12.74	10.80	45.33	186 616.78	258 813.27
1759	+	0.00	0.00	17.38	0.00	273.55	39 986.57	445 703.60	4.71	12.67	64.52	209.03	186 681.30	259 022.30
1760	+	0.00	0.00	16.90	0.00	343.60	39 986.57	446 047.20	4.01	12.89	87.80	255.80	186 769.10	259 278.10
1761	+	0.00	0.00	19.47	0.00	364.51	39 986.57	446 411.71	6.35	13.12	104.33	260.18	186 873.43	259 538.28
1762	+	0.00	0.00	20.52	0.00	400.90	39 986.57	446 812.61	7.21	13.31	136.53	264.37	187 009.96	259 802.65
1762	+	8.08	0.00	20.78	0.00	166.94	39 986.57	446 979.55	7.28	13.50	58.58	108.36	187 068.54	259 911.01
1763	+	0.00	0.00	20.62	0.00	247.29	39 986.57	447 226.84	7.12	13.50	86.40	160.89	187 154.94	260 071.90
1764	+	0.00	0.00	19.07	0.00	397.73	39 986.57	447 624.57	5.58	13.49	127.86	269.87	187 282.80	260 341.77
1765	+	0.00	0.00	20.22	0.00	393.57	39 986.57	448 018.14	6.73	13.49	123.81	269.76	187 406.61	260 611.53
1766	+	0.00	0.00	21.51	0.00	418.23	39 986.57	448 436.37	8.01	13.50	148.34	269.89	187 554.95	260 881.42
1766	+	12.60	0.00	19.16	0.00	256.79	39 986.57	448 693.16	5.79	13.37	87.52	169.27	187 642.47	261 050.69
1767	+	0.00	0.00	18.97	0.00	141.05	39 986.57	448 834.21	5.67	13.30	42.37	98.68	187 684.84	261 149.37
1768	+	0.00	0.00	17.81	0.00	368.23	39 986.57	449 202.44	4.56	13.25	102.72	265.51	187 787.56	261 414.88
1769	+	0.00	0.00	16.70	0.00	345.01	39 986.57	449 547.45	3.92	12.78	84.76	260.25	187 872.32	261 675.13
1769	+	12.60	0.00	14.32	0.00	195.44	39 986.57	449 742.89	6.22	8.10	63.90	131.54	187 936.22	261 806.67
1770	+	0.00	0.00	13.03	0.00	101.20	39 986.57	449 844.09	4.93	8.10	41.26	59.94	187 977.48	261 866.61
1771	+	0.00	0.00	11.06	0.00	240.83	39 986.57	450 084.92	2.96	8.10	78.83	162.00	188 056.31	262 028.61
1772	+	0.00	0.00	10.02	0.00	210.76	39 986.57	450 295.68	1.97	8.05	49.30	161.46	188 105.61	262 190.07
1773	+	0.00	0.00	9.92	0.00	199.39	39 986.57	450 495.07	2.21	7.71	41.82	157.57	188 147.43	262 347.64
1774	+	0.00	0.00	8.80	0.00	187.23	39 986.57	450 682.30	1.83	6.97	40.38	146.85	188 187.81	262 494.49

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1775	+	0.00	0.00	8.17	0.00	169.67	39 986.57	450 851.97	1.67	6.50	34.96	134.71	188 222.77	262 629.20
1776	+	0.00	0.00	4.86	0.00	130.21	39 986.57	450 982.18	0.48	4.38	21.49	108.72	188 244.26	262 737.92
1777	+	0.00	0.00	5.83	0.00	106.92	39 986.57	451 089.10	0.64	5.19	11.25	95.67	188 255.51	262 833.59
1778	+	0.00	0.00	3.11	0.00	89.53	39 986.57	451 178.63	0.25	2.86	8.97	80.56	188 264.48	262 914.15
1779	+	0.00	0.00	4.52	0.00	76.35	39 986.57	451 254.98	0.48	4.04	7.33	69.02	188 271.81	262 983.17
1780	+	0.00	0.00	6.34	0.00	108.62	39 986.57	451 363.60	0.94	5.40	14.20	94.42	188 286.01	263 077.59
1781	+	0.00	0.00	6.90	0.00	132.46	39 986.57	451 496.06	1.24	5.66	21.85	110.61	188 307.86	263 188.20
1782	+	0.00	0.00	6.61	0.00	135.12	39 986.57	451 631.18	1.04	5.57	22.87	112.25	188 330.73	263 300.45
1782	+	13.37	0.00	7.04	0.00	91.23	39 986.57	451 722.41	0.89	6.15	12.93	78.30	188 343.66	263 378.75
1783	+	0.00	0.00	6.66	0.00	45.45	39 986.57	451 767.86	0.68	5.98	5.22	40.23	188 348.88	263 418.98
1784	+	0.00	0.00	7.01	0.00	136.64	39 986.57	451 904.50	0.71	6.30	13.88	122.76	188 362.76	263 541.74
1785	+	0.00	0.00	7.58	0.00	145.76	39 986.57	452 050.26	0.70	6.88	14.04	131.72	188 376.80	263 673.46
1786	+	0.00	0.00	7.92	0.00	154.87	39 986.57	452 205.13	1.12	6.80	18.12	136.75	188 394.92	263 810.21
1787	+	0.00	0.00	9.25	0.00	171.70	39 986.57	452 376.83	1.93	7.32	30.48	141.22	188 425.40	263 951.43
1788	+	0.00	0.00	10.29	0.00	195.39	39 986.57	452 572.22	2.42	7.87	43.50	151.89	188 468.90	264 103.32
1789	+	0.00	0.00	11.55	0.00	218.34	39 986.57	452 790.56	3.45	8.10	58.68	159.66	188 527.58	264 262.98
1790	+	0.00	0.00	14.95	0.00	264.99	39 986.57	453 055.55	6.85	8.10	102.99	162.00	188 630.57	264 424.98
1791	+	0.00	0.00	15.26	0.00	302.10	39 986.57	453 357.65	3.14	12.12	99.90	202.20	188 730.47	264 627.18
1792	+	0.00	0.00	17.65	0.00	329.07	39 986.57	453 686.72	4.88	12.77	80.18	248.89	188 810.65	264 876.07
1792	+	14.13	0.00	17.03	0.00	244.89	39 986.57	453 931.61	4.21	12.82	64.19	180.70	188 874.84	265 056.77
1793	+	0.00	0.00	17.72	0.00	102.06	39 986.57	454 033.67	4.92	12.80	26.81	75.25	188 901.65	265 132.02
1794	+	0.00	0.00	16.57	0.00	342.84	39 986.57	454 376.51	3.62	12.95	85.35	257.49	188 987.00	265 389.51
1795	+	0.00	0.00	18.81	0.00	353.72	39 986.57	454 730.23	5.80	13.01	94.21	259.51	189 081.21	265 649.02
1796	+	0.00	0.00	15.62	0.00	344.26	39 986.57	455 074.49	3.08	12.54	88.81	255.45	189 170.02	265 904.47
1797	+	0.00	0.00	15.50	0.00	311.17	39 986.57	455 385.66	3.44	12.06	65.18	245.99	189 235.20	266 150.46
1798	+	0.00	0.00	10.13	0.00	256.29	39 986.57	455 641.95	2.43	7.70	58.68	197.61	189 293.88	266 348.07

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1799	+	0.00	0.00	7.93	0.00	180.57	39 986.57	455 822.52	1.05	6.88	34.75	145.82	189 328.63	266 493.89
1800	+	0.00	0.00	6.83	0.00	147.57	39 986.57	455 970.09	0.75	6.08	17.97	129.60	189 346.60	266 623.49
1801	+	0.00	0.00	4.96	0.00	117.84	39 986.57	456 087.93	0.31	4.65	10.57	107.27	189 357.17	266 730.76
1802	+	0.00	0.00	2.71	0.00	76.66	39 986.57	456 164.59	0.00	2.71	3.10	73.56	189 360.27	266 804.32
1802	+	14.89	0.08	2.79	0.59	40.89	39 987.16	456 205.48	0.07	2.72	0.52	40.37	189 360.79	266 844.69
1803	+	0.00	0.26	2.22	0.88	12.82	39 988.04	456 218.30	0.00	2.22	0.18	12.64	189 360.97	266 857.33
1804	+	0.00	0.99	1.04	12.57	32.63	40 000.61	456 250.93	0.00	1.04	0.00	32.63	189 360.97	266 889.96
1805	+	0.00	1.32	1.17	23.15	22.10	40 023.76	456 273.03	0.00	1.17	0.00	22.10	189 360.97	266 912.06
1806	+	0.00	1.29	0.42	26.11	15.90	40 049.87	456 288.93	0.00	0.42	0.00	15.90	189 360.97	266 927.96
1807	+	0.00	0.84	1.26	21.32	16.84	40 071.19	456 305.77	0.00	1.26	0.04	16.80	189 361.01	266 944.76
1808	+	0.00	1.54	0.18	23.81	14.43	40 095.00	456 320.20	0.00	0.18	0.04	14.39	189 361.05	266 959.15
1809	+	0.00	1.38	0.59	29.20	7.74	40 124.20	456 327.94	0.00	0.59	0.00	7.74	189 361.05	266 966.89
1810	+	0.00	1.76	0.49	31.39	10.82	40 155.59	456 338.76	0.00	0.49	0.00	10.82	189 361.05	266 977.71
1811	+	0.00	1.39	0.90	31.47	13.88	40 187.06	456 352.64	0.00	0.90	0.00	13.88	189 361.05	266 991.59
1812	+	0.00	0.85	1.32	22.39	22.19	40 209.45	456 374.83	0.01	1.31	0.06	22.13	189 361.11	267 013.72
1813	+	0.00	0.29	2.10	11.35	34.13	40 220.80	456 408.96	0.01	2.09	0.20	33.93	189 361.31	267 047.65
1814	+	0.00	0.00	4.73	2.87	68.28	40 223.67	456 477.24	0.15	4.58	1.63	66.65	189 362.94	267 114.30
1815	+	0.00	0.00	5.50	0.00	102.29	40 223.67	456 579.53	0.31	5.19	4.62	97.67	189 367.56	267 211.97
1816	+	0.00	0.00	8.26	0.00	137.63	40 223.67	456 717.16	1.28	6.98	15.96	121.67	189 383.52	267 333.64
1817	+	0.00	0.00	10.81	0.00	190.74	40 223.67	456 907.90	2.86	7.95	41.40	149.34	189 424.92	267 482.98
1818	+	0.00	0.00	12.88	0.00	236.89	40 223.67	457 144.79	4.78	8.10	76.37	160.52	189 501.29	267 643.50
1819	+	0.00	0.00	14.73	0.00	276.06	40 223.67	457 420.85	6.63	8.10	114.06	162.00	189 615.35	267 805.50
1820	+	0.00	0.00	16.70	0.00	314.26	40 223.67	457 735.11	3.21	13.49	98.40	215.86	189 713.75	268 021.36
1821	+	0.00	0.00	18.89	0.00	355.87	40 223.67	458 090.98	5.39	13.50	86.01	269.86	189 799.76	268 291.22
1822	+	0.00	0.00	20.73	0.00	396.21	40 223.67	458 487.19	7.23	13.50	126.21	270.00	189 925.97	268 561.22
1823	+	0.00	0.00	23.85	0.00	445.85	40 223.67	458 933.04	10.35	13.50	175.85	270.00	190 101.82	268 831.22

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1824	+	0.00	0.00	25.63	0.00	494.77	40 223.67	459 427.81	12.13	13.50	224.77	270.00	190 326.59	269 101.22
1825	+	0.00	0.00	27.47	0.00	530.98	40 223.67	459 958.79	13.97	13.50	260.98	270.00	190 587.57	269 371.22
1826	+	0.00	0.00	27.94	0.00	554.10	40 223.67	460 512.89	14.44	13.50	284.10	270.00	190 871.67	269 641.22
1827	+	0.00	0.00	29.35	0.00	572.93	40 223.67	461 085.82	15.85	13.50	302.93	270.00	191 174.60	269 911.22
1828	+	0.00	0.00	31.21	0.00	605.68	40 223.67	461 691.50	17.71	13.50	335.68	270.00	191 510.28	270 181.22
1829	+	0.00	0.00	31.73	0.00	629.45	40 223.67	462 320.95	18.23	13.50	359.45	270.00	191 869.73	270 451.22
1830	+	0.00	0.00	32.97	0.00	647.06	40 223.67	462 968.01	19.47	13.50	377.06	270.00	192 246.79	270 721.22
1831	+	0.00	0.00	34.70	0.00	676.76	40 223.67	463 644.77	21.20	13.50	406.76	270.00	192 653.55	270 991.22
1832	+	0.00	0.00	36.63	0.00	713.28	40 223.67	464 358.05	23.13	13.50	443.28	270.00	193 096.83	271 261.22
1833	+	0.00	0.00	39.65	0.00	762.78	40 223.67	465 120.83	26.15	13.50	492.78	270.00	193 589.61	271 531.22
1834	+	0.00	0.00	39.27	0.00	789.21	40 223.67	465 910.04	25.77	13.50	519.21	270.00	194 108.82	271 801.22
1835	+	0.00	0.00	38.63	0.00	778.99	40 223.67	466 689.03	25.13	13.50	508.99	270.00	194 617.81	272 071.22
1835	+	8.99	0.00	36.78	0.00	339.13	40 223.67	467 028.16	23.28	13.50	217.71	121.42	194 835.52	272 192.64
1836	+	0.00	0.00	35.13	0.00	395.72	40 223.67	467 423.88	21.63	13.50	247.14	148.58	195 082.66	272 341.22
1837	+	0.00	0.00	29.80	0.00	649.63	40 223.67	468 073.51	16.30	13.50	379.63	270.00	195 462.29	272 611.22
1838	+	0.00	0.00	26.85	0.00	566.85	40 223.67	468 640.36	13.35	13.50	296.85	270.00	195 759.14	272 881.22
1839	+	0.00	0.00	23.62	0.00	505.05	40 223.67	469 145.41	10.12	13.50	235.05	270.00	195 994.19	273 151.22
1839	+	19.17	0.00	23.97	0.00	456.59	40 223.67	469 602.00	10.47	13.50	197.75	258.84	196 191.94	273 410.06
1840	+	0.00	0.00	24.06	0.00	19.85	40 223.67	469 621.85	10.56	13.50	8.69	11.16	196 200.63	273 421.22
1841	+	0.00	0.00	26.48	0.00	505.70	40 223.67	470 127.55	12.98	13.50	235.70	270.00	196 436.33	273 691.22
1842	+	0.00	0.00	26.61	0.00	531.14	40 223.67	470 658.69	13.11	13.50	261.14	270.00	196 697.47	273 961.22
1843	+	0.00	0.00	26.81	0.00	534.40	40 223.67	471 193.09	13.31	13.50	264.40	270.00	196 961.87	274 231.22
1844	+	0.00	0.00	25.39	0.00	522.23	40 223.67	471 715.32	11.89	13.50	252.23	270.00	197 214.10	274 501.22
1844	+	9.35	0.00	24.31	0.00	232.42	40 223.67	471 947.74	10.81	13.50	106.16	126.26	197 320.26	274 627.48
1845	+	0.00	0.00	22.04	0.00	246.75	40 223.67	472 194.49	8.54	13.50	103.01	143.74	197 423.27	274 771.22
1846	+	0.00	0.00	18.71	0.00	407.55	40 223.67	472 602.04	5.21	13.50	137.55	270.00	197 560.82	275 041.22

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1847	+	0.00	0.00	14.89	0.00	336.00	40 223.67	472 938.04	2.34	12.55	75.52	260.48	197 636.34	275 301.70
1848	+	0.00	0.00	12.97	0.00	278.54	40 223.67	473 216.58	4.87	8.10	72.06	206.48	197 708.40	275 508.18
1849	+	0.00	0.00	11.02	0.00	239.85	40 223.67	473 456.43	2.92	8.10	77.90	161.95	197 786.30	275 670.13
1850	+	0.00	0.00	11.07	0.00	220.88	40 223.67	473 677.31	2.97	8.10	58.93	161.95	197 845.23	275 832.08
1851	+	0.00	0.00	11.90	0.00	229.61	40 223.67	473 906.92	3.80	8.10	67.65	161.96	197 912.88	275 994.04
1852	+	0.00	0.00	13.39	0.00	252.80	40 223.67	474 159.72	5.29	8.10	90.84	161.96	198 003.72	276 156.00
1853	+	0.00	0.00	14.86	0.00	282.52	40 223.67	474 442.24	6.76	8.10	120.52	162.00	198 124.24	276 318.00
1854	+	0.00	0.00	14.61	0.00	294.69	40 223.67	474 736.93	6.51	8.10	132.69	162.00	198 256.93	276 480.00
1855	+	0.00	0.00	12.95	0.00	275.60	40 223.67	475 012.53	4.85	8.10	113.60	162.00	198 370.53	276 642.00
1856	+	0.00	0.00	10.92	0.00	238.78	40 223.67	475 251.31	2.84	8.08	76.95	161.83	198 447.48	276 803.83
1857	+	0.00	0.00	7.40	0.00	183.24	40 223.67	475 434.55	0.65	6.75	34.95	148.29	198 482.43	276 952.12
1858	+	0.00	0.00	4.99	0.00	123.97	40 223.67	475 558.52	0.15	4.84	8.06	115.91	198 490.49	277 068.03
1859	+	0.00	0.03	4.05	0.32	90.55	40 223.99	475 649.07	0.05	4.00	2.06	88.49	198 492.55	277 156.52
1860	+	0.00	0.09	3.98	1.19	80.38	40 225.18	475 729.45	0.09	3.89	1.43	78.95	198 493.98	277 235.47
1861	+	0.00	0.00	4.51	0.88	84.92	40 226.06	475 814.37	0.18	4.33	2.69	82.23	198 496.67	277 317.70
1862	+	0.00	0.00	5.20	0.01	97.13	40 226.07	475 911.50	0.10	5.10	2.78	94.35	198 499.45	277 412.05
1863	+	0.00	0.00	4.84	0.00	100.46	40 226.07	476 011.96	0.05	4.79	1.50	98.96	198 500.95	277 511.01
1864	+	0.00	0.00	5.52	0.00	103.65	40 226.07	476 115.61	0.13	5.39	1.80	101.85	198 502.75	277 612.86
1865	+	0.00	0.00	3.68	0.00	91.99	40 226.07	476 207.60	0.03	3.65	1.55	90.44	198 504.30	277 703.30
1866	+	0.00	0.00	4.89	0.00	85.75	40 226.07	476 293.35	0.14	4.75	1.69	84.06	198 505.99	277 787.36
1867	+	0.00	0.01	3.72	0.11	86.19	40 226.18	476 379.54	0.13	3.59	2.72	83.47	198 508.71	277 870.83
1868	+	0.00	0.13	2.45	1.43	61.69	40 227.61	476 441.23	0.04	2.41	1.68	60.01	198 510.39	277 930.84
1869	+	0.00	0.43	1.91	5.60	43.58	40 233.21	476 484.81	0.02	1.89	0.58	43.00	198 510.97	277 973.84
1870	+	0.00	0.87	1.61	13.01	35.20	40 246.22	476 520.01	0.07	1.54	0.91	34.29	198 511.88	278 008.13
1871	+	0.00	1.22	1.08	20.97	26.93	40 267.19	476 546.94	0.00	1.08	0.73	26.20	198 512.61	278 034.33
1872	+	0.00	1.10	0.82	23.24	19.02	40 290.43	476 565.96	0.00	0.82	0.02	19.00	198 512.63	278 053.33

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1873	+	0.00	0.20	1.52	13.00	23.35	40 303.43	476 589.31	0.00	1.52	0.00	23.35	198 512.63	278 076.68
1874	+	0.00	0.06	2.14	2.63	36.65	40 306.06	476 625.96	0.00	2.14	0.02	36.63	198 512.65	278 113.31
1875	+	0.00	0.00	1.48	0.67	36.32	40 306.73	476 662.28	0.00	1.48	0.02	36.30	198 512.67	278 149.61
1876	+	0.00	0.03	2.18	0.33	36.67	40 307.06	476 698.95	0.00	2.18	0.03	36.64	198 512.70	278 186.25
1877	+	0.00	0.00	3.19	0.29	53.75	40 307.35	476 752.70	0.01	3.18	0.10	53.65	198 512.80	278 239.90
1878	+	0.00	0.00	3.49	0.00	66.75	40 307.35	476 819.45	0.03	3.46	0.34	66.41	198 513.14	278 306.31
1879	+	0.00	0.00	5.43	0.00	89.11	40 307.35	476 908.56	0.12	5.31	1.44	87.67	198 514.58	278 393.98
1880	+	0.00	0.00	10.22	0.00	156.49	40 307.35	477 065.05	2.19	8.03	23.06	133.43	198 537.64	278 527.41
1881	+	0.00	0.00	15.17	0.00	253.98	40 307.35	477 319.03	2.16	13.01	43.52	210.46	198 581.16	278 737.87
1882	+	0.00	0.00	21.42	0.00	365.98	40 307.35	477 685.01	7.92	13.50	100.85	265.13	198 682.01	279 003.00
1883	+	0.00	0.00	27.46	0.00	488.83	40 307.35	478 173.84	13.96	13.50	218.83	270.00	198 900.84	279 273.00
1884	+	0.00	0.00	27.53	0.00	549.90	40 307.35	478 723.74	14.03	13.50	279.90	270.00	199 180.74	279 543.00
1885	+	0.00	0.00	26.41	0.00	539.36	40 307.35	479 263.10	12.91	13.50	269.36	270.00	199 450.10	279 813.00
1886	+	0.00	0.00	25.37	0.00	517.73	40 307.35	479 780.83	11.87	13.50	247.73	270.00	199 697.83	280 083.00
1887	+	0.00	0.00	25.45	0.00	508.15	40 307.35	480 288.98	11.95	13.50	238.15	270.00	199 935.98	280 353.00
1888	+	0.00	0.00	23.17	0.00	486.23	40 307.35	480 775.21	9.67	13.50	216.23	270.00	200 152.21	280 623.00
1889	+	0.00	0.00	21.18	0.00	443.54	40 307.35	481 218.75	7.68	13.50	173.54	270.00	200 325.75	280 893.00
1890	+	0.00	0.00	16.83	0.00	380.11	40 307.35	481 598.86	3.37	13.46	110.54	269.57	200 436.29	281 162.57
1891	+	0.00	0.00	12.01	0.00	288.38	40 307.35	481 887.24	0.77	11.24	41.43	246.95	200 477.72	281 409.52
1892	+	0.00	0.00	6.55	0.00	185.56	40 307.35	482 072.80	0.30	6.25	10.67	174.89	200 488.39	281 584.41
1893	+	0.00	0.00	3.29	0.00	98.35	40 307.35	482 171.15	0.05	3.24	3.46	94.89	200 491.85	281 679.30
1894	+	0.00	0.21	1.23	2.11	45.20	40 309.46	482 216.35	0.00	1.23	0.49	44.71	200 492.34	281 724.01
1895	+	0.00	0.01	0.96	2.17	21.87	40 311.63	482 238.22	0.00	0.96	0.03	21.84	200 492.37	281 745.85
1896	+	0.00	1.13	0.40	11.31	13.52	40 322.94	482 251.74	0.00	0.40	0.01	13.51	200 492.38	281 759.36
1897	+	0.00	1.80	0.00	29.20	3.99	40 352.14	482 255.73	0.00	0.00	0.00	3.99	200 492.38	281 763.35
1898	+	0.00	2.24	0.00	40.39	0.00	40 392.53	482 255.73	0.00	0.00	0.00	0.00	200 492.38	281 763.35

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1899	+	0.00	3.59	0.00	58.32	-0.01	40 450.85	482 255.72	0.00	0.00	0.00	-0.01	200 492.38	281 763.34
1900	+	0.00	2.64	0.00	62.24	0.00	40 513.09	482 255.72	0.00	0.00	0.00	0.00	200 492.38	281 763.34
1901	+	0.00	0.99	0.27	36.27	2.67	40 549.36	482 258.39	0.00	0.27	0.00	2.67	200 492.38	281 766.01
1902	+	0.00	0.11	1.71	11.06	19.84	40 560.42	482 278.23	0.01	1.70	0.12	19.72	200 492.50	281 785.73
1903	+	0.00	0.00	3.22	1.19	49.46	40 561.61	482 327.69	0.10	3.12	1.16	48.30	200 493.66	281 834.03
1904	+	0.00	0.00	4.85	0.04	80.83	40 561.65	482 408.52	0.18	4.67	2.84	77.99	200 496.50	281 912.02
1905	+	0.00	0.00	5.66	0.00	105.11	40 561.65	482 513.63	0.23	5.43	4.06	101.05	200 500.56	282 013.07
1906	+	0.00	0.00	4.39	0.00	100.41	40 561.65	482 614.04	0.04	4.35	2.65	97.76	200 503.21	282 110.83
1907	+	0.00	0.00	4.70	0.00	90.77	40 561.65	482 704.81	0.14	4.56	1.76	89.01	200 504.97	282 199.84
1908	+	0.00	0.10	4.22	0.96	89.15	40 562.61	482 793.96	0.05	4.17	1.90	87.25	200 506.87	282 287.09
1908	+	4.12	0.02	4.61	0.23	18.23	40 562.84	482 812.19	0.10	4.51	0.33	17.90	200 507.20	282 304.99
1909	+	0.00	0.03	4.35	0.37	71.15	40 563.21	482 883.34	0.21	4.14	2.50	68.65	200 509.70	282 373.64
1910	+	0.00	0.10	2.64	1.29	70.00	40 564.50	482 953.34	0.18	2.46	3.92	66.08	200 513.62	282 439.72
1911	+	0.00	0.52	1.69	6.13	43.47	40 570.63	482 996.81	0.11	1.58	2.95	40.52	200 516.57	282 480.24
1911	+	2.12	0.44	1.83	1.02	3.75	40 571.65	483 000.56	0.12	1.71	0.25	3.50	200 516.82	282 483.74
1912	+	0.00	1.05	1.66	13.21	31.52	40 584.86	483 032.08	0.23	1.43	3.21	28.31	200 520.03	282 512.05
1913	+	0.00	1.62	1.06	26.48	27.48	40 611.34	483 059.56	0.10	0.96	3.39	24.09	200 523.42	282 536.14
1913	+	9.77	0.80	1.26	11.72	11.44	40 623.06	483 071.00	0.08	1.18	0.92	10.52	200 524.34	282 546.66
1914	+	0.00	0.56	1.62	6.87	14.82	40 629.93	483 085.82	0.14	1.48	1.14	13.68	200 525.48	282 560.34
1915	+	0.00	0.57	1.73	11.16	33.68	40 641.09	483 119.50	0.36	1.37	5.03	28.65	200 530.51	282 588.99
1915	+	17.42	0.66	2.43	10.61	36.59	40 651.70	483 156.09	0.45	1.98	7.13	29.46	200 537.64	282 618.45
1916	+	0.00	0.62	2.77	1.65	6.70	40 653.35	483 162.79	0.51	2.26	1.23	5.47	200 538.87	282 623.92
1917	+	0.00	0.06	2.91	6.70	57.03	40 660.05	483 219.82	0.25	2.66	7.60	49.43	200 546.47	282 673.35
1918	+	0.00	0.02	2.96	0.78	58.82	40 660.83	483 278.64	0.14	2.82	3.89	54.93	200 550.36	282 728.28
1918	+	15.42	0.00	4.86	0.17	60.30	40 661.00	483 338.94	0.17	4.69	2.38	57.92	200 552.74	282 786.20
1919	+	0.00	0.00	5.78	0.00	24.33	40 661.00	483 363.27	0.21	5.57	0.86	23.47	200 553.60	282 809.67

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1920	+	0.00	0.00	8.73	0.00	145.02	40 661.00	483 508.29	0.81	7.92	10.12	134.90	200 563.72	282 944.57
1921	+	0.00	0.00	13.42	0.00	221.42	40 661.00	483 729.71	0.99	12.43	17.97	203.45	200 581.69	283 148.02
1922	+	0.00	0.00	17.10	0.00	305.15	40 661.00	484 034.86	3.60	13.50	45.91	259.24	200 627.60	283 407.26
1923	+	0.00	0.00	20.75	0.00	378.45	40 661.00	484 413.31	7.25	13.50	108.47	269.98	200 736.07	283 677.24
1924	+	0.00	0.00	22.91	0.00	436.57	40 661.00	484 849.88	9.41	13.50	166.57	270.00	200 902.64	283 947.24
1925	+	0.00	0.00	21.49	0.00	443.99	40 661.00	485 293.87	7.99	13.50	173.99	270.00	201 076.63	284 217.24
1926	+	0.00	0.00	18.48	0.00	399.68	40 661.00	485 693.55	4.98	13.50	129.68	270.00	201 206.31	284 487.24
1927	+	0.00	0.00	14.77	0.00	332.42	40 661.00	486 025.97	2.06	12.71	70.34	262.08	201 276.65	284 749.32
1928	+	0.00	0.00	10.02	0.00	247.78	40 661.00	486 273.75	2.27	7.75	43.22	204.56	201 319.87	284 953.88
1929	+	0.00	0.00	5.93	0.00	159.43	40 661.00	486 433.18	0.33	5.60	25.98	133.45	201 345.85	285 087.33
1930	+	0.00	0.33	3.79	3.33	97.21	40 664.33	486 530.39	0.04	3.75	3.68	93.53	201 349.53	285 180.86
1931	+	0.00	1.18	1.89	15.16	56.87	40 679.49	486 587.26	0.00	1.89	0.37	56.50	201 349.90	285 237.36
1932	+	0.00	1.85	0.54	30.32	24.33	40 709.81	486 611.59	0.00	0.54	0.01	24.32	201 349.91	285 261.68
1933	+	0.00	4.24	0.02	60.86	5.59	40 770.67	486 617.18	0.00	0.02	0.00	5.59	201 349.91	285 267.27
1934	+	0.00	5.33	0.00	95.67	0.23	40 866.34	486 617.41	0.00	0.00	0.00	0.23	201 349.91	285 267.50
1935	+	0.00	4.61	0.00	99.35	0.00	40 965.69	486 617.41	0.00	0.00	0.00	0.00	201 349.91	285 267.50
1935	+	9.46	3.47	0.04	38.22	0.19	41 003.91	486 617.60	0.00	0.04	0.00	0.19	201 349.91	285 267.69
1936	+	0.00	2.66	0.36	32.32	2.11	41 036.23	486 619.71	0.03	0.33	0.14	1.97	201 350.05	285 269.66
1937	+	0.00	1.07	1.51	37.07	18.78	41 073.30	486 638.49	0.08	1.43	1.07	17.71	201 351.12	285 287.37
1938	+	0.00	0.14	3.34	11.98	48.60	41 085.28	486 687.09	0.14	3.20	2.24	46.36	201 353.36	285 333.73
1939	+	0.00	0.00	6.07	1.38	94.22	41 086.66	486 781.31	0.32	5.75	4.63	89.59	201 357.99	285 423.32
1940	+	0.00	0.00	8.05	0.00	141.35	41 086.66	486 922.66	1.06	6.99	13.84	127.51	201 371.83	285 550.83
1941	+	0.00	0.00	9.90	0.00	179.75	41 086.66	487 102.41	2.26	7.64	33.36	146.39	201 405.19	285 697.22
1941	+	19.42	0.00	12.40	0.00	216.84	41 086.66	487 319.25	4.33	8.07	64.27	152.57	201 469.46	285 849.79
1942	+	0.00	0.00	12.31	0.00	7.15	41 086.66	487 326.40	4.25	8.06	2.48	4.67	201 471.94	285 854.46
1943	+	0.00	0.00	16.02	0.00	283.70	41 086.66	487 610.10	2.86	13.16	71.45	212.25	201 543.39	286 066.71

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1944	+	0.00	0.00	18.68	0.00	347.39	41 086.66	487 957.49	5.31	13.37	82.07	265.32	201 625.46	286 332.03
1945	+	0.00	0.00	22.47	0.00	411.94	41 086.66	488 369.43	8.97	13.50	143.27	268.67	201 768.73	286 600.70
1946	+	0.00	0.00	22.12	0.00	446.43	41 086.66	488 815.86	8.62	13.50	176.43	270.00	201 945.16	286 870.70
1947	+	0.00	0.00	21.58	0.00	437.65	41 086.66	489 253.51	8.26	13.32	169.41	268.24	202 114.57	287 138.94
1948	+	0.00	0.00	20.93	0.00	425.84	41 086.66	489 679.35	7.66	13.27	159.86	265.98	202 274.43	287 404.92
1948	+	9.38	0.00	20.81	0.00	195.82	41 086.66	489 875.17	7.60	13.21	71.59	124.23	202 346.02	287 529.15
1949	+	0.00	0.00	19.30	0.00	212.97	41 086.66	490 088.14	6.08	13.22	72.65	140.32	202 418.67	287 669.47
1950	+	0.00	0.00	17.25	0.00	365.41	41 086.66	490 453.55	3.78	13.47	98.56	266.85	202 517.23	287 936.32
1951	+	0.00	0.00	13.99	0.00	312.33	41 086.66	490 765.88	1.45	12.54	52.31	260.02	202 569.54	288 196.34
1952	+	0.00	0.00	12.59	0.00	265.82	41 086.66	491 031.70	0.89	11.70	23.46	242.36	202 593.00	288 438.70
1953	+	0.00	0.00	10.87	0.00	234.61	41 086.66	491 266.31	0.40	10.47	12.90	221.71	202 605.90	288 660.41
1954	+	0.00	0.00	9.12	0.00	199.93	41 086.66	491 466.24	1.52	7.60	19.20	180.73	202 625.10	288 841.14
1955	+	0.00	0.00	7.41	0.00	165.31	41 086.66	491 631.55	0.54	6.87	20.61	144.70	202 645.71	288 985.84
1956	+	0.00	0.00	4.94	0.00	123.51	41 086.66	491 755.06	0.04	4.90	5.83	117.68	202 651.54	289 103.52
1957	+	0.00	0.00	4.41	0.00	93.54	41 086.66	491 848.60	0.02	4.39	0.61	92.93	202 652.15	289 196.45
1958	+	0.00	0.00	4.10	0.00	85.09	41 086.66	491 933.69	0.01	4.09	0.25	84.84	202 652.40	289 281.29
1959	+	0.00	0.00	2.91	0.00	70.13	41 086.66	492 003.82	0.03	2.88	0.36	69.77	202 652.76	289 351.06
1960	+	0.00	0.00	2.85	0.00	57.62	41 086.66	492 061.44	0.01	2.84	0.38	57.24	202 653.14	289 408.30
1961	+	0.00	0.13	2.27	1.27	51.12	41 087.93	492 112.56	0.02	2.25	0.28	50.84	202 653.42	289 459.14
1962	+	0.00	0.59	0.65	7.13	29.05	41 095.06	492 141.61	0.00	0.65	0.18	28.87	202 653.60	289 488.01
1963	+	0.00	1.22	0.11	18.08	7.51	41 113.14	492 149.12	0.00	0.11	0.00	7.51	202 653.60	289 495.52
1964	+	0.00	2.70	0.00	39.24	1.07	41 152.38	492 150.19	0.00	0.00	0.00	1.07	202 653.60	289 496.59
1965	+	0.00	3.12	0.00	58.24	0.00	41 210.62	492 150.19	0.00	0.00	0.00	0.00	202 653.60	289 496.59
1966	+	0.00	2.14	0.00	52.65	0.00	41 263.27	492 150.19	0.00	0.00	0.00	0.00	202 653.60	289 496.59
1967	+	0.00	1.01	0.03	31.52	0.36	41 294.79	492 150.55	0.00	0.03	0.02	0.34	202 653.62	289 496.93
1967	+	1.75	0.62	0.17	1.42	0.18	41 296.21	492 150.73	0.01	0.16	0.01	0.17	202 653.63	289 497.10

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1968	+	0.00	0.09	1.18	6.45	12.29	41 302.66	492 163.02	0.09	1.09	0.88	11.41	202 654.51	289 508.51
1969	+	0.00	0.00	2.74	0.86	39.19	41 303.52	492 202.21	0.17	2.57	2.55	36.64	202 657.06	289 545.15
1969	+	19.75	0.05	3.83	0.53	65.19	41 304.05	492 267.40	0.35	3.48	5.20	59.99	202 662.26	289 605.14
1970	+	0.00	0.04	3.86	0.01	0.97	41 304.06	492 268.37	0.36	3.50	0.09	0.88	202 662.35	289 606.02
1971	+	0.00	0.00	7.90	0.44	118.06	41 304.50	492 386.43	1.22	6.68	15.95	102.11	202 678.30	289 708.13
1972	+	0.00	0.00	11.40	0.00	193.66	41 304.50	492 580.09	3.65	7.75	49.22	144.44	202 727.52	289 852.57
1972	+	1.03	0.00	11.42	0.00	11.79	41 304.50	492 591.88	3.68	7.74	3.79	8.00	202 731.31	289 860.57
1973	+	0.00	0.00	14.20	0.00	243.76	41 304.50	492 835.64	6.14	8.06	93.87	149.89	202 825.18	290 010.46
1974	+	0.00	0.00	17.30	0.00	315.96	41 304.50	493 151.60	4.75	12.55	109.79	206.17	202 934.97	290 216.63
1974	+	2.32	0.00	17.26	0.00	40.09	41 304.50	493 191.69	4.74	12.52	11.01	29.08	202 945.98	290 245.71
1975	+	0.00	0.00	18.65	0.00	318.21	41 304.50	493 509.90	5.50	13.15	91.18	227.03	203 037.16	290 472.74
1976	+	0.00	0.00	20.53	0.00	392.30	41 304.50	493 902.20	7.03	13.50	125.77	266.53	203 162.93	290 739.27
1977	+	0.00	0.00	21.28	0.00	418.06	41 304.50	494 320.26	7.78	13.50	148.10	269.96	203 311.03	291 009.23
1977	+	0.32	0.00	21.18	0.00	6.79	41 304.50	494 327.05	7.68	13.50	2.47	4.32	203 313.50	291 013.55
1978	+	0.00	0.00	19.03	0.00	395.59	41 304.50	494 722.64	5.53	13.50	129.92	265.67	203 443.42	291 279.22
1979	+	0.00	0.00	17.95	0.00	369.73	41 304.50	495 092.37	4.45	13.50	99.74	269.99	203 543.16	291 549.21
1980	+	0.00	0.00	18.88	0.00	368.22	41 304.50	495 460.59	5.38	13.50	98.23	269.99	203 641.39	291 819.20
1981	+	0.00	0.00	18.66	0.00	375.33	41 304.50	495 835.92	5.16	13.50	105.33	270.00	203 746.72	292 089.20
1982	+	0.00	0.00	16.55	0.00	352.11	41 304.50	496 188.03	3.29	13.26	84.47	267.64	203 831.19	292 356.84
1983	+	0.00	0.00	18.76	0.00	353.15	41 304.50	496 541.18	5.26	13.50	85.51	267.64	203 916.70	292 624.48
1984	+	0.00	0.00	21.35	0.00	401.07	41 304.50	496 942.25	7.85	13.50	131.07	270.00	204 047.77	292 894.48
1985	+	0.00	0.00	21.20	0.00	425.43	41 304.50	497 367.68	7.70	13.50	155.43	270.00	204 203.20	293 164.48
1986	+	0.00	0.00	22.16	0.00	433.60	41 304.50	497 801.28	8.66	13.50	163.60	270.00	204 366.80	293 434.48
1987	+	0.00	0.00	23.30	0.00	454.60	41 304.50	498 255.88	9.80	13.50	184.60	270.00	204 551.40	293 704.48
1988	+	0.00	0.00	25.22	0.00	485.19	41 304.50	498 741.07	11.72	13.50	215.19	270.00	204 766.59	293 974.48
1989	+	0.00	0.00	26.61	0.00	518.29	41 304.50	499 259.36	13.11	13.50	248.29	270.00	205 014.88	294 244.48

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
1990	+	0.00	0.00	29.76	0.00	563.62	41 304.50	499 822.98	16.26	13.50	293.62	270.00	205 308.50	294 514.48
1991	+	0.00	0.00	30.96	0.00	607.14	41 304.50	500 430.12	17.46	13.50	337.14	270.00	205 645.64	294 784.48
1992	+	0.00	0.00	28.39	0.00	593.47	41 304.50	501 023.59	14.89	13.50	323.47	270.00	205 969.11	295 054.48
1993	+	0.00	0.00	23.84	0.00	522.27	41 304.50	501 545.86	10.34	13.50	252.27	270.00	206 221.38	295 324.48
1994	+	0.00	0.00	20.67	0.00	445.05	41 304.50	501 990.91	7.17	13.50	175.05	270.00	206 396.43	295 594.48
1995	+	0.00	0.00	14.80	0.00	354.71	41 304.50	502 345.62	1.95	12.85	91.17	263.54	206 487.60	295 858.02
1996	+	0.00	0.00	8.47	0.00	232.75	41 304.50	502 578.37	1.19	7.28	31.43	201.32	206 519.03	296 059.34
1997	+	0.00	0.00	3.45	0.02	119.22	41 304.52	502 697.59	0.01	3.44	12.03	107.19	206 531.06	296 166.53
1998	+	0.00	4.32	0.00	43.26	34.52	41 347.78	502 732.11	0.00	0.00	0.10	34.42	206 531.16	296 200.95
1998	+	0.19	4.34	0.00	0.80	0.00	41 348.58	502 732.11	0.00	0.00	0.00	0.00	206 531.16	296 200.95
1999	+	0.00	14.85	0.00	190.12	0.00	41 538.70	502 732.11	0.00	0.00	0.00	0.00	206 531.16	296 200.95
2000	+	0.00	25.11	0.00	399.59	-0.01	41 938.29	502 732.10	0.00	0.00	0.00	-0.01	206 531.16	296 200.94
2001	+	0.00	33.23	0.00	583.26	0.00	42 521.55	502 732.10	0.00	0.00	0.00	0.00	206 531.16	296 200.94
2001	+	0.19	33.21	0.00	6.13	0.00	42 527.68	502 732.10	0.00	0.00	0.00	0.00	206 531.16	296 200.94
2002	+	0.00	30.20	0.00	627.98	0.00	43 155.66	502 732.10	0.00	0.00	0.00	0.00	206 531.16	296 200.94
2003	+	0.00	26.38	0.00	565.81	-0.01	43 721.47	502 732.09	0.00	0.00	0.00	-0.01	206 531.16	296 200.93
2003	+	5.04	24.48	0.00	128.15	0.00	43 849.62	502 732.09	0.00	0.00	0.00	0.00	206 531.16	296 200.93
2004	+	0.00	17.97	0.00	317.65	-0.01	44 167.27	502 732.08	0.00	0.00	0.00	-0.01	206 531.16	296 200.92
2005	+	0.00	9.82	0.00	277.78	0.00	44 445.05	502 732.08	0.00	0.00	0.00	0.00	206 531.16	296 200.92
2005	+	9.89	5.56	0.00	76.02	0.00	44 521.07	502 732.08	0.00	0.00	0.00	0.00	206 531.16	296 200.92
2006	+	0.00	0.93	0.82	32.76	4.15	44 553.83	502 736.23	0.00	0.82	0.00	4.15	206 531.16	296 205.07
2007	+	0.00	0.00	10.37	9.27	112.15	44 563.10	502 848.38	2.95	7.42	29.65	82.50	206 560.81	296 287.57
2008	+	0.00	0.00	20.76	0.00	311.29	44 563.10	503 159.67	7.26	13.50	102.05	209.24	206 662.86	296 496.81
2008	+	9.89	0.00	24.76	0.00	225.20	44 563.10	503 384.87	11.26	13.50	91.63	133.57	206 754.49	296 630.38
2009	+	0.00	0.00	31.84	0.00	286.01	44 563.10	503 670.88	18.34	13.50	149.58	136.43	206 904.07	296 766.81
2010	+	0.00	0.00	45.28	0.00	771.16	44 563.10	504 442.04	31.78	13.50	501.16	270.00	207 405.23	297 036.81

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2011	+	0.00	0.00	30.55	0.00	758.29	44 563.10	505 200.33	17.05	13.50	488.29	270.00	207 893.52	297 306.81
2012	+	0.00	0.00	18.05	0.00	485.99	44 563.10	505 686.32	4.55	13.50	215.99	270.00	208 109.51	297 576.81
2013	+	0.00	0.00	4.93	0.00	229.79	44 563.10	505 916.11	0.11	4.82	46.63	183.16	208 156.14	297 759.97
2014	+	0.00	7.65	0.00	76.54	49.31	44 639.64	505 965.42	0.00	0.00	1.15	48.16	208 157.29	297 808.13
2015	+	0.00	24.30	0.00	319.54	0.00	44 959.18	505 965.42	0.00	0.00	0.00	0.00	208 157.29	297 808.13
2016	+	0.00	35.58	0.00	598.83	0.00	45 558.01	505 965.42	0.00	0.00	0.00	0.00	208 157.29	297 808.13
2017	+	0.00	41.27	0.00	768.56	0.00	46 326.57	505 965.42	0.00	0.00	0.00	0.00	208 157.29	297 808.13
2018	+	0.00	38.97	0.00	802.44	-0.01	47 129.01	505 965.41	0.00	0.00	0.00	-0.01	208 157.29	297 808.12
2019	+	0.00	35.25	0.00	742.20	0.00	47 871.21	505 965.41	0.00	0.00	0.00	0.00	208 157.29	297 808.12
2020	+	0.00	28.60	0.00	638.45	-0.01	48 509.66	505 965.40	0.00	0.00	0.00	-0.01	208 157.29	297 808.11
2021	+	0.00	19.39	0.00	479.88	0.00	48 989.54	505 965.40	0.00	0.00	0.00	0.00	208 157.29	297 808.11
2022	+	0.00	10.96	0.00	303.53	0.00	49 293.07	505 965.40	0.00	0.00	0.00	0.00	208 157.29	297 808.11
2023	+	0.00	4.33	0.00	152.90	0.00	49 445.97	505 965.40	0.00	0.00	0.00	0.00	208 157.29	297 808.11
2024	+	0.00	0.54	0.94	48.65	9.36	49 494.62	505 974.76	0.00	0.94	0.00	9.36	208 157.29	297 817.47
2025	+	0.00	0.00	9.21	5.37	101.46	49 499.99	506 076.22	1.60	7.61	16.00	85.46	208 173.29	297 902.93
2026	+	0.00	0.00	16.01	0.00	252.28	49 499.99	506 328.50	2.68	13.33	42.82	209.46	208 216.11	298 112.39
2027	+	0.00	0.00	22.76	0.00	387.75	49 499.99	506 716.25	9.26	13.50	119.40	268.35	208 335.51	298 380.74
2028	+	0.00	0.00	25.90	0.00	486.55	49 499.99	507 202.80	12.40	13.50	216.55	270.00	208 552.06	298 650.74
2029	+	0.00	0.00	26.07	0.00	519.64	49 499.99	507 722.44	12.57	13.50	249.64	270.00	208 801.70	298 920.74
2030	+	0.00	0.00	23.96	0.00	500.31	49 499.99	508 222.75	10.46	13.50	230.31	270.00	209 032.01	299 190.74
2031	+	0.00	0.00	20.09	0.00	440.55	49 499.99	508 663.30	6.59	13.50	170.55	270.00	209 202.56	299 460.74
2032	+	0.00	0.00	17.99	0.00	380.83	49 499.99	509 044.13	4.64	13.35	112.35	268.48	209 314.91	299 729.22
2032	+	8.07	0.00	15.99	0.00	137.17	49 499.99	509 181.30	2.95	13.04	30.65	106.52	209 345.56	299 835.74
2033	+	0.00	0.00	14.47	0.00	181.72	49 499.99	509 363.02	2.10	12.37	30.12	151.60	209 375.68	299 987.34
2034	+	0.00	0.00	11.80	0.00	262.79	49 499.99	509 625.81	0.91	10.89	30.13	232.66	209 405.81	300 220.00
2035	+	0.00	0.00	9.29	0.00	210.94	49 499.99	509 836.75	1.70	7.59	26.12	184.82	209 431.93	300 404.82

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2036	+	0.00	0.00	7.71	0.00	170.00	49 499.99	510 006.75	0.67	7.04	23.69	146.31	209 455.62	300 551.13
2037	+	0.00	0.00	5.25	0.00	129.66	49 499.99	510 136.41	0.19	5.06	8.64	121.02	209 464.26	300 672.15
2038	+	0.00	0.00	2.15	0.00	73.97	49 499.99	510 210.38	0.05	2.10	2.38	71.59	209 466.64	300 743.74
2039	+	0.00	0.59	0.95	5.86	30.93	49 505.85	510 241.31	0.00	0.95	0.45	30.48	209 467.09	300 774.22
2040	+	0.00	2.92	0.00	35.03	9.49	49 540.88	510 250.80	0.00	0.00	0.00	9.49	209 467.09	300 783.71
2041	+	0.00	1.84	0.15	47.55	1.46	49 588.43	510 252.26	0.00	0.15	0.00	1.46	209 467.09	300 785.17
2042	+	0.00	0.00	6.74	18.38	68.80	49 606.81	510 321.06	0.34	6.40	3.36	65.44	209 470.45	300 850.61
2042	+	19.03	0.00	17.50	0.00	230.61	49 606.81	510 551.67	4.00	13.50	41.26	189.35	209 511.71	301 039.96
2043	+	0.00	0.00	17.82	0.00	17.10	49 606.81	510 568.77	4.32	13.50	4.03	13.07	209 515.74	301 053.03
2044	+	0.00	0.00	23.58	0.00	414.01	49 606.81	510 982.78	10.08	13.50	144.01	270.00	209 659.75	301 323.03
2045	+	0.00	0.00	23.71	0.00	472.84	49 606.81	511 455.62	10.21	13.50	202.84	270.00	209 862.59	301 593.03
2046	+	0.00	0.00	20.24	0.00	439.50	49 606.81	511 895.12	6.74	13.50	169.50	270.00	210 032.09	301 863.03
2047	+	0.00	0.00	12.94	0.00	331.81	49 606.81	512 226.93	4.84	8.10	115.81	216.00	210 147.90	302 079.03
2048	+	0.00	0.00	3.39	0.00	163.19	49 606.81	512 390.12	0.03	3.36	48.64	114.55	210 196.54	302 193.58
2049	+	0.00	5.53	0.00	55.28	33.83	49 662.09	512 423.95	0.00	0.00	0.27	33.56	210 196.81	302 227.14
2050	+	0.00	9.48	0.00	150.06	0.00	49 812.15	512 423.95	0.00	0.00	0.00	0.00	210 196.81	302 227.14
2051	+	0.00	9.81	0.00	192.87	0.00	50 005.02	512 423.95	0.00	0.00	0.00	0.00	210 196.81	302 227.14
2052	+	0.00	9.32	0.00	191.31	-0.01	50 196.33	512 423.94	0.00	0.00	0.00	-0.01	210 196.81	302 227.13
2053	+	0.00	10.05	0.00	193.75	0.00	50 390.08	512 423.94	0.00	0.00	0.00	0.00	210 196.81	302 227.13
2053	+	9.99	10.79	0.00	104.12	-0.01	50 494.20	512 423.93	0.00	0.00	0.00	-0.01	210 196.81	302 227.12
2054	+	0.00	11.84	0.00	113.23	0.00	50 607.43	512 423.93	0.00	0.00	0.00	0.00	210 196.81	302 227.12
2055	+	0.00	14.87	0.00	267.10	0.00	50 874.53	512 423.93	0.00	0.00	0.00	0.00	210 196.81	302 227.12
2056	+	0.00	17.21	0.00	320.87	0.00	51 195.40	512 423.93	0.00	0.00	0.00	0.00	210 196.81	302 227.12
2057	+	0.00	18.01	0.00	352.27	0.00	51 547.67	512 423.93	0.00	0.00	0.00	0.00	210 196.81	302 227.12
2058	+	0.00	12.55	0.00	305.64	0.00	51 853.31	512 423.93	0.00	0.00	0.00	0.00	210 196.81	302 227.12
2059	+	0.00	6.15	0.00	186.99	0.00	52 040.30	512 423.93	0.00	0.00	0.00	0.00	210 196.81	302 227.12

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2060	+	0.00	2.31	0.42	84.57	4.14	52 124.87	512 428.07	0.02	0.40	0.18	3.96	210 196.99	302 231.08
2061	+	0.00	2.16	0.00	44.73	4.13	52 169.60	512 432.20	0.00	0.00	0.18	3.95	210 197.17	302 235.03
2062	+	0.00	3.69	0.00	58.50	0.00	52 228.10	512 432.20	0.00	0.00	0.00	0.00	210 197.17	302 235.03
2063	+	0.00	7.66	0.00	113.44	0.00	52 341.54	512 432.20	0.00	0.00	0.00	0.00	210 197.17	302 235.03
2064	+	0.00	13.28	0.00	209.40	-0.01	52 550.94	512 432.19	0.00	0.00	0.00	-0.01	210 197.17	302 235.02
2065	+	0.00	16.04	0.00	293.22	0.00	52 844.16	512 432.19	0.00	0.00	0.00	0.00	210 197.17	302 235.02
2066	+	0.00	13.32	0.00	293.54	-0.01	53 137.70	512 432.18	0.00	0.00	0.00	-0.01	210 197.17	302 235.01
2067	+	0.00	11.11	0.00	244.23	0.00	53 381.93	512 432.18	0.00	0.00	0.00	0.00	210 197.17	302 235.01
2068	+	0.00	13.39	0.00	244.93	0.00	53 626.86	512 432.18	0.00	0.00	0.00	0.00	210 197.17	302 235.01
2069	+	0.00	16.87	0.00	302.53	0.00	53 929.39	512 432.18	0.00	0.00	0.00	0.00	210 197.17	302 235.01
2070	+	0.00	22.30	0.00	391.70	0.00	54 321.09	512 432.18	0.00	0.00	0.00	0.00	210 197.17	302 235.01
2071	+	0.00	26.54	0.00	488.44	-0.01	54 809.53	512 432.17	0.00	0.00	0.00	-0.01	210 197.17	302 235.00
2072	+	0.00	29.21	0.00	557.54	0.00	55 367.07	512 432.17	0.00	0.00	0.00	0.00	210 197.17	302 235.00
2073	+	0.00	28.89	0.00	581.01	0.00	55 948.08	512 432.17	0.00	0.00	0.00	0.00	210 197.17	302 235.00
2074	+	0.00	23.65	0.00	525.42	0.00	56 473.50	512 432.17	0.00	0.00	0.00	0.00	210 197.17	302 235.00
2075	+	0.00	20.68	0.00	443.30	0.00	56 916.80	512 432.17	0.00	0.00	0.00	0.00	210 197.17	302 235.00
2076	+	0.00	19.75	0.00	404.23	0.00	57 321.03	512 432.17	0.00	0.00	0.00	0.00	210 197.17	302 235.00
2077	+	0.00	18.83	0.00	385.80	0.00	57 706.83	512 432.17	0.00	0.00	0.00	0.00	210 197.17	302 235.00
2078	+	0.00	20.97	0.00	398.00	0.00	58 104.83	512 432.17	0.00	0.00	0.00	0.00	210 197.17	302 235.00
2079	+	0.00	24.79	0.00	457.55	0.00	58 562.38	512 432.17	0.00	0.00	0.00	0.00	210 197.17	302 235.00
2080	+	0.00	31.86	0.00	566.49	0.00	59 128.87	512 432.17	0.00	0.00	0.00	0.00	210 197.17	302 235.00
2081	+	0.00	37.81	0.00	696.65	0.00	59 825.52	512 432.17	0.00	0.00	0.00	0.00	210 197.17	302 235.00
2082	+	0.00	41.60	0.00	794.08	-0.01	60 619.60	512 432.16	0.00	0.00	0.00	-0.01	210 197.17	302 234.99
2083	+	0.00	38.37	0.00	799.74	0.00	61 419.34	512 432.16	0.00	0.00	0.00	0.00	210 197.17	302 234.99
2084	+	0.00	32.63	0.00	710.01	0.00	62 129.35	512 432.16	0.00	0.00	0.00	0.00	210 197.17	302 234.99
2085	+	0.00	26.03	0.00	586.56	0.00	62 715.91	512 432.16	0.00	0.00	0.00	0.00	210 197.17	302 234.99

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2086	+	0.00	15.22	0.00	412.45	-0.01	63 128.36	512 432.15	0.00	0.00	0.00	-0.01	210 197.17	302 234.98
2087	+	0.00	9.68	0.00	248.97	0.00	63 377.33	512 432.15	0.00	0.00	0.00	0.00	210 197.17	302 234.98
2088	+	0.00	6.79	0.13	164.72	1.43	63 542.05	512 433.58	0.09	0.04	0.95	0.48	210 198.12	302 235.46
2088	+	14.47	2.47	4.20	67.03	31.43	63 609.08	512 465.01	1.82	2.38	13.88	17.55	210 212.00	302 253.01
2092	+	6.94	0.00	0.00	89.56	152.28	63 698.64	512 617.29	0.00	0.00	66.10	86.18	210 278.10	302 339.19
2093	+	0.00	3.50	0.30	22.84	1.96	63 721.48	512 619.25	0.20	0.10	1.33	0.63	210 279.43	302 339.82
2094	+	0.00	1.12	1.91	46.20	22.22	63 767.68	512 641.47	1.33	0.58	15.38	6.84	210 294.81	302 346.66
2095	+	0.00	0.90	0.46	20.20	23.84	63 787.88	512 665.31	0.05	0.41	13.84	10.00	210 308.65	302 356.66
2096	+	0.00	5.49	0.00	63.90	4.66	63 851.78	512 669.97	0.00	0.00	0.51	4.15	210 309.16	302 360.81
2097	+	0.00	22.55	0.00	280.38	0.01	64 132.16	512 669.98	0.00	0.00	0.00	0.01	210 309.16	302 360.82
2098	+	0.00	42.43	0.00	649.82	0.00	64 781.98	512 669.98	0.00	0.00	0.00	0.00	210 309.16	302 360.82
2099	+	0.00	56.20	0.00	986.36	0.00	65 768.34	512 669.98	0.00	0.00	0.00	0.00	210 309.16	302 360.82
2100	+	0.00	61.83	0.00	1 180.36	0.00	66 948.70	512 669.98	0.00	0.00	0.00	0.00	210 309.16	302 360.82
2100	+	18.63	59.09	0.00	1 126.67	0.00	68 075.37	512 669.98	0.00	0.00	0.00	0.00	210 309.16	302 360.82
2101	+	0.00	58.94	0.00	80.60	0.00	68 155.97	512 669.98	0.00	0.00	0.00	0.00	210 309.16	302 360.82
2102	+	0.00	53.90	0.00	1 128.43	0.00	69 284.40	512 669.98	0.00	0.00	0.00	0.00	210 309.16	302 360.82
2103	+	0.00	42.20	0.00	960.32	0.00	70 244.72	512 669.98	0.00	0.00	0.00	0.00	210 309.16	302 360.82
2103	+	16.63	36.35	0.00	652.16	0.00	70 896.88	512 669.98	0.00	0.00	0.00	0.00	210 309.16	302 360.82
2104	+	0.00	33.53	0.00	117.59	-0.01	71 014.47	512 669.97	0.00	0.00	0.00	-0.01	210 309.16	302 360.81
2105	+	0.00	25.70	0.00	590.78	0.00	71 605.25	512 669.97	0.00	0.00	0.00	0.00	210 309.16	302 360.81
2106	+	0.00	18.07	0.00	436.48	0.00	72 041.73	512 669.97	0.00	0.00	0.00	0.00	210 309.16	302 360.81
2107	+	0.00	15.00	0.00	329.59	-0.01	72 371.32	512 669.96	0.00	0.00	0.00	-0.01	210 309.16	302 360.80
2108	+	0.00	14.75	0.00	296.26	-0.01	72 667.58	512 669.95	0.00	0.00	0.00	-0.01	210 309.16	302 360.79
2109	+	0.00	11.34	0.00	259.78	0.00	72 927.36	512 669.95	0.00	0.00	0.00	0.00	210 309.16	302 360.79
2110	+	0.00	6.86	0.00	180.99	0.03	73 108.35	512 669.98	0.00	0.00	0.00	0.03	210 309.16	302 360.82
2111	+	0.00	6.74	0.02	135.01	0.24	73 243.36	512 670.22	0.00	0.02	0.02	0.22	210 309.18	302 361.04

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2112	+	0.00	3.91	0.61	105.69	6.53	73 349.05	512 676.75	0.06	0.55	0.67	5.86	210 309.85	302 366.90
2113	+	0.00	5.27	0.31	91.02	9.37	73 440.07	512 686.12	0.04	0.27	1.02	8.35	210 310.87	302 375.25
2113	+	4.51	6.33	0.14	26.13	0.99	73 466.20	512 687.11	0.02	0.12	0.12	0.87	210 310.99	302 376.12
2114	+	0.00	5.27	0.16	89.20	2.24	73 555.40	512 689.35	0.02	0.14	0.26	1.98	210 311.25	302 378.10
2115	+	0.00	6.32	0.00	115.16	1.54	73 670.56	512 690.89	0.00	0.00	0.18	1.36	210 311.43	302 379.46
2116	+	0.00	5.91	0.00	121.69	-0.01	73 792.25	512 690.88	0.00	0.00	0.00	-0.01	210 311.43	302 379.45
2117	+	0.00	3.52	0.01	93.76	0.08	73 886.01	512 690.96	0.00	0.01	0.00	0.08	210 311.43	302 379.53
2118	+	0.00	1.70	0.36	51.81	3.81	73 937.82	512 694.77	0.01	0.35	0.10	3.71	210 311.53	302 383.24
2119	+	0.00	1.25	0.99	29.17	13.72	73 966.99	512 708.49	0.04	0.95	0.52	13.20	210 312.05	302 396.44
2120	+	0.00	0.59	0.47	18.13	14.70	73 985.12	512 723.19	0.02	0.45	0.58	14.12	210 312.63	302 410.56
2121	+	0.00	0.01	1.21	5.91	16.87	73 991.03	512 740.06	0.04	1.17	0.57	16.30	210 313.20	302 426.86
2122	+	0.00	0.23	1.44	2.41	26.64	73 993.44	512 766.70	0.11	1.33	1.49	25.15	210 314.69	302 452.01
2122	+	12.38	0.31	1.37	3.34	17.54	73 996.78	512 784.24	0.11	1.26	1.38	16.16	210 316.07	302 468.17
2123	+	0.00	0.06	1.82	1.39	12.28	73 998.17	512 796.52	0.23	1.59	1.32	10.96	210 317.39	302 479.13
2124	+	0.00	0.06	1.36	1.11	31.89	73 999.28	512 828.41	0.07	1.29	2.97	28.92	210 320.36	302 508.05
2125	+	0.00	0.49	0.53	5.42	18.84	74 004.70	512 847.25	0.03	0.50	0.93	17.91	210 321.29	302 525.96
2125	+	10.38	0.45	0.46	4.84	5.11	74 009.54	512 852.36	0.01	0.45	0.21	4.90	210 321.50	302 530.86
2126	+	0.00	0.70	0.55	5.52	4.86	74 015.06	512 857.22	0.04	0.51	0.26	4.60	210 321.76	302 535.46
2127	+	0.00	0.98	0.01	16.80	5.63	74 031.86	512 862.85	0.00	0.01	0.42	5.21	210 322.18	302 540.67
2128	+	0.00	1.50	0.00	24.74	0.08	74 056.60	512 862.93	0.00	0.00	0.01	0.07	210 322.19	302 540.74
2129	+	0.00	2.98	0.00	44.73	0.00	74 101.33	512 862.93	0.00	0.00	0.00	0.00	210 322.19	302 540.74
2130	+	0.00	3.18	0.00	61.55	0.00	74 162.88	512 862.93	0.00	0.00	0.00	0.00	210 322.19	302 540.74
2131	+	0.00	1.04	0.00	42.13	0.00	74 205.01	512 862.93	0.00	0.00	0.00	0.00	210 322.19	302 540.74
2132	+	0.00	0.07	1.32	11.06	13.22	74 216.07	512 876.15	0.04	1.28	0.42	12.80	210 322.61	302 553.54
2133	+	0.00	0.01	2.30	0.75	36.15	74 216.82	512 912.30	0.02	2.28	0.62	35.53	210 323.23	302 589.07
2134	+	0.00	0.04	2.37	0.45	46.64	74 217.27	512 958.94	0.08	2.29	0.96	45.68	210 324.19	302 634.75

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2135	+	0.00	0.04	1.55	0.77	39.19	74 218.04	512 998.13	0.04	1.51	1.14	38.05	210 325.33	302 672.80
2136	+	0.00	0.00	2.08	0.37	36.24	74 218.41	513 034.37	0.02	2.06	0.54	35.70	210 325.87	302 708.50
2137	+	0.00	0.00	4.77	0.00	68.39	74 218.41	513 102.76	0.16	4.61	1.74	66.65	210 327.61	302 775.15
2138	+	0.00	0.00	9.90	0.00	146.58	74 218.41	513 249.34	1.95	7.95	21.03	125.55	210 348.64	302 900.70
2139	+	0.00	0.00	17.43	0.00	273.21	74 218.41	513 522.55	3.93	13.50	58.72	214.49	210 407.36	303 115.19
2140	+	0.00	0.00	24.88	0.00	423.09	74 218.41	513 945.64	11.38	13.50	153.09	270.00	210 560.45	303 385.19
2141	+	0.00	0.00	32.24	0.00	571.22	74 218.41	514 516.86	18.74	13.50	301.22	270.00	210 861.67	303 655.19
2142	+	0.00	0.00	35.15	0.00	673.94	74 218.41	515 190.80	21.65	13.50	403.94	270.00	211 265.61	303 925.19
2143	+	0.00	0.00	27.98	0.00	631.39	74 218.41	515 822.19	14.55	13.43	362.08	269.31	211 627.69	304 194.50
2144	+	0.00	0.00	29.19	0.00	571.79	74 218.41	516 393.98	15.69	13.50	302.48	269.31	211 930.17	304 463.81
2145	+	0.00	0.00	28.17	0.00	573.64	74 218.41	516 967.62	14.67	13.50	303.64	270.00	212 233.81	304 733.81
2146	+	0.00	0.00	23.40	0.00	515.75	74 218.41	517 483.37	9.90	13.50	245.75	270.00	212 479.56	305 003.81
2147	+	0.00	0.00	13.49	0.00	368.96	74 218.41	517 852.33	0.88	12.61	107.88	261.08	212 587.44	305 264.89
2148	+	0.00	5.26	0.00	52.62	134.93	74 271.03	517 987.26	0.00	0.00	8.85	126.08	212 596.29	305 390.97
2149	+	0.00	17.46	0.00	227.21	0.00	74 498.24	517 987.26	0.00	0.00	0.00	0.00	212 596.29	305 390.97
2150	+	0.00	27.06	0.00	445.15	0.00	74 943.39	517 987.26	0.00	0.00	0.00	0.00	212 596.29	305 390.97
2151	+	0.00	31.76	0.00	588.13	0.00	75 531.52	517 987.26	0.00	0.00	0.00	0.00	212 596.29	305 390.97
2152	+	0.00	29.63	0.00	613.85	0.00	76 145.37	517 987.26	0.00	0.00	0.00	0.00	212 596.29	305 390.97
2153	+	0.00	28.36	0.00	579.86	0.00	76 725.23	517 987.26	0.00	0.00	0.00	0.00	212 596.29	305 390.97
2154	+	0.00	23.62	0.00	519.74	0.00	77 244.97	517 987.26	0.00	0.00	0.00	0.00	212 596.29	305 390.97
2155	+	0.00	20.73	0.00	443.43	0.00	77 688.40	517 987.26	0.00	0.00	0.00	0.00	212 596.29	305 390.97
2156	+	0.00	17.01	0.00	377.39	0.00	78 065.79	517 987.26	0.00	0.00	0.00	0.00	212 596.29	305 390.97
2157	+	0.00	12.97	0.00	299.79	0.00	78 365.58	517 987.26	0.00	0.00	0.00	0.00	212 596.29	305 390.97
2158	+	0.00	9.43	0.00	223.94	0.00	78 589.52	517 987.26	0.00	0.00	0.00	0.00	212 596.29	305 390.97
2159	+	0.00	4.28	0.00	137.09	0.00	78 726.61	517 987.26	0.00	0.00	0.00	0.00	212 596.29	305 390.97
2160	+	0.00	1.73	0.00	60.16	0.01	78 786.77	517 987.27	0.00	0.00	0.00	0.01	212 596.29	305 390.98

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2161	+	0.00	0.24	1.13	19.72	11.28	78 806.49	517 998.55	0.00	1.13	0.01	11.27	212 596.30	305 402.25
2162	+	0.00	0.00	3.91	2.37	50.41	78 808.86	518 048.96	0.09	3.82	0.96	49.45	212 597.26	305 451.70
2163	+	0.00	0.00	4.81	0.00	87.31	78 808.86	518 136.27	0.09	4.72	1.88	85.43	212 599.14	305 537.13
2164	+	0.00	0.00	4.64	0.00	94.57	78 808.86	518 230.84	0.13	4.51	2.28	92.29	212 601.42	305 629.42
2165	+	0.00	0.00	2.31	0.00	69.46	78 808.86	518 300.30	0.01	2.30	1.43	68.03	212 602.85	305 697.45
2166	+	0.00	0.92	0.48	9.24	27.86	78 818.10	518 328.16	0.00	0.48	0.09	27.77	212 602.94	305 725.22
2167	+	0.00	0.58	0.36	15.01	8.38	78 833.11	518 336.54	0.00	0.36	0.03	8.35	212 602.97	305 733.57
2168	+	0.00	1.23	0.19	18.05	5.44	78 851.16	518 341.98	0.00	0.19	0.03	5.41	212 603.00	305 738.98
2169	+	0.00	2.76	0.00	39.88	1.85	78 891.04	518 343.83	0.00	0.00	0.00	1.85	212 603.00	305 740.83
2170	+	0.00	4.35	0.00	71.11	0.00	78 962.15	518 343.83	0.00	0.00	0.00	0.00	212 603.00	305 740.83
2171	+	0.00	5.17	0.00	95.24	0.00	79 057.39	518 343.83	0.00	0.00	0.00	0.00	212 603.00	305 740.83
2172	+	0.00	5.95	0.00	111.28	-0.01	79 168.67	518 343.82	0.00	0.00	0.00	-0.01	212 603.00	305 740.82
2173	+	0.00	7.15	0.00	131.07	-0.01	79 299.74	518 343.81	0.00	0.00	0.00	-0.01	212 603.00	305 740.81
2174	+	0.00	4.89	0.00	120.38	0.00	79 420.12	518 343.81	0.00	0.00	0.00	0.00	212 603.00	305 740.81
2175	+	0.00	6.27	0.00	111.59	0.00	79 531.71	518 343.81	0.00	0.00	0.00	0.00	212 603.00	305 740.81
2176	+	0.00	5.68	0.00	119.59	0.00	79 651.30	518 343.81	0.00	0.00	0.00	0.00	212 603.00	305 740.81
2177	+	0.00	6.95	0.00	126.35	-0.01	79 777.65	518 343.80	0.00	0.00	0.00	-0.01	212 603.00	305 740.80
2178	+	0.00	7.06	0.00	140.10	-0.01	79 917.75	518 343.79	0.00	0.00	0.00	-0.01	212 603.00	305 740.79
2179	+	0.00	8.63	0.00	156.87	-0.01	80 074.62	518 343.78	0.00	0.00	0.00	-0.01	212 603.00	305 740.78
2180	+	0.00	8.53	0.00	171.54	0.00	80 246.16	518 343.78	0.00	0.00	0.00	0.00	212 603.00	305 740.78
2181	+	0.00	7.80	0.00	163.23	0.00	80 409.39	518 343.78	0.00	0.00	0.00	0.00	212 603.00	305 740.78
2182	+	0.00	7.61	0.00	154.02	0.00	80 563.41	518 343.78	0.00	0.00	0.00	0.00	212 603.00	305 740.78
2183	+	0.00	6.08	0.00	136.88	0.00	80 700.29	518 343.78	0.00	0.00	0.00	0.00	212 603.00	305 740.78
2184	+	0.00	4.57	0.00	106.52	-0.01	80 806.81	518 343.77	0.00	0.00	0.00	-0.01	212 603.00	305 740.77
2185	+	0.00	1.14	0.00	57.10	0.00	80 863.91	518 343.77	0.00	0.00	0.00	0.00	212 603.00	305 740.77
2186	+	0.00	0.18	0.75	13.17	7.41	80 877.08	518 351.18	0.01	0.74	0.05	7.36	212 603.05	305 748.13

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2187	+	0.00	0.15	1.89	3.28	26.31	80 880.36	518 377.49	0.03	1.86	0.33	25.98	212 603.38	305 774.11
2188	+	0.00	0.00	3.28	1.52	51.69	80 881.88	518 429.18	0.10	3.18	1.25	50.44	212 604.63	305 824.55
2189	+	0.00	0.00	1.70	0.00	49.71	80 881.88	518 478.89	0.01	1.69	1.02	48.69	212 605.65	305 873.24
2190	+	0.00	0.00	1.63	0.04	33.21	80 881.92	518 512.10	0.01	1.62	0.14	33.07	212 605.79	305 906.31
2191	+	0.00	0.00	2.95	0.04	45.78	80 881.96	518 557.88	0.05	2.90	0.60	45.18	212 606.39	305 951.49
2192	+	0.00	0.00	7.11	0.00	100.64	80 881.96	518 658.52	0.44	6.67	4.91	95.73	212 611.30	306 047.22
2193	+	0.00	0.00	14.01	0.00	211.15	80 881.96	518 869.67	1.40	12.61	18.36	192.79	212 629.66	306 240.01
2194	+	0.00	0.00	20.75	0.00	347.52	80 881.96	519 217.19	7.25	13.50	86.47	261.05	212 716.13	306 501.06
2195	+	0.00	0.00	26.11	0.00	468.61	80 881.96	519 685.80	12.61	13.50	198.61	270.00	212 914.74	306 771.06
2196	+	0.00	0.00	27.54	0.00	536.54	80 881.96	520 222.34	14.04	13.50	266.54	270.00	213 181.28	307 041.06
2197	+	0.00	0.00	27.12	0.00	546.67	80 881.96	520 769.01	13.62	13.50	276.67	270.00	213 457.95	307 311.06
2198	+	0.00	0.00	24.29	0.00	514.10	80 881.96	521 283.11	10.79	13.50	244.10	270.00	213 702.05	307 581.06
2199	+	0.00	0.00	20.29	0.00	445.81	80 881.96	521 728.92	6.79	13.50	175.81	270.00	213 877.86	307 851.06
2200	+	0.00	0.00	21.14	0.00	414.34	80 881.96	522 143.26	7.64	13.50	144.34	270.00	214 022.20	308 121.06
2201	+	0.00	0.00	20.62	0.00	417.63	80 881.96	522 560.89	7.12	13.50	147.63	270.00	214 169.83	308 391.06
2202	+	0.00	0.00	19.91	0.00	405.34	80 881.96	522 966.23	6.41	13.50	135.34	270.00	214 305.17	308 661.06
2203	+	0.00	0.00	17.92	0.00	378.30	80 881.96	523 344.53	4.42	13.50	108.30	270.00	214 413.47	308 931.06
2204	+	0.00	0.00	17.92	0.00	358.39	80 881.96	523 702.92	4.45	13.47	88.69	269.70	214 502.16	309 200.76
2205	+	0.00	0.00	13.91	0.00	318.33	80 881.96	524 021.25	1.58	12.33	60.31	258.02	214 562.47	309 458.78
2206	+	0.00	0.00	8.95	0.00	228.60	80 881.96	524 249.85	1.13	7.82	27.10	201.50	214 589.57	309 660.28
2207	+	0.00	0.00	8.75	0.00	177.01	80 881.96	524 426.86	0.86	7.89	19.94	157.07	214 609.51	309 817.35
2208	+	0.00	0.00	7.67	0.00	164.20	80 881.96	524 591.06	0.44	7.23	13.05	151.15	214 622.56	309 968.50
2209	+	0.00	0.00	7.27	0.00	149.31	80 881.96	524 740.37	0.37	6.90	8.05	141.26	214 630.61	310 109.76
2210	+	0.00	0.00	8.77	0.00	160.40	80 881.96	524 900.77	1.05	7.72	14.19	146.21	214 644.80	310 255.97
2211	+	0.00	0.00	8.97	0.00	177.39	80 881.96	525 078.16	1.00	7.97	20.53	156.86	214 665.33	310 412.83
2212	+	0.00	0.00	10.50	0.00	194.62	80 881.96	525 272.78	2.40	8.10	33.97	160.65	214 699.30	310 573.48

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2213	+	0.00	0.00	11.16	0.00	216.59	80 881.96	525 489.37	3.06	8.10	54.59	162.00	214 753.89	310 735.48
2214	+	0.00	0.00	12.32	0.00	234.76	80 881.96	525 724.13	4.22	8.10	72.76	162.00	214 826.65	310 897.48
2215	+	0.00	0.00	14.97	0.00	272.84	80 881.96	525 996.97	6.87	8.10	110.84	162.00	214 937.49	311 059.48
2216	+	0.00	0.00	16.28	0.00	312.46	80 881.96	526 309.43	2.78	13.50	96.46	216.00	215 033.95	311 275.48
2217	+	0.00	0.00	18.89	0.00	351.66	80 881.96	526 661.09	5.39	13.50	81.66	270.00	215 115.61	311 545.48
2218	+	0.00	0.00	23.25	0.00	421.40	80 881.96	527 082.49	9.75	13.50	151.40	270.00	215 267.01	311 815.48
2219	+	0.00	0.00	24.93	0.00	481.84	80 881.96	527 564.33	11.43	13.50	211.84	270.00	215 478.85	312 085.48
2220	+	0.00	0.00	27.83	0.00	527.65	80 881.96	528 091.98	14.33	13.50	257.65	270.00	215 736.50	312 355.48
2221	+	0.00	0.00	26.39	0.00	542.23	80 881.96	528 634.21	12.89	13.50	272.23	270.00	216 008.73	312 625.48
2222	+	0.00	0.00	25.09	0.00	514.77	80 881.96	529 148.98	11.59	13.50	244.77	270.00	216 253.50	312 895.48
2223	+	0.00	0.00	24.50	0.00	495.92	80 881.96	529 644.90	11.00	13.50	225.92	270.00	216 479.42	313 165.48
2224	+	0.00	0.00	20.70	0.00	452.01	80 881.96	530 096.91	7.20	13.50	182.01	270.00	216 661.43	313 435.48
2225	+	0.00	0.00	20.99	0.00	416.86	80 881.96	530 513.77	7.49	13.50	146.86	270.00	216 808.29	313 705.48
2226	+	0.00	0.00	19.21	0.00	402.03	80 881.96	530 915.80	5.71	13.50	132.03	270.00	216 940.32	313 975.48
2227	+	0.00	0.00	18.27	0.00	374.81	80 881.96	531 290.61	4.77	13.50	104.81	270.00	217 045.13	314 245.48
2228	+	0.00	0.00	16.21	0.00	344.82	80 881.96	531 635.43	2.71	13.50	74.82	270.00	217 119.95	314 515.48
2229	+	0.00	0.00	14.82	0.00	310.31	80 881.96	531 945.74	6.72	8.10	94.31	216.00	217 214.26	314 731.48
2230	+	0.00	0.00	14.54	0.00	293.54	80 881.96	532 239.28	6.44	8.10	131.54	162.00	217 345.80	314 893.48
2231	+	0.00	0.00	13.00	0.00	275.40	80 881.96	532 514.68	4.90	8.10	113.40	162.00	217 459.20	315 055.48
2232	+	0.00	0.00	10.41	0.00	234.14	80 881.96	532 748.82	2.31	8.10	72.14	162.00	217 531.34	315 217.48
2233	+	0.00	0.00	10.75	0.00	211.62	80 881.96	532 960.44	2.65	8.10	49.62	162.00	217 580.96	315 379.48
2234	+	0.00	0.00	11.12	0.00	218.75	80 881.96	533 179.19	3.02	8.10	56.75	162.00	217 637.71	315 541.48
2235	+	0.00	0.00	13.12	0.00	242.49	80 881.96	533 421.68	5.02	8.10	80.49	162.00	217 718.20	315 703.48
2236	+	0.00	0.00	13.20	0.00	263.28	80 881.96	533 684.96	5.10	8.10	101.28	162.00	217 819.48	315 865.48
2237	+	0.00	0.00	15.19	0.00	283.98	80 881.96	533 968.94	7.09	8.10	121.98	162.00	217 941.46	316 027.48
2238	+	0.00	0.00	22.32	0.00	375.13	80 881.96	534 344.07	8.82	13.50	159.13	216.00	218 100.59	316 243.48

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2239	+	0.00	0.00	23.81	0.00	461.28	80 881.96	534 805.35	10.31	13.50	191.28	270.00	218 291.87	316 513.48
2240	+	0.00	0.00	28.05	0.00	518.61	80 881.96	535 323.96	14.55	13.50	248.61	270.00	218 540.48	316 783.48
2241	+	0.00	0.00	30.14	0.00	581.93	80 881.96	535 905.89	16.64	13.50	311.93	270.00	218 852.41	317 053.48
2242	+	0.00	0.00	29.46	0.00	595.98	80 881.96	536 501.87	15.96	13.50	325.98	270.00	219 178.39	317 323.48
2242	+	9.41	0.00	26.69	0.00	264.21	80 881.96	536 766.08	13.19	13.50	137.15	127.06	219 315.54	317 450.54
2243	+	0.00	0.00	26.25	0.00	280.28	80 881.96	537 046.36	12.75	13.50	137.34	142.94	219 452.88	317 593.48
2244	+	0.00	0.00	18.93	0.00	451.84	80 881.96	537 498.20	5.43	13.50	181.84	270.00	219 634.72	317 863.48
2245	+	0.00	0.00	10.15	0.00	290.95	80 881.96	537 789.15	2.83	7.32	82.77	208.18	219 717.49	318 071.66
2245	+	7.41	0.00	4.11	0.00	52.86	80 881.96	537 842.01	0.29	3.82	11.57	41.29	219 729.06	318 112.95
2246	+	0.00	0.63	0.73	3.95	30.70	80 885.91	537 872.71	0.07	0.66	2.34	28.36	219 731.40	318 141.31
2246	+	2.39	0.64	0.98	1.52	2.06	80 887.43	537 874.77	0.15	0.83	0.27	1.79	219 731.67	318 143.10
2246	+	17.36	2.02	0.13	19.82	8.43	80 907.25	537 883.20	0.01	0.12	1.22	7.21	219 732.89	318 150.31
2247	+	0.00	1.90	0.09	5.17	0.28	80 912.42	537 883.48	0.00	0.09	0.01	0.27	219 732.90	318 150.58
2248	+	0.00	1.42	0.40	32.93	4.83	80 945.35	537 888.31	0.00	0.40	0.04	4.79	219 732.94	318 155.37
2249	+	0.00	5.49	0.00	68.98	3.93	81 014.33	537 892.24	0.00	0.00	0.00	3.93	219 732.94	318 159.30
2249	+	15.36	8.08	0.00	104.22	-0.01	81 118.55	537 892.23	0.00	0.00	0.00	-0.01	219 732.94	318 159.29
2250	+	0.00	9.60	0.00	41.03	0.00	81 159.58	537 892.23	0.00	0.00	0.00	0.00	219 732.94	318 159.29
2251	+	0.00	12.52	0.00	221.21	-0.01	81 380.79	537 892.22	0.00	0.00	0.00	-0.01	219 732.94	318 159.28
2252	+	0.00	9.08	0.00	216.05	-0.01	81 596.84	537 892.21	0.00	0.00	0.00	-0.01	219 732.94	318 159.27
2253	+	0.00	13.68	0.00	227.65	-0.01	81 824.49	537 892.20	0.00	0.00	0.00	-0.01	219 732.94	318 159.26
2254	+	0.00	7.09	0.00	207.71	0.00	82 032.20	537 892.20	0.00	0.00	0.00	0.00	219 732.94	318 159.26
2254	+	4.99	4.61	0.00	29.17	0.00	82 061.37	537 892.20	0.00	0.00	0.00	0.00	219 732.94	318 159.26
2255	+	0.00	2.41	1.85	52.69	13.92	82 114.06	537 906.12	0.05	1.80	0.41	13.51	219 733.35	318 172.77
2256	+	0.00	0.00	1.55	23.97	34.22	82 138.03	537 940.34	0.08	1.47	1.35	32.87	219 734.70	318 205.64
2257	+	0.00	0.00	12.15	0.02	137.51	82 138.05	538 077.85	4.40	7.75	45.20	92.31	219 779.90	318 297.95
2257	+	2.99	0.00	14.25	0.00	39.43	82 138.05	538 117.28	6.32	7.93	16.02	23.41	219 795.92	318 321.36

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2258	+	0.00	0.00	33.46	0.00	406.40	82 138.05	538 523.68	19.96	13.50	224.06	182.34	220 019.98	318 503.70
2259	+	0.00	0.00	35.77	0.00	691.70	82 138.05	539 215.38	22.27	13.50	421.70	270.00	220 441.68	318 773.70
2260	+	0.00	0.00	3.04	0.00	387.71	82 138.05	539 603.09	0.27	2.77	224.84	162.87	220 666.52	318 936.57
2260	+	4.28	0.79	2.82	1.68	12.51	82 139.73	539 615.60	0.31	2.51	1.24	11.27	220 667.76	318 947.84
2261	+	0.00	0.00	17.78	6.11	163.96	82 145.84	539 779.56	11.98	5.80	98.28	65.68	220 766.04	319 013.52
2262	+	0.00	0.00	32.45	0.00	504.72	82 145.84	540 284.28	18.95	13.50	311.45	193.27	221 077.49	319 206.79
2263	+	0.00	0.00	57.11	0.00	895.78	82 145.84	541 180.06	43.61	13.50	625.78	270.00	221 703.27	319 476.79
2263	+	5.57	0.00	55.83	0.00	314.39	82 145.84	541 494.45	42.33	13.50	239.23	75.16	221 942.50	319 551.95
2264	+	0.00	0.00	33.31	0.00	642.59	82 145.84	542 137.04	19.81	13.50	447.75	194.84	222 390.25	319 746.79
2265	+	0.00	0.00	11.95	0.00	451.73	82 145.84	542 588.77	4.55	7.40	242.73	209.00	222 632.98	319 955.79
2266	+	0.00	2.54	0.00	25.43	119.54	82 171.27	542 708.31	0.00	0.00	45.50	74.04	222 678.48	320 029.83
2266	+	3.57	6.41	0.00	15.96	0.00	82 187.23	542 708.31	0.00	0.00	0.00	0.00	222 678.48	320 029.83
2267	+	0.00	8.75	0.00	124.54	0.00	82 311.77	542 708.31	0.00	0.00	0.00	0.00	222 678.48	320 029.83
2268	+	0.00	15.83	0.00	245.77	-0.01	82 557.54	542 708.30	0.00	0.00	0.00	-0.01	222 678.48	320 029.82
2268	+	8.19	24.22	0.00	163.94	0.00	82 721.48	542 708.30	0.00	0.00	0.00	0.00	222 678.48	320 029.82
2269	+	0.00	34.44	0.00	346.47	0.00	83 067.95	542 708.30	0.00	0.00	0.00	0.00	222 678.48	320 029.82
2270	+	0.00	75.14	0.00	1 093.14	0.00	84 161.09	542 708.30	0.00	0.00	0.00	0.00	222 678.48	320 029.82
2271	+	0.00	130.35	0.00	2 039.88	0.00	86 200.97	542 708.30	0.00	0.00	0.00	0.00	222 678.48	320 029.82
2271	+	6.19	136.23	0.00	824.74	0.00	87 025.71	542 708.30	0.00	0.00	0.00	0.00	222 678.48	320 029.82
2272	+	0.00	139.28	0.00	1 879.51	0.00	88 905.22	542 708.30	0.00	0.00	0.00	0.00	222 678.48	320 029.82
2273	+	0.00	29.83	0.00	1 670.78	-0.01	90 576.00	542 708.29	0.00	0.00	0.00	-0.01	222 678.48	320 029.81
2274	+	0.00	0.63	4.50	302.35	45.55	90 878.35	542 753.84	0.88	3.62	9.00	36.55	222 687.48	320 066.36
2275	+	0.00	0.00	13.87	6.26	185.08	90 884.61	542 938.92	6.09	7.78	70.65	114.43	222 758.13	320 180.79
2275	+	16.84	0.00	19.44	0.00	281.81	90 884.61	543 220.73	6.37	13.07	106.08	175.73	222 864.21	320 356.52
2276	+	0.00	0.00	20.90	0.00	63.66	90 884.61	543 284.39	7.45	13.45	21.80	41.86	222 886.01	320 398.38
2277	+	0.00	0.00	24.94	0.00	459.76	90 884.61	543 744.15	11.44	13.50	190.24	269.52	223 076.25	320 667.90

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2278	+	0.00	0.00	28.44	0.00	535.66	90 884.61	544 279.81	14.94	13.50	265.66	270.00	223 341.91	320 937.90
2279	+	0.00	0.00	31.48	0.00	601.30	90 884.61	544 881.11	17.98	13.50	331.30	270.00	223 673.21	321 207.90
2280	+	0.00	0.00	34.17	0.00	658.67	90 884.61	545 539.78	20.67	13.50	388.67	270.00	224 061.88	321 477.90
2280	+	7.50	0.00	34.23	0.00	257.25	90 884.61	545 797.03	20.73	13.50	156.01	101.24	224 217.89	321 579.14
2281	+	0.00	0.00	33.49	0.00	424.21	90 884.61	546 221.24	19.99	13.50	255.45	168.76	224 473.34	321 747.90
2282	+	0.00	0.00	31.52	0.00	651.17	90 884.61	546 872.41	18.02	13.50	381.17	270.00	224 854.51	322 017.90
2283	+	0.00	0.00	30.65	0.00	621.63	90 884.61	547 494.04	17.15	13.50	351.63	270.00	225 206.14	322 287.90
2283	+	5.50	0.00	33.94	0.00	177.60	90 884.61	547 671.64	20.44	13.50	103.36	74.24	225 309.50	322 362.14
2284	+	0.00	0.00	33.95	0.00	492.27	90 884.61	548 163.91	20.45	13.50	296.51	195.76	225 606.01	322 557.90
2285	+	0.00	0.00	25.05	0.00	590.10	90 884.61	548 754.01	11.59	13.46	320.45	269.65	225 926.46	322 827.55
2286	+	0.00	0.00	18.85	0.00	439.04	90 884.61	549 193.05	6.75	12.10	183.42	255.62	226 109.88	323 083.17
2287	+	0.00	0.00	20.20	0.00	390.46	90 884.61	549 583.51	8.13	12.07	148.83	241.63	226 258.71	323 324.80
2288	+	0.00	0.00	25.69	0.00	458.94	90 884.61	550 042.45	12.22	13.47	203.55	255.39	226 462.26	323 580.19
2289	+	0.00	0.00	26.44	0.00	521.39	90 884.61	550 563.84	12.94	13.50	251.66	269.73	226 713.92	323 849.92
2290	+	0.00	0.00	17.90	0.00	443.49	90 884.61	551 007.33	9.80	8.10	227.49	216.00	226 941.41	324 065.92
2291	+	0.00	0.00	10.04	0.00	279.49	90 884.61	551 286.82	2.33	7.71	121.39	158.10	227 062.80	324 224.02
2292	+	0.00	0.00	2.29	0.00	123.33	90 884.61	551 410.15	0.01	2.28	23.40	99.93	227 086.20	324 323.95
2293	+	0.00	1.77	0.56	17.74	28.51	90 902.35	551 438.66	0.00	0.56	0.07	28.44	227 086.27	324 352.39
2294	+	0.00	7.21	0.00	89.81	5.61	90 992.16	551 444.27	0.00	0.00	0.01	5.60	227 086.28	324 357.99
2295	+	0.00	10.57	0.00	177.79	0.00	91 169.95	551 444.27	0.00	0.00	0.00	0.00	227 086.28	324 357.99
2296	+	0.00	13.08	0.00	236.56	0.00	91 406.51	551 444.27	0.00	0.00	0.00	0.00	227 086.28	324 357.99
2297	+	0.00	12.99	0.00	260.77	-0.01	91 667.28	551 444.26	0.00	0.00	0.00	-0.01	227 086.28	324 357.98
2298	+	0.00	13.60	0.00	265.89	-0.01	91 933.17	551 444.25	0.00	0.00	0.00	-0.01	227 086.28	324 357.97
2299	+	0.00	12.36	0.00	259.52	-0.01	92 192.69	551 444.24	0.00	0.00	0.00	-0.01	227 086.28	324 357.96
2300	+	0.00	8.56	0.00	209.12	0.00	92 401.81	551 444.24	0.00	0.00	0.00	0.00	227 086.28	324 357.96
2301	+	0.00	3.83	0.00	123.83	0.00	92 525.64	551 444.24	0.00	0.00	0.00	0.00	227 086.28	324 357.96

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2302	+	0.00	0.04	2.25	38.71	22.56	92 564.35	551 466.80	0.02	2.23	0.20	22.36	227 086.48	324 380.32
2302	+	4.68	0.06	3.41	0.23	13.25	92 564.58	551 480.05	0.04	3.37	0.15	13.10	227 086.63	324 393.42
2303	+	0.00	0.00	10.37	0.42	105.64	92 565.00	551 585.69	2.82	7.55	21.97	83.67	227 108.60	324 477.09
2304	+	0.00	0.00	19.71	0.00	300.87	92 565.00	551 886.56	6.21	13.50	90.36	210.51	227 198.96	324 687.60
2305	+	0.00	0.00	30.17	0.00	498.86	92 565.00	552 385.42	16.67	13.50	228.86	270.00	227 427.82	324 957.60
2306	+	0.00	0.00	39.69	0.00	698.62	92 565.00	553 084.04	26.19	13.50	428.62	270.00	227 856.44	325 227.60
2307	+	0.00	0.00	45.11	0.00	848.00	92 565.00	553 932.04	31.61	13.50	578.00	270.00	228 434.44	325 497.60
2307	+	19.90	0.00	34.24	0.00	789.53	92 565.00	554 721.57	20.74	13.50	520.89	268.64	228 955.33	325 766.24
2308	+	0.00	0.00	34.26	0.00	3.44	92 565.00	554 725.01	20.76	13.50	2.08	1.36	228 957.41	325 767.60
2309	+	0.00	0.00	28.87	0.00	631.32	92 565.00	555 356.33	15.37	13.50	361.32	270.00	229 318.73	326 037.60
2310	+	0.00	0.00	12.77	0.00	416.41	92 565.00	555 772.74	1.22	11.55	165.89	250.52	229 484.62	326 288.12
2311	+	0.00	5.89	0.00	58.94	127.69	92 623.94	555 900.43	0.00	0.00	12.17	115.52	229 496.79	326 403.64
2312	+	0.00	20.57	0.00	264.64	-0.01	92 888.58	555 900.42	0.00	0.00	0.00	-0.01	229 496.79	326 403.63
2313	+	0.00	27.95	0.00	485.24	0.00	93 373.82	555 900.42	0.00	0.00	0.00	0.00	229 496.79	326 403.63
2313	+	15.12	30.74	0.00	443.82	0.00	93 817.64	555 900.42	0.00	0.00	0.00	0.00	229 496.79	326 403.63
2314	+	0.00	31.19	0.00	150.99	0.00	93 968.63	555 900.42	0.00	0.00	0.00	0.00	229 496.79	326 403.63
2315	+	0.00	35.60	0.00	667.87	0.00	94 636.50	555 900.42	0.00	0.00	0.00	0.00	229 496.79	326 403.63
2316	+	0.00	34.05	0.00	696.52	0.00	95 333.02	555 900.42	0.00	0.00	0.00	0.00	229 496.79	326 403.63
2317	+	0.00	33.77	0.00	678.21	0.00	96 011.23	555 900.42	0.00	0.00	0.00	0.00	229 496.79	326 403.63
2318	+	0.00	31.90	0.00	656.66	0.00	96 667.89	555 900.42	0.00	0.00	0.00	0.00	229 496.79	326 403.63
2319	+	0.00	26.86	0.00	587.55	0.00	97 255.44	555 900.42	0.00	0.00	0.00	0.00	229 496.79	326 403.63
2320	+	0.00	23.05	0.00	499.11	0.00	97 754.55	555 900.42	0.00	0.00	0.00	0.00	229 496.79	326 403.63
2321	+	0.00	20.25	0.00	433.06	0.00	98 187.61	555 900.42	0.00	0.00	0.00	0.00	229 496.79	326 403.63
2322	+	0.00	14.71	0.00	349.65	0.00	98 537.26	555 900.42	0.00	0.00	0.00	0.00	229 496.79	326 403.63
2323	+	0.00	12.50	0.00	272.06	0.00	98 809.32	555 900.42	0.00	0.00	0.00	0.00	229 496.79	326 403.63
2324	+	0.00	10.41	0.00	229.02	0.00	99 038.34	555 900.42	0.00	0.00	0.00	0.00	229 496.79	326 403.63

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2325	+	0.00	7.77	0.00	181.81	-0.01	99 220.15	555 900.41	0.00	0.00	0.00	-0.01	229 496.79	326 403.62
2326	+	0.00	5.89	0.00	136.64	0.00	99 356.79	555 900.41	0.00	0.00	0.00	0.00	229 496.79	326 403.62
2327	+	0.00	5.18	0.00	110.72	-0.01	99 467.51	555 900.40	0.00	0.00	0.00	-0.01	229 496.79	326 403.61
2328	+	0.00	3.05	0.00	82.34	0.00	99 549.85	555 900.40	0.00	0.00	0.00	0.00	229 496.79	326 403.61
2329	+	0.00	2.12	0.00	51.71	0.00	99 601.56	555 900.40	0.00	0.00	0.00	0.00	229 496.79	326 403.61
2330	+	0.00	0.55	0.67	26.74	6.68	99 628.30	555 907.08	0.04	0.63	0.37	6.31	229 497.16	326 409.92
2331	+	0.00	0.27	0.85	8.22	15.16	99 636.52	555 922.24	0.04	0.81	0.76	14.40	229 497.92	326 424.32
2332	+	0.00	0.10	1.21	3.65	20.52	99 640.17	555 942.76	0.03	1.18	0.64	19.88	229 498.56	326 444.20
2333	+	0.00	0.48	1.40	5.78	26.05	99 645.95	555 968.81	0.04	1.36	0.62	25.43	229 499.18	326 469.63
2334	+	0.00	0.80	0.67	12.82	20.70	99 658.77	555 989.51	0.01	0.66	0.42	20.28	229 499.60	326 489.91
2335	+	0.00	0.76	0.37	15.59	10.37	99 674.36	555 999.88	0.00	0.37	0.06	10.31	229 499.66	326 500.22
2336	+	0.00	1.08	0.09	18.33	4.56	99 692.69	556 004.44	0.00	0.09	0.00	4.56	229 499.66	326 504.78
2337	+	0.00	1.95	0.00	30.28	0.90	99 722.97	556 005.34	0.00	0.00	0.00	0.90	229 499.66	326 505.68
2338	+	0.00	3.13	0.00	50.86	0.00	99 773.83	556 005.34	0.00	0.00	0.00	0.00	229 499.66	326 505.68
2339	+	0.00	3.79	0.00	69.20	0.00	99 843.03	556 005.34	0.00	0.00	0.00	0.00	229 499.66	326 505.68
2340	+	0.00	4.70	0.00	84.84	0.00	99 927.87	556 005.34	0.00	0.00	0.00	0.00	229 499.66	326 505.68
2341	+	0.00	4.83	0.00	95.23	0.00	100 023.10	556 005.34	0.00	0.00	0.00	0.00	229 499.66	326 505.68
2342	+	0.00	5.46	0.00	102.81	0.00	100 125.91	556 005.34	0.00	0.00	0.00	0.00	229 499.66	326 505.68
2343	+	0.00	4.84	0.00	102.96	-0.01	100 228.87	556 005.33	0.00	0.00	0.00	-0.01	229 499.66	326 505.67
2344	+	0.00	3.68	0.00	85.25	0.00	100 314.12	556 005.33	0.00	0.00	0.00	0.00	229 499.66	326 505.67
2345	+	0.00	2.66	0.00	63.42	-0.01	100 377.54	556 005.32	0.00	0.00	0.00	-0.01	229 499.66	326 505.66
2346	+	0.00	2.05	0.00	47.05	0.00	100 424.59	556 005.32	0.00	0.00	0.00	0.00	229 499.66	326 505.66
2347	+	0.00	1.38	0.05	34.23	0.48	100 458.82	556 005.80	0.00	0.05	0.00	0.48	229 499.66	326 506.14
2348	+	0.00	0.97	0.26	23.43	3.04	100 482.25	556 008.84	0.01	0.25	0.08	2.96	229 499.74	326 509.10
2349	+	0.00	0.27	0.32	12.34	5.77	100 494.59	556 014.61	0.00	0.32	0.12	5.65	229 499.86	326 514.75
2350	+	0.00	0.36	0.58	6.24	8.95	100 500.83	556 023.56	0.01	0.57	0.15	8.80	229 500.01	326 523.55

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2351	+	0.00	0.03	0.74	3.86	13.13	100 504.69	556 036.69	0.01	0.73	0.21	12.92	229 500.22	326 536.47
2352	+	0.00	0.01	1.22	0.36	19.57	100 505.05	556 056.26	0.01	1.21	0.20	19.37	229 500.42	326 555.84
2353	+	0.00	0.00	1.59	0.07	28.16	100 505.12	556 084.42	0.02	1.57	0.34	27.82	229 500.76	326 583.66
2354	+	0.00	0.00	2.56	0.00	41.57	100 505.12	556 125.99	0.05	2.51	0.73	40.84	229 501.49	326 624.50
2355	+	0.00	0.00	3.11	0.00	56.75	100 505.12	556 182.74	0.07	3.04	1.19	55.56	229 502.68	326 680.06
2356	+	0.00	0.00	4.14	0.00	72.60	100 505.12	556 255.34	0.13	4.01	2.03	70.57	229 504.71	326 750.63
2357	+	0.00	0.00	3.87	0.00	80.20	100 505.12	556 335.54	0.10	3.77	2.33	77.87	229 507.04	326 828.50
2358	+	0.00	0.00	3.93	0.00	77.98	100 505.12	556 413.52	0.13	3.80	2.28	75.70	229 509.32	326 904.20
2359	+	0.00	0.00	2.50	0.00	64.25	100 505.12	556 477.77	0.03	2.47	1.60	62.65	229 510.92	326 966.85
2360	+	0.00	0.27	0.45	2.65	29.47	100 507.77	556 507.24	0.00	0.45	0.33	29.14	229 511.25	326 995.99
2361	+	0.00	0.98	0.08	12.50	5.26	100 520.27	556 512.50	0.00	0.08	0.00	5.26	229 511.25	327 001.25
2362	+	0.00	2.63	0.00	36.12	0.80	100 556.39	556 513.30	0.00	0.00	0.00	0.80	229 511.25	327 002.05
2363	+	0.00	4.60	0.00	72.26	-0.01	100 628.65	556 513.29	0.00	0.00	0.00	-0.01	229 511.25	327 002.04
2364	+	0.00	5.42	0.00	100.22	-0.01	100 728.87	556 513.28	0.00	0.00	0.00	-0.01	229 511.25	327 002.03
2365	+	0.00	7.44	0.00	128.60	0.00	100 857.47	556 513.28	0.00	0.00	0.00	0.00	229 511.25	327 002.03
2366	+	0.00	9.32	0.00	167.55	0.00	101 025.02	556 513.28	0.00	0.00	0.00	0.00	229 511.25	327 002.03
2367	+	0.00	10.75	0.00	200.66	0.00	101 225.68	556 513.28	0.00	0.00	0.00	0.00	229 511.25	327 002.03
2368	+	0.00	11.69	0.00	224.37	0.00	101 450.05	556 513.28	0.00	0.00	0.00	0.00	229 511.25	327 002.03
2369	+	0.00	12.01	0.00	237.04	-0.01	101 687.09	556 513.27	0.00	0.00	0.00	-0.01	229 511.25	327 002.02
2370	+	0.00	11.11	0.00	231.24	0.00	101 918.33	556 513.27	0.00	0.00	0.00	0.00	229 511.25	327 002.02
2371	+	0.00	9.19	0.00	202.99	0.00	102 121.32	556 513.27	0.00	0.00	0.00	0.00	229 511.25	327 002.02
2372	+	0.00	3.76	0.00	129.50	-0.01	102 250.82	556 513.26	0.00	0.00	0.00	-0.01	229 511.25	327 002.01
2373	+	0.00	0.00	5.87	37.61	58.67	102 288.43	556 571.93	0.30	5.57	2.97	55.70	229 514.22	327 057.71
2373	+	19.27	0.00	14.71	0.00	198.23	102 288.43	556 770.16	6.61	8.10	66.52	131.71	229 580.74	327 189.42
2374	+	0.00	0.00	14.97	0.00	10.85	102 288.43	556 781.01	6.87	8.10	4.93	5.92	229 585.67	327 195.34
2375	+	0.00	0.00	25.57	0.00	405.38	102 288.43	557 186.39	12.07	13.50	189.38	216.00	229 775.05	327 411.34

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2376	+	0.00	0.00	30.77	0.00	565.63	102 288.43	557 752.02	17.31	13.46	295.99	269.64	230 071.04	327 680.98
2376	+	17.27	0.00	25.26	0.00	486.21	102 288.43	558 238.23	12.49	12.77	259.67	226.54	230 330.71	327 907.52
2377	+	0.00	0.00	24.39	0.00	67.80	102 288.43	558 306.03	11.37	13.02	32.59	35.21	230 363.30	327 942.73
2378	+	0.00	0.00	19.37	0.00	438.44	102 288.43	558 744.47	5.88	13.49	173.41	265.03	230 536.71	328 207.76
2379	+	0.00	0.00	13.64	0.00	330.64	102 288.43	559 075.11	5.54	8.10	114.77	215.87	230 651.48	328 423.63
2380	+	0.00	0.00	5.34	0.00	190.76	102 288.43	559 265.87	0.34	5.00	59.47	131.29	230 710.95	328 554.92
2380	+	13.80	0.80	1.07	5.40	44.70	102 293.83	559 310.57	0.06	1.01	2.91	41.79	230 713.86	328 596.71
2381	+	0.00	3.97	0.00	14.62	3.38	102 308.45	559 313.95	0.00	0.00	0.21	3.17	230 714.07	328 599.88
2382	+	0.00	13.29	0.00	171.77	0.00	102 480.22	559 313.95	0.00	0.00	0.00	0.00	230 714.07	328 599.88
2383	+	0.00	18.91	0.00	320.98	0.00	102 801.20	559 313.95	0.00	0.00	0.00	0.00	230 714.07	328 599.88
2384	+	0.00	19.53	0.00	383.29	0.00	103 184.49	559 313.95	0.00	0.00	0.00	0.00	230 714.07	328 599.88
2384	+	10.34	19.22	0.00	199.60	0.00	103 384.09	559 313.95	0.00	0.00	0.00	0.00	230 714.07	328 599.88
2385	+	0.00	17.90	0.00	178.82	-0.01	103 562.91	559 313.94	0.00	0.00	0.00	-0.01	230 714.07	328 599.87
2386	+	0.00	14.57	0.00	324.07	0.00	103 886.98	559 313.94	0.00	0.00	0.00	0.00	230 714.07	328 599.87
2387	+	0.00	13.29	0.00	278.47	0.00	104 165.45	559 313.94	0.00	0.00	0.00	0.00	230 714.07	328 599.87
2387	+	8.34	12.70	0.00	108.33	0.01	104 273.78	559 313.95	0.00	0.00	0.00	0.01	230 714.07	328 599.88
2388	+	0.00	12.11	0.00	144.67	-0.01	104 418.45	559 313.94	0.00	0.00	0.00	-0.01	230 714.07	328 599.87
2389	+	0.00	9.53	0.00	216.37	0.00	104 634.82	559 313.94	0.00	0.00	0.00	0.00	230 714.07	328 599.87
2390	+	0.00	7.70	0.00	172.26	0.00	104 807.08	559 313.94	0.00	0.00	0.00	0.00	230 714.07	328 599.87
2391	+	0.00	4.89	0.00	125.91	0.00	104 932.99	559 313.94	0.00	0.00	0.00	0.00	230 714.07	328 599.87
2392	+	0.00	3.80	0.00	86.90	0.00	105 019.89	559 313.94	0.00	0.00	0.00	0.00	230 714.07	328 599.87
2393	+	0.00	2.32	0.00	61.16	-0.01	105 081.05	559 313.93	0.00	0.00	0.00	-0.01	230 714.07	328 599.86
2394	+	0.00	0.47	0.99	27.93	9.93	105 108.98	559 323.86	0.03	0.96	0.31	9.62	230 714.38	328 609.48
2395	+	0.00	0.00	2.79	4.73	37.82	105 113.71	559 361.68	0.12	2.67	1.49	36.33	230 715.87	328 645.81
2396	+	0.00	0.00	4.42	0.00	72.13	105 113.71	559 433.81	0.21	4.21	3.29	68.84	230 719.16	328 714.65
2397	+	0.00	0.00	4.80	0.00	92.27	105 113.71	559 526.08	0.19	4.61	4.03	88.24	230 723.19	328 802.89

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2398	+	0.00	0.00	5.80	0.00	106.13	105 113.71	559 632.21	0.30	5.50	4.97	101.16	230 728.16	328 904.05
2399	+	0.00	0.00	4.91	0.00	107.14	105 113.71	559 739.35	0.23	4.68	5.32	101.82	230 733.48	329 005.87
2400	+	0.00	0.00	3.44	0.00	83.48	105 113.71	559 822.83	0.05	3.39	2.80	80.68	230 736.28	329 086.55
2401	+	0.00	0.18	2.50	1.81	59.44	105 115.52	559 882.27	0.21	2.29	2.66	56.78	230 738.94	329 143.33
2402	+	0.00	0.40	1.26	5.77	37.55	105 121.29	559 919.82	0.03	1.23	2.42	35.13	230 741.36	329 178.46
2403	+	0.00	1.78	0.00	21.75	12.53	105 143.04	559 932.35	0.00	0.00	0.27	12.26	230 741.63	329 190.72
2404	+	0.00	2.40	0.15	41.84	1.55	105 184.88	559 933.90	0.02	0.13	0.20	1.35	230 741.83	329 192.07
2405	+	0.00	3.33	0.00	57.31	1.53	105 242.19	559 935.43	0.00	0.00	0.20	1.33	230 742.03	329 193.40
2406	+	0.00	5.85	0.00	91.73	0.00	105 333.92	559 935.43	0.00	0.00	0.00	0.00	230 742.03	329 193.40
2407	+	0.00	7.24	0.00	130.90	-0.01	105 464.82	559 935.42	0.00	0.00	0.00	-0.01	230 742.03	329 193.39
2408	+	0.00	9.61	0.00	168.50	-0.01	105 633.32	559 935.41	0.00	0.00	0.00	-0.01	230 742.03	329 193.38
2409	+	0.00	10.33	0.00	199.32	0.00	105 832.64	559 935.41	0.00	0.00	0.00	0.00	230 742.03	329 193.38
2409	+	1.52	10.72	0.00	16.03	0.00	105 848.67	559 935.41	0.00	0.00	0.00	0.00	230 742.03	329 193.38
2410	+	0.00	11.45	0.00	204.83	0.01	106 053.50	559 935.42	0.00	0.00	0.00	0.01	230 742.03	329 193.39
2411	+	0.00	12.02	0.00	234.40	0.00	106 287.90	559 935.42	0.00	0.00	0.00	0.00	230 742.03	329 193.39
2412	+	0.00	12.24	0.00	241.95	0.00	106 529.85	559 935.42	0.00	0.00	0.00	0.00	230 742.03	329 193.39
2412	+	1.52	12.31	0.00	18.70	0.00	106 548.55	559 935.42	0.00	0.00	0.00	0.00	230 742.03	329 193.39
2412	+	17.85	13.53	0.00	210.14	0.00	106 758.69	559 935.42	0.00	0.00	0.00	0.00	230 742.03	329 193.39
2413	+	0.00	13.85	0.00	29.45	0.00	106 788.14	559 935.42	0.00	0.00	0.00	0.00	230 742.03	329 193.39
2413	+	14.18	12.60	0.00	186.73	0.00	106 974.87	559 935.42	0.00	0.00	0.00	0.00	230 742.03	329 193.39
2414	+	0.00	12.29	0.00	72.49	0.00	107 047.36	559 935.42	0.00	0.00	0.00	0.00	230 742.03	329 193.39
2415	+	0.00	9.71	0.00	219.27	-0.01	107 266.63	559 935.41	0.00	0.00	0.00	-0.01	230 742.03	329 193.38
2416	+	0.00	7.35	0.00	170.26	-0.01	107 436.89	559 935.40	0.00	0.00	0.00	-0.01	230 742.03	329 193.37
2416	+	14.18	4.00	0.17	80.42	1.15	107 517.31	559 936.55	0.03	0.14	0.21	0.94	230 742.24	329 194.31
2417	+	0.00	2.27	0.31	18.24	1.37	107 535.55	559 937.92	0.02	0.29	0.16	1.21	230 742.40	329 195.52
2418	+	0.00	0.09	1.91	23.60	22.18	107 559.15	559 960.10	0.11	1.80	1.35	20.83	230 743.75	329 216.35

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2419	+	0.00	0.11	2.95	2.04	48.61	107 561.19	560 008.71	0.53	2.42	6.43	42.18	230 750.18	329 258.53
2420	+	0.00	1.32	3.07	14.32	60.24	107 575.51	560 068.95	1.62	1.45	21.53	38.71	230 771.71	329 297.24
2421	+	0.00	0.00	8.63	13.21	117.00	107 588.72	560 185.95	3.56	5.07	51.78	65.22	230 823.49	329 362.46
2422	+	0.00	0.00	18.97	0.00	275.98	107 588.72	560 461.93	5.53	13.44	90.87	185.11	230 914.36	329 547.57
2423	+	0.00	0.00	19.81	0.00	387.79	107 588.72	560 849.72	6.31	13.50	118.37	269.42	231 032.73	329 816.99
2424	+	0.00	0.00	17.32	0.00	371.29	107 588.72	561 221.01	4.63	12.69	109.40	261.89	231 142.13	330 078.88
2425	+	0.00	0.00	14.85	0.00	321.77	107 588.72	561 542.78	6.75	8.10	113.88	207.89	231 256.01	330 286.77
2425	+	5.60	0.00	13.79	0.00	80.22	107 588.72	561 623.00	5.69	8.10	34.85	45.37	231 290.86	330 332.14
2426	+	0.00	0.00	10.85	0.00	177.38	107 588.72	561 800.38	2.78	8.07	60.99	116.39	231 351.85	330 448.53
2427	+	0.00	0.00	10.46	0.00	213.20	107 588.72	562 013.58	2.41	8.05	52.03	161.17	231 403.88	330 609.70
2428	+	0.00	0.00	8.59	0.00	190.84	107 588.72	562 204.42	1.99	6.60	44.23	146.61	231 448.11	330 756.31
2428	+	3.60	0.00	8.22	0.00	30.28	107 588.72	562 234.70	1.55	6.67	6.38	23.90	231 454.49	330 780.21
2429	+	0.00	0.00	5.23	0.00	110.80	107 588.72	562 345.50	0.74	4.49	19.06	91.74	231 473.55	330 871.95
2430	+	0.00	1.30	2.45	12.84	77.39	107 601.56	562 422.89	0.20	2.25	9.54	67.85	231 483.09	330 939.80
2431	+	0.00	3.06	0.38	43.19	28.67	107 644.75	562 451.56	0.02	0.36	2.23	26.44	231 485.32	330 966.24
2431	+	8.77	3.54	0.09	28.73	2.10	107 673.48	562 453.66	0.01	0.08	0.11	1.99	231 485.43	330 968.23
2432	+	0.00	4.10	0.02	42.57	0.62	107 716.05	562 454.28	0.00	0.02	0.04	0.58	231 485.47	330 968.81
2433	+	0.00	6.15	0.00	101.85	0.23	107 817.90	562 454.51	0.00	0.00	0.02	0.21	231 485.49	330 969.02
2434	+	0.00	8.85	0.00	149.27	0.00	107 967.17	562 454.51	0.00	0.00	0.00	0.00	231 485.49	330 969.02
2434	+	13.95	9.70	0.00	128.82	0.00	108 095.99	562 454.51	0.00	0.00	0.00	0.00	231 485.49	330 969.02
2435	+	0.00	10.77	0.00	61.96	0.00	108 157.95	562 454.51	0.00	0.00	0.00	0.00	231 485.49	330 969.02
2436	+	0.00	12.35	0.00	230.71	0.00	108 388.66	562 454.51	0.00	0.00	0.00	0.00	231 485.49	330 969.02
2437	+	0.00	11.84	0.00	241.72	-0.01	108 630.38	562 454.50	0.00	0.00	0.00	-0.01	231 485.49	330 969.01
2437	+	11.95	11.42	0.00	138.92	0.00	108 769.30	562 454.50	0.00	0.00	0.00	0.00	231 485.49	330 969.01
2438	+	0.00	11.70	-0.01	93.14	0.00	108 862.44	562 454.50	0.00	-0.01	0.00	0.00	231 485.49	330 969.01
2439	+	0.00	11.66	0.00	233.60	0.00	109 096.04	562 454.50	0.00	0.00	0.00	0.00	231 485.49	330 969.01

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2440	+	0.00	9.32	0.00	209.79	0.00	109 305.83	562 454.50	0.00	0.00	0.00	0.00	231 485.49	330 969.01
2441	+	0.00	7.31	0.00	166.30	-0.01	109 472.13	562 454.49	0.00	0.00	0.00	-0.01	231 485.49	330 969.00
2442	+	0.00	6.25	0.00	135.59	0.00	109 607.72	562 454.49	0.00	0.00	0.00	0.00	231 485.49	330 969.00
2443	+	0.00	4.82	0.00	110.72	0.00	109 718.44	562 454.49	0.00	0.00	0.00	0.00	231 485.49	330 969.00
2444	+	0.00	2.94	0.00	77.63	-0.01	109 796.07	562 454.48	0.00	0.00	0.00	-0.01	231 485.49	330 968.99
2444	+	7.48	2.39	0.00	19.95	-0.01	109 816.02	562 454.47	0.00	0.00	0.00	-0.01	231 485.49	330 968.98
2445	+	0.00	1.08	0.01	21.72	0.01	109 837.74	562 454.48	0.00	0.01	0.00	0.01	231 485.49	330 968.99
2446	+	0.00	0.45	1.45	15.17	14.59	109 852.91	562 469.07	0.10	1.35	1.06	13.53	231 486.55	330 982.52
2446	+	15.48	0.76	2.30	9.24	29.24	109 862.15	562 498.31	0.20	2.10	2.40	26.84	231 488.95	331 009.36
2447	+	0.00	0.78	2.26	3.49	10.32	109 865.64	562 508.63	0.19	2.07	0.88	9.44	231 489.83	331 018.80
2448	+	0.00	0.94	2.00	17.09	43.15	109 882.73	562 551.78	0.10	1.90	2.91	40.24	231 492.74	331 059.04
2449	+	0.00	0.34	3.48	12.66	55.25	109 895.39	562 607.03	0.20	3.28	3.01	52.24	231 495.75	331 111.28
2450	+	0.00	0.00	5.99	3.33	95.27	109 898.72	562 702.30	0.88	5.11	10.99	84.28	231 506.74	331 195.56
2451	+	0.00	0.00	8.69	0.01	147.60	109 898.73	562 849.90	1.86	6.83	27.88	119.72	231 534.62	331 315.28
2452	+	0.00	0.00	10.56	0.00	193.40	109 898.73	563 043.30	3.13	7.43	50.62	142.78	231 585.24	331 458.06
2453	+	0.00	0.00	14.24	0.00	248.92	109 898.73	563 292.22	6.14	8.10	93.55	155.37	231 678.79	331 613.43
2453	+	6.68	0.00	15.54	0.00	99.45	109 898.73	563 391.67	7.44	8.10	45.35	54.10	231 724.14	331 667.53
2454	+	0.00	0.00	19.63	0.00	234.91	109 898.73	563 626.58	6.13	13.50	91.06	143.85	231 815.20	331 811.38
2455	+	0.00	0.00	23.42	0.00	431.49	109 898.73	564 058.07	9.92	13.50	161.52	269.97	231 976.72	332 081.35
2456	+	0.00	0.00	26.98	0.00	505.07	109 898.73	564 563.14	13.48	13.50	235.07	270.00	232 211.79	332 351.35
2457	+	0.00	0.00	30.01	0.00	571.05	109 898.73	565 134.19	16.51	13.50	301.05	270.00	232 512.84	332 621.35
2458	+	0.00	0.00	31.91	0.00	620.44	109 898.73	565 754.63	18.41	13.50	350.44	270.00	232 863.28	332 891.35
2459	+	0.00	0.00	32.26	0.00	643.14	109 898.73	566 397.77	18.76	13.50	373.14	270.00	233 236.42	333 161.35
2459	+	17.88	0.00	30.44	0.00	561.99	109 898.73	566 959.76	16.94	13.50	320.61	241.38	233 557.03	333 402.73
2460	+	0.00	0.00	29.96	0.00	64.04	109 898.73	567 023.80	16.46	13.50	35.42	28.62	233 592.45	333 431.35
2461	+	0.00	0.00	29.75	0.00	598.08	109 898.73	567 621.88	16.25	13.50	328.08	270.00	233 920.53	333 701.35

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2462	+	0.00	0.00	27.54	0.00	572.85	109 898.73	568 194.73	14.04	13.50	302.85	270.00	234 223.38	333 971.35
2462	+	5.88	0.00	26.73	0.00	159.56	109 898.73	568 354.29	13.23	13.50	80.18	79.38	234 303.56	334 050.73
2463	+	0.00	0.00	24.06	0.00	358.62	109 898.73	568 712.91	10.56	13.50	168.00	190.62	234 471.56	334 241.35
2464	+	0.00	0.00	21.21	0.00	452.75	109 898.73	569 165.66	7.71	13.50	182.75	270.00	234 654.31	334 511.35
2465	+	0.00	0.00	20.40	0.00	416.17	109 898.73	569 581.83	6.90	13.50	146.17	270.00	234 800.48	334 781.35
2466	+	0.00	0.00	19.96	0.00	403.62	109 898.73	569 985.45	6.46	13.50	133.62	270.00	234 934.10	335 051.35
2467	+	0.00	0.00	20.31	0.00	402.68	109 898.73	570 388.13	6.81	13.50	132.68	270.00	235 066.78	335 321.35
2468	+	0.00	0.00	19.21	0.00	395.24	109 898.73	570 783.37	5.71	13.50	125.24	270.00	235 192.02	335 591.35
2469	+	0.00	0.00	17.43	0.00	366.43	109 898.73	571 149.80	4.02	13.41	97.36	269.07	235 289.38	335 860.42
2470	+	0.00	0.00	14.49	0.00	319.24	109 898.73	571 469.04	1.90	12.59	59.24	260.00	235 348.62	336 120.42
2471	+	0.00	0.00	10.85	0.00	253.41	109 898.73	571 722.45	0.59	10.26	24.89	228.52	235 373.51	336 348.94
2472	+	0.00	0.00	11.27	0.00	221.14	109 898.73	571 943.59	0.50	10.77	10.89	210.25	235 384.40	336 559.19
2473	+	0.00	0.00	7.29	0.00	185.54	109 898.73	572 129.13	0.49	6.80	9.90	175.64	235 394.30	336 734.83
2474	+	0.00	0.00	6.64	0.00	139.24	109 898.73	572 268.37	0.28	6.36	7.69	131.55	235 401.99	336 866.38
2475	+	0.00	0.00	5.76	0.00	123.97	109 898.73	572 392.34	0.10	5.66	3.76	120.21	235 405.75	336 986.59
2476	+	0.00	0.00	7.64	0.00	133.92	109 898.73	572 526.26	0.75	6.89	8.42	125.50	235 414.17	337 112.09
2477	+	0.00	0.00	8.03	0.00	156.67	109 898.73	572 682.93	1.01	7.02	17.57	139.10	235 431.74	337 251.19
2478	+	0.00	0.00	9.13	0.00	171.62	109 898.73	572 854.55	1.50	7.63	25.05	146.57	235 456.79	337 397.76
2479	+	0.00	0.00	8.27	0.00	173.97	109 898.73	573 028.52	1.02	7.25	25.11	148.86	235 481.90	337 546.62
2479	+	11.05	0.03	5.11	0.14	73.92	109 898.87	573 102.44	0.35	4.76	7.57	66.35	235 489.47	337 612.97
2480	+	0.00	0.51	2.80	2.40	35.38	109 901.27	573 137.82	0.15	2.65	2.27	33.11	235 491.74	337 646.08
2481	+	0.00	3.66	0.56	41.50	33.81	109 942.77	573 171.63	0.04	0.52	1.94	31.87	235 493.68	337 677.95
2482	+	0.00	6.45	0.01	100.26	5.86	110 043.03	573 177.49	0.00	0.01	0.41	5.45	235 494.09	337 683.40
2482	+	9.05	7.92	0.00	64.42	0.08	110 107.45	573 177.57	0.00	0.00	0.00	0.08	235 494.09	337 683.48
2483	+	0.00	11.64	0.00	106.14	0.00	110 213.59	573 177.57	0.00	0.00	0.00	0.00	235 494.09	337 683.48
2484	+	0.00	12.47	0.00	239.07	0.00	110 452.66	573 177.57	0.00	0.00	0.00	0.00	235 494.09	337 683.48

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2485	+	0.00	10.94	0.00	231.91	0.00	110 684.57	573 177.57	0.00	0.00	0.00	0.00	235 494.09	337 683.48
2486	+	0.00	6.31	0.08	170.71	0.77	110 855.28	573 178.34	0.01	0.07	0.08	0.69	235 494.17	337 684.17
2487	+	0.00	4.39	0.80	105.52	9.03	110 960.80	573 187.37	0.10	0.70	1.14	7.89	235 495.31	337 692.06
2488	+	0.00	0.19	5.90	45.02	68.16	111 005.82	573 255.53	1.33	4.57	14.74	53.42	235 510.05	337 745.48
2489	+	0.00	0.01	7.93	1.89	140.20	111 007.71	573 395.73	2.22	5.71	36.51	103.69	235 546.56	337 849.17
2490	+	0.00	0.00	10.16	0.06	182.92	111 007.77	573 578.65	3.31	6.85	56.67	126.25	235 603.23	337 975.42
2490	+	15.19	0.00	13.17	0.00	178.84	111 007.77	573 757.49	5.46	7.71	67.92	110.92	235 671.15	338 086.34
2491	+	0.00	0.00	14.19	0.00	66.30	111 007.77	573 823.79	6.43	7.76	29.07	37.23	235 700.22	338 123.57
2492	+	0.00	0.00	17.17	0.00	316.37	111 007.77	574 140.16	5.44	11.73	120.96	195.41	235 821.18	338 318.98
2493	+	0.00	0.00	19.51	0.00	369.63	111 007.77	574 509.79	6.38	13.13	120.48	249.15	235 941.66	338 568.13
2494	+	0.00	0.00	9.41	0.00	291.59	111 007.77	574 801.38	3.18	6.23	97.51	194.08	236 039.17	338 762.21
2495	+	0.00	0.55	2.83	5.40	124.12	111 013.17	574 925.50	0.25	2.58	35.20	88.92	236 074.37	338 851.13
2496	+	0.00	3.77	0.28	42.73	31.70	111 055.90	574 957.20	0.03	0.25	2.87	28.83	236 077.24	338 879.96
2497	+	0.00	3.42	0.84	70.92	11.42	111 126.82	574 968.62	0.06	0.78	0.93	10.49	236 078.17	338 890.45
2498	+	0.00	3.09	0.85	63.94	17.26	111 190.76	574 985.88	0.08	0.77	1.43	15.83	236 079.60	338 906.28
2499	+	0.00	0.83	4.52	38.43	54.73	111 229.19	575 040.61	1.34	3.18	14.56	40.17	236 094.16	338 946.45
2499	+	1.33	0.72	4.74	1.03	6.16	111 230.22	575 046.77	1.41	3.33	1.83	4.33	236 095.99	338 950.78
2500	+	0.00	0.00	12.38	6.58	161.85	111 236.80	575 208.62	6.12	6.26	71.59	90.26	236 167.58	339 041.04
2501	+	0.00	0.00	16.93	0.00	294.43	111 236.80	575 503.05	4.62	12.31	108.41	186.02	236 275.99	339 227.06
2501	+	19.33	0.00	22.16	0.00	377.82	111 236.80	575 880.87	8.66	13.50	128.36	249.46	236 404.35	339 476.52
2502	+	0.00	0.00	22.26	0.00	14.83	111 236.80	575 895.70	8.76	13.50	5.82	9.01	236 410.17	339 485.53
2503	+	0.00	0.00	21.24	0.00	435.06	111 236.80	576 330.76	7.74	13.50	165.06	270.00	236 575.23	339 755.53
2504	+	0.00	0.00	19.84	0.00	410.85	111 236.80	576 741.61	6.34	13.50	140.85	270.00	236 716.08	340 025.53
2505	+	0.00	0.00	17.71	0.00	375.50	111 236.80	577 117.11	4.21	13.50	105.50	270.00	236 821.58	340 295.53
2506	+	0.00	0.00	12.49	0.00	301.97	111 236.80	577 419.08	4.39	8.10	85.97	216.00	236 907.55	340 511.53
2507	+	0.00	0.00	11.53	0.00	240.14	111 236.80	577 659.22	3.43	8.10	78.15	161.99	236 985.70	340 673.52

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2508	+	0.00	0.00	10.40	0.00	219.26	111 236.80	577 878.48	2.39	8.01	58.12	161.14	237 043.82	340 834.66
2509	+	0.00	0.00	12.81	0.00	232.11	111 236.80	578 110.59	0.84	11.97	32.25	199.86	237 076.07	341 034.52
2510	+	0.00	0.00	13.04	0.00	258.52	111 236.80	578 369.11	1.00	12.04	18.42	240.10	237 094.49	341 274.62
2511	+	0.00	0.00	10.31	0.00	233.47	111 236.80	578 602.58	2.23	8.08	32.28	201.19	237 126.77	341 475.81
2512	+	0.00	0.00	6.26	0.00	165.63	111 236.80	578 768.21	0.28	5.98	25.05	140.58	237 151.82	341 616.39
2513	+	0.00	3.21	0.00	32.06	62.56	111 268.86	578 830.77	0.00	0.00	2.79	59.77	237 154.61	341 676.16
2514	+	0.00	1.71	0.03	49.12	0.22	111 317.98	578 830.99	0.00	0.03	0.00	0.22	237 154.61	341 676.38
2515	+	0.00	3.67	0.00	53.79	0.21	111 371.77	578 831.20	0.00	0.00	0.00	0.21	237 154.61	341 676.59
2516	+	0.00	0.00	3.02	36.78	30.25	111 408.55	578 861.45	0.01	3.01	0.11	30.14	237 154.72	341 706.73
2517	+	0.00	3.60	0.00	36.04	30.24	111 444.59	578 891.69	0.00	0.00	0.11	30.13	237 154.83	341 736.86
2518	+	0.00	0.00	8.05	36.00	80.53	111 480.59	578 972.22	1.98	6.07	19.83	60.70	237 174.66	341 797.56
2519	+	0.00	0.00	18.74	0.00	267.92	111 480.59	579 240.14	5.37	13.37	73.57	194.35	237 248.23	341 991.91
2520	+	0.00	0.00	19.25	0.00	379.91	111 480.59	579 620.05	6.53	12.72	119.02	260.89	237 367.25	342 252.80
2521	+	0.00	0.00	17.22	0.00	364.73	111 480.59	579 984.78	4.75	12.47	112.77	251.96	237 480.02	342 504.76
2522	+	0.00	0.00	17.17	0.00	343.95	111 480.59	580 328.73	3.86	13.31	86.13	257.82	237 566.15	342 762.58
2523	+	0.00	0.00	14.17	0.00	313.48	111 480.59	580 642.21	6.07	8.10	99.37	214.11	237 665.52	342 976.69
2523	+	5.26	0.00	13.85	0.00	73.70	111 480.59	580 715.91	5.75	8.10	31.09	42.61	237 696.61	343 019.30
2524	+	0.00	0.00	10.48	0.00	179.29	111 480.59	580 895.20	2.79	7.69	62.91	116.38	237 759.52	343 135.68
2525	+	0.00	0.13	5.24	1.31	157.28	111 481.90	581 052.48	0.53	4.71	33.21	124.07	237 792.73	343 259.75
2526	+	0.00	0.61	3.06	7.37	83.36	111 489.27	581 135.84	0.23	2.83	7.65	75.71	237 800.38	343 335.46
2526	+	3.26	0.90	2.69	2.47	9.36	111 491.74	581 145.20	0.22	2.47	0.73	8.63	237 801.11	343 344.09
2527	+	0.00	2.68	0.84	29.73	29.78	111 521.47	581 174.98	0.09	0.75	2.67	27.11	237 803.78	343 371.20
2528	+	0.00	6.23	0.14	88.51	9.84	111 609.98	581 184.82	0.02	0.12	1.12	8.72	237 804.90	343 379.92
2529	+	0.00	4.02	0.52	101.90	6.66	111 711.88	581 191.48	0.06	0.46	0.76	5.90	237 805.66	343 385.82
2530	+	0.00	0.42	4.06	44.13	46.17	111 756.01	581 237.65	0.47	3.59	5.35	40.82	237 811.01	343 426.64
2531	+	0.00	1.16	6.18	15.69	103.22	111 771.70	581 340.87	2.27	3.91	27.72	75.50	237 838.73	343 502.14

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2532	+	0.00	0.38	2.89	15.30	91.46	111 787.00	581 432.33	0.27	2.62	25.70	65.76	237 864.43	343 567.90
2533	+	0.00	0.29	4.09	6.64	70.22	111 793.64	581 502.55	0.37	3.72	6.45	63.77	237 870.88	343 631.67
2534	+	0.00	0.29	4.48	5.76	86.21	111 799.40	581 588.76	0.56	3.92	9.40	76.81	237 880.28	343 708.48
2535	+	0.00	0.01	5.65	2.96	101.79	111 802.36	581 690.55	0.66	4.99	12.33	89.46	237 892.61	343 797.94
2536	+	0.00	0.00	7.82	0.08	135.19	111 802.44	581 825.74	1.60	6.22	22.84	112.35	237 915.45	343 910.29
2537	+	0.00	0.00	8.88	0.00	167.64	111 802.44	581 993.38	2.20	6.68	38.42	129.22	237 953.87	344 039.51
2538	+	0.00	0.00	9.61	0.00	185.50	111 802.44	582 178.88	2.48	7.13	47.20	138.30	238 001.07	344 177.81
2539	+	0.00	0.00	10.60	0.00	202.68	111 802.44	582 381.56	3.48	7.12	60.04	142.64	238 061.11	344 320.45
2540	+	0.00	0.00	13.77	0.00	244.36	111 802.44	582 625.92	5.75	8.02	92.87	151.49	238 153.98	344 471.94
2541	+	0.00	0.00	15.25	0.00	290.93	111 802.44	582 916.85	7.15	8.10	129.73	161.20	238 283.71	344 633.14
2542	+	0.00	0.00	16.97	0.00	323.06	111 802.44	583 239.91	4.24	12.73	114.71	208.35	238 398.42	344 841.49
2542	+	5.51	0.00	18.50	0.00	97.72	111 802.44	583 337.63	5.39	13.11	26.54	71.18	238 424.96	344 912.67
2543	+	0.00	0.00	18.08	0.00	265.71	111 802.44	583 603.34	5.05	13.03	76.26	189.45	238 501.22	345 102.12
2544	+	0.00	0.00	16.49	0.00	346.62	111 802.44	583 949.96	3.97	12.52	90.97	255.65	238 592.19	345 357.77
2545	+	0.00	0.00	17.92	0.00	345.11	111 802.44	584 295.07	5.43	12.49	94.76	250.35	238 686.95	345 608.12
2546	+	0.00	0.00	23.58	0.00	415.69	111 802.44	584 710.76	10.08	13.50	155.66	260.03	238 842.61	345 868.15
2547	+	0.00	0.00	24.21	0.00	478.10	111 802.44	585 188.86	10.71	13.50	208.10	270.00	239 050.71	346 138.15
2548	+	0.00	0.00	25.27	0.00	495.12	111 802.44	585 683.98	11.77	13.50	225.12	270.00	239 275.83	346 408.15
2549	+	0.00	0.00	22.81	0.00	481.17	111 802.44	586 165.15	9.31	13.50	211.17	270.00	239 487.00	346 678.15
2550	+	0.00	0.00	21.51	0.00	443.61	111 802.44	586 608.76	8.01	13.50	173.61	270.00	239 660.61	346 948.15
2551	+	0.00	0.00	14.22	0.00	357.74	111 802.44	586 966.50	6.12	8.10	141.74	216.00	239 802.35	347 164.15
2552	+	0.00	0.00	13.97	0.00	282.14	111 802.44	587 248.64	5.87	8.10	120.14	162.00	239 922.49	347 326.15
2553	+	0.00	0.00	12.24	0.00	262.30	111 802.44	587 510.94	4.14	8.10	100.30	162.00	240 022.79	347 488.15
2554	+	0.00	0.00	10.39	0.00	226.51	111 802.44	587 737.45	2.33	8.06	64.92	161.59	240 087.71	347 649.74
2555	+	0.00	0.00	3.84	0.00	142.41	111 802.44	587 879.86	0.06	3.78	23.96	118.45	240 111.67	347 768.19
2556	+	0.00	2.42	0.12	24.15	39.55	111 826.59	587 919.41	0.00	0.12	0.56	38.99	240 112.23	347 807.18

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2557	+	0.00	3.37	0.00	57.86	1.13	111 884.45	587 920.54	0.00	0.00	0.00	1.13	240 112.23	347 808.31
2558	+	0.00	3.74	0.04	71.10	0.51	111 955.55	587 921.05	0.00	0.04	0.03	0.48	240 112.26	347 808.79
2558	+	7.76	4.49	0.05	31.94	0.41	111 987.49	587 921.46	0.00	0.05	0.02	0.39	240 112.28	347 809.18
2559	+	0.00	2.67	0.13	43.70	1.08	112 031.19	587 922.54	0.01	0.12	0.06	1.02	240 112.34	347 810.20
2560	+	0.00	1.73	0.48	43.83	6.01	112 075.02	587 928.55	0.04	0.44	0.46	5.55	240 112.80	347 815.75
2561	+	0.00	0.00	1.43	17.26	19.09	112 092.28	587 947.64	0.05	1.38	0.90	18.19	240 113.70	347 833.94
2561	+	5.76	0.00	2.13	0.00	10.26	112 092.28	587 957.90	0.05	2.08	0.29	9.97	240 113.99	347 843.91
2562	+	0.00	0.00	3.93	0.00	43.15	112 092.28	588 001.05	0.13	3.80	1.31	41.84	240 115.30	347 885.75
2563	+	0.00	0.00	6.73	0.00	106.61	112 092.28	588 107.66	0.31	6.42	4.42	102.19	240 119.72	347 987.94
2564	+	0.00	0.00	6.46	0.00	131.89	112 092.28	588 239.55	0.21	6.25	5.18	126.71	240 124.90	348 114.65
2565	+	0.00	0.00	5.10	0.00	115.57	112 092.28	588 355.12	0.20	4.90	4.09	111.48	240 128.99	348 226.13
2566	+	0.00	0.09	1.44	0.92	65.41	112 093.20	588 420.53	0.00	1.44	1.99	63.42	240 130.98	348 289.55
2567	+	0.00	0.48	0.00	5.73	14.42	112 098.93	588 434.95	0.00	0.00	0.00	14.42	240 130.98	348 303.97
2567	+	0.15	0.50	0.00	0.07	-0.01	112 099.00	588 434.94	0.00	0.00	0.00	-0.01	240 130.98	348 303.96
2568	+	0.00	2.77	0.13	32.42	1.20	112 131.42	588 436.14	0.01	0.12	0.06	1.14	240 131.04	348 305.10
2569	+	0.00	2.95	1.21	56.74	13.50	112 188.16	588 449.64	0.11	1.10	1.14	12.36	240 132.18	348 317.46
2569	+	18.15	4.87	1.26	70.02	23.00	112 258.18	588 472.64	0.18	1.08	2.71	20.29	240 134.89	348 337.75
2570	+	0.00	4.60	1.28	8.75	2.36	112 266.93	588 475.00	0.18	1.10	0.34	2.02	240 135.23	348 339.77
2571	+	0.00	3.82	1.22	82.84	25.69	112 349.77	588 500.69	0.11	1.11	3.04	22.65	240 138.27	348 362.42
2571	+	17.91	3.22	0.97	62.10	20.05	112 411.87	588 520.74	0.13	0.84	2.21	17.84	240 140.48	348 380.26
2572	+	0.00	3.34	0.97	6.85	2.01	112 418.72	588 522.75	0.12	0.85	0.26	1.75	240 140.74	348 382.01
2573	+	0.00	0.90	2.27	41.78	33.20	112 460.50	588 555.95	0.55	1.72	6.93	26.27	240 147.67	348 408.28
2573	+	17.67	1.68	0.99	22.54	29.56	112 483.04	588 585.51	0.23	0.76	7.07	22.49	240 154.74	348 430.77
2574	+	0.00	2.10	0.84	4.41	2.14	112 487.45	588 587.65	0.20	0.64	0.50	1.64	240 155.24	348 432.41
2575	+	0.00	4.24	0.11	62.97	9.73	112 550.42	588 597.38	0.02	0.09	2.26	7.47	240 157.50	348 439.88
2576	+	0.00	4.44	0.00	86.67	1.18	112 637.09	588 598.56	0.00	0.00	0.19	0.99	240 157.69	348 440.87

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2576	+	15.67	7.09	0.00	90.28	0.00	112 727.37	588 598.56	0.00	0.00	0.00	0.00	240 157.69	348 440.87
2577	+	0.00	7.31	0.00	31.20	0.00	112 758.57	588 598.56	0.00	0.00	0.00	0.00	240 157.69	348 440.87
2577	+	13.65	7.79	0.00	103.06	0.01	112 861.63	588 598.57	0.00	0.00	0.00	0.01	240 157.69	348 440.88
2578	+	0.00	8.18	0.00	50.68	0.00	112 912.31	588 598.57	0.00	0.00	0.00	0.00	240 157.69	348 440.88
2579	+	0.00	9.59	0.00	177.68	-0.01	113 089.99	588 598.56	0.00	0.00	0.00	-0.01	240 157.69	348 440.87
2579	+	18.65	8.85	0.00	171.73	0.00	113 261.72	588 598.56	0.00	0.00	0.00	0.00	240 157.69	348 440.87
2580	+	0.00	8.98	0.00	12.03	-0.01	113 273.75	588 598.55	0.00	0.00	0.00	-0.01	240 157.69	348 440.86
2581	+	0.00	8.84	0.00	177.83	-0.01	113 451.58	588 598.54	0.00	0.00	0.00	-0.01	240 157.69	348 440.85
2582	+	0.00	7.02	0.00	158.43	0.00	113 610.01	588 598.54	0.00	0.00	0.00	0.00	240 157.69	348 440.85
2583	+	0.00	3.87	0.00	108.88	0.00	113 718.89	588 598.54	0.00	0.00	0.00	0.00	240 157.69	348 440.85
2584	+	0.00	0.65	0.30	45.13	2.92	113 764.02	588 601.46	0.00	0.30	0.00	2.92	240 157.69	348 443.77
2584	+	19.55	0.00	5.07	6.27	52.38	113 770.29	588 653.84	0.28	4.79	2.72	49.66	240 160.41	348 493.43
2585	+	0.00	0.00	5.18	0.00	2.32	113 770.29	588 656.16	0.29	4.89	0.13	2.19	240 160.54	348 495.62
2586	+	0.00	0.00	6.63	0.00	118.54	113 770.29	588 774.70	1.45	5.18	17.62	100.92	240 178.16	348 596.54
2587	+	0.00	0.08	4.80	0.77	114.98	113 771.06	588 889.68	1.02	3.78	24.99	89.99	240 203.15	348 686.53
2588	+	0.00	0.02	2.93	1.01	78.01	113 772.07	588 967.69	0.40	2.53	14.42	63.59	240 217.57	348 750.12
2589	+	0.00	0.03	4.74	0.54	77.43	113 772.61	589 045.12	0.88	3.86	13.01	64.42	240 230.58	348 814.54
2590	+	0.00	0.00	5.46	0.30	102.77	113 772.91	589 147.89	0.80	4.66	17.08	85.69	240 247.66	348 900.23
2590	+	0.44	0.00	5.52	0.00	2.43	113 772.91	589 150.32	0.83	4.69	0.36	2.07	240 248.02	348 902.30
2591	+	0.00	0.00	3.61	0.00	89.68	113 772.91	589 240.00	0.16	3.45	9.74	79.94	240 257.76	348 982.24
2592	+	0.00	0.03	1.54	0.27	51.47	113 773.18	589 291.47	0.07	1.47	2.28	49.19	240 260.04	349 031.43
2592	+	5.44	0.08	1.35	0.29	7.88	113 773.47	589 299.35	0.05	1.30	0.33	7.55	240 260.37	349 038.98
2593	+	0.00	0.00	1.05	0.58	17.53	113 774.05	589 316.88	0.02	1.03	0.54	16.99	240 260.91	349 055.97
2594	+	0.00	0.00	2.59	0.00	36.42	113 774.05	589 353.30	0.05	2.54	0.72	35.70	240 261.63	349 091.67
2595	+	0.00	0.10	2.91	1.01	54.95	113 775.06	589 408.25	0.09	2.82	1.35	53.60	240 262.98	349 145.27
2596	+	0.00	0.00	4.65	1.01	75.55	113 776.07	589 483.80	0.24	4.41	3.24	72.31	240 266.22	349 217.58

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2597	+	0.00	0.01	4.72	0.07	93.60	113 776.14	589 577.40	0.29	4.43	5.25	88.35	240 271.47	349 305.93
2598	+	0.00	0.00	3.73	0.08	84.44	113 776.22	589 661.84	0.12	3.61	4.08	80.36	240 275.55	349 386.29
2599	+	0.00	0.02	4.09	0.21	78.21	113 776.43	589 740.05	0.15	3.94	2.72	75.49	240 278.27	349 461.78
2600	+	0.00	0.00	4.77	0.21	88.61	113 776.64	589 828.66	0.10	4.67	2.47	86.14	240 280.74	349 547.92
2601	+	0.00	0.00	6.04	0.00	108.07	113 776.64	589 936.73	0.21	5.83	3.02	105.05	240 283.76	349 652.97
2602	+	0.00	0.00	7.79	0.00	138.34	113 776.64	590 075.07	1.36	6.43	15.69	122.65	240 299.45	349 775.62
2603	+	0.00	0.00	10.21	0.00	180.06	113 776.64	590 255.13	2.65	7.56	40.11	139.95	240 339.56	349 915.57
2604	+	0.00	0.00	12.54	0.00	227.48	113 776.64	590 482.61	1.14	11.40	37.89	189.59	240 377.45	350 105.16
2605	+	0.00	0.00	14.67	0.00	272.08	113 776.64	590 754.69	2.63	12.04	37.72	234.36	240 415.17	350 339.52
2606	+	0.00	0.00	13.89	0.00	285.69	113 776.64	591 040.38	1.77	12.12	44.04	241.65	240 459.21	350 581.17
2606	+	17.54	0.00	11.07	0.00	218.96	113 776.64	591 259.34	2.97	8.10	41.59	177.37	240 500.80	350 758.54
2607	+	0.00	0.00	10.38	0.00	26.39	113 776.64	591 285.73	2.28	8.10	6.46	19.93	240 507.26	350 778.47
2608	+	0.00	0.00	9.55	0.00	199.25	113 776.64	591 484.98	1.71	7.84	39.88	159.37	240 547.14	350 937.84
2609	+	0.00	0.00	11.46	0.00	210.01	113 776.64	591 694.99	3.40	8.06	51.07	158.94	240 598.21	351 096.78
2610	+	0.00	0.00	12.00	0.00	234.57	113 776.64	591 929.56	3.90	8.10	73.00	161.57	240 671.21	351 258.35
2611	+	0.00	0.00	12.41	0.00	244.14	113 776.64	592 173.70	4.31	8.10	82.14	162.00	240 753.35	351 420.35
2612	+	0.00	0.00	13.47	0.00	258.83	113 776.64	592 432.53	5.37	8.10	96.83	162.00	240 850.18	351 582.35
2613	+	0.00	0.00	13.36	0.00	268.31	113 776.64	592 700.84	5.26	8.10	106.31	162.00	240 956.49	351 744.35
2614	+	0.00	0.00	10.37	0.00	237.33	113 776.64	592 938.17	2.27	8.10	75.34	161.99	241 031.83	351 906.34
2614	+	10.74	0.00	8.21	0.00	99.71	113 776.64	593 037.88	0.65	7.56	15.67	84.04	241 047.50	351 990.38
2615	+	0.00	0.00	8.11	0.00	75.58	113 776.64	593 113.46	0.57	7.54	5.64	69.94	241 053.14	352 060.32
2616	+	0.00	0.00	7.87	0.00	159.83	113 776.64	593 273.29	0.63	7.24	12.00	147.83	241 065.14	352 208.15
2617	+	0.00	0.00	6.08	0.00	139.54	113 776.64	593 412.83	0.14	5.94	7.69	131.85	241 072.83	352 340.00
2618	+	0.00	0.00	5.29	0.00	113.67	113 776.64	593 526.50	0.14	5.15	2.75	110.92	241 075.58	352 450.92
2619	+	0.00	0.32	0.90	3.21	61.84	113 779.85	593 588.34	0.00	0.90	1.36	60.48	241 076.94	352 511.40
2620	+	0.00	1.95	0.30	22.70	12.01	113 802.55	593 600.35	0.00	0.30	0.00	12.01	241 076.94	352 523.41

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2621	+	0.00	6.25	0.00	81.96	3.01	113 884.51	593 603.36	0.00	0.00	0.00	3.01	241 076.94	352 526.42
2622	+	0.00	5.40	0.00	116.43	0.00	114 000.94	593 603.36	0.00	0.00	0.00	0.00	241 076.94	352 526.42
2622	+	3.93	4.47	0.00	19.40	0.01	114 020.34	593 603.37	0.00	0.00	0.00	0.01	241 076.94	352 526.43
2623	+	0.00	1.59	2.29	48.74	18.37	114 069.08	593 621.74	0.04	2.25	0.32	18.05	241 077.26	352 544.48
2624	+	0.00	0.00	6.07	15.92	83.61	114 085.00	593 705.35	0.26	5.81	3.03	80.58	241 080.29	352 625.06
2625	+	0.00	0.00	11.18	0.00	172.58	114 085.00	593 877.93	3.30	7.88	35.67	136.91	241 115.96	352 761.97
2626	+	0.00	0.00	16.26	0.00	274.44	114 085.00	594 152.37	3.09	13.17	63.90	210.54	241 179.86	352 972.51
2627	+	0.00	0.00	17.54	0.00	337.99	114 085.00	594 490.36	4.09	13.45	71.75	266.24	241 251.61	353 238.75
2628	+	0.00	0.00	19.84	0.00	373.79	114 085.00	594 864.15	6.46	13.38	105.52	268.27	241 357.13	353 507.02
2629	+	0.00	0.00	24.49	0.00	443.33	114 085.00	595 307.48	10.99	13.50	174.56	268.77	241 531.69	353 775.79
2630	+	0.00	0.00	25.69	0.00	501.87	114 085.00	595 809.35	12.19	13.50	231.87	270.00	241 763.56	354 045.79
2631	+	0.00	0.00	28.91	0.00	546.01	114 085.00	596 355.36	15.41	13.50	276.01	270.00	242 039.57	354 315.79
2632	+	0.00	0.00	28.59	0.00	574.98	114 085.00	596 930.34	15.09	13.50	304.98	270.00	242 344.55	354 585.79
2633	+	0.00	0.00	22.85	0.00	514.37	114 085.00	597 444.71	9.35	13.50	244.37	270.00	242 588.92	354 855.79
2634	+	0.00	0.00	21.98	0.00	448.27	114 085.00	597 892.98	8.48	13.50	178.27	270.00	242 767.19	355 125.79
2635	+	0.00	0.00	15.73	0.00	377.04	114 085.00	598 270.02	2.42	13.31	108.94	268.10	242 876.13	355 393.89
2636	+	0.00	0.00	17.93	0.00	336.54	114 085.00	598 606.56	4.60	13.33	70.15	266.39	242 946.28	355 660.28
2637	+	0.00	0.00	16.32	0.00	342.40	114 085.00	598 948.96	3.24	13.08	78.35	264.05	243 024.63	355 924.33
2638	+	0.00	0.00	14.80	0.00	311.16	114 085.00	599 260.12	2.10	12.70	53.38	257.78	243 078.01	356 182.11
2639	+	0.00	0.00	11.99	0.00	267.98	114 085.00	599 528.10	3.89	8.10	59.95	208.03	243 137.96	356 390.14
2640	+	0.00	0.00	8.21	0.00	202.00	114 085.00	599 730.10	0.69	7.52	45.79	156.21	243 183.75	356 546.35
2641	+	0.00	0.00	5.23	0.00	134.41	114 085.00	599 864.51	0.09	5.14	7.79	126.62	243 191.54	356 672.97
2642	+	0.00	0.30	0.54	3.01	57.73	114 088.01	599 922.24	0.00	0.54	0.96	56.77	243 192.50	356 729.74
2643	+	0.00	3.64	0.00	39.36	5.40	114 127.37	599 927.64	0.00	0.00	0.04	5.36	243 192.54	356 735.10
2644	+	0.00	5.81	0.00	94.43	-0.01	114 221.80	599 927.63	0.00	0.00	0.00	-0.01	243 192.54	356 735.09
2645	+	0.00	9.52	0.00	153.27	0.00	114 375.07	599 927.63	0.00	0.00	0.00	0.00	243 192.54	356 735.09

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2646	+	0.00	10.19	0.00	197.05	0.00	114 572.12	599 927.63	0.00	0.00	0.00	0.00	243 192.54	356 735.09
2647	+	0.00	11.58	0.00	217.70	0.00	114 789.82	599 927.63	0.00	0.00	0.00	0.00	243 192.54	356 735.09
2648	+	0.00	11.92	0.00	235.09	0.00	115 024.91	599 927.63	0.00	0.00	0.00	0.00	243 192.54	356 735.09
2649	+	0.00	7.55	0.00	194.74	0.00	115 219.65	599 927.63	0.00	0.00	0.00	0.00	243 192.54	356 735.09
2649	+	11.71	7.22	0.00	86.47	0.00	115 306.12	599 927.63	0.00	0.00	0.00	0.00	243 192.54	356 735.09
2650	+	0.00	7.25	0.00	59.93	-0.01	115 366.05	599 927.62	0.00	0.00	0.00	-0.01	243 192.54	356 735.08
2651	+	0.00	6.28	0.00	135.34	0.00	115 501.39	599 927.62	0.00	0.00	0.00	0.00	243 192.54	356 735.08
2652	+	0.00	5.25	0.00	115.02	0.00	115 616.41	599 927.62	0.00	0.00	0.00	0.00	243 192.54	356 735.08
2652	+	6.71	5.00	0.00	34.39	0.00	115 650.80	599 927.62	0.00	0.00	0.00	0.00	243 192.54	356 735.08
2653	+	0.00	2.38	0.00	48.91	0.00	115 699.71	599 927.62	0.00	0.00	0.00	0.00	243 192.54	356 735.08
2654	+	0.00	0.90	0.00	32.81	0.00	115 732.52	599 927.62	0.00	0.00	0.00	0.00	243 192.54	356 735.08
2655	+	0.00	0.00	2.48	8.97	24.81	115 741.49	599 952.43	0.05	2.43	0.49	24.32	243 193.03	356 759.40
2656	+	0.00	0.00	4.81	0.00	72.94	115 741.49	600 025.37	0.17	4.64	2.17	70.77	243 195.20	356 830.17
2657	+	0.00	0.00	6.83	0.00	116.71	115 741.49	600 142.08	0.64	6.19	8.18	108.53	243 203.38	356 938.70
2658	+	0.00	0.00	6.05	0.00	129.38	115 741.49	600 271.46	0.43	5.62	10.90	118.48	243 214.28	357 057.18
2658	+	14.62	0.00	5.00	0.00	81.21	115 741.49	600 352.67	0.62	4.38	7.83	73.38	243 222.11	357 130.56
2659	+	0.00	0.00	4.34	0.00	25.14	115 741.49	600 377.81	0.56	3.78	3.17	21.97	243 225.28	357 152.53
2660	+	0.00	0.12	1.80	1.20	61.78	115 742.69	600 439.59	0.18	1.62	7.47	54.31	243 232.75	357 206.84
2661	+	0.00	5.91	0.00	59.97	18.12	115 802.66	600 457.71	0.00	0.00	1.81	16.31	243 234.56	357 223.15
2662	+	0.00	9.12	0.00	149.56	-0.01	115 952.22	600 457.70	0.00	0.00	0.00	-0.01	243 234.56	357 223.14
2663	+	0.00	11.97	0.00	210.06	0.00	116 162.28	600 457.70	0.00	0.00	0.00	0.00	243 234.56	357 223.14
2664	+	0.00	12.24	0.00	241.12	0.00	116 403.40	600 457.70	0.00	0.00	0.00	0.00	243 234.56	357 223.14
2665	+	0.00	13.86	0.00	259.93	0.00	116 663.33	600 457.70	0.00	0.00	0.00	0.00	243 234.56	357 223.14
2665	+	2.52	13.88	0.00	34.97	0.00	116 698.30	600 457.70	0.00	0.00	0.00	0.00	243 234.56	357 223.14
2666	+	0.00	14.43	0.00	246.65	0.00	116 944.95	600 457.70	0.00	0.00	0.00	0.00	243 234.56	357 223.14
2667	+	0.00	15.31	0.00	296.95	0.00	117 241.90	600 457.70	0.00	0.00	0.00	0.00	243 234.56	357 223.14

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2667	+	17.52	18.64	0.00	297.42	0.00	117 539.32	600 457.70	0.00	0.00	0.00	0.00	243 234.56	357 223.14
2668	+	0.00	19.13	0.00	46.80	0.00	117 586.12	600 457.70	0.00	0.00	0.00	0.00	243 234.56	357 223.14
2669	+	0.00	24.44	0.00	435.64	-0.01	118 021.76	600 457.69	0.00	0.00	0.00	-0.01	243 234.56	357 223.13
2670	+	0.00	26.25	0.00	506.90	0.00	118 528.66	600 457.69	0.00	0.00	0.00	0.00	243 234.56	357 223.13
2671	+	0.00	27.70	0.00	539.54	0.00	119 068.20	600 457.69	0.00	0.00	0.00	0.00	243 234.56	357 223.13
2672	+	0.00	27.75	0.00	554.57	0.00	119 622.77	600 457.69	0.00	0.00	0.00	0.00	243 234.56	357 223.13
2672	+	19.29	26.26	0.00	520.90	0.00	120 143.67	600 457.69	0.00	0.00	0.00	0.00	243 234.56	357 223.13
2673	+	0.00	26.30	0.00	18.72	0.00	120 162.39	600 457.69	0.00	0.00	0.00	0.00	243 234.56	357 223.13
2674	+	0.00	22.56	0.00	488.67	0.00	120 651.06	600 457.69	0.00	0.00	0.00	0.00	243 234.56	357 223.13
2675	+	0.00	20.18	0.00	427.28	0.00	121 078.34	600 457.69	0.00	0.00	0.00	0.00	243 234.56	357 223.13
2675	+	17.29	16.86	0.00	319.89	0.00	121 398.23	600 457.69	0.00	0.00	0.00	0.00	243 234.56	357 223.13
2676	+	0.00	16.19	0.00	44.83	0.00	121 443.06	600 457.69	0.00	0.00	0.00	0.00	243 234.56	357 223.13
2677	+	0.00	8.98	0.00	251.36	-0.01	121 694.42	600 457.68	0.00	0.00	0.00	-0.01	243 234.56	357 223.12
2678	+	0.00	3.11	0.12	120.47	1.30	121 814.89	600 458.98	0.00	0.12	0.05	1.25	243 234.61	357 224.37
2679	+	0.00	1.04	1.26	41.11	14.10	121 856.00	600 473.08	0.09	1.17	1.01	13.09	243 235.62	357 237.46
2680	+	0.00	0.09	2.36	11.13	36.40	121 867.13	600 509.48	0.06	2.30	1.52	34.88	243 237.14	357 272.34
2680	+	4.44	0.11	1.85	0.43	9.31	121 867.56	600 518.79	0.05	1.80	0.23	9.08	243 237.37	357 281.42
2681	+	0.00	0.61	0.82	5.48	20.79	121 873.04	600 539.58	0.03	0.79	0.60	20.19	243 237.97	357 301.61
2682	+	0.00	1.18	0.14	17.68	9.61	121 890.72	600 549.19	0.01	0.13	0.39	9.22	243 238.36	357 310.83
2683	+	0.00	2.92	0.00	40.67	1.37	121 931.39	600 550.56	0.00	0.00	0.10	1.27	243 238.46	357 312.10
2684	+	0.00	2.24	0.00	51.26	0.00	121 982.65	600 550.56	0.00	0.00	0.00	0.00	243 238.46	357 312.10
2684	+	11.59	3.37	0.26	32.26	1.56	122 014.91	600 552.12	0.01	0.25	0.08	1.48	243 238.54	357 313.58
2685	+	0.00	1.63	0.54	20.86	3.45	122 035.77	600 555.57	0.14	0.40	0.66	2.79	243 239.20	357 316.37
2686	+	0.00	0.67	0.13	22.89	6.86	122 058.66	600 562.43	0.00	0.13	1.44	5.42	243 240.64	357 321.79
2687	+	0.00	0.00	1.31	6.68	14.46	122 065.34	600 576.89	0.08	1.23	0.84	13.62	243 241.48	357 335.41
2687	+	9.59	0.00	2.62	0.00	18.85	122 065.34	600 595.74	0.08	2.54	0.79	18.06	243 242.27	357 353.47

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2688	+	0.00	0.00	2.86	0.00	28.54	122 065.34	600 624.28	0.07	2.79	0.82	27.72	243 243.09	357 381.19
2689	+	0.00	0.00	2.94	0.00	58.05	122 065.34	600 682.33	0.17	2.77	2.45	55.60	243 245.54	357 436.79
2690	+	0.00	0.00	3.12	0.00	60.64	122 065.34	600 742.97	0.14	2.98	3.15	57.49	243 248.69	357 494.28
2691	+	0.00	0.00	3.50	0.00	66.22	122 065.34	600 809.19	0.23	3.27	3.76	62.46	243 252.45	357 556.74
2692	+	0.00	0.00	4.58	0.00	80.80	122 065.34	600 889.99	0.42	4.16	6.49	74.31	243 258.94	357 631.05
2693	+	0.00	0.00	7.38	0.00	119.59	122 065.34	601 009.58	1.49	5.89	19.08	100.51	243 278.02	357 731.56
2694	+	0.00	0.00	8.95	0.00	163.31	122 065.34	601 172.89	1.84	7.11	33.31	130.00	243 311.33	357 861.56
2695	+	0.00	0.00	10.89	0.00	198.44	122 065.34	601 371.33	2.96	7.93	48.03	150.41	243 359.36	358 011.97
2696	+	0.00	0.00	14.97	0.00	258.61	122 065.34	601 629.94	6.87	8.10	98.31	160.30	243 457.67	358 172.27
2697	+	0.00	0.00	17.99	0.00	329.54	122 065.34	601 959.48	4.56	13.43	114.28	215.26	243 571.95	358 387.53
2698	+	0.00	0.00	23.41	0.00	413.89	122 065.34	602 373.37	9.91	13.50	144.63	269.26	243 716.58	358 656.79
2699	+	0.00	0.00	25.38	0.00	487.83	122 065.34	602 861.20	11.88	13.50	217.83	270.00	243 934.41	358 926.79
2700	+	0.00	0.00	29.20	0.00	545.74	122 065.34	603 406.94	15.70	13.50	275.74	270.00	244 210.15	359 196.79
2701	+	0.00	0.00	29.55	0.00	587.41	122 065.34	603 994.35	16.05	13.50	317.41	270.00	244 527.56	359 466.79
2702	+	0.00	0.00	30.30	0.00	598.48	122 065.34	604 592.83	16.80	13.50	328.48	270.00	244 856.04	359 736.79
2703	+	0.00	0.00	30.47	0.00	607.74	122 065.34	605 200.57	16.97	13.50	337.74	270.00	245 193.78	360 006.79
2704	+	0.00	0.00	28.58	0.00	590.48	122 065.34	605 791.05	15.08	13.50	320.48	270.00	245 514.26	360 276.79
2705	+	0.00	0.00	31.15	0.00	597.22	122 065.34	606 388.27	17.65	13.50	327.22	270.00	245 841.48	360 546.79
2706	+	0.00	0.00	32.63	0.00	637.74	122 065.34	607 026.01	19.13	13.50	367.74	270.00	246 209.22	360 816.79
2706	+	3.07	0.00	32.77	0.00	100.23	122 065.34	607 126.24	19.27	13.50	58.85	41.38	246 268.07	360 858.17
2707	+	0.00	0.00	31.82	0.00	546.96	122 065.34	607 673.20	18.32	13.50	318.34	228.62	246 586.41	361 086.79
2708	+	0.00	0.00	30.19	0.00	620.60	122 065.34	608 293.80	16.69	13.50	350.60	270.00	246 937.01	361 356.79
2709	+	0.00	0.00	26.64	0.00	569.32	122 065.34	608 863.12	13.14	13.50	299.32	270.00	247 236.33	361 626.79
2709	+	1.07	0.00	26.61	0.00	28.36	122 065.34	608 891.48	13.11	13.50	13.98	14.38	247 250.31	361 641.17
2710	+	0.00	0.00	23.11	0.00	471.75	122 065.34	609 363.23	9.61	13.50	216.13	255.62	247 466.44	361 896.79
2710	+	8.96	0.00	24.24	0.00	212.49	122 065.34	609 575.72	10.74	13.50	91.55	120.94	247 557.99	362 017.73

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2711	+	0.00	0.00	23.89	0.00	266.49	122 065.34	609 842.21	10.39	13.50	117.43	149.06	247 675.42	362 166.79
2711	+	16.85	0.00	21.90	0.00	387.14	122 065.34	610 229.35	8.41	13.49	159.71	227.43	247 835.13	362 394.22
2712	+	0.00	0.00	22.27	0.00	69.55	122 065.34	610 298.90	8.77	13.50	27.05	42.50	247 862.18	362 436.72
2713	+	0.00	0.00	20.66	0.00	429.83	122 065.34	610 728.73	7.16	13.50	159.83	270.00	248 022.01	362 706.72
2714	+	0.00	0.00	15.29	0.00	359.75	122 065.34	611 088.48	2.61	12.68	97.90	261.85	248 119.91	362 968.57
2714	+	14.85	0.00	10.95	0.00	194.88	122 065.34	611 283.36	2.85	8.10	40.58	154.30	248 160.49	363 122.87
2715	+	0.00	0.00	10.65	0.00	55.60	122 065.34	611 338.96	2.67	7.98	14.21	41.39	248 174.70	363 164.26
2716	+	0.00	0.00	8.67	0.00	193.10	122 065.34	611 532.06	0.97	7.70	36.36	156.74	248 211.06	363 321.00
2717	+	0.00	0.00	6.76	0.00	154.27	122 065.34	611 686.33	0.33	6.43	12.99	141.28	248 224.05	363 462.28
2718	+	0.00	0.00	6.11	0.00	128.75	122 065.34	611 815.08	0.12	5.99	4.51	124.24	248 228.56	363 586.52
2719	+	0.00	0.00	9.93	0.00	160.45	122 065.34	611 975.53	2.26	7.67	23.80	136.65	248 252.36	363 723.17
2720	+	0.00	0.00	9.50	0.00	194.33	122 065.34	612 169.86	2.03	7.47	42.90	151.43	248 295.26	363 874.60
2721	+	0.00	0.00	11.70	0.00	211.97	122 065.34	612 381.83	0.64	11.06	26.70	185.27	248 321.96	364 059.87
2722	+	0.00	0.00	14.12	0.00	258.23	122 065.34	612 640.06	1.27	12.85	19.11	239.12	248 341.07	364 298.99
2723	+	0.00	0.00	12.12	0.00	262.46	122 065.34	612 902.52	0.74	11.38	20.11	242.35	248 361.18	364 541.34
2724	+	0.00	0.00	14.38	0.00	264.97	122 065.34	613 167.49	1.57	12.81	23.11	241.86	248 384.29	364 783.20
2725	+	0.00	0.00	17.04	0.00	314.12	122 065.34	613 481.61	3.54	13.50	51.07	263.05	248 435.36	365 046.25
2726	+	0.00	0.00	11.66	0.00	287.01	122 065.34	613 768.62	0.96	10.70	45.00	242.01	248 480.36	365 288.26
2727	+	0.00	0.00	14.29	0.00	259.52	122 065.34	614 028.14	1.58	12.71	25.43	234.09	248 505.79	365 522.35
2728	+	0.00	0.00	13.15	0.00	274.40	122 065.34	614 302.54	1.04	12.11	26.18	248.22	248 531.97	365 770.57
2729	+	0.00	0.00	9.29	0.00	224.44	122 065.34	614 526.98	1.22	8.07	22.55	201.89	248 554.52	365 972.46
2729	+	7.29	0.00	6.41	0.00	57.22	122 065.34	614 584.20	0.23	6.18	5.27	51.95	248 559.79	366 024.41
2730	+	0.00	0.00	2.37	0.00	55.84	122 065.34	614 640.04	0.04	2.33	1.73	54.11	248 561.52	366 078.52
2731	+	0.00	1.98	0.93	19.67	32.98	122 085.01	614 673.02	0.02	0.91	0.64	32.34	248 562.16	366 110.86
2732	+	0.00	0.00	2.37	19.60	32.93	122 104.61	614 705.95	0.08	2.29	0.98	31.95	248 563.14	366 142.81
2732	+	5.29	0.00	6.06	0.00	22.25	122 104.61	614 728.20	0.28	5.78	0.93	21.32	248 564.07	366 164.13

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2733	+	0.00	0.00	12.05	0.00	133.42	122 104.61	614 861.62	3.95	8.10	31.25	102.17	248 595.32	366 266.30
2734	+	0.00	0.00	21.66	0.00	337.60	122 104.61	615 199.22	8.16	13.50	121.60	216.00	248 716.92	366 482.30
2734	+	2.67	0.00	22.69	0.00	59.15	122 104.61	615 258.37	9.19	13.50	23.14	36.01	248 740.06	366 518.31
2735	+	0.00	0.00	26.29	0.00	425.07	122 104.61	615 683.44	12.79	13.50	191.08	233.99	248 931.14	366 752.30
2736	+	0.00	0.00	29.38	0.00	557.62	122 104.61	616 241.06	15.88	13.50	287.62	270.00	249 218.76	367 022.30
2736	+	0.05	0.00	29.39	0.00	1.35	122 104.61	616 242.41	15.89	13.50	0.73	0.62	249 219.49	367 022.92
2737	+	0.00	0.00	31.34	0.00	606.39	122 104.61	616 848.80	17.84	13.50	337.01	269.38	249 556.50	367 292.30
2738	+	0.00	0.00	32.83	0.00	641.78	122 104.61	617 490.58	19.33	13.50	371.78	270.00	249 928.28	367 562.30
2738	+	18.05	0.00	32.15	0.00	586.35	122 104.61	618 076.93	18.65	13.50	342.73	243.62	250 271.01	367 805.92
2739	+	0.00	0.00	32.07	0.00	62.75	122 104.61	618 139.68	18.57	13.50	36.37	26.38	250 307.38	367 832.30
2740	+	0.00	0.00	25.64	0.00	577.06	122 104.61	618 716.74	12.19	13.45	307.54	269.52	250 614.92	368 101.82
2741	+	0.00	0.00	16.90	0.00	425.40	122 104.61	619 142.14	5.08	11.82	172.66	252.74	250 787.58	368 354.56
2742	+	0.00	0.00	11.60	0.00	284.99	122 104.61	619 427.13	4.67	6.93	97.46	187.53	250 885.04	368 542.09
2743	+	0.00	0.00	9.00	0.00	206.00	122 104.61	619 633.13	2.15	6.85	68.21	137.79	250 953.25	368 679.88
2744	+	0.00	2.51	2.21	25.12	112.07	122 129.73	619 745.20	0.17	2.04	23.21	88.86	250 976.46	368 768.74
2745	+	0.00	1.44	3.63	39.49	58.27	122 169.22	619 803.47	0.30	3.33	4.63	53.64	250 981.09	368 822.38
2746	+	0.00	0.27	5.69	17.06	93.15	122 186.28	619 896.62	0.73	4.96	10.29	82.86	250 991.38	368 905.24
2747	+	0.00	0.95	4.66	12.21	103.54	122 198.49	620 000.16	0.23	4.43	9.59	93.95	251 000.97	368 999.19
2748	+	0.00	2.18	3.36	31.31	80.23	122 229.80	620 080.39	0.08	3.28	3.09	77.14	251 004.06	369 076.33
2749	+	0.00	4.75	2.87	69.33	62.36	122 299.13	620 142.75	0.04	2.83	1.24	61.12	251 005.30	369 137.45
2750	+	0.00	6.78	2.98	115.35	58.51	122 414.48	620 201.26	0.20	2.78	2.37	56.14	251 007.67	369 193.59
2751	+	0.00	7.61	0.40	143.90	33.77	122 558.38	620 235.03	0.00	0.40	1.96	31.81	251 009.63	369 225.40
2752	+	0.00	1.22	1.73	88.33	21.42	122 646.71	620 256.45	0.01	1.72	0.14	21.28	251 009.77	369 246.68
2753	+	0.00	0.00	6.73	12.25	84.70	122 658.96	620 341.15	1.09	5.64	11.03	73.67	251 020.80	369 320.35
2754	+	0.00	0.00	8.15	0.00	148.82	122 658.96	620 489.97	1.52	6.63	26.11	122.71	251 046.91	369 443.06
2755	+	0.00	0.00	11.64	0.00	197.95	122 658.96	620 687.92	4.48	7.16	60.03	137.92	251 106.94	369 580.98

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2756	+	0.00	0.00	12.99	0.00	246.22	122 658.96	620 934.14	5.42	7.57	98.96	147.26	251 205.90	369 728.24
2757	+	0.00	0.00	17.01	0.00	299.93	122 658.96	621 234.07	8.96	8.05	143.76	156.17	251 349.66	369 884.41
2757	+	1.57	0.00	17.30	0.00	26.98	122 658.96	621 261.05	9.25	8.05	14.32	12.66	251 363.98	369 897.07
2758	+	0.00	0.00	19.00	0.00	335.81	122 658.96	621 596.86	11.15	7.85	189.30	146.51	251 553.28	370 043.58
2759	+	0.00	0.00	15.18	0.00	343.28	122 658.96	621 940.14	8.03	7.15	193.27	150.01	251 746.55	370 193.59
2760	+	0.00	0.00	9.65	0.00	249.39	122 658.96	622 189.53	3.38	6.27	115.03	134.36	251 861.58	370 327.95
2760	+	1.06	0.00	9.42	0.00	10.06	122 658.96	622 199.59	3.25	6.17	3.50	6.56	251 865.08	370 334.51
2761	+	0.00	0.09	7.77	0.81	163.51	122 659.77	622 363.10	2.58	5.19	55.75	107.76	251 920.83	370 442.27
2762	+	0.00	0.84	5.32	9.19	131.58	122 668.96	622 494.68	1.30	4.02	39.16	92.42	251 959.99	370 534.69
2763	+	0.00	0.00	6.19	8.34	115.50	122 677.30	622 610.18	0.61	5.58	19.24	96.26	251 979.23	370 630.95
2763	+	0.54	0.00	6.20	0.00	3.32	122 677.30	622 613.50	0.61	5.59	0.33	2.99	251 979.56	370 633.94
2764	+	0.00	0.00	5.69	0.00	115.68	122 677.30	622 729.18	0.26	5.43	8.44	107.24	251 988.00	370 741.18
2765	+	0.00	0.00	3.57	0.00	92.56	122 677.30	622 821.74	0.03	3.54	2.87	89.69	251 990.87	370 830.87
2766	+	0.00	0.00	4.77	0.00	83.31	122 677.30	622 905.05	0.09	4.68	1.18	82.13	251 992.05	370 913.00
2767	+	0.00	0.00	5.56	0.00	103.16	122 677.30	623 008.21	0.29	5.27	3.73	99.43	251 995.78	371 012.43
2768	+	0.00	0.01	3.14	0.11	86.95	122 677.41	623 095.16	0.00	3.14	2.86	84.09	251 998.64	371 096.52
2769	+	0.00	0.28	1.17	2.92	43.15	122 680.33	623 138.31	0.00	1.17	0.00	43.15	251 998.64	371 139.67
2770	+	0.00	1.13	0.35	14.07	15.18	122 694.40	623 153.49	0.00	0.35	0.00	15.18	251 998.64	371 154.85
2771	+	0.00	0.47	0.79	15.93	11.36	122 710.33	623 164.85	0.00	0.79	0.00	11.36	251 998.64	371 166.21
2772	+	0.00	0.05	1.26	5.16	20.48	122 715.49	623 185.33	0.00	1.26	0.00	20.48	251 998.64	371 186.69
2773	+	0.00	0.00	1.49	0.50	27.59	122 715.99	623 212.92	0.06	1.43	0.65	26.94	251 999.29	371 213.63
2774	+	0.00	0.15	0.86	1.49	23.54	122 717.48	623 236.46	0.01	0.85	0.72	22.82	252 000.01	371 236.45
2775	+	0.00	0.45	0.38	5.95	12.36	122 723.43	623 248.82	0.00	0.38	0.08	12.28	252 000.09	371 248.73
2776	+	0.00	3.17	0.00	36.14	3.80	122 759.57	623 252.62	0.00	0.00	0.01	3.79	252 000.10	371 252.52
2777	+	0.00	7.51	0.00	106.77	0.00	122 866.34	623 252.62	0.00	0.00	0.00	0.00	252 000.10	371 252.52
2777	+	16.42	14.69	0.00	182.30	0.00	123 048.64	623 252.62	0.00	0.00	0.00	0.00	252 000.10	371 252.52

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2778	+	0.00	16.07	0.00	54.99	-0.01	123 103.63	623 252.61	0.00	0.00	0.00	-0.01	252 000.10	371 252.51
2779	+	0.00	23.73	0.00	397.63	-0.01	123 501.26	623 252.60	0.00	0.00	0.00	-0.01	252 000.10	371 252.50
2780	+	0.00	32.65	0.00	563.28	-0.01	124 064.54	623 252.59	0.00	0.00	0.00	-0.01	252 000.10	371 252.49
2781	+	0.00	39.69	0.00	722.93	-0.01	124 787.47	623 252.58	0.00	0.00	0.00	-0.01	252 000.10	371 252.48
2781	+	12.34	33.73	0.00	452.63	0.00	125 240.10	623 252.58	0.00	0.00	0.00	0.00	252 000.10	371 252.48
2782	+	0.00	30.31	0.00	245.13	0.00	125 485.23	623 252.58	0.00	0.00	0.00	0.00	252 000.10	371 252.48
2783	+	0.00	8.46	0.00	387.18	-0.01	125 872.41	623 252.57	0.00	0.00	0.00	-0.01	252 000.10	371 252.47
2784	+	0.00	0.00	5.72	84.58	57.25	125 956.99	623 309.82	0.44	5.28	4.38	52.87	252 004.48	371 305.34
2785	+	0.00	0.00	10.75	0.00	164.99	125 956.99	623 474.81	2.94	7.81	33.98	131.01	252 038.46	371 436.35
2785	+	8.26	0.00	11.49	0.00	91.90	125 956.99	623 566.71	3.64	7.85	27.18	64.72	252 065.64	371 501.07
2786	+	0.00	0.00	9.66	0.00	124.16	125 956.99	623 690.87	1.91	7.75	32.57	91.59	252 098.21	371 592.66
2787	+	0.00	0.00	6.70	0.00	163.69	125 956.99	623 854.56	1.02	5.68	29.35	134.34	252 127.56	371 727.00
2788	+	0.00	0.00	2.21	0.00	89.07	125 956.99	623 943.63	0.03	2.18	10.49	78.58	252 138.05	371 805.58
2789	+	0.00	0.02	0.67	0.21	28.72	125 957.20	623 972.35	0.00	0.67	0.26	28.46	252 138.31	371 834.04
2790	+	0.00	0.28	1.02	3.03	16.98	125 960.23	623 989.33	0.01	1.01	0.15	16.83	252 138.46	371 850.87
2791	+	0.00	0.63	0.53	9.10	15.58	125 969.33	624 004.91	0.00	0.53	0.15	15.43	252 138.61	371 866.30
2792	+	0.00	0.22	1.23	8.50	17.67	125 977.83	624 022.58	0.00	1.23	0.04	17.63	252 138.65	371 883.93
2793	+	0.00	0.11	2.09	3.31	33.31	125 981.14	624 055.89	0.02	2.07	0.27	33.04	252 138.92	371 916.97
2794	+	0.00	0.00	3.43	1.09	55.21	125 982.23	624 111.10	0.07	3.36	0.91	54.30	252 139.83	371 971.27
2795	+	0.00	0.00	6.11	0.00	95.44	125 982.23	624 206.54	0.45	5.66	5.23	90.21	252 145.06	372 061.48
2796	+	0.00	0.00	7.95	0.00	140.60	125 982.23	624 347.14	1.09	6.86	15.43	125.17	252 160.49	372 186.65
2797	+	0.00	0.00	9.51	0.00	174.56	125 982.23	624 521.70	1.83	7.68	29.21	145.35	252 189.70	372 332.00
2798	+	0.00	0.00	12.88	0.00	223.91	125 982.23	624 745.61	4.78	8.10	66.14	157.77	252 255.84	372 489.77
2799	+	0.00	0.00	15.09	0.00	279.77	125 982.23	625 025.38	2.09	13.00	68.72	211.05	252 324.56	372 700.82
2800	+	0.00	0.00	17.89	0.00	329.87	125 982.23	625 355.25	4.39	13.50	64.82	265.05	252 389.38	372 965.87
2801	+	0.00	0.00	18.66	0.00	365.53	125 982.23	625 720.78	5.16	13.50	95.53	270.00	252 484.91	373 235.87

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2802	+	0.00	0.00	21.04	0.00	397.01	125 982.23	626 117.79	7.54	13.50	127.01	270.00	252 611.92	373 505.87
2802	+	16.38	0.00	23.27	0.00	362.90	125 982.23	626 480.69	9.77	13.50	141.78	221.12	252 753.70	373 726.99
2803	+	0.00	0.00	23.50	0.00	84.69	125 982.23	626 565.38	10.00	13.50	35.81	48.88	252 789.51	373 775.87
2804	+	0.00	0.00	25.57	0.00	490.69	125 982.23	627 056.07	12.07	13.50	220.69	270.00	253 010.20	374 045.87
2805	+	0.00	0.00	27.40	0.00	529.65	125 982.23	627 585.72	13.90	13.50	259.65	270.00	253 269.85	374 315.87
2806	+	0.00	0.00	30.74	0.00	581.35	125 982.23	628 167.07	17.24	13.50	311.35	270.00	253 581.20	374 585.87
2807	+	0.00	0.00	33.98	0.00	647.20	125 982.23	628 814.27	20.48	13.50	377.20	270.00	253 958.40	374 855.87
2808	+	0.00	0.00	37.06	0.00	710.42	125 982.23	629 524.69	23.56	13.50	440.42	270.00	254 398.82	375 125.87
2809	+	0.00	0.00	40.31	0.00	773.71	125 982.23	630 298.40	26.81	13.50	503.71	270.00	254 902.53	375 395.87
2810	+	0.00	0.00	45.22	0.00	855.37	125 982.23	631 153.77	31.72	13.50	585.37	270.00	255 487.90	375 665.87
2811	+	0.00	0.00	48.60	0.00	938.19	125 982.23	632 091.96	35.10	13.50	668.19	270.00	256 156.09	375 935.87
2811	+	15.28	0.00	50.72	0.00	758.80	125 982.23	632 850.76	37.22	13.50	552.51	206.29	256 708.60	376 142.16
2812	+	0.00	0.00	51.91	0.00	242.15	125 982.23	633 092.91	38.41	13.50	178.44	63.71	256 887.04	376 205.87
2813	+	0.00	0.00	52.81	0.00	1 047.16	125 982.23	634 140.07	39.31	13.50	777.16	270.00	257 664.20	376 475.87
2814	+	0.00	0.00	49.41	0.00	1 022.21	125 982.23	635 162.28	35.91	13.50	752.21	270.00	258 416.41	376 745.87
2815	+	0.00	0.00	38.11	0.00	875.26	125 982.23	636 037.54	24.61	13.50	605.26	270.00	259 021.67	377 015.87
2816	+	0.00	0.00	22.57	0.00	606.81	125 982.23	636 644.35	9.07	13.50	336.81	270.00	259 358.48	377 285.87
2817	+	0.00	0.00	17.90	0.00	404.66	125 982.23	637 049.01	4.42	13.48	134.85	269.81	259 493.33	377 555.68
2818	+	0.00	0.00	18.15	0.00	360.46	125 982.23	637 409.47	4.65	13.50	90.65	269.81	259 583.98	377 825.49
2819	+	0.00	0.00	17.18	0.00	353.33	125 982.23	637 762.80	3.85	13.33	85.04	268.29	259 669.02	378 093.78
2820	+	0.00	0.00	17.90	0.00	350.79	125 982.23	638 113.59	4.45	13.45	83.04	267.75	259 752.06	378 361.53
2820	+	14.18	0.00	17.92	0.00	254.01	125 982.23	638 367.60	4.46	13.46	63.21	190.80	259 815.27	378 552.33
2821	+	0.00	0.00	19.15	0.00	107.81	125 982.23	638 475.41	5.65	13.50	29.41	78.40	259 844.68	378 630.73
2822	+	0.00	0.00	20.19	0.00	393.33	125 982.23	638 868.74	6.69	13.50	123.38	269.95	259 968.06	378 900.68
2823	+	0.00	0.00	20.17	0.00	403.64	125 982.23	639 272.38	6.67	13.50	133.64	270.00	260 101.70	379 170.68
2824	+	0.00	0.00	21.75	0.00	419.24	125 982.23	639 691.62	8.25	13.50	149.24	270.00	260 250.94	379 440.68

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2825	+	0.00	0.00	26.79	0.00	485.37	125 982.23	640 176.99	13.29	13.50	215.37	270.00	260 466.31	379 710.68
2826	+	0.00	0.00	30.13	0.00	569.15	125 982.23	640 746.14	16.63	13.50	299.15	270.00	260 765.46	379 980.68
2827	+	0.00	0.00	31.63	0.00	617.58	125 982.23	641 363.72	18.13	13.50	347.58	270.00	261 113.04	380 250.68
2828	+	0.00	0.00	34.39	0.00	660.18	125 982.23	642 023.90	20.89	13.50	390.18	270.00	261 503.22	380 520.68
2829	+	0.00	0.00	36.07	0.00	704.56	125 982.23	642 728.46	22.57	13.50	434.56	270.00	261 937.78	380 790.68
2830	+	0.00	0.00	36.08	0.00	721.42	125 982.23	643 449.88	22.58	13.50	451.42	270.00	262 389.20	381 060.68
2831	+	0.00	0.00	36.28	0.00	723.60	125 982.23	644 173.48	22.78	13.50	453.60	270.00	262 842.80	381 330.68
2832	+	0.00	0.00	33.43	0.00	697.10	125 982.23	644 870.58	19.93	13.50	427.10	270.00	263 269.90	381 600.68
2833	+	0.00	0.00	32.85	0.00	662.79	125 982.23	645 533.37	19.35	13.50	392.79	270.00	263 662.69	381 870.68
2834	+	0.00	0.00	31.78	0.00	646.36	125 982.23	646 179.73	18.28	13.50	376.36	270.00	264 039.05	382 140.68
2835	+	0.00	0.00	29.41	0.00	611.97	125 982.23	646 791.70	15.91	13.50	341.97	270.00	264 381.02	382 410.68
2836	+	0.00	0.00	29.80	0.00	592.14	125 982.23	647 383.84	16.30	13.50	322.14	270.00	264 703.16	382 680.68
2837	+	0.00	0.00	26.44	0.00	562.38	125 982.23	647 946.22	12.94	13.50	292.38	270.00	264 995.54	382 950.68
2838	+	0.00	0.00	24.45	0.00	508.87	125 982.23	648 455.09	10.95	13.50	238.87	270.00	265 234.41	383 220.68
2839	+	0.00	0.00	21.44	0.00	458.93	125 982.23	648 914.02	7.94	13.50	188.93	270.00	265 423.34	383 490.68
2840	+	0.00	0.00	23.64	0.00	450.86	125 982.23	649 364.88	10.14	13.50	180.86	270.00	265 604.20	383 760.68
2841	+	0.00	0.00	21.45	0.00	450.92	125 982.23	649 815.80	7.95	13.50	180.92	270.00	265 785.12	384 030.68
2842	+	0.00	0.00	20.24	0.00	416.93	125 982.23	650 232.73	6.74	13.50	146.93	270.00	265 932.05	384 300.68
2843	+	0.00	0.00	19.35	0.00	395.89	125 982.23	650 628.62	5.87	13.48	126.13	269.76	266 058.18	384 570.44
2844	+	0.00	0.00	16.81	0.00	361.61	125 982.23	650 990.23	3.49	13.32	93.66	267.95	266 151.84	384 838.39
2845	+	0.00	0.00	14.78	0.00	315.88	125 982.23	651 306.11	2.01	12.77	55.01	260.87	266 206.85	385 099.26
2846	+	0.00	0.00	10.18	0.00	249.52	125 982.23	651 555.63	2.32	7.86	43.25	206.27	266 250.10	385 305.53
2847	+	0.00	0.00	7.31	0.00	174.93	125 982.23	651 730.56	0.46	6.85	27.80	147.13	266 277.90	385 452.66
2848	+	0.00	0.00	3.75	0.00	110.66	125 982.23	651 841.22	0.14	3.61	6.02	104.64	266 283.92	385 557.30
2849	+	0.00	0.84	0.90	8.41	46.48	125 990.64	651 887.70	0.00	0.90	1.41	45.07	266 285.33	385 602.37
2850	+	0.00	0.58	0.53	14.23	14.26	126 004.87	651 901.96	0.00	0.53	0.00	14.26	266 285.33	385 616.63

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2851	+	0.00	0.39	0.22	9.72	7.46	126 014.59	651 909.42	0.00	0.22	0.00	7.46	266 285.33	385 624.09
2852	+	0.00	0.02	2.33	4.15	25.45	126 018.74	651 934.87	0.02	2.31	0.17	25.28	266 285.50	385 649.37
2853	+	0.00	0.00	3.06	0.24	53.81	126 018.98	651 988.68	0.02	3.04	0.35	53.46	266 285.85	385 702.83
2854	+	0.00	0.02	2.36	0.16	54.08	126 019.14	652 042.76	0.00	2.36	0.21	53.87	266 286.06	385 756.70
2855	+	0.00	0.00	5.89	0.16	82.46	126 019.30	652 125.22	0.10	5.79	1.05	81.41	266 287.11	385 838.11
2856	+	0.00	0.00	2.40	0.00	82.94	126 019.30	652 208.16	0.01	2.39	1.15	81.79	266 288.26	385 919.90
2857	+	0.00	0.00	2.28	0.00	46.81	126 019.30	652 254.97	0.01	2.27	0.21	46.60	266 288.47	385 966.50
2858	+	0.00	0.26	0.29	2.59	25.70	126 021.89	652 280.67	0.00	0.29	0.08	25.62	266 288.55	385 992.12
2859	+	0.00	0.09	1.87	3.51	21.60	126 025.40	652 302.27	0.00	1.87	0.00	21.60	266 288.55	386 013.72
2860	+	0.00	0.05	1.32	1.44	31.88	126 026.84	652 334.15	0.00	1.32	0.00	31.88	266 288.55	386 045.60
2861	+	0.00	1.79	0.00	18.44	13.19	126 045.28	652 347.34	0.00	0.00	0.00	13.19	266 288.55	386 058.79
2862	+	0.00	2.02	0.00	38.15	0.00	126 083.43	652 347.34	0.00	0.00	0.00	0.00	266 288.55	386 058.79
2863	+	0.00	0.00	3.70	20.23	36.97	126 103.66	652 384.31	0.08	3.62	0.81	36.16	266 289.36	386 094.95
2864	+	0.00	0.00	11.77	0.00	154.65	126 103.66	652 538.96	3.77	8.00	38.50	116.15	266 327.86	386 211.10
2865	+	0.00	0.00	15.05	0.00	268.23	126 103.66	652 807.19	6.95	8.10	107.24	160.99	266 435.10	386 372.09
2865	+	11.07	0.00	14.94	0.00	166.05	126 103.66	652 973.24	6.84	8.10	76.35	89.70	266 511.45	386 461.79
2866	+	0.00	0.00	11.56	0.00	118.25	126 103.66	653 091.49	3.46	8.10	45.95	72.30	266 557.40	386 534.09
2867	+	0.00	0.00	11.74	0.00	233.09	126 103.66	653 324.58	3.97	7.77	74.36	158.73	266 631.76	386 692.82
2867	+	19.07	0.00	7.59	0.00	184.08	126 103.66	653 508.66	1.64	5.95	53.34	130.74	266 685.10	386 823.56
2868	+	0.00	0.00	7.17	0.00	6.83	126 103.66	653 515.49	1.58	5.59	1.49	5.34	266 686.59	386 828.90
2869	+	0.00	0.10	9.85	1.06	169.04	126 104.72	653 684.53	3.96	5.89	54.69	114.35	266 741.28	386 943.25
2870	+	0.00	0.00	16.07	1.06	258.25	126 105.78	653 942.78	7.97	8.10	118.57	139.68	266 859.85	387 082.93
2871	+	0.00	0.00	15.88	0.00	319.19	126 105.78	654 261.97	7.78	8.10	157.19	162.00	267 017.04	387 244.93
2872	+	0.00	0.66	2.49	6.74	183.52	126 112.52	654 445.49	0.08	2.41	78.58	104.94	267 095.62	387 349.87
2872	+	5.39	2.78	0.63	9.30	8.43	126 121.82	654 453.92	0.06	0.57	0.39	8.04	267 096.01	387 357.91
2873	+	0.00	8.18	1.46	80.69	14.99	126 202.51	654 468.91	0.19	1.27	1.75	13.24	267 097.76	387 371.15

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2874	+	0.00	18.01	0.00	261.90	14.31	126 464.41	654 483.22	0.00	0.00	1.82	12.49	267 099.58	387 383.64
2875	+	0.00	17.49	0.00	353.83	-0.01	126 818.24	654 483.21	0.00	0.00	0.00	-0.01	267 099.58	387 383.63
2876	+	0.00	14.91	0.00	322.93	-0.01	127 141.17	654 483.20	0.00	0.00	0.00	-0.01	267 099.58	387 383.62
2876	+	11.71	13.71	0.00	167.15	0.00	127 308.32	654 483.20	0.00	0.00	0.00	0.00	267 099.58	387 383.62
2877	+	0.00	12.42	0.00	108.00	0.00	127 416.32	654 483.20	0.00	0.00	0.00	0.00	267 099.58	387 383.62
2878	+	0.00	9.78	0.00	221.67	0.00	127 637.99	654 483.20	0.00	0.00	0.00	0.00	267 099.58	387 383.62
2878	+	19.71	8.22	0.00	177.39	-0.01	127 815.38	654 483.19	0.00	0.00	0.00	-0.01	267 099.58	387 383.61
2879	+	0.00	8.18	0.00	2.35	0.00	127 817.73	654 483.19	0.00	0.00	0.00	0.00	267 099.58	387 383.61
2880	+	0.00	3.45	0.04	116.31	0.36	127 934.04	654 483.55	0.00	0.04	0.00	0.36	267 099.58	387 383.97
2881	+	0.00	1.58	0.48	50.17	5.19	127 984.21	654 488.74	0.06	0.42	0.65	4.54	267 100.23	387 388.51
2881	+	7.71	1.49	1.28	11.73	6.85	127 995.94	654 495.59	0.23	1.05	1.14	5.71	267 101.37	387 394.22
2882	+	0.00	0.16	2.45	10.00	23.13	128 005.94	654 518.72	0.49	1.96	4.47	18.66	267 105.84	387 412.88
2883	+	0.00	0.03	5.69	1.82	82.04	128 007.76	654 600.76	1.18	4.51	16.93	65.11	267 122.77	387 477.99
2884	+	0.00	0.00	11.11	0.28	168.96	128 008.04	654 769.72	3.58	7.53	48.23	120.73	267 171.00	387 598.72
2884	+	15.64	0.00	15.56	0.00	209.60	128 008.04	654 979.32	7.50	8.06	87.58	122.02	267 258.58	387 720.74
2885	+	0.00	0.00	16.84	0.00	70.62	128 008.04	655 049.94	8.74	8.10	35.39	35.23	267 293.97	387 755.97
2886	+	0.00	0.00	21.84	0.00	388.36	128 008.04	655 438.30	8.47	13.37	173.62	214.74	267 467.59	387 970.71
2887	+	0.00	0.00	25.15	0.00	471.70	128 008.04	655 910.00	11.65	13.50	202.96	268.74	267 670.55	388 239.45
2888	+	0.00	0.00	25.92	0.00	512.54	128 008.04	656 422.54	12.42	13.50	242.54	270.00	267 913.09	388 509.45
2888	+	3.57	0.00	26.10	0.00	92.83	128 008.04	656 515.37	12.60	13.50	44.65	48.18	267 957.74	388 557.63
2889	+	0.00	0.00	26.92	0.00	436.80	128 008.04	656 952.17	13.42	13.50	214.98	221.82	268 172.72	388 779.45
2890	+	0.00	0.00	25.00	0.00	519.77	128 008.04	657 471.94	11.50	13.50	249.77	270.00	268 422.49	389 049.45
2890	+	11.57	0.00	23.45	0.00	280.28	128 008.04	657 752.22	9.95	13.50	124.10	156.18	268 546.59	389 205.63
2891	+	0.00	0.00	22.80	0.00	194.98	128 008.04	657 947.20	9.30	13.50	81.16	113.82	268 627.75	389 319.45
2892	+	0.00	0.00	20.37	0.00	431.64	128 008.04	658 378.84	6.87	13.50	161.64	270.00	268 789.39	389 589.45
2893	+	0.00	0.00	18.83	0.00	391.93	128 008.04	658 770.77	5.39	13.44	122.53	269.40	268 911.92	389 858.85

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2894	+	0.00	0.00	18.81	0.00	376.40	128 008.04	659 147.17	5.31	13.50	107.00	269.40	269 018.92	390 128.25
2895	+	0.00	0.00	18.99	0.00	378.00	128 008.04	659 525.17	5.49	13.50	108.00	270.00	269 126.92	390 398.25
2896	+	0.00	0.00	17.28	0.00	362.73	128 008.04	659 887.90	3.85	13.43	93.41	269.32	269 220.33	390 667.57
2897	+	0.00	0.00	15.53	0.00	328.18	128 008.04	660 216.08	2.66	12.87	65.11	263.07	269 285.44	390 930.64
2897	+	8.37	0.00	14.64	0.00	126.25	128 008.04	660 342.33	6.56	8.08	38.57	87.68	269 324.01	391 018.32
2898	+	0.00	0.00	13.52	0.00	164.07	128 008.04	660 506.40	5.83	7.69	72.34	91.73	269 396.35	391 110.05
2899	+	0.00	0.00	13.17	0.00	267.51	128 008.04	660 773.91	5.31	7.86	111.92	155.59	269 508.27	391 265.64
2900	+	0.00	0.00	11.38	0.00	246.12	128 008.04	661 020.03	3.81	7.57	91.74	154.38	269 600.01	391 420.02
2901	+	0.00	0.00	9.14	0.00	205.84	128 008.04	661 225.87	2.11	7.03	59.65	146.19	269 659.66	391 566.21
2901	+	3.02	0.00	9.34	0.00	27.90	128 008.04	661 253.77	2.10	7.24	6.35	21.55	269 666.01	391 587.76
2902	+	0.00	0.00	8.66	0.00	153.13	128 008.04	661 406.90	1.53	7.13	31.02	122.11	269 697.03	391 709.87
2903	+	0.00	0.00	7.36	0.00	160.44	128 008.04	661 567.34	1.15	6.21	26.98	133.46	269 724.01	391 843.33
2904	+	0.00	0.00	6.26	0.00	136.47	128 008.04	661 703.81	0.63	5.63	17.95	118.52	269 741.96	391 961.85
2904	+	17.67	0.00	5.81	0.00	106.81	128 008.04	661 810.62	0.27	5.54	8.01	98.80	269 749.97	392 060.65
2905	+	0.00	0.00	5.55	0.00	13.25	128 008.04	661 823.87	0.20	5.35	0.55	12.70	269 750.52	392 073.35
2906	+	0.00	0.00	5.35	0.00	109.01	128 008.04	661 932.88	0.13	5.22	3.33	105.68	269 753.85	392 179.03
2907	+	0.00	0.05	3.17	0.53	85.17	128 008.57	662 018.05	0.02	3.15	1.46	83.71	269 755.31	392 262.74
2908	+	0.00	0.06	2.87	1.12	60.36	128 009.69	662 078.41	0.00	2.87	0.16	60.20	269 755.47	392 322.94
2909	+	0.00	0.06	2.83	1.20	57.02	128 010.89	662 135.43	0.00	2.83	0.01	57.01	269 755.48	392 379.95
2910	+	0.00	0.09	2.57	1.53	54.10	128 012.42	662 189.53	0.00	2.57	0.00	54.10	269 755.48	392 434.05
2911	+	0.00	0.08	2.28	1.73	48.57	128 014.15	662 238.10	0.00	2.28	0.00	48.57	269 755.48	392 482.62
2912	+	0.00	0.21	1.88	2.89	41.57	128 017.04	662 279.67	0.01	1.87	0.10	41.47	269 755.58	392 524.09
2913	+	0.00	0.18	1.45	3.83	33.24	128 020.87	662 312.91	0.02	1.43	0.31	32.93	269 755.89	392 557.02
2914	+	0.00	0.02	1.65	1.98	30.97	128 022.85	662 343.88	0.01	1.64	0.29	30.68	269 756.18	392 587.70
2915	+	0.00	0.10	1.34	1.23	29.91	128 024.08	662 373.79	0.03	1.31	0.36	29.55	269 756.54	392 617.25
2916	+	0.00	0.47	0.58	5.70	19.23	128 029.78	662 393.02	0.00	0.58	0.29	18.94	269 756.83	392 636.19

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2917	+	0.00	0.89	0.17	13.55	7.45	128 043.33	662 400.47	0.00	0.17	0.01	7.44	269 756.84	392 643.63
2918	+	0.00	2.39	0.00	32.73	1.63	128 076.06	662 402.10	0.00	0.00	0.00	1.63	269 756.84	392 645.26
2919	+	0.00	4.50	0.00	68.84	0.00	128 144.90	662 402.10	0.00	0.00	0.00	0.00	269 756.84	392 645.26
2920	+	0.00	5.93	0.00	104.29	0.00	128 249.19	662 402.10	0.00	0.00	0.00	0.00	269 756.84	392 645.26
2921	+	0.00	8.22	0.00	141.56	-0.01	128 390.75	662 402.09	0.00	0.00	0.00	-0.01	269 756.84	392 645.25
2922	+	0.00	9.96	0.00	181.84	0.00	128 572.59	662 402.09	0.00	0.00	0.00	0.00	269 756.84	392 645.25
2923	+	0.00	11.11	0.00	210.73	0.00	128 783.32	662 402.09	0.00	0.00	0.00	0.00	269 756.84	392 645.25
2924	+	0.00	12.93	0.00	240.47	0.00	129 023.79	662 402.09	0.00	0.00	0.00	0.00	269 756.84	392 645.25
2925	+	0.00	14.91	0.00	278.44	-0.01	129 302.23	662 402.08	0.00	0.00	0.00	-0.01	269 756.84	392 645.24
2926	+	0.00	15.87	0.00	307.84	-0.01	129 610.07	662 402.07	0.00	0.00	0.00	-0.01	269 756.84	392 645.23
2927	+	0.00	15.22	0.00	310.98	0.00	129 921.05	662 402.07	0.00	0.00	0.00	0.00	269 756.84	392 645.23
2928	+	0.00	17.88	0.00	331.06	-0.01	130 252.11	662 402.06	0.00	0.00	0.00	-0.01	269 756.84	392 645.22
2929	+	0.00	17.79	0.00	356.76	0.00	130 608.87	662 402.06	0.00	0.00	0.00	0.00	269 756.84	392 645.22
2930	+	0.00	17.55	0.00	353.39	0.00	130 962.26	662 402.06	0.00	0.00	0.00	0.00	269 756.84	392 645.22
2931	+	0.00	14.34	0.00	318.86	0.00	131 281.12	662 402.06	0.00	0.00	0.00	0.00	269 756.84	392 645.22
2932	+	0.00	2.24	0.01	165.81	0.07	131 446.93	662 402.13	0.00	0.01	0.01	0.06	269 756.85	392 645.28
2933	+	0.00	0.00	3.06	22.41	30.67	131 469.34	662 432.80	0.01	3.05	0.10	30.57	269 756.95	392 675.85
2934	+	0.00	0.00	1.76	0.00	48.21	131 469.34	662 481.01	0.00	1.76	0.09	48.12	269 757.04	392 723.97
2935	+	0.00	0.05	0.93	0.51	26.96	131 469.85	662 507.97	0.00	0.93	0.01	26.95	269 757.05	392 750.92
2936	+	0.00	0.00	3.43	0.51	43.70	131 470.36	662 551.67	0.27	3.16	2.73	40.97	269 759.78	392 791.89
2937	+	0.00	0.00	2.32	0.00	57.50	131 470.36	662 609.17	0.05	2.27	3.20	54.30	269 762.98	392 846.19
2937	+	8.78	0.00	3.80	0.00	26.85	131 470.36	662 636.02	0.11	3.69	0.69	26.16	269 763.67	392 872.35
2938	+	0.00	0.00	4.98	0.00	49.31	131 470.36	662 685.33	0.21	4.77	1.80	47.51	269 765.47	392 919.86
2939	+	0.00	0.00	5.16	0.00	101.63	131 470.36	662 786.96	0.37	4.79	5.85	95.78	269 771.32	393 015.64
2939	+	17.78	0.00	5.81	0.00	97.77	131 470.36	662 884.73	0.56	5.25	8.35	89.42	269 779.67	393 105.06
2940	+	0.00	0.00	5.80	0.00	12.88	131 470.36	662 897.61	0.47	5.33	1.14	11.74	269 780.81	393 116.80

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2941	+	0.00	0.00	7.03	0.00	128.59	131 470.36	663 026.20	1.10	5.93	15.80	112.79	269 796.61	393 229.59
2942	+	0.00	0.00	6.94	0.00	140.01	131 470.36	663 166.21	0.49	6.45	16.05	123.96	269 812.66	393 353.55
2942	+	6.79	0.00	7.19	0.00	47.94	131 470.36	663 214.15	0.52	6.67	3.43	44.51	269 816.09	393 398.06
2943	+	0.00	0.00	8.18	0.00	101.57	131 470.36	663 315.72	1.13	7.05	10.86	90.71	269 826.95	393 488.77
2944	+	0.00	0.00	7.62	0.00	157.97	131 470.36	663 473.69	0.37	7.25	14.93	143.04	269 841.88	393 631.81
2945	+	0.00	0.00	7.84	0.00	154.59	131 470.36	663 628.28	0.58	7.26	9.46	145.13	269 851.34	393 776.94
2946	+	0.00	0.00	7.36	0.00	152.06	131 470.36	663 780.34	0.38	6.98	9.58	142.48	269 860.92	393 919.42
2947	+	0.00	0.00	7.27	0.00	146.33	131 470.36	663 926.67	0.33	6.94	7.13	139.20	269 868.05	394 058.62
2948	+	0.00	0.00	7.67	0.00	149.35	131 470.36	664 076.02	0.75	6.92	10.84	138.51	269 878.89	394 197.13
2949	+	0.00	0.00	7.74	0.00	154.11	131 470.36	664 230.13	0.65	7.09	14.04	140.07	269 892.93	394 337.20
2950	+	0.00	0.00	9.66	0.00	174.02	131 470.36	664 404.15	2.17	7.49	28.19	145.83	269 921.12	394 483.03
2951	+	0.00	0.00	10.64	0.00	202.97	131 470.36	664 607.12	2.88	7.76	50.43	152.54	269 971.55	394 635.57
2952	+	0.00	0.00	12.35	0.00	229.86	131 470.36	664 836.98	0.84	11.51	37.15	192.71	270 008.70	394 828.28
2953	+	0.00	0.00	13.61	0.00	259.54	131 470.36	665 096.52	1.22	12.39	20.55	238.99	270 029.25	395 067.27
2954	+	0.00	0.00	16.93	0.00	305.40	131 470.36	665 401.92	3.52	13.41	47.38	258.02	270 076.63	395 325.29
2955	+	0.00	0.00	18.31	0.00	352.42	131 470.36	665 754.34	4.82	13.49	83.36	269.06	270 159.99	395 594.35
2956	+	0.00	0.00	21.06	0.00	393.68	131 470.36	666 148.02	7.56	13.50	123.73	269.95	270 283.72	395 864.30
2957	+	0.00	0.00	21.90	0.00	429.52	131 470.36	666 577.54	8.40	13.50	159.52	270.00	270 443.24	396 134.30
2958	+	0.00	0.00	22.27	0.00	441.69	131 470.36	667 019.23	8.77	13.50	171.69	270.00	270 614.93	396 404.30
2959	+	0.00	0.00	21.72	0.00	439.90	131 470.36	667 459.13	8.22	13.50	169.90	270.00	270 784.83	396 674.30
2960	+	0.00	0.00	20.69	0.00	424.12	131 470.36	667 883.25	7.19	13.50	154.12	270.00	270 938.95	396 944.30
2961	+	0.00	0.00	18.56	0.00	392.58	131 470.36	668 275.83	5.06	13.50	122.58	270.00	271 061.53	397 214.30
2962	+	0.00	0.00	16.65	0.00	352.04	131 470.36	668 627.87	3.22	13.43	82.78	269.26	271 144.31	397 483.56
2963	+	0.00	0.00	15.31	0.00	319.55	131 470.36	668 947.42	2.46	12.85	56.76	262.79	271 201.07	397 746.35
2964	+	0.00	0.00	15.46	0.00	307.73	131 470.36	669 255.15	2.44	13.02	49.01	258.72	271 250.08	398 005.07
2965	+	0.00	0.00	12.88	0.00	283.38	131 470.36	669 538.53	0.84	12.04	32.77	250.61	271 282.85	398 255.68

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2966	+	0.00	0.00	11.57	0.00	244.47	131 470.36	669 783.00	0.66	10.91	15.00	229.47	271 297.85	398 485.15
2967	+	0.00	0.00	10.67	0.00	222.35	131 470.36	670 005.35	2.62	8.05	32.84	189.51	271 330.69	398 674.66
2968	+	0.00	0.00	8.81	0.00	194.76	131 470.36	670 200.11	1.14	7.67	37.57	157.19	271 368.26	398 831.85
2969	+	0.00	0.00	7.51	0.00	163.14	131 470.36	670 363.25	0.70	6.81	18.34	144.80	271 386.60	398 976.65
2969	+	14.45	0.00	5.74	0.00	95.68	131 470.36	670 458.93	0.24	5.50	6.75	88.93	271 393.35	399 065.58
2970	+	0.00	0.00	4.93	0.00	29.58	131 470.36	670 488.51	0.19	4.74	1.18	28.40	271 394.53	399 093.98
2971	+	0.00	0.33	3.05	3.26	79.69	131 473.62	670 568.20	0.29	2.76	4.76	74.93	271 399.29	399 168.91
2972	+	0.00	1.42	2.84	17.28	59.32	131 490.90	670 627.52	0.49	2.35	7.89	51.43	271 407.18	399 220.34
2972	+	2.45	1.63	2.74	3.73	6.82	131 494.63	670 634.34	0.48	2.26	1.18	5.64	271 408.36	399 225.98
2973	+	0.00	2.21	1.05	33.31	33.62	131 527.94	670 667.96	0.19	0.86	5.97	27.65	271 414.33	399 253.63
2974	+	0.00	0.22	3.51	24.09	45.42	131 552.03	670 713.38	0.57	2.94	7.55	37.87	271 421.88	399 291.50
2975	+	0.00	0.48	4.91	7.05	83.41	131 559.08	670 796.79	1.21	3.70	17.55	65.86	271 439.43	399 357.36
2976	+	0.00	2.40	1.13	29.06	59.93	131 588.14	670 856.72	0.00	1.13	11.96	47.97	271 451.39	399 405.33
2977	+	0.00	4.59	3.20	70.58	43.02	131 658.72	670 899.74	0.17	3.03	1.72	41.30	271 453.11	399 446.63
2977	+	1.76	5.08	2.03	8.51	4.60	131 667.23	670 904.34	0.00	2.03	0.15	4.45	271 453.26	399 451.08
2978	+	0.00	11.99	0.24	156.63	20.46	131 823.86	670 924.80	0.00	0.24	0.03	20.43	271 453.29	399 471.51
2979	+	0.00	22.98	0.00	350.64	2.32	132 174.50	670 927.12	0.00	0.00	0.01	2.31	271 453.30	399 473.82
2980	+	0.00	32.47	0.00	554.78	0.00	132 729.28	670 927.12	0.00	0.00	0.00	0.00	271 453.30	399 473.82
2981	+	0.00	42.90	0.00	753.25	-0.01	133 482.53	670 927.11	0.00	0.00	0.00	-0.01	271 453.30	399 473.81
2982	+	0.00	38.75	0.00	814.67	0.00	134 297.20	670 927.11	0.00	0.00	0.00	0.00	271 453.30	399 473.81
2982	+	1.07	36.90	0.00	40.45	0.00	134 337.65	670 927.11	0.00	0.00	0.00	0.00	271 453.30	399 473.81
2983	+	0.00	25.76	0.00	591.62	0.00	134 929.27	670 927.11	0.00	0.00	0.00	0.00	271 453.30	399 473.81
2984	+	0.00	5.55	0.00	312.78	0.00	135 242.05	670 927.11	0.00	0.00	0.00	0.00	271 453.30	399 473.81
2984	+	9.07	1.26	1.70	30.89	7.71	135 272.94	670 934.82	0.03	1.67	0.11	7.60	271 453.41	399 481.41
2985	+	0.00	0.00	10.60	6.89	67.20	135 279.83	671 002.02	2.70	7.90	14.89	52.31	271 468.30	399 533.72
2986	+	0.00	0.00	70.88	0.00	814.75	135 279.83	671 816.77	57.38	13.50	600.80	213.95	272 069.10	399 747.67

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
2987	+	0.00	0.00	105.91	0.00	1 767.94	135 279.83	673 584.71	92.41	13.50	1 497.94	270.00	273 567.04	400 017.67
2987	+	12.37	0.00	0.00	0.00	655.16	135 279.83	674 239.87	0.00	0.00	571.65	83.51	274 138.69	400 101.18
2991	+	17.40	0.00	0.00	0.00	0.00	135 279.83	674 239.87	0.00	0.00	0.00	0.00	274 138.69	400 101.18
2992	+	0.00	0.00	127.18	0.00	165.41	135 279.83	674 405.28	113.68	13.50	147.85	17.56	274 286.54	400 118.74
2993	+	0.00	0.00	109.74	0.00	2 369.22	135 279.83	676 774.50	96.24	13.50	2 099.22	270.00	276 385.76	400 388.74
2994	+	0.00	0.00	130.55	0.00	2 402.98	135 279.83	679 177.48	117.05	13.50	2 132.98	270.00	278 518.74	400 658.74
2995	+	0.00	0.00	120.29	0.00	2 508.40	135 279.83	681 685.88	106.79	13.50	2 238.40	270.00	280 757.14	400 928.74
2996	+	0.00	0.00	120.18	0.00	2 404.64	135 279.83	684 090.52	106.68	13.50	2 134.64	270.00	282 891.78	401 198.74
2996	+	0.33	0.00	119.72	0.00	40.01	135 279.83	684 130.53	106.22	13.50	35.51	4.50	282 927.29	401 203.24
2997	+	0.00	0.00	72.81	0.00	1 893.16	135 279.83	686 023.69	59.31	13.50	1 627.66	265.50	284 554.95	401 468.74
2998	+	0.00	0.00	31.29	0.00	1 043.14	135 279.83	687 066.83	17.79	13.50	773.14	270.00	285 328.09	401 738.74
2998	+	18.33	6.78	0.26	61.44	290.91	135 341.27	687 357.74	0.02	0.24	164.88	126.03	285 492.97	401 864.77
2999	+	0.00	6.84	0.15	11.35	0.34	135 352.62	687 358.08	0.01	0.14	0.02	0.32	285 492.99	401 865.09
3000	+	0.00	8.35	0.02	149.90	1.68	135 502.52	687 359.76	0.00	0.02	0.09	1.59	285 493.08	401 866.68
3001	+	0.00	10.21	0.00	183.66	0.18	135 686.18	687 359.94	0.00	0.00	0.02	0.16	285 493.10	401 866.84
3002	+	0.00	10.76	0.00	207.82	0.00	135 894.00	687 359.94	0.00	0.00	0.00	0.00	285 493.10	401 866.84
3003	+	0.00	7.10	0.03	176.72	0.29	136 070.72	687 360.23	0.00	0.03	0.03	0.26	285 493.13	401 867.10
3003	+	8.00	6.39	0.22	53.27	0.98	136 123.99	687 361.21	0.03	0.19	0.12	0.86	285 493.25	401 867.96
3004	+	0.00	5.44	0.37	69.97	3.57	136 193.96	687 364.78	0.04	0.33	0.43	3.14	285 493.68	401 871.10
3005	+	0.00	2.48	2.65	78.01	30.98	136 271.97	687 395.76	0.55	2.10	6.14	24.84	285 499.82	401 895.94
3006	+	0.00	0.94	5.51	33.61	83.35	136 305.58	687 479.11	2.16	3.35	27.81	55.54	285 527.63	401 951.48
3007	+	0.00	0.00	9.94	9.23	156.56	136 314.81	687 635.67	3.01	6.93	52.99	103.57	285 580.62	402 055.05
3007	+	17.67	0.00	15.22	0.00	224.46	136 314.81	687 860.13	7.20	8.02	92.14	132.32	285 672.76	402 187.37
3008	+	0.00	0.00	15.63	0.00	35.91	136 314.81	687 896.04	7.55	8.08	17.17	18.74	285 689.93	402 206.11
3009	+	0.00	0.00	15.79	0.00	315.77	136 314.81	688 211.81	7.69	8.10	153.94	161.83	285 843.87	402 367.94
3010	+	0.00	0.00	17.51	0.00	333.42	136 314.81	688 545.23	4.18	13.33	119.12	214.30	285 962.99	402 582.24

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
3010	+	15.67	0.00	17.23	0.00	272.22	136 314.81	688 817.45	3.78	13.45	62.37	209.85	286 025.36	402 792.09
3011	+	0.00	0.00	15.91	0.00	71.71	136 314.81	688 889.16	2.64	13.27	13.90	57.81	286 039.26	402 849.90
3012	+	0.00	0.00	12.34	0.00	282.46	136 314.81	689 171.62	1.15	11.19	37.93	244.53	286 077.19	403 094.43
3013	+	0.00	0.00	12.31	0.00	246.46	136 314.81	689 418.08	1.07	11.24	22.22	224.24	286 099.41	403 318.67
3014	+	0.00	0.00	12.94	0.00	252.58	136 314.81	689 670.66	1.20	11.74	22.76	229.82	286 122.17	403 548.49
3015	+	0.00	0.00	11.98	0.00	249.32	136 314.81	689 919.98	3.88	8.10	50.88	198.44	286 173.05	403 746.93
3015	+	17.74	0.00	12.99	0.00	221.55	136 314.81	690 141.53	4.89	8.10	77.84	143.71	286 250.89	403 890.64
3016	+	0.00	0.00	13.29	0.00	29.67	136 314.81	690 171.20	5.19	8.10	11.38	18.29	286 262.27	403 908.93
3017	+	0.00	0.00	11.87	0.00	251.57	136 314.81	690 422.77	3.77	8.10	89.57	162.00	286 351.84	404 070.93
3018	+	0.00	0.00	9.50	0.00	214.00	136 314.81	690 636.77	1.89	7.61	56.84	157.16	286 408.68	404 228.09
3018	+	15.74	0.00	6.08	0.00	123.32	136 314.81	690 760.09	1.51	4.57	27.15	96.17	286 435.83	404 324.26
3019	+	0.00	0.26	5.54	0.55	24.74	136 315.36	690 784.83	1.23	4.31	5.85	18.89	286 441.68	404 343.15
3020	+	0.00	1.08	3.50	13.13	91.42	136 328.49	690 876.25	0.44	3.06	17.02	74.40	286 458.70	404 417.55
3021	+	0.00	0.37	5.81	14.21	94.22	136 342.70	690 970.47	1.30	4.51	17.79	76.43	286 476.49	404 493.98
3021	+	15.02	0.00	13.77	2.73	148.48	136 345.43	691 118.95	3.30	10.47	35.33	113.15	286 511.82	404 607.13
3022	+	0.00	0.00	15.75	0.00	73.57	136 345.43	691 192.52	4.97	10.78	20.62	52.95	286 532.44	404 660.08
3023	+	0.00	0.00	23.53	0.00	395.69	136 345.43	691 588.21	10.44	13.09	156.43	239.26	286 688.87	404 899.34
3024	+	0.00	0.00	33.44	0.00	572.62	136 345.43	692 160.83	19.94	13.50	306.62	266.00	286 995.49	405 165.34
3024	+	14.29	0.00	40.00	0.00	527.07	136 345.43	692 687.90	26.50	13.50	334.13	192.94	287 329.62	405 358.28
3025	+	0.00	0.00	40.73	0.00	231.33	136 345.43	692 919.23	27.23	13.50	154.27	77.06	287 483.89	405 435.34
3026	+	0.00	0.00	36.25	0.00	772.40	136 345.43	693 691.63	22.75	13.50	502.40	270.00	287 986.29	405 705.34
3027	+	0.00	0.00	35.25	0.00	716.19	136 345.43	694 407.82	21.75	13.50	446.19	270.00	288 432.48	405 975.34
3027	+	12.29	0.00	38.32	0.00	452.20	136 345.43	694 860.02	24.82	13.50	286.26	165.94	288 718.74	406 141.28
3028	+	0.00	0.00	38.59	0.00	296.43	136 345.43	695 156.45	25.09	13.50	192.37	104.06	288 911.11	406 245.34
3029	+	0.00	0.00	37.15	0.00	757.38	136 345.43	695 913.83	23.65	13.50	487.38	270.00	289 398.49	406 515.34
3029	+	8.03	0.00	34.50	0.00	287.75	136 345.43	696 201.58	21.00	13.50	179.31	108.44	289 577.80	406 623.78

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
3030	+	0.00	0.00	29.06	0.00	380.34	136 345.43	696 581.92	15.56	13.50	218.78	161.56	289 796.58	406 785.34
3031	+	0.00	0.00	14.87	0.00	439.60	136 345.43	697 021.52	2.27	12.60	178.57	261.03	289 975.15	407 046.37
3032	+	0.00	0.93	1.59	9.20	164.90	136 354.63	697 186.42	0.01	1.58	22.86	142.04	289 998.01	407 188.41
3032	+	6.03	3.32	0.45	12.64	6.27	136 367.27	697 192.69	0.00	0.45	0.05	6.22	289 998.06	407 194.63
3033	+	0.00	10.15	0.00	93.24	3.21	136 460.51	697 195.90	0.00	0.00	0.01	3.20	289 998.07	407 197.83
3034	+	0.00	12.68	0.00	227.27	-0.01	136 687.78	697 195.89	0.00	0.00	0.00	-0.01	289 998.07	407 197.82
3034	+	8.18	10.66	0.00	95.11	0.00	136 782.89	697 195.89	0.00	0.00	0.00	0.00	289 998.07	407 197.82
3035	+	0.00	4.68	0.00	90.23	0.00	136 873.12	697 195.89	0.00	0.00	0.00	0.00	289 998.07	407 197.82
3036	+	0.00	0.14	3.61	47.75	36.66	136 920.87	697 232.55	0.32	3.29	3.31	33.35	290 001.38	407 231.17
3036	+	10.32	0.00	8.32	0.70	62.27	136 921.57	697 294.82	1.98	6.34	12.17	50.10	290 013.55	407 281.27
3037	+	0.00	0.00	11.37	0.00	96.08	136 921.57	697 390.90	3.84	7.53	28.73	67.35	290 042.28	407 348.62
3038	+	0.00	0.00	16.29	0.00	277.36	136 921.57	697 668.26	2.86	13.43	67.73	209.63	290 110.01	407 558.25
3039	+	0.00	0.00	18.88	0.00	351.67	136 921.57	698 019.93	5.38	13.50	82.39	269.28	290 192.40	407 827.53
3039	+	8.32	0.00	19.71	0.00	160.44	136 921.57	698 180.37	6.22	13.49	48.21	112.23	290 240.61	407 939.76
3040	+	0.00	0.00	16.97	0.00	214.24	136 921.57	698 394.61	3.73	13.24	58.12	156.12	290 298.73	408 095.88
3041	+	0.00	0.00	15.01	0.00	320.53	136 921.57	698 715.14	6.97	8.04	107.67	212.86	290 406.40	408 308.74
3042	+	0.00	0.00	10.29	0.00	254.71	136 921.57	698 969.85	3.70	6.59	108.11	146.60	290 514.51	408 455.34
3042	+	6.32	0.00	9.31	0.00	62.57	136 921.57	699 032.42	3.26	6.05	22.44	40.13	290 536.95	408 495.47
3043	+	0.00	0.00	5.96	0.00	105.47	136 921.57	699 137.89	0.73	5.23	27.94	77.53	290 564.89	408 573.00
3044	+	0.00	0.00	5.48	0.00	115.21	136 921.57	699 253.10	0.52	4.96	12.85	102.36	290 577.74	408 675.36
3045	+	0.00	0.22	2.01	2.16	75.73	136 923.73	699 328.83	0.13	1.88	6.74	68.99	290 584.48	408 744.35
3045	+	17.77	0.43	2.03	5.65	36.69	136 929.38	699 365.52	0.23	1.80	3.38	33.31	290 587.86	408 777.66
3046	+	0.00	0.36	2.37	0.88	4.91	136 930.26	699 370.43	0.24	2.13	0.53	4.38	290 588.39	408 782.04
3047	+	0.00	0.77	3.39	11.09	58.79	136 941.35	699 429.22	0.44	2.95	7.06	51.73	290 595.45	408 833.77
3048	+	0.00	1.04	5.98	17.69	95.43	136 959.04	699 524.65	1.86	4.12	23.62	71.81	290 619.07	408 905.58
3049	+	0.00	0.30	11.05	13.09	172.89	136 972.13	699 697.54	2.37	8.68	43.43	129.46	290 662.50	409 035.04

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
3049	+	9.23	0.00	14.90	1.35	121.32	136 973.48	699 818.86	4.39	10.51	32.06	89.26	290 694.56	409 124.30
3050	+	0.00	0.00	18.88	0.00	183.74	136 973.48	700 002.60	6.46	12.42	59.79	123.95	290 754.35	409 248.25
3051	+	0.00	0.00	25.21	0.00	443.49	136 973.48	700 446.09	11.71	13.50	184.14	259.35	290 938.49	409 507.60
3052	+	0.00	0.00	25.56	0.00	508.92	136 973.48	700 955.01	12.06	13.50	238.92	270.00	291 177.41	409 777.60
3052	+	7.23	0.00	24.89	0.00	182.32	136 973.48	701 137.33	11.39	13.50	84.74	97.58	291 262.15	409 875.18
3053	+	0.00	0.00	24.47	0.00	315.16	136 973.48	701 452.49	11.10	13.37	143.59	171.57	291 405.74	410 046.75
3053	+	15.50	0.00	24.29	0.00	377.84	136 973.48	701 830.33	10.93	13.36	170.68	207.16	291 576.42	410 253.91
3054	+	0.00	0.00	23.30	0.00	107.06	136 973.48	701 937.39	9.97	13.33	47.01	60.05	291 623.43	410 313.96
3055	+	0.00	0.00	20.04	0.00	434.04	136 973.48	702 371.43	6.66	13.38	167.00	267.04	291 790.43	410 581.00
3056	+	0.00	0.00	16.85	0.00	370.02	136 973.48	702 741.45	3.88	12.97	106.46	263.56	291 896.89	410 844.56
3056	+	13.50	0.00	15.89	0.00	222.08	136 973.48	702 963.53	3.53	12.36	50.90	171.18	291 947.79	411 015.74
3057	+	0.00	0.00	14.88	0.00	100.66	136 973.48	703 064.19	3.10	11.78	22.03	78.63	291 969.82	411 094.37
3058	+	0.00	0.00	16.04	0.00	311.06	136 973.48	703 375.25	3.39	12.65	66.23	244.83	292 036.05	411 339.20
3059	+	0.00	0.00	15.59	0.00	317.96	136 973.48	703 693.21	3.28	12.31	67.94	250.02	292 103.99	411 589.22
3059	+	3.91	0.00	15.47	0.00	60.71	136 973.48	703 753.92	3.32	12.15	12.90	47.81	292 116.89	411 637.03
3060	+	0.00	0.00	16.01	0.00	254.68	136 973.48	704 008.60	3.64	12.37	56.99	197.69	292 173.88	411 834.72
3061	+	0.00	0.00	14.16	0.00	303.42	136 973.48	704 312.02	6.07	8.09	98.57	204.85	292 272.45	412 039.57
3061	+	14.32	0.00	12.37	0.00	191.21	136 973.48	704 503.23	4.52	7.85	77.04	114.17	292 349.49	412 153.74
3062	+	0.00	0.00	11.67	0.00	68.77	136 973.48	704 572.00	3.94	7.73	24.48	44.29	292 373.97	412 198.03
3063	+	0.00	0.00	9.36	0.00	211.25	136 973.48	704 783.25	1.58	7.78	56.00	155.25	292 429.97	412 353.28
3064	+	0.00	0.00	6.69	0.00	160.73	136 973.48	704 943.98	0.42	6.27	20.15	140.58	292 450.12	412 493.86
3064	+	12.32	0.00	4.46	0.00	68.72	136 973.48	705 012.70	0.11	4.35	3.31	65.41	292 453.43	412 559.27
3065	+	0.00	0.00	5.07	0.00	36.60	136 973.48	705 049.30	0.13	4.94	0.94	35.66	292 454.37	412 594.93
3066	+	0.00	0.00	9.75	0.00	148.16	136 973.48	705 197.46	0.39	9.36	5.19	142.97	292 459.56	412 737.90
3067	+	0.00	0.00	15.13	0.00	248.72	136 973.48	705 446.18	2.35	12.78	27.32	221.40	292 486.88	412 959.30
3068	+	0.00	0.00	15.50	0.00	306.34	136 973.48	705 752.52	2.56	12.94	49.07	257.27	292 535.95	413 216.57

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
3069	+	0.00	0.00	14.78	0.00	302.84	136 973.48	706 055.36	2.17	12.61	47.35	255.49	292 583.30	413 472.06
3070	+	0.00	0.00	14.37	0.00	291.52	136 973.48	706 346.88	2.14	12.23	43.17	248.35	292 626.47	413 720.41
3071	+	0.00	0.00	11.01	0.00	253.75	136 973.48	706 600.63	0.67	10.34	28.11	225.64	292 654.58	413 946.05
3072	+	0.00	0.00	10.67	0.00	216.71	136 973.48	706 817.34	2.64	8.03	33.07	183.64	292 687.65	414 129.69
3073	+	0.00	0.00	9.06	0.00	197.20	136 973.48	707 014.54	1.49	7.57	41.24	155.96	292 728.89	414 285.65
3074	+	0.00	0.00	8.83	0.00	178.85	136 973.48	707 193.39	1.86	6.97	33.45	145.40	292 762.34	414 431.05
3075	+	0.00	0.00	5.08	0.03	139.15	136 973.51	707 332.54	0.21	4.87	20.66	118.49	292 783.00	414 549.54
3076	+	0.00	0.00	1.73	0.03	68.10	136 973.54	707 400.64	0.01	1.72	2.17	65.93	292 785.17	414 615.47
3076	+	12.77	0.66	0.33	4.23	13.17	136 977.77	707 413.81	0.01	0.32	0.16	13.01	292 785.33	414 628.48
3077	+	0.00	0.33	0.59	3.60	3.35	136 981.37	707 417.16	0.05	0.54	0.23	3.12	292 785.56	414 631.60
3078	+	0.00	0.00	6.44	3.31	70.44	136 984.68	707 487.60	0.86	5.58	9.16	61.28	292 794.72	414 692.88
3079	+	0.00	0.00	10.09	0.00	165.82	136 984.68	707 653.42	2.25	7.84	31.46	134.36	292 826.18	414 827.24
3079	+	10.77	0.00	12.17	0.00	120.41	136 984.68	707 773.83	4.07	8.10	34.54	85.87	292 860.72	414 913.11
3080	+	0.00	0.00	10.55	0.00	105.46	136 984.68	707 879.29	2.83	7.72	32.41	73.05	292 893.13	414 986.16
3081	+	0.00	0.00	12.59	0.00	232.07	136 984.68	708 111.36	4.49	8.10	73.77	158.30	292 966.90	415 144.46
3082	+	0.00	0.00	11.76	0.00	244.07	136 984.68	708 355.43	3.82	7.94	83.62	160.45	293 050.52	415 304.91
3083	+	0.00	0.00	13.14	0.00	250.53	136 984.68	708 605.96	5.24	7.90	92.02	158.51	293 142.54	415 463.42
3084	+	0.00	0.00	12.85	0.00	261.82	136 984.68	708 867.78	5.03	7.82	104.50	157.32	293 247.04	415 620.74
3085	+	0.00	0.00	12.45	0.00	254.99	136 984.68	709 122.77	4.73	7.72	99.39	155.60	293 346.43	415 776.34
3085	+	18.76	0.00	11.64	0.00	227.94	136 984.68	709 350.71	4.41	7.23	87.38	140.56	293 433.81	415 916.90
3086	+	0.00	0.00	11.55	0.00	14.36	136 984.68	709 365.07	4.30	7.25	5.39	8.97	293 439.20	415 925.87
3087	+	0.00	0.00	8.92	0.00	206.45	136 984.68	709 571.52	2.19	6.73	66.14	140.31	293 505.34	416 066.18
3088	+	0.00	0.00	5.90	0.00	149.54	136 984.68	709 721.06	0.64	5.26	28.92	120.62	293 534.26	416 186.80
3089	+	0.00	0.00	4.33	0.04	103.41	136 984.72	709 824.47	0.43	3.90	11.02	92.39	293 545.28	416 279.19
3090	+	0.00	0.05	4.50	0.56	89.57	136 985.28	709 914.04	0.92	3.58	13.95	75.62	293 559.23	416 354.81
3091	+	0.00	0.16	3.36	2.08	79.99	136 987.36	709 994.03	0.74	2.62	17.10	62.89	293 576.33	416 417.70

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
3092	+	0.00	0.14	5.28	2.90	88.13	136 990.26	710 082.16	1.91	3.37	27.24	60.89	293 603.57	416 478.59
3092	+	6.75	0.40	4.70	1.76	34.40	136 992.02	710 116.56	1.43	3.27	11.62	22.78	293 615.19	416 501.37
3093	+	0.00	0.00	4.88	2.56	64.48	136 994.58	710 181.04	1.00	3.88	16.56	47.92	293 631.75	416 549.29
3094	+	0.00	0.00	6.57	0.00	115.12	136 994.58	710 296.16	0.55	6.02	15.72	99.40	293 647.47	416 648.69
3095	+	0.00	0.00	6.64	0.00	132.18	136 994.58	710 428.34	0.44	6.20	9.96	122.22	293 657.43	416 770.91
3095	+	4.75	0.00	7.26	0.00	33.04	136 994.58	710 461.38	0.82	6.44	3.01	30.03	293 660.44	416 800.94
3096	+	0.00	0.00	9.15	0.00	125.10	136 994.58	710 586.48	1.27	7.88	15.96	109.14	293 676.40	416 910.08
3096	+	14.87	0.00	13.48	0.00	168.34	136 994.58	710 754.82	5.38	8.10	49.49	118.85	293 725.89	417 028.93
3097	+	0.00	0.00	12.30	0.00	66.08	136 994.58	710 820.90	4.20	8.10	24.56	41.52	293 750.45	417 070.45
3098	+	0.00	0.00	15.50	0.00	278.44	136 994.58	711 099.34	7.40	8.10	116.44	162.00	293 866.89	417 232.45
3099	+	0.00	0.00	16.18	0.00	317.41	136 994.58	711 416.75	8.08	8.10	155.41	162.00	294 022.30	417 394.45
3100	+	0.00	0.00	18.97	0.00	351.97	136 994.58	711 768.72	5.47	13.50	135.97	216.00	294 158.27	417 610.45
3101	+	0.00	0.00	20.71	0.00	397.19	136 994.58	712 165.91	7.21	13.50	127.19	270.00	294 285.46	417 880.45
3101	+	11.34	0.00	22.26	0.00	243.70	136 994.58	712 409.61	8.76	13.50	90.55	153.15	294 376.01	418 033.60
3102	+	0.00	0.00	24.23	0.00	201.21	136 994.58	712 610.82	10.73	13.50	84.36	116.85	294 460.37	418 150.45
3103	+	0.00	0.00	24.34	0.00	485.96	136 994.58	713 096.78	10.84	13.50	215.96	270.00	294 676.33	418 420.45
3104	+	0.00	0.00	25.03	0.00	494.12	136 994.58	713 590.90	11.53	13.50	224.12	270.00	294 900.45	418 690.45
3105	+	0.00	0.00	24.97	0.00	500.66	136 994.58	714 091.56	11.47	13.50	230.66	270.00	295 131.11	418 960.45
3106	+	0.00	0.00	25.57	0.00	505.91	136 994.58	714 597.47	12.07	13.50	235.91	270.00	295 367.02	419 230.45
3106	+	7.82	0.00	25.04	0.00	197.76	136 994.58	714 795.23	11.54	13.50	92.26	105.50	295 459.28	419 335.95
3107	+	0.00	0.00	22.64	0.00	290.52	136 994.58	715 085.75	9.14	13.50	126.02	164.50	295 585.30	419 500.45
3108	+	0.00	0.00	21.27	0.00	439.09	136 994.58	715 524.84	7.77	13.50	169.09	270.00	295 754.39	419 770.45
3109	+	0.00	0.00	15.44	0.00	367.15	136 994.58	715 891.99	2.23	13.21	100.02	267.13	295 854.41	420 037.58
3110	+	0.00	0.00	15.38	0.00	308.24	136 994.58	716 200.23	1.98	13.40	42.11	266.13	295 896.52	420 303.71
3111	+	0.00	0.00	14.91	0.00	302.84	136 994.58	716 503.07	1.86	13.05	38.33	264.51	295 934.85	420 568.22
3112	+	0.00	0.00	12.82	0.00	277.26	136 994.58	716 780.33	0.91	11.91	27.64	249.62	295 962.49	420 817.84

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
3113	+	0.00	0.00	12.90	0.00	257.19	136 994.58	717 037.52	0.98	11.92	18.86	238.33	295 981.35	421 056.17
3114	+	0.00	0.00	12.29	0.00	251.89	136 994.58	717 289.41	4.19	8.10	51.66	200.23	296 033.01	421 256.40
3115	+	0.00	0.00	11.00	0.00	232.88	136 994.58	717 522.29	2.90	8.10	70.88	162.00	296 103.89	421 418.40
3116	+	0.00	0.00	9.37	0.00	203.67	136 994.58	717 725.96	1.33	8.04	42.27	161.40	296 146.16	421 579.80
3117	+	0.00	0.00	8.33	0.00	176.94	136 994.58	717 902.90	0.75	7.58	20.75	156.19	296 166.91	421 735.99
3118	+	0.00	0.00	6.62	0.00	149.40	136 994.58	718 052.30	0.38	6.24	11.23	138.17	296 178.14	421 874.16
3119	+	0.00	0.00	6.20	0.00	128.04	136 994.58	718 180.34	0.26	5.94	6.31	121.73	296 184.45	421 995.89
3120	+	0.00	0.00	6.22	0.00	124.05	136 994.58	718 304.39	0.28	5.94	5.34	118.71	296 189.79	422 114.60
3121	+	0.00	0.00	4.99	0.00	111.95	136 994.58	718 416.34	0.12	4.87	3.94	108.01	296 193.73	422 222.61
3122	+	0.00	0.00	4.85	0.00	98.27	136 994.58	718 514.61	0.06	4.79	1.71	96.56	296 195.44	422 319.17
3123	+	0.00	0.00	4.79	0.00	96.38	136 994.58	718 610.99	0.00	4.79	0.58	95.80	296 196.02	422 414.97
3124	+	0.00	0.38	2.87	3.78	76.63	136 998.36	718 687.62	0.00	2.87	0.02	76.61	296 196.04	422 491.58
3125	+	0.00	0.73	1.26	11.11	41.38	137 009.47	718 729.00	0.00	1.26	0.00	41.38	296 196.04	422 532.96
3126	+	0.00	2.90	0.00	36.30	12.68	137 045.77	718 741.68	0.00	0.00	0.00	12.68	296 196.04	422 545.64
3127	+	0.00	2.46	0.00	53.61	0.00	137 099.38	718 741.68	0.00	0.00	0.00	0.00	296 196.04	422 545.64
3128	+	0.00	0.57	0.54	30.37	5.45	137 129.75	718 747.13	0.00	0.54	0.00	5.45	296 196.04	422 551.09
3129	+	0.00	0.07	2.80	6.40	33.36	137 136.15	718 780.49	0.01	2.79	0.06	33.30	296 196.10	422 584.39
3129	+	19.78	0.00	4.72	0.66	74.27	137 136.81	718 854.76	0.14	4.58	1.41	72.86	296 197.51	422 657.25
3130	+	0.00	0.00	4.73	0.00	1.03	137 136.81	718 855.79	0.14	4.59	0.03	1.00	296 197.54	422 658.25
3131	+	0.00	0.00	4.63	0.00	93.87	137 136.81	718 949.66	0.15	4.48	2.95	90.92	296 200.49	422 749.17
3132	+	0.00	0.00	4.09	0.05	87.54	137 136.86	719 037.20	0.17	3.92	3.28	84.26	296 203.77	422 833.43
3133	+	0.00	0.46	3.50	4.58	76.09	137 141.44	719 113.29	0.13	3.37	3.03	73.06	296 206.80	422 906.49
3134	+	0.00	0.56	3.73	10.09	72.52	137 151.53	719 185.81	0.56	3.17	6.97	65.55	296 213.77	422 972.04
3134	+	15.74	0.18	3.32	5.79	55.73	137 157.32	719 241.54	0.37	2.95	7.37	48.36	296 221.14	423 020.40
3135	+	0.00	0.11	2.96	0.61	13.36	137 157.93	719 254.90	0.19	2.77	1.19	12.17	296 222.33	423 032.57
3136	+	0.00	0.40	3.46	5.04	64.54	137 162.97	719 319.44	0.51	2.95	7.12	57.42	296 229.45	423 089.99

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m²)		Volume Geométrico (m³)		Volume Acumulado (m³)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
3137	+	0.00	0.10	4.64	4.93	81.30	137 167.90	719 400.74	0.47	4.17	9.89	71.41	296 239.34	423 161.40
3138	+	0.00	0.00	6.05	0.95	107.10	137 168.85	719 507.84	0.63	5.42	11.05	96.05	296 250.39	423 257.45
3139	+	0.00	0.00	7.15	0.00	132.29	137 168.85	719 640.13	1.22	5.93	18.66	113.63	296 269.05	423 371.08
3139	+	11.70	0.00	6.73	0.00	81.22	137 168.85	719 721.35	0.67	6.06	11.09	70.13	296 280.14	423 441.21
3140	+	0.00	0.00	6.59	0.00	55.33	137 168.85	719 776.68	0.38	6.21	4.37	50.96	296 284.51	423 492.17
3141	+	0.00	0.00	9.60	0.00	161.96	137 168.85	719 938.64	1.99	7.61	23.69	138.27	296 308.20	423 630.44
3142	+	0.00	0.00	17.02	0.00	266.21	137 168.85	720 204.85	3.73	13.29	57.16	209.05	296 365.36	423 839.49
3143	+	0.00	0.00	21.73	0.00	387.48	137 168.85	720 592.33	8.23	13.50	119.56	267.92	296 484.92	424 107.41
3144	+	0.00	0.00	26.22	0.00	479.54	137 168.85	721 071.87	12.72	13.50	209.54	270.00	296 694.46	424 377.41
3145	+	0.00	0.00	28.83	0.00	550.57	137 168.85	721 622.44	15.33	13.50	280.57	270.00	296 975.03	424 647.41
3146	+	0.00	0.00	31.83	0.00	606.66	137 168.85	722 229.10	18.33	13.50	336.66	270.00	297 311.69	424 917.41
3147	+	0.00	0.00	33.49	0.00	653.23	137 168.85	722 882.33	19.99	13.50	383.23	270.00	297 694.92	425 187.41
3148	+	0.00	0.00	34.38	0.00	678.71	137 168.85	723 561.04	20.88	13.50	408.71	270.00	298 103.63	425 457.41
3149	+	0.00	0.00	36.46	0.00	708.45	137 168.85	724 269.49	22.96	13.50	438.45	270.00	298 542.08	425 727.41
3150	+	0.00	0.00	34.71	0.00	711.72	137 168.85	724 981.21	21.21	13.50	441.72	270.00	298 983.80	425 997.41
3151	+	0.00	0.00	32.02	0.00	667.27	137 168.85	725 648.48	18.52	13.50	397.27	270.00	299 381.07	426 267.41
3152	+	0.00	0.00	26.62	0.00	586.38	137 168.85	726 234.86	13.12	13.50	316.38	270.00	299 697.45	426 537.41
3153	+	0.00	0.00	23.00	0.00	496.23	137 168.85	726 731.09	9.58	13.42	226.99	269.24	299 924.44	426 806.65
3154	+	0.00	0.00	22.44	0.00	454.39	137 168.85	727 185.48	8.94	13.50	185.15	269.24	300 109.59	427 075.89
3155	+	0.00	0.00	24.73	0.00	471.70	137 168.85	727 657.18	11.24	13.49	201.81	269.89	300 311.40	427 345.78
3156	+	0.00	0.00	33.90	0.00	586.33	137 168.85	728 243.51	20.40	13.50	316.44	269.89	300 627.84	427 615.67
3157	+	0.00	0.00	36.75	0.00	706.45	137 168.85	728 949.96	23.25	13.50	436.45	270.00	301 064.29	427 885.67
3158	+	0.00	0.00	33.68	0.00	704.31	137 168.85	729 654.27	20.18	13.50	434.31	270.00	301 498.60	428 155.67
3159	+	0.00	0.00	29.06	0.00	627.40	137 168.85	730 281.67	15.56	13.50	357.40	270.00	301 856.00	428 425.67
3160	+	0.00	0.00	28.16	0.00	572.18	137 168.85	730 853.85	14.66	13.50	302.18	270.00	302 158.18	428 695.67
3160	+	12.77	0.00	25.88	0.00	344.98	137 168.85	731 198.83	12.38	13.50	172.64	172.34	302 330.82	428 868.01

MODELO 2.0 - MAPA DE CUBAÇÃO														
Estacas			Área (m^2)		Volume Geométrico (m^3)		Volume Acumulado (m^3)		Área		Volume		Volume Acumulado	
			Corte	Aterro	Corte	Aterro	Corte	Aterro	95% P.N.	100% P.N.	95% P.N.	100% P.N.	95% P.N.	100% P.N.
Cálculo de Volumes de Terraplenagem														
3161	+	0.00	0.00	22.81	0.00	176.12	137 168.85	731 374.95	9.31	13.50	78.46	97.66	302 409.28	428 965.67
3161	+	8.17	0.00	18.18	0.00	167.47	137 168.85	731 542.42	10.08	8.10	79.21	88.26	302 488.49	429 053.93
3162	+	0.00	0.00	12.17	0.00	179.49	137 168.85	731 721.91	4.11	8.06	83.91	95.58	302 572.40	429 149.51
3162	+	3.58	0.00	9.42	0.00	38.65	137 168.85	731 760.56	1.65	7.77	10.31	28.34	302 582.71	429 177.85
3163	+	0.00	1.26	3.19	10.31	103.56	137 179.16	731 864.12	1.20	1.99	23.46	80.10	302 606.17	429 257.95
3164	+	0.00	0.64	1.01	18.95	41.96	137 198.11	731 906.08	0.09	0.92	12.92	29.04	302 619.09	429 286.99
3165	+	0.00	0.17	4.84	8.12	58.54	137 206.23	731 964.62	1.78	3.06	18.66	39.88	302 637.75	429 326.87
3166	+	0.00	0.45	2.63	6.27	74.77	137 212.50	732 039.39	0.35	2.28	21.28	53.49	302 659.03	429 380.36
3167	+	0.00	0.02	3.99	4.76	66.26	137 217.26	732 105.65	0.89	3.10	12.37	53.89	302 671.40	429 434.25
3168	+	0.00	0.08	2.57	1.02	65.65	137 218.28	732 171.30	0.36	2.21	12.52	53.13	302 683.92	429 487.38
3168	+	17.66	0.33	0.72	3.61	28.98	137 221.89	732 200.28	0.23	0.49	5.22	23.76	302 689.14	429 511.14
TOTAL							**137 221.89**	**732 200.28**	**17 210.61**	**23 982.84**	**302 689.14**	**429 511.14**	**302 689.14**	**429 511.14**

VI. DECLARAÇÕES DE RESPONSABILIDADE TÉCNICA

DECLARAÇÃO DE RESPONSABILIDADE DO PROJETO DE TERRAPLENAGEM

Ref.: PROJETOS EXECUTIVOS DE ENGENHARIA PARA PAVIMENTAÇÃO ASFÁLTICA DE RODOVIA ESTADUAL E EXECUÇÃO DAS OBRAS DE ARTE ESPECIAIS, NAS RODOVIAS: GO-116, TRECHO GO-020 ENTR. GO-524/ENTR. GO-236); GO-236, TRECHO: ENTR. GO-116/ENTR. GO-118; GO-116, TRECHO: ENTR. GO-236 (A)/ENTR. GO-236; GO-236, TRECHO: ENTR. GO-116/INÍCIO DO PERÍMETRO URBANO DE FLORES DE GOIÁS E GO-236, TRECHO: FLORES DE GOIÁS/ENTR. BR-020, NO ESTADO DE GOIÁS, EXTENSÃO TOTAL: 252 KM.

O(a) profissional **ELIAS JOSÉ DE ARRUDA SOARES JÚNIOR - CPF: 026.860.141-05**, **responsável técnico e chefe de equipe: estudos topográfico; Projeto de geometria, estudo de traçado, terraplenagem**, e a empresa OLIVEIRA, RAE & CIA ENGENHARIA LTDA de CNPJ nº 24.146.720/0001-28, aqui representada pelo seu responsável técnico, o Engº AGNALDO JOSE DE OLIVEIRA JUNIOR, CREA Nº 5069103486/D-SP, declaramos que acompanhamos todos os estudos para determinação e/ou restauração do eixo da rodovia apresentados no Projeto de Terraplenagem, e que esses estudos foram realizados obedecendo rigorosamente às normas técnicas e instruções de projetos (IP) em vigor e que assumimos total responsabilidade quanto à veracidade dos resultados apresentados.

Campo Grande/MS, 07 de agosto de 2025.

_____

OLIVEIRA, RAE & CIA ENGENHARIA LTDA

Engº AGNALDO JOSE DE OLIVEIRA JUNIOR, CREA Nº 5069103486/D-SP

_____

ELIAS JOSÉ DE ARRUDA SOARES JÚNIOR - CPF: 026.860.141-05

VII. ANEXO I - ANOTAÇÃO DE RESPONSABILIDADE TÉCNICA - ART

Anotação de Responsabilidade Técnica - ART
Lei n° 6.496, de 7 de dezembro de 1977

CREA-GO

ART Obra ou serviço
1020240049042

Conselho Regional de Engenharia e Agronomia de Goiás

Equipe à 1020240036388

1. Responsável Técnico(a)

ELIAS JOSÉ DE ARRUDA SOARES JÚNIOR RNP: **1319295983**

Título profissional: **Engenheiro Civil,** Registro: **65065/MS**

Empresa contratada: **OLIVEIRA, RAE & CIA ENGENHARIA LTDA - Registro CREA-GO: 31441**

2. Dados do Contrato

Contratante: **AGÊNCIA GOIANA DE INFRAESTRUTURA E TRANSPORTES – GOINFRA** CPF/CNPJ: **03.520.933/0001-06**

Avenida Governador Jose Ludovico de Almeida, Nº 20 Bairro: Conjunto Caicara CEP: 74775-013

Quadra: 0 Lote: 0 Complemento: Cidade: Goiania-GO

E-Mail: Fone: (62)32654000

Contrato: 099/2023 Celebrado em: 20/09/2023 Valor Obra/Serviço R$: 3.679.999,99

Tipo de contratante: Pessoa Jurídica de Direito Público

Ação institucional: Nenhuma/Não Aplicável

3. Dados da Obra/Serviço

Rodovia GO-116,GO-236,GO-116,GO-236,GO-236, Nº 0 Bairro: zona rural CEP: 74700-000

Quadra: 0 Lote: 0 Complemento: Cidade: alvorada do norte-GO

Data de Inicio: 02/01/2024 Previsão término: 02/08/2026 Coordenadas Geográficas: -18.202145,-47.958926

Finalidade: **Outro**

Proprietário(a): **AGÊNCIA GOIANA DE INFRAESTRUTURA E TRANSPORTES - GOINFRA** CPF/CNPJ: **03.520.933/0001-06**

E-Mail: Fone: (62) 32654000 Tipo de proprietário(a): Pessoa Jurídica de Direito Público

4. Atividade Técnica

ATUACAO	Quantidade	Unidade
ESTUDO RODOVIA COM PAVIMENTAÇÃO	252,00	QUILOMETROS
ESTUDO TOPOGRAFIA	252,00	QUILOMETROS
PROJETO RODOVIA COM PAVIMENTAÇÃO	252,00	QUILOMETROS
PROJETO TERRAPLENAGEM	252,00	QUILOMETROS

O registro da A.R.T. não obriga ao CREA-GO a emitir a Certidão de Acervo Técnico (C.A.T.), a confecção e emissão do documento apenas ocorrerá se as atividades declaradas na A.R.T. forem condizentes com as atribuições do(a) Profissional. As informações constantes desta ART são de responsabilidade do(a) profissional. Este documento poderá, a qualquer tempo, ter seus dados, preenchimento e atribuições profissionais conferidos pelo CREA-GO.
Após a conclusão das atividades técnicas o(a) profissional deverá proceder a baixa desta ART

5. Observações

PROJETOS EXECUTIVOS DE ENGENHARIA PARA PAVIMENTAÇÃO ASFÁLTICA DE RODOVIA ESTADUAL E EXECUÇÃO DAS OBRAS DE ARTE ESPECIAIS, NAS RODOVIAS: GO-116, TRECHO GO-020 ENTR. GO-524/ENTR. GO-236); GO-236, TRECHO: ENTR. GO-116/ENTR. GO-118; GO-116, TRECHO: ENTR. GO-236 (A)/ENTR. GO-236; GO-236, TRECHO: ENTR. GO-116/INÍCIO DO PERÍMETRO URBANO DE FLORES DE GOIÁS E GO-236, TRECHO: FLORES DE GOIÁS/ENTR. BR-020, NO ESTADO DE GOIÁS, EXTENSÃO TOTAL: 252 KM///// RESPONSÁVEL TÉCNICO E CHEFE DE EQUIPE: ESTUDOS TOPOGRÁFICOS, PROJETO DE GEOMETRIA, ESTUDO DE TRAÇADO, e TERRAPLENAGEM.

6. Declarações

Acessibilidade: Não: Declaro que as regras de acessibilidade previstas nas normas técnicas da ABNT, na legislação específica e no Decreto nº 5.296, de 2 de dezembro de 2004, não se aplicam às atividades profissionais acima relacionadas.

7. Entidade de Classe

NENHUMA

8. Assinaturas

Declaro serem verdadeiras as informações acima

_____, ____ de _____ de _____
Local Data

_____
ELIAS JOSÉ DE ARRUDA SOARES JÚNIOR - CPF: 026.860.141-05

_____
AGÊNCIA GOIANA DE INFRAESTRUTURA E TRANSPORTES – GOINFRA - CPF/CNPJ: 03.520.933/0001-06

9. Informações

- A ART é válida somente após a conferência e o CREA-GO receber a informação do PAGAMENTO PELO BANCO.
- A autenticidade deste documento pode ser verificada no site www.creago.org.br.
- A guarda da via assinada da ART será de responsabilidade do(a) profissional e do(a) contratante com o objetivo de documentar o vínculo contratual.
- Não é mais necessário enviar o documento original para o CREA-GO. O CREA-GO não mais afixará carimbo na nova ART.

www.creago.org.br atendimento@creago.org.br
Tel: (62) 3221-6200

CREA-GO Conselho Regional de Engenharia e Agronomia de Goiás

Valor da ART:	Registrada em	Valor Pago	Nosso Numero	Situação		Não possui	Não Possui
99,64	22/02/2024	R$ 99,64	28320690124048440	Registrada/OK		**Livro de Ordem**	**CAT**

CREA-GO
Conselho Regional de Engenharia e Agronomia de Goiás
Rua 239 nr. 561, St. Universitário/Goiânia-Goiás - CEP: 74605-070 - PABX: (62) 3221-6200

Boleto avulso - Sistema Arrecadação de Receitas [SAR] - TI/CREA-GO

Ítens do boleto
- Anotação Resp. Técnica - Res.1025/09 - 1020240049042 => 99,64

Observações
O início da atividade técnica sem a quitação do valor da ART ensejará as sanções legais cabíveis.
APÓS O VENCIMENTO, EMITIR OUTRO BOLETO EM SEU GERENCIAMENTO DE ART, NO CAMPO BOLETO VENCIDO
- Emitido por: Formosa/ as 16:37:42

BANCO DO BRASIL **001-9** **00190.00009 02832.069013 24048.440176 6 96490000009964**

Nome do Beneficiário/CPF/CNPJ	Cód.Beneficiário	Espécie	Quantidade	Nosso número
CREA-GO, Cons. Reg. Engenharia e Agronomia de Goiás	0086-8	R$		28320690124048440

Número documento	Data Doc.	CPF/CEI/CNPJ	Vencimento	Valor documento
28320690124048440	22/02/2024	01.619.022/0001-05	08/03/2024	99,64

(-) Desc./Abat.	(+) Mora / Multa	(=) Valor cobrado/Pago

Nome do Pagador/CPF/CNPJ
OLIVEIRA, RAE & CIA ENGENHARIA LTDA / AGÊNCIA GOIANA DE INF - 65065/MS - CPF/CNPJ: 026.860.141-05

Autenticação mec-Recibo do Pagador

- - - -

22/02/2024 - BANCO DO BRASIL - 16:48:13
295902959 0001

COMPROVANTE DE PAGAMENTO DE TITULOS

CLIENTE: OLIVEIRA & R E LTDA EPP
AGENCIA: 2959-9 CONTA: 37.644-2
==========
BANCO DO BRASIL

00190000090283206901324048440176696490000009964
BENEFICIARIO:
CONSELHO REGIONAL DE ENGENHARI
NOME FANTASIA:
CONSELHO REGIONAL DE ENGENHARIA E A
CNPJ: 01.619.022/0001-05
PAGADOR:
OLIVEIRA, RAE E CIA ENGENHARIA LTDA
CPF: 026.860.141-05

NR. DOCUMENTO 22.201
NOSSO NUMERO 28320690124048440
CONVENIO 02832069
DATA DE VENCIMENTO 08/03/2024
DATA DO PAGAMENTO 22/02/2024
VALOR DO DOCUMENTO 99,64
VALOR COBRADO 99,64
==========
NR.AUTENTICACAO 7.5A3.AC9.BDA.538.603
==========
Central de Atendimento BB
4004 0001 Capitais e regioes metropolitanas
0800 729 0001 Demais localidades.
Consultas, informacoes e servicos transacionais.

SAC BB
0800 729 0722
Informacoes, reclamacoes, cancelamento de
produtos e servicos.

Ouvidoria
0800 729 5678
Reclamacoes nao solucionadas nos canais
habituais agencia, SAC e demais canais de
atendimento.

Atendimento a Deficientes Auditivos ou de Fala
0800 729 0088
Informacoes, reclamacoes,cancelamento de cartao,
outros produtos e servicos de Ouvidoria.

VIII. TERMO DE ENCERRAMENTO

A **Oliveira, Rae & Cia Engenharia** faz o encerramento do presente documento, **Volume 3A – Cálculo de Volumes e Notas de Serviço de Terraplenagem**, composto por 290 páginas, incluindo esta, numeradas em ordem sequencial crescente, no qual se destina a elaboração do anteprojeto de engenharia para construção de rodovias na GO-236 – Flores de Goiás - Entr. BR-020.

Este documento refere-se a revisão 01 e está detalhada no quadro abaixo para melhor conferência dos trabalhos.

Revisão	Data	Comentário
01	05/09/2025	Revisão geral
00	15/08/2025	Emissão Inicial

Campo Grande / MS, setembro de 2025

Oliveira & Rae Engenharia LTDA

Engº. Agnaldo J. de Oliveira Jr.

Diretor de Engenharia