

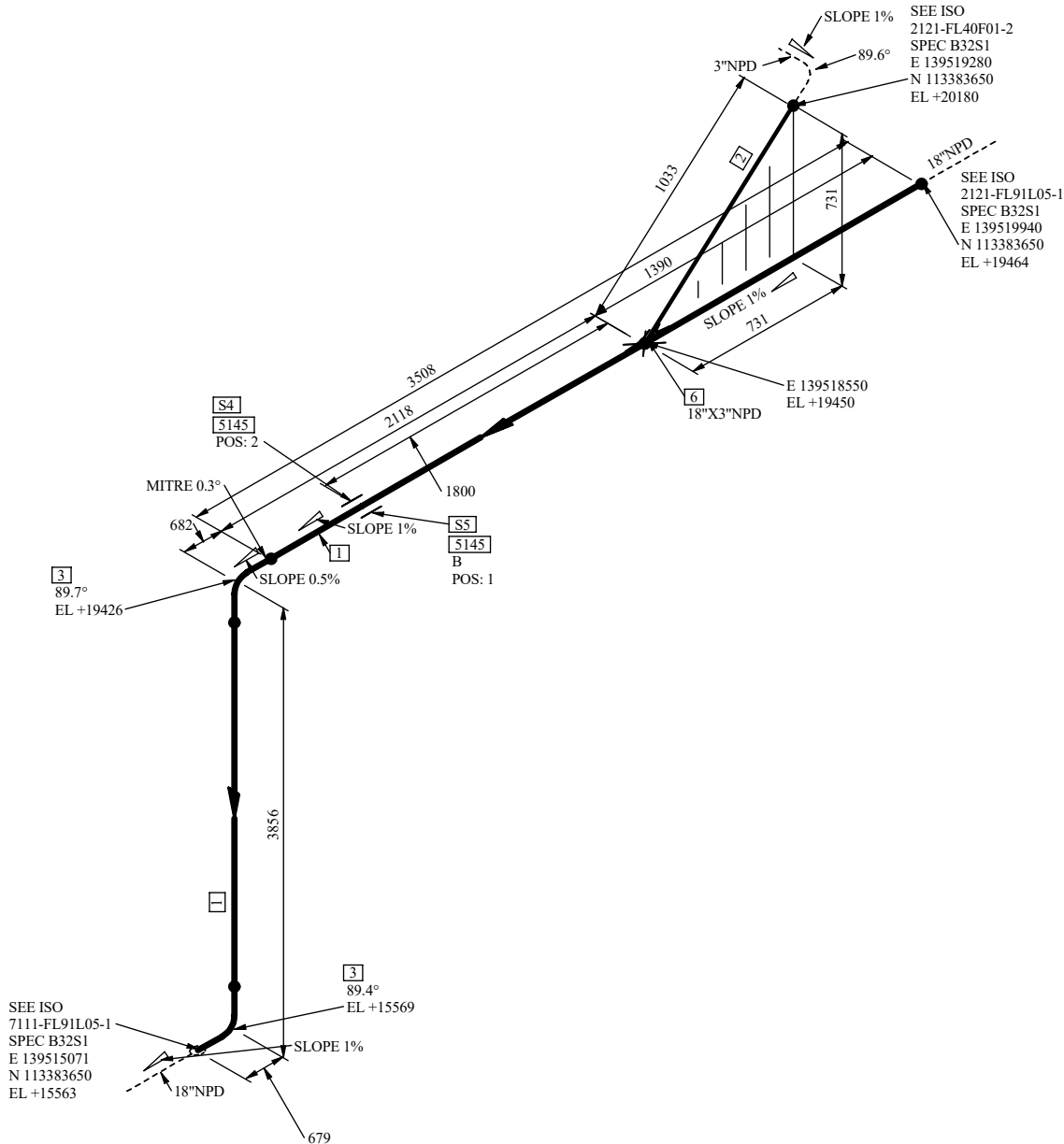
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EXTR. DATE: 03-02-2023 13:49:09

STREAM NO.:3351

REV. CAUSE ID:



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 WHERE WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.	G=GUIDE	F=AXIAL STOP	B=ANCHOR	M=SPRING	S=TEFLON PAD
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							STRESS CALC. N° REP-PE-011
							P & ID 19-A-19-000-1-01-00001 sheet 109
00	ISSUED FOR CONSTRUCTION	03-FEB-23	U.CHAVAN	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

Signature for construction is shown
on Iso list of relevant CWA

ISOMETRIC DRAWING
LINE

18"-FL-91L05-B32S1

BILL OF MATERIAL

PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
PIPE					
1	PIPE - A333-6 BE SMLS T01AC22V02 S-20 <PIPL020B11820> (L-8200)	18	I146206	6.1 M	
2	PIPE - A333-6 BE SMLS T01AC22V02 S-STD <PIPL020B13STD> (L-8199)	3	I146278	0.8 M	
FITTINGS					
3	90 LR ELBOW ASME B16.9 A420-WPL6 BE SMLS C01DC09V01 S-20 <90LL210F31820> (L-7967)	18	I214681	2	
PIPE SUPPORTS					
4	WELDED BRACKET TO STRUCT. SB04 HEA200	18	5145	1	
5	WELDED ANCHOR -C3B1 H = 100 L = 200	18	5145	1	
FITTINGS					
6	REINFORCED BRANCH 45 DEGREES <∅ ()	18X3	A1Y45	1	

- 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".

CONTRACTOR:	CONTRACTOR DRAWING NUMBER:	PROJECT:
	4274-XH-DL-2121FL91L05-3	4001008
LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT		
CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX		
WELDING CLASS (4) M	INSULATION CODE / THK. (mm) N 0	ANNEX 19 SPEC. L DRAWING NUMBER 19-000-2-02-00001 sheet 2121FL91L05-3
PED CATEGORY III		REV. 00