



- 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 B".
 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).

DISCLAIMER/NOTICE:
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MATERIAL LIST

No.	DESCRIPTION	NPS	QTY	UNIT	MATERIAL REF.
1	FLANGE SO EN 1092-1 TYPE 1 FF PN16 ST 37.2	125	1	ea	2639-E0006-13.7
2	REDU ECC ANSI B16.9 BW SCH80 ASTM A234 WPB	125X150	1	ea	2639-E0006-13.22
3	ELBOW 90DEG LR ANSI B16.9 BW SCH80 ASTM A234 WPB	150	1	ea	2639-E0006-13.4
4	TEE ANSI B16.9 BW SCH80 ASTM A234 WPB	150	1	ea	2639-E0006-13.25
5	FLANGE SO ANSI B16.5 CL150 FF ASTM A105	150	2	ea	2639-E0006-13.11

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	TB
REV	DATE	DESCRIPTION		DWN	CHK	APP
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-0002			DWG No: 2639-AMS-E06-80304-SPL-0002-001			REV: 0