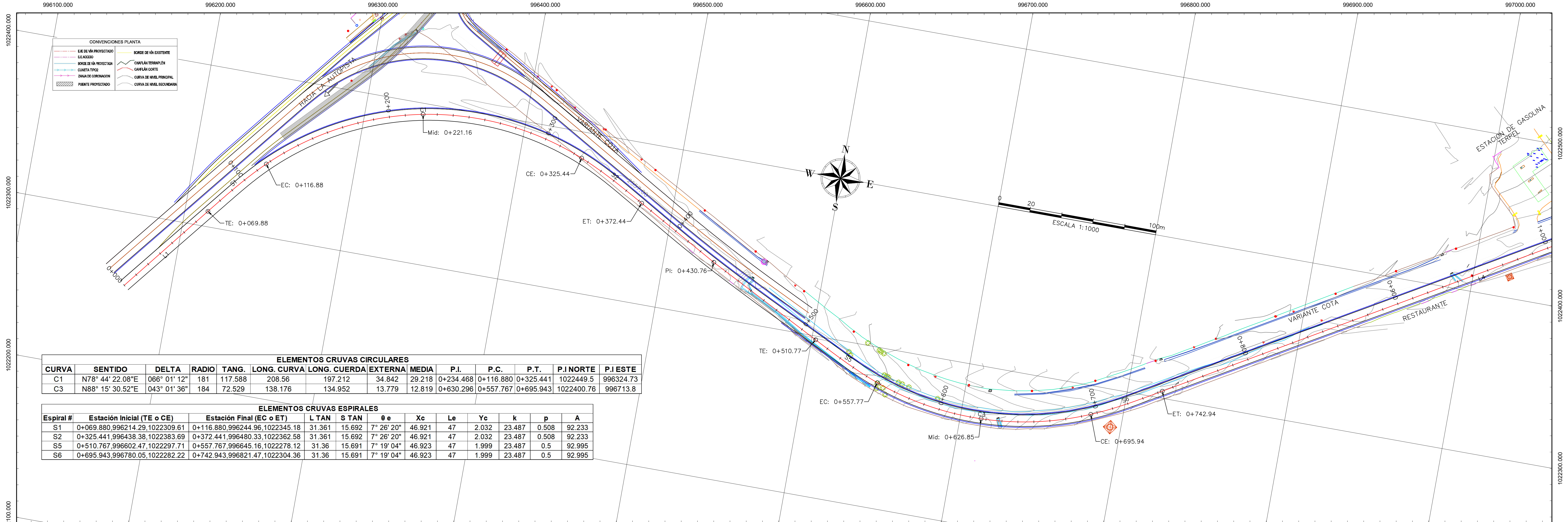




ELEMENTOS CURVAS CIRCULARES													
CURVA	SENTIDO	DELTA	RADIO	TANG.	LONG. CURVA	LONG. CUERDA	EXTERNA	MEDIA	P.I.	P.C.	P.T.	P.I NORTE	P.I ESTE
C1	N78° 44' 22.08"E	066° 01' 12"	181	117.588	208.56	197.212	34.842	29.218	0+234.468	0+116.880	0+325.441	1022449.5	996324.73
C3	N88° 15' 30.52"E	043° 01' 36"	184	72.529	138.176	134.952	13.779	12.819	0+630.296	0+557.767	0+695.943	1022400.76	996713.8

ELEMENTOS CURVAS ESPIRALES												
Espiral #	Estación Inicial (TE o CE)	Estación Final (EC o ET)	L	TAN	S TAN	θ e	Xc	Le	Yc	k	p	A
S1	0+069.880,996214.29,1022309.61	0+116.880,996244.96,1022345.18	31.361	15.692	7° 26' 20"	46.921	47	2.032	23.487	0.508	92.233	
S2	0+325.441,996438.38,1022383.69	0+372.441,996480.33,1022362.58	31.361	15.692	7° 26' 20"	46.921	47	2.032	23.487	0.508	92.233	
S5	0+510.767,996602.47,1022297.71	0+557.767,996645.16,1022278.12	31.36	15.691	7° 19' 04"	46.923	47	1.999	23.487	0.5	92.995	
S6	0+695.943,996780.05,1022282.22	0+742.943,996821.47,1022304.36	31.36	15.691	7° 19' 04"	46.923	47	1.999	23.487	0.5	92.995	

