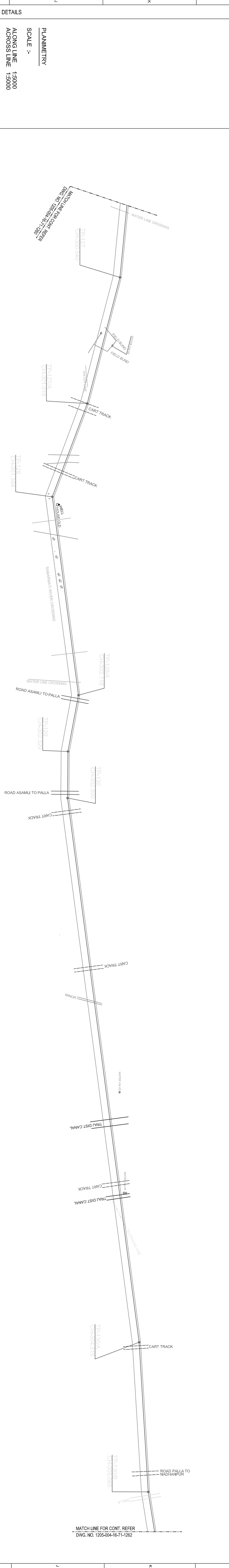
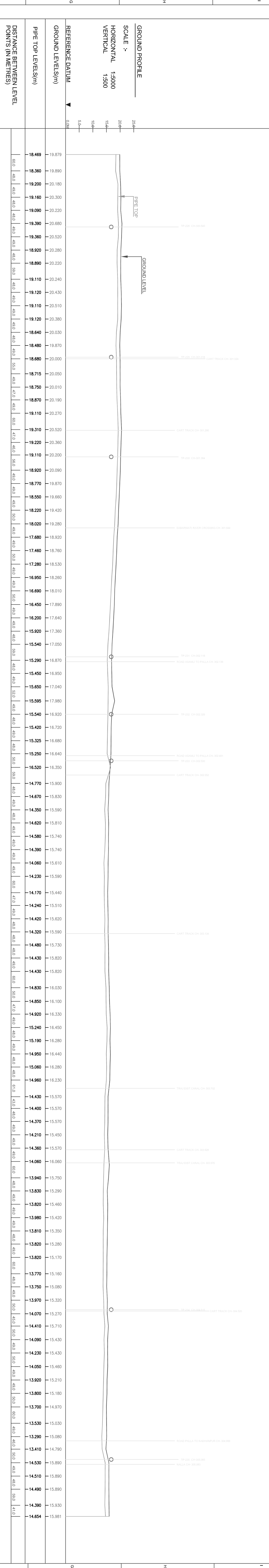


TURNING POINT (TP)		TP-127	TP-127A	TP-128	TP-129	TP-130	TP-130A	TP-130B
DEFLECTION ANGLE (° - -')		9'00"07"	6'00"07"	28'00"07"	18'00"07"	10'00"07"	4'00"07"	5'30"07"
DISTANCE BETWEEN TPs (m)		255.792	478.595	385.520	724.590	210.238	2015.090	208.850
STATE & DISTRICT		M A T A R						
		K H E D A						
		G U J A R A T						



PLANNING
SCALE :-
ALONG LINE 1:5000
ACROSS LINE 1:5000



SURFACE / TERRAIN DETAILS
CLASSZONE LOCATION
DESIGN FACTOR
MATERIAL
LINE PIPE DETAILS
O.D. X WALL THICKNESS
CUMULATIVE CHAINAGE
SPECIAL PROVISIONS
PIPE LINE COVER
CROSSINGS
SPECIAL INSTALLATION
FITTING/MAKERS
COATING SCHEME
CATHODIC PROTECTION
INSTALLATIONS
SOIL RESISTIVITY (OHM.M)
SOIL STRATIFICATION DEPTH IN (m)

CLASSZONE LOCATION		NOT APPLICABLE	
DESIGN FACTOR		0.72	
MATERIAL		API 5L Gr. X-70, HSAW / LSAN	
LINE PIPE DETAILS		610, 7.1	
O.D. WALL THICKNESS (mm x mm)		610, 11.9	
CUMULATIVE CHAINAGE		610, 7.1	
SPECIAL PROVISIONS			
PIPE LINE COVER (MINIMUM (METRES))		1.2	
CROSSINGS			
SPECIAL INSTALLATION FITTING/MAKERS			
COATING SCHEME		LINE PIPE, THREE LAYER POLYETHYLENE COATING (3LPE) (MIN. 2.5 mm THK) AS PER SPEC. NO. 6-71-0041 AND FIELD JOINT COATING HEAT SHRINK SLEEVE AS PER SPEC. NO. 6-71-0044	
CATHODIC PROTECTION INSTALLATIONS		REFER GENERAL NOTE-4	
SOIL RESISTIVITY (OHMM)		1.50	
SOIL STRATIFICATION DEPTH IN (m)		2.20	
TOPOGRAPHIC SYMBOLS		PIPELINE SYMBOLS	
SOIL SYMBOLS		GENERAL NOTES :-	
BILL OF MATERIAL FOR THIS DRAWING		REFERENCE DRAWINGS	
AS BUILT DRAWING		BHARAT OMAN REFINERIES LIMITED	
ESSAR		ESSAR CONSTRUCTIONS (INDIA) LIMITED	
BINA REFINERY PROJECT		BINA REFINERY PROJECT	
ALIGNMENT SHEET		ALIGNMENT SHEET	
VAONJAR TO BINA		VAONJAR TO BINA	
CHAINAGE 300.274 KM TO 305.274 KM		CHAINAGE 300.274 KM TO 305.274 KM	