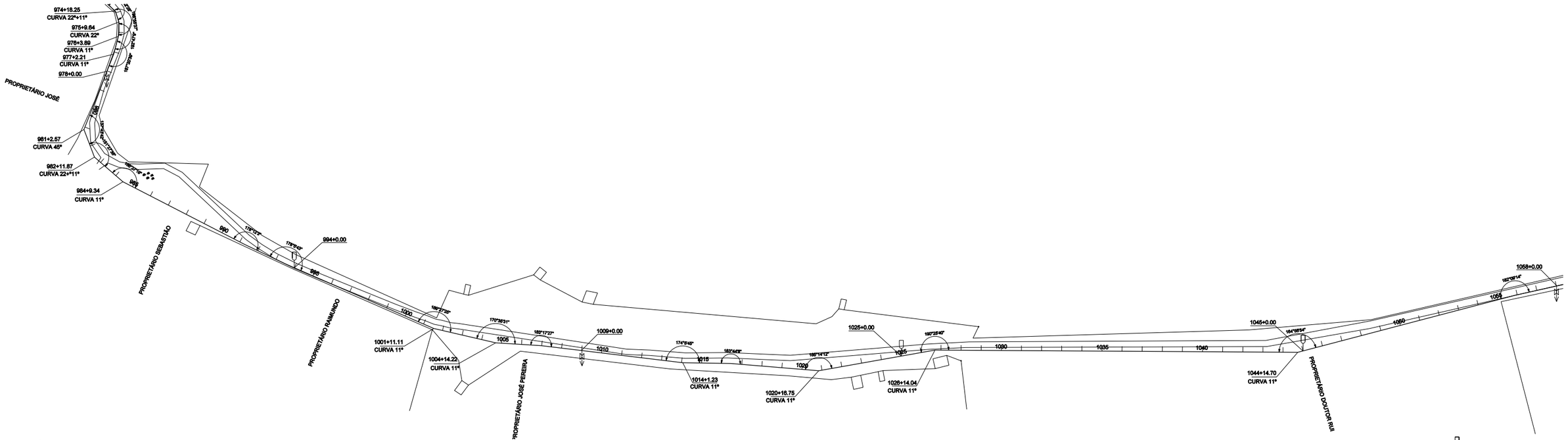

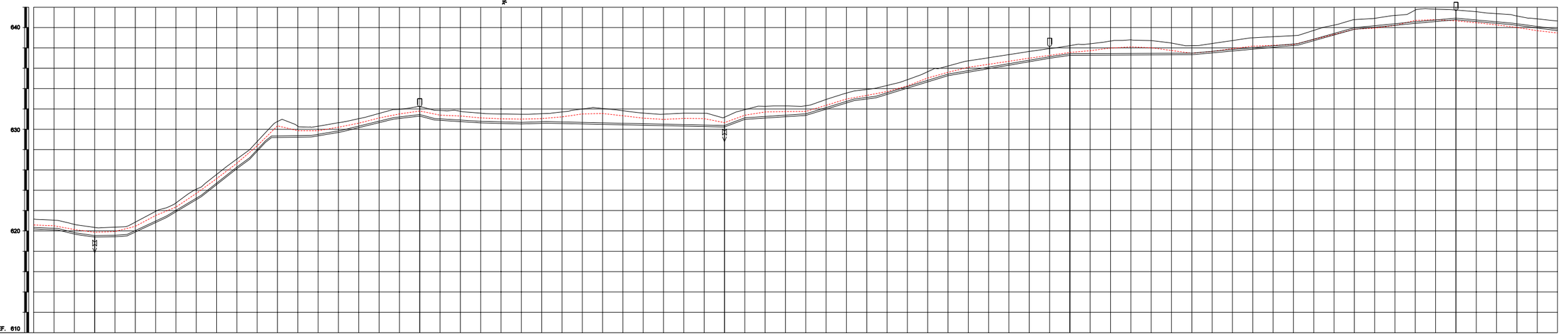

ESTACA	975	978	980	985	990	994	995	1000	1005	1009	1010	1015	1020	1025	1030	1035	1040	1045	1050
COTA T.N. (m)	621,184	621,066	620,647	619,998	620,378	620,864	621,608	622,780	624,109	625,689	627,074	628,794	630,780	630,393	630,398	630,844	631,029	631,054	631,478
GERATRIZ INFERIOR	620,206	620,109	619,698	619,398	619,428	619,891	620,653	621,878	623,098	624,648	626,124	627,844	629,785	629,922	629,958	629,868	630,550	630,648	631,068
DIST. PARCIAL / DIST. ACUMULADA (m)	0,00	18,25	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	18954,48	18972,73	18974,48	18978,48	18982,48	18986,48	18988,48	18990,48	18992,48	18994,48	18996,48	18998,48	19000,48	19002,48	19004,48	19006,48	19008,48	19010,48	19012,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	1055	1060	1065	1070	1075	1080	1085	1090	1095	1100	1105	1110	1115	1120	1125	1130	1135	1140	1145
COTA T.N. (m)	631,479	631,883	632,295	631,843	631,787	631,864	631,901	631,873	631,478	631,608	631,700	631,993	632,022	632,039	631,893	631,678	631,583	631,672	631,190
GERATRIZ INFERIOR	631,068	631,488	631,898	631,478	631,398	631,468	631,508	631,478	631,068	631,208	631,308	631,608	631,638	631,650	631,508	631,308	631,208	631,308	630,830
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	19014,48	19016,48	19018,48	19020,48	19022,48	19024,48	19026,48	19028,48	19030,48	19032,48	19034,48	19036,48	19038,48	19040,48	19042,48	19044,48	19046,48	19048,48	19050,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	1150	1155	1160	1165	1170	1175	1180	1185	1190	1195	1200	1205	1210	1215	1220	1225	1230	1235	1240
COTA T.N. (m)	630,830	630,470	630,110	629,750	629,390	629,030	628,670	628,310	627,950	627,590	627,230	626,870	626,510	626,150	625,790	625,430	625,070	624,710	624,350
GERATRIZ INFERIOR	630,230	629,870	629,510	629,150	628,790	628,430	628,070	627,710	627,350	626,990	626,630	626,270	625,910	625,550	625,190	624,830	624,470	624,110	623,750
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	19070,48	19072,48	19074,48	19076,48	19078,48	19080,48	19082,48	19084,48	19086,48	19088,48	19090,48	19092,48	19094,48	19096,48	19098,48	19100,48	19102,48	19104,48	19106,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	1245	1250	1255	1260	1265	1270	1275	1280	1285	1290	1295	1300	1305	1310	1315	1320	1325	1330	1335
COTA T.N. (m)	623,990	623,630	623,270	622,910	622,550	622,190	621,830	621,470	621,110	620,750	620,390	620,030	619,670	619,310	618,950	618,590	618,230	617,870	617,510
GERATRIZ INFERIOR	623,390	623,030	622,670	622,310	621,950	621,590	621,230	620,870	620,510	620,150	619,790	619,430	619,070	618,710	618,350	617,990	617,630	617,270	616,910
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	19126,48	19128,48	19130,48	19132,48	19134,48	19136,48	19138,48	19140,48	19142,48	19144,48	19146,48	19148,48	19150,48	19152,48	19154,48	19156,48	19158,48	19160,48	19162,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	1340	1345	1350	1355	1360	1365	1370	1375	1380	1385	1390	1395	1400	1405	1410	1415	1420	1425	1430
COTA T.N. (m)	617,150	616,790	616,430	616,070	615,710	615,350	614,990	614,630	614,270	613,910	613,550	613,190	612,830	612,470	612,110	611,750	611,390	611,030	610,670
GERATRIZ INFERIOR	616,550	616,190	615,830	615,470	615,110	614,750	614,390	614,030	613,670	613,310	612,950	612,590	612,230	611,870	611,510	611,150	610,790	610,430	610,070
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	19182,48	19184,48	19186,48	19188,48	19190,48	19192,48	19194,48	19196,48	19198,48	19200,48	19202,48	19204,48	19206,48	19208,48	19210,48	19212,48	19214,48	19216,48	19218,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	1435	1440	1445	1450	1455	1460	1465	1470	1475	1480	1485	1490	1495	1500	1505	1510	1515	1520	1525
COTA T.N. (m)	610,310	609,950	609,590	609,230	608,870	608,510	608,150	607,790	607,430	607,070	606,710	606,350	605,990	605,630	605,270	604,910	604,550	604,190	603,830
GERATRIZ INFERIOR	609,710	609,350	608,990	608,630	608,270	607,910	607,550	607,190	606,830	606,470	606,110	605,750	605,390	605,030	604,670	604,310	603,950	603,590	603,230
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	19238,48	19240,48	19242,48	19244,48	19246,48	19248,48	19250,48	19252,48	19254,48	19256,48	19258,48	19260,48	19262,48	19264,48	19266,48	19268,48	19270,48	19272,48	19274,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	1530	1535	1540	1545	1550	1555	1560	1565	1570	1575	1580	1585	1590	1595	1600	1605	1610	1615	1620
COTA T.N. (m)	603,470	603,110	602,750	602,390	602,030	601,670	601,310	600,950	600,590	600,230	599,870	599,510	599,150	598,790	598,430	598,070	597,710	597,350	596,990
GERATRIZ INFERIOR	602,870	602,510	602,150	601,790	601,430	601,070	600,710	600,350	599,990	599,630	599,270	598,910	598,550	598,190	597,830	597,470	597,110	596,750	596,390
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	19294,48	19296,48	19298,48	19300,48	19302,48	19304,48	19306,48	19308,48	19310,48	19312,48	19314,48	19316,48	19318,48	19320,48	19322,48	19324,48	19326,48	19328,48	19330,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	1625	1630	1635	1640	1645	1650	1655	1660	1665	1670	1675	1680	1685	1690	1695	1700	1705	1710	1715
COTA T.N. (m)	596,630	596,270	595,910	595,550	595,190	594,830	594,470	594,110	593,750	593,390	593,030	592,670	592,310	591,950	591,590	591,230	590,870	590,510	590,150
GERATRIZ INFERIOR	596,030	595,670	595,310	594,950	594,590	594,230	593,870	593,510	593,150	592,790	592,430	592,070	591,710	591,350	590,990	590,630	590,270	589,910	589,550
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	19346,48	19348,48	19350,48	19352,48	19354,48	19356,48	19358,48	19360,48	19362,48	19364,48	19366,48	19368,48	19370,48	19372,48	19374,48	19376,48	19378,48	19380,48	19382,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	1720	1725	1730	1735	1740	1745	1750	1755	1760	1765	1770	1775	1780	1785	1790	1795	1800	1805	1810
COTA T.N. (m)	589,790	589,430	589,070	588,710	588,350	587,990	587,630	587,270	586,910	586,550	586,190	585,830	585,470	585,110	584,750	584,390	584,030	583,670	583,310
GERATRIZ INFERIOR	589,190	588,830	588,470	588,110	587,750	587,390	587,030	586,670	586,310	585,950	585,590	585,230	584,870	584,510	584,150	583,790	583,430	583,070	582,710
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	19398,48	19400,48	19402,48	19404,48	19406,48	19408,48	19410,48	19412,48	19414,48	19416,48	19418,48	19420,48	19422,48	19424,48	19426,48	19428,48	19430,48	19432,48	19434,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	1815	1820	1825	1830	1835	1840	1845	1850	1855	1860	1865	1870	1875	1880	1885	1890	1895	1900	1905
COTA T.N. (m)	582,950	582,590	582,230	581,870	581,510	581,150	580,790	580,430	580,070	579,710	579,350	578,990	578,630	578,270	577,910	577,550	577,190	576,830	576,470
GERATRIZ INFERIOR	582,350	581,990	581,630	581,270	580,910	580,550	580,190	579,830	579,470	579,110	578,750	578,390	578,030	577,670	577,310	576,950	576,590	576,230	575,870
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	19450,48	19452,48	19454,48	19456,48	19458,48	19460,48	19462,48	19464,48	19466,48	19468,48	19470,48	19472,48	19474,48	19476,48	19478,48	19480,48	19482,48	19484,48	19486,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000
COTA T.N. (m)	576,110	575,750	575,390	575,030	574,670	574,310	573,950	573,590	573,230	572,870	572,510	572,150	571,790	571,430	571,070	570,710	570,350	569,990	569,630
GERATRIZ INFERIOR	575,510	575,150	574,790	574,430	574,070	573,710	573,350	572,990	572,630	572,270	571,910	571,550	571,190	570,830	570,470	570,110	569,750	569,390	569,030
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	19502,48	19504,48	19506,48	19508,48	19510,48	19512,48	19514,48	19516,48	19518,48	19520,48	19522,48	19524,48	19526,48	19528,48	19530,48	19532,48	19534,48	19536,48	19538,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	2005	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060	2065	2070	2075	2080	2085	2090	2095
COTA T.N. (m)	569,270	568,910	568,550	568,190	567,830	567,470	567,110	566,750	566,390	566,030	565,670	565,310	564,950	564,590	564,230	563,870	563,510	563,150	562,790
GERATRIZ INFERIOR	568,670	568,310	567,950	567,590	567,230	566,870	566,510	566,150	565,790	565,430	565,070	564,710	564,350	563,990	563,630	563,270	562,910	562,550	562,190
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	19554,48	19556,48	19558,48	19560,48	19562,48	19564,48	19566,48	19568,48	19570,48	19572,48	19574,48	19576,48	19578,48	19580,48	19582,48	19584,48	19586,48	19588,48	19590,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	2100	2105	2110	2115	2120	2125	2130	2135	2140	2145	2150	2155	2160	2165	2170	2175	2180	2185	2190
COTA T.N. (m)	562,430	562,070	561,710	561,350	560,990	560,630	560,270	559,910	559,550	559,190	558,830	558,470	558,110	557,750	557,390	557,030	556,670	556,310	555,950
GERATRIZ INFERIOR	561,830	561,470	561,110	560,750	560,390	560,030	559,670	559,310	558,950	558,590	558,230	557,870	557,510	557,150	556,790	556,430	556,070	555,710	555,350
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	19610,48	19612,48	19614,48	19616,48	19618,48	19620,48	19622,48	19624,48	19626,48	19628,48	19630,48	19632,48	19634,48	19636,48	19638,48	19640,48	19642,48	19644,48	19646,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	2205	2210	2215	2220	2225	2230	2235	2240	2245	2250	2255	2260	2265	2270	2275	2280	2285	2290	2295
COTA T.N. (m)	555,590	555,230	554,870	554,510	554,150	553,790	553,430	553,070	552,710	552,350	551,990	551,630	551,270	550,910	550,550	550,190	549,830	549,470	549,110
GERATRIZ INFERIOR	554,990	554,630	554,270	553,910	553,550	553,190	552,830	552,470	552,110	551,750	551,390	551,030	550,670	550,310	549,950	549,590	549,230	548,870	548,510
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	19666,48	19668,48	19670,48	19672,48	19674,48	19676,48	19678,48	19680,48	19682,48	19684,48	19686,48	19688,48	19690,48	19692,48	19694,48	19696,48	19698,48	19700,48	19702,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	2300	2305	2310	2315	2320	2325	2330	2335	2340	2345	2350	2355	2360	2365	2370	2375	2380	2385	2390
COTA T.N. (m)	548,750	548,390	548,030	547,670	547,310	546,950	546,590	546,230	545,870	545,510	545,150	544,790	544,430	544,070	543,710	543,350	542,990	542,630	542,270
GERATRIZ INFERIOR	548,150	547,790	547,430	547,070	546,710	546,350	545,990	545,630	545,270	544,910	544,550	544,190	543,830	543,470	543,110	542,750	542,390	542,030	541,670
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	19722,48	19724,48	19726,48	19728,48	19730,48	19732,48	19734,48	19736,48	19738,48	19740,48	19742,48	19744,48	19746,48	19748,48	19750,48	19752,48	19754,48	19756,48	19758,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	2395	2400	2405	2410	2415	2420	2425	2430	2435	2440	2445	2450	2455	2460	2465	2470	2475	2480	2485
COTA T.N. (m)	541,910	541,550	541,190	540,830	540,470	540,110	539,750	539,390	539,030	538,670	538,310	537,950	537,590	537,230	536,870	536,510	536,150	535,790	535,430
GERATRIZ INFERIOR	541,310	540,950	540,590	540,230	539,870	539,510	539,150	538,790	538,430	538,070	537,710	537,350	536,990	536,630	536,270	535,910	535,550	535,190	534,830
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	19774,48	19776,48	19778,48	19780,48	19782,48	19784,48	19786,48	19788,48	19790,48	19792,48	19794,48	19796,48	19798,48	19800,48	19802,48	19804,48	19806,48	19808,48	19810,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	2490	2495	2500	2505	2510	2515	2520	2525	2530	2535	2540	2545	2550	2555	2560	2565	2570	2575	2580
COTA T.N. (m)	535,070	534,710	534,350	533,990	533,630	533,270	532,910	532,550	532,190	531,830	531,470	531,110	530,750	530,390	530,030	529,670	529,310	528,950	528,590
GERATRIZ INFERIOR	534,470	534,110	533,750	533,390	533,030	532,670	532,310	531,950	531,590	531,230	530,870	530,510	530,150	529,790	529,430	529,070	528,710	528,350	527,990
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	19826,48	19828,48	19830,48	19832,48	19834,48	19836,48	19838,48	19840,48	19842,48	19844,48	19846,48	19848,48	19850,48	19852,48	19854,48	19856,48	19858,48	19860,48	19862,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	2585	2590	2595	2600	2605	2610	2615	2620	2625	2630	2635	2640	2645	2650	2655	2660	2665	2670	2675
COTA T.N. (m)	528,230	527,870	527,510	527,150	526,790	526,430	526,070	525,710	525,350	524,990	524,630	524,270	523,910	523,550	523,190	522,830	522,470	522,110	521,750
GERATRIZ INFERIOR	527,630	527,270	526,910	526,550	526,190	525,830	525,470	525,110	524,750	524,390	524,030	523,670	523,310	522,950	522,590	522,230	521,870	521,510	521,150
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	19878,48	19880,48	19882,48	19884,48	19886,48	19888,48	19890,48	19892,48	19894,48	19896,48	19898,48	19900,48	19902,48	19904,48	19906,48	19908,48	19910,48	19912,48	19914,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	2680	2685	2690	2695	2700	2705	2710	2715	2720	2725	2730	2735	2740	2745	2750	2755	2760	2765	2770
COTA T.N. (m)	521,390	521,030	520,670	520,310	519,950	519,590	519,230	518,870	518,510	518,150	517,790	517,430	517,070	516,710	516,350	515,990	515,630	515,270	514,910
GERATRIZ INFERIOR	520,790	520,430	520,070	519,710	519,350	518,990	518,630	518,270	517,910	517,550	517,190	516,830	516,470	516,110	515,750	515,390	515,030	514,670	514,310
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	19930,48	19932,48	19934,48	19936,48	19938,48	19940,48	19942,48	19944,48	19946,48	19948,48	19950,48	19952,48	19954,48	19956,48	19958,48	19960,48	19962,48	19964,48	19966,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	2775	2780	2785	2790	2795	2800	2805	2810	2815	2820	2825	2830	2835	2840	2845	2850	2855	2860	2865
COTA T.N. (m)	514,550	514,190	513,830	513,470	513,110	512,750	512,390	512,030	511,670	511,310	510,950	510,590	510,230	509,870	509,510	509,150	508,790	508,430	508,070
GERATRIZ INFERIOR	513,950	513,590	513,230	512,870	512,510	512,150	511,790	511,430	511,070	510,710	510,350	509,990	509,630	509,270	508,910	508,550	508,190	507,830	507,470
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	19970,48	19972,48	19974,48	19976,48	19978,48	19980,48	19982,48	19984,48	19986,48	19988,48	19990,48	19992,48	19994,48	19996,48	19998,48	20000,48	20002,48	20004,48	20006,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

ESTACA	2870	2875	2880	2885	2890	2895	2900	2905	2910	2915	2920	2925	2930	2935	2940	2945	2950	2955	2960
COTA T.N. (m)	507,710	507,350	506,990	506,630	506,270	505,910	505,550	505,190	504,830	504,470	504,110	503,750	503,390	503,030	502,670	502,310	501,950	501,590	501,230
GERATRIZ INFERIOR	507,110	506,750	506,390	506,030	505,670	505,310	504,950	504,590	504,230	503,870	503,510	503,150	502,790	502,430	502,070	501,710	501,350	500,990	500,630
DIST. PARCIAL / DIST. ACUMULADA (m)	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00	20,00
	20018,48	20020,48	20022,48	20024,48	20026,48	20028,48	20030,48	20032,48	20034,48	20036,48	20038,48	20040,48	20042,48	20044,48	20046,48	20048,48	20050,48	20052,48	20054,48
DIAMETRO/MATERIAL	DN 150 - PVC DEFºFº 1MPa																		

| ESTACA | 3045 | 3050 | 3055 | 3060 | 3065 | 3070 | 3075 | 3080 | 3085 | 3090 | 3095 | 3100 | 3105 |