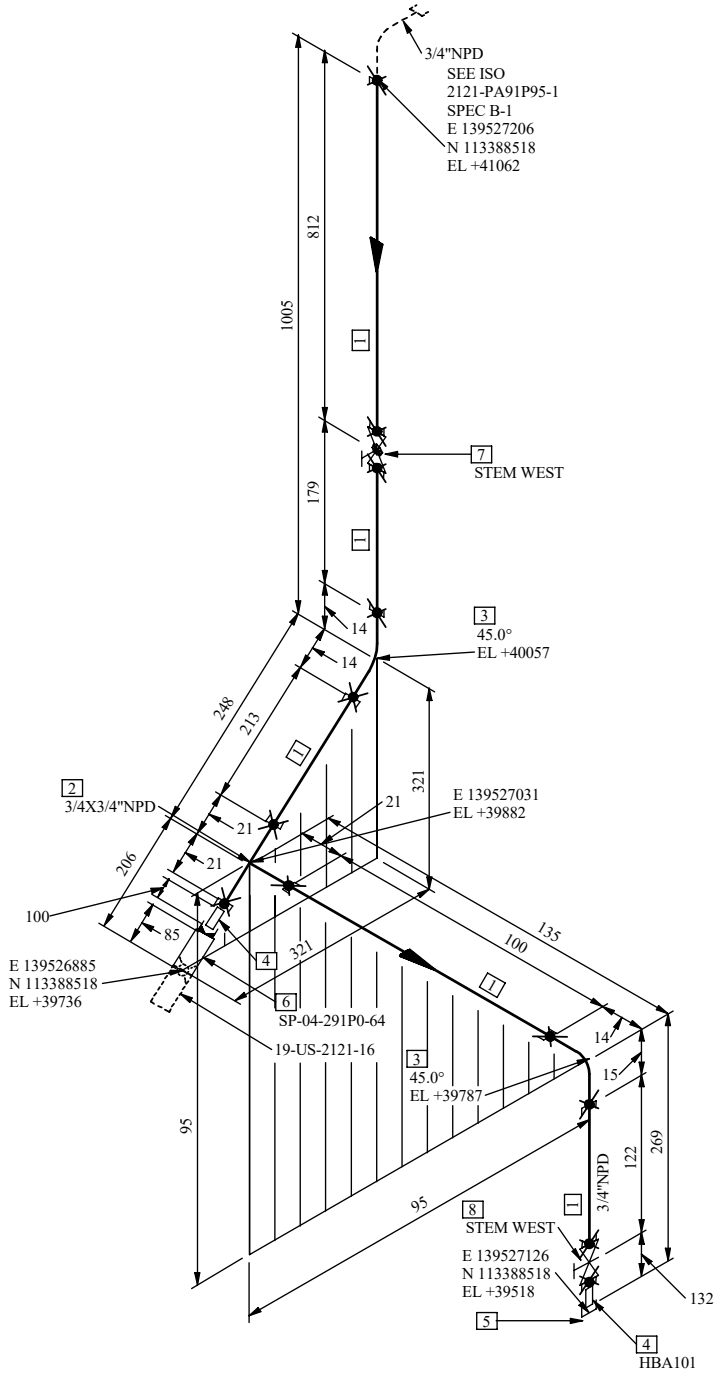


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EXTR. DATE: 31-10-2023 14:31:45

STREAM NO.:190

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 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.

							STRESS CALC. N°
							-
							P & ID
							19-A-19-000-1-01-00001 sheet 112
							LINE LIST N°
00	ISSUED FOR REFERENCE	31-OCT-23	M.YADAV	P.VAZE	G.PAGANONI		19-L-19-000-2-00-80602
							PIPE LAYOUT N°
REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	19-L-19-000-2-00-86196 sheet 9

ISSUED FOR  
REFERENCE

Signature for construction is shown  
on Iso list of relevant CWA


ISOMETRIC DRAWING  
LINE

3/4"-PA-91P95-B-1

BILL OF MATERIAL

PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
PIPE					
1	PIPE - A106-B PE SMLS T01AC03Z02 S-XS <PIPA010A13/4XS> (L-6679)	3/4	I132785	1.4 M	
FITTINGS					
2	TEE ASME B16.11 3000# A105N SWE SWE - R11FNC441101 NREQD <TESA300LBK3/4> (L-179)	3/4X3/4	I1651300	1	
3	45 ELBOW ASME B16.11 3000# A105N SWE SWE - R32FNC441101 NREQD <45FA300LBK3/4> (L-184)	3/4	I1651294	2	
4	NIPPLE - - A106-B PE MTE SMLS LENGTH 100mm R03AQC03ZW04 S-XS <NTOA010E1111624> (L-7888)	3/4	I2221184	2	
5	CAP ASME B16.11 3000# A105N FTE NREQD - R41FNC442001 NREQD <CATA300KBK3/4> (L-79)	3/4	I1651686	1	
6	SPECIALTY COMPONENT	3/4	SP-04-291P0-64	1	
VALVES / IN-LINE ITEMS					
7	GLOBE VALVE API 602 800# A105N SWE SWE 5-HARDFACED API 602 B7/2H BB-OS&Y API 602 HW V02GIC441162 NREQD <A63_4L-296> (L-296)	3/4	I11426472	1	
8	GATE VALVE API 602 800# A105N SWE SWE 5-HARDFACED API 602 B7/2H BB-OS&Y SOW API 602 HW V01GIC441111 NREQD <G63_4L-6566> (L-6566)	3/4	I11426464	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-2121PA91P95-2	4001008

WELDING CLASS (4)	LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT			CLIENT / COMPLEX
PED CATEGORY	Art 4.3			REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

INSULATION CODE / THK. (mm)	ANNEX 19	SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sheet 2121PA91P95-2	REV. 00
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