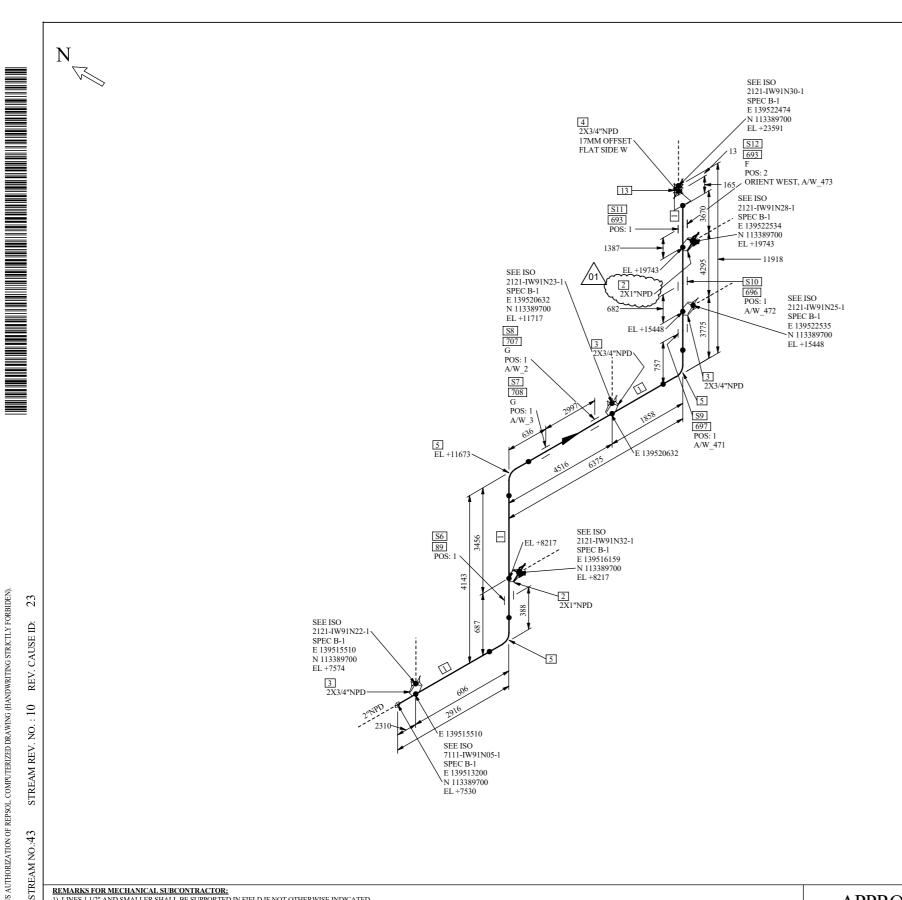
REMARKS FOR MECHANICAL SUBCONTRACTOR:

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



BILL OF MATERIAL HOLD N.S. COMPONENT DESCRIPTION ITEM CODE QTY STATUS (IN) PIPE PIPE - A106-B BE SMLS T01AC03V02 S-STD < PIPA010B12STD > (L-7806) I117862 24.8 M FITTINGS REDUCING SOCKOLET MSS-SP-97 3000# A105N BE SWE - R13DNC44V101 NREQD I1651347 <SOKA300LB01412> (L-343) REDUCING SOCKOLET MSS-SP-97 3000# A105N BE SWE - R13DNC44V101 NREQD 17843411 <SOKA300LB01411> (L-343) ECCENTRIC SWAGE MSS SP-95 - A234-WPB BE PE SMLS SCH1-STD SCH2-XS 2X3/4 1920265 R22FQC04VZ15 <ESWA010GR14151116> (L-ESW27) 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F32STD> I128529 (L-7955) PIPE SUPPORTS U BOLT (FOR GUIDE)-P02D STANDARD GUIDE FOR NOT INS. PIPING-N1G1 STANDARD GUIDE FOR NOT INS. PIPING-N1G1 U BOLT (FOR GUIDE)-P02D 10 U BOLT (FOR GUIDE)-P02D 696 11 U BOLT (FOR GUIDE)-P02D 693 12 STOP HORIZ VERT FOR NOT INS. PIPING-N1F1 693 13 COUPLING ASME B16.11 3000# A105N SWE SWE - R01FNC441101 NREOD 3/4 I1651676 <FCPA300LBK3/4> (L-180)

| 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.  |                         |           |          |          |            |              |  | CONSTRUCTION                        |
|--|-------------------------|-----------|----------|----------|------------|--------------|--|-------------------------------------|
| 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. |                         |           |          |          |            |              |  | Signature for construction is shown |
| SUPPORTS LEGEND: DENOTES PARTS LIST NO SUPPORT — A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=THFLON PAD WHERE WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.  |                         |           |          |          |            |              |  | on Iso list of relevant CWA         |
|  |                         |           |          |          |            |              | STRESS CALC. Nº                                  | TITLE                               |
| 01   | ISSUED FOR CONSTRUCTION | 17-NOV-23 | M.YADAV  | P.VAZE   | G.PAGANONI |              | P & ID<br>19-A-19-000-1-01-00001 sheet 111       | ISOMETRIC DRAWING                   |
| 00   | ISSUED FOR CONSTRUCTION | 16-JUN-23 | U.CHAVAN | P.VAZE   | G.PAGANONI |              | LINE LIST N°<br>19-L-19-000-2-00-80602           | LINE                                |
| REV.   | DESCRIPTION             | DATE      | DRW. BY  | CHECK BY | APPR. BY   | APPR. CLIENT | PIPE LAYOUT N°<br>19-L-19-000-2-00-86197 sheet 3 | 2"-IW-91N05-B-1                     |

CS HEAT TREATMENT (PWHT) PAINTING SCHEME (3) is shown PIPING CLASS

APPROVED FOR

**CONSTRUCTION** 

PIPE MATERIAL

PED CATEGORY

INSULATION CODE / THK. (mm)

CONTRACTOR:

ANNEX

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

DRAWING NUMBER

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

4001008 4274-XH-DL-2121IW91N05-1 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL)

AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT REPSQL Art 4.3

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

01

PROJECT:

FILENAME: 19-000-2-02-00001 sheet 2121IW91N05-1.dwg

19-000-2-02-00001 sheet 2121IW91N05-1