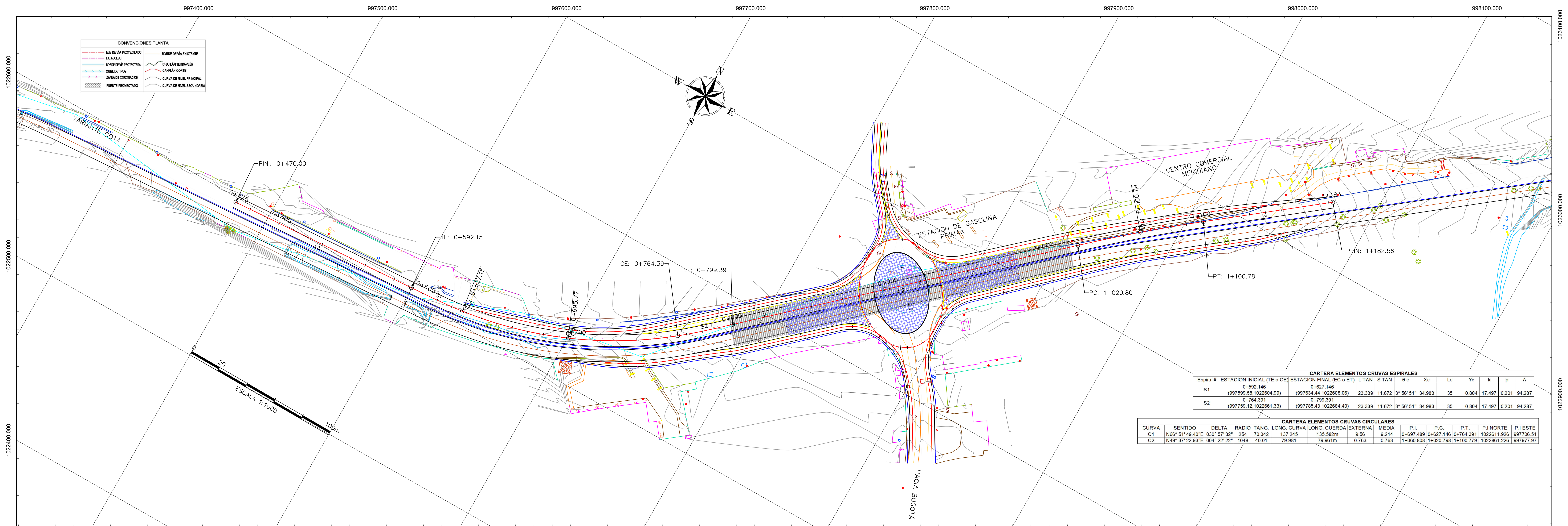
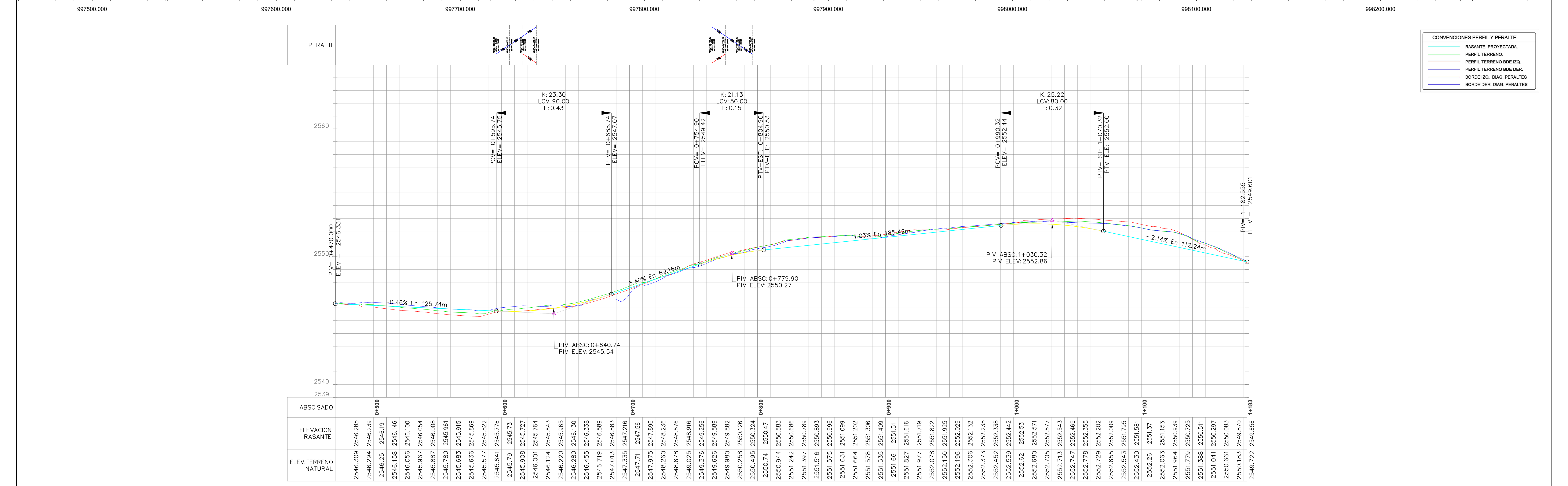




CARTERA ELEMENTOS CRUVAS ESPIRALES											
Espiral #	ESTACION INICIAL (TE o CE)	ESTACION FINAL (EC o ET)	L TAN	S TAN	θ e	Xc	Le	Yc	k	p	A
S1	0+592.146 (997599.58, 1022604.99)	0+627.146 (997634.44, 1022608.06)	23.339	11.672	3° 56' 51"	34.983	35	0.804	17.497	0.201	94.287
S2	0+764.391 (997759.12, 1022661.33)	0+799.391 (997785.43, 1022684.40)	23.339	11.672	3° 56' 51"	34.983	35	0.804	17.497	0.201	94.287

CARTERA ELEMENTOS CRUVAS CIRCULARES											
CURVA	SENTIDO	DELTA	RADIO	TANG.	LONG. CURVA	LONG. CUERDA	EXTERNA	MEDIA	P.I.	P.C.	P.T.
C1	N86° 51' 49.40" E	030° 57' 32"	254	70.342	137.245	135.582m	9.56	9.214	0+697.489	0+627.146	0+764.391
C2	N49° 37' 22.93" E	004° 22' 22"	1048	40.01	79.981	79.961m	0.763	0.763	1+060.808	1+020.788	1+100.779



ABSCISADO	0+500										0+600										0+700										0+800										0+900										1+000										1+100										1+183																																																																								
ELEVACION RASANTE	2546.309	2546.285	2546.294	2546.239	2546.25	2546.19	2546.158	2546.146	2546.056	2546.100	2545.967	2546.054	2545.897	2546.008	2545.780	2545.961	2545.683	2545.915	2545.636	2545.869	2545.577	2545.822	2545.641	2545.776	2545.79	2545.73	2545.908	2545.727	2546.001	2545.764	2546.124	2545.843	2546.220	2545.965	2546.280	2546.130	2546.455	2546.338	2546.719	2546.589	2547.013	2546.883	2547.335	2547.216	2547.71	2547.56	2547.975	2547.896	2548.260	2548.236	2548.678	2548.576	2549.025	2548.916	2549.376	2549.256	2549.626	2549.589	2549.880	2549.882	2550.258	2550.126	2550.495	2550.324	2550.74	2550.47	2550.944	2550.583	2550.944	2550.686	2551.242	2550.789	2551.397	2550.789	2551.516	2550.883	2551.575	2550.996	2551.631	2551.099	2551.664	2551.202	2551.535	2551.409	2551.66	2551.51	2551.827	2551.616	2551.977	2551.719	2552.078	2551.822	2552.150	2551.925	2552.196	2552.029	2552.306	2552.132	2552.373	2552.235	2552.452	2552.338	2552.539	2552.442	2552.62	2552.53	2552.680	2552.577	2552.705	2552.577	2552.713	2552.543	2552.747	2552.469	2552.778	2552.355	2552.729	2552.202	2552.655	2552.009	2552.543	2551.795	2552.430	2551.581	2552.26	2551.37	2552.063	2551.153	2551.964	2550.939	2551.779	2550.725	2551.388	2550.511	2551.041	2550.297	2550.661	2550.083	2550.183	2549.870	2549.722	2549.656	2549.501
ELEV. TERRENO NATURAL	2546.309	2546.285	2546.294	2546.239	2546.25	2546.19	2546.158	2546.146	2546.056	2546.100	2545.967	2546.054	2545.897	2546.008	2545.780	2545.961	2545.683	2545.915	2545.636	2545.869	2545.577	2545.822	2545.641	2545.776	2545.79	2545.73	2545.908	2545.727	2546.001	2545.764	2546.124	2545.843	2546.220	2545.965	2546.280	2546.130	2546.455	2546.338	2546.719	2546.589	2547.013	2546.883	2547.335	2547.216	2547.71	2547.56	2547.975	2547.896	2548.260	2548.236	2548.678	2548.576	2549.025	2548.916	2549.376	2549.256	2549.626	2549.589	2549.880	2549.882	2550.258	2550.126	2550.495	2550.324	2550.74	2550.47	2550.944	2550.583	2550.944	2550.686	2551.242	2550.789	2551.397	2550.789	2551.516	2550.883	2551.575	2550.996	2551.631	2551.099	2551.664	2551.202	2551.535	2551.409	2551.66	2551.51	2551.827	2551.616	2551.977	2551.719	2552.078	2551.822	2552.150	2551.925	2552.196	2552.029	2552.306	2552.132	2552.373	2552.235	2552.452	2552.338	2552.539	2552.442	2552.62	2552.53	2552.680	2552.577	2552.705	2552.577	2552.713	2552.543	2552.747	2552.469	2552.778	2552.355	2552.729	2552.202	2552.655	2552.009	2552.543	2551.795	2552.430	2551.581	2552.26	2551.37	2552.063	2551.153	2551.964	2550.939	2551.779	2550.725	2551.388	2550.511	2551.041	2550.297	2550.661	2550.083	2550.183	2549.870	2549.722	2549.656	2549.501