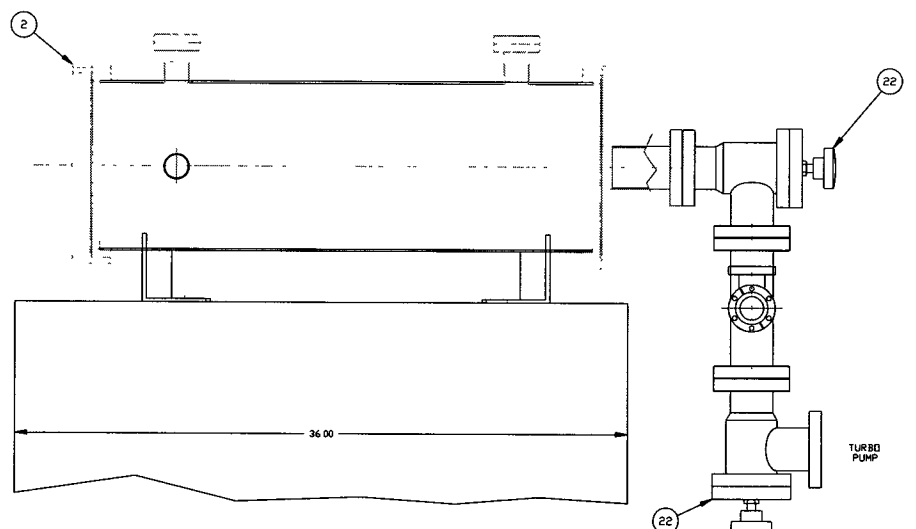
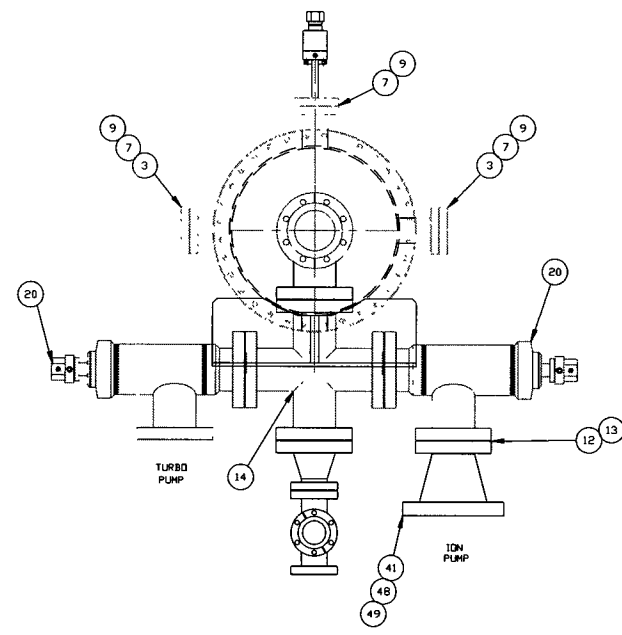
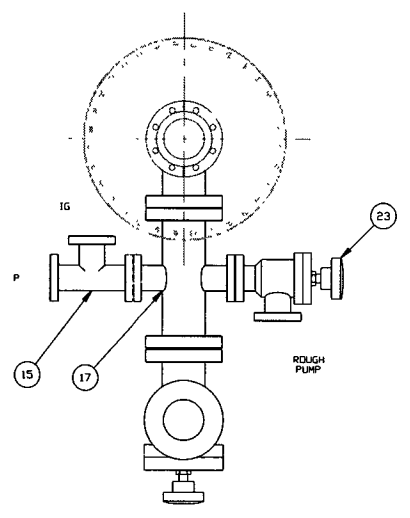


TEST CHAMBER PUMPING SPEED/OUTGASSING



TEST CHAMBER BAKEOUT



**ELECTRONIC COPY**

- NOTE**
1. ALL PARTS WILL BE USED IN ULTRA HIGH VACUUM SERVICE. SEE SPECIFICATION V049-2-040 FOR MATERIAL REQUIREMENTS.
  2. ALL MATERIAL TO BE 304L STAINLESS STEEL.
  3. ALL PARTS MUST BE PACKAGED, HANDLED, AND SHIPPED IN SUCH A MANNER AS TO MAINTAIN SPECIFIED SURFACE FINISHES AND FLATNESS TOLERANCES.
  4. MACHINE TOOL LAY TO BE CONCENTRIC ON ALL SURFACES THAT REQUIRE A 32 RMS FINISH.
  5. NO ABRASIVE STONES, CLOTHS OR GRINDING WHEELS MAY BE USED.
  6. NO OIL BASED OR HYDROCARBON BASED CUTTING FLUIDS TO BE USED.
  7. NO CARBON STEEL OR OTHER SOURCE OF IRON CONTAMINATION ARE TO COME IN CONTACT WITH FLANGES DURING MANUFACTURING OR HANDLING.
  8. STEAM CLEAN & WRAP IN POLYETHYLENE TO PREVENT CONTAMINATION DURING SHIPPING.
  9. HANDLING PER SPEC #
  10. FABRICATION PER SPEC #
  11. CLEAN PER SPEC #

LIGO-D990295-01-V

<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FUNCTIONAL: # HIGHLIGHT 10"-30" BEND 1/2" TWO PLACE DECIMAL # 0.01 THREE PLACE DECIMAL # 0.005 FINISHES SURFACE FINISH BREAK CORNERS ON OUT- REMOVES ALL BURRS</p>		<p>DO NOT SCALE THIS DRAWING</p>		<p>USED ON</p>		<p>NEXT ASS'Y:</p>	
<p>1 RELEASE FOR FAB</p>		<p>PV 1-29-96 0054</p>		<p>KAR 1-19-96 0048</p>		<p>1-19-96 0048</p>	
<p>2 RELEASE FOR FAB</p>		<p>0</p>		<p>0</p>		<p>0</p>	
REV	DESCRIPTION	CHKD	DRWN	DATE	DECD		

PROCESS SYSTEMS INTERNATIONAL INC.  
20 WALKUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA

10" TEST CHAMBER ASS'Y.

LIGO VACUUM EQUIPMENT

CAD FILE: 403051  
SIZE: D  
DWG NO: V049-4-030  
SCALE: 1/4  
SHEET: 1 OF 2

FOR COMMERCIAL USE

