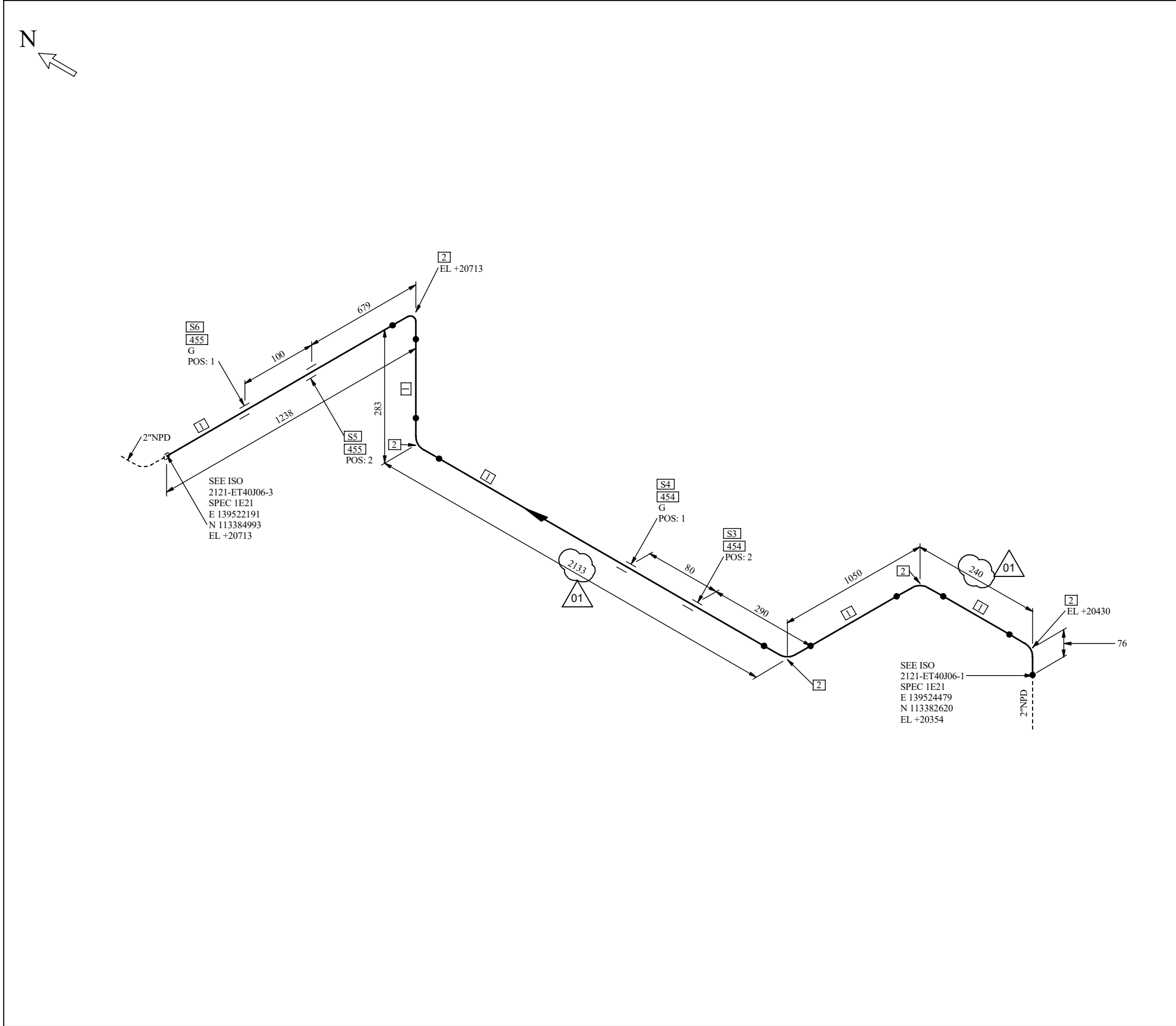






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EXTR. DATE: 05-07-2023 13:39:21

STREAM NO.:4005 REV. CAUSE ID: 6



BILL OF MATERIAL				
PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	HOLD STATUS
PIPE				
1	PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B12STD> (L-7806)	2	I117862	4.3 M
FITTINGS				
2	90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F32STD> (L-7955)	2	I128529	5
PIPE SUPPORTS				
3	VERTICAL STAKES WELDED TO STR. ST42 L80X80X10	2	454	1
4	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	2	454	1
5	VERTICAL STAKES WELDED TO STR. ST42 L100X100X10	2	455	1
6	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	2	455	1

REMARKS FOR MECHANICAL SUBCONTRACTOR:						
1) LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED.						
2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION.						
3) FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL  , ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT						
4) FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.						
5) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-00000002.						
6) CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED.						
7) IN CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.						
8) ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603).						
9) WHERE EARTHING BONDING IS REQUIRED, MECHANICAL SUBCONTRACTOR TO PERFORM IT BASED ON DOC. 45-P-000-7-06-00902/ 4274 -NN-DW-00000002 AND ASSEMBLY NO FEA005 AND FE019.						
SUPPORTS LEGEND:						
 DENOTES PARTS LIST NO		PIPE SUPPORT		A=RESTING SUPPORT	G=GUIDE	F=AXIAL STOP
				WHERE  WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.	B=ANCHOR	M=SPRING
					S=TEFLON PAD	
						STRESS CALC. N°
						-
01	ISSUED FOR CONSTRUCTION	06-JUL-23	U.CHAVAN	P.VAZE	G.PAGANONI	P & ID 19-A-19-000-1-01-00001 sheet 40
00	ISSUED FOR CONSTRUCTION	16-DEC-22	M.YADAV	P.VAZE	G.PAGANONI	LINE LIST N° 19-L-19-000-2-00-80602
REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT PIPE LAYOUT N° 19-L-19-000-2-00-86196 sheet 5

APPROVED FOR CONSTRUCTION		PIPE MATERIAL		NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST. 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102. 3. WELDING ACCORDING TO 45-L-45-000-2-00-80021. 4. PAINTING ACCORDING TO 45-A-45-000-1-00-20160. 5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE".							
		CS									
		HEAT TREATMENT (PWHIT)									
		N									
Signature for construction is shown on Iso list of relevant CWA		PAINTING SCHEME (3)		CONTRACTOR: 		CONTRACTOR DRAWING NUMBER:		PROJECT:			
		1				4274-XH-DL-2121ET40J06-2		4001008			
		PIPING CLASS		1E21							
TITLE ISOMETRIC DRAWING LINE 2"-ET-40J06-1E21		WELDING CLASS (4)				LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT				CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX	
		E									
		PED CATEGORY		II							
				INSULATION CODE / THK. (mm)		ANNEX 19		SPEC. L		DRAWING NUMBER 19-000-2-02-00001 sheet 2121ET40J06-2	
		N 0									