

- NOTES:
1. ALL DIMENSIONS IN mm U.N.O.

2. ALL FLANGE BOLT HOLES TO BE 2 HOLE CENTER U.N.O.

3. SLIP-ON FLANGE SET BACK AS PER "DETAIL A".

4. ALL PIPE AND FLANGE SURFACES SHALL BE FREE FROM WELD SPATTER AND ARC STRIKES.

5. ALL WELDING SHALL BE CLEAN AND FREE OF WELDING SLAG.

6. PEENING MARKS ON WELD AND PIPE SURFACES ARE NOT ACCEPTABLE.

7. PIPE INTERNALS SHALL BE CLEANED AND SEALED I.A.W. DAVIE SHIBUILDING APPROVED METHODS.

8. REF. SHOP WPS, SM-FC-11-0001 (BUTT WELDS), & SM-FC-11-9002 (FLANGE JOINTS & SOCKET WELDS).

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MATERIAL LIST


| No. | DESCRIPTION                                    | NPS | QTY | UNIT | MATERIAL REF.    |
|-----|--|-----|-----|------|------------------|
| 1   | PIPE ASME B36.10M PE SMLS SCH80 ASTM A106 GR.B | 150 | 123 | mm   | 2639-E0006-13.28 |
| 2   | FLANGE SO ANSI B16.5 CL150 FF ASTM A105        | 150 | 1   | ea   | 2639-E0006-13.11 |
| 3   | FLANGE SO EN 1092-1 TYPE 1 FF PN16 ST 37.2     | 150 | 1   | ea   | 2639-E0006-13.8  |

PIPE CUT LIST

| No. | LENGTH | NPS | REMARKS | END PREP |
|-----|--------|-----|---------|----------|
| 1   | 123    | 150 |         | PBE      |


REVIEWED

Details of this review are as indicated in the ABS letter



REVIEWED

on behalf of the government of the vessel's registry as indicated in ABS letter



SPOOL TO BE HOT DIPPED GALVANIZED AFTER FABRICATION

|                                  |            |   |                             |                           |        |
|----------------------------------|------------|---|-----------------------------|---------------------------|--------|
|                                  |            |   |                             |                           |        |
|                                  |            |   |                             |                           |        |
|                                  |            |   |                             |                           |        |
|                                  |            |   |                             |                           |        |
| 0                                | 2022/02/28 | ISSUED FOR CONSTRUCTION                 |                             | MB                        | RS     |
| REV                              | DATE       | DESCRIPTION                             |                             | DWN                       | CHK    |
| AMS PROJECT No: 0060             |            | PID No: 6005-401-001                    | NDE SPEC: 100% VIS/10% MPI  | REF WPS: SEE NOTE 8       |        |
| CLIENT PROJECT No: 2639          |            | LINE No: N/A                            | HYDROTEST PRESSURE: 200 psi | PAINT SPEC: HDG ASTM A123 |        |
| FLUID CODE: BWS                  |            | PIPE CATEGORY: III                      | HYDROTEST MEDIUM: WATER     | INSULATION SPEC: N/A      |        |
| PIPING FABRICATION SPOOL DRAWING |            |   |                             | SIZE: A3                  |        |
| SPOOL No: 80304-SPL-0001         |            | DWG No: 2639-AMS-E06-80304-SPL-0001-001 |                             |                           | REV: 0 |