

ENGENHARIA & CONSULTORIA										ENGENHARIA & CONSULTORIA									
OBJETO: PARQUE PAQUETA										OBJETO: PARQUE PAQUETA									
DATA: 18/04/2022										DATA: 18/04/2022									

Notas de Serviço

RUA PERIMETRAL LAGOA PACUETÁ 0+0.000 24+19.051

[illegible]

LICENÇA ENGENHARIA & CONSULTORIA

OBRA: PARQUE PAQUETÁ

DATA: 18/04/2022

PONTOS DE TERRAPLENAGEM

Corridor Name: RUA PERIMETRAL LAGOA PAQUETA

Base Alignment Name: RUA ACESSO LAMARTINE

Station Range: Start: 0+0.00, End: 24+19.05

CHAINAGE 0+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,747.4240	7,990,549.3905	888,0841	-3.200m	SUBBASE
2	190,748.0760	7,990,552.5234	888,1481	0.000m	SUBBASE
3	190,748.7891	7,990,555.9500	888,2181	3.500m	SUBBASE

CHAINAGE 0+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,742.5289	7,990,550.4093	888,1020	-3.200m	SUBBASE
2	190,743.1809	7,990,553.5421	888,1660	0.000m	SUBBASE
3	190,743.8940	7,990,556.9687	888,2360	3.500m	SUBBASE

CHAINAGE 0+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,737.6338	7,990,551.4280	888,1200	-3.200m	SUBBASE
2	190,738.2858	7,990,554.5609	888,1840	0.000m	SUBBASE
3	190,738.9989	7,990,557.9874	888,2540	3.500m	SUBBASE

CHAINAGE 0+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,732.2701	7,990,550.1949	888,7530	-5.500m	CALÇADA
2	190,732.6470	7,990,552.0061	888,7160	-3.650m	CALÇADA
3	190,732.7387	7,990,552.4467	888,1380	-3.200m	SUBBASE
4	190,733.3907	7,990,555.5796	888,2020	0.000m	SUBBASE
5	190,735.9027	7,990,567.6505	888,4486	12.330m	SUBBASE
6	190,735.9333	7,990,567.7974	889,0386	12.480m	CALÇADA
7	190,736.4121	7,990,570.0981	889,0856	14.830m	CALÇADA
8	190,736.5139	7,990,570.5876	889,0956	15.330m	CANTEIRO
9	190,737.1252	7,990,573.5247	889,1556	18.330m	CALÇADA

CHAINAGE 1+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,727.3749	7,990,551.2136	888,7709	-5.500m	CALÇADA

2	190,727.7519	7,990,553.0248	888,7339	-3.650m	CALÇADA
3	190,727.8436	7,990,553.4654	888,1559	-3.200m	SUBBASE
4	190,728.4955	7,990,556.5983	888,2199	0.000m	SUBBASE
5	190,729.8167	7,990,562.9468	888,3496	6.485m	SUBBASE
6	190,729.8473	7,990,563.0937	888,9396	6.635m	CALÇADA
7	190,730.4757	7,990,566.1133	889,0013	9.719m	CALÇADA
8	190,730.6188	7,990,566.8010	889,0153	10.421m	CANTEIRO
9	190,731.7212	7,990,572.0983	889,1236	15.832m	CALÇADA

CHAINAGE 1+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,722.4749	7,990,552.2088	888,7894	-5.524m	CALÇADA
2	190,722.8567	7,990,554.0436	888,7519	-3.650m	CALÇADA
3	190,722.9484	7,990,554.4841	888,1739	-3.200m	SUBBASE
4	190,723.6004	7,990,557.6170	888,2379	0.000m	SUBBASE
5	190,724.4341	7,990,561.6231	888,3197	4.092m	SUBBASE
6	190,724.4647	7,990,561.7700	888,9097	4.242m	CALÇADA
7	190,724.9668	7,990,564.1829	888,9590	6.707m	CALÇADA
8	190,725.0745	7,990,564.7005	888,9696	7.235m	CANTEIRO
9	190,725.7347	7,990,567.8727	889,0344	10.475m	CALÇADA

CHAINAGE 1+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,717.5743	7,990,553.2013	888,8079	-5.551m	CALÇADA
2	190,717.9616	7,990,555.0623	888,7698	-3.650m	CALÇADA
3	190,718.0533	7,990,555.5028	888,1918	-3.200m	SUBBASE
4	190,718.7053	7,990,558.6357	888,2558	0.000m	SUBBASE
5	190,719.4190	7,990,562.0650	888,3259	3.503m	SUBBASE
6	190,719.4495	7,990,562.2119	888,9159	3.653m	CALÇADA
7	190,719.9283	7,990,564.5126	888,9629	6.003m	CALÇADA
8	190,720.0302	7,990,565.0021	888,9729	6.503m	CANTEIRO
9	190,720.6414	7,990,567.9392	889,0329	9.503m	CALÇADA

CHAINAGE 1+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,712.6738	7,990,554.1939	888,8263	-5.578m	CALÇADA
2	190,713.0665	7,990,556.0810	888,7878	-3.650m	CALÇADA
3	190,713.1582	7,990,556.5215	888,2098	-3.200m	SUBBASE
4	190,713.8102	7,990,559.6544	888,2738	0.000m	SUBBASE
5	190,714.5238	7,990,563.0836	888,3438	3.503m	SUBBASE
6	190,714.5544	7,990,563.2305	888,9338	3.653m	CALÇADA
7	190,715.0332	7,990,565.5312	888,9808	6.003m	CALÇADA
8	190,715.1350	7,990,566.0207	888,9908	6.503m	CANTEIRO
9	190,715.7463	7,990,568.9578	889,0508	9.503m	CALÇADA

CHAINAGE 2+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,707.7732	7,990,555.1864	888,8448	-5.604m	CALÇADA
2	190,708.1714	7,990,557.0997	888,8058	-3.650m	CALÇADA
3	190,708.2631	7,990,557.5403	888,2278	-3.200m	SUBBASE
4	190,708.9150	7,990,560.6731	888,2918	0.000m	SUBBASE
5	190,709.6287	7,990,564.1022	888,3618	3.503m	SUBBASE
6	190,709.6592	7,990,564.2491	888,9518	3.653m	CALÇADA
7	190,710.1380	7,990,566.5498	888,9988	6.003m	CALÇADA
8	190,710.2399	7,990,567.0393	889,0088	6.503m	CANTEIRO
9	190,710.8511	7,990,569.9763	889,0688	9.503m	CALÇADA

CHAINAGE 2+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,702.8726	7,990,556.1790	888,8633	-5.631m	CALÇADA
2	190,703.2763	7,990,558.1184	888,8237	-3.650m	CALÇADA
3	190,703.3679	7,990,558.5590	888,2457	-3.200m	SUBBASE
4	190,704.0199	7,990,561.6918	888,3097	0.000m	SUBBASE
5	190,704.7335	7,990,565.1208	888,3798	3.502m	SUBBASE
6	190,704.7641	7,990,565.2676	888,9698	3.652m	CALÇADA
7	190,705.2429	7,990,567.5683	889,0168	6.002m	CALÇADA
8	190,705.3447	7,990,568.0579	889,0268	6.502m	CANTEIRO
9	190,705.9560	7,990,570.9949	889,0868	9.502m	CALÇADA

CHAINAGE 2+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,697.9721	7,990,557.1715	888,8818	-5.658m	CALÇADA
2	190,698.3811	7,990,559.1371	888,8417	-3.650m	CALÇADA
3	190,698.4728	7,990,559.5777	888,2637	-3.200m	SUBBASE
4	190,699.1248	7,990,562.7106	888,3277	0.000m	SUBBASE
5	190,699.8384	7,990,566.1394	888,3977	3.502m	SUBBASE
6	190,699.8689	7,990,566.2862	888,9877	3.652m	CALÇADA
7	190,700.3477	7,990,568.5869	889,0347	6.002m	CALÇADA
8	190,700.4496	7,990,569.0764	889,0447	6.502m	CANTEIRO
9	190,701.0608	7,990,572.0135	889,1047	9.502m	CALÇADA

CHAINAGE 2+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,693.0715	7,990,558.1641	888,9003	-5.684m	CALÇADA
2	190,693.4860	7,990,560.1558	888,8596	-3.650m	CALÇADA
3	190,693.5777	7,990,560.5964	888,2816	-3.200m	SUBBASE
4	190,694.2297	7,990,563.7293	888,3456	0.000m	SUBBASE
5	190,694.9432	7,990,567.1580	888,4157	3.502m	SUBBASE

6	190,694.9738	7,990,567.3048	889,0057	3.652m	CALÇADA
7	190,695.4526	7,990,569.6055	889,0527	6.002m	CALÇADA
8	190,695.5544	7,990,570.0950	889,0627	6.502m	CANTEIRO
9	190,696.1657	7,990,573.0321	889,1227	9.502m	CALÇADA

CHAINAGE 3+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,688.1709	7,990,559.1566	888,9188	-5.711m	CALÇADA
2	190,688.5909	7,990,561.1745	888,8776	-3.650m	CALÇADA
3	190,688.6826	7,990,561.6151	888,2996	-3.200m	SUBBASE
4	190,689.3346	7,990,564.7480	888,3636	0.000m	SUBBASE
5	190,690.0481	7,990,568.1765	888,4336	3.502m	SUBBASE
6	190,690.0786	7,990,568.3234	889,0236	3.652m	CALÇADA
7	190,690.5574	7,990,570.6241	889,0706	6.002m	CALÇADA
8	190,690.6593	7,990,571.1136	889,0806	6.502m	CANTEIRO
9	190,691.2705	7,990,574.0507	889,1406	9.502m	CALÇADA

CHAINAGE 3+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,683.2704	7,990,560.1492	888,9373	-5.738m	CALÇADA
2	190,683.6958	7,990,562.1933	888,8955	-3.650m	CALÇADA
3	190,683.7875	7,990,562.6338	888,3175	-3.200m	SUBBASE
4	190,684.4394	7,990,565.7667	888,3815	0.000m	SUBBASE
5	190,685.1529	7,990,569.1951	888,4516	3.502m	SUBBASE
6	190,685.1835	7,990,569.3420	889,0416	3.652m	CALÇADA
7	190,685.6623	7,990,571.6427	889,0886	6.002m	CALÇADA
8	190,685.7641	7,990,572.1322	889,0986	6.502m	CANTEIRO
9	190,686.3754	7,990,575.0693	889,1586	9.502m	CALÇADA

CHAINAGE 3+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,678.3698	7,990,561.1417	888,9558	-5.765m	CALÇADA
2	190,678.8006	7,990,563.2120	888,9135	-3.650m	CALÇADA
3	190,678.8923	7,990,563.6525	888,3355	-3.200m	SUBBASE
4	190,679.5443	7,990,566.7854	888,3995	0.000m	SUBBASE
5	190,680.2578	7,990,570.2137	888,4695	3.502m	SUBBASE
6	190,680.2883	7,990,570.3606	889,0595	3.652m	CALÇADA
7	190,680.7671	7,990,572.6613	889,1065	6.002m	CALÇADA
8	190,680.8690	7,990,573.1508	889,1165	6.502m	CANTEIRO
9	190,681.4802	7,990,576.0879	889,1765	9.502m	CALÇADA

CHAINAGE 3+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,673.4692	7,990,562.1343	888,9743	-5.791m	CALÇADA

2	190,673.9055	7,990,564.2307	888,9315	-3.650m	CALÇADA
3	190,673.9972	7,990,564.6713	888,3535	-3.200m	SUBBASE
4	190,674.6492	7,990,567.8041	888,4175	0.000m	SUBBASE
5	190,675.3626	7,990,571.2323	888,4875	3.502m	SUBBASE
6	190,675.3932	7,990,571.3792	889,0775	3.652m	CALÇADA
7	190,675.8720	7,990,573.6799	889,1245	6.002m	CALÇADA
8	190,675.9738	7,990,574.1694	889,1345	6.502m	CANTEIRO
9	190,676.5851	7,990,577.1065	889,1945	9.502m	CALÇADA

CHAINAGE 4+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,668.5687	7,990,563.1268	888,9928	-5.818m	CALÇADA
2	190,669.0104	7,990,565.2494	888,9494	-3.650m	CALÇADA
3	190,669.1021	7,990,565.6900	888,3714	-3.200m	SUBBASE
4	190,669.7541	7,990,568.8228	888,4354	0.000m	SUBBASE
5	190,670.4675	7,990,572.2509	888,5054	3.501m	SUBBASE
6	190,670.4980	7,990,572.3977	889,0954	3.651m	CALÇADA
7	190,670.9768	7,990,574.6985	889,1424	6.001m	CALÇADA
8	190,671.0787	7,990,575.1880	889,1524	6.501m	CANTEIRO
9	190,671.6899	7,990,578.1250	889,2124	9.501m	CALÇADA

CHAINAGE 4+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,663.6681	7,990,564.1194	889,0113	-5.845m	CALÇADA
2	190,664.1153	7,990,566.2681	888,9674	-3.650m	CALÇADA
3	190,664.2070	7,990,566.7087	888,3894	-3.200m	SUBBASE
4	190,664.8589	7,990,569.8416	888,4534	0.000m	SUBBASE
5	190,665.5723	7,990,573.2695	888,5234	3.501m	SUBBASE
6	190,665.6029	7,990,573.4163	889,1134	3.651m	CALÇADA
7	190,666.0817	7,990,575.7170	889,1604	6.001m	CALÇADA
8	190,666.1835	7,990,576.2066	889,1704	6.501m	CANTEIRO
9	190,666.7948	7,990,579.1436	889,2304	9.501m	CALÇADA

CHAINAGE 4+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,658.7675	7,990,565.1119	889,0298	-5.872m	CALÇADA
2	190,659.2202	7,990,567.2868	888,9853	-3.650m	CALÇADA
3	190,659.3118	7,990,567.7274	888,4073	-3.200m	SUBBASE
4	190,659.9638	7,990,570.8603	888,4713	0.000m	SUBBASE
5	190,660.6772	7,990,574.2881	888,5414	3.501m	SUBBASE
6	190,660.7077	7,990,574.4349	889,1314	3.651m	CALÇADA
7	190,661.1865	7,990,576.7356	889,1784	6.001m	CALÇADA
8	190,661.2884	7,990,577.2251	889,1884	6.501m	CANTEIRO
9	190,661.8996	7,990,580.1622	889,2484	9.501m	CALÇADA

CHAINAGE 4+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,653.8670	7,990,566.1044	889,0483	-5.898m	CALÇADA
2	190,654.3250	7,990,568.3055	889,0033	-3.650m	CALÇADA
3	190,654.4167	7,990,568.7461	888,4253	-3.200m	SUBBASE
4	190,655.0687	7,990,571.8790	888,4893	0.000m	SUBBASE
5	190,655.7820	7,990,575.3067	888,5593	3.501m	SUBBASE
6	190,655.8126	7,990,575.4535	889,1493	3.651m	CALÇADA
7	190,656.2914	7,990,577.7542	889,1963	6.001m	CALÇADA
8	190,656.3932	7,990,578.2437	889,2063	6.501m	CANTEIRO
9	190,657.0045	7,990,581.1808	889,2663	9.501m	CALÇADA

CHAINAGE 5+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,648.9664	7,990,567.0970	889,0667	-5.925m	CALÇADA
2	190,649.4299	7,990,569.3243	889,0212	-3.650m	CALÇADA
3	190,649.5216	7,990,569.7648	888,4432	-3.200m	SUBBASE
4	190,650.1736	7,990,572.8977	888,5072	0.000m	SUBBASE
5	190,650.8869	7,990,576.3252	888,5773	3.501m	SUBBASE
6	190,650.9174	7,990,576.4721	889,1673	3.651m	CALÇADA
7	190,651.3962	7,990,578.7728	889,2143	6.001m	CALÇADA
8	190,651.4981	7,990,579.2623	889,2243	6.501m	CANTEIRO
9	190,652.1093	7,990,582.1994	889,2843	9.501m	CALÇADA

CHAINAGE 5+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,644.0658	7,990,568.0895	889,0852	-5.952m	CALÇADA
2	190,644.5348	7,990,570.3430	889,0392	-3.650m	CALÇADA
3	190,644.6265	7,990,570.7835	888,4612	-3.200m	SUBBASE
4	190,645.2784	7,990,573.9164	888,5252	0.000m	SUBBASE
5	190,645.9917	7,990,577.3438	888,5952	3.501m	SUBBASE
6	190,646.0223	7,990,577.4907	889,1852	3.651m	CALÇADA
7	190,646.5011	7,990,579.7914	889,2322	6.001m	CALÇADA
8	190,646.6030	7,990,580.2809	889,2422	6.501m	CANTEIRO
9	190,647.2142	7,990,583.2180	889,3022	9.501m	CALÇADA

CHAINAGE 5+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,639.1653	7,990,569.0821	889,1037	-5.978m	CALÇADA
2	190,639.6397	7,990,571.3617	889,0572	-3.650m	CALÇADA
3	190,639.7314	7,990,571.8022	888,4792	-3.200m	SUBBASE
4	190,640.3833	7,990,574.9351	888,5432	0.000m	SUBBASE
5	190,641.0966	7,990,578.3624	888,6132	3.501m	SUBBASE

6	190,641.1271	7,990,578.5093	889,2032	3.651m	CALÇADA
7	190,641.6059	7,990,580.8100	889,2502	6.001m	CALÇADA
8	190,641.7078	7,990,581.2995	889,2602	6.501m	CANTEIRO
9	190,642.3190	7,990,584.2366	889,3202	9.501m	CALÇADA

CHAINAGE 5+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,634.2647	7,990,570.0746	889,1232	-6.005m	CALÇADA
2	190,634.7445	7,990,572.3804	889,0761	-3.650m	CALÇADA
3	190,634.8362	7,990,572.8210	888,4981	-3.200m	SUBBASE
4	190,635.4882	7,990,575.9538	888,5621	0.000m	SUBBASE
5	190,636.2014	7,990,579.3810	888,6321	3.501m	SUBBASE
6	190,636.2320	7,990,579.5279	889,2221	3.651m	CALÇADA
7	190,636.7108	7,990,581.8286	889,2691	6.001m	CALÇADA
8	190,636.8127	7,990,582.3181	889,2791	6.501m	CANTEIRO
9	190,637.4239	7,990,585.2551	889,3391	9.501m	CALÇADA

CHAINAGE 6+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,629.3641	7,990,571.0672	889,1460	-6.032m	CALÇADA
2	190,629.8494	7,990,573.3991	889,0984	-3.650m	CALÇADA
3	190,629.9411	7,990,573.8397	888,5204	-3.200m	SUBBASE
4	190,630.5931	7,990,576.9726	888,5844	0.000m	SUBBASE
5	190,631.3063	7,990,580.3996	888,6544	3.500m	SUBBASE
6	190,631.3368	7,990,580.5464	889,2444	3.650m	CALÇADA
7	190,631.8156	7,990,582.8472	889,2914	6.000m	CALÇADA
8	190,631.9175	7,990,583.3367	889,3014	6.500m	CANTEIRO
9	190,632.5287	7,990,586.2737	889,3614	9.500m	CALÇADA

CHAINAGE 6+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,624.0661	7,990,572.1402	889,1738	-6.129m	CALÇADA
2	190,624.7312	7,990,574.5288	889,1242	-3.650m	CALÇADA
3	190,624.8519	7,990,574.9623	888,5462	-3.200m	SUBBASE
4	190,625.7104	7,990,578.0450	888,6102	0.000m	SUBBASE
5	190,626.6493	7,990,581.4167	888,6802	3.500m	SUBBASE
6	190,626.6895	7,990,581.5612	889,2702	3.650m	CALÇADA
7	190,627.3200	7,990,583.8250	889,3172	6.000m	CALÇADA
8	190,627.4541	7,990,584.3067	889,3272	6.500m	CANTEIRO
9	190,628.2589	7,990,587.1968	889,3872	9.500m	CALÇADA

CHAINAGE 6+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,617.7738	7,990,573.4147	889,2253	-7.232m	CALÇADA

2	190,619.4012	7,990,576.6058	889,1537	-3.650m	CALÇADA
3	190,619.6056	7,990,577.0067	888,5757	-3.200m	SUBBASE
4	190,621.0594	7,990,579.8574	888,6397	0.000m	SUBBASE
5	190,622.6494	7,990,582.9754	888,7097	3.500m	SUBBASE
6	190,622.7176	7,990,583.1090	889,2997	3.650m	CALÇADA
7	190,623.7852	7,990,585.2025	889,3467	6.000m	CALÇADA
8	190,624.0124	7,990,585.6479	889,3567	6.500m	CANTEIRO
9	190,625.3753	7,990,588.3205	889,4167	9.500m	CALÇADA

CHAINAGE 6+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,612.4724	7,990,577.0362	889,2547	-7.053m	CALÇADA
2	190,614.5900	7,990,579.7004	889,1866	-3.650m	CALÇADA
3	190,614.8700	7,990,580.0527	888,6086	-3.200m	SUBBASE
4	190,616.8612	7,990,582.5578	888,6726	0.000m	SUBBASE
5	190,619.0390	7,990,585.2977	888,7426	3.500m	SUBBASE
6	190,619.1323	7,990,585.4151	889,3326	3.650m	CALÇADA
7	190,620.5946	7,990,587.2548	889,3796	6.000m	CALÇADA
8	190,620.9057	7,990,587.6462	889,3896	6.500m	CANTEIRO
9	190,622.7724	7,990,589.9947	889,4496	9.500m	CALÇADA

CHAINAGE 7+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,608.4377	7,990,581.9637	889,2768	-6.331m	CALÇADA
2	190,610.4896	7,990,583.6892	889,2232	-3.650m	CALÇADA
3	190,610.8340	7,990,583.9788	888,6452	-3.200m	SUBBASE
4	190,613.2831	7,990,586.0383	888,7092	0.000m	SUBBASE
5	190,615.9619	7,990,588.2910	888,7792	3.500m	SUBBASE
6	190,616.0767	7,990,588.3875	889,3692	3.650m	CALÇADA
7	190,617.8753	7,990,589.9000	889,4162	6.000m	CALÇADA
8	190,618.2579	7,990,590.2218	889,4262	6.500m	CANTEIRO
9	190,620.5540	7,990,592.1526	889,4862	9.500m	CALÇADA

CHAINAGE 7+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,605.2822	7,990,585.8672	889,3152	-6.248m	CALÇADA
2	190,607.2759	7,990,587.5337	889,2633	-3.650m	CALÇADA
3	190,607.6211	7,990,587.8223	888,6853	-3.200m	SUBBASE
4	190,610.0764	7,990,589.8746	888,7493	0.000m	SUBBASE
5	190,612.7618	7,990,592.1192	888,8193	3.500m	SUBBASE
6	190,612.8769	7,990,592.2155	889,4093	3.650m	CALÇADA
7	190,614.6799	7,990,593.7226	889,4563	6.000m	CALÇADA
8	190,615.0636	7,990,594.0433	889,4663	6.500m	CANTEIRO
9	190,617.3653	7,990,595.9673	889,5263	9.500m	CALÇADA

CHAINAGE 7+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,602.1309	7,990,589.7498	889,3574	-6.176m	CALÇADA
2	190,604.0692	7,990,591.3700	889,3069	-3.650m	CALÇADA
3	190,604.4145	7,990,591.6586	888,7289	-3.200m	SUBBASE
4	190,606.8697	7,990,593.7109	888,7929	0.000m	SUBBASE
5	190,609.5551	7,990,595.9555	888,8629	3.500m	SUBBASE
6	190,609.6702	7,990,596.0517	889,4529	3.650m	CALÇADA
7	190,611.4732	7,990,597.5589	889,4999	6.000m	CALÇADA
8	190,611.8569	7,990,597.8796	889,5099	6.500m	CANTEIRO
9	190,614.1587	7,990,599.8036	889,5699	9.500m	CALÇADA

CHAINAGE 7+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,598.9789	7,990,593.6318	889,4032	-6.105m	CALÇADA
2	190,600.8625	7,990,595.2063	889,3541	-3.650m	CALÇADA
3	190,601.2078	7,990,595.4949	888,7761	-3.200m	SUBBASE
4	190,603.6630	7,990,597.5472	888,8401	0.000m	SUBBASE
5	190,606.3484	7,990,599.7918	888,9101	3.500m	SUBBASE
6	190,606.4635	7,990,599.8880	889,5001	3.650m	CALÇADA
7	190,608.2666	7,990,601.3952	889,5471	6.000m	CALÇADA
8	190,608.6502	7,990,601.7159	889,5571	6.500m	CANTEIRO
9	190,610.9520	7,990,603.6399	889,6171	9.500m	CALÇADA

CHAINAGE 8+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,595.8280	7,990,597.5148	889,4525	-6.032m	CALÇADA
2	190,597.6558	7,990,599.0426	889,4049	-3.650m	CALÇADA
3	190,598.0011	7,990,599.3312	888,8269	-3.200m	SUBBASE
4	190,600.4563	7,990,601.3835	888,8909	0.000m	SUBBASE
5	190,603.1417	7,990,603.6281	888,9609	3.500m	SUBBASE
6	190,603.2568	7,990,603.7243	889,5509	3.650m	CALÇADA
7	190,605.0599	7,990,605.2315	889,5979	6.000m	CALÇADA
8	190,605.4435	7,990,605.5522	889,6079	6.500m	CANTEIRO
9	190,607.7453	7,990,607.4762	889,6679	9.500m	CALÇADA

CHAINAGE 8+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,592.6758	7,990,601.3966	889,5054	-5.961m	CALÇADA
2	190,594.4491	7,990,602.8789	889,4592	-3.650m	CALÇADA
3	190,594.7944	7,990,603.1675	888,8812	-3.200m	SUBBASE
4	190,597.2496	7,990,605.2198	888,9452	0.000m	SUBBASE
5	190,599.9351	7,990,607.4644	889,0152	3.500m	SUBBASE

6	190,600.0501	7,990,607.5606	889,6052	3.650m	CALÇADA
7	190,601.8532	7,990,609.0678	889,6522	6.000m	CALÇADA
8	190,602.2368	7,990,609.3885	889,6622	6.500m	CANTEIRO
9	190,604.5386	7,990,611.3125	889,7222	9.500m	CALÇADA

CHAINAGE 8+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,589.5110	7,990,605.2679	889,5622	-5.907m	CALÇADA
2	190,591.2425	7,990,606.7152	889,5170	-3.650m	CALÇADA
3	190,591.5877	7,990,607.0038	888,9390	-3.200m	SUBBASE
4	190,594.0430	7,990,609.0561	889,0030	0.000m	SUBBASE
5	190,596.7284	7,990,611.3007	889,0730	3.500m	SUBBASE
6	190,596.8435	7,990,611.3969	889,6630	3.650m	CALÇADA
7	190,598.6465	7,990,612.9041	889,7100	6.000m	CALÇADA
8	190,599.0301	7,990,613.2248	889,7200	6.500m	CANTEIRO
9	190,601.3319	7,990,615.1488	889,7800	9.500m	CALÇADA

CHAINAGE 8+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,586.3462	7,990,609.1392	889,6225	-5.852m	CALÇADA
2	190,588.0358	7,990,610.5515	889,5785	-3.650m	CALÇADA
3	190,588.3810	7,990,610.8401	889,0005	-3.200m	SUBBASE
4	190,590.8363	7,990,612.8924	889,0645	0.000m	SUBBASE
5	190,593.5217	7,990,615.1370	889,1345	3.500m	SUBBASE
6	190,593.6368	7,990,615.2332	889,7245	3.650m	CALÇADA
7	190,595.4398	7,990,616.7404	889,7715	6.000m	CALÇADA
8	190,595.8235	7,990,617.0611	889,7815	6.500m	CANTEIRO
9	190,598.1252	7,990,618.9851	889,8415	9.500m	CALÇADA

CHAINAGE 9+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,583.1814	7,990,613.0105	889,6864	-5.798m	CALÇADA
2	190,584.8291	7,990,614.3878	889,6435	-3.650m	CALÇADA
3	190,585.1744	7,990,614.6764	889,0655	-3.200m	SUBBASE
4	190,587.6296	7,990,616.7287	889,1295	0.000m	SUBBASE
5	190,590.3150	7,990,618.9733	889,1995	3.500m	SUBBASE
6	190,590.4301	7,990,619.0695	889,7895	3.650m	CALÇADA
7	190,592.2332	7,990,620.5767	889,8365	6.000m	CALÇADA
8	190,592.6168	7,990,620.8974	889,8465	6.500m	CANTEIRO
9	190,594.9186	7,990,622.8214	889,9065	9.500m	CALÇADA

CHAINAGE 9+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,580.0166	7,990,616.8818	889,7538	-5.743m	CALÇADA

2	190,581.6224	7,990,618.2241	889,7120	-3.650m	CALÇADA
3	190,581.9677	7,990,618.5127	889,1340	-3.200m	SUBBASE
4	190,584.4229	7,990,620.5650	889,1980	0.000m	SUBBASE
5	190,587.1083	7,990,622.8096	889,2680	3.500m	SUBBASE
6	190,587.2234	7,990,622.9058	889,8580	3.650m	CALÇADA
7	190,589.0265	7,990,624.4130	889,9050	6.000m	CALÇADA
8	190,589.4101	7,990,624.7337	889,9150	6.500m	CANTEIRO
9	190,591.7119	7,990,626.6577	889,9750	9.500m	CALÇADA

CHAINAGE 9+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,576.8518	7,990,620.7531	889,8249	-5.688m	CALÇADA
2	190,578.4157	7,990,622.0604	889,7841	-3.650m	CALÇADA
3	190,578.7610	7,990,622.3490	889,2061	-3.200m	SUBBASE
4	190,581.2162	7,990,624.4013	889,2701	0.000m	SUBBASE
5	190,583.9016	7,990,626.6459	889,3401	3.500m	SUBBASE
6	190,584.0167	7,990,626.7421	889,9301	3.650m	CALÇADA
7	190,585.8198	7,990,628.2493	889,9771	6.000m	CALÇADA
8	190,586.2034	7,990,628.5700	889,9871	6.500m	CANTEIRO
9	190,588.5052	7,990,630.4940	890,0471	9.500m	CALÇADA

CHAINAGE 9+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,573.6870	7,990,624.6244	889,8994	-5.634m	CALÇADA
2	190,575.2091	7,990,625.8967	889,8597	-3.650m	CALÇADA
3	190,575.5543	7,990,626.1853	889,2817	-3.200m	SUBBASE
4	190,578.0095	7,990,628.2376	889,3457	0.000m	SUBBASE
5	190,580.6950	7,990,630.4822	889,4157	3.500m	SUBBASE
6	190,580.8100	7,990,630.5784	890,0057	3.650m	CALÇADA
7	190,582.6131	7,990,632.0856	890,0527	6.000m	CALÇADA
8	190,582.9967	7,990,632.4063	890,0627	6.500m	CANTEIRO
9	190,585.2985	7,990,634.3303	890,1227	9.500m	CALÇADA

CHAINAGE 10+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,570.5222	7,990,628.4958	889,9775	-5.579m	CALÇADA
2	190,572.0024	7,990,629.7330	889,9389	-3.650m	CALÇADA
3	190,572.3476	7,990,630.0216	889,3609	-3.200m	SUBBASE
4	190,574.8029	7,990,632.0739	889,4249	0.000m	SUBBASE
5	190,577.4883	7,990,634.3185	889,4949	3.500m	SUBBASE
6	190,577.6034	7,990,634.4147	890,0849	3.650m	CALÇADA
7	190,579.4064	7,990,635.9219	890,1319	6.000m	CALÇADA
8	190,579.7901	7,990,636.2425	890,1419	6.500m	CANTEIRO
9	190,582.0918	7,990,638.1666	890,2019	9.500m	CALÇADA

CHAINAGE 10+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,567.3485	7,990,632.3596	890,0594	-5.536m	CALÇADA
2	190,568.7957	7,990,633.5693	890,0217	-3.650m	CALÇADA
3	190,569.1410	7,990,633.8579	889,4437	-3.200m	SUBBASE
4	190,571.5962	7,990,635.9102	889,5077	0.000m	SUBBASE
5	190,574.2816	7,990,638.1548	889,5777	3.500m	SUBBASE
6	190,574.3967	7,990,638.2510	890,1677	3.650m	CALÇADA
7	190,576.1997	7,990,639.7582	890,2147	6.000m	CALÇADA
8	190,576.5834	7,990,640.0788	890,2247	6.500m	CANTEIRO
9	190,578.8852	7,990,642.0029	890,2847	9.500m	CALÇADA

CHAINAGE 10+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,564.1621	7,990,636.2129	890,1452	-5.510m	CALÇADA
2	190,565.5890	7,990,637.4056	890,1080	-3.650m	CALÇADA
3	190,565.9343	7,990,637.6942	889,5300	-3.200m	SUBBASE
4	190,568.3895	7,990,639.7465	889,5940	0.000m	SUBBASE
5	190,571.0749	7,990,641.9911	889,6640	3.500m	SUBBASE
6	190,571.1900	7,990,642.0873	890,2540	3.650m	CALÇADA
7	190,572.9931	7,990,643.5945	890,3010	6.000m	CALÇADA
8	190,573.3767	7,990,643.9151	890,3110	6.500m	CANTEIRO
9	190,575.6785	7,990,645.8392	890,3710	9.500m	CALÇADA

CHAINAGE 10+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,560.9627	7,990,640.0553	890,2349	-5.500m	CALÇADA
2	190,562.3823	7,990,641.2419	890,1979	-3.650m	CALÇADA
3	190,562.7276	7,990,641.5305	889,6199	-3.200m	SUBBASE
4	190,565.1828	7,990,643.5828	889,6839	0.000m	SUBBASE
5	190,567.8682	7,990,645.8274	889,7539	3.500m	SUBBASE
6	190,567.9833	7,990,645.9236	890,3439	3.650m	CALÇADA
7	190,569.7864	7,990,647.4308	890,3909	6.000m	CALÇADA
8	190,570.1700	7,990,647.7514	890,4009	6.500m	CANTEIRO
9	190,572.4718	7,990,649.6755	890,4609	9.500m	CALÇADA

CHAINAGE 11+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,557.7434	7,990,643.8810	890,3287	-5.517m	CALÇADA
2	190,559.1756	7,990,645.0782	890,2913	-3.650m	CALÇADA
3	190,559.5209	7,990,645.3668	889,7133	-3.200m	SUBBASE
4	190,561.9761	7,990,647.4191	889,7773	0.000m	SUBBASE
5	190,564.6615	7,990,649.6637	889,8473	3.500m	SUBBASE

6	190,564.7766	7,990,649.7599	890,4373	3.650m	CALÇADA
7	190,566.5797	7,990,651.2671	890,4843	6.000m	CALÇADA
8	190,566.9633	7,990,651.5877	890,4943	6.500m	CANTEIRO
9	190,569.2651	7,990,653.5118	890,5543	9.500m	CALÇADA

CHAINAGE 11+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,554.5249	7,990,647.7074	890,4260	-5.532m	CALÇADA
2	190,555.9690	7,990,648.9145	890,3883	-3.650m	CALÇADA
3	190,556.3142	7,990,649.2031	889,8103	-3.200m	SUBBASE
4	190,558.7695	7,990,651.2554	889,8743	0.000m	SUBBASE
5	190,561.4549	7,990,653.5000	889,9443	3.500m	SUBBASE
6	190,561.5700	7,990,653.5962	890,5343	3.650m	CALÇADA
7	190,563.3730	7,990,655.1034	890,5813	6.000m	CALÇADA
8	190,563.7566	7,990,655.4240	890,5913	6.500m	CANTEIRO
9	190,566.0584	7,990,657.3481	890,6513	9.500m	CALÇADA

CHAINAGE 11+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,551.3099	7,990,651.5368	890,5267	-5.543m	CALÇADA
2	190,552.7623	7,990,652.7508	890,4889	-3.650m	CALÇADA
3	190,553.1075	7,990,653.0394	889,9109	-3.200m	SUBBASE
4	190,555.5628	7,990,655.0917	889,9749	0.000m	SUBBASE
5	190,558.2482	7,990,657.3363	890,0449	3.500m	SUBBASE
6	190,558.3633	7,990,657.4325	890,6349	3.650m	CALÇADA
7	190,560.1663	7,990,658.9397	890,6819	6.000m	CALÇADA
8	190,560.5500	7,990,659.2603	890,6919	6.500m	CANTEIRO
9	190,562.8517	7,990,661.1844	890,7519	9.500m	CALÇADA

CHAINAGE 11+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,548.0927	7,990,655.3643	890,6311	-5.557m	CALÇADA
2	190,549.5556	7,990,656.5871	890,5930	-3.650m	CALÇADA
3	190,549.9009	7,990,656.8757	890,0150	-3.200m	SUBBASE
4	190,552.3561	7,990,658.9280	890,0790	0.000m	SUBBASE
5	190,555.0415	7,990,661.1726	890,1490	3.500m	SUBBASE
6	190,555.1566	7,990,661.2688	890,7390	3.650m	CALÇADA
7	190,556.9597	7,990,662.7760	890,7860	6.000m	CALÇADA
8	190,557.3433	7,990,663.0966	890,7960	6.500m	CANTEIRO
9	190,559.6451	7,990,665.0207	890,8560	9.500m	CALÇADA

CHAINAGE 12+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,544.8623	7,990,659.1808	890,7376	-5.588m	CALÇADA

2	190,546.3489	7,990,660.4234	890,6988	-3.650m	CALÇADA
3	190,546.6942	7,990,660.7120	890,1208	-3.200m	SUBBASE
4	190,549.1494	7,990,662.7643	890,1848	0.000m	SUBBASE
5	190,551.8348	7,990,665.0089	890,2548	3.500m	SUBBASE
6	190,551.9499	7,990,665.1051	890,8448	3.650m	CALÇADA
7	190,553.7530	7,990,666.6123	890,8918	6.000m	CALÇADA
8	190,554.1366	7,990,666.9329	890,9018	6.500m	CANTEIRO
9	190,556.4384	7,990,668.8570	890,9618	9.500m	CALÇADA

CHAINAGE 12+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,541.6319	7,990,662.9972	890,8441	-5.618m	CALÇADA
2	190,543.1422	7,990,664.2597	890,8047	-3.650m	CALÇADA
3	190,543.4875	7,990,664.5483	890,2267	-3.200m	SUBBASE
4	190,545.9427	7,990,666.6006	890,2907	0.000m	SUBBASE
5	190,548.6281	7,990,668.8452	890,3607	3.500m	SUBBASE
6	190,548.7432	7,990,668.9414	890,9507	3.650m	CALÇADA
7	190,550.5463	7,990,670.4486	890,9977	6.000m	CALÇADA
8	190,550.9299	7,990,670.7692	891,0077	6.500m	CANTEIRO
9	190,553.2317	7,990,672.6933	891,0677	9.500m	CALÇADA

CHAINAGE 12+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,538.4113	7,990,666.8219	890,9503	-5.637m	CALÇADA
2	190,539.9355	7,990,668.0960	890,9106	-3.650m	CALÇADA
3	190,540.2808	7,990,668.3846	890,3326	-3.200m	SUBBASE
4	190,542.7360	7,990,670.4369	890,3966	0.000m	SUBBASE
5	190,545.4215	7,990,672.6815	890,4666	3.500m	SUBBASE
6	190,545.5365	7,990,672.7777	891,0566	3.650m	CALÇADA
7	190,547.3396	7,990,674.2849	891,1036	6.000m	CALÇADA
8	190,547.7232	7,990,674.6055	891,1136	6.500m	CANTEIRO
9	190,550.0250	7,990,676.5296	891,1736	9.500m	CALÇADA

CHAINAGE 12+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,535.2048	7,990,670.6584	891,0562	-5.636m	CALÇADA
2	190,536.7289	7,990,671.9323	891,0165	-3.650m	CALÇADA
3	190,537.0741	7,990,672.2209	890,4385	-3.200m	SUBBASE
4	190,539.5294	7,990,674.2732	890,5025	0.000m	SUBBASE
5	190,542.2148	7,990,676.5178	890,5725	3.500m	SUBBASE
6	190,542.3299	7,990,676.6140	891,1625	3.650m	CALÇADA
7	190,544.1329	7,990,678.1212	891,2095	6.000m	CALÇADA
8	190,544.5166	7,990,678.4418	891,2195	6.500m	CANTEIRO
9	190,546.8183	7,990,680.3658	891,2795	9.500m	CALÇADA

CHAINAGE 13+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,531.9884	7,990,674.4865	891,1623	-5.649m	CALÇADA
2	190,533.5222	7,990,675.7686	891,1223	-3.650m	CALÇADA
3	190,533.8675	7,990,676.0572	890,5443	-3.200m	SUBBASE
4	190,536.3227	7,990,678.1095	890,6083	0.000m	SUBBASE
5	190,539.0081	7,990,680.3541	890,6783	3.500m	SUBBASE
6	190,539.1232	7,990,680.4503	891,2683	3.650m	CALÇADA
7	190,540.9262	7,990,681.9575	891,3153	6.000m	CALÇADA
8	190,541.3099	7,990,682.2781	891,3253	6.500m	CANTEIRO
9	190,543.6117	7,990,684.2021	891,3853	9.500m	CALÇADA

CHAINAGE 13+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,528.7493	7,990,678.2957	891,2690	-5.691m	CALÇADA
2	190,530.3155	7,990,679.6049	891,2282	-3.650m	CALÇADA
3	190,530.6608	7,990,679.8935	890,6502	-3.200m	SUBBASE
4	190,533.1160	7,990,681.9458	890,7142	0.000m	SUBBASE
5	190,535.8014	7,990,684.1904	890,7842	3.500m	SUBBASE
6	190,535.9165	7,990,684.2866	891,3742	3.650m	CALÇADA
7	190,537.7196	7,990,685.7938	891,4212	6.000m	CALÇADA
8	190,538.1032	7,990,686.1144	891,4312	6.500m	CANTEIRO
9	190,540.4050	7,990,688.0384	891,4912	9.500m	CALÇADA

CHAINAGE 13+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,525.5117	7,990,682.1062	891,3757	-5.732m	CALÇADA
2	190,527.1088	7,990,683.4412	891,3341	-3.650m	CALÇADA
3	190,527.4541	7,990,683.7298	890,7561	-3.200m	SUBBASE
4	190,529.9093	7,990,685.7821	890,8201	0.000m	SUBBASE
5	190,532.5947	7,990,688.0267	890,8901	3.500m	SUBBASE
6	190,532.7098	7,990,688.1229	891,4801	3.650m	CALÇADA
7	190,534.5129	7,990,689.6301	891,5271	6.000m	CALÇADA
8	190,534.8965	7,990,689.9507	891,5371	6.500m	CANTEIRO
9	190,537.1983	7,990,691.8747	891,5971	9.500m	CALÇADA

CHAINAGE 13+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,522.2781	7,990,685.9200	891,4823	-5.767m	CALÇADA
2	190,523.9021	7,990,687.2775	891,4400	-3.650m	CALÇADA
3	190,524.2474	7,990,687.5661	890,8620	-3.200m	SUBBASE
4	190,526.7026	7,990,689.6183	890,9260	0.000m	SUBBASE
5	190,529.3880	7,990,691.8630	890,9960	3.500m	SUBBASE

6	190,529.5031	7,990,691.9592	891,5860	3.650m	CALÇADA
7	190,531.3062	7,990,693.4664	891,6330	6.000m	CALÇADA
8	190,531.6898	7,990,693.7870	891,6430	6.500m	CANTEIRO
9	190,533.9916	7,990,695.7110	891,7030	9.500m	CALÇADA

CHAINAGE 14+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,519.0440	7,990,689.7334	891,5889	-5.802m	CALÇADA
2	190,520.6955	7,990,691.1138	891,5458	-3.650m	CALÇADA
3	190,521.0407	7,990,691.4024	890,9678	-3.200m	SUBBASE
4	190,523.4960	7,990,693.4546	891,0318	0.000m	SUBBASE
5	190,526.1814	7,990,695.6993	891,1018	3.500m	SUBBASE
6	190,526.2965	7,990,695.7955	891,6918	3.650m	CALÇADA
7	190,528.0995	7,990,697.3027	891,7388	6.000m	CALÇADA
8	190,528.4831	7,990,697.6233	891,7488	6.500m	CANTEIRO
9	190,530.7849	7,990,699.5473	891,8088	9.500m	CALÇADA

CHAINAGE 14+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,515.8083	7,990,693.5454	891,6955	-5.840m	CALÇADA
2	190,517.4888	7,990,694.9501	891,6517	-3.650m	CALÇADA
3	190,517.8340	7,990,695.2387	891,0737	-3.200m	SUBBASE
4	190,520.2893	7,990,697.2909	891,1377	0.000m	SUBBASE
5	190,522.9747	7,990,699.5356	891,2077	3.500m	SUBBASE
6	190,523.0898	7,990,699.6318	891,7977	3.650m	CALÇADA
7	190,524.8928	7,990,701.1390	891,8447	6.000m	CALÇADA
8	190,525.2765	7,990,701.4596	891,8547	6.500m	CANTEIRO
9	190,527.5782	7,990,703.3836	891,9147	9.500m	CALÇADA

CHAINAGE 14+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,512.5767	7,990,697.3609	891,8021	-5.873m	CALÇADA
2	190,514.2821	7,990,698.7864	891,7576	-3.650m	CALÇADA
3	190,514.6274	7,990,699.0750	891,1796	-3.200m	SUBBASE
4	190,517.0826	7,990,701.1272	891,2436	0.000m	SUBBASE
5	190,519.7680	7,990,703.3719	891,3136	3.500m	SUBBASE
6	190,519.8831	7,990,703.4681	891,9036	3.650m	CALÇADA
7	190,521.6862	7,990,704.9753	891,9506	6.000m	CALÇADA
8	190,522.0698	7,990,705.2959	891,9606	6.500m	CANTEIRO
9	190,524.3716	7,990,707.2199	892,0206	9.500m	CALÇADA

CHAINAGE 14+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,509.3591	7,990,701.1880	891,9082	-5.887m	CALÇADA

2	190,511.0754	7,990,702.6227	891,8635	-3.650m	CALÇADA
3	190,511.4207	7,990,702.9113	891,2855	-3.200m	SUBBASE
4	190,513.8759	7,990,704.9635	891,3495	0.000m	SUBBASE
5	190,516.5613	7,990,707.2082	891,4195	3.500m	SUBBASE
6	190,516.6764	7,990,707.3044	892,0095	3.650m	CALÇADA
7	190,518.4795	7,990,708.8116	892,0565	6.000m	CALÇADA
8	190,518.8631	7,990,709.1322	892,0665	6.500m	CANTEIRO
9	190,521.1649	7,990,711.0562	892,1265	9.500m	CALÇADA

CHAINAGE 15+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,506.1385	7,990,705.0127	892,0145	-5.905m	CALÇADA
2	190,507.8687	7,990,706.4590	891,9694	-3.650m	CALÇADA
3	190,508.2140	7,990,706.7476	891,3914	-3.200m	SUBBASE
4	190,510.6692	7,990,708.7998	891,4554	0.000m	SUBBASE
5	190,513.3546	7,990,711.0445	891,5254	3.500m	SUBBASE
6	190,513.4697	7,990,711.1407	892,1154	3.650m	CALÇADA
7	190,515.2728	7,990,712.6479	892,1624	6.000m	CALÇADA
8	190,515.6564	7,990,712.9685	892,1724	6.500m	CANTEIRO
9	190,517.9582	7,990,714.8925	892,2324	9.500m	CALÇADA

CHAINAGE 15+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,502.9072	7,990,708.8284	892,1210	-5.937m	CALÇADA
2	190,504.6620	7,990,710.2953	892,0752	-3.650m	CALÇADA
3	190,505.0073	7,990,710.5839	891,4972	-3.200m	SUBBASE
4	190,507.4625	7,990,712.6361	891,5612	0.000m	SUBBASE
5	190,510.1480	7,990,714.8808	891,6312	3.500m	SUBBASE
6	190,510.2630	7,990,714.9770	892,2212	3.650m	CALÇADA
7	190,512.0661	7,990,716.4842	892,2682	6.000m	CALÇADA
8	190,512.4497	7,990,716.8048	892,2782	6.500m	CANTEIRO
9	190,514.7515	7,990,718.7288	892,3382	9.500m	CALÇADA

CHAINAGE 15+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,499.6753	7,990,712.6436	892,2275	-5.970m	CALÇADA
2	190,501.4554	7,990,714.1316	892,1811	-3.650m	CALÇADA
3	190,501.8006	7,990,714.4202	891,6031	-3.200m	SUBBASE
4	190,504.2559	7,990,716.4724	891,6671	0.000m	SUBBASE
5	190,506.9413	7,990,718.7171	891,7371	3.500m	SUBBASE
6	190,507.0564	7,990,718.8133	892,3271	3.650m	CALÇADA
7	190,508.8594	7,990,720.3205	892,3741	6.000m	CALÇADA
8	190,509.2431	7,990,720.6411	892,3841	6.500m	CANTEIRO
9	190,511.5448	7,990,722.5651	892,4441	9.500m	CALÇADA

CHAINAGE 15+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,496.4415	7,990,716.4573	892,3341	-6.005m	CALÇADA
2	190,498.2487	7,990,717.9679	892,2870	-3.650m	CALÇADA
3	190,498.5940	7,990,718.2565	891,7090	-3.200m	SUBBASE
4	190,501.0492	7,990,720.3087	891,7730	0.000m	SUBBASE
5	190,503.7346	7,990,722.5534	891,8430	3.500m	SUBBASE
6	190,503.8497	7,990,722.6496	892,4330	3.650m	CALÇADA
7	190,505.6527	7,990,724.1568	892,4800	6.000m	CALÇADA
8	190,506.0364	7,990,724.4774	892,4900	6.500m	CANTEIRO
9	190,508.3382	7,990,726.4014	892,5500	9.500m	CALÇADA

CHAINAGE 16+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,493.2068	7,990,720.2701	892,4407	-6.042m	CALÇADA
2	190,495.0420	7,990,721.8042	892,3929	-3.650m	CALÇADA
3	190,495.3873	7,990,722.0928	891,8149	-3.200m	SUBBASE
4	190,497.8425	7,990,724.1450	891,8789	0.000m	SUBBASE
5	190,500.5279	7,990,726.3897	891,9489	3.500m	SUBBASE
6	190,500.6430	7,990,726.4859	892,5389	3.650m	CALÇADA
7	190,502.4461	7,990,727.9931	892,5859	6.000m	CALÇADA
8	190,502.8297	7,990,728.3137	892,5959	6.500m	CANTEIRO
9	190,505.1315	7,990,730.2377	892,6559	9.500m	CALÇADA

CHAINAGE 16+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,489.9708	7,990,724.0820	892,5474	-6.080m	CALÇADA
2	190,491.8353	7,990,725.6405	892,4988	-3.650m	CALÇADA
3	190,492.1806	7,990,725.9291	891,9208	-3.200m	SUBBASE
4	190,494.6358	7,990,727.9813	891,9848	0.000m	SUBBASE
5	190,497.3212	7,990,730.2260	892,0548	3.500m	SUBBASE
6	190,497.4363	7,990,730.3222	892,6448	3.650m	CALÇADA
7	190,499.2394	7,990,731.8294	892,6918	6.000m	CALÇADA
8	190,499.6230	7,990,732.1500	892,7018	6.500m	CANTEIRO
9	190,501.9248	7,990,734.0740	892,7618	9.500m	CALÇADA

CHAINAGE 16+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,486.7332	7,990,727.8924	892,6565	-6.120m	CALÇADA
2	190,488.6286	7,990,729.4768	892,6071	-3.650m	CALÇADA
3	190,488.9739	7,990,729.7654	892,0291	-3.200m	SUBBASE
4	190,491.4291	7,990,731.8176	892,0931	0.000m	SUBBASE
5	190,494.1145	7,990,734.0623	892,1631	3.500m	SUBBASE

6	190,494.2296	7,990,734.1585	892,7531	3.650m	CALÇADA
7	190,496.0327	7,990,735.6657	892,8001	6.000m	CALÇADA
8	190,496.4163	7,990,735.9863	892,8101	6.500m	CANTEIRO
9	190,498.7181	7,990,737.9103	892,8701	9.500m	CALÇADA

CHAINAGE 16+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,483.4906	7,990,731.6987	892,7692	-6.167m	CALÇADA
2	190,485.4220	7,990,733.3131	892,7189	-3.650m	CALÇADA
3	190,485.7672	7,990,733.6017	892,1409	-3.200m	SUBBASE
4	190,488.2225	7,990,735.6539	892,2049	0.000m	SUBBASE
5	190,490.9079	7,990,737.8986	892,2749	3.500m	SUBBASE
6	190,491.0230	7,990,737.9948	892,8649	3.650m	CALÇADA
7	190,492.8260	7,990,739.5020	892,9119	6.000m	CALÇADA
8	190,493.2096	7,990,739.8226	892,9219	6.500m	CANTEIRO
9	190,495.5114	7,990,741.7466	892,9819	9.500m	CALÇADA

CHAINAGE 17+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,480.2502	7,990,735.5013	892,8854	-6.211m	CALÇADA
2	190,482.2144	7,990,737.1454	892,8342	-3.650m	CALÇADA
3	190,482.5595	7,990,737.4343	892,2562	-3.200m	SUBBASE
4	190,485.0133	7,990,739.4882	892,3202	0.000m	SUBBASE
5	190,487.6972	7,990,741.7347	892,3902	3.500m	SUBBASE
6	190,487.8122	7,990,741.8310	892,9802	3.650m	CALÇADA
7	190,489.6143	7,990,743.3393	893,0272	6.000m	CALÇADA
8	190,489.9977	7,990,743.6603	893,0372	6.500m	CANTEIRO
9	190,492.2982	7,990,745.5858	893,0972	9.500m	CALÇADA

CHAINAGE 17+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,477.0051	7,990,739.3054	893,0051	-6.258m	CALÇADA
2	190,479.0051	7,990,740.9796	892,9529	-3.650m	CALÇADA
3	190,479.3502	7,990,741.2684	892,3749	-3.200m	SUBBASE
4	190,481.8041	7,990,743.3223	892,4389	0.000m	SUBBASE
5	190,484.4879	7,990,745.5688	892,5089	3.500m	SUBBASE
6	190,484.6030	7,990,745.6651	893,0989	3.650m	CALÇADA
7	190,486.4050	7,990,747.1735	893,1459	6.000m	CALÇADA
8	190,486.7884	7,990,747.4944	893,1559	6.500m	CANTEIRO
9	190,489.0889	7,990,749.4200	893,2159	9.500m	CALÇADA

CHAINAGE 17+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,473.7588	7,990,743.1086	893,1283	-6.307m	CALÇADA

2	190,475.7959	7,990,744.8137	893,0752	-3.650m	CALÇADA
3	190,476.1409	7,990,745.1025	892,4972	-3.200m	SUBBASE
4	190,478.5948	7,990,747.1565	892,5612	0.000m	SUBBASE
5	190,481.2787	7,990,749.4029	892,6312	3.500m	SUBBASE
6	190,481.3937	7,990,749.4992	893,2212	3.650m	CALÇADA
7	190,483.1957	7,990,751.0076	893,2682	6.000m	CALÇADA
8	190,483.5791	7,990,751.3285	893,2782	6.500m	CANTEIRO
9	190,485.8796	7,990,753.2541	893,3382	9.500m	CALÇADA

CHAINAGE 17+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,470.5073	7,990,746.9074	893,2551	-6.361m	CALÇADA
2	190,472.5866	7,990,748.6478	893,2009	-3.650m	CALÇADA
3	190,472.9317	7,990,748.9366	892,6229	-3.200m	SUBBASE
4	190,475.3855	7,990,750.9906	892,6869	0.000m	SUBBASE
5	190,478.0694	7,990,753.2371	892,7569	3.500m	SUBBASE
6	190,478.1844	7,990,753.3334	893,3469	3.650m	CALÇADA
7	190,479.9864	7,990,754.8417	893,3939	6.000m	CALÇADA
8	190,480.3699	7,990,755.1626	893,4039	6.500m	CANTEIRO
9	190,482.6703	7,990,757.0882	893,4639	9.500m	CALÇADA

CHAINAGE 18+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,467.2571	7,990,750.7073	893,3854	-6.415m	CALÇADA
2	190,469.3773	7,990,752.4819	893,3301	-3.650m	CALÇADA
3	190,469.7224	7,990,752.7708	892,7521	-3.200m	SUBBASE
4	190,472.1762	7,990,754.8247	892,8161	0.000m	SUBBASE
5	190,474.8601	7,990,757.0712	892,8861	3.500m	SUBBASE
6	190,474.9751	7,990,757.1675	893,4761	3.650m	CALÇADA
7	190,476.7772	7,990,758.6758	893,5231	6.000m	CALÇADA
8	190,477.1606	7,990,758.9968	893,5331	6.500m	CANTEIRO
9	190,479.4611	7,990,760.9223	893,5931	9.500m	CALÇADA

CHAINAGE 18+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,464.0116	7,990,754.5111	893,5191	-6.462m	CALÇADA
2	190,466.1680	7,990,756.3161	893,4628	-3.650m	CALÇADA
3	190,466.5131	7,990,756.6049	892,8848	-3.200m	SUBBASE
4	190,468.9669	7,990,758.6588	892,9488	0.000m	SUBBASE
5	190,471.6508	7,990,760.9053	893,0188	3.500m	SUBBASE
6	190,471.7658	7,990,761.0016	893,6088	3.650m	CALÇADA
7	190,473.5679	7,990,762.5100	893,6558	6.000m	CALÇADA
8	190,473.9513	7,990,762.8309	893,6658	6.500m	CANTEIRO
9	190,476.2518	7,990,764.7565	893,7258	9.500m	CALÇADA

CHAINAGE 18+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,460.7700	7,990,758.3181	893,6561	-6.504m	CALÇADA
2	190,462.9587	7,990,760.1502	893,5990	-3.650m	CALÇADA
3	190,463.3038	7,990,760.4390	893,0210	-3.200m	SUBBASE
4	190,465.7577	7,990,762.4930	893,0850	0.000m	SUBBASE
5	190,468.4415	7,990,764.7394	893,1550	3.500m	SUBBASE
6	190,468.5566	7,990,764.8357	893,7450	3.650m	CALÇADA
7	190,470.3586	7,990,766.3441	893,7920	6.000m	CALÇADA
8	190,470.7420	7,990,766.6650	893,8020	6.500m	CANTEIRO
9	190,473.0425	7,990,768.5906	893,8620	9.500m	CALÇADA

CHAINAGE 18+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,457.5391	7,990,762.1342	893,7963	-6.532m	CALÇADA
2	190,459.7495	7,990,763.9843	893,7387	-3.650m	CALÇADA
3	190,460.0945	7,990,764.2731	893,1607	-3.200m	SUBBASE
4	190,462.5484	7,990,766.3271	893,2247	0.000m	SUBBASE
5	190,465.2323	7,990,768.5736	893,2947	3.500m	SUBBASE
6	190,465.3473	7,990,768.6699	893,8847	3.650m	CALÇADA
7	190,467.1493	7,990,770.1782	893,9317	6.000m	CALÇADA
8	190,467.5327	7,990,770.4991	893,9417	6.500m	CANTEIRO
9	190,469.8332	7,990,772.4247	894,0017	9.500m	CALÇADA

CHAINAGE 19+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,454.3079	7,990,765.9499	893,9401	-6.561m	CALÇADA
2	190,456.5402	7,990,767.8184	893,8818	-3.650m	CALÇADA
3	190,456.8853	7,990,768.1073	893,3038	-3.200m	SUBBASE
4	190,459.3391	7,990,770.1612	893,3678	0.000m	SUBBASE
5	190,462.0230	7,990,772.4077	893,4378	3.500m	SUBBASE
6	190,462.1380	7,990,772.5040	894,0278	3.650m	CALÇADA
7	190,463.9400	7,990,774.0123	894,0748	6.000m	CALÇADA
8	190,464.3235	7,990,774.3333	894,0848	6.500m	CANTEIRO
9	190,466.6239	7,990,776.2588	894,1448	9.500m	CALÇADA

CHAINAGE 19+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,451.0758	7,990,769.7650	894,0873	-6.591m	CALÇADA
2	190,453.3309	7,990,771.6526	894,0285	-3.650m	CALÇADA
3	190,453.6760	7,990,771.9414	893,4505	-3.200m	SUBBASE
4	190,456.1298	7,990,773.9953	893,5145	0.000m	SUBBASE
5	190,458.8137	7,990,776.2418	893,5845	3.500m	SUBBASE

6	190,458.9287	7,990,776.3381	894,1745	3.650m	CALÇADA
7	190,460.7308	7,990,777.8465	894,2215	6.000m	CALÇADA
8	190,461.1142	7,990,778.1674	894,2315	6.500m	CANTEIRO
9	190,463.4147	7,990,780.0930	894,2915	9.500m	CALÇADA

CHAINAGE 19+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,447.8440	7,990,773.5802	894,2380	-6.620m	CALÇADA
2	190,450.1216	7,990,775.4867	894,1786	-3.650m	CALÇADA
3	190,450.4667	7,990,775.7755	893,6006	-3.200m	SUBBASE
4	190,452.9205	7,990,777.8295	893,6646	0.000m	SUBBASE
5	190,455.6044	7,990,780.0760	893,7346	3.500m	SUBBASE
6	190,455.7194	7,990,780.1722	894,3246	3.650m	CALÇADA
7	190,457.5215	7,990,781.6806	894,3716	6.000m	CALÇADA
8	190,457.9049	7,990,782.0015	894,3816	6.500m	CANTEIRO
9	190,460.2054	7,990,783.9271	894,4416	9.500m	CALÇADA

CHAINAGE 19+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,444.6127	7,990,777.3959	894,3922	-6.649m	CALÇADA
2	190,446.9123	7,990,779.3208	894,3322	-3.650m	CALÇADA
3	190,447.2574	7,990,779.6096	893,7542	-3.200m	SUBBASE
4	190,449.7113	7,990,781.6636	893,8182	0.000m	SUBBASE
5	190,452.3951	7,990,783.9101	893,8882	3.500m	SUBBASE
6	190,452.5102	7,990,784.0064	894,4782	3.650m	CALÇADA
7	190,454.3122	7,990,785.5147	894,5252	6.000m	CALÇADA
8	190,454.6956	7,990,785.8356	894,5352	6.500m	CANTEIRO
9	190,456.9961	7,990,787.7612	894,5952	9.500m	CALÇADA

CHAINAGE 20+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,441.3858	7,990,781.2107	894,5498	-6.674m	CALÇADA
2	190,443.7037	7,990,783.1530	894,4893	-3.650m	CALÇADA
3	190,444.0486	7,990,783.4420	893,9113	-3.200m	SUBBASE
4	190,446.5014	7,990,785.4972	893,9753	0.000m	SUBBASE
5	190,449.1841	7,990,787.7451	894,0453	3.500m	SUBBASE
6	190,449.2991	7,990,787.8414	894,6353	3.650m	CALÇADA
7	190,451.1003	7,990,789.3508	894,6823	6.000m	CALÇADA
8	190,451.4835	7,990,789.6719	894,6923	6.500m	CANTEIRO
9	190,453.7830	7,990,791.5987	894,7523	9.500m	CALÇADA

CHAINAGE 20+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,438.1629	7,990,785.0334	894,7107	-6.689m	CALÇADA

2	190,440.4924	7,990,786.9854	894,6499	-3.650m	CALÇADA
3	190,440.8373	7,990,787.2744	894,0719	-3.200m	SUBBASE
4	190,443.2901	7,990,789.3296	894,1359	0.000m	SUBBASE
5	190,445.9728	7,990,791.5776	894,2059	3.500m	SUBBASE
6	190,446.0878	7,990,791.6739	894,7959	3.650m	CALÇADA
7	190,447.8890	7,990,793.1832	894,8429	6.000m	CALÇADA
8	190,448.2723	7,990,793.5043	894,8529	6.500m	CANTEIRO
9	190,450.5717	7,990,795.4311	894,9129	9.500m	CALÇADA

CHAINAGE 20+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,434.9459	7,990,788.8612	894,8749	-6.697m	CALÇADA
2	190,437.2811	7,990,790.8179	894,8140	-3.650m	CALÇADA
3	190,437.6260	7,990,791.1069	894,2360	-3.200m	SUBBASE
4	190,440.0788	7,990,793.1621	894,3000	0.000m	SUBBASE
5	190,442.7615	7,990,795.4100	894,3700	3.500m	SUBBASE
6	190,442.8765	7,990,795.5063	894,9600	3.650m	CALÇADA
7	190,444.6777	7,990,797.0156	895,0070	6.000m	CALÇADA
8	190,445.0610	7,990,797.3368	895,0170	6.500m	CANTEIRO
9	190,447.3604	7,990,799.2635	895,0770	9.500m	CALÇADA

CHAINAGE 20+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,431.7588	7,990,792.7138	895,0419	-6.665m	CALÇADA
2	190,434.0698	7,990,794.6503	894,9816	-3.650m	CALÇADA
3	190,434.4147	7,990,794.9393	894,4036	-3.200m	SUBBASE
4	190,436.8675	7,990,796.9945	894,4676	0.000m	SUBBASE
5	190,439.5502	7,990,799.2424	894,5376	3.500m	SUBBASE
6	190,439.6652	7,990,799.3388	895,1276	3.650m	CALÇADA
7	190,441.4664	7,990,800.8481	895,1746	6.000m	CALÇADA
8	190,441.8497	7,990,801.1692	895,1846	6.500m	CANTEIRO
9	190,444.1491	7,990,803.0960	895,2446	9.500m	CALÇADA

CHAINAGE 21+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,428.5760	7,990,796.5701	895,2122	-6.628m	CALÇADA
2	190,430.8585	7,990,798.4827	895,1526	-3.650m	CALÇADA
3	190,431.2035	7,990,798.7718	894,5746	-3.200m	SUBBASE
4	190,433.6562	7,990,800.8270	894,6386	0.000m	SUBBASE
5	190,436.3389	7,990,803.0749	894,7086	3.500m	SUBBASE
6	190,436.4539	7,990,803.1712	895,2986	3.650m	CALÇADA
7	190,438.2551	7,990,804.6805	895,3456	6.000m	CALÇADA
8	190,438.6384	7,990,805.0017	895,3556	6.500m	CANTEIRO
9	190,440.9379	7,990,806.9284	895,4156	9.500m	CALÇADA

CHAINAGE 21+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,425.4075	7,990,800.4385	895,3856	-6.572m	CALÇADA
2	190,427.6472	7,990,802.3152	895,3271	-3.650m	CALÇADA
3	190,427.9922	7,990,802.6042	894,7491	-3.200m	SUBBASE
4	190,430.4449	7,990,804.6594	894,8131	0.000m	SUBBASE
5	190,433.1276	7,990,806.9073	894,8831	3.500m	SUBBASE
6	190,433.2426	7,990,807.0037	895,4731	3.650m	CALÇADA
7	190,435.0439	7,990,808.5130	895,5201	6.000m	CALÇADA
8	190,435.4271	7,990,808.8341	895,5301	6.500m	CANTEIRO
9	190,437.7266	7,990,810.7609	895,5901	9.500m	CALÇADA

CHAINAGE 21+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,422.2393	7,990,804.3070	895,5625	-6.516m	CALÇADA
2	190,424.4360	7,990,806.1476	895,5052	-3.650m	CALÇADA
3	190,424.7809	7,990,806.4366	894,9272	-3.200m	SUBBASE
4	190,427.2336	7,990,808.4919	894,9912	0.000m	SUBBASE
5	190,429.9163	7,990,810.7398	895,0612	3.500m	SUBBASE
6	190,430.0313	7,990,810.8361	895,6512	3.650m	CALÇADA
7	190,431.8326	7,990,812.3454	895,6982	6.000m	CALÇADA
8	190,432.2158	7,990,812.6665	895,7082	6.500m	CANTEIRO
9	190,434.5153	7,990,814.5933	895,7682	9.500m	CALÇADA

CHAINAGE 21+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,419.0715	7,990,808.1759	895,7428	-6.459m	CALÇADA
2	190,421.2247	7,990,809.9801	895,6867	-3.650m	CALÇADA
3	190,421.5696	7,990,810.2691	895,1087	-3.200m	SUBBASE
4	190,424.0223	7,990,812.3243	895,1727	0.000m	SUBBASE
5	190,426.7051	7,990,814.5722	895,2427	3.500m	SUBBASE
6	190,426.8200	7,990,814.6686	895,8327	3.650m	CALÇADA
7	190,428.6213	7,990,816.1779	895,8797	6.000m	CALÇADA
8	190,429.0045	7,990,816.4990	895,8897	6.500m	CANTEIRO
9	190,431.3040	7,990,818.4258	895,9497	9.500m	CALÇADA

CHAINAGE 22+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,415.9006	7,990,812.0422	895,9268	-6.406m	CALÇADA
2	190,418.0134	7,990,813.8125	895,8716	-3.650m	CALÇADA
3	190,418.3583	7,990,814.1015	895,2936	-3.200m	SUBBASE
4	190,420.8111	7,990,816.1568	895,3576	0.000m	SUBBASE
5	190,423.4938	7,990,818.4047	895,4276	3.500m	SUBBASE

6	190,423.6087	7,990,818.5010	896,0176	3.650m	CALÇADA
7	190,425.4100	7,990,820.0103	896,0646	6.000m	CALÇADA
8	190,425.7932	7,990,820.3314	896,0746	6.500m	CANTEIRO
9	190,428.0927	7,990,822.2582	896,1346	9.500m	CALÇADA

CHAINAGE 22+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,412.7222	7,990,815.9021	896,1144	-6.364m	CALÇADA
2	190,414.8021	7,990,817.6450	896,0601	-3.650m	CALÇADA
3	190,415.1470	7,990,817.9340	895,4821	-3.200m	SUBBASE
4	190,417.5998	7,990,819.9892	895,5461	0.000m	SUBBASE
5	190,420.2825	7,990,822.2371	895,6161	3.500m	SUBBASE
6	190,420.3975	7,990,822.3334	896,2061	3.650m	CALÇADA
7	190,422.1987	7,990,823.8427	896,2531	6.000m	CALÇADA
8	190,422.5819	7,990,824.1639	896,2631	6.500m	CANTEIRO
9	190,424.8814	7,990,826.0906	896,3231	9.500m	CALÇADA

CHAINAGE 22+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,409.5349	7,990,819.7547	896,3057	-6.332m	CALÇADA
2	190,411.5908	7,990,821.4774	896,2521	-3.650m	CALÇADA
3	190,411.9357	7,990,821.7664	895,6741	-3.200m	SUBBASE
4	190,414.3885	7,990,823.8216	895,7381	0.000m	SUBBASE
5	190,417.0712	7,990,826.0695	895,8081	3.500m	SUBBASE
6	190,417.1862	7,990,826.1659	896,3981	3.650m	CALÇADA
7	190,418.9874	7,990,827.6752	896,4451	6.000m	CALÇADA
8	190,419.3707	7,990,827.9963	896,4551	6.500m	CANTEIRO
9	190,421.6701	7,990,829.9231	896,5151	9.500m	CALÇADA

CHAINAGE 22+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,406.3254	7,990,823.5887	896,5011	-6.330m	CALÇADA
2	190,408.3795	7,990,825.3098	896,4475	-3.650m	CALÇADA
3	190,408.7244	7,990,825.5989	895,8695	-3.200m	SUBBASE
4	190,411.1772	7,990,827.6541	895,9335	0.000m	SUBBASE
5	190,413.8599	7,990,829.9020	896,0035	3.500m	SUBBASE
6	190,413.9749	7,990,829.9983	896,5935	3.650m	CALÇADA
7	190,415.7761	7,990,831.5076	896,6405	6.000m	CALÇADA
8	190,416.1594	7,990,831.8288	896,6505	6.500m	CANTEIRO
9	190,418.4588	7,990,833.7555	896,7105	9.500m	CALÇADA

CHAINAGE 23+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,403.1124	7,990,827.4197	896,7001	-6.332m	CALÇADA

2	190,405.1682	7,990,829.1423	896,6465	-3.650m	CALÇADA
3	190,405.5131	7,990,829.4313	896,0685	-3.200m	SUBBASE
4	190,407.9659	7,990,831.4865	896,1325	0.000m	SUBBASE
5	190,410.6486	7,990,833.7344	896,2025	3.500m	SUBBASE
6	190,410.7636	7,990,833.8308	896,7925	3.650m	CALÇADA
7	190,412.5648	7,990,835.3401	896,8395	6.000m	CALÇADA
8	190,412.9481	7,990,835.6612	896,8495	6.500m	CANTEIRO
9	190,415.2475	7,990,837.5880	896,9095	9.500m	CALÇADA

CHAINAGE 23+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,399.8911	7,990,831.2437	896,9028	-6.345m	CALÇADA
2	190,401.9569	7,990,832.9747	896,8489	-3.650m	CALÇADA
3	190,402.3018	7,990,833.2637	896,2709	-3.200m	SUBBASE
4	190,404.7546	7,990,835.3190	896,3349	0.000m	SUBBASE
5	190,407.4373	7,990,837.5669	896,4049	3.500m	SUBBASE
6	190,407.5523	7,990,837.6632	896,9949	3.650m	CALÇADA
7	190,409.3535	7,990,839.1725	897,0419	6.000m	CALÇADA
8	190,409.7368	7,990,839.4936	897,0519	6.500m	CANTEIRO
9	190,412.0363	7,990,841.4204	897,1119	9.500m	CALÇADA

CHAINAGE 23+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,396.6611	7,990,835.0605	897,1092	-6.370m	CALÇADA
2	190,398.7456	7,990,836.8072	897,0548	-3.650m	CALÇADA
3	190,399.0906	7,990,837.0962	896,4768	-3.200m	SUBBASE
4	190,401.5433	7,990,839.1514	896,5408	0.000m	SUBBASE
5	190,404.2260	7,990,841.3993	896,6108	3.500m	SUBBASE
6	190,404.3410	7,990,841.4957	897,2008	3.650m	CALÇADA
7	190,406.1423	7,990,843.0050	897,2478	6.000m	CALÇADA
8	190,406.5255	7,990,843.3261	897,2578	6.500m	CANTEIRO
9	190,408.8250	7,990,845.2529	897,3178	9.500m	CALÇADA

CHAINAGE 23+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,393.4132	7,990,838.8623	897,3195	-6.417m	CALÇADA
2	190,395.5344	7,990,840.6396	897,2642	-3.650m	CALÇADA
3	190,395.8793	7,990,840.9286	896,6862	-3.200m	SUBBASE
4	190,398.3320	7,990,842.9839	896,7502	0.000m	SUBBASE
5	190,401.0147	7,990,845.2318	896,8202	3.500m	SUBBASE
6	190,401.1297	7,990,845.3281	897,4102	3.650m	CALÇADA
7	190,402.9310	7,990,846.8374	897,4572	6.000m	CALÇADA
8	190,403.3142	7,990,847.1585	897,4672	6.500m	CANTEIRO
9	190,405.6137	7,990,849.0853	897,5272	9.500m	CALÇADA

CHAINAGE 24+0.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,390.1804	7,990,842.6767	897,5328	-6.445m	CALÇADA
2	190,392.3231	7,990,844.4721	897,4769	-3.650m	CALÇADA
3	190,392.6680	7,990,844.7611	896,8989	-3.200m	SUBBASE
4	190,395.1207	7,990,846.8163	896,9629	0.000m	SUBBASE
5	190,397.8035	7,990,849.0642	897,0329	3.500m	SUBBASE
6	190,397.9184	7,990,849.1605	897,6229	3.650m	CALÇADA
7	190,399.7197	7,990,850.6698	897,6699	6.000m	CALÇADA
8	190,400.1029	7,990,850.9910	897,6799	6.500m	CANTEIRO
9	190,402.4024	7,990,852.9177	897,7399	9.500m	CALÇADA

CHAINAGE 24+5.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,386.9646	7,990,846.5053	897,7468	-6.451m	CALÇADA
2	190,389.1118	7,990,848.3045	897,6908	-3.650m	CALÇADA
3	190,389.4567	7,990,848.5935	897,1128	-3.200m	SUBBASE
4	190,391.9095	7,990,850.6487	897,1768	0.000m	SUBBASE
5	190,394.5922	7,990,852.8966	897,2468	3.500m	SUBBASE
6	190,394.7071	7,990,852.9930	897,8368	3.650m	CALÇADA
7	190,396.5084	7,990,854.5023	897,8838	6.000m	CALÇADA
8	190,396.8916	7,990,854.8234	897,8938	6.500m	CANTEIRO
9	190,399.1911	7,990,856.7502	897,9538	9.500m	CALÇADA

CHAINAGE 24+10.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,384.4825	7,990,850.9488	897,9740	-5.500m	CALÇADA
2	190,385.9005	7,990,852.1369	897,9370	-3.650m	CALÇADA
3	190,386.2454	7,990,852.4260	897,3590	-3.200m	SUBBASE
4	190,388.6982	7,990,854.4812	897,4230	0.000m	SUBBASE
5	190,391.3809	7,990,856.7291	897,4930	3.500m	SUBBASE
6	190,391.4959	7,990,856.8254	898,0830	3.650m	CALÇADA
7	190,393.2971	7,990,858.3347	898,1300	6.000m	CALÇADA
8	190,393.6803	7,990,858.6559	898,1400	6.500m	CANTEIRO
9	190,395.9798	7,990,860.5826	898,2000	9.500m	CALÇADA

CHAINAGE 24+15.00

POINT	X	Y	Z	OFFSET	STRING CUT
1	190,381.2712	7,990,854.7812	898,2249	-5.500m	CALÇADA
2	190,382.6892	7,990,855.9694	898,1879	-3.650m	CALÇADA
3	190,383.0341	7,990,856.2584	897,6099	-3.200m	SUBBASE
4	190,385.4869	7,990,858.3136	897,6739	0.000m	SUBBASE
5	190,388.1696	7,990,860.5615	897,7439	3.500m	SUBBASE

6	190,388.2846	7,990,860.6579	898,3339	3.650m	CALÇADA
7	190,390.0858	7,990,862.1672	898,3809	6.000m	CALÇADA
8	190,390.4691	7,990,862.4883	898,3909	6.500m	CANTEIRO
9	190,392.7685	7,990,864.4151	898,4509	9.500m	CALÇADA

LICENGE ENGENHARIA & CONSULTORIA
OBRA: PARQUE PAQUETÁ
DATA: 18/04/2022

Nota de Serviço Tabela - Terraplenagem

RUA DE ACESSO RUA ACESSO LAMARTINE 0+0.000 24+19.051

Lado Esquerdo						Eixo						Lado Direito					
			ETW_Sub			Estaca	Pontos Notáveis da Geometria Horizontal	Pontos Notáveis da Geometria Vertical	Cota Projeto	Cota Terreno	Cota Vermelha	ETW_Sub			Afast. (m)	Cota (m)	Incl. (%)
Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	Incl. (%)							Afast. (m)	Cota (m)	Incl. (%)			
			-3.200	888.084	-2.00	0+0.000			888.588	888.545	0.043	3.500	888.218	2.00			
			-3.200	888.120	-2.00	0+10.000			888.624	888.475	0.149	3.500	888.254	2.00			
-3.650	888.147	-2.00	-3.200	888.156	-2.00	1+0.000			888.660	888.611	0.049	6.485	888.350	2.00	6.635	888.353	2.00
-3.650	888.183	-2.00	-3.200	888.192	-2.00	1+10.000			888.696	888.896	-0.200	3.503	888.326	2.00	3.653	888.329	2.00
-3.650	888.219	-2.00	-3.200	888.228	-2.00	2+0.000			888.732	888.821	-0.089	3.503	888.362	2.00	3.653	888.365	2.00
-3.650	888.255	-2.00	-3.200	888.264	-2.00	2+10.000			888.768	888.734	0.034	3.502	888.398	2.00	3.652	888.401	2.00
-3.650	888.291	-2.00	-3.200	888.300	-2.00	3+0.000			888.804	888.650	0.153	3.502	888.434	2.00	3.652	888.437	2.00
-3.650	888.326	-2.00	-3.200	888.335	-2.00	3+10.000			888.839	888.725	0.115	3.502	888.470	2.00	3.652	888.473	2.00
-3.650	888.362	-2.00	-3.200	888.371	-2.00	4+0.000			888.875	888.845	0.030	3.501	888.505	2.00	3.651	888.508	2.00
-3.650	888.398	-2.00	-3.200	888.407	-2.00	4+10.000			888.911	888.966	-0.055	3.501	888.541	2.00	3.651	888.544	2.00
-3.650	888.434	-2.00	-3.200	888.443	-2.00	5+0.000			888.947	889.000	-0.052	3.501	888.577	2.00	3.651	888.580	2.00
-3.650	888.470	-2.00	-3.200	888.479	-2.00	5+10.000		PCV	888.983	889.000	-0.017	3.501	888.613	2.00	3.651	888.616	2.00
-3.650	888.511	-2.00	-3.200	888.520	-2.00	6+0.000			889.024	889.000	0.024	3.500	888.654	2.00	3.650	888.657	2.00
-3.650	888.528	-2.00	-3.200	888.537	-2.00	6+3.340	PC		889.041	889.000	0.041	3.500	888.671	2.00	3.650	888.674	2.00
-3.650	888.567	-2.00	-3.200	888.576	-2.00	6+10.000			889.080	889.003	0.077	3.500	888.710	2.00	3.650	888.713	2.00
-3.650	888.578	-2.00	-3.200	888.587	-2.00	6+11.707			889.091	889.003	0.088	3.500	888.721	2.00	3.650	888.724	2.00
-3.650	888.636	-2.00	-3.200	888.645	-2.00	7+0.000			889.149	889.026	0.123	3.500	888.779	2.00	3.650	888.782	2.00
-3.650	888.637	-2.00	-3.200	888.646	-2.00	7+0.074	PT		889.150	889.027	0.123	3.500	888.780	2.00	3.650	888.783	2.00
-3.650	888.720	-2.00	-3.200	888.729	-2.00	7+10.000			889.233	889.101	0.132	3.500	888.863	2.00	3.650	888.866	2.00
-3.650	888.818	-2.00	-3.200	888.827	-2.00	8+0.000			889.331	889.176	0.155	3.500	888.961	2.00	3.650	888.964	2.00
-3.650	888.930	-2.00	-3.200	888.939	-2.00	8+10.000			889.443	889.251	0.192	3.500	889.073	2.00	3.650	889.076	2.00
-3.650	889.056	-2.00	-3.200	889.065	-2.00	9+0.000			889.569	889.430	0.139	3.500	889.199	2.00	3.650	889.202	2.00
-3.650	889.197	-2.00	-3.200	889.206	-2.00	9+10.000			889.710	889.639	0.071	3.500	889.340	2.00	3.650	889.343	2.00
-3.650	889.352	-2.00	-3.200	889.361	-2.00	10+0.000			889.865	889.848	0.016	3.500	889.495	2.00	3.650	889.498	2.00
-3.650	889.521	-2.00	-3.200	889.530	-2.00	10+10.000			890.034	889.978	0.056	3.500	889.664	2.00	3.650	889.667	2.00
-3.650	889.704	-2.00	-3.200	889.713	-2.00	11+0.000			890.217	890.017	0.200	3.500	889.847	2.00	3.650	889.850	2.00
-3.650	889.902	-2.00	-3.200	889.911	-2.00	11+10.000		PTV	890.415	890.249	0.166	3.500	890.045	2.00	3.650	890.048	2.00
-3.650	890.112	-2.00	-3.200	890.121	-2.00	12+0.000			890.625	890.521	0.104	3.500	890.255	2.00	3.650	890.258	2.00
-3.650	890.324	-2.00	-3.200	890.333	-2.00	12+10.000			890.837	890.776	0.061	3.500	890.467	2.00	3.650	890.470	2.00
-3.650	890.535	-2.00	-3.200	890.544	-2.00	13+0.000			891.048	890.872	0.176	3.500	890.678	2.00	3.650	890.681	2.00
-3.650	890.747	-2.00	-3.200	890.756	-2.00	13+10.000			891.260	891.051	0.209	3.500	890.890	2.00	3.650	890.893	2.00
-3.650	890.959	-2.00	-3.200	890.968	-2.00	14+0.000			891.472	891.259	0.213	3.500	891.102	2.00	3.650	891.105	2.00
-3.650	891.171	-2.00	-3.200	891.180	-2.00	14+10.000			891.684	891.455	0.229	3.500	891.314	2.00	3.650	891.317	2.00
-3.650	891.382	-2.00	-3.200	891.391	-2.00	15+0.000			891.895	891.617	0.279	3.500	891.525	2.00	3.650	891.528	2.00
-3.650	891.594	-2.00	-3.200	891.603	-2.00	15+10.000			892.107	891.754	0.353	3.500	891.737	2.00	3.650	891.740	2.00
-3.650	891.806	-2.00	-3.200	891.815	-2.00	16+0.000		PCV	892.319	892.108	0.211	3.500	891.949	2.00	3.650	891.952	2.00
-3.650	892.020	-2.00	-3.200	892.029	-2.00	16+10.000			892.533	892.326	0.207	3.500	892.163	2.00	3.650	892.166	2.00
-3.650	892.137	-2.00	-3.200	892.146	-2.00	16+15.244	PC		892.650	892.441	0.210	3.500	892.280	2.00	3.650	892.283	2.00
-3.650	892.139	-2.00	-3.200	892.148	-2.00	16+15.312			892.652	892.442	0.210	3.500	892.282	2.00	3.650	892.285	2.00
-3.650	892.141	-2.00	-3.200	892.150	-2.00	16+15.380	PT		892.654	892.444	0.210	3.500	892.284	2.00	3.650	892.287	2.00

-3.650	892.247	-2.00	-3.200	892.256	-2.00	17+0.000			892.760	892.545	0.215	3.500	892.390	2.00	3.650	892.393	2.00
-3.650	892.488	-2.00	-3.200	892.497	-2.00	17+10.000			893.001	892.958	0.043	3.500	892.631	2.00	3.650	892.634	2.00
-3.650	892.743	-2.00	-3.200	892.752	-2.00	18+0.000			893.256	893.149	0.107	3.500	892.886	2.00	3.650	892.889	2.00
-3.650	893.012	-2.00	-3.200	893.021	-2.00	18+10.000			893.525	893.470	0.055	3.500	893.155	2.00	3.650	893.158	2.00
-3.650	893.295	-2.00	-3.200	893.304	-2.00	19+0.000			893.808	893.758	0.050	3.500	893.438	2.00	3.650	893.441	2.00
-3.650	893.592	-2.00	-3.200	893.601	-2.00	19+10.000			894.105	894.049	0.056	3.500	893.735	2.00	3.650	893.738	2.00
-3.650	893.854	-2.00	-3.200	893.863	-2.00	19+18.459	PC		894.367	894.307	0.059	3.500	893.997	2.00	3.650	894.000	2.00
-3.650	893.855	-2.00	-3.200	893.864	-2.00	19+18.511			894.368	894.309	0.059	3.500	893.998	2.00	3.650	894.001	2.00
-3.650	893.857	-2.00	-3.200	893.866	-2.00	19+18.564	PT		894.370	894.310	0.060	3.500	894.000	2.00	3.650	894.003	2.00
-3.650	893.902	-2.00	-3.200	893.911	-2.00	20+0.000			894.415	894.354	0.061	3.500	894.045	2.00	3.650	894.048	2.00
-3.650	894.227	-2.00	-3.200	894.236	-2.00	20+10.000			894.740	894.821	-0.081	3.500	894.370	2.00	3.650	894.373	2.00
-3.650	894.566	-2.00	-3.200	894.575	-2.00	21+0.000			895.079	895.086	-0.007	3.500	894.709	2.00	3.650	894.712	2.00
-3.650	894.918	-2.00	-3.200	894.927	-2.00	21+10.000			895.431	895.449	-0.018	3.500	895.061	2.00	3.650	895.064	2.00
-3.650	895.285	-2.00	-3.200	895.294	-2.00	22+0.000			895.798	895.788	0.010	3.500	895.428	2.00	3.650	895.431	2.00
-3.650	895.665	-2.00	-3.200	895.674	-2.00	22+10.000			896.178	896.145	0.033	3.500	895.808	2.00	3.650	895.811	2.00
-3.650	896.059	-2.00	-3.200	896.068	-2.00	23+0.000			896.572	896.536	0.037	3.500	896.202	2.00	3.650	896.205	2.00
-3.650	896.468	-2.00	-3.200	896.477	-2.00	23+10.000		PTV	896.981	896.918	0.062	3.500	896.611	2.00	3.650	896.614	2.00
-3.650	896.890	-2.00	-3.200	896.899	-2.00	24+0.000		PTV	897.403	897.290	0.113	3.500	897.033	2.00	3.650	897.036	2.00
-3.650	897.350	-2.00	-3.200	897.359	-2.00	24+10.000			897.863	897.726	0.137	3.500	897.493	2.00	3.650	897.496	2.00
-3.650	897.804	-2.00	-3.200	897.813	-2.00	24+19.051			898.317	898.316	0.001	3.500	897.947	2.00	3.650	897.950	2.00