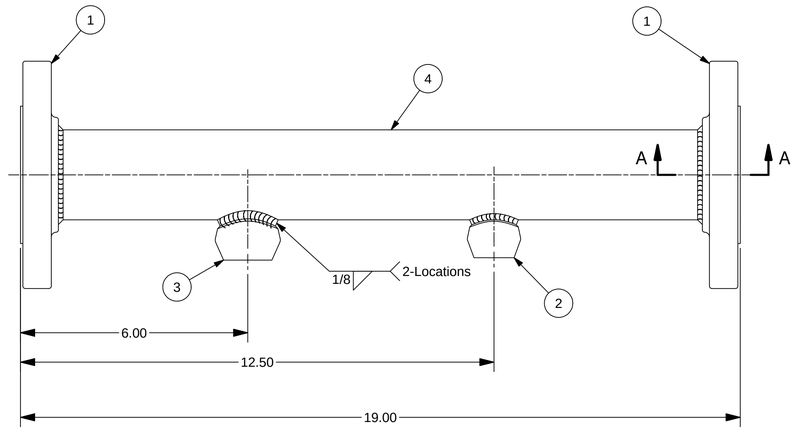

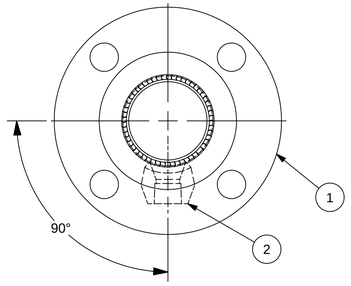

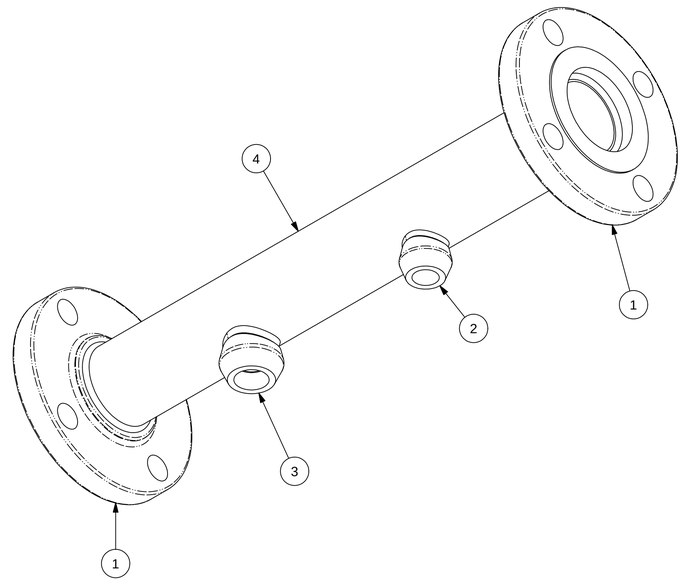

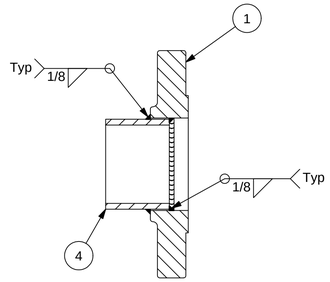

SECTION A-A

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	THICKNESS	LENGTH	WIDTH
4	1		PIPE	2" - Sch40 CS PIPE SEAMLESS		18.00 in	
3	1		2" x 3/4" THREADOLET	THREADOLET 3000# - CS			
2	1		2"x1/2" THREADOLET	THREADOLET 3000# - CS			
1	2		2" x 150# SLIP-ON FLANGE	SLIP-ON FLANGE CS			

BILL OF MATERIAL

NOTES:
1. WELD CONNECTIONS: VISUALLY INSPECT ALL WELD CONNECTIONS.
2. WELDS ARE TO BE 1/16" LESS THAN THE MINIMUM THICKNESS OF MATERIAL WHERE NOT SPECIFICALLY CALLED OUT OR NOTED OTHERWISE. ALL WELDING SHALL CONFORM TO THE AMERICAN WELDING SOCIETY CODE D1.1. ALSO ASME/ANSI B16 STANDARDS FOR PIPES & FITTINGS AND FOLLOW THE PROPER WPS POSTED IN WORK AREA.
3. ALL MATERIAL FOR CARBON STEEL TUBING SHALL BE ASTM A554, WELDED ASTM A249, SEAMLESS ASTM A269, PIPE ASTM A312 UNLESS OTHERWISE STATED.
4. DO NOT PAINT INTERNALLY OR EXTERNALLY THREADED PARTS OR PARTS WITH FINISHED SURFACES THAT HAVE BEEN MACHINED FOR TIGHT TOLERANCE FITUP.
5. PAINT FINISH:
   SEE GENERAL ARRANGEMENT DRAWING AND OR WORK ORDER FOR PAINT TYPE AND COLOR

REV	DESCRIPTION	AUTHOR	DATE	CHECKED B	QA/QC
0	ISSUED FOR FABRICATION	S. Boerckel	1/25/2011	T. KOONTZ	B. MADDUX

REVISION HISTORY

© COPYRIGHT, 2009, PRO STEEL MANUFACTURING ALL RIGHTS RESERVED. THIS DRAWING IS THE PROPRIETARY AND/OR CONFIDENTIAL PROPERTY OF PRO STEEL MANUFACTURING AND IS LOANED IN STRICT CONFIDENCE WITH THE UNDERSTANDING THAT IT WILL NOT BE REPRODUCED NOR USED FOR ANY PURPOSE EXCEPT THAT FOR WHICH IT IS LOANED. IT SHALL BE IMMEDIATELY RETURNED ON DEMAND, AND IS SUBJECT TO ALL OTHER TERMS AND CONDITIONS OF ANY WRITTEN AGREEMENT OR PURCHASE ORDER WHICH INCORPORATES OR RELATES TO THIS DRAWING.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON DECIMALS

X.X	± 0.10
X.XX	± 0.06
X.XXX	± 0.03
HOLE DIA	± 0.03
ANGLES	± 0.50°
SURFACE	HFS-SF
SQUARENESS	± 0.06

DO NOT SCALE DRAWING

DRAWN	S. Boerckel	1/25/2011
CHECKED	T. KOONTZ	2/3/2011
QA	B. MADDUX	2/3/2011
REVIEWER		
PROJECT NO	409-2956-1	
CUSTOMER	EDC - MARGARITA ISLAND	
JOB NO		

ProEnergy SERVICES.
2201 ProEnergy Blvd
SEDALIA, MISSOURI 65301 USA
PHONE: 1-660-829-5100
FAX: 1-660-829-1160

TITLE
RECIRCULATION SPOOL WELDMENT
LIQUID FUEL FORWARDING SKID - 7EA

SIZE	ML:	DWG NO	REV
D		409-2956-LFF7EA-0750-1	0

SCALE: 1/2"=1" WEIGHT: 16 lbmass SHEET 1

ProEnergy SERVICES
Document Control
Feb 04, 2011