



- NOTES:
- ALL DIMENSIONS IN mm U.N.O.
  - ALL FLANGE BOLT HOLES TO BE 2 HOLE CENTER U.N.O.
  - SLIP-ON FLANGE SET BACK AS PER "DETAILS A&B".
  - ALL PIPE AND FLANGE SURFACES SHALL BE FREE FROM WELD SPATTER AND ARC STRIKES.
  - ALL WELDING SHALL BE CLEAN AND FREE OF WELDING SLAG.
  - PEENING MARKS ON WELD AND PIPE SURFACES ARE NOT ACCEPTABLE.
  - PIPE INTERNALS SHALL BE CLEANED AND SEALED I.A.W. DAVIE SHIBUILDING APPROVED METHODS.
  - REF. SHOP WPS, SM-FC-11-0001 (BUTT WELDS), & SM-FC-11-9002 (FLANGE JOINTS & SOCKET WELDS).
  - ALL MISSING MATERIAL REF. NO.S TO BE UPDATED BY CDCI IF NEEDED

DISCLAIMER/NOTICE:  
ALL INFORMATION CONTAINED OR DISCLOSED IN THIS DRAWING IS CONFIDENTIAL AND PROPRIETARY, AND IS THE EXCLUSIVE PROPERTY OF ADAPTIVE MARINE SOLUTIONS INC. THIS DESIGN INFORMATION IS RESERVED FOR THE EXCLUSIVE USE OF THE CLIENT. ANY REPRODUCTION, COMMUNICATION OR DISTRIBUTION OF THIS INFORMATION IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF ADAPTIVE MARINE SOLUTIONS INC.



## MATERIAL LIST

No.	DESCRIPTION	NPS	QTY	UNIT	MATERIAL REF.
1	PIPE ASME B36.10M PE SMLS SCH80 ASTM A106 GR.B	150	726	mm	2639-E0006-13.28
2	FLANGE SO ANSI B16.5 CL150 FF ASTM A105	150	2	ea	2639-E0006-13.11
3	ELBOW 45DEG ANSI B16.9 BW SCH80 ASTM A234 WPB	150	1	ea	
4	ELBOW 90DEG LR ANSI B16.9 BW SCH80 ASTM A234 WPB	150	2	ea	2639-E0006-13.4

## PIPE CUT LIST

No.	LENGTH	NPS	REMARKS	END PREP
1	132	150		BBE
2	388	150		PE/BE
3	206	150		PE/BE

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:	BWS	PIPE CATEGORY:	III	HYDROTEST MEDIUM:	WATER
PIPING FABRICATION SPOOL DRAWING				INSULATION SPEC:	N/A
SPOOL No: 80304-SPL-0003				DWG No: 2639-AMS-E06-80304-SPL-0003-001	REV: 1