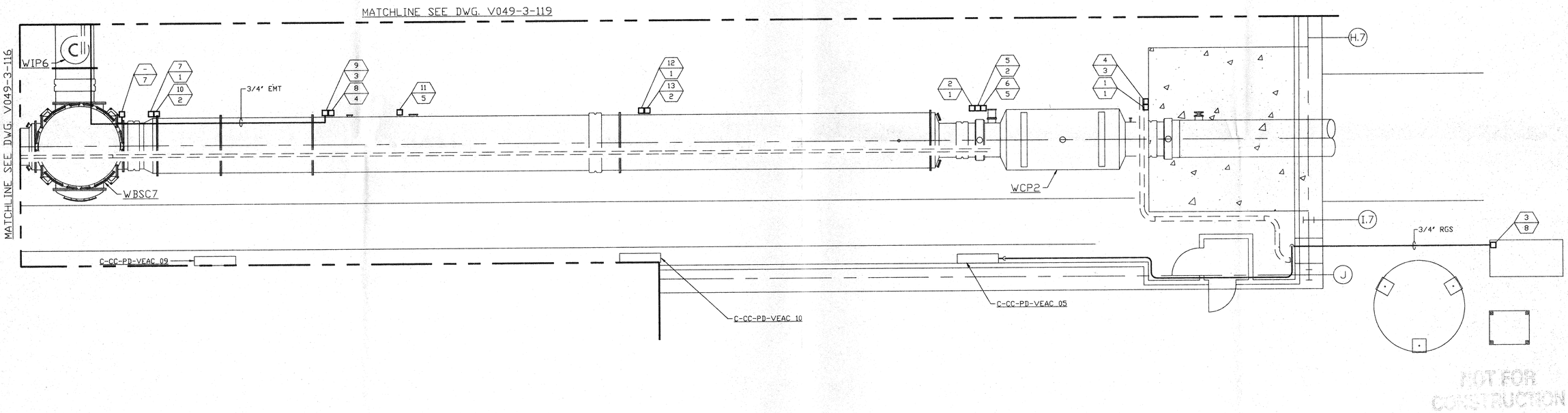
NOTES:

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_05	TBD	BAKEOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
2	C-CC-PD-VEAC_05	TBD	BAKEOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
3	C-CC-PD-VEAC_05	TBD	REGEN HEATER	3/4"	3-#10, #8 GND
4	C-CC-PD-VEAC_05	TBD	GENERAL/ION PUMP/AUX. TURBO	3/4"	2-#12, #12 GND
5	C-CC-PD-VEAC_05	TBD	BAKEOUT CONTROL	3/4"	2-#12, #12 GND
6	C-CC-PD-VEAC_05	TBD	TURBO PUMP	3/4"	4-#12, #10 GND
7	C-CC-PD-VEAC_09	TBD	BAKEOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
8	C-CC-PD-VEAC_09	TBD	ROUGHING PUMP	3/4"	3-#12, #10 GND
9	C-CC-PD-VEAC_09	TBD	GENERAL/ION PUMP/AUX. TURBO	3/4"	2-#12, #12 GND
10	C-CC-PD-VEAC_09	TBD	BAKEOUT CONTROL	3/4"	2-#12, #12 GND
11	C-CC-PD-VEAC_09	TBD	TURBO PUMP	3/4"	4-#12, #10 GND
12	C-CC-PD-VEAC_10	TBD	BAKEOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
13	C-CC-PD-VEAC_10	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 SHT.
YY = ELECTRICAL INSTALLATION DETAIL NUMBER; SEE NOTE 1

—— CONDUIT; SEE PLAN FOR SIZE

APR 30 1996

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PROPRIETARY AND CONFIDENTIAL

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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		

REFERENCE DRAWINGS

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

DO NOT SCALE THIS DRAWING

USED ON:

NEXT ASS'Y:

REV	DESCRIPTION	CHK'D	DRWN	DATE	DEC#
0	ISSUE FOR FDR		FRB	04.26.96	0129

ISSUE DESCRIPTION

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

POWER PLAN
LIGO VACUUM EQUIPMENT
WASHINGTON SITE
RIGHT BEAM MANIFOLD

CAD FILE	SIZE	DWG. NO.	REV.
V0493118	D	V049-3-118	0
SCALE 3/16" = 1' - 0"		SHEET 1 OF 1	