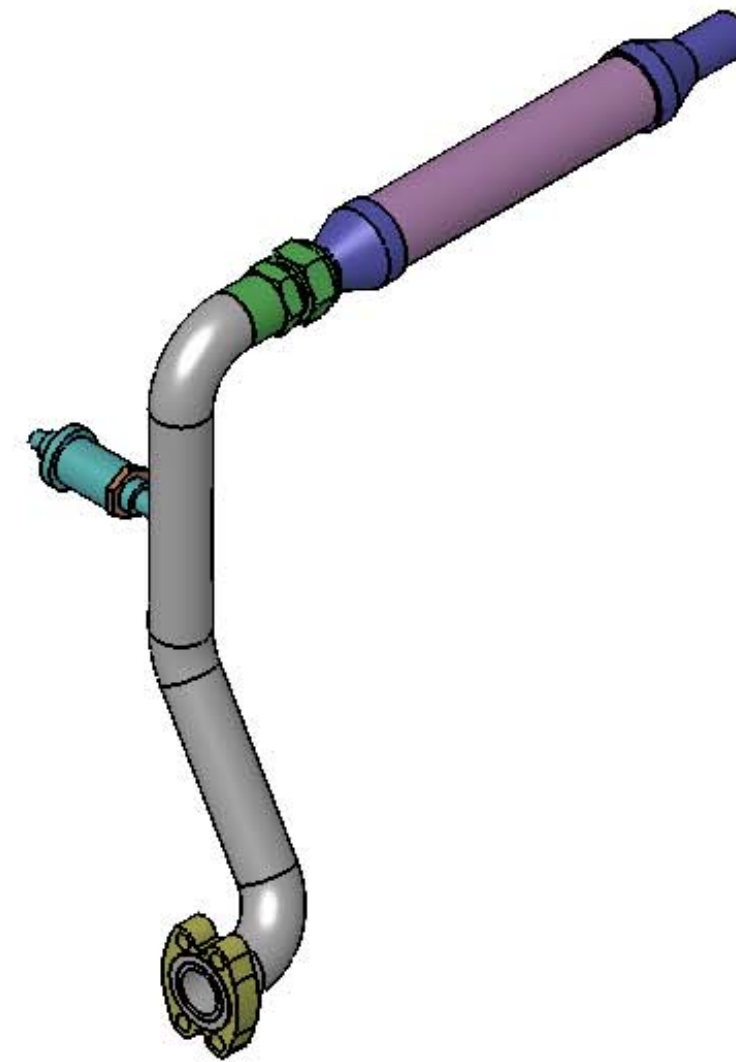
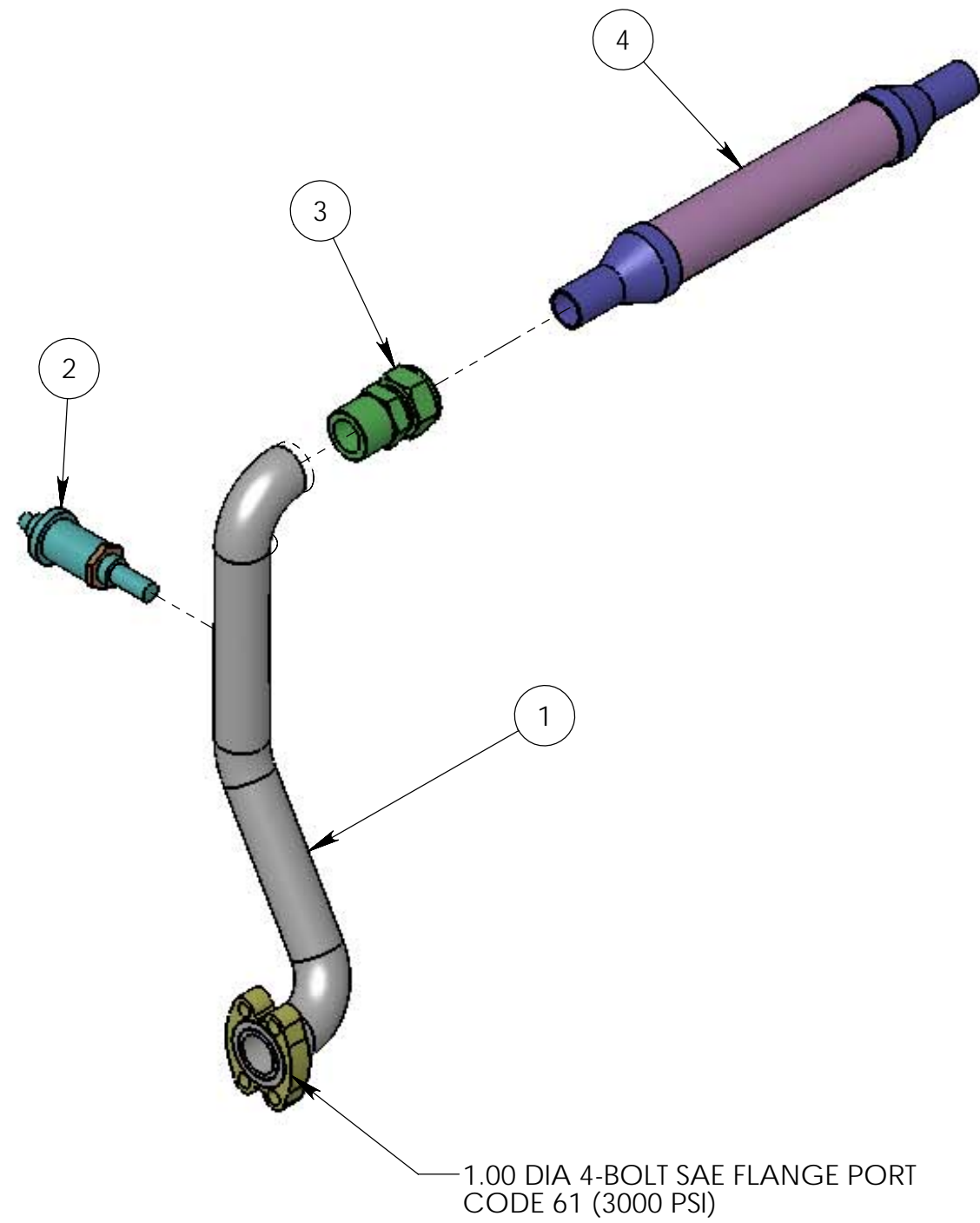
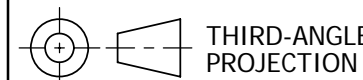


NOTES

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. MATERIAL CERTIFICATIONS REQUIRED.
4. PIPING ASSEMBLY TO BE PRESSURE TESTED TO 2250 PSIG.
5. THREADED CONNECTION NOT ALLOWED FOR TRANSDUCER.



ITEM	Default/ QTY.	NAME	MATERIAL	DESCRIPTION	DWG
4	1	flex hose hjt	PTFE/SS-304	SWAGelok 1" 8R HOSE W/TUBING ENDS, 13.5 FACE-TO-FACE	N/A
3	1	swagelok 1.0 pipe weld connector	SS - 316L	SWAGelok PIPE WELD CONNECTOR, SS-1610-1-16W	N/A
2	1	pressure transducer hjt	---	VAC/2000PSI TRANSDUCER, 4-20MA	N/A
1	1	hg cyl discharge tube hjt	SS - 304L, ASTM A279	PIPE, 1" SCH 40	N/A



THIRD-ANGLE PROJECTION

UNLESS OTHERWISE NOTED

1. ALL DIMENSIONS ARE IN INCHES
2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M
3. MACHINED FINISH 125 MICRO-INCHES RMS
4. CONCENTRICITY ± 0.10 TR
5. MACHINED ANGLES $\pm 1/2^\circ$
6. BREAK SHARP CORNERS AND REMOVE ALL BURRS
7. HOLE NUMBERS AND FRACTIONS $\pm 1/16$
8. XX DECIMALS ± 0.030
9. XXX DECIMALS ± 0.010
10. XXXX DECIMALS ± 0.005

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.



OAK RIDGE NATIONAL LABORATORY
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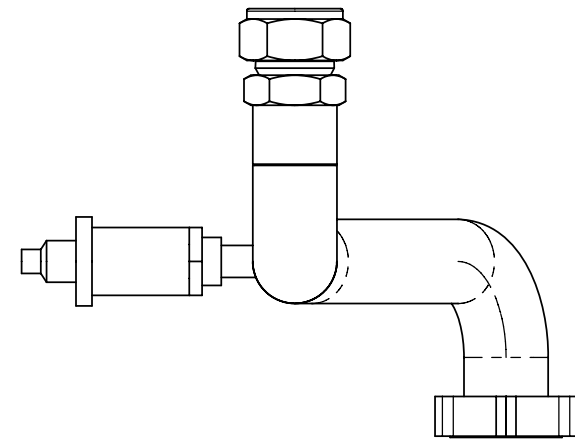


REMOTE SYSTEMS GROUP
NUCLEAR SCIENCE & TECHNOLOGY DIVISION

DES	V GRAVES	09/26/2005
DRW	T OQUIN	09/26/2005
CHK	P SPAMPINATO	01/31/2006
ENG	V GRAVES	09/26/2005
QA		
-	-	-

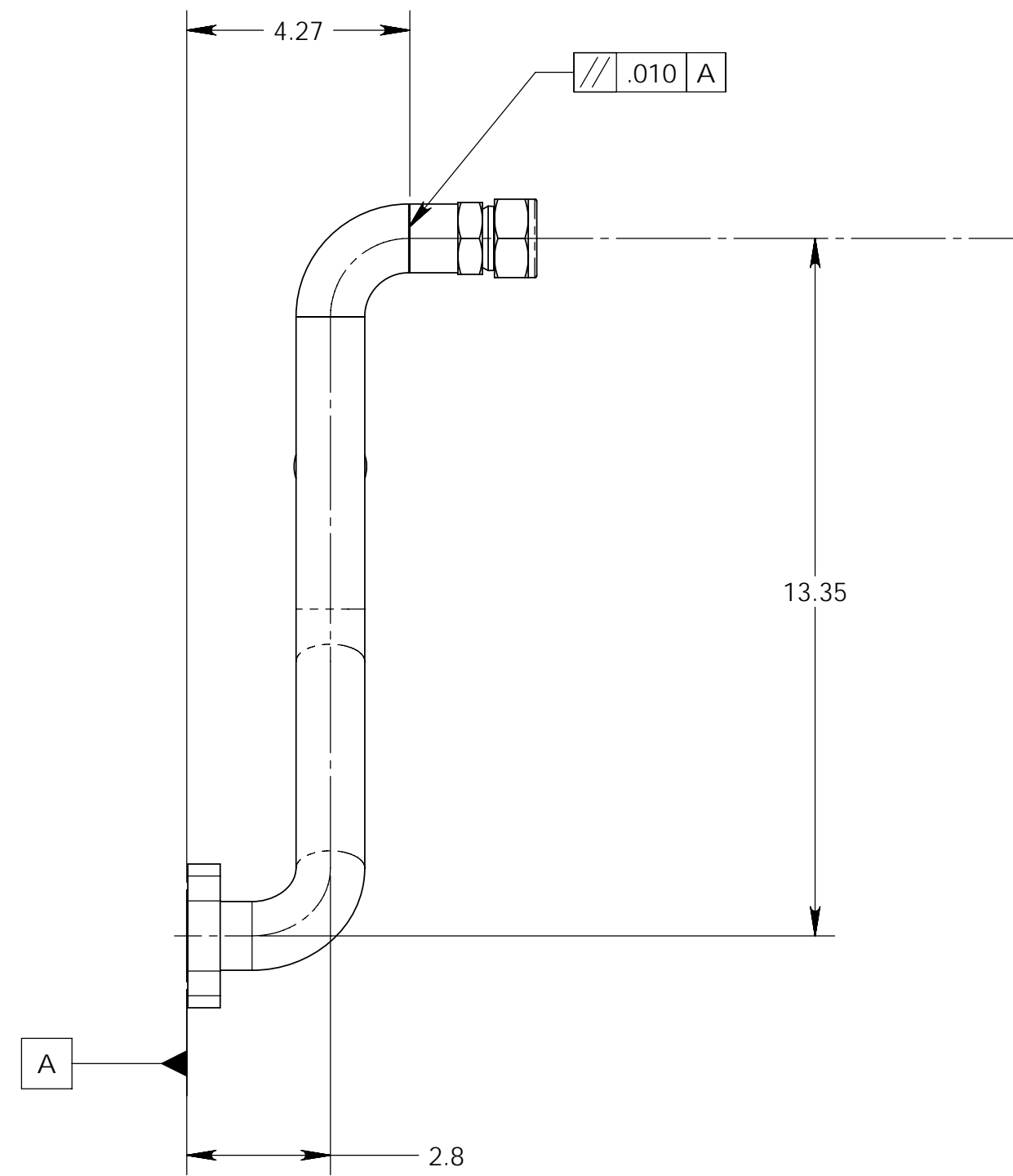
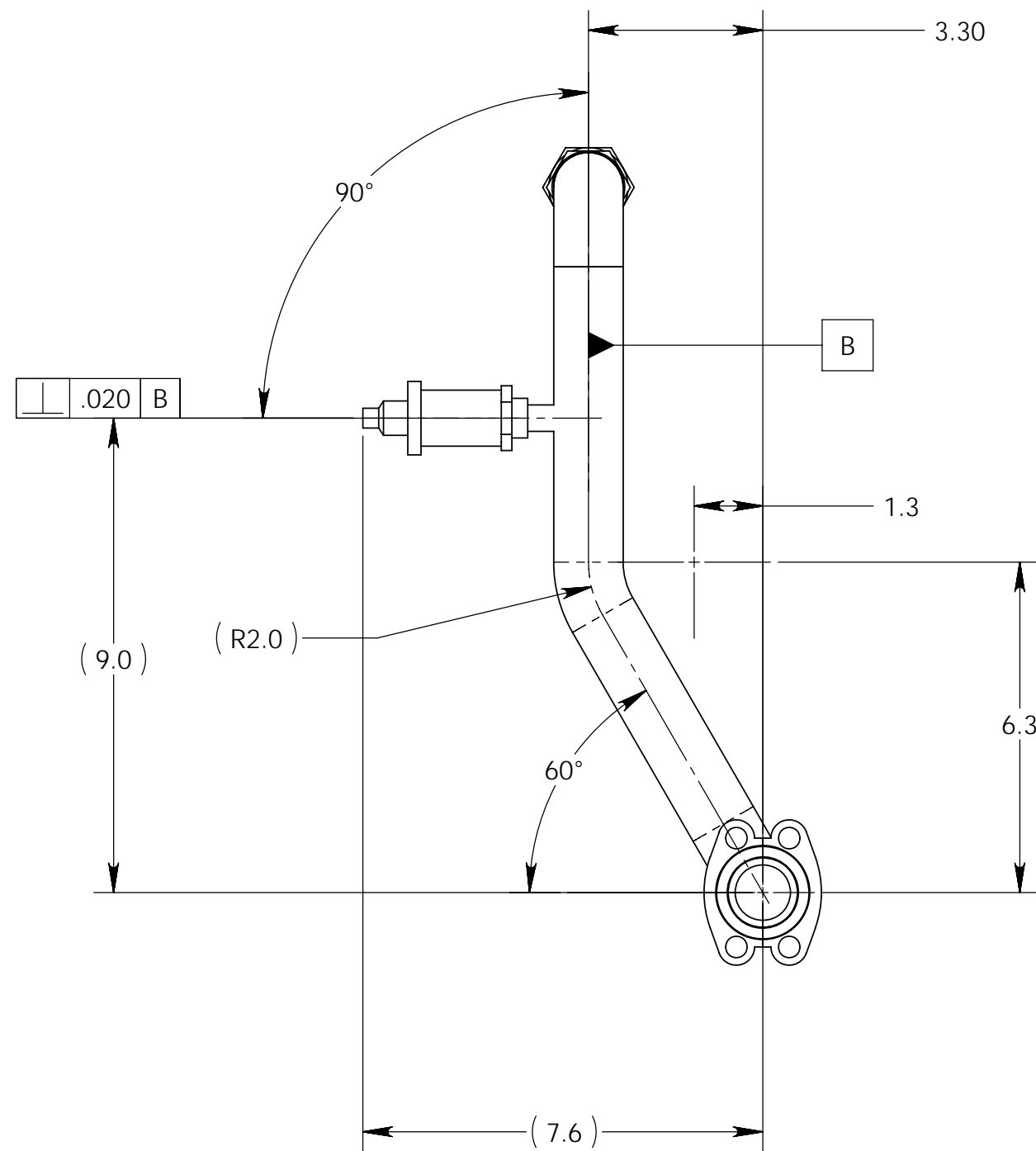
CAD FILE	PREV ASSY	SCALE	SHEET
HG DISCHARGE ASSY HJT	203-HJT-0600	1:4	1 of 2
SIZE	DWG NO.	REV	
C	203-HJT-0670	0	

DRAWING APPROVALS DATE



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.
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4. PIPING ASSEMBLY TO BE PRESSURE TESTED TO 2250 PSIG.



<p>THIRD-ANGLE PROJECTION</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>OAK RIDGE NATIONAL LABORATORY operated for the U.S. Department of Energy under contract DE-AC05-00OR22725 Oak Ridge, TN</p>	
	UNLESS OTHERWISE NOTED 1. ALL DIMENSIONS ARE IN INCHES 2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M 3. MACHINED FINISH 125 MICRO-INCHES RMS 4. CONCENTRICITY .010 TIR 5. MACHINED ANGLES ±1/2° 6. BREAK SHARP CORNERS AND REMOVE ALL BURRS 7. WHOLE NUMBERS AND FRACTIONS ±1/16 8. X DECIMALS ±.030 9. XX DECIMALS ±.010 10. XXX DECIMALS ±.005			<p>REMOTE SYSTEMS GROUP NUCLEAR SCIENCE & TECHNOLOGY DIVISION</p>	
DES V GRAVES 09/26/2005 DRW T OQUIN 09/26/2005 CHK P SPAMPINATO 01/31/2006 ENG V GRAVES 09/26/2005 QA			<p align="center">MERIT EXPERIMENT SYRINGE DISCHARGE ASSY</p>		
CAD FILE HG DISCHARGE ASSY HJT SIZE DWG NO.		PREV ASSY 203-HJT-0600 SCALE 1:3 SHEET 2 of 2		REV 0	
DRAWING APPROVALS		DATE		C 203-HJT-0670	