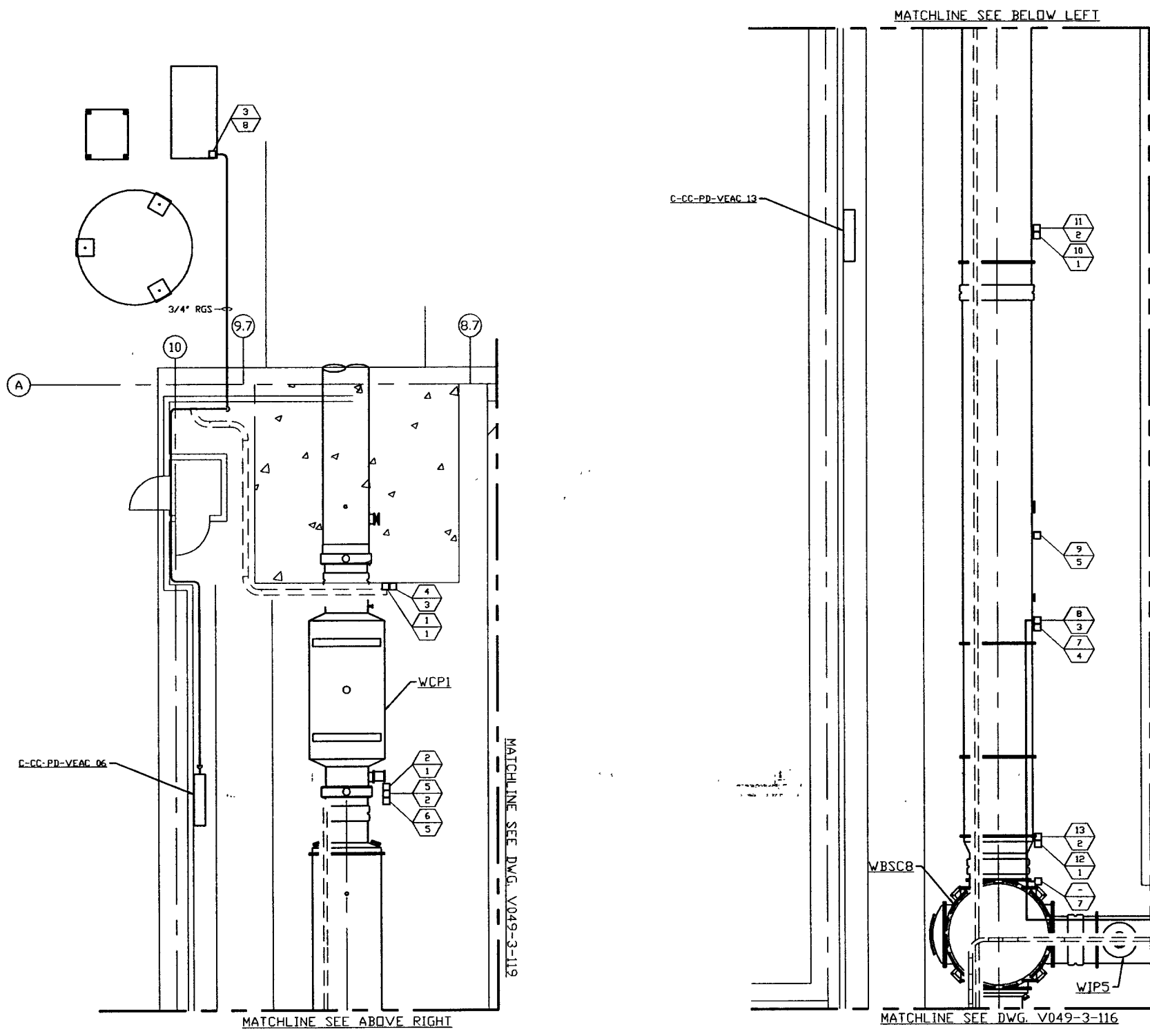


- NOTES:**
- 1) FOR ELECTRICAL INSTALLATION DETAILS SEE PSI DWG. V049-3-006.
  - 2) CONDUIT IS SHOWN DIAGRAMMATICALLY AND SHALL BE FIELD VERIFIED SO AS TO OPTIMIZE SUPPORTING MEANS AND TO AVOID INTERFERENCES WITH PIPING SYSTEMS.
  - 3) ALL RECEPTACLES SHALL BE IDENTIFIED WITH PANEL AND CKT NUMBER.



**DISTRIBUTION SYSTEM FEEDER SCHEDULE**

FEEDER NUMBER	SOURCE (LOAD CENTER LOCATION)	CKT #	EQUIPMENT SERVED	CONDUIT	FILL
1	C-CC-PD-VEAC_06	TBD	BAKEOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
2	C-CC-PD-VEAC_06	TBD	BAKEOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
3	C-CC-PD-VEAC_06	TBD	REGEN HEATER	3/4"	3-#10, #8 GND
4	C-CC-PD-VEAC_06	TBD	GENERAL/ION PUMP/AUX TURBO	3/4"	2-#12, #12 GND
5	C-CC-PD-VEAC_06	TBD	BAKEOUT CONTROL	3/4"	2-#12, #12 GND
6	C-CC-PD-VEAC_06	TBD	TURBO PUMP	3/4"	4-#12, #10 GND
7	C-CC-PD-VEAC_12	TBD	ROUGHING PUMP	3/4"	3-#12, #10 GND
8	C-CC-PD-VEAC_12	TBD	GENERAL/ION PUMP/AUX TURBO	3/4"	2-#12, #12 GND
9	C-CC-PD-VEAC_12	TBD	TURBO PUMP	3/4"	4-#12, #10 GND
10	C-CC-PD-VEAC_13	TBD	BAKEOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
11	C-CC-PD-VEAC_13	TBD	BAKEOUT CONTROL	3/4"	2-#12, #12 GND
12	C-CC-PD-VEAC_14	TBD	BAKEOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
13	C-CC-PD-VEAC_14	TBD	BAKEOUT CONTROL	3/4"	2-#12, #12 GND

**NOT FOR CONSTRUCTION**

- LEGEND**
- ELECTRICAL DEVICE CONNECTION
  - XX YY DEVICE CONNECTION IDENTIFIER
  - XX = FEEDER NUMBER, SEE DISTRIBUTION SYSTEM FEEDER SCHEDULE THIS SHY
  - YY = ELECTRICAL INSTALLATION DETAIL NUMBER, SEE NOTE 1
  - CONDUIT, SEE PLAN FOR SIZE

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<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 FOR SMALL SUCH INFORMATION BE FURNISHED BY 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>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DWG. NO.</th> <th>DESCRIPTION</th> <th>DWG. NO.</th> <th>DESCRIPTION</th> </tr> <tr> <td>V049-3-119</td> <td>POWER PLAN WASHINGTON DIAGONAL SECTION</td> <td></td> <td></td> </tr> <tr> <td>V049-3-116</td> <td>POWER PLAN WASHINGTON VERTEX SECTION</td> <td></td> <td></td> </tr> <tr> <td>V049-3-006</td> <td>ELECTRICAL INSTALLATION DETAILS</td> <td></td> <td></td> </tr> <tr> <td>V049-3-005</td> <td>ION PUMP CONTROLLER CABINET WIRING DIAGRAM</td> <td></td> <td></td> </tr> <tr> <td>V049-3-002</td> <td>WASHINGTON OVERALL SITE PLAN</td> <td></td> <td></td> </tr> <tr> <td>V049-3-001</td> <td>GENERAL NOTES &amp; LEGEND</td> <td></td> <td></td> </tr> </table>	DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION	V049-3-119	POWER PLAN WASHINGTON DIAGONAL SECTION			V049-3-116	POWER PLAN WASHINGTON VERTEX SECTION			V049-3-006	ELECTRICAL INSTALLATION DETAILS			V049-3-005	ION PUMP CONTROLLER CABINET WIRING DIAGRAM			V049-3-002	WASHINGTON OVERALL SITE PLAN			V049-3-001	GENERAL NOTES & LEGEND			<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</p> <p>TOLERANCES:</p> <p>FRACTIONS: ±0.005</p> <p>DECIMALS: ±0.005</p> <p>ANGLES: ±0.1°</p> <p>THREE PLACE DECIMAL: ±0.005</p> <p>FRESHENED SURFACE AND BREAK CORNERS DA - BUT - REMOVE ALL BURRS</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">DO NOT SCALE THIS DRAWING</td> <td style="width: 15%;">0</td> <td style="width: 15%;">ISSUE FOR FDR</td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td>USED ON:</td> <td>REV:</td> <td>DESCRIPTION:</td> <td>CHKD:</td> <td>DRWN:</td> <td>DATE:</td> </tr> <tr> <td>NEXT ASS'Y:</td> <td></td> <td>ISSUE DESCRIPTION:</td> <td></td> <td></td> <td></td> </tr> </table>	DO NOT SCALE THIS DRAWING	0	ISSUE FOR FDR				USED ON:	REV:	DESCRIPTION:	CHKD:	DRWN:	DATE:	NEXT ASS'Y:		ISSUE DESCRIPTION:			
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<p>PROCESS SYSTEMS INTERNATIONAL, INC.</p> <p>20 WALKUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA</p>		<p><b>POWER PLAN</b></p> <p>LIGO VACUUM EQUIPMENT</p> <p>WASHINGTON SITE</p> <p>LEFT BEAM MANIFOLD</p>		<p>CAD FILE: V0493117</p> <p>SIZE: D</p> <p>DWG. NO.: V049-3-117</p> <p>REV: 0</p>	<p>SCALE: 3/16" = 1' - 0"</p> <p>SHEET: 1 OF 1</p>																																												