



- NOTES:**
1. EACH PUMP/OUT 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. BEAM MANIFOLD FLANGE ANNULUS ION PUMP DETAILS, LATER.
  6. ON 12\"/>

<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION BELONGING TO PROCESS SYSTEMS INTERNATIONAL, INC. OR ITS AFFILIATED COMPANIES AND SHALL BE USED ONLY FOR THE PURPOSE FOR WHICH IT WAS SUPPLIED. IT SHALL NOT BE COPIED, REPRODUCED OR OTHERWISE USED, NOR SHALL SUCH INFORMATION BE FURNISHED IN WHOLE OR IN PART TO OTHERS EXCEPT IN ACCORDANCE WITH THE TERMS OF ANY AGREEMENT UNDER WHICH IT WAS SUPPLIED OR WITH THE PRIOR WRITTEN CONSENT OF PROCESS SYSTEMS INTERNATIONAL, INC. AND SHALL BE RETURNED UPON REQUEST.</p>			<p>EQUIP. THIS DWG.</p> <p>LGVS LCP2</p> <p>LGV6</p>		<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</p> <p>TOLERANCES:</p> <p>FINISHES: 0</p> <p>ANGULARS: 45°-90° BOB 45°</p> <p>TWO PLACE DECIMAL, 0 AS THREE PLACE DECIMAL, 0 NOT FURNISH SURFACE RISE</p> <p>BREAK CORNERS IN OUT-REMOVE ALL BURRS</p>		<p>4 REISSUED FOR FDR UPDATE</p> <p>3 REVISED</p> <p>2 ISSUE FOR FDR UPDATE</p> <p>1 ISSUE FOR FDR</p> <p>0 ISSUE FOR DESIGN</p>		<p>DO NOT SCALE THIS DRAWING</p> <p>USED ON:</p> <p>REV DESCRIPTION</p>		<p>PROCESS SYSTEMS INTERNATIONAL INC.</p> <p>20 WALKUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA</p> <p>PIPING &amp; INSTRUMENTATION DIAGRAM</p> <p>LIGO VACUUM EQUIPMENT</p> <p>LOUISIANA SITE</p> <p>RIGHT BEAM MANIFOLD</p>	
<p>V049-0-023 P &amp; ID VERTEX SECTION</p> <p>V049-0-021 P &amp; ID LEFT &amp; RIGHT MID JOINTS</p> <p>V049-0-006 P &amp; ID 80K CRYOPUMP</p> <p>V049-0-001 P &amp; ID LEGEND</p>			<p>LGVS LCP2</p> <p>LGV6</p>		<p>4 REISSUED FOR FDR UPDATE</p> <p>3 REVISED</p> <p>2 ISSUE FOR FDR UPDATE</p> <p>1 ISSUE FOR FDR</p> <p>0 ISSUE FOR DESIGN</p>		<p>DO NOT SCALE THIS DRAWING</p> <p>USED ON:</p> <p>REV DESCRIPTION</p>		<p>6/11/97 0499</p> <p>02.14.97 0435</p> <p>10.25.96 0309</p> <p>04.26.96 0134</p> <p>01.03.96 0031</p>		<p>CAD FILE: V0490024</p> <p>REV: D</p> <p>DWG NO: V049-0-024</p> <p>SCALE: NONE</p> <p>SHEET: 1 OF 1</p>	