

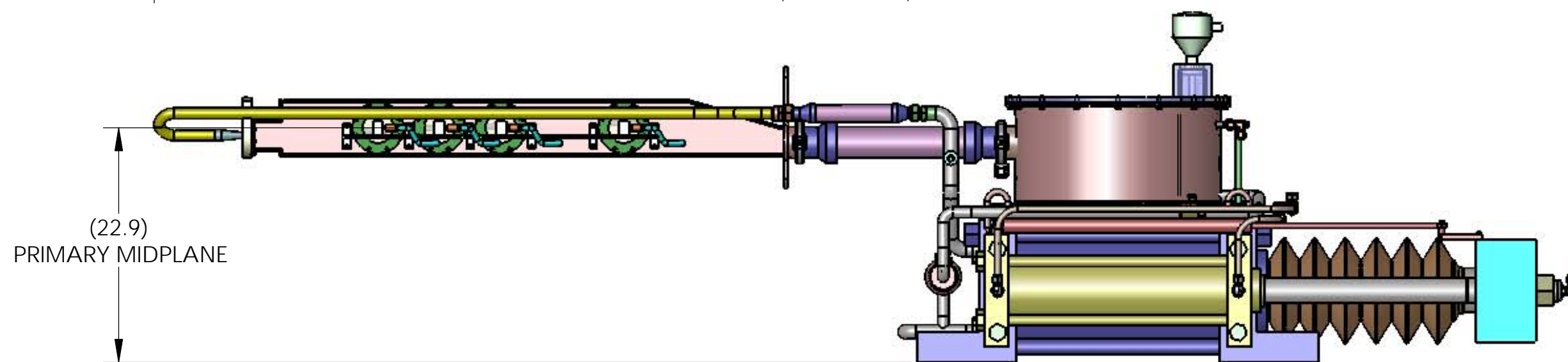
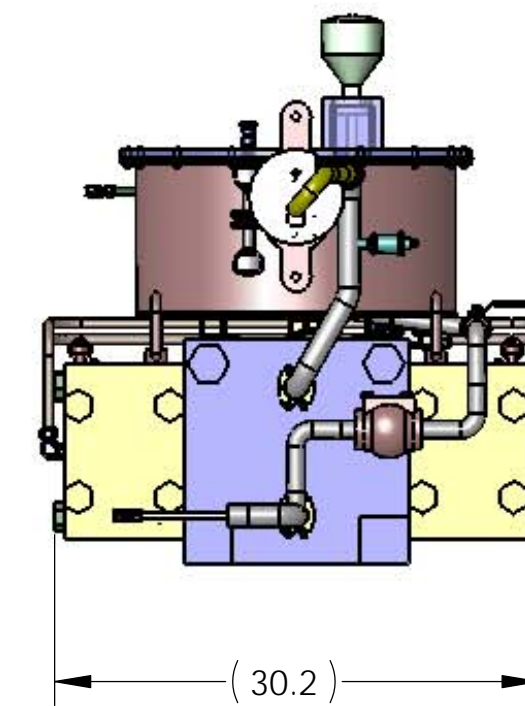
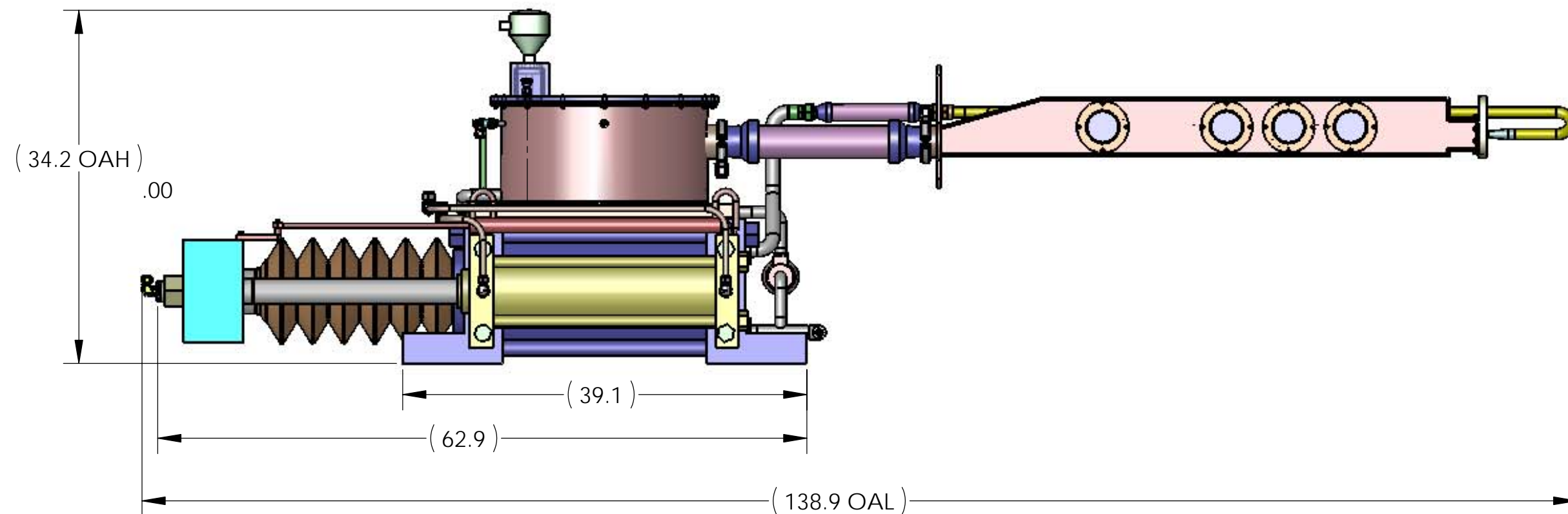
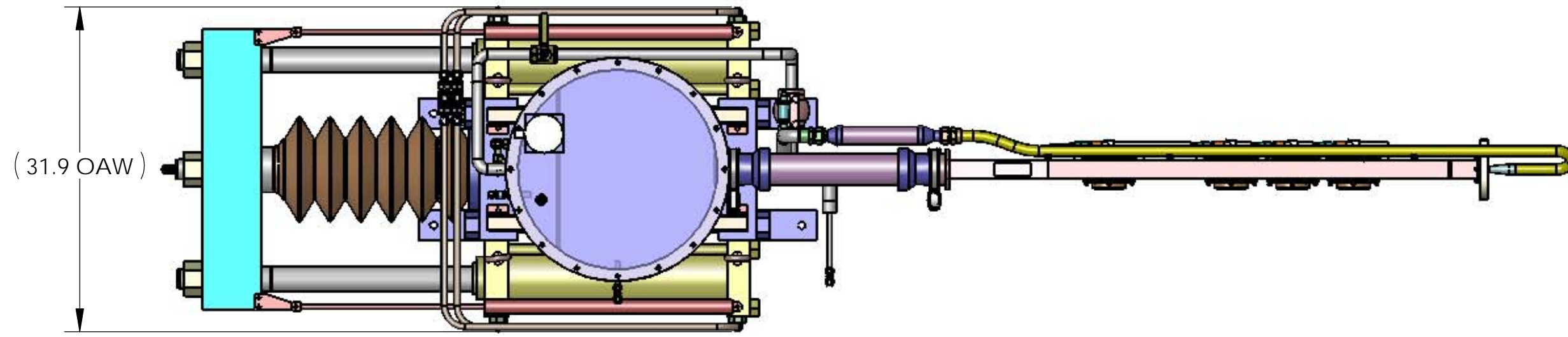
NOT FOR CONSTRUCTION

ESTIMATED WEIGHT (WITHOUT HG) 1930 LBS

ITEM	Default/QTY.	NAME	MATERIAL	DESCRIPTION	DWG
6	1	hg cylinder vent tube	SS - 304L, ASTM A-269	RIGID TUBING, 0.38 OD X 0.065 WALL, FIELD FIT	N/A
5	1	hg inlet assy hjt	---	HG SYRINGE INLET PIPING	203-HJT-0680
4	1	hg discharge assy hjt	---	HG SYRINGE DISCHARGE PIPING	203-HJT-0670
3	1	sump tank assy hjt	---	HG SUMP TANK ASSY	203-HJT-0640
2	1	pri tube assy hjt	---	PRIMARY HG TUBE ASSY	203-HJT-0610
1	1	syringe cylinder assy hjt	---	PROVIDED BY AIRLINE HYDRAULICS	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° FORMED ANGLES ±1°</p> <p>6. BREAK SHARP CORNERS AND REMOVE ALL BURRS</p> <p>7. WHOLE NUMBERS AND FRACTIONS ±1/16</p> <p>8. X DECIMALS ±.030</p> <p>9. XX DECIMALS ±.010</p> <p>10. XXX DECIMALS ±.005</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><b>OAK RIDGE NATIONAL LABORATORY</b> operated for the U.S. Department of Energy under contract DE-AC05-00OR22725 Oak Ridge, TN</p>			
	<p><b>REMOTE SYSTEMS GROUP</b> NUCLEAR SCIENCE &amp; TECHNOLOGY DIVISION</p>		<p><b>MERIT EXPERIMENT</b> <b>HG DELIVERY SYSTEM</b> <b>PRIMARY CONTAINMENT ASSY</b></p>			
DES	V GRAVES	06/04/2005	CAD FILE	PREV ASSY	SCALE	SHEET
DRW	T OQUIN	06/04/2005	HG SYRINGE HJT	203-HJT-0500	1:12	1 of 2
CHK			SIZE	DWG NO.		REV
ENG	V GRAVES	06/04/2005	C	203-HJT-0600		B
QA			DRAWING APPROVALS		DATE	

NOTE: SYRINGE STROKE 15 INCH



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DES	V GRAVES	06/04/2005	<p align="center"><b>MERIT EXPERIMENT HG DELIVERY SYSTEM PRIMARY CONTAINMENT ASSY</b></p>			
DRW	T OQUIN	06/04/2005				
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			HG SYRINGE HJT	203-HJT-0500	1:12	2 of 2
			SIZE	DWG NO.		REV
			C	203-HJT-0600		A
DRAWING APPROVALS		DATE				