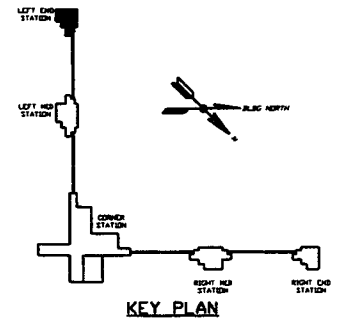


- NOTES:**
- 1) FOR ELECTRICAL INSTALLATION DETAILS SEE PSI DWG. V049-3-006.
  - 2) CONDUIT IS SHOWN DIAGRAMMATICALLY AND SHALL BE FIELD VERIFIED SO AS TO OPTIMIZE SUPPORTING MEANS AND TO AVOID INTERFERENCES WITH PIPING SYSTEMS.
  - 3) ALL RECEPTACLES SHALL BE IDENTIFIED WITH PANEL AND CKT. NUMBER.
  - 4) EACH 3Ø CIRCUIT SHALL HAVE DEDICATED NEUTRAL AND GROUND.
  - 5) FOR GENERAL NOTES & LEGEND SEE PSI DWG. #V049-3-001 SHT. 1.
  - 6) FOR LIST OF CIVIL CONTRACTOR REFERENCE DWGS. WITH CURRENT REVISIONS SEE PSI DWG. #V049-3-001 SHT. 2.
  - 7) POWER DISTRIBUTION PANELS ARE FURNISHED BY OTHERS.
  - 8) AT INDOOR INSTALLATIONS, CONDUIT SHALL BE ENT. AT OUTDOOR INSTALLATIONS, CONDUIT SHALL BE IMC.
  - 9) LOCATE HS-407 ADJACENT TO TY-403. SEE DETAIL 3 ON PSI DWG. #V049-3-006 FOR INSTALLATION.

DISTRIBUTION SYSTEM FEEDER SCHEDULE										
FEEDER NUMBER	SOURCE	LOAD CENTER LOCATION	VOLTS	PHASE	CKT #	LOAD KVA	CB A	EQUIPMENT SERVED	CONDUIT	FILL
1	My-CC-PD-VEAC_01A	480	3		13.3	30		GATE VALVE VGV17	3/4"	3-810, 810 GND
2	My-CC-PD-VEAC_01A	480	3		13.3	30		GATE VALVE VGV18	3/4"	3-810, 810 GND
3	My-CC-PD-VEAC_01A	480	3		20.0	30		REGEN HEATER	1"	3-810, 810 GND
4	My-CC-PD-VEAC_01B	120	1		1.9	20		CHECK VALVE HEAT TRACE	3/4"	2-812, 812 GND
5	My-CC-PD-VEAC_01A	480	3		39.9	60		BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
6	My-CC-PD-VEAC_01A	480	3		39.9	60		BAKEDOUT/CLEAN ROOM	1 1/2"	4-86, 88 GND
7	My-CC-PD-VEAC_01B	120	1		1.9	20		GENERAL/ION PUMP/AUX. TURBO	3/4"	2-812, 812 GND
8	My-CC-PD-VEAC_01B	120	1		1.5	20		BAKEDOUT CONTROL	3/4"	2-812, 812 GND
9	My-CC-PD-VEAC_01B	208	3		2.0	20		TURBO PUMP	3/4"	4-812, 812 GND
10	My-CC-PD-VEAC_01B	208	3		2.0	20		TURBO PUMP	3/4"	4-812, 812 GND
11	My-CC-PD-VEAC_01B	120	1		1.5	20		BAKEDOUT CONTROL	3/4"	2-812, 812 GND
12	My-CC-PD-VEAC_04A	480	3		25.0	80		AIR COMPRESSOR	1 1/2"	3-84, 86 GND
13	My-CC-PD-VEAC_01B	120	1		1.9	20		VE CONTROL TRANSFORMER	3/4"	2-812, 812 GND
14	My-CC-PD-VEAC_04B	208	3		4.0	30		2500 L/S ION PUMP	3/4"	2-812, 812 GND
								TURBO BACKING PUMP	3/4"	4-810, 810 GND

LEFT END STATION PLAN @ EL. 100'-0"



<p><b>PROPRIETARY AND CONFIDENTIAL</b></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 BY 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>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</p> <p>TOLERANCES:</p> <p>FRACTIONAL: ±</p> <p>ANGULAR: ± 30" 30" 30" ± 2"</p> <p>TWO PLACE DECIMAL: ± .05</p> <p>FURNISHED SURFACE AND BREAK CORNERS IN ACCORDANCE WITH INDUSTRY ALL RIGHTS RESERVED</p>				<p>PROCESS SYSTEMS INTERNATIONAL, INC.</p> <p>20 BALDWIN DR. WESTBOROUGH, MASSACHUSETTS 01581 USA</p> <p>POWER PLAN</p> <p>LIGO VACUUM EQUIPMENT</p> <p>WASHINGTON SITE</p> <p>LEFT END STATION</p>			
<p>DO NOT SCALE THIS DRAWING</p>				<p>2 ISSUE FOR CONSTRUCTION</p>				<p>05.12.97 0480</p>			
<p>USED IN:</p>				<p>1 ISSUE FOR FOR UPDATE &amp; BID</p>				<p>11.25.96 0355</p>			
<p>NEXT ASS'Y:</p>				<p>0 ISSUE FOR FOR</p>				<p>04.26.96 0129</p>			
<p>REFERENCE DRAWINGS</p>				<p>ISSUE DESCRIPTION</p>				<p>SCALE 3/16" = 1' - 0"</p>			
<p>DWG. NO. DESCRIPTION</p>				<p>REV DESCRIPTION</p>				<p>SHEET 1 OF 1</p>			