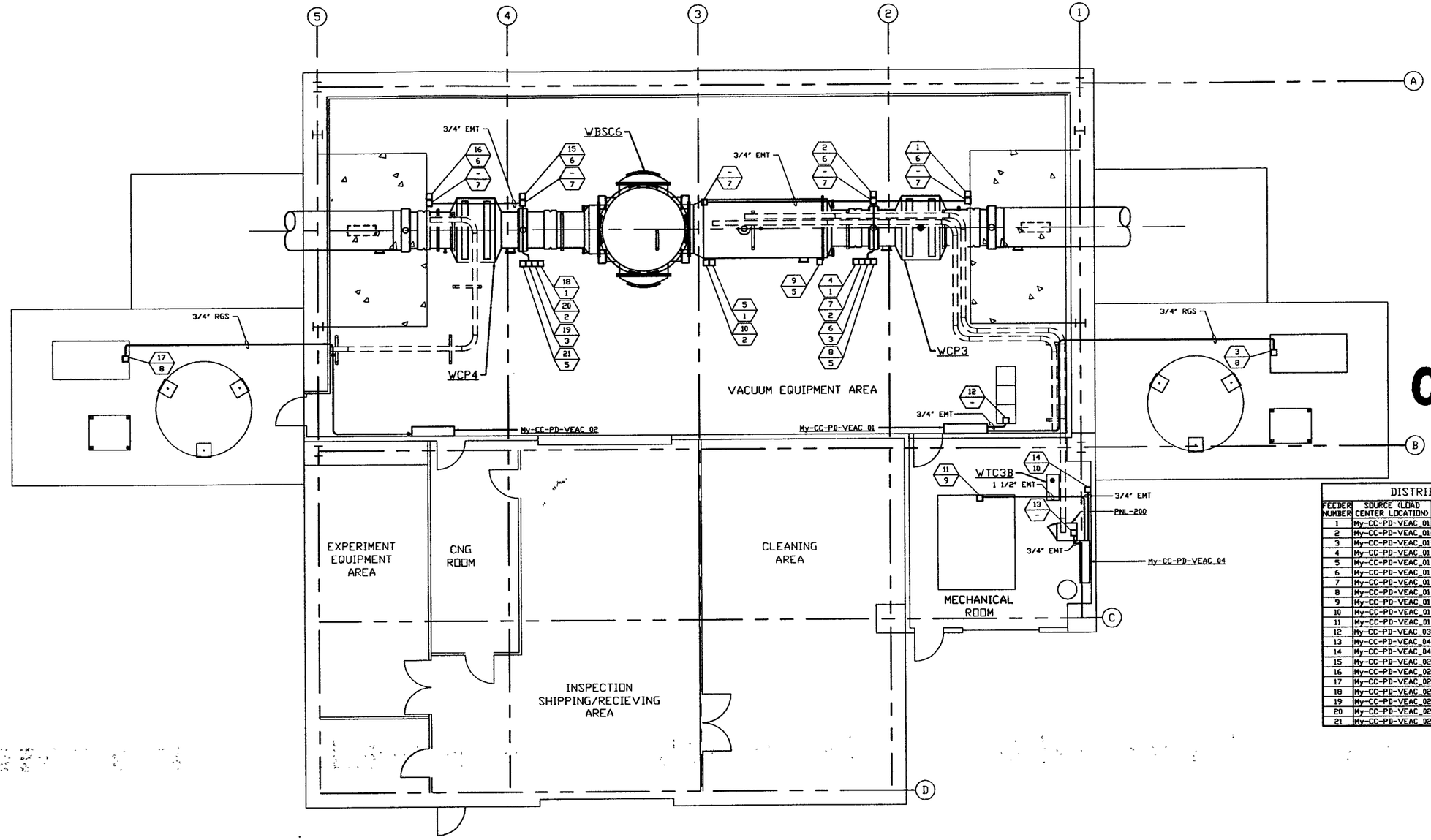
NOTES:

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	My-CC-PD-VEAC_01	TBD	GATE VALVE WGV9	3/4"	3-#12, #10 GND
2	My-CC-PD-VEAC_01	TBD	GATE VALVE WGV10	3/4"	3-#12, #10 GND
3	My-CC-PD-VEAC_01	TBD	REGEN HEATER	3/4"	3-#10, #8 GND
4	My-CC-PD-VEAC_01	TBD	BAKEOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
5	My-CC-PD-VEAC_01	TBD	BAKEOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
6	My-CC-PD-VEAC_01	TBD	GENERAL/ION PUMP/AUX. TURBO	3/4"	2-#12, #12 GND
7	My-CC-PD-VEAC_01	TBD	BAKEOUT CONTROL	3/4"	2-#12, #12 GND
8	My-CC-PD-VEAC_01	TBD	TURBO PUMP	3/4"	4-#12, #10 GND
9	My-CC-PD-VEAC_01	TBD	TURBO PUMP	3/4"	4-#12, #10 GND
10	My-CC-PD-VEAC_01	TBD	BAKEOUT CONTROL	3/4"	2-#12, #12 GND
11	My-CC-PD-VEAC_01	TBD	AIR COMPRESSOR	1 1/2"	3-#4, #6 GND
12	My-CC-PD-VEAC_03	TBD	VE CONTROL TRANSFORMER	3/4"	2-#12, #12 GND
13	My-CC-PD-VEAC_04	TBD	2500 L/S ION PUMP	3/4"	2-#12, #12 GND
14	My-CC-PD-VEAC_04	TBD	TURBO BACKING PUMP	3/4"	4-#10, #8 GND
15	My-CC-PD-VEAC_02	TBD	GATE VALVE WGV11	3/4"	3-#12, #10 GND
16	My-CC-PD-VEAC_02	TBD	GATE VALVE WGV12	3/4"	3-#12, #10 GND
17	My-CC-PD-VEAC_02	TBD	REGEN HEATER	3/4"	3-#10, #8 GND
18	My-CC-PD-VEAC_02	TBD	BAKEOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
19	My-CC-PD-VEAC_02	TBD	GENERAL/ION PUMP/AUX. TURBO	3/4"	2-#12, #12 GND
20	My-CC-PD-VEAC_02	TBD	BAKEOUT CONTROL	3/4"	2-#12, #12 GND
21	My-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-D960578-00-V

PROPRIETARY AND CONFIDENTIAL

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DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION
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		

REFERENCE DRAWINGS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR:MACH ±0°-30' BEND ±2°
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .005
FINISHED SURFACE RMS
BREAK CORNERS .04 OUT.
REMOVE ALL BURRS

DO NOT SCALE THIS DRAWING

USED ON:

NEXT ASS'Y:

REV	DESCRIPTION	CHKD	DRWN	DATE	DED#
0	ISSUE FOR FDR	DWM	PAB	04.26.96	0129

ISSUE DESCRIPTION

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

POWER PLAN
LIGO VACUUM EQUIPMENT
WASHINGTON SITE
LEFT MID STATION

CAD FILE	SIZE	DWG. NO.	REV.
V0493204	D	V049-3-204	0
SCALE 3/16" = 1' - 0"		SHEET 1 OF 1	