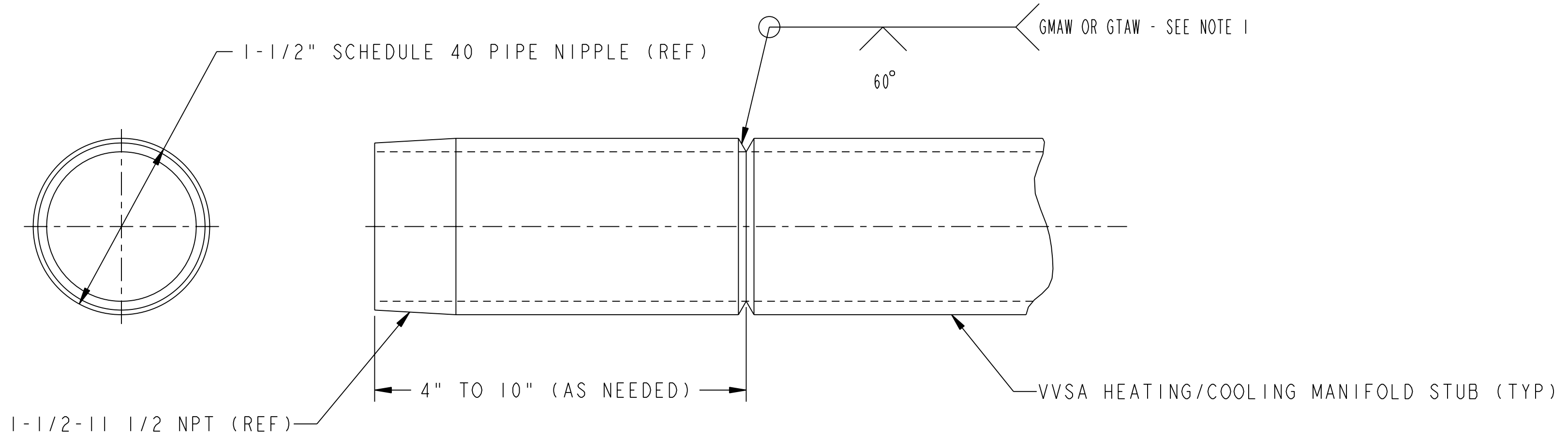


NO.	REVISION	BY	CH	SUP	APPROVED	DATE



NOTES

1. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF ASME B31.3 AND/OR PPPL PROCEDURE ENG-037. VISUAL WELD INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ACCEPTANCE CRITERIA OF ASME B31.3 CATEGORY D.

**RELEASED FOR
FABRICATION / INSTALLATION**
PPPL Drafting:

1	SC123-173	MANIFOLD FLOW TEST CONNECTING PIPE	304L ST STL	A/R															
ITEM NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY REQD															
PARTS LIST																			
COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY NATIONAL COMPACT STELLARATOR EXPERIMENT VACUUM VESSEL ASSEMBLY VACUUM VESSEL HEATING AND COOLING DISTRIBUTION SYSTEM VVSA MANIFOLD FLOW TEST CONNECTING PIPE WELDMENT																	
Pro E	DIMENSIONS ARE IN INCHES MACHINE SURFACES $\sqrt{125}$																		
DO NOT VERIFY INFORMATION BY SCALING DRAWING	BREAK SHARP EDGES .005/.020																		
	TOLERANCES NON-CUMULATIVE	DIV: MECH. ENG.	DATE: 12-19-07																
<u>NEXT ASSEMBLY</u>	DECIMAL - INCH	ENG: M. VIOLA	APPROVED	SC123-173															
	<table border="0" style="width: 100%;"> <tr> <td style="width: 25%;">.X</td><td style="width: 25%;">.100</td><td style="width: 25%;">0"-12"</td><td style="width: 25%;">1/16</td></tr> <tr> <td>.XX</td><td>.030</td><td>12"-72"</td><td>1/8</td></tr> <tr> <td>.XXX</td><td>.005</td><td>72"-120"</td><td>1/4</td></tr> <tr> <td>ANGULAR</td><td>10°-15'</td><td>OVER 120"</td><td>1/2</td></tr> </table>	.X	.100		0"-12"	1/16	.XX	.030	12"-72"	1/8	.XXX	.005	72"-120"	1/4	ANGULAR	10°-15'	OVER 120"	1/2	DSN: L. MORRIS
.X	.100	0"-12"	1/16																
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ANGULAR	10°-15'	OVER 120"	1/2																
		CHK: M. VIOLA	CHK MV SUPV JS	SHEET 1 OF 1 REV 0															

RELEASE LEVEL: FABRICATION
DWG VERSION NO: 0

WELDING ENGINEER
 APPVD: L. DUDEK DATE 12-20-07