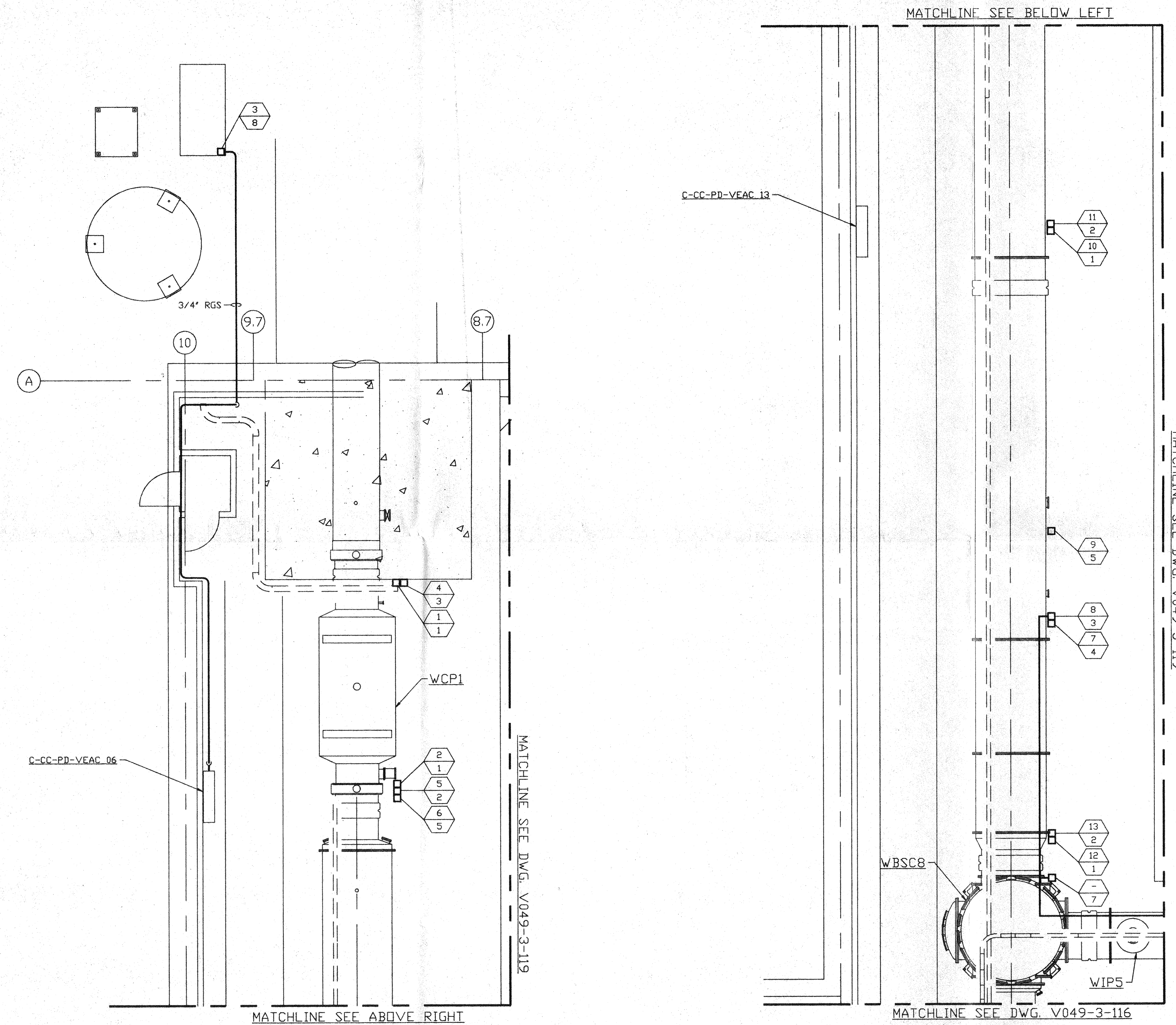


**NOTES:**

- FOR ELECTRICAL INSTALLATION DETAILS SEE PSI DWG. V049-3-006.
- CONDUIT IS SHOWN DIAGRAMMATICALLY AND SHALL BE FIELD VERIFIED SO AS TO OPTIMIZE SUPPORTING MEANS AND TO AVOID INTERFERENCES WITH PIPING SYSTEMS.
- 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	BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
2	C-CC-PD-VEAC_06	TBD	BAKEDOUT/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	BAKEDOUT 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	BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
11	C-CC-PD-VEAC_13	TBD	BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
12	C-CC-PD-VEAC_14	TBD	BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
13	C-CC-PD-VEAC_14	TBD	BAKEDOUT CONTROL	3/4"	2-#12, #12 GND

**NOT FOR CONSTRUCTION**

**LEGEND**

- ELECTRICAL DEVICE CONNECTION
- DEVICE CONNECTION IDENTIFIER
- XX = FEEDER NUMBER; SEE DISTRIBUTION SYSTEM FEEDER SCHEDULE THIS SHIT.
- YY = ELECTRICAL INSTALLATION DETAIL NUMBER; SEE NOTE 1
- CONDUIT; SEE PLAN FOR SIZE **D960562-00-V**

APR 30 1998

<b>PROPRIETARY AND CONFIDENTIAL</b> 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.	V049-3-119	POWER PLAN WASHINGTON DIAGONAL SECTION			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR ±0°-30' BEND ±2° TWO PLACE DECIMAL ± .01 THREE PLACE DECIMAL ± .005 FINISHED SURFACE RHS BREAK CORNERS IN REMOVE ALL BURRS						<b>PROCESS SYSTEMS INTERNATIONAL INC.</b> 20 WALKUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA <b>POWER PLAN LIGO VACUUM EQUIPMENT WASHINGTON SITE LEFT BEAM MANIFOLD</b> CAD FILE: V0493117 SIZE: D DWG. NO.: V049-3-117 REV: 0 SCALE: 3/16" = 1" - 0" SHEET: 1 OF 1			
	V049-3-116	POWER PLAN WASHINGTON VERTEX SECTION				DO NOT SCALE THIS DRAWING	0	ISSUE FOR FDR				04.26.96	0129	
	V049-3-006	ELECTRICAL INSTALLATION DETAILS				USED ON:	REV		DESCRIPTION	CHKD		DRWN	DATE	DEDR
	V049-3-005	ION PUMP CONTROLLER CABINET WIRING DIAGRAM				NEXT ASS'Y:			ISSUE DESCRIPTION					