

Nota de Serviço de Terraplenagem - AL-485 EST.: 0+00 A 683+15																			
Lado Esquerdo									Eixo			Lado Direito							
Offset			Acostamento		Bordo			Estaca	Cota Projeto	Cota Terreno	Cota Vermelha	Bordo			Acostamento		Offset		
Afast. (m)	Cota (m)	Dif (m)	Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	Incl. (%)					Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	Dif (m)
-3.619	200.797	-0.119			-3.500	200.678	3.12	0+0.000	200.919	200.919	0.000	3.500	200.460	-3.12			3.817	200.777	-0.317
-3.643	199.766	0.096			-3.500	199.862	5.00	1+0.000	200.037	199.828	0.208	3.500	199.512	-5.00			3.873	199.884	-0.372
-3.619	199.132	0.079			-3.500	199.211	4.10	2+0.000	199.417	199.215	0.202	3.500	198.924	-4.10			4.147	199.571	-0.647
-3.659	198.879	-0.16			-3.500	198.719	-0.83	3+0.000	199.098	198.899	0.199	3.500	198.678	-2.00			4.145	199.324	-0.646
-3.614	198.736	-0.114			-3.500	198.622	-2.00	4+0.000	199.042	198.698	0.345	3.500	198.622	-2.00			3.869	198.991	-0.369
-3.587	198.691	-0.087			-3.500	198.604	-2.00	5+0.000	199.024	198.578	0.445	3.500	198.689	0.44			3.519	198.676	0.013
-3.783	198.347	0.189			-3.500	198.536	-3.40	6+0.000	199.005	198.542	0.463	3.500	198.774	3.40			3.792	198.579	0.195
-3.840	198.327	0.227			-3.500	198.554	-2.34	7+0.000	198.986	198.449	0.537	3.500	198.718	2.34			3.945	198.422	0.296
-3.757	198.376	0.172			-3.500	198.548	-2.00	8+0.000	198.968	198.529	0.439	3.500	198.580	-1.06			3.524	198.564	0.016
-3.548	198.577	-0.048			-3.500	198.529	-2.00	9+0.000	198.949	198.596	0.352	3.500	198.529	-2.00			3.911	198.940	-0.411
-3.543	198.482	0.028			-3.500	198.510	-2.00	10+0.000	198.930	198.513	0.417	3.500	198.510	-2.00			4.357	199.367	-0.857
-3.690	198.365	0.127			-3.500	198.492	-2.00	11+0.000	198.912	198.461	0.450	3.500	198.547	-0.40			3.914	198.961	-0.414
-3.835	198.217	0.223			-3.500	198.440	-2.93	12+0.000	198.893	198.449	0.443	3.500	198.645	2.93			3.648	198.793	-0.148
-3.767	198.127	0.178			-3.500	198.305	-6.26	13+0.000	198.874	198.413	0.461	3.500	198.743	6.26			3.894	198.481	0.262
-3.506	198.237	0.004			-3.500	198.241	-8.00	14+0.000	198.871	198.516	0.354	3.500	198.801	8.00			4.116	198.390	0.411
-3.982	198.851	-0.482			-3.500	198.369	-7.35	15+0.000	198.976	198.807	0.170	3.500	198.883	7.35			3.846	198.652	0.231
-3.851	199.037	-0.351			-3.500	198.686	-4.91	16+0.000	199.207	199.054	0.153	3.500	199.029	4.91			3.773	199.302	-0.273
-3.877	199.505	-0.377			-3.500	199.128	-2.47	17+0.000	199.564	199.355	0.209	3.500	199.301	2.47			4.046	199.847	-0.546
-3.543	199.653	0.028			-3.500	199.681	-0.03	18+0.000	200.032	199.805	0.227	3.500	199.683	0.03			4.013	200.196	-0.513
-3.911	199.935	0.274			-3.500	200.209	2.41	19+0.000	200.475	200.125	0.350	3.500	200.040	-2.41			3.839	200.380	-0.34
-3.698	200.780	-0.198			-3.500	200.582	2.80	20+0.000	200.834	200.472	0.362	3.500	200.386	-2.80			3.711	200.597	-0.211
-3.929	201.287	-0.43			-3.500	200.857	2.80	21+0.000	201.109	200.762	0.347	3.500	200.661	-2.80			3.767	200.928	-0.267
-3.924	201.473	-0.424			-3.500	201.049	2.80	22+0.000	201.301	201.272	0.029	3.500	200.853	-2.80			3.913	201.266	-0.413
-4.191	201.848	-0.691			-3.500	201.157	2.80	23+0.000	201.409	201.592	-0.183	3.500	200.961	-2.80			4.172	201.633	-0.672
-4.103	201.826	-0.603			-3.500	201.223	2.80	24+0.000	201.475	201.868	-0.394	3.500	201.027	-2.80			4.439	201.966	-0.939
-3.997	201.763	-0.497			-3.500	201.266	2.80	25+0.000	201.518	201.837	-0.319	3.500	201.070	-2.80			4.375	201.945	-0.875
-4.059	201.821	-0.559			-3.500	201.262	2.80	26+0.000	201.514	201.759	-0.245	3.500	201.066	-2.80			4.251	201.817	-0.751
-3.968	201.679	-0.469			-3.500	201.210	2.80	27+0.000	201.462	201.538	-0.076	3.500	201.014	-2.80			4.112	201.626	-0.612
-3.668	201.279	-0.168			-3.500	201.111	2.80	28+0.000	201.363	201.370	-0.006	3.500	200.915	-2.80			3.935	201.350	-0.435
-3.615	201.079	-0.115			-3.500	200.964	2.80	29+0.000	201.216	201.144	0.072	3.500	200.768	-2.80			4.622	201.890	-1.122
-7.548	201.366	-0.707	-6.135	200.659	-3.600	200.786	2.80	30+0.000	201.035	201.081	-0.046	3.600	200.584	-2.80	6.018	200.536	8.740	201.760	-1.224
-6.790	200.802	-0.327	-6.135	200.475	-3.600	200.602	2.80	31+0.000	200.851	201.000	-0.150	3.600	200.400	-2.80	6.018	200.352	8.425	201.418	-1.066
-6.734	200.581	-0.299	-6.135	200.282	-3.600	200.408	2.80	32+0.000	200.658	200.648	0.009	3.600	200.207	-2.80	6.018	200.158	8.082	201.053	-0.895
-7.251	200.636	-0.557	-6.135	200.079	-3.600	200.205	2.80	33+0.000	200.454	200.527	-0.072	3.600	200.004	-2.80	6.018	199.955	7.930	200.774	-0.819
-7.119	200.358	-0.492	-6.135	199.866	-3.600	199.992	2.80	34+0.000	200.242	200.404	-0.162	3.600	199.791	-2.80	6.018	199.742	8.021	200.607	-0.865
-7.412	200.282	-0.639	-6.135	199.643	-3.600	199.770	2.80	35+0.000	200.019	200.145	-0.126	3.600	199.568	-2.80	6.018	199.520	7.972	200.360	-0.84
-7.475	200.081	-0.67	-6.135	199.411	-3.600	199.538	2.80	36+0.000	199.787	199.900	-0.114	3.600	199.336	-2.80	6.018	199.288	7.950	200.117	-0.829
-7.680	199.941	-0.772	-6.135	199.169	-3.600	199.295	2.80	37+0.000	199.545	199.775	-0.230	3.600	199.094	-2.80	6.018	199.046	7.992	199.896	-0.85
-8.179	199.939	-1.022	-6.135	198.917	-3.600	199.044	2.80	38+0.000	199.293	199.570	-0.277	3.600	198.842	-2.80	6.018	198.794	8.463	199.879	-1.085
-8.226	199.701	-1.046	-6.135	198.655	-3.600	198.782	2.80	39+0.000	199.031	199.412	-0.380	3.600	198.581	-2.80	6.018	198.532	8.705	199.739	-1.207
-8.522	199.583	-1.193	-6.135	198.390	-3.600	198.516	2.80	40+0.000	198.765	199.426	-0.660	3.600	198.315	-2.80	6.018	198.266	8.833	199.537	-1.271
-7.891	199.002	-0.878	-6.135	198.124	-3.600	198.250	2.80	41+0.000	198.500	199.095	-0.596	3.600	198.049	-2.80	6.018	198.000	8.719	199.214	-1.214
-7.637	198.609	-0.751	-6.135	197.858	-3.600	197.985	2.80	42+0.000	198.234	198.643	-0.410	3.600	197.783	-2.80	6.018	197.735	8.914	199.046	-1.311
-7.653	198.351	-0.759	-6.135	197.592	-3.600	197.719	2.80	43+0.000	197.968	198.271	-0.303	3.600	197.517	-2.80	6.018	197.469	8.285	198.465	-0.996
-7.930	198.210	-0.897	-6.135	197.313	-3.600	197.439	2.80	44+0.000	197.689	197.884	-0.196	3.600	197.238	-2.80	6.018	197.189	8.112	198.099	-0.91
-7.910	197.891	-0.887	-6.135	197.004	-3.600	197.131	2.80	45+0.000	197.380	197.523	-0.143	3.600	196.929	-2.80	6.018	196.881	9.474	198.472	-1.591
-7.933	197.564	-0.898	-6.135	196.666	-3.600	196.792	2.80	46+0.000	197.041	197.360	-0.319	3.600	196.591	-2.80	6.018	196.542	7.526	197.159	-0.617
-8.039	197.250	-0.952	-6.135	196.298	-3.600	196.425	2.80	47+0.000	196.674	197.124	-0.450	3.600	196.223	-2.80	6.018	196.175	7.584	196.821	-0.646
-8.228	196.947	-1.046	-6.135	195.901	-3.600	196.027	2.80	48+0.000	196.277	196.818	-0.542								

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Offset			Acostamento			Bordo			Eixo				Bordo			Acostamento			Offset		
Afast. (m)	Cota (m)	Dif (m)	Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	Incl. (%)	Estaca	Cota Projeto	Cota Terreno	Cota Vermelha	Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	Dif (m)		
-11.006	156.505	-2,436	-6.135	154.069	-3.600	154.196	-2.00					3.600	154.196	-2.00	6.018	154.148	11.114	156.559	-2,411		
-11.601	155.589	-2,733	-6.135	152.856	-3.600	152.983	-1.68	95+0.000	153.393	155.425	-2.032	3.600	152.971	-2.00	6.018	152.923	11.614	155.584	-2,661		
-10.981	154.175	-2,423	-6.135	151.752	-3.600	151.879	1.68	97+0.000	152.169	154.029	-1.860	3.600	151.747	-2.00	6.018	151.698	11.675	154.390	-2,692		
-10.554	152.858	-2,209	-6.135	150.649	-3.600	150.775	5.05	98+0.000	150.944	152.483	-1.539	3.600	150.412	-5.05	6.016	150.364	11.860	153.148	-2,784		
-9.694	151.288	-1,779	-6.135	149.509	-3.600	149.636	7.40	99+0.000	149.719	151.115	-1.396	3.600	149.103	-7.40	5.943	149.056	12.090	151.953	-2,897		
-8.722	149.577	-1,293	-6.135	148.284	-3.600	148.411	7.40	100+0.000	148.494	150.398	-1.904	3.600	147.878	-7.40	5.943	147.831	13.788	150.858	-3,027		
-8.642	148.313	-1,254	-6.135	147.059	-3.600	147.186	7.40	101+0.000	147.270	148.942	-1.673	3.600	146.653	-7.40	5.943	146.607	11.164	149.041	-2,434		
-8.873	147.218	-1,369	-6.135	145.849	-3.600	145.976	7.40	102+0.000	146.059	147.428	-1.369	3.600	145.443	-7.40	5.943	145.396	10.294	147.395	-1,999		
-10.287	146.660	-2,076	-6.135	144.584	-3.600	144.711	4.28	103+0.000	144.907	146.322	-1.415	3.600	144.402	-4.28	6.040	144.354	9.795	146.106	-1,752		
-9.790	145.177	-1,827	-6.135	143.350	-3.600	143.476	0.30	104+0.000	143.815	144.652	-0.837	3.600	143.454	-0.30	6.163	143.403	8.437	144.479	-1,076		
-8.049	143.133	-0,957	-6.135	142.176	-3.600	142.303	-3.67	105+0.000	142.785	142.933	-0.148	3.600	142.568	3.67	6.286	142.514	7.170	142.958	-0,444		
-7.197	141.612	-0,531	-6.135	141.081	-3.600	141.207	-7.20	106+0.000	141.817	141.809	0.008	3.600	141.726	7.20	6.395	141.670	6.408	141.736	-0,066		
-6.983	140.597	-0,424	-6.135	140.173	-3.600	140.300	-7.20	107+0.000	140.909	140.789	0.120	3.600	140.818	7.20	6.395	140.763	6.236	140.641	0,122		
-6.773	139.646	-0,319	-6.135	139.327	-3.600	139.454	-7.20	108+0.000	140.063	139.717	0.346	3.600	139.972	7.20	6.395	139.916	6.841	139.493	0,423		
-6.865	138.177	0,364	-6.135	138.541	-3.600	138.668	-7.20	109+0.000	139.277	138.550	0.728	3.600	139.187	7.20	6.395	139.131	7.329	138.463	0,668		
-6.769	137.590	0,317	-6.135	137.907	-3.600	138.033	-7.20	110+0.000	138.643	137.725	0.918	3.600	138.552	7.20	6.395	138.496	7.891	137.547	0,949		
-6.488	137.317	0,177	-6.135	137.494	-3.600	137.621	-7.20	111+0.000	138.230	137.464	0.766	3.600	138.139	7.20	6.395	138.083	7.670	137.245	0,838		
-6.508	137.080	0,186	-6.135	137.266	-3.600	137.393	-4.94	112+0.000	137.921	137.251	0.670	3.600	137.749	4.94	6.325	137.694	7.011	137.184	0,51		
-6.933	136.971	0,399	-6.135	137.370	-3.600	137.497	-2.02	113+0.000	137.920	136.898	1.022	3.600	137.642	2.02	6.235	137.590	7.078	137.044	0,546		
-7.677	136.608	0,771	-6.135	137.379	-3.600	137.506	-2.00	114+0.000	137.928	136.772	1.157	3.600	137.506	-2.00	6.147	137.543	7.424	136.735	0,808		
-7.677	136.617	0,771	-6.135	137.388	-3.600	137.515	-2.00	115+0.000	137.937	135.841	2.095	3.600	137.515	-2.00	6.103	137.519	7.424	136.744	0,775		
-7.677	136.625	0,771	-6.135	137.396	-3.600	137.523	-2.00	116+0.000	137.945	136.913	1.032	3.600	137.523	-2.00	6.081	137.507	7.424	136.752	0,755		
-6.916	137.808	-0,391	-6.135	137.417	-3.600	137.544	-2.00	117+0.000	137.966	138.155	-0.189	3.600	137.544	-2.00	6.059	137.495	7.165	137.933	-0,438		
-7.521	138.749	-0,693	-6.135	138.056	-3.600	138.183	-2.00	118+0.000	138.605	138.973	-0.369	3.600	138.183	-2.00	6.042	138.134	9.012	139.494	-1,36		
-7.118	140.130	-0,492	-6.135	139.638	-3.600	139.765	-2.00	119+0.000	140.187	140.343	-0.156	3.600	139.765	-2.00	6.025	139.717	9.897	141.519	-1,802		
-7.606	142.345	-0,736	-6.135	141.609	-3.600	141.736	-2.00	120+0.000	142.158	143.014	-0.857	3.600	141.736	-2.00	6.018	141.687	9.241	143.162	-1,475		
-7.649	144.332	-0,757	-6.135	143.575	-3.600	143.702	-2.00	121+0.000	144.124	145.045	-0.921	3.600	143.702	-2.00	6.018	143.653	8.737	144.876	-1,223		
-7.325	146.022	-0,595	-6.135	145.427	-3.600	145.553	-0.49	122+0.000	145.921	146.719	-0.798	3.600	145.499	-2.00	6.018	145.451	8.355	146.483	-1,032		
-7.054	147.550	-0,46	-6.135	147.090	-3.600	147.217	2.82	123+0.000	147.466	147.686	-0.220	3.600	147.014	-2.82	6.018	146.966	8.000	147.820	-0,854		
-7.198	149.032	-0,531	-6.135	148.501	-3.600	148.628	6.14	124+0.000	148.757	149.307	-0.550	3.600	148.186	-6.14	5.982	148.138	7.485	148.734	-0,596		
-7.220	150.106	-0,543	-6.135	149.563	-3.600	149.690	6.80	125+0.000	149.795	149.883	-0.088	3.600	149.200	-6.80	5.962	149.153	6.408	149.210	-0,057		
-6.950	150.755	-0,407	-6.135	150.348	-3.600	150.475	6.80	126+0.000	150.580	150.425	0.156	3.600	149.985	-6.80	5.962	149.938	6.470	149.691	0,247		
-6.973	151.323	-0,419	-6.135	150.904	-3.600	151.031	6.80	127+0.000	151.136	150.888	0.248	3.600	150.541	-6.80	5.962	150.494	6.812	150.076	0,418		
-6.826	151.765	-0,345	-6.135	151.420	-3.600	151.546	6.80	128+0.000	151.652	151.444	0.207	3.600	151.057	-6.80	5.962	151.010	6.593	150.701	0,309		
-6.603	151.698	0,234	-6.135	151.932	-3.600	152.059	6.71	129+0.000	152.167	151.932	0.235	3.600	151.576	-6.71	5.965	151.528	6.776	151.128	0,4		
-6.462	152.165	0,163	-6.135	152.328	-3.600	152.455	3.39	130+0.000	152.683	152.236	0.446	3.600	152.211	-3.39	6.018	152.162	7.441	151.431	0,731		
-6.408	152.588	0,137	-6.135	152.725	-3.600	152.851	0.08	131+0.000	153.199	152.439	0.760	3.600	152.777	-2.00	6.018	152.728	8.313	151.561	1,167		
-6.990	153.034	0,1315	-6.135	153.165	-3.600	153.292	-2.00	132+0.000	153.714	152.651	1.063	3.600	153.292	-2.00	6.018	153.244	9.239	151.614	1,63		
-6.535	153.481	0,2	-6.135	153.681	-3.600	153.808	-2.00	133+0.000	154.230	152.414	1.816	3.600	153.808	-2.00	6.018	153.759	10.632	151.433	2,326		
-7.571	153.479	0,718	-6.135	154.197	-3.600	154.323	-2.00	134+0.000	154.745	152.516	2.229	3.600	154.323	-2.00	6.018	154.275	11.795	151.367	2,908		
-8.933	153.314	1,398	-6.135	154.712	-3.600	154.839	-2.00	135+0.000	155.261	152.065	3.196	3.600	154.839	-2.00	6.018	154.791	16.766	150.177	4,614		
-10.406	153.093	2,135	-6.135	155.228	-3.600	155.355	-2.00	136+0.000	155.777	151.512	4.264	3.600	155.355	-2.00	6.018	155.306	17.176	150.488	4,818		
-9.358	154.136	1,612	-6.135	155.748	-3.600	155.874	-2.00	137+0.000	156.296	152.830	3.466	3.600	155.874	-2.00	6.018	155.826	16.524	151.333	4,493		
-8.890	154.953	1,377	-6.135	156.330	-3.600	156.457	-2.00	138+0.000	156.879	153.943	2.936	3.600	156.457	-2.00	6.086	156.407	15.106	152.625	3,782		
-9.172	155.476	1,518	-6.135	156.994	-3.600	157.121	-2														

Nota de Serviço de Terraplenagem - AL-485 EST.: 0+00 A 683+15																				
Lado Esquerdo										Exo		Lado Direito								
Offset			Acostamento		Bordo			Incl. (%)	Estaca	Cota Projeto	Cota Terreno	Cota Vermelha	Bordo			Acostamento		Offset		
Afast. (m)	Cota (m)	Dif (m)	Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	Afast. (m)						Cota (m)	Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Afast. (m)	Cota (m)
-9.775	190.052	-1.82	-6.135	188.232	-3.600	188.359	-2.00	190+0.000	188.781	189.522	-0.742	3.600	188.359	-2.00	6.018	188.310	7.462	188.895	-0.585	
-9.952	190.021	-1.909	-6.135	188.112	-3.600	188.239	-2.00	191+0.000	188.661	189.701	-1.040	3.600	188.239	-2.00	6.018	188.191	7.725	188.907	-0.716	
-10.106	189.978	-1.985	-6.135	187.993	-3.600	188.119	-2.00	192+0.000	188.541	189.833	-1.292	3.600	188.119	-2.00	6.018	188.071	7.833	188.842	-0.771	
-10.685	190.148	-2.275	-6.135	187.873	-3.600	188.000	-2.00	193+0.000	188.422	189.527	-1.105	3.600	188.000	-2.00	6.018	187.952	8.158	188.885	-0.933	
-10.340	189.856	-2.102	-6.135	187.754	-3.600	187.880	-2.00	194+0.000	188.302	189.398	-1.096	3.600	187.880	-2.00	6.018	187.832	7.953	188.662	-0.83	
-9.556	189.345	-1.711	-6.135	187.634	-3.600	187.761	-2.00	195+0.000	188.183	188.966	-0.783	3.600	187.761	-2.00	6.018	187.712	7.620	188.376	-0.664	
-9.799	189.346	-1.832	-6.135	187.514	-3.600	187.641	-2.00	196+0.000	188.063	188.481	-0.418	3.600	187.641	-2.00	6.018	187.593	7.065	187.979	-0.386	
-9.361	189.007	-1.612	-6.135	187.395	-3.600	187.521	-2.00	197+0.000	187.943	188.417	-0.474	3.600	187.521	-2.00	6.024	187.473	7.210	187.932	-0.459	
-8.817	188.616	-1.341	-6.135	187.275	-3.600	187.402	-2.00	198+0.000	187.824	188.143	-0.319	3.600	187.423	-1.41	6.129	187.373	6.948	187.703	-0.33	
-8.092	188.134	-0.978	-6.135	187.156	-3.600	187.282	-2.00	199+0.000	187.704	188.087	-0.383	3.600	187.425	1.95	6.233	187.372	6.783	187.622	-0.25	
-8.155	187.851	-1.009	-6.135	186.842	-3.600	186.968	-7.40	200+0.000	187.585	187.988	-0.403	3.600	187.501	7.40	6.401	187.445	6.192	187.403	0.042	
-7.828	187.653	-0.846	-6.135	186.807	-3.600	186.934	-5.04	201+0.000	187.465	187.089	0.376	3.600	187.297	5.04	6.322	187.242	6.252	187.112	0.13	
-6.974	187.330	-0.419	-6.135	186.911	-3.600	187.037	1.16	202+0.000	187.345	186.919	0.427	3.600	186.954	-1.16	6.170	186.963	6.979	186.405	0.558	
-6.205	186.928	-0.035	-6.135	186.893	-3.600	187.020	4.00	203+0.000	187.226	186.789	0.437	3.600	186.732	-4.00	6.018	186.684	7.423	185.961	0.723	
-6.322	186.870	-0.093	-6.135	186.777	-3.600	186.904	4.00	204+0.000	187.110	186.887	0.223	3.600	186.616	-4.00	6.018	186.568	7.648	185.733	0.835	
-6.416	186.860	-0.14	-6.135	186.720	-3.600	186.847	4.00	205+0.000	187.053	186.809	0.243	3.600	186.559	-4.00	6.018	186.510	9.658	184.670	1.84	
-6.712	186.451	0.289	-6.135	186.740	-3.600	186.867	4.00	206+0.000	187.073	185.845	1.228	3.600	186.579	-4.00	6.018	186.530	11.626	183.706	2.824	
-7.070	186.370	0.467	-6.135	186.837	-3.600	186.964	4.00	207+0.000	187.170	185.446	1.724	3.600	186.676	-4.00	6.018	186.628	16.065	182.365	4.263	
-7.173	186.493	0.519	-6.135	187.012	-3.600	187.139	4.00	208+0.000	187.345	184.978	2.367	3.600	186.851	-4.00	6.018	186.803	15.530	182.757	4.046	
-7.002	186.831	0.434	-6.135	187.265	-3.600	187.391	4.00	209+0.000	187.597	185.883	1.714	3.600	187.103	-4.00	6.018	187.055	10.977	184.556	2.499	
-6.553	187.385	0.209	-6.135	187.594	-3.600	187.721	4.00	210+0.000	187.927	187.072	0.855	3.600	187.433	-4.00	6.018	187.385	7.413	186.667	0.718	
-6.579	188.117	-0.222	-6.135	187.895	-3.600	188.022	1.04	211+0.000	188.334	187.853	0.482	3.600	187.912	-2.00	6.018	187.864	6.147	187.780	0.084	
-8.872	189.639	-1.369	-6.135	188.270	-3.600	188.397	-2.00	212+0.000	188.819	189.325	-0.506	3.600	188.397	-2.00	6.018	188.349	9.531	189.968	-1.619	
-11.937	191.733	-2.901	-6.135	188.832	-3.600	188.959	-2.00	213+0.000	189.381	190.357	-0.976	3.600	188.959	-2.00	6.018	188.911	11.137	191.333	-2.422	
-13.653	192.508	-3.04	-6.135	189.468	-3.600	189.595	-2.00	214+0.000	190.017	191.140	-1.123	3.600	189.595	-2.00	6.084	189.546	9.805	191.303	-1.757	
-14.198	193.435	-3.312	-6.135	190.123	-3.600	190.250	-2.00	215+0.000	190.672	191.933	-1.261	3.600	190.339	0.48	6.187	190.287	10.960	192.625	-2.338	
-14.063	193.957	-3.244	-6.135	190.713	-3.600	190.840	-3.81	216+0.000	191.327	192.804	-1.477	3.600	191.114	3.81	6.290	191.060	10.110	192.974	-1.914	
-14.373	194.724	-3.399	-6.135	191.325	-3.600	191.451	-5.00	217+0.000	191.981	193.842	-1.860	3.600	191.811	5.00	6.327	191.757	12.237	194.687	-2.93	
-14.211	195.297	-3.318	-6.135	191.979	-3.600	192.106	-5.00	218+0.000	192.636	194.624	-1.988	3.600	192.466	5.00	6.327	192.412	14.038	195.571	-3.159	
-14.555	196.326	-3.49	-6.135	192.836	-3.600	192.963	0.61	219+0.000	193.291	195.384	-2.093	3.600	192.919	-0.61	6.153	192.868	15.729	196.869	-4.001	
-13.691	196.793	-3.058	-6.135	193.735	-3.600	193.862	7.40	220+0.000	193.946	195.985	-2.040	3.600	193.329	-7.40	5.943	193.282	15.852	197.341	-4.059	
-12.061	197.353	-2.963	-6.135	194.390	-3.600	194.517	7.40	221+0.000	194.600	196.610	-2.010	3.600	193.984	-7.40	5.943	193.937	14.772	197.455	-3.518	
-14.006	197.976	-3.215	-6.135	194.761	-3.600	194.887	-0.49	222+0.000	195.255	197.082	-1.827	3.600	194.802	-2.87	6.006	194.754	14.523	198.149	-3.395	
-12.847	198.384	-3.023	-6.135	195.361	-3.600	195.488	-2.00	223+0.000	195.910	197.538	-1.629	3.600	195.488	-2.00	6.018	195.439	14.038	198.592	-3.153	
-11.688	198.792	-2.776	-6.135	196.016	-3.600	196.142	-2.00	224+0.000	196.564	197.899	-1.335	3.600	196.142	-2.00	6.018	196.094	11.603	198.750	-2.656	
-10.994	199.100	-2.43	-6.135	196.670	-3.600	196.797	-2.00	225+0.000	197.219	198.367	-1.148	3.600	196.797	-2.00	6.018	196.749	11.061	199.133	-2.384	
-10.007	199.261	-1.936	-6.135	197.325	-3.600	197.452	-2.00	226+0.000	197.874	198.850	-0.976	3.600	197.452	-2.00	6.018	197.404	11.282	199.899	-2.495	
-9.544	199.679	-1.705	-6.135	197.974	-3.600	198.101	-2.00	227+0.000	198.523	199.095	-0.572	3.600	198.101	-2.00	6.018	198.053	10.986	200.400	-2.347	
-9.129	200.088	-1.496	-6.135	198.592	-3.600	198.718	-2.00	228+0.000	199.140	199.572	-0.432	3.600	198.718	-2.00	6.018	198.670	10.138	200.593	-1.923	
-8.823	200.518	-1.344	-6.135	199.174	-3.600	199.301	-2.00	229+0.000	199.723	199.838	-0.115	3.600	199.301	-2.00	6.018	199.252	9.702	200.958	-1.706	
-8.632	200.970	-1.248	-6.135	199.722	-3.600	199.849	-2.00	230+0.000	200.271	200.257	0.013	3.600	199.849	-2.00	6.018	199.800	9.283	201.296	-1.496	
-8.547	201.441	-1.206	-6.135	200.235	-3.600	200.362	-2.00	231+0.000	200.784	200.653	0.130	3.600	200.362	-2.00	6.018	200.313	8.109	201.222	-0.909	
-7.887	201.589	-0.876	-6.135	200.713	-3.600	200.840	-2.00	232+0.000	201.262	201.111	0.151	3.600	200.840	-2.00	6.018	200.791	7.926	201.608	-0.817	
-9.085	202.631	-1.475	-6.135	201.156	-3.600	201.283	-2.00	233+0.000	201.705	201.524	0.181	3.600	201.283	-2.00	6.018	201.235	7.731	201.954	-0.719	
-8.204	202.599	-1.034	-6.135	201.565	-3.600	201.692	-2.00	234+0.000	202.114	201.867	0.247	3.600	201.692	-2.00	6.018	201.643				



NOTAS:
1. DIMENSÕES EM METROS;
2. SISTEMAS DE CORRDENADAS:
SIRGAS 2000
PROJEÇÃO: UNIVERSAL TRANSVERSO DE MERCATOR (UTM)
DATUM: SIRGAS 2000
MERIDIANO CENTRAL: FUSO 24

APROVAÇÃO		
 CODEVASF Companhia de Desenvolvimento dos Vales do São Francisco e do Parnaíba		
PROJETO DE TERRAPLENAGEM		
Título/ Obra: PROJETO DE TERRAPLENAGEM - AL-485		Áreas:
Localização: FEIRA GRANDE - SÃO SEBASTIÃO/AL		
Proprietário: Companhia de Desenvolvimento dos Vales do São Francisco e do Parnaíba/CODEVASF		
Autor do Projeto: VICTOR LEONARDO ACIOLI BARROS CREA: 021038475-1		Assunto: NOTA DE SERVIÇO EST. 28x100, 38x140
Responsável Técnico: VICTOR LEONARDO ACIOLI BARROS CREA: 021038475-1	ART:	
Proprietário		
Autor do Projeto		
Responsável Técnico		
Desenho:		Colaboração:
Data: AGOSTO/2023	Escala:	
Revisão:		TER 05/08
Observações:		R001
DIREITOS AUTORAIS RESERVADOS. ESTE PROJETO NÃO PODE SER USADO PARA AMPLIAÇÕES OU CONSTRUÇÕES DE OBRAS SIMILARES SEM PRÉVIA AUTORIZAÇÃO ESCRITA, EMITIDA PELO ARQUITETO/ENGENHEIRO, COM A CORRESPONDENTE RRT/ART REGISTRADA NO CAVAL OU CREA/AL.		



NOTAS:
1. DIMENSÕES EM METROS;
2. SISTEMAS DE CORRDENADAS:
SIRGAS 2000
PROJEÇÃO: UNIVERSAL TRANSVERSO DE MERCATOR (UTM)
DATUM: SIRGAS 2000
MERIDIANO CENTRAL: FUSO 24

APROVAÇÃO		
 CODEVASF Companhia de Desenvolvimento dos Vales do São Francisco e do Parnaíba		
PROJETO DE TERRAPLENAGEM		
Título/ Obra: PROJETO DE TERRAPLENAGEM - AL-485		Áreas:
Localização: FEIRA GRANDE - SÃO SEBASTIÃO/AL		
Proprietário: Companhia de Desenvolvimento dos Vales do São Francisco e do Parnaíba/CODEVASF		
Autor do Projeto: VICTOR LEONARDO ACIOLI BARROS CREA: 021038475-1		Assunto: NOTA DE SERVIÇO EST: 381400.472410
Responsável Técnico: VICTOR LEONARDO ACIOLI BARROS CREA: 021038475-1	ART:	
Proprietário		
Autor do Projeto		
Responsável Técnico		
Desenho:		TER 06/08
Data: AGOSTO/2023	Colaboração:	
Escala:		
Observações:		Revisão: R001
DIREITOS AUTORAIS RESERVADOS. ESTE PROJETO NÃO PODE SER USADO PARA AMPLIAÇÕES OU CONSTRUÇÕES DE OBRAS SIMILARES SEM PRÉVIA AUTORIZAÇÃO ESCRITA, EMITIDA PELO ARQUITETO/ENGENHEIRO, COM A CORRESPONDENTE RRT/ART REGISTRADA NO CAVAL OU CREA/AL.		

Nota de Serviço de Terraplenagem - AL-485 EST.: 0+00 A 683+15																			
Lado Esquerdo								Eixo				Lado Direito							
Afast. (m)	Offset		Acostamento		Bordo			Estaca	Cota Projeto	Cota Terreno	Cota Vermelha	Bordo			Acostamento		Offset		
	Cota (m)	Dif (m)	Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	Incl. (%)					Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	Dif (m)
-6.913	155.694	-0.389	-6.135	155.305	-3.600	155.432	-2.00	476+0.000	155.854	156.062	-0.208	3.600	155.432	-2.00	6.018	155.384	7.762	156.118	-0.734
-6.666	155.151	-0.265	-6.135	154.886	-3.600	155.013	-2.00	477+0.000	155.435	155.445	-0.010	3.600	155.013	-2.00	6.018	154.964	7.046	155.341	-0.377
-6.169	154.485	0.017	-6.135	154.502	-3.600	154.629	-2.00	478+0.000	155.051	154.851	0.200	3.600	154.629	-2.00	6.018	154.581	6.575	154.722	-0.141
-8.416	153.042	1.14	-6.135	154.182	-3.600	154.309	-2.00	479+0.000	154.731	154.098	0.633	3.600	154.309	-2.00	6.018	154.261	6.481	154.355	-0.094
-10.092	151.947	1.978	-6.135	153.925	-3.600	154.052	-2.00	480+0.000	154.474	153.340	1.134	3.600	154.052	-2.00	6.018	154.004	6.363	154.099	-0.035
-10.409	151.594	2.138	-6.135	153.732	-3.600	153.858	-2.00	481+0.000	154.280	153.038	1.243	3.600	153.858	-2.00	6.018	153.810	6.511	153.920	-0.11
-7.431	152.953	0.648	-6.135	153.601	-3.600	153.728	-2.00	482+0.000	154.150	153.688	0.462	3.600	153.728	-2.00	6.018	153.680	7.273	154.170	-0.49
-6.332	153.600	-0.098	-6.135	153.502	-3.600	153.629	-2.00	483+0.000	154.051	154.190	-0.139	3.600	153.629	-2.00	6.018	153.580	8.473	154.671	-1.091
-7.240	153.955	-0.552	-6.135	153.403	-3.600	153.530	-2.00	484+0.000	153.952	154.268	-0.317	3.600	153.530	-2.00	6.018	153.481	9.838	155.254	-1.773
-7.451	153.924	-0.658	-6.135	153.266	-3.600	153.393	-2.00	485+0.000	153.815	154.220	-0.405	3.600	153.393	-2.00	6.018	153.344	9.519	154.958	-1.614
-7.622	153.772	-0.743	-6.135	153.029	-3.600	153.156	-2.00	486+0.000	153.578	154.036	-0.459	3.600	153.156	-2.00	6.018	153.107	9.538	154.730	-1.623
-8.632	153.944	-1.248	-6.135	152.696	-3.600	152.822	-2.00	487+0.000	153.244	153.900	-0.655	3.600	152.822	-2.00	6.018	152.774	10.226	154.741	-1.967
-9.587	154.024	-1.726	-6.135	152.298	-3.600	152.425	-2.00	488+0.000	152.847	153.791	-0.944	3.600	152.425	-2.00	6.018	152.377	10.867	154.664	-2.287
-9.550	153.541	-1.708	-6.135	151.833	-3.600	151.960	-2.00	489+0.000	152.382	153.309	-0.927	3.600	151.960	-2.00	6.018	151.912	10.816	154.174	-2.262
-9.082	152.775	-1.473	-6.135	151.302	-3.600	151.428	-2.00	490+0.000	151.850	152.601	-0.751	3.600	151.428	-2.00	6.018	151.380	10.453	153.461	-2.081
-8.038	151.661	-0.952	-6.135	150.709	-3.600	150.836	-2.00	491+0.000	151.258	151.775	-0.517	3.600	150.836	-2.00	6.018	150.788	9.945	152.614	-1.826
-6.359	150.219	-0.112	-6.135	150.107	-3.600	150.234	-2.00	492+0.000	150.656	150.214	0.442	3.600	150.234	-2.00	6.018	150.185	7.688	150.884	-0.699
-7.952	148.596	0.909	-6.135	149.505	-3.600	149.631	-2.00	493+0.000	150.053	148.527	1.527	3.600	149.631	-2.00	6.018	149.583	7.065	149.040	0.543
-11.343	146.298	2.604	-6.135	148.902	-3.600	149.029	-2.00	494+0.000	149.451	146.929	2.522	3.600	149.029	-2.00	6.018	148.981	9.010	147.465	1.516
-13.547	145.328	2.972	-6.135	148.300	-3.600	148.427	-2.00	495+0.000	148.849	145.163	3.685	3.600	148.427	-2.00	6.018	148.378	11.050	145.843	2.535
-10.313	145.609	2.089	-6.135	147.698	-3.600	147.825	-2.00	496+0.000	148.247	144.720	3.527	3.600	147.825	-2.00	6.018	147.776	13.461	144.724	3.052
-8.521	145.916	1.193	-6.135	147.109	-3.600	147.236	-2.00	497+0.000	147.658	144.794	2.864	3.600	147.236	-2.00	6.018	147.188	15.231	143.342	3.846
-6.402	146.410	0.133	-6.135	146.543	-3.600	146.670	-2.00	498+0.000	147.092	145.737	1.355	3.600	146.670	-2.00	6.018	146.622	14.950	142.916	3.706
-7.668	146.766	-0.766	-6.135	146.000	-3.600	146.126	-2.00	499+0.000	146.548	146.109	0.439	3.600	146.126	-2.00	6.018	146.078	7.668	145.233	0.845
-7.242	146.032	-0.553	-6.135	145.479	-3.600	145.605	-2.00	500+0.000	146.027	145.666	0.362	3.600	145.605	-2.00	6.018	145.557	6.672	145.210	0.347
-6.641	145.233	-0.253	-6.135	144.980	-3.600	145.106	-2.00	501+0.000	145.528	145.010	0.518	3.600	145.106	-2.00	6.018	145.058	6.543	144.776	0.282
-7.477	143.832	0.671	-6.135	144.503	-3.600	144.630	-2.00	502+0.000	145.052	143.605	1.447	3.600	144.630	-2.00	6.018	144.582	9.031	143.055	1.527
-10.268	141.983	2.066	-6.135	144.049	-3.600	144.176	-2.00	503+0.000	144.598	141.518	3.080	3.600	144.176	-2.00	6.018	144.128	13.691	141.052	3.076
-15.231	139.850	3.768	-6.135	143.618	-3.600	143.744	-2.00	504+0.000	144.166	139.452	4.714	3.600	143.744	-2.00	6.018	143.696	17.434	138.748	4.948
-17.512	138.300	4.908	-6.135	143.208	-3.600	143.335	-2.00	505+0.000	143.757	138.613	5.144	3.600	143.335	-2.00	6.018	143.287	17.527	138.293	4.994
-17.715	137.812	5.01	-6.135	142.822	-3.600	142.948	-2.00	506+0.000	143.370	138.103	5.268	3.600	142.948	-2.00	6.018	142.900	18.130	137.604	5.296
-17.991	137.296	5.147	-6.135	142.443	-3.600	142.570	-2.00	507+0.000	142.992	138.232	4.760	3.600	142.570	-2.00	6.018	142.522	15.257	138.662	3.86
-11.685	139.277	2.774	-6.135	142.051	-3.600	142.178	-2.00	508+0.000	142.600	139.932	2.669	3.600	142.178	-2.00	6.018	142.130	8.572	140.833	1.297
-7.391	142.189	-0.628	-6.135	141.561	-3.600	141.688	-2.00	509+0.000	142.110	142.457	-0.347	3.600	141.688	-2.00	6.018	141.639	8.895	142.941	-1.302
-11.948	143.864	-2.906	-6.135	140.958	-3.600	141.084	-2.00	510+0.000	141.506	144.266	-2.760	3.600	141.084	-2.00	6.018	141.036	14.778	144.559	-3.523
-15.768	144.337	-4.096	-6.135	140.241	-3.600	140.368	-2.00	511+0.000	140.790	145.336	-4.546	3.600	140.368	-2.00	6.018	140.319	18.243	145.575	-5.256
-17.420	144.334	-4.923	-6.135	139.411	-3.600	139.538	-2.00	512+0.000	139.960	145.730	-5.770	3.600	139.538	-2.00	6.018	139.490	22.236	146.022	-6.532
-17.841	143.601	-5.133	-6.135	138.468	-3.600	138.595	-2.00	513+0.000	139.017	144.295	-5.278	3.600	138.595	-2.00	6.018	138.547	17.013	143.187	-4.64
-15.577	141.425	-4.001	-6.135	137.424	-3.600	137.550	-2.00	514+0.000	137.972	140.949	-2.976	3.600	137.550	-2.00	6.018	137.502	12.051	140.381	-2.879
-9.744	138.166	-1.805	-6.135	136.361	-3.600	136.488	-2.00	515+0.000	136.910	137.388	-0.478	3.600	136.488	-2.00	6.018	136.440	9.510	138.049	-1.609
-7.180	135.821	-0.522	-6.135	135.299	-3.600	135.426	-2.00	516+0.000	135.848	134.789	1.059	3.600	135.426	-2.00	6.018	135.377	6.443	135.453	-0.076
-6.394	134.107	0.13	-6.135	134.237	-3.600	134.364	-2.00	517+0.000	134.786	133.196	1.590	3.600	134.364	-2.00	6.018	134.315	8.387	133.111	1.204
-6.473	133.006	0.168	-6.135	133.174	-3.600	133.301	-2.00	518+0.000	133.723	132.630	1.094	3.600	133.301	-2.00	6.018	133.253	7.818	132.333	0.92
-6.262	132.180	-0.063	-6.135	132.117	-3.600	132.244	-2.00	519+0.000	132.666	132.036	0.629	3.600	132.244	-2.00	6.018	132.195	6.448	131.961	0.234
-6.155	131.635	0.01	-6.135	131.645	-3.600	131.771	-2.00	520+0.000	132.193	131.631	0.563	3.600	131.771	-2.00	6.018	131.723	6.334	131.744	-0.021
-6.487	131.477	0.176	-6.135	131.653	-3.600	13													

Nota de Serviço de Terraplenagem - AL-485 EST.: 0+00 A 683+15																													
Lado Esquerdo						Eixo						Lado Direito																	
Offset			Acostamento			Bordo			Estaca			Cota Projeto			Cota Terreno			Cota Vermelha			Bordo			Acostamento			Offset		
Afast. (m)	Cota (m)	Dif (m)	Afast. (m)	Cota (m)		Afast. (m)	Cota (m)	Incl. (%)	Estaca	Cota Projeto	Cota Terreno	Cota Vermelha	Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	Dif (m)		Afast. (m)	Cota (m)	Dif (m)					
-6.305	160.412	0,085	-6.135	160.497	-3.600	160.624	-0.30		5760+0.000	160.985	160.728	0.257	3.600	160.563	-2.00	6.018	160.514	9.492	162.114	-1,6									
-7.045	160.398	0,455	-6.135	160.853	-3.600	160.979	2.00		5770+0.000	161.257	160.864	0.393	3.600	160.835	-2.00	6.018	160.787	9.188	162.235	-1.448									
-6.208	160.996	0,037	-6.135	161.033	-3.600	161.159	-0.58		5780+0.000	161.530	160.948	0.582	3.600	161.108	-2.00	6.018	161.060	8.974	162.401	-1.341									
-6.194	161.284	-0,03	-6.135	161.254	-3.600	161.381	-2.00		5790+0.000	161.803	162.267	-0.464	3.600	161.381	-2.00	6.018	161.333	8.980	162.677	-1.344									
-6.327	161.623	-0,096	-6.135	161.527	-3.600	161.654	-2.00		5800+0.000	162.076	162.225	-0.149	3.600	161.654	-2.00	6.018	161.606	9.092	163.006	-1,4									
-6.587	161.574	0,226	-6.135	161.800	-3.600	161.927	-2.00		5810+0.000	162.349	162.151	0.198	3.600	161.927	-2.00	6.018	161.879	8.892	163.179	-1,3									
-6.461	161.910	0,163	-6.135	162.073	-3.600	162.200	-2.00		5820+0.000	162.622	162.195	0.427	3.600	162.200	-2.00	6.018	162.152	8.685	163.348	-1.196									
-6.754	162.036	0,309	-6.135	162.345	-3.600	162.472	-2.00		5830+0.000	162.894	162.584	0.310	3.600	162.472	-2.00	6.018	162.424	8.494	163.524	-1,1									
-6.445	162.514	-0,154	-6.135	162.360	-3.600	162.487	-2.00		5840+0.000	162.909	162.840	0.068	3.600	162.487	-2.00	6.018	162.438	9.052	163.818	-1,38									
-6.415	162.351	-0,14	-6.135	162.211	-3.600	162.338	-2.00		585+0.000	162.760	162.781	-0.022	3.600	162.338	-2.00	6.018	162.289	9.336	163.812	-1.523									
-6.300	162.144	-0,082	-6.135	162.062	-3.600	162.189	-2.00		586+0.000	162.611	162.840	-0.229	3.600	162.189	-2.00	6.018	162.140	9.670	163.830	-1,69									
-6.351	162.021	-0,108	-6.135	161.913	-3.600	162.040	-2.00		587+0.000	162.462	162.729	-0.267	3.600	162.040	-2.00	6.018	161.992	10.629	164.160	-2.168									
-6.566	161.980	-0,216	-6.135	161.764	-3.600	161.891	-2.00		588+0.000	162.313	162.665	-0.352	3.600	161.891	-2.00	6.018	161.843	9.900	163.647	-1.804									
-6.907	162.001	-0,386	-6.135	161.615	-3.600	161.742	-2.00		589+0.000	162.164	162.301	-0.136	3.600	161.742	-2.00	6.018	161.694	9.206	163.151	-1.457									
-6.786	161.792	-0,325	-6.135	161.467	-3.600	161.593	-2.00		590+0.000	162.015	162.361	-0.346	3.600	161.593	-2.00	6.018	161.545	9.293	163.046	-1.501									
-6.864	161.682	-0,364	-6.135	161.318	-3.600	161.444	-2.00		591+0.000	161.866	162.434	-0.567	3.600	161.444	-2.00	6.018	161.396	9.752	163.126	-1,73									
-7.028	161.615	-0,446	-6.135	161.169	-3.600	161.296	-2.00		592+0.000	161.718	162.207	-0.490	3.600	161.296	-2.00	6.018	161.247	9.504	162.853	-1.606									
-6.234	161.197	0,049	-6.135	161.246	-3.600	161.373	-2.00		593+0.000	161.795	161.804	-0.009	3.600	161.373	-2.00	6.018	161.325	7.109	161.733	-0.408									
-7.691	160.889	0,778	-6.135	161.667	-3.600	161.794	-2.00		594+0.000	162.216	161.101	1.115	3.600	161.794	-2.00	6.018	161.746	6.827	161.321	0,425									
-7.662	161.325	0,763	-6.135	162.088	-3.600	162.215	-2.00		595+0.000	162.637	161.276	1.362	3.600	162.215	-2.00	6.018	162.167	8.658	160.827	1,34									
-7.608	161.781	0,737	-6.135	162.518	-3.600	162.645	-2.00		596+0.000	163.067	163.228	-0.161	3.600	162.645	-2.00	6.018	162.596	6.941	162.921	-0.325									
-7.515	162.316	0,69	-6.135	163.006	-3.600	163.132	-2.00		597+0.000	163.554	163.563	-0.009	3.600	163.132	-2.00	6.018	163.084	8.352	164.114	-1,03									
-7.069	163.093	0,467	-6.135	163.560	-3.600	163.687	-2.00		598+0.000	164.109	163.519	0.590	3.600	163.687	-2.00	6.018	163.639	7.359	164.172	-0.533									
-7.664	163.417	0,765	-6.135	164.182	-3.600	164.308	-2.00		599+0.000	164.730	163.859	0.871	3.600	164.308	-2.00	6.018	164.260	6.215	164.221	0,039									
-7.335	164.266	0,6	-6.135	164.866	-3.600	164.993	-2.00		600+0.000	165.415	164.191	1.224	3.600	164.993	-2.00	6.018	164.944	7.656	164.105	0,839									
-7.492	164.888	0,678	-6.135	165.566	-3.600	165.693	-2.00		601+0.000	166.115	165.398	0.717	3.600	165.693	-2.00	6.018	165.644	6.209	165.529	0,115									
-8.058	165.304	0,962	-6.135	166.266	-3.600	166.392	-2.00		602+0.000	166.814	165.858	0.957	3.600	166.392	-2.00	6.018	166.344	7.669	165.499	0,845									
-8.020	166.023	0,942	-6.135	166.965	-3.600	167.092	-2.00		603+0.000	167.514	166.081	1.433	3.600	167.092	-2.00	6.018	167.044	8.605	165.730	1,314									
-8.184	166.640	1,025	-6.135	167.665	-3.600	167.792	-2.00		604+0.000	168.214	166.854	1.360	3.600	167.792	-2.00	6.018	167.743	8.087	166.689	1,054									
-8.258	167.303	1,062	-6.135	168.365	-3.600	168.491	-2.00		605+0.000	168.913	167.785	1.128	3.600	168.491	-2.00	6.018	168.443	7.889	167.588	0,855									
-8.047	168.108	0,956	-6.135	169.064	-3.600	169.191	-2.00		606+0.000	169.613	168.517	1.097	3.600	169.191	-2.00	6.018	169.143	7.743	168.260	0,883									
-7.829	168.917	0,847	-6.135	169.764	-3.600	169.891	-2.00		607+0.000	170.313	169.046	1.267	3.600	169.891	-2.00	6.018	169.842	7.341	169.161	0,681									
-7.260	169.901	0,563	-6.135	170.464	-3.600	170.591	-2.00		608+0.000	171.013	169.898	1.114	3.600	170.591	-2.00	6.018	170.542	6.832	170.116	0,426									
-7.277	170.592	0,572	-6.135	171.164	-3.600	171.290	-2.00		609+0.000	171.712	170.872	0.840	3.600	171.290	-2.00	6.018	171.242	6.467	170.998	0,244									
-7.256	171.303	0,56	-6.135	171.863	-3.600	171.990	-2.00		610+0.000	172.412	171.898	0.514	3.600	171.990	-2.00	6.018	171.942	6.300	171.946	-0,004									
-7.104	172.079	0,484	-6.135	172.563	-3.600	172.690	-2.00		611+0.000	173.112	172.331	0.781	3.600	172.690	-2.00	6.018	172.641	6.183	172.539	0,102									
-7.026	172.817	0,446	-6.135	173.263	-3.600	173.389	-2.00		612+0.000	173.811	173.365	0.446	3.600	173.389	-2.00	6.018	173.341	6.630	173.510	-0.169									
-7.045	173.508	0,454	-6.135	173.962	-3.600	174.089	-2.00		613+0.000	174.511	174.268	0.243	3.600	174.089	-2.00	6.018	174.041	7.831	174.810	-0.769									
-6.615	174.562	0,24	-6.135	174.802	-3.600	174.929	-2.00		614+0.000	175.351	175.022	0.329	3.600	174.929	-2.00	6.018	174.880	7.606	175.537	-0.657									
-6.755	175.475	0,31	-6.135	175.785	-3.600	175.911	-2.00		615+0.000	176.333	175.971	0.363	3.600	175.911	-2.00	6.018	175.863	7.699	176.567	-0.704									
-6.857	176.406	0,361	-6.135	176.767	-3.600	176.894	-2.00		616+0.000	177.316	176.872	0.444	3.600	176.894	-2.00	6.018	176.846	7.896	177.648	-0.802									
-7.933	176.851	0,899	-6.135	177.750	-3.600	177.877	-2.00		617+0.000	178.299	177.693	0.606	3.600	177.877	-2.00	6.018	177.828	7.734	178.549	-0.721									