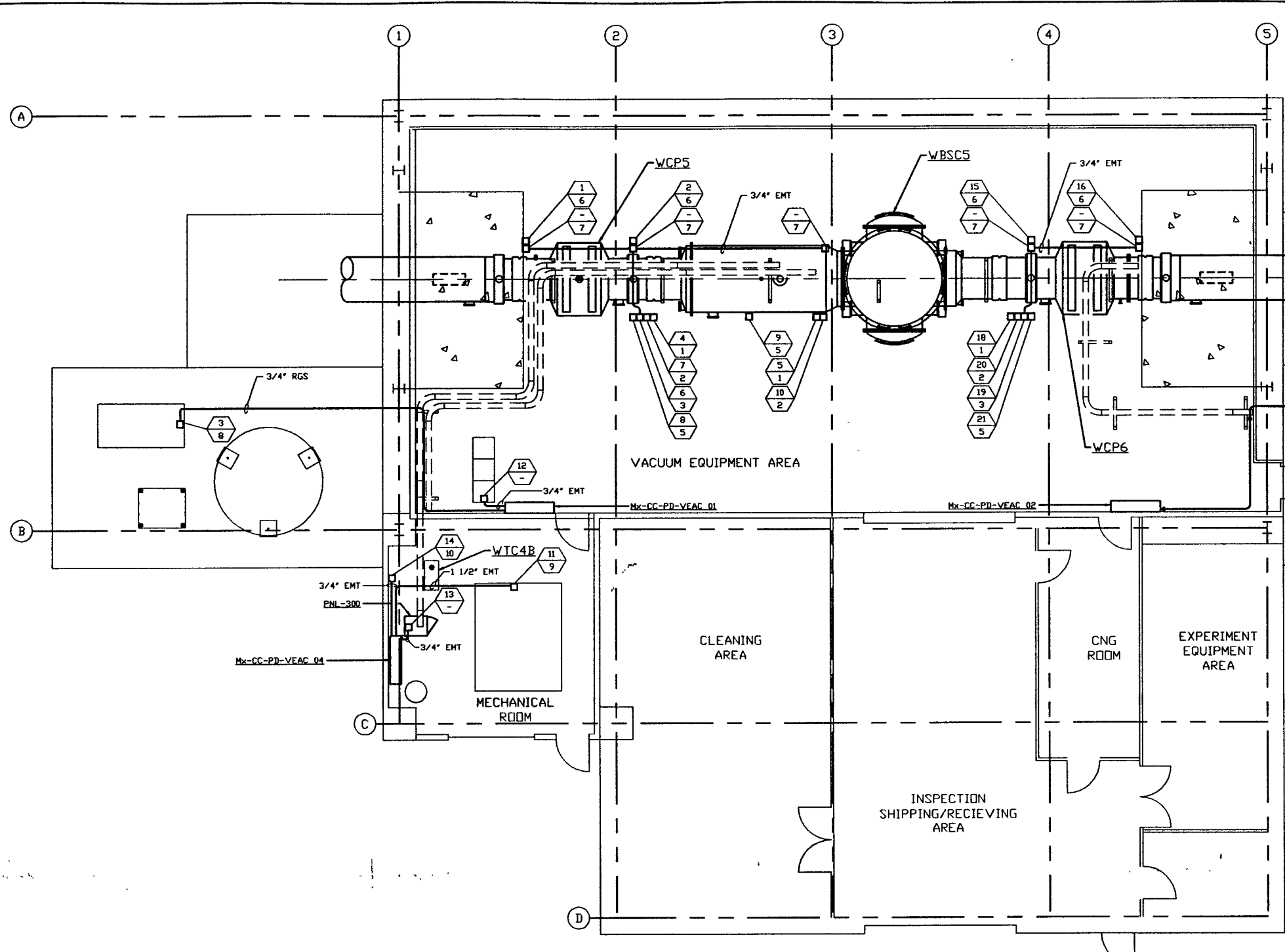


NOTES:

- 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.



NOT FOR CONSTRUCTION

DISTRIBUTION SYSTEM FEEDER SCHEDULE					
FEEDER NUMBER	SOURCE (LOAD CENTER LOCATION)	CKT. #	EQUIPMENT SERVED	CONDUIT	FILL
1	Mx-CC-PD-VEAC_01	TBD	GATE VALVE VGV13	3/4"	3-#12, #10 GND
2	Mx-CC-PD-VEAC_01	TBD	GATE VALVE VGV14	3/4"	3-#12, #8 GND
3	Mx-CC-PD-VEAC_01	TBD	REGEN HEATER	3/4"	3-#10, #8 GND
4	Mx-CC-PD-VEAC_01	TBD	BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
5	Mx-CC-PD-VEAC_01	TBD	BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
6	Mx-CC-PD-VEAC_01	TBD	GENERAL/ION PUMP/AUX. TURBO	3/4"	2-#12, #12 GND
7	Mx-CC-PD-VEAC_01	TBD	BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
8	Mx-CC-PD-VEAC_01	TBD	TURBO PUMP	3/4"	4-#12, #10 GND
9	Mx-CC-PD-VEAC_01	TBD	TURBO PUMP	3/4"	4-#12, #10 GND
10	Mx-CC-PD-VEAC_01	TBD	BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
11	Mx-CC-PD-VEAC_01	TBD	AIR COMPRESSOR	1 1/2"	3-#4, #6 GND
12	Mx-CC-PD-VEAC_03	TBD	VE CONTROL TRANSFORMER	3/4"	2-#12, #12 GND
13	Mx-CC-PD-VEAC_04	TBD	2500 L/S ION PUMP	3/4"	2-#12, #12 GND
14	Mx-CC-PD-VEAC_04	TBD	TURBO BACKING PUMP	3/4"	4-#10, #8 GND
15	Mx-CC-PD-VEAC_02	TBD	GATE VALVE VGV15	3/4"	3-#12, #10 GND
16	Mx-CC-PD-VEAC_02	TBD	GATE VALVE VGV16	3/4"	3-#12, #10 GND
17	Mx-CC-PD-VEAC_02	TBD	REGEN HEATER	3/4"	3-#10, #8 GND
18	Mx-CC-PD-VEAC_02	TBD	BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
19	Mx-CC-PD-VEAC_02	TBD	GENERAL/ION PUMP/AUX. TURBO	3/4"	2-#12, #12 GND
20	Mx-CC-PD-VEAC_02	TBD	BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
21	Mx-CC-PD-VEAC_02	TBD	TURBO PUMP	3/4"	4-#12, #10 GND

LEGEND

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

LIGO-D960586-00-V

PROCESS SYSTEMS INTERNATIONAL, INC.
20 WALKUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA

**POWER PLAN
LIGO VACUUM EQUIPMENT
WASHINGTON SITE
RIGHT MID STATION**

CAB FILE V0493304	D	DWG. NO. V049-3-304	REV. 0	DATE 04.26.96	ISSUE 0129	DRAWN BY D.W. [Signature]
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SCALE: 3/16" = 1' - 0" SHEET: 1 OF 1

DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION	DO NOT SCALE THIS DRAWING	REV	ISSUE FOR FDR	ISSUE DESCRIPTION	CHKD	BRWN	DATE	DECN	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS & DECIMALS MAGLARANCH MP-20 BEAD .4" TWO PLACE DECIMAL, & .01 THREE PLACE DECIMAL, & .005 FINISHED SURFACE AND BREAK CORNERS TO .010 REMOVE ALL BURRS	
												REV	DESCRIPTION
V049-3-006	ELECTRICAL INSTALLATION DETAILS				0	ISSUE FOR FDR							
V049-3-005	ION PUMP CONTROLLER CABINET WIRING DIAGRAM												
V049-3-002	WASHINGTON OVERALL SITE PLAN												
V049-3-001	GENERAL NOTES & LEGEND												
DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION	DO NOT SCALE THIS DRAWING	REV	ISSUE FOR FDR	ISSUE DESCRIPTION	CHKD	BRWN	DATE	DECN		
	REFERENCE DRAWINGS												

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