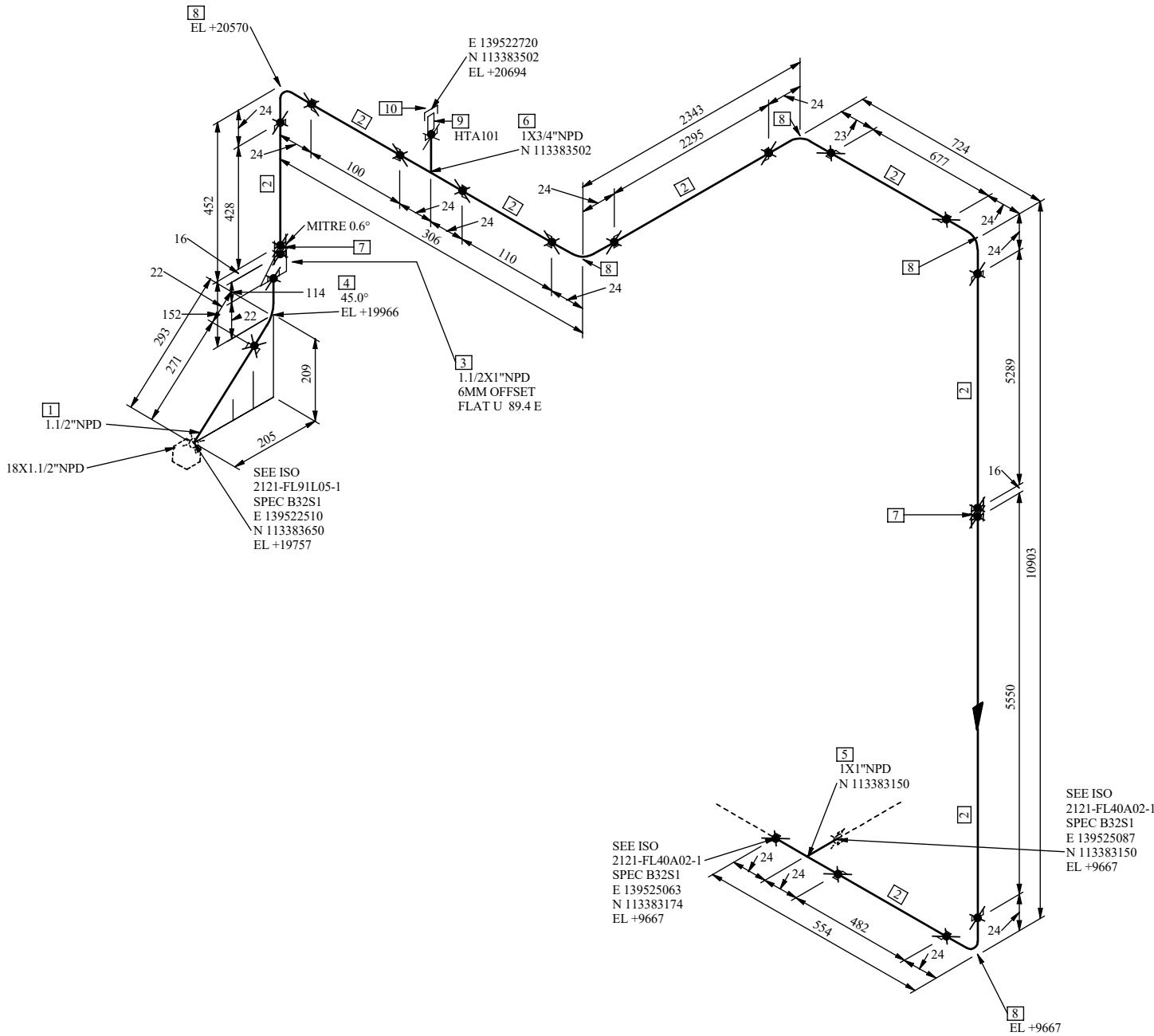


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EXTR. DATE: 19-02-2024 22:30:21

STREAM NO.:3351 STREAM REV. NO. : 10 REV. CAUSE ID: 9



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: 1 DENOTES PARTS LIST NO PIPE SUPPORT A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEFLON PAD
WHERE 1 WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.

							STRESS CALC. N° -
01	ISSUED FOR REFERENCE	23-FEB-24	M.YADAV	P.VAZE	G.PAGANONI		P & ID 19-A-19-000-1-01-00001 sheet 28
00	ISSUED FOR REFERENCE	10-MAR-2023	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

ISSUED FOR
REFERENCE

Signature for construction is shown
on Iso list of relevant CWA

TITLE
**ISOMETRIC DRAWING
LINE**

1-1/2"-FL-40A03-B32S1

BILL OF MATERIAL

PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
PIPE					
1	PIPE - A333-6 PE SMLS T01AC22Z02 S-XS <PIPL020A111/2XS> (L-PIP01)	1.1/2	I146408	0.3 M	
2	PIPE - A333-6 PE SMLS T01AC22Z02 S-XS <PIPL020A11XS> (L-PIP01)	1	I146392	15.0 M	
FITTINGS					
3	ECCENTRIC SWAGE MSS SP-95 - A350-LF2 Class 1 PE PE SMLS SCH1-XS SCH2-XS R22FQC07ZZ01 <ESWL020AR13161216> (L-ESW28)	1.1/2X1	152726896	1	
4	45 ELBOW ASME B16.11 3000# A350-LF2 Class 1 SWE SWE - R32FNC071101 NREQD <45FL300LBK11/2> (L-7901)	1.1/2	I213773	1	
5	TEE ASME B16.11 3000# A350-LF2 Class 1 SWE SWE - R11FNC071101 NREQD <TESL300LBK1> (L-7904)	1X1	I213733	1	
6	REDUCING TEE ASME B16.11 3000# A350-LF2 Class 1 SWE SWE - R12FNC071101 NREQD <RTEL300LBK13/4> (L-RTE09)	1X3/4	I213621	1	
7	COUPLING ASME B16.11 3000# A350-LF2 Class 1 SWE SWE - R01FNC071101 NREQD <FCPL300LBK1> (L-6599)	1	I213067	2	
8	90 ELBOW ASME B16.11 3000# A350-LF2 Class 1 SWE SWE - R31FNC071103 NREQD <90FL300LBK1> (L-7900)	1	I213763	5	
9	NIPPLE - - A333-6 PE MTE SMLS LENGTH 100mm R03AQC22ZW04 S-XS <NTOL020E1111624> (L-9260)	3/4	I3554371	1	
10	CAP ASME B16.11 3000# A350-LF2 Class 1 FTE NREQD - R41FNC072001 NREQD <CATL300KBK3/4> (L-7902)	3/4	I118032	1	

PIPE MATERIAL

CS, low temperature

HEAT TREATMENT (PWHIT)

N

PAINTING SCHEME (3)

1

PIPING CLASS

B32S1

WELDING CLASS (4)

M

PED CATEGORY

I

INSULATION CODE / THK. (mm)

N 0

- 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".



LOW LINEAL DENSITY POLYETHYLENE (PEL)
AND POLYPROPYLENE (PP) PLANTS
FOR PROJECT - ALBA PROJECT

CLIENT / COMPLEX
REPSOL POLYMEROS/
SINES INDUSTRIAL COMPLEX

ANNEX
19

SPEC.
L

DRAWING NUMBER
19-000-2-02-00001 sheet 2121FL40A03-2

REV.
01