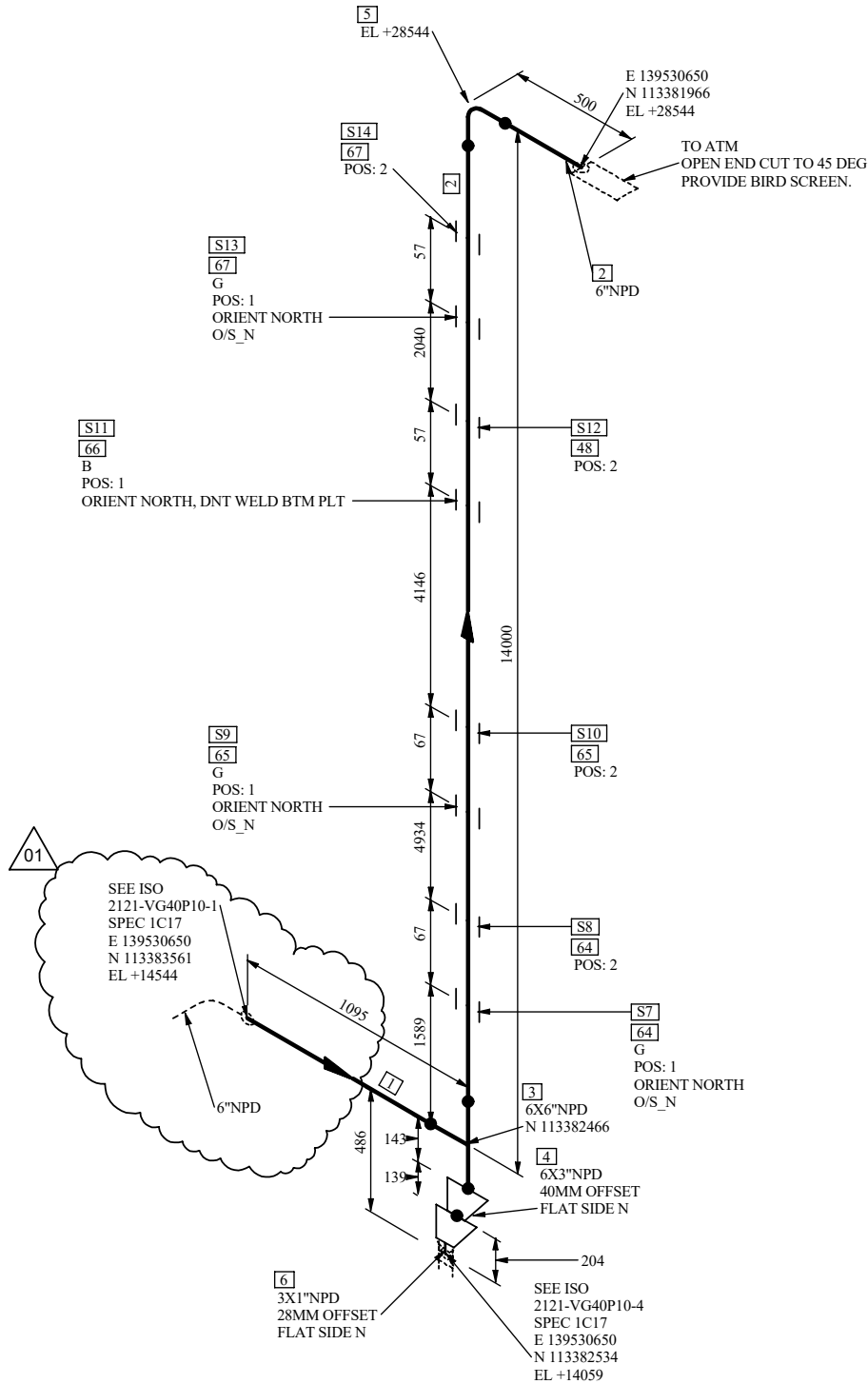


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EXTR. DATE: 02-02-2024 18:08:46

STREAM NO.: 3278

REV. CAUSE ID: 1



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° |
|------|-------------------------|-----------|---------|----------|------------|--------------|--|
| 01 | ISSUED FOR CONSTRUCTION | 05-FEB-24 | M.YADAV | P.VAZE | G.PAGANONI | | P & ID 19-A-19-000-1-01-00001 sheet 45 |
| 00 | ISSUED FOR CONSTRUCTION | 15-SEP-23 | M.YADAV | P.VAZE | G.PAGANONI | | LINE LIST N° 19-L-19-000-2-00-80602 |
| REV. | DESCRIPTION | DATE | DRW. BY | CHECK BY | APPR. BY | APPR. CLIENT | PIPE LAYOUT N° 19-L-19-000-2-00-86196 sheet 7 |

APPROVED FOR
CONSTRUCTION

Signature for construction is shown
on Iso list of relevant CWA

ISOMETRIC DRAWING
LINE

6"-VG-40P10-1C17

BILL OF MATERIAL

| PT NO | COMPONENT DESCRIPTION | N.S. (IN) | ITEM CODE | QTY | HOLD STATUS |
|---------------|---|-----------|-----------|--------|-------------|
| PIPE | | | | | |
| 1 | PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B16STD> (L-7806). | 6 | 1117981 | 1.0 M | |
| 2 | PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B16STD> (L-7806) | 6 | 1117981 | 13.9 M | |
| FITTINGS | | | | | |
| 3 | STRAIGHT TEE ASME B16.9 A234-WPB BE SMLS C31DC04V01 S-STD <TEBA200F317151715> (L-6955) | 6X6 | 1129215 | 1 | |
| 4 | ECCENTRIC REDUCER ASME B16.9 A234-WPB BE SMLS C22DC04V01 S-STD S-STD <EREA200F317151515> (L-7959) | 6X3 | 1128342 | 1 | |
| 5 | 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F36STD> (L-7955) | 6 | 1128667 | 1 | |
| 6 | ECCENTRIC SWAGE MSS SP-95 - A234-WPB BE PE SMLS SCH1-STD SCH2-XS R22FQC04VZ15 <ESWA010GR15151216> (L-ESW27) | 3X1 | 1920283 | 1 | |
| PIPE SUPPORTS | | | | | |
| 7 | WELDED GUIDE-C1G2 H = 100 L = 300 | 6 | 64 | 1 | |
| 8 | WELDED BRACKET TO STRUCT. SB35 - HEA140 | 6 | 64 | 1 | |
| 9 | WELDED GUIDE-C1G2 H = 100 L = 300 | 6 | 65 | 1 | |
| 10 | WELDED BRACKET TO STRUCT. SB35 - HEA140 | 6 | 65 | 1 | |
| 11 | WELDED ANCHOR -C1B2 H = 100 L = 120 | 6 | 66 | 1 | |
| 12 | WELDED BRACKET TO STRUCT. SB35 - HEA120 | 6 | 48 | 1 | |
| 13 | WELDED GUIDE-C1G2 H = 100 L = 300 | 6 | 67 | 1 | |
| 14 | WELDED BRACKET TO STRUCT. SB35 - HEA120 | 6 | 67 | 1 | |

PIPE MATERIAL

CS

HEAT TREATMENT (PWHT)

N

PAINTING SCHEME (3)

1

PIPING CLASS

1C17

WELDING CLASS (4)

E

PED CATEGORY

II

INSULATION CODE / THK. (mm)

N

0

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".



LOW LINEAL DENSITY POLYETHYLENE (PEL)
AND POLYPROPYLENE (PP) PLANTS
FOR PROJECT - ALBA PROJECT

CLIENT / COMPLEX
REPSOL POLYMEROS/
SINES INDUSTRIAL COMPLEX

ANNEX
19

SPEC.
L

DRAWING NUMBER
19-000-2-02-00001 sheet 2121VG40P10-3

REV.
01