REV. CAUSE ID:

REV.

SUPPORTS LEGEND:

ISSUED FOR REFERENCE

REMARKS FOR MECHANICAL SUBCONTRACTOR:

1) LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED.

DESCRIPTION

DENOTES PARTS LIST NO PIPE SUPPORT —

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

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.

02-JUN-23

U.CHAVAN

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.

P.VAZE

CHECK BY

G.PAGANONI

APPR. BY

STRESS CALC. Nº

PIPE LAYOUT Nº

APPR. CLIENT

19-A-19-000-1-01-00001 sheet 117

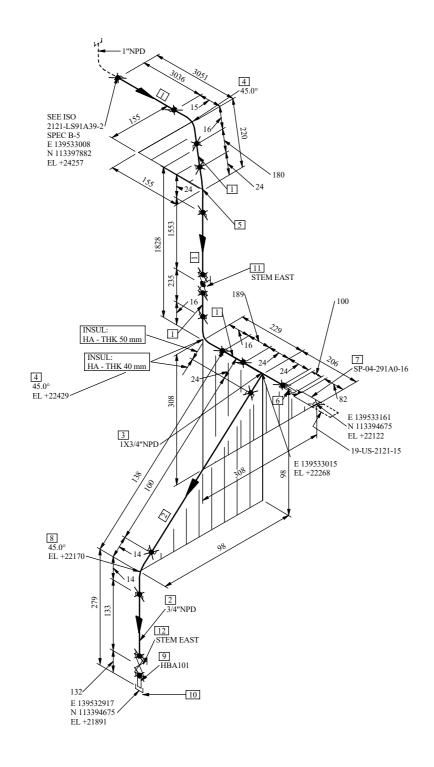
19-L-19-000-2-00-86197 sheet 6

19-L-19-000-2-00-80602

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)



	BILL OF MATERIAL					
P N		N.S. (IN)	ITEM CODE	QTY.	HOLD	
PI	PE					
1	PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A11XS > (L-6679)	1	I132793	5.2 M		
2	PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A13/4XS> (L-6679)	3/4	I132785	0.3 M		
EI	TTINGS					
3	REDUCING TEE ASME B16.11 3000# A105N SWE SWE - R12FNC441101 NREQD	1X3/4	I1651305	1		
	<rtea300kbk13 4=""> (L-RTE15)</rtea300kbk13>					
4	45 ELBOW ASME B16.11 3000# A105N SWE SWE - R32FNC441101 NREQD	1	I1651292	2		
	<45FA300LBK1> (L-184)					
5	90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD	1	I1651296	1		
	<90FA300LBK1> (L-178)					
6	NIPPLE A106-B PE MTE SMLS LENGTH 100mm R03AQC03ZW04 S-160	1	I2221187	1		
	<ntoa010e1120324> (L-7881)</ntoa010e1120324>					
7	SPECIALTY COMPONENT	1	SP-04-291A0-16	1		
8	45 ELBOW ASME B16.11 3000# A105N SWE SWE - R32FNC441101 NREQD	3/4	I1651294	1		
	<45FA300LBK3/4> (L-184)					
9	NIPPLE A106-B PE MTE SMLS LENGTH 100mm R03AQC03ZW04 S-160	3/4	I2221177	1		
	<ntoa010e1110324> (L-7881)</ntoa010e1110324>					
10	CAP ASME B16.11 3000# A105N FTE NREQD - R41FNC442001 NREQD <cata300kbk3 4=""></cata300kbk3>	3/4	I1651686	1		
	(L-79)					
V	ALVES / IN-LINE ITEMS					
11	GLOBE VALVE API 602 800# A105N SWE SWE 5-HARDFACED API 602 B7/2H BB-OS&Y	1	I11426473	1		
	API 602 HW V02GIC441162 NREQD < A61L-296> (L-296)					
12	GATE VALVE API 602 800# A105N SWE SWE 5-HARDFACED API 602 B7/2H BB-OS&Y SOW	3/4	I11426464	1		
	API 602 HW V01GIC441111 NREQD < G63_4L-6566> (L-6566)					

REFERENCE
Signature for construction is on Iso list of relevant CV
TITLE
ISOMETRIC DRAV LINE
1"-LS-91A39-B-5 (HA)

n is shown **CWA** 

**ISSUED FOR** 

WELDING CLASS (4) AWING PED CATEGORY

PIPE MATERIAL

PIPING CLASS

HA

HEAT TREATMENT (PWHT)

CS

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

5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE"

4274-XH-DL-2121LS91A39-3

PAINTING SCHEME (3) CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT:

LOW LINEAL DENSITY POLYETHILENE (PEL) FOR PROJECT - ALBA PROJECT

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

4001008

00

AND POLYPROPYLENE (PP) PLANTS Art 4.3 REPSQL INSULATION CODE / THK. (mm) DRAWING NUMBER 19-000-2-02-00001 sheet 2121LS91A39-3 ANNEX