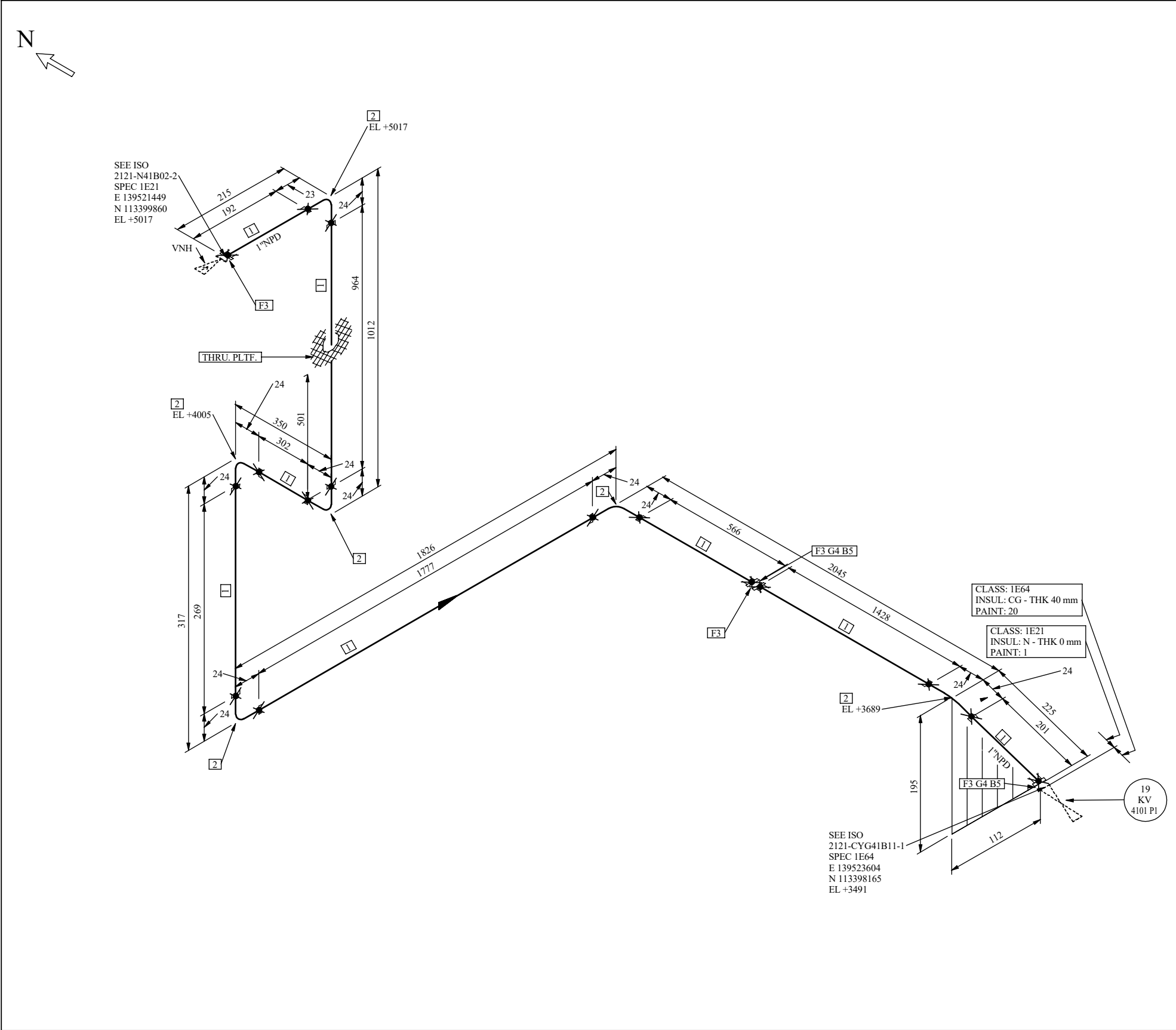






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EXTR. DATE: 22-11-2023 15:41:55

STREAM NO.:4201    STREAM REV. NO. : 10    REV. CAUSE ID: 23



| 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<br>WHERE  WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE. |          |  |
|   |                      |  |           |  |          | STRESS CALC. N°<br>-                             |
| 01  | ISSUED FOR REFERENCE |  | 24-NOV-23 | M.YADAV  | P.VAZE   | G.PAGANONI                                       |
|   |                      |  |           |  |          | P & ID<br>19-A-19-000-1-01-00001 sheet 53        |
| 00  | ISSUED FOR REFERENCE |  | 30-JUN-23 | U.CHAVAN   | P.VAZE   | G.PAGANONI                                       |
|   |                      |  |           |  |          | LINE LIST N°<br>19-L-19-000-2-00-80602           |
| REV.  | DESCRIPTION          |  | DATE      | DRW. BY  | CHECK BY | APPR. BY   |
|   |                      |  |           |  |          | APPR. CLIENT                                     |
|   |                      |  |           |  |          | PIPE LAYOUT N°<br>19-L-19-000-2-00-86197 sheet 1 |

ISSUED FOR REFERENCE

Signature for construction is shown on Iso list of relevant CWA

TITLE

ISOMETRIC DRAWING LINE

1"-N-41B02-1E21

| BILL OF MATERIAL |  |           |           |       |             |
|------------------|--|-----------|-----------|-------|-------------|
| PT NO            | COMPONENT DESCRIPTION  | N.S. (IN) | ITEM CODE | QTY   | HOLD STATUS |
| PIPE             |  |           |           |       |             |
| 1                | PIPE - A106-B PE SMLS T01AC03Z02 S-XS <PIPA010A11XS> (L-6679)  | 1         | I132793   | 5.7 M |             |
| FITTINGS         |  |           |           |       |             |
| 2                | 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD <90FA300LBK1> (L-178)  | 1         | I1651296  | 6     |             |
| FLANGES          |  |           |           |       |             |
| 3                | SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS <SWFA300R351XS> (L-375)                            | 1         | I4217823  | 4     |             |
| GASKETS          |  |           |           |       |             |
| 4                | SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 ASME B16.5 G03GFP11S12 <N/A> (N/A)                | 1         | I63508951 | 2     |             |
| BOLTS            |  |           |           |       |             |
| 5                | STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <SB2R51G5/831/4> - 2 NUTS PER BOLT - 80 mm Length | 5/8       | I53437418 | 8     |             |
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