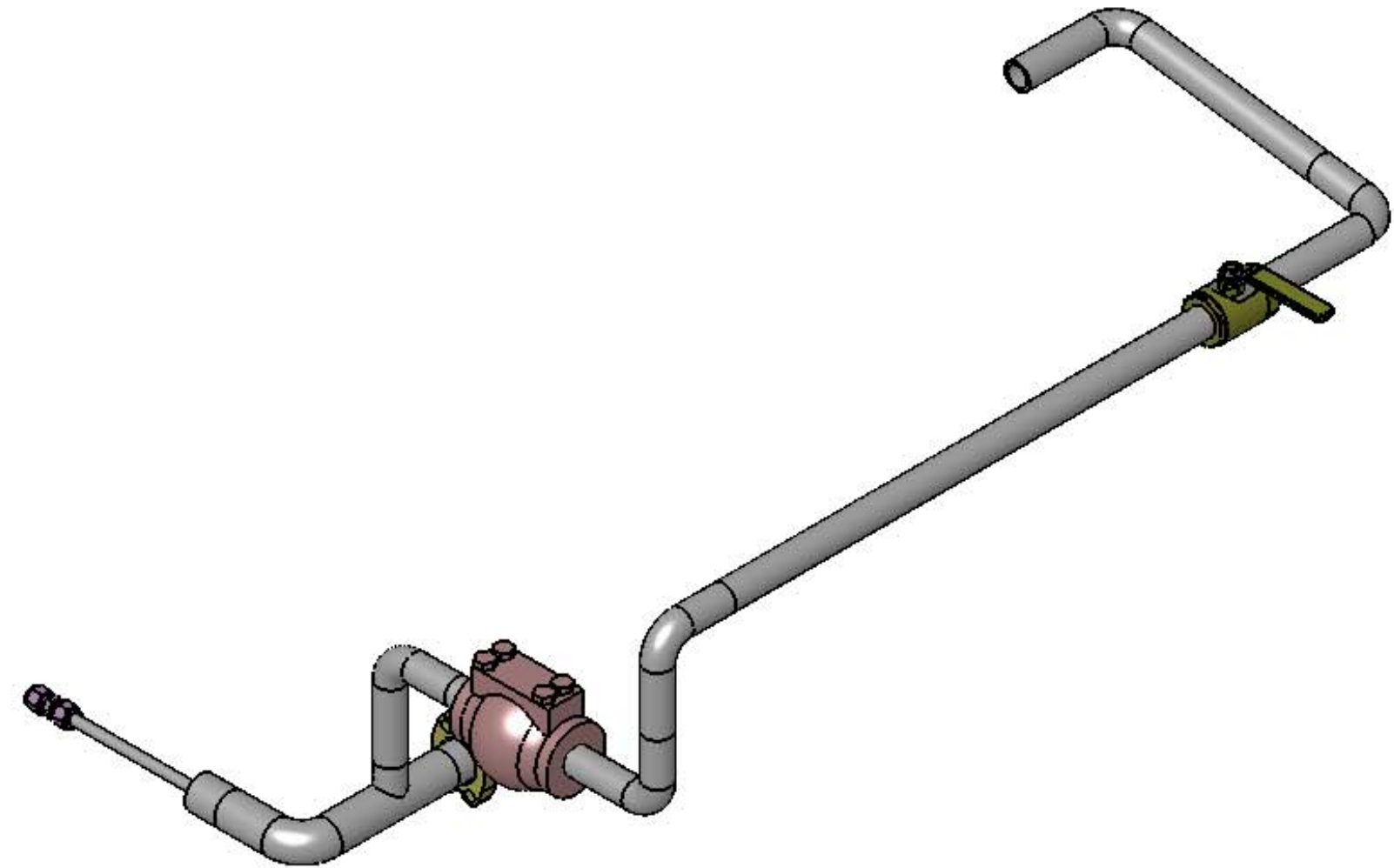


NOTES

1. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH ASME SECTION IX. NO CODE STAMP REQUIRED.
2. ALL WELDS SHALL BE DYE PENETRANT INSPECTED. NO RADIOGRAPHY REQUIRED.
3. DIMENSIONS SHOWN ARE APPROXIMATE. FIELD MEASUREMENT REQUIRED.
4. MATERIAL CERTIFICATIONS REQUIRED.
5. PIPING TO BE PRESSURE TESTED TO 2250 PSIG WITHOUT MANUAL VALVE.

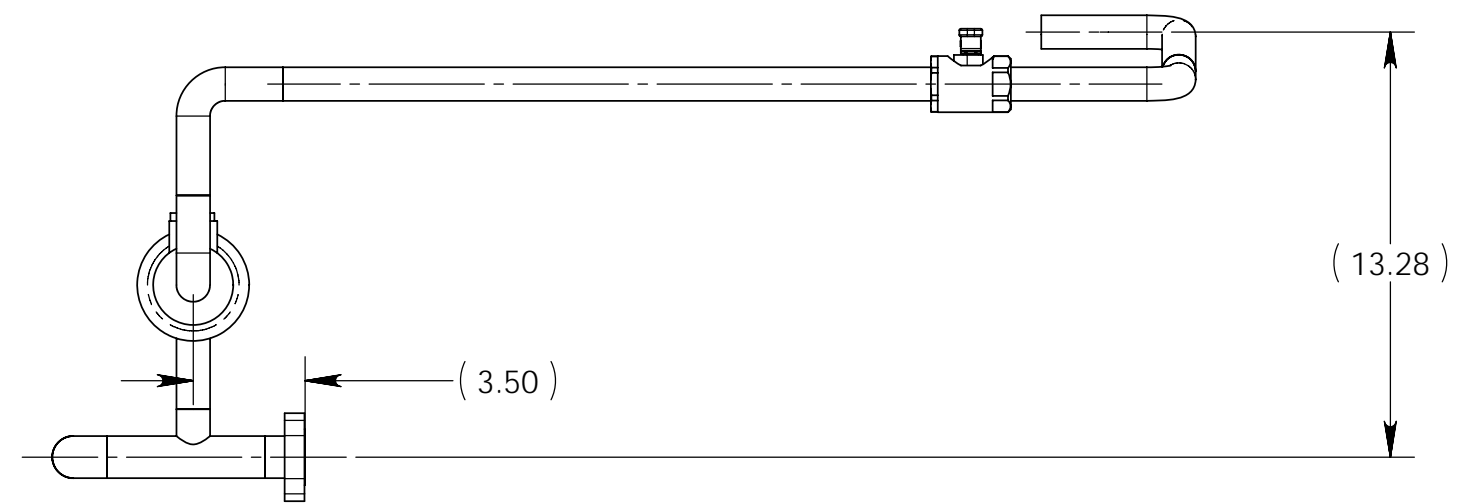
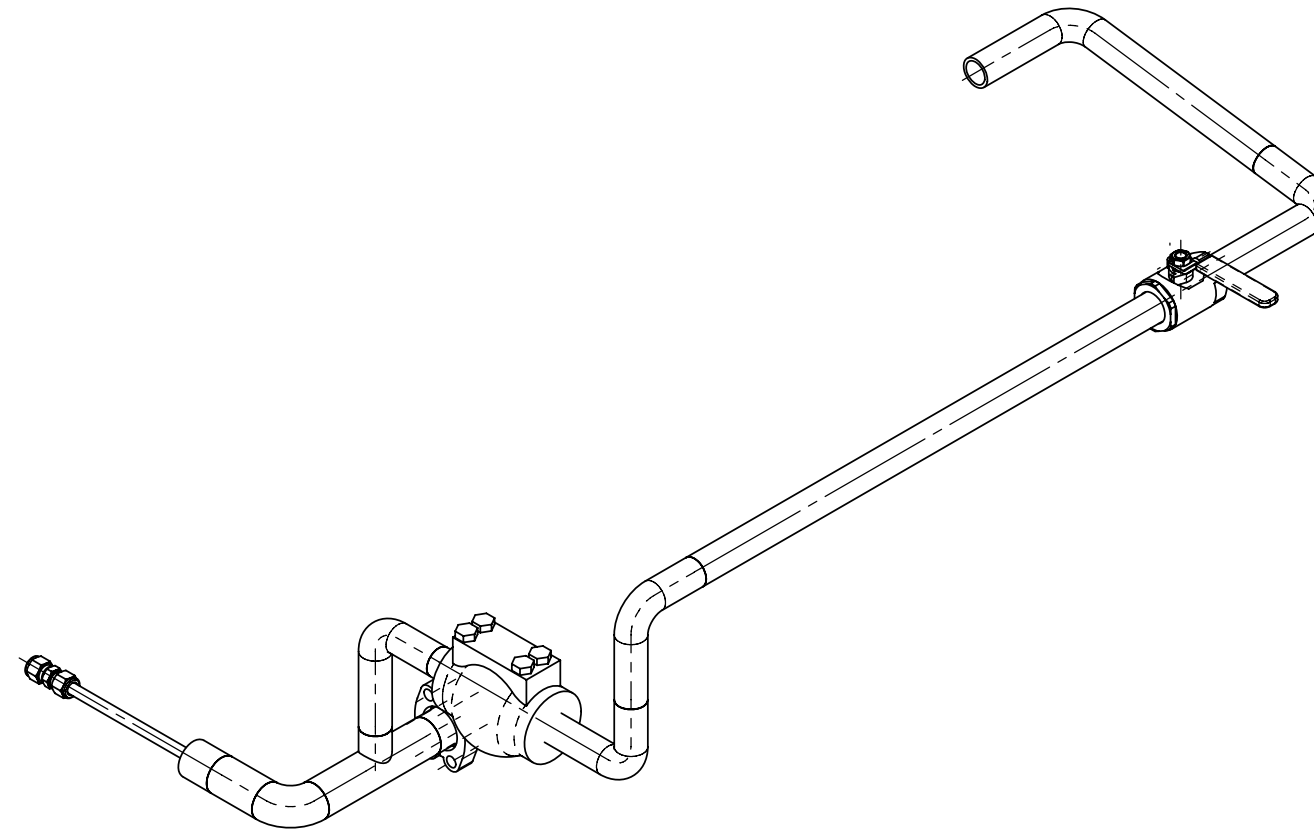
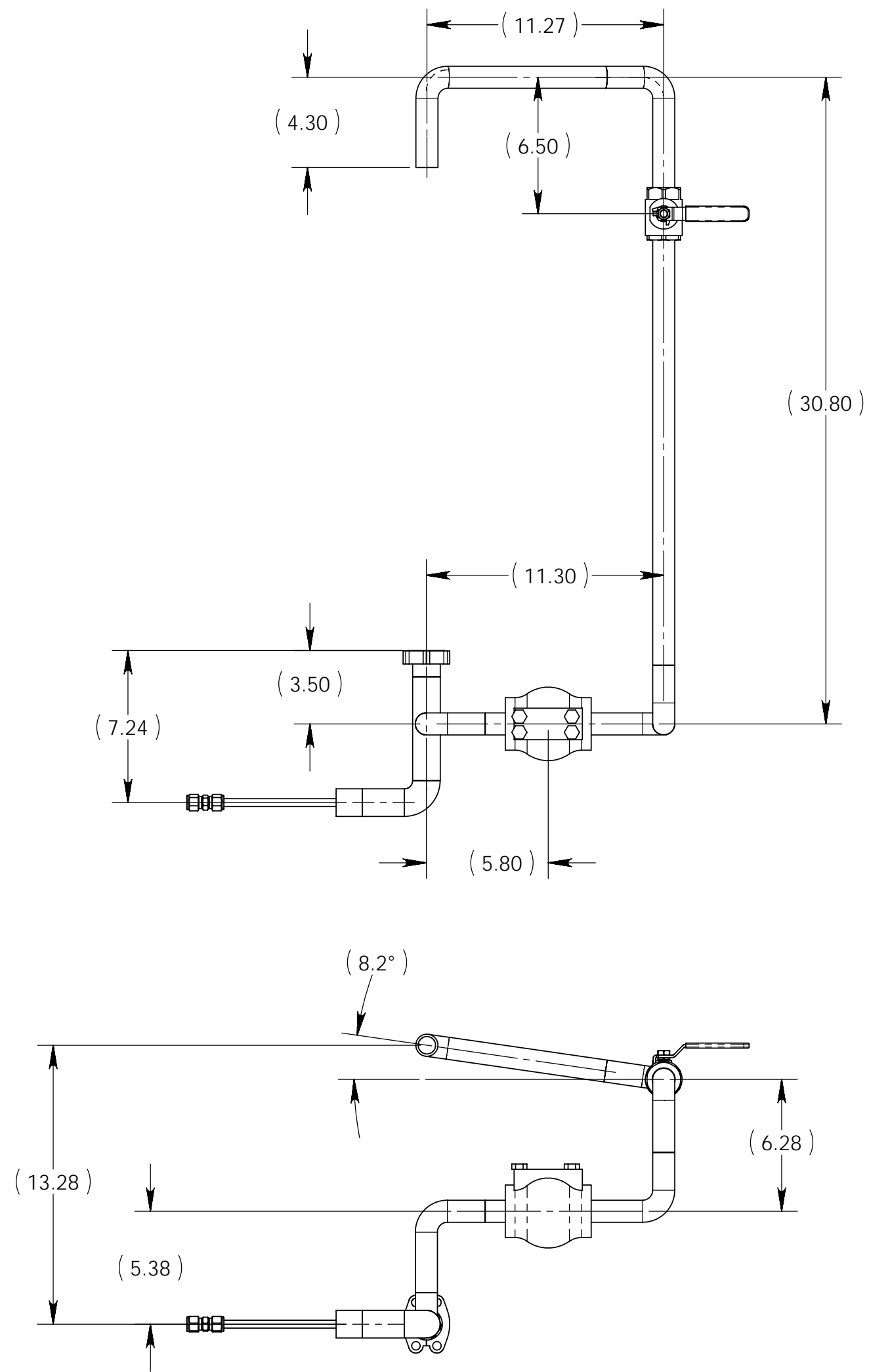


ITEM	QTY.	NAME	MATERIAL	DESCRIPTION	DWG
4	1	ballvalve hjt	SS - 304/316	BALL VALVE, SS, 0.75IN. BUTT OR SOCKET WELD, 600 PSI	N/A
3	1	swagelok 0.375 union	SS - 316	SWAGELOK UNION SS-600-6	N/A
2	1	checkvalve hjt	---	WARREN CLASS 1500 SWING CHECK VALVE 1503HF, 3/4 INCH SOCKET WELD	N/A
1	1	hg inlet piping hjt	SS - 304L, ASTM A269	PIPE, 3/4" AND 1" SCH 40	N/A

<p>THIRD-ANGLE PROJECTION</p> <p>UNLESS OTHERWISE NOTED</p> <p>1. ALL DIMENSIONS ARE IN INCHES</p> <p>2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M</p> <p>3. MACHINED FINISH 125 MICRO-INCHES RMS</p> <p>4. CONCENTRICITY .010 TIR</p> <p>5. MACHINED ANGLES ±1/2°</p> <p>6. FORMED ANGLES ±1°</p> <p>7. BREAK SHARP CORNERS AND REMOVE ALL BURRS</p> <p>8. X DECIMALS ±.030</p> <p>9. XX DECIMALS ±.010</p> <p>10. XXX DECIMALS ±.005</p>	<p>This drawing was prepared by ORNL solely for use in work performed under Department of Energy contract number DE-AC05-00OR22725 and applicable Work for Others Agreements and Cooperative Research and Development Agreements. This drawing is property of ORNL and must be returned upon request.</p>			<p><b>OAK RIDGE NATIONAL LABORATORY</b> operated for the U.S. Department of Energy under contract DE-AC05-00OR22725 Oak Ridge, TN</p>	
	<p>DES V GRAVES 01/12/2006</p> <p>DRW T OQUIN 01/12/2006</p> <p>CHK P SPAMPINATO 01/31/2006</p> <p>ENG V GRAVES 01/12/2006</p> <p>QA</p>			<p><b>REMOTE SYSTEMS GROUP</b> NUCLEAR SCIENCE &amp; TECHNOLOGY DIVISION</p>	
<p><b>MERIT EXPERIMENT</b> <b>HG SYRINGE ASSY</b> <b>HG INLET ASSY</b></p>					
<p>CAD FILE HG INLET ASSY HJT</p>		<p>PREV ASSY 203-HJT-0600</p>		<p>SCALE 1:5</p>	<p>SHEET 1 of 2</p>
<p>SIZE C</p>		<p>DWG NO. 203-HJT-0680</p>		<p>REV 0</p>	
<p>DRAWING APPROVALS</p>			<p>DATE</p>		

NOTES

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