



- 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 "DETAILS A&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)
 9. ALL MISSING MATERIAL REF. NO.S TO BE UPDATED BY CDCI IF NEEDED.

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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	100	197	mm	2639-E0006-13.26
2	PIPE ASME B36.10M PE SMLS SCH80 ASTM A106 GR.B	150	2093	mm	2639-E0006-13.28
3	FLANGE SO ANSI B16.5 CL150 FF ASTM A105	100	1	ea	2639-E0006-13.9
4	TEE ANSI B16.9 BW SCH80 ASTM A234 WPB	150x100	1	ea	
5	ELBOW 45DEG ANSI B16.9 BW SCH80 ASTM A234 WPB	150	3	ea	
6	FLANGE SO ANSI B16.5 CL150 FF ASTM A105	150	2	ea	2639-E0006-13.11

PIPE CUT LIST

No.	LENGTH	NPS	END 1 PREP	END 2 PREP	END 1 FEED	ROTATION	BEND ANGLE
1	197	100	PE	BE			
2	241	150	PE	BE			
3	235	150	BE	PE			
4	1616	150	PE	PE	360	0	45

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

MAKE UP SPOOL
SPOOL TO BE HOT DIPPED GALVANIZED AFTER FABRICATION

1	2022/03/07	RE-ISSUED FOR CONSTRUCTION	MB	RS	TB
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		
CLIENT PROJECT No: 2639		LINE No: N/A	HYDROTEST PRESSURE: 200 psi		
FLUID CODE: BLS		PIPE CATEGORY: III	HYDROTEST MEDIUM: WATER		
			INSULATION SPEC: N/A		
PIPING FABRICATION SPOOL DRAWING					SIZE: A3
SPOOL No: 81311-SPL-0003		DWG No: 2639-AMS-E06-81311-SPL-0003-001			REV: 1