

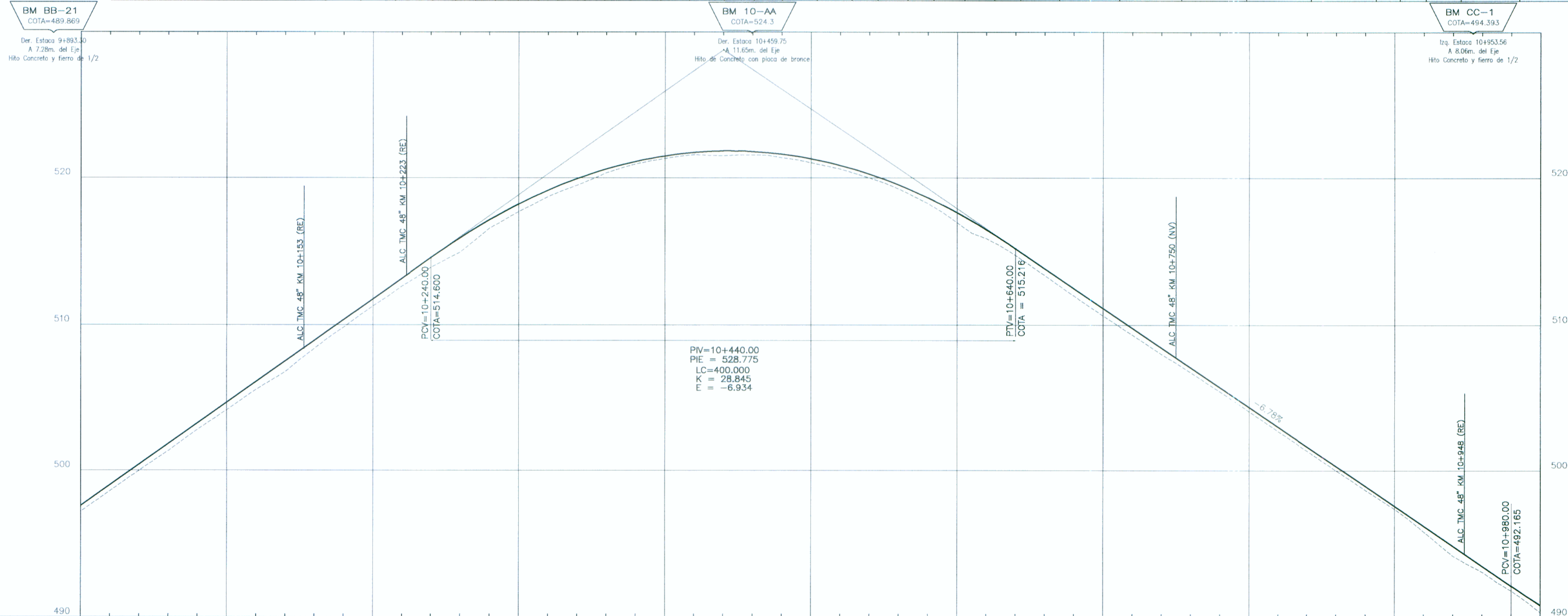
LEYENDA

PLANTA	TE	PUNTO DE INICIO DE LA ESPIRAL
	EC/PC	PUNTO DE INICIO DE LA CURVA (FIN DE LA ESPIRAL)
	CE/PT	PUNTO DE FIN DE LA CURVA (INICIO DE LA ESPIRAL)
	ET	PUNTO DE FIN DE LA ESPIRAL
	PI	PUNTO DE INFLEXION HORIZONTAL
NORTE/ESTE		COORDENADAS DEL PI
	α	ANGULO DE DEFLEXION
	A	PARAMETRO DE LA CLOTOIDE
	AZ	AZIMUT
	Le	LONGITUD DE LA CLOTOIDE (m)
	TL	TANGENTE LARGA
	TC	TANGENTE CORTA
	Xc/Yc	COORDENADAS DE EC/CE RELATIVAS A TE/ET
	R	RADIO DE LA CURVA CIRCULAR
	Lc	LONGITUD DE CURVA CIRCULAR (m)
	T	LONGITUD DE LA TANGENTE (PC a PI y PI a PT)
	De	ANGULO CENTRAL DE LA CLOTOIDE
	Dc	ANGULO CENTRAL DE LA CURVA CIRCULAR
	EXT	DISTANCIA TOTAL EXTERNA
	Dp	DESPLAZAMIENTO DEL PC Y PT EN RELACION AL TE O ET
	SA	SOBRERANCHO
	P/↑	PERALTE (%)
		EJE DEL PROYECTO
		BORDE DE VIA
		DERECHO DE VIA
		PUNTE
		VIVIENDAS
		ALCANTARILLA EXISTENTE (EX)
		ALCANTARILLA REEMPLAZAR (RE)
		ALCANTARILLA NUEVA (NV)

PLANTA 1:2000

CUADRO DE ELEMENTOS DE CURVAS Y COORDENADAS

C. N°	CX	DEFLEXION	S	RADIO	Le in	Le out	A in	A out	De in	De out	Δc	TL	TC	T	EXT	PC / TE	EC	PI	CE	PT / ET	% P	S/A	DIST	NORTE	ESTE
31	84° 19' 36"	D	54	40	46.48	21° 13' 14"	41'	53' 08"	26.86	13.51	69.92	26.86	13.51	69.92	39.48	10+145.608	10+185.608	10+215.531	10+225.085	10+265.085	8.0	2.30	154.45	9418367.321	741866.721
32	77° 05' 02"	I	48	40	43.82	23° 52' 24"	29'	20' 15"	26.91	13.56	59.22	24.58	1.38	39.31	5.49	10+290.386	10+330.386	10+349.633	10+354.963	10+394.963	8.0	2.60	109.17	9418511.234	741810.662
33	19° 56' 05"	I	170	40	82.46	6' 44' 26"	6'	27' 12"	26.69	13.35	49.94	19.15	0.39	39.94	1.57	10+394.977	10+434.977	10+444.911	10+454.124	10+494.124	5.0	0.90	163.89	9418495.349	741702.653
34	57° 00' 37"	D	100	40	63.25	11° 27' 33"	34'	05' 31"	26.72	13.38	74.64	19.50	0.67	39.84	2.66	10+533.440	10+573.440	10+608.087	10+632.942	10+672.942	6.5	1.30	170.87	9418417.646	741558.350
35	15° 31' 45"	I	200	40	89.44	5' 43' 46"	4'	04' 12"	26.68	13.35	47.31	14.21	0.33	39.95	1.33	10+721.860	10+761.860	10+769.153	10+776.056	10+816.056	5.0	0.80	194.78	9418499.725	741408.486
36	59° 21' 48"	D	100	40	63.25	11° 27' 33"	36'	26' 42"	26.72	13.38	77.35	19.50	0.67	39.84	2.66	10+866.188	10+926.188	10+963.537	10+989.796	11+029.796	6.5	1.30	180.57	9418544.137	741218.836



PERFIL

PERFIL	%	PENDIENTE
	E	EXTERNA DE LA CURVA VERTICAL
	K	PARAMETRO DE LA CURVATURA VERTICAL
	L.C.	LONGITUD DE LA CURVA VERTICAL EN PLANO HORIZONTAL (m)
	PCV	PUNTO DE CURVA VERTICAL
	PIV	PUNTO DE INFLEXION VERTICAL
	PTV	PUNTO DE TANGENCIA VERTICAL
		RASANTE
		TERRENO NATURAL

- NOTAS:**
- 1 - MEDIDAS EN METROS.
 - 2 - PROGRESIVA EN KM.
 - 3 - VER INFORME DE ALINEAMIENTO HORIZONTAL Y ALINEAMIENTO VERTICAL POR LA MEMORIA DE CALCULOS COMPLETOS.
 - 4 - SUBRASANTE 0.388m ABAJO DE LA RASANTE.
 - 5 - COORDENADAS TOPOGRAFICAS (WGS84).
 - 6 - ADEMAS DE LAS INFORMACIONES CONTENIDAS EN ESTE CONJUNTO DE PLANOS, SE DEBE OBSERVAR LO INDICADO EN LOS CORRESPONDIENTES INFORMES Y ESPECIFICACIONES TECNICAS DE LA INGENIERIA DE DETALLE.

PROGRESIVA	10+000	10+100	10+200	10+300	10+400	10+500	10+600	10+700	10+800	10+900	11+000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
COTAS RASANTE	497.919	498.299	499.077	499.716	500.000	500.425	501.134	502.08	502.551	503.280	503.969	504.678	505.386	506.095	506.804	507.512	508.221	508.930	509.639	509.347	510.056	510.765	511.474	521.274	521.983	531.881	532.590	542.488	543.197	553.095	553.804	563.702	564.411	574.309	575.018	584.916	585.625	595.523	596.232	606.130	606.839	616.737	617.446	627.344	628.053	637.951	638.660	648.558	649.267	659.165	659.874	669.772	670.481	680.379	681.088	690.986	691.695	701.593	702.302	712.200	712.909	722.807	723.516	733.414	734.123	744.021	744.730	754.628	755.337	765.235	765.944	775.842	776.551	786.449	787.158	797.056	797.765	807.663	808.372	818.270	818.979	828.877	829.586	839.484	840.193	850.091	850.800	860.698	861.407	871.305	872.014	881.912	882.621	892.519	893.228	903.126	903.835	913.733	914.442	924.340	925.049	934.947	935.656	945.554	946.263	956.161	956.870	966.768	967.477	977.375	978.084	987.982	988.691	998.589	999.298	1009.196	1009.905	1019.803	1020.512	1030.410	1031.119	1041.017	1041.726	1051.624	1052.333	1062.231	1062.940	1072.838	1073.547	1083.445	1084.154	1094.052	1094.761	1104.659	1105.368	1115.266	1115.975	1125.873	1126.582	1136.480	1137.189	1147.087	1147.796	1157.694	1158.403	1168.301	1169.010	1178.908	1179.617	1189.515	1190.224	1200.122	1200.831	1210.729	1211.438	1221.336	1222.045	1231.943	1232.652	1242.550	1243.259	1253.157	1253.866	1263.764	1264.473	1274.371	1275.080	1284.978	1285.687	1295.585	1296.294	1306.192	1306.901	1316.800	1317.509	1327.407	1328.116	1338.014	1338.723	1348.621	1349.330	1359.228	1359.937	1369.835	1370.544	1380.442	1381.151	1391.049	1391.758	1401.656	1402.365	1412.263	1412.972	1422.870	1423.579	1433.477	1434.186	1444.084	1444.793	1454.691	1455.400	1465.298	1466.007	1475.905	1476.614	1486.512	1487.221	1497.119	1497.828	1507.726	1508.435	1518.333	1519.042	1528.940	1529.649	1539.547	1540.256	1550.154	1550.863	1560.761	1561.470	1571.368	1572.077	1581.975	1582.684	1592.582	1593.291	1603.189	1603.898	1613.796	1614.505	1624.403	1625.112	1635.010	1635.719	1645.617	1646.326	1656.224	1656.933	1666.831	1667.540	1677.438	1678.147	1688.045	1688.754	1698.652	1699.361	1709.259	1709.968	1719.866	1720.575	1730.473	1731.182	1741.080	1741.789	1751.687	1752.396	1762.294	1763.003	1772.901	1773.610	1783.508	1784.217	1794.115	1794.824	1804.722	1805.431	1815.329	1816.038	1825.936	1826.645	1836.543	1837.252	1847.150	1847.859	1857.757	1858.466	1868.364	1869.073	1878.971	1879.680	1889.578	1890.287	1899.185	1899.894	1909.792	1910.501	1920.400	1921.109	1931.007	1931.716	1941.614	1942.323	1952.221	1952.930	1962.828	1963.537	1973.435	1974.144	1984.042	1984.751	1994.649	1995.358	2005.256	2005.965	2015.863	2016.572	2026.470	2027.179	2037.077	2037.786	2047.684	2048.393	2058.291	2059.000	2068.898	2069.607	2079.505	2080.214	2090.112	2090.821	2100.719	2101.428	2111.326	2112.035	2121.933	2122.642	2132.540	2133.249	2143.147	2143.856	2153.754	2154.463	2164.361	2165.070	2174.968	2175.677	2185.575	2186.284	2196.182	2196.891	2206.789	2207.498	2217.396	2218.105	2228.003	2228.712	2238.610	2239.319	2249.217	2249.926	2259.824	2260.533	2270.431	2271.140	2281.038	2281.747	2291.645	2292.354	2302.252	2302.961	2312.859	2313.568	2323.466	2324.175	2334.073	2334.782	2344.680	2345.389	2355.287	2356.000	2365.898	2366.607	2376.505	2377.214	2387.112	2387.821	2397.719	2398.428	2408.326	2409.035	2418.933	2419.642	2429.540	2430.249	2440.147	2440.856	2450.754	2451.463	2461.361	2462.070	2471.968	2472.677	2482.575	2483.284	2493.182	2493.891	2503.790	2504.499	2514.397	2515.106	2525.004	2525.713	2535.611	2536.320	2546.218	2546.927	2556.825	2557.534	2567.432	2568.141	2578.039	2578.748	2588.646	2589.355	2599.253	2599.962	2609.860	2610.569	2620.467	2621.176	2631.074	2631.783	2641.681	2642.390	2652.288	2653.000	2662.898	2663.607	2673.505	2674.214	2684.112	2684.821	2694.719	2695.428	2705.326	2706.035	2715.933	2716.642	2726.540	2727.249	2737.147	2737.856	2747.754	2748.463	2758.361	2759.070	2768.968	2769.677	2779.575	2780.284	2790.182	2790.891	2800.790	2801.499	2811.397	2812.106	2822.004	2822.713	2832.611	2833.320	2843.218	2843.927	2853.825	2854.534	2864.432	2865.141	2875.039	2875.748	2885.646	2886.355	2896.253	2896.962	2906.860	2907.569	2917.467	2918.176	2928.074	2928.783	2938.681	2939.390	2949.288	2949.997	2959.895	2960.604	2970.502	2971.211	2981.109	2981.818	2991.716	2992.425	3002.323	3003.032	3012.930	3013.639	3023.537	3024.246	3034.144	3034.853	3044.751	3045.460	3055.358	3056.067	3065.965	3066.674	3076.572	3077.281	3087.179	3087.888	3097.786	3098.495	3108.393	3109.102	3118.999	3119.708	3129.606	3130.315	3140.213	3140.922	3150.820	3151.529	3161.427	3162.136	3172.034	3172.743	3182.641	3183.350	3193.248	3193.957	3203.855	3204.564	3214.462	3215.171	3225.069	3225.778	3235.676	3236.385	3246.283	3246.992	3256.890	3257.599	3267.497	3268.206	3278.104	3278.813	3288.711	3289.420	3299.318	3299.999	3309.897	3310.596	3320.494	3321.193	3331.091	3331.790	3341.688	3342.387	3352.285	3352.984	3362.882	3363.581	3373.479	3374.178	3384.076	3384.775	3394.673	3395.372	3405.270	3405.969	3415.867	3416.566	3426.464	3427.163	3437.061	3437.760	3447.658	3448.357	3458.255	3458.954	3468.852	3469.551	3479.449	3480.148	3490.046	3490.745	3500.643	3501.342	3511.