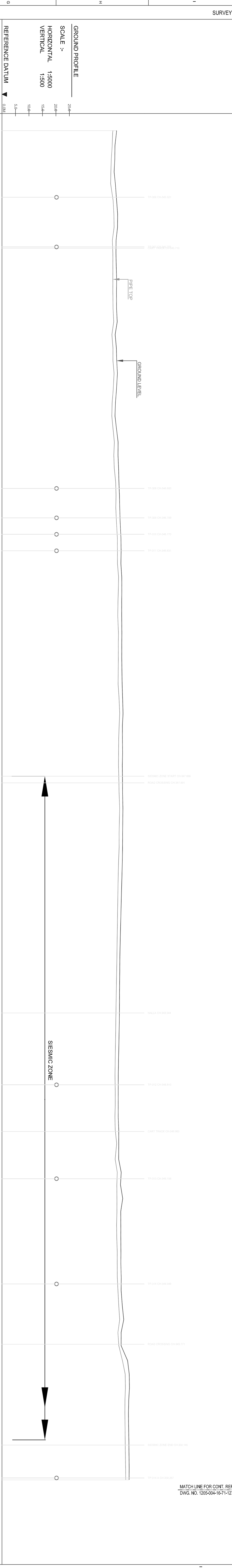
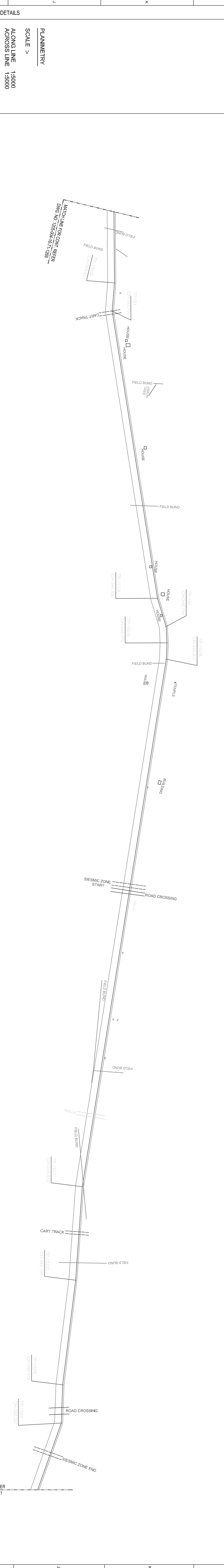


TURNING POINT(TP)	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
DEFLECTION ANGLE (" - ")		TP-250B 5°00'00"	TP-351 14°30'00"			TP-352 8°00'00"	TP-353A, TP-353B 14°00'00" 5°00'00" 7°00'00"					TP-353C 5°00'00"	TP-353D 3°00'00"		TP-353E 12°30'00"	TP-353F 5°00'00"
DISTANCE BETWEEN IPS (m)			247.238		1078.815	150.520	60.435	60.340		1039.060			347.680	390.060		662.822
STATE & DISTRICT							NAADOL						KHED		GUJARAT	



GROUND LEVEL(Sm)	PIPE TOP LEVEL(Sm)	DISTANCE BETWEEN LEVEL POINTS (IN METRES)
-42.531	-41.156	57.0
-41.915	-40.895	48.0
-41.865	-40.565	48.0
-41.625	-40.405	44.0
-42.075	-40.325	62.2
-42.530	-41.250	48.0
-42.920	-41.510	50.0
-42.880	-41.620	50.0
-42.300	-40.950	48.0
-42.410	-41.152	48.0
-42.545	-41.155	48.0
-42.485	-41.145	48.0
-42.715	-41.215	48.0
-42.565	-41.465	48.0
-42.050	-40.785	46.0
-42.575	-41.165	46.0
-42.845	-41.585	47.2
-42.485	-41.275	61.0
-42.105	-40.875	48.0
-41.945	-40.755	48.0
-42.520	-41.225	50.0
-43.000	-41.700	48.0
-43.065	-41.505	48.0
-43.265	-41.685	48.0
-43.385	-42.175	48.0
-43.695	-42.315	48.0
-43.845	-42.235	48.0
-43.845	-42.455	48.0
-44.122	-42.812	48.0
-44.212	-42.842	48.0
-44.122	-42.852	48.0
-44.440	-43.265	48.0
-44.465	-43.180	48.0
-44.420	-43.030	48.0
-44.420	-42.960	48.0
-44.485	-43.205	48.0
-44.440	-43.170	48.0
-44.440	-43.185	48.0
-44.520	-43.140	47.2
-44.745	-43.100	60.0
-44.745	-43.415	48.0
-44.935	-43.695	48.0
-44.680	-43.480	48.0
-44.705	-43.300	48.0
-44.660	-43.260	48.0
-44.710	-43.360	50.0
-44.760	-43.470	48.0
-44.860	-43.670	48.0
-44.820	-43.570	48.0
-44.860	-43.450	50.0
-44.750	-43.470	48.0
-44.670	-43.280	48.0
-44.530	-43.160	48.0
-44.500	-43.050	48.0
-44.270	-42.980	48.0
-44.140	-42.890	48.0
-44.010	-42.820	48.0
-43.880	-42.740	48.0
-43.750	-42.650	48.0
-43.705	-42.560	48.0
-43.660	-42.480	48.0
-43.630	-42.400	48.0
-43.590	-42.320	48.0
-43.550	-42.240	48.0
-43.350	-42.170	48.0
-43.350	-42.095	48.0
-43.250	-42.015	58.0
-43.150	-41.940	54.0
-43.140	-42.040	50.0
-43.140	-42.040	48.0
-43.340	-41.920	47.0
-43.340	-42.040	48.0
-43.320	-42.565	50.0
-43.300	-41.990	48.0
-43.240	-42.780	48.0
-43.980	-42.620	47.0
-44.800	-42.640	50.0
-44.070	-42.640	50.0
-44.070	-42.530	47.2
-44.100	-42.590	48.0
-44.120	-42.770	48.0
-44.110	-42.760	48.0
-44.220	-43.030	48.0
-44.690	-43.360	51.0
-45.180	-43.690	47.2
-44.210	-43.020	48.0
-44.210	-43.350	50.0
-46.600	-44.700	50.0
-46.600	-45.730	50.0
-47.320	-45.820	48.0
-47.030	-46.610	48.0
-46.930	-45.610	48.0
-46.890	-45.680	48.0
-47.070	-45.730	48.0
-47.150	-45.790	48.0
-47.190	-45.860	48.0
-47.172	-45.913	47.0

SURFACE / TERAPAN DETAILS			
	TREE	TREE	TREE

CLASSZONE LOCATION		NOT APPLICABLE	
DESIGN FACTOR		0.72	
LINE PIPE DETAILS		API 5L Gr. X-70, LSAW	
MATERIAL		API 5L Gr. X-70, HSAW	
O.D.X. WALL THICKNESS		610, 7.1	
CUMULATIVE CHARGE (KX METERS) (000 + 000)		610, 11.9	
SECTIONAL CHARGE		347.274	

SPECIAL PROVISIONS		PIPELINE DETAIL	
PIPE LINE COVER MINIMUM (METRES)	1.0	1.2	1.0
CROSSINGS	 CART TRACK 3457204 3457118	 ROAD CROSSING 3472783 3471607	 NALLA 3484238 3483207
SPECIAL INSTALLATION FITTING/MARKERS	 CART TRACK 34581579 3457988	 ROAD CROSSING 3457238 3457104	 SEISMIC ZONE END 34501139 34571151
COATING SCHEME	LINE PIPE, THREE LAYER POLYETHYLENE COATING (3LPE) (MIN. 2.5 mm THK) AS PER SPEC. NO. 6-71-0044 AND FIELD JOINT COATING HEAT SHRINK SLEEVE AS PER SPEC. NO. 6-71-0044		
CATHODIC PROTECTION			

SUB-SOIL DETAILS	INSTALLATIONS	SOIL RESISTIVITY (OHMM)	SOIL STRATIFICATION DEPTH IN (m)
		19,320	
		27,900	
		17,340	
		27,900	
		26,390	
	REFER GENERAL NOTE-5		
		37,710	
		35,810	
		44,310	
		10,370	
		10,550	
		11,500	

[illegible]