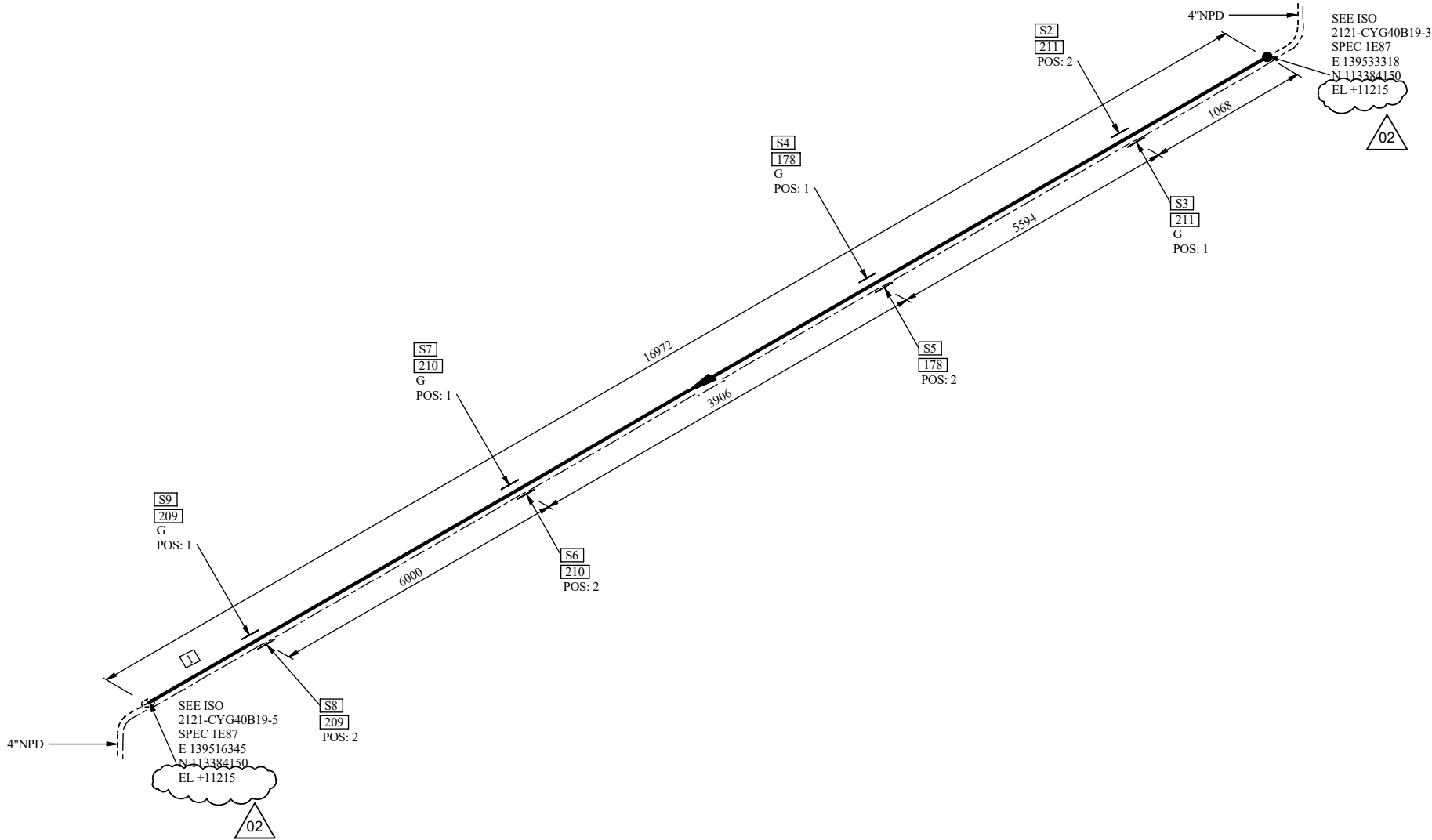




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EXTR. DATE: 07-12-2023 11:36:21

STREAM NO.:4513    STREAM REV. NO. : 10    REV. CAUSE ID: 23








BILL OF MATERIAL					
PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
PIPE					
1	PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B14STD> (L-7806)	4	I117953	17.0 M	
PIPE SUPPORTS					
2	VERTICAL STAKES WELDED TO STR. ST46 HEA100	4	211	1	
3	WELDED GUIDE-C1G1 H = 100 L = 300	4	211	1	
4	WELDED GUIDE-C1G1 H = 100 L = 300	4	178	1	
5	VERTICAL STAKES WELDED TO STR. ST46 HEA100	4	178	1	
6	VERTICAL STAKES WELDED TO STR. ST46 HEA100	4	210	1	
7	WELDED GUIDE-C1G1 H = 100 L = 300	4	210	1	
8	VERTICAL STAKES WELDED TO STR. ST46 HEA100	4	209	1	
9	WELDED GUIDE-C1G1 H = 100 L = 300	4	209	1	

PIPE MATERIAL		<b>NOTES:</b> 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 (PWHT)					
N					
PAINTING SCHEME (3)					
20		CONTRACTOR:	CONTRACTOR DRAWING NUMBER:	PROJECT:	
PIPING CLASS			4274-XH-DL-2121CYG40B19-4	4001008	
1E87					
WELDING CLASS (4)		<div>LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT</div> <div>CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX</div> 			
A-1					
PED CATEGORY					
II					
INSULATION CODE / THK. (mm)		ANNEX	SPEC.	DRAWING NUMBER	
SS		19	L	19-000-2-02-00001 sheet 2121CYG40B19-4	
				REV. 02	

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     B=ANCHOR     M=SPRING     S=TEFLON PAD  
WHERE  WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.

02	ISSUED FOR CONSTRUCTION	08-DEC-23	U.CHAVAN	P.VAZE	G.PAGANONI		STRESS CALC. N° -
01	ISSUED FOR CONSTRUCTION	24-AUG-23	U.CHAVAN	P.VAZE	G.PAGANONI		P & ID 19-A-19-000-1-01-00001 sheet 29
00	ISSUED FOR CONSTRUCTION	11-NOV-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 3

APPROVED FOR CONSTRUCTION

Signature for construction is shown on Iso list of relevant CWA

TITLE  
**ISOMETRIC DRAWING LINE**  
4"-CYG-40B19-1E87 (SS)