



- NOTES:**
1. EACH PUMPOUT PORT LOCATION HAS BOTH POWER & CONTROL PLUG-IN CONNECTIONS.
 2. ALL VACUUM GAUGES TO BE BAKED OUT AT 250 C DURING PUMPDOWN USING A REMOVABLE BLANKET TYPE HEATER. ALL VACUUM SECTIONS SHALL ALSO BE BAKED OUT AT 150 C DURING PUMPDOWN USING A REMOVABLE BLANKET TYPE HEATER. SEE DWG. V049-0-043 FOR BAKEDOUT SYSTEM.
 3. DIMENSIONS IN () ARE IN MILLIMETERS.
 4. BEAM MANIFOLD DIMENSIONS INDICATE INSIDE DIAMETERS.
 5. ATMOSPHERIC AIR INTAKE SHALL BE LOCATED AWAY FROM SOURCES OF CONTAMINATION.
 6. BEAM MANIFOLD FLANGE ANNULUS ION PUMP DETAILS LATER.
 7. ALSO ON 10" BLIND, PROVIDE 3" LONG 2 1/2" NOZZLE WITH 1 1/2" x 2 1/2" REDUCING FLANGE AND BLIND FOR RGA CONNECTION.

TURBO HEAD	4"-PV-801-T3	1/2"-IA-C2	1/2"-CA-806-T3	2 1/2"-PV-807-T3	1/2"-IA-808-C2	1/2"-CVS-809-C2	1/2"-CVR-810-C2	2 1/2"-PV-811-T3	1/2"-IA-812-C2	1/2"-CVS-813-C2	1/2"-CVR-814-C2	4"-PV-801-T3	2"-CA-802-T5	1/2"-IA-803-C2	1/2"-CVS-804-C2	1/2"-CVR-805-C2	1 1/2" x 1/2" (38x13)	1 1/2"-CVS-818-C2	1 1/2" x 1/2" (38 x 13)	1 1/2"-CVR-819-C2
CLASS 100 AIR	2"-CA-802-T5																			
INSTRUMENT AIR	1/2"-IA-803-C2																			
COOLING WATER SUPPLY	1/2"-CVS-804-C2																			
COOLING WATER RETURN	1/2"-CVR-805-C2																			

<p>PROPRIETARY AND CONFIDENTIAL</p> <p>DOCUMENT CONTAINS PROPRIETARY INFORMATION BELONGING TO PROCESS SYSTEMS INTERNATIONAL, INC. OR ITS RELATED COMPANIES AND SHALL BE USED ONLY FOR THE PURPOSE FOR WHICH IT WAS SUPPLIED. IT SHALL NOT BE COPIED, REPRODUCED OR OTHERWISE USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF PROCESS SYSTEMS INTERNATIONAL, INC. AND SHALL BE RETURNED UPON REQUEST.</p>			<p>EQUIP. THIS DWG.</p> <p>LGVI1 LCP4 LGV12 LTC4 LBSC4 LIP6</p>	<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</p> <p>TOLERANCES: FRACTIONAL & DECIMALS .0015"-.0025" BEND 1/8" TWO PLACE DECIMAL & .001 THREE PLACE DECIMAL & .001 FROTHED SURFACE AND BREAK CORNERS TO REMOVE ALL BURRS</p>	<p>1 ISSUE FOR FDR</p> <p>0 ISSUE FOR DESIGN</p>	<p>REB TS RT SM DMCV RJV</p>	<p>04.26.96 0134</p> <p>01.03.96 0031</p>	<p>PROCESS SYSTEMS INTERNATIONAL, INC. 30 WALKUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA</p> <p>PIPING & INSTRUMENTATION DIAGRAM LIGO VACUUM EQUIPMENT LOUISIANA SITE RIGHT END STATION</p>	<p>CAD FILE V0490025</p> <p>SIZE D</p> <p>DWG. NO. V049-0-025</p> <p>REV. 1</p>
<p>DO NOT SCALE THIS DRAWING</p>	<p>USED ON:</p>	<p>REV:</p>	<p>DESCRIPTION:</p>	<p>ISSUE DESCRIPTION:</p>	<p>SCALE: NONE</p>	<p>SHEET: 1 OF 1</p>			

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