SUPPORTS LEGEND: -60-60 DATE:

REV.

REMARKS FOR MECHANICAL SUBCONTRACTOR:

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

DESCRIPTION

ISSUED FOR CONSTRUCTION

ISSUED FOR CONSTRUCTION

DENOTES PARTS LIST NO PIPE SUPPORT —

2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.12\* AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION.

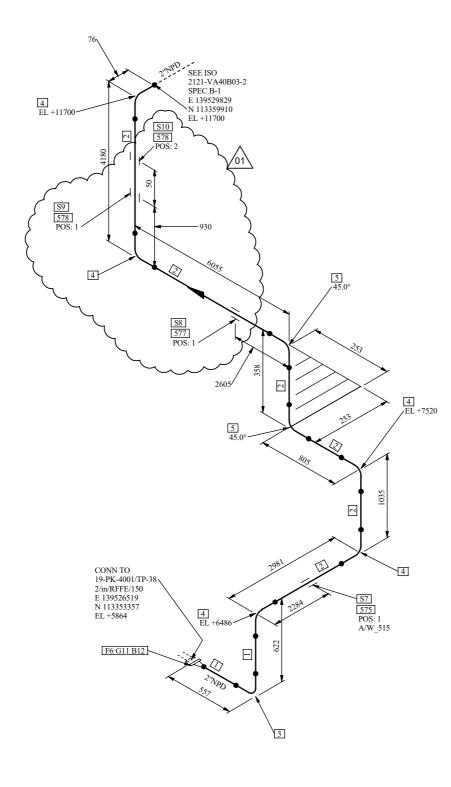
3) FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL 

✓, 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)



A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TIFLON PAD WHERE[A] WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.

P.VAZE

P.VAZE

CHECK BY

G.PAGANONI

G.PAGANONI

APPR. BY

08-SEP-23

25-AUG-23

M.YADAV

M.YADAV

BILL OF MATERIAI	L			
PT NO COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATU
PIPE				
1 PIPE - A106-B BE SMLS T01AC03V02 S-STD <pipa010b12std> (L-7806).</pipa010b12std>	2	I117862	0.9 M	
2 PIPE - A106-B BE SMLS T01AC03V02 S-STD < PIPA010B12STD > (L-7806)	2	I117862	14.7 M	
FITTINGS				
3 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F32STI (L-7955).	D> 2	1128529	1	
4 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F32STI (L-7955)	D> 2	1128529	5	
(L-7956) 45 LR ELBOW ASME B16.9 A234-WPB BE SMLS C02DC04V01 S-STD <45LA200F32STI	D> 2	I210283	2	
FLANGES				
6 WN FLANGE ASME B16.5 150# A105N RFFE BE 125 - 250 AARH F01CDC44BV05 S-STI	D 2	15355795	1	
<wnfa300r152std> (L-149)</wnfa300r152std>	_		-	
PIPE SUPPORTS				
7 U BOLT (FOR GUIDE)-P02D	2	575	1	
8 U BOLT (FOR GUIDE)-P02D	2	577	1	
9 U BOLT (FOR GUIDE)-P02D	2	578	1	
10 WELDED BRACKET TO STRUCT. SB01 L100X100X10	2	578	1	
GASKETS				
11 FLAT RING GASKET ASME B16.21 150# RFTBE NA/ARAMIDIC/NBR ASME B16.5 G02HDP2QR01 <nmgq009r1fc2> (L-NMG11)</nmgq009r1fc2>	2	I1169030	1	
BOLTS				
12 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 <sb2r51g5 2="" 831=""> - 2 NUTS PER BOLT - 85 mm Length</sb2r51g5>	5/8	153437429	4	
I				

FEA005 AND FE019.	Signature fo
FLONPAD L STRUCTURE.	on Iso l
STRESS CALC. Nº	TITLE
-	ICOME
P & ID 19-A-19-000-1-01-00001 sheet 41A	ISOME
LINE LIST Nº	
19-L-19-000-2-00-80602	
PIPE LAYOUT N° 19-L-19-000-2-00-86192 sheet 2	2"-VA-

APPR. CLIENT

**CONSTRUCTION** for construction is shown

PIPE MATERIAL

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" PAINTING SCHEME (3)

CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT: 4001008 PIPING CLASS 4274-XH-DL-2121VA40B03-1

WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT Art 4.3 REPSQL

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

DRAWING NUMBER 19-000-2-02-00001 sheet 2121VA40B03-1 ANNEX 01

APPROVED FOR