



- 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 "DETAIL A".
 - 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).

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	100	649	mm	2639-E0006-13.26
2	FLANGE SO EN 1092-1 TYPE 1 FF PN16 ST 37.2	100	1	ea	2639-E0006-13.6
3	ELBOW 90DEG LR ANSI B16.9 BW SCH80 ASTM A234 WPB	100	2	ea	2639-E0006-13.2
4	FLANGE SO ANSI B16.5 CL150 FF ASTM A105	100	1	ea	2639-E0006-13.9

PIPE CUT LIST				
No.	LENGTH	NPS	REMARKS	END PREP
1	218	100		PE/BE
2	69	100		BBE
3	362	100		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

SPOOL TO BE HOT DIPPED GALVANIZED AFTER FABRICATION

1	2022/03/07	RE-ISSUED FOR CONSTRUCTION	JD	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	REF WPS: SEE NOTE 8
CLIENT PROJECT No: 2639	LINE No: N/A	HYDROTEST PRESSURE: 200 psi	PAINT SPEC: HDG ASTM A123
FLUID CODE: BLS	PIPE CATEGORY: III	HYDROTEST MEDIUM: WATER	INSULATION SPEC: N/A

PIPING FABRICATION SPOOL DRAWING

SPOOL No:
81311-SPL-0002

DWG No:
2639-AMS-E06-81311-SPL-0002-001

REV:
1

SIZE:
A3