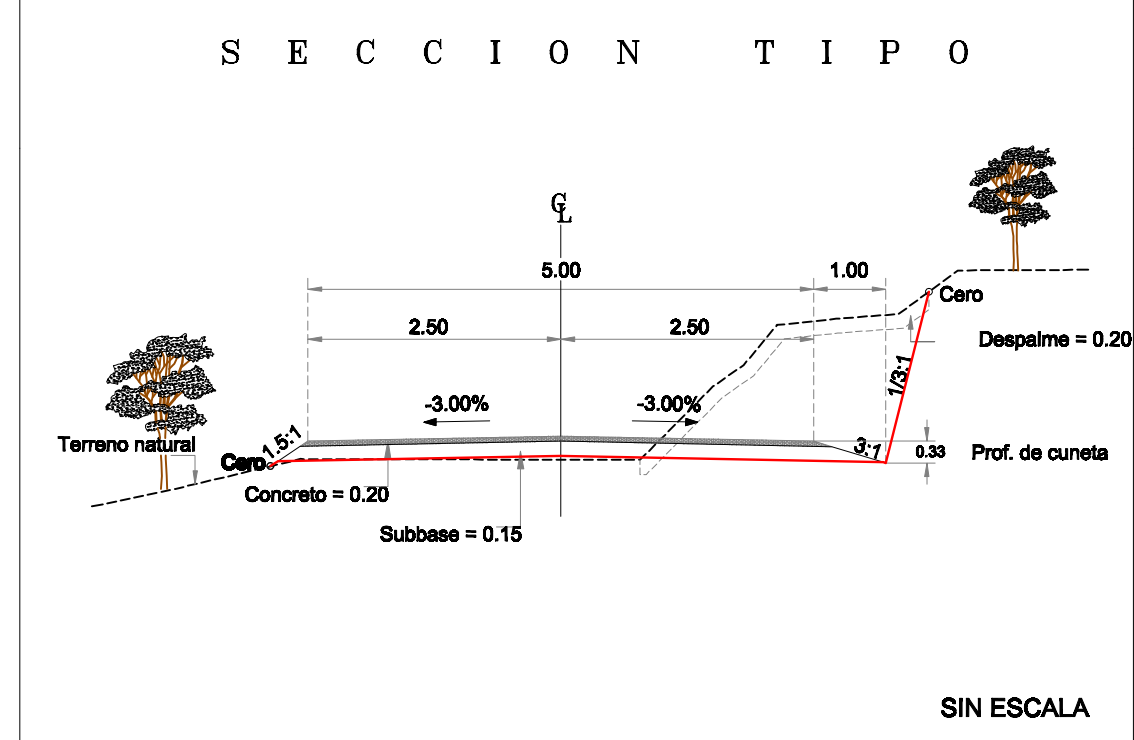


DATOS DE PROYECTO		
CAMINO TIPO "ARTESANAL"		
VELOCIDAD DE PROYECTO 30 km/h	ANCHO DE CORONA 5.00 m.	ANCHO DE CALZADA 5.00 m.
CURVATURA MAXIMA 60°/100'	PENDIENTE MAXIMA 12.00 %	PENDIENTE GOBERNADORA 9.00 %



SIMBOLOGIA	
BANCOS DE NIVEL	CERCO DE PUAS O MALLA
OBRA DE DRENAJE	DERECHO DE VIA
NUMERO DE CURVA	ORILLA DE CAMINO EXISTENTE
KILOMETRAJE	CURVA DE NIVEL ORDINARIA
POSTE DE C.F.E.	CURVA DE NIVEL MAESTRA A CADA 5 MTS
TIRANTE (ARREMETIDA DE POSTE)	

Camino: CONSTRUCCION DE LA CARRETERA CON CONCRETO HIDRAULICO A EL OCOTILLO, PLAN DEL AIRE

Tramo: DEL KM 0+000.00 AL KM 7+400.00

Subtramo: DEL KM 0+000.00 AL KM 0+800.00

PLANTA TOPOGRAFICA DEL KM 0+000.00 AL KM 0+800.00

PROYECTO:

DIRECCION DE PROYECTOS Y CONTROL DE CALIDAD

H. AYUNTAMIENTO CONSTITUCIONAL DE TATALTEPEC DE VALDES, JUQUILA, OAXACA.

C. ALFREDO HERNÁNDEZ JIMÉNEZ
PRESIDENTE MUNICIPAL

REVISÓ:		
Jefe de la Unidad de Estudios y Proyectos	Director de Proyectos y Control de Calidad	El Director General
Cecilia Profesional 9802384 ING. JAIR RAMÍREZ REYES	ING. ALVARO PEREZ HERNANDEZ	ING. MOISE SALAZAR MARTINEZ
2024	Escala 1:1,000	Plano 1 DE 1

COORDENADAS DEL EJE DE TRAZO															
ESTACION	PUNTO OBSERVADO	SURTANTE ATRAS	TANGENTE	SURTANTE ADELANTE	DISTANCIA	DEFLEXIONES		RUMBO		PROYECCIONES				COORDENADAS	
						M	S	SENTIDO	RECEPCION	COSENO	SENO	+N -S	+E -W	NORTE	ESTE
0+000.00	NORTE	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+020.29	0+020.29	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+040.58	0+040.58	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+060.87	0+060.87	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+081.16	0+081.16	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+101.45	0+101.45	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+121.74	0+121.74	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+142.03	0+142.03	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+162.32	0+162.32	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+182.61	0+182.61	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+202.90	0+202.90	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+223.19	0+223.19	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+243.48	0+243.48	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+263.77	0+263.77	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+284.06	0+284.06	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+304.35	0+304.35	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+324.64	0+324.64	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+344.93	0+344.93	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+365.22	0+365.22	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+385.51	0+385.51	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+405.80	0+405.80	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+426.09	0+426.09	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+446.38	0+446.38	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+466.67	0+466.67	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+486.96	0+486.96	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+507.25	0+507.25	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+527.54	0+527.54	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+547.83	0+547.83	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+568.12	0+568.12	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+588.41	0+588.41	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+608.70	0+608.70	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+628.99	0+628.99	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+649.28	0+649.28	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+669.57	0+669.57	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+689.86	0+689.86	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+710.15	0+710.15	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+730.44	0+730.44	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+750.73	0+750.73	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+771.02	0+771.02	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+791.31	0+791.31	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+811.60	0+811.60	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+831.89	0+831.89	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+852.18	0+852.18	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+872.47	0+872.47	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+892.76	0+892.76	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+913.05	0+913.05	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+933.34	0+933.34	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+953.63	0+953.63	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+973.92	0+973.92	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+994.21	0+994.21	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+1014.50	0+1014.50	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+1034.79	0+1034.79	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+1055.08	0+1055.08	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+1075.37	0+1075.37	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+1095.66	0+1095.66	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+1115.95	0+1115.95	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+1136.24	0+1136.24	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+1156.53	0+1156.53	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+1176.82	0+1176.82	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.291	144° 54' 01.83" DGR
0+1197.11	0+1197.11	0.000	10.560	18.731	29.291	144° 54' 01.83" DGR	0.000	0.000	0.000	0.73978	0.67285	0.000	18.731	29.2	