REV. CAUSE ID:

SUPPORTS LEGEND:

REMARKS FOR MECHANICAL SUBCONTRACTOR:

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

DESCRIPTION

2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION.

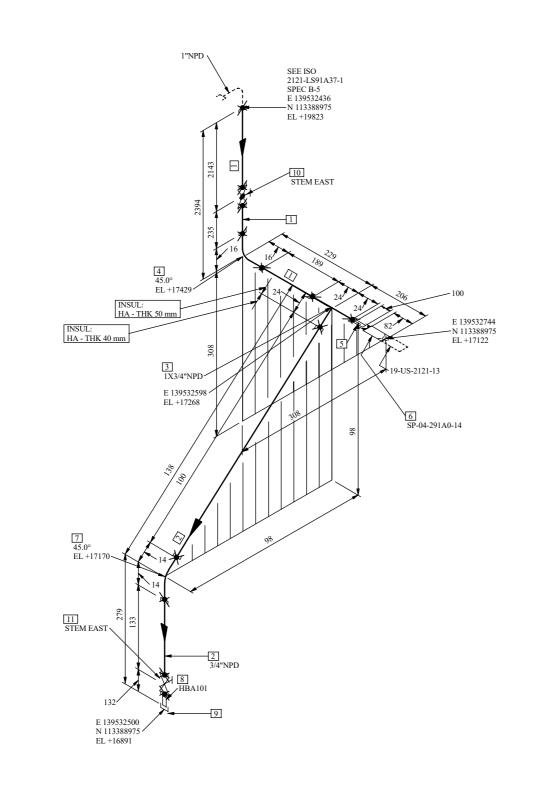
3) FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL ✗, ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT

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.

DENOTES PARTS LIST NO PIPE SUPPORT —

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 HOLD N.S. COMPONENT DESCRIPTION STATUS ITEM CODE QTY (IN) PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A11XS > (L-6679) I132793 PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A13/4XS > (L-6679) I132785 0.3 M REDUCING TEE ASME B16.11 3000# A105N SWE SWE - R12FNC441101 NREQD 1X3/4 I1651305 <RTEA300KBK13/4> (L-RTE15) 45 ELBOW ASME B16.11 3000# A105N SWE SWE - R32FNC441101 NREQD I1651292 <45FA300LBK1> (L-184) NIPPLE - - A106-B PE MTE SMLS LENGTH 100mm R03AQC03ZW04 S-160 I2221187 <NTOA010E1120324> (L-7881) SPECIALTY COMPONENT SP-04-291A0-14 1 45 ELBOW ASME B16.11 3000# A105N SWE SWE - R32FNC441101 NREOD I1651294 <45FA300LBK3/4> (L-184) NIPPLE - - A106-B PE MTE SMLS LENGTH 100mm R03AQC03ZW04 S-160 I2221177 <NTOA010E1110324> (L-7881) CAP ASME B16.11 3000# A105N FTE NREQD - R41FNC442001 NREQD <CATA300KBK3/4> 3/4 I1651686 (L-79) I11426473 10 GLOBE VALVE API 602 800# A105N SWE SWE 5-HARDFACED API 602 B7/2H BB-OS&Y API 602 HW V02GIC441162 NREQD < A61L-296> (L-296) GATE VALVE API 602 800# A105N SWE SWE 5-HARDFACED API 602 B7/2H BB-OS&Y SOW $\,$ 3/4 $\,$ I11426464 API 602 HW V01GIC441111 NREQD < G63_4L-6566> (L-6566)

SMALLER STALLE BE CHICKED IN THE BELONG CONTROL FOR ✓, ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-00000002.		REFERENCE
E LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN. Y MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603). TOR TO PERFORM IT BASED ON DOC. 45-P-000-7-06-00902/4274 -NN-D	W-00000002 AND ASSEMBLY NO FEA005 AND FE019.	Signature for construction is shown
A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B= WHERE A WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT TI	ANCHOR M=SPRING S=TEFLON PAD HERE IS A REST DIRECTLY ON STEEL STRUCTURE.	on Iso list of relevant CWA
	STRESS CALC. Nº	TITLE
	- D & ID	ISOMETRIC DRAWING

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

19-L-19-000-2-00-86197 sheet 5

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

PIPE LAYOUT Nº

APPR. CLIENT

CHECK BY

APPR. BY

DRW. BY

ISUMETRIC DRAWING LINE 1"-LS-91A37-B-5 (HA)

ISSUED FOR

PIPE MATERIAL

HEAT TREATMENT (PWHT)

INSULATION CODE / THK. (mm)

Art 4.3

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

CONTRACTOR:

REPSQL

ANNEX

3. WELDING ACCORDING TO 45-L-45-000-2-00-80021

CONTRACTOR DRAWING NUMBER:

N 5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE" PAINTING SCHEME (3)

4001008 PIPING CLASS 4274-XH-DL-2121LS91A37-2 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS PED CATEGORY

CLIENT / COMPLEX REPSOL POLYMEROS/ FOR PROJECT - ALBA PROJECT SINES INDUSTRIAL COMPLEX

PROJECT:

DRAWING NUMBER 00 19-000-2-02-00001 sheet 2121LS91A37-2

FILENAME: 19-000-2-02-00001 sheet 2121LS91A37-2.dwg