

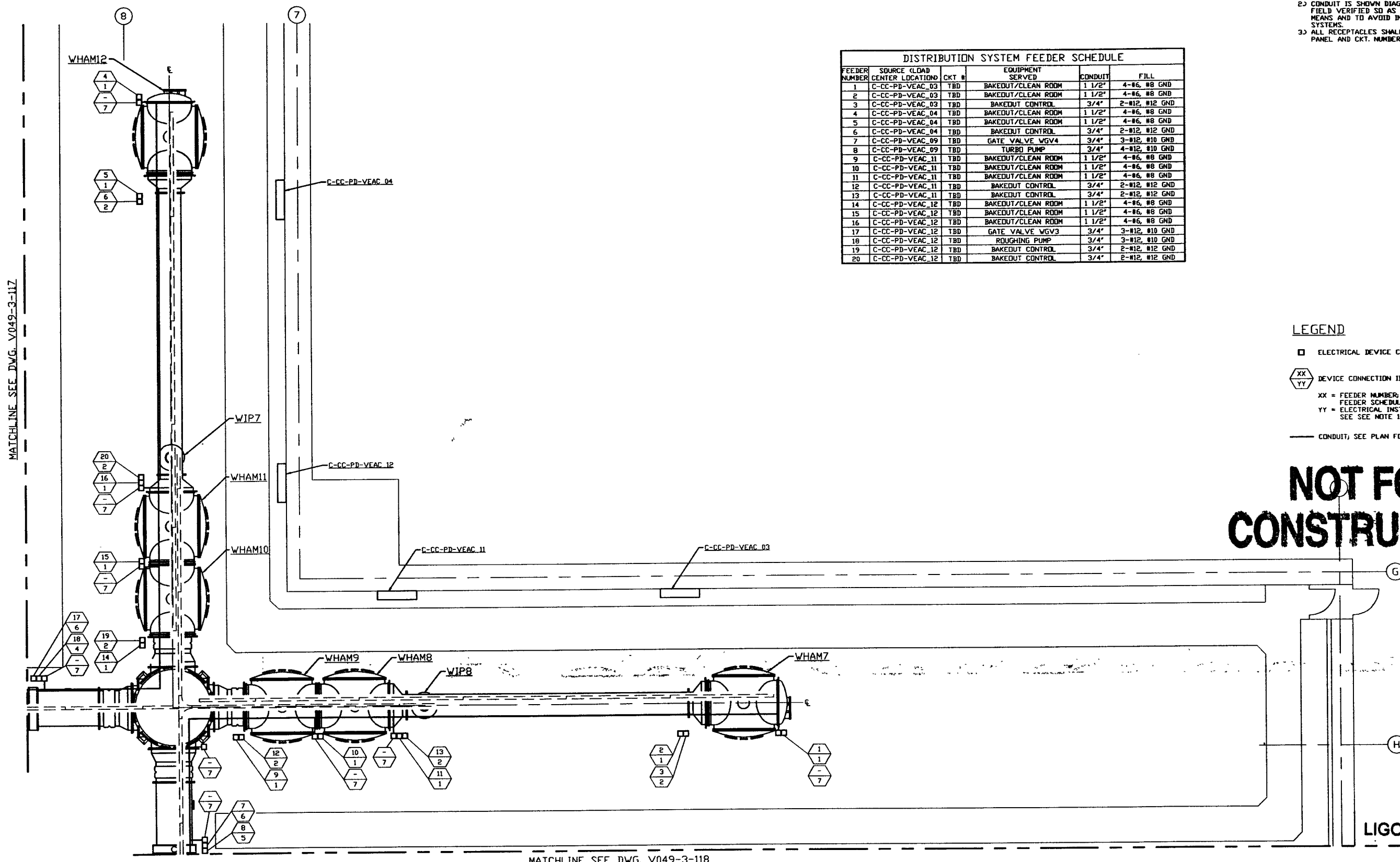
NOTES:
 1) FOR ELECTRICAL INSTALLATION DETAILS SEE PST DWG. V049-3-006.
 2) CONDUIT IS SHOWN DIAGRAMMATICALLY AND SHALL BE FIELD VERIFIED SO AS TO OPTIMIZE SUPPORTING MEANS AND TO AVOID INTERFERENCES WITH PIPING SYSTEMS.
 3) ALL RECEPTACLES SHALL BE IDENTIFIED WITH PANEL AND CKT. NUMBER.

DISTRIBUTION SYSTEM FEEDER SCHEDULE					
FEEDER NUMBER	SOURCE (LOAD CENTER LOCATION)	CKT #	EQUIPMENT SERVED	CONDUIT	FILL
1	C-CC-PD-VEAC_03	TBD	BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
2	C-CC-PD-VEAC_03	TBD	BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
3	C-CC-PD-VEAC_03	TBD	BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
4	C-CC-PD-VEAC_04	TBD	BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
5	C-CC-PD-VEAC_04	TBD	BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
6	C-CC-PD-VEAC_04	TBD	BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
7	C-CC-PD-VEAC_09	TBD	GATE VALVE WGV4	3/4"	3-#12, #10 GND
8	C-CC-PD-VEAC_09	TBD	TURBO PUMP	3/4"	4-#12, #10 GND
9	C-CC-PD-VEAC_11	TBD	BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
10	C-CC-PD-VEAC_11	TBD	BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
11	C-CC-PD-VEAC_11	TBD	BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
12	C-CC-PD-VEAC_11	TBD	BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
13	C-CC-PD-VEAC_11	TBD	BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
14	C-CC-PD-VEAC_12	TBD	BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
15	C-CC-PD-VEAC_12	TBD	BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
16	C-CC-PD-VEAC_12	TBD	BAKEDOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
17	C-CC-PD-VEAC_12	TBD	GATE VALVE WGV3	3/4"	3-#12, #10 GND
18	C-CC-PD-VEAC_12	TBD	ROUGHING PUMP	3/4"	3-#12, #10 GND
19	C-CC-PD-VEAC_12	TBD	BAKEDOUT CONTROL	3/4"	2-#12, #12 GND
20	C-CC-PD-VEAC_12	TBD	BAKEDOUT CONTROL	3/4"	2-#12, #12 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

NOT FOR CONSTRUCTION



LIGO-D960564-00-V

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DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION
V049-3-118	POWER PLAN WASHINGTON RIGHT BEAM MANIFOLD		
V049-3-117	POWER PLAN WASHINGTON LEFT BEAM MANIFOLD		
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 & DECIMAL ANGULAR: ±0.005 ANGLES
 TWO PLACE DECIMAL & IN THREE PLACE DECIMAL & .005 FINISHED SURFACE DIMS: ±0.005
 BREAK CORNERS IN BUT REMOVE ALL BURRS

DO NOT SCALE THIS DRAWING 0 ISSUE FOR FDR

USED IN: REV DESCRIPTION

NEXT ASSY: ISSUE DESCRIPTION

REV	DESCRIPTION	CHKD	DRWN	DATE	DESN
0	ISSUE FOR FDR			04.26.96	0129

PROCESS SYSTEMS INTERNATIONAL, INC.
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POWER PLAN
LIGO VACUUM EQUIPMENT
WASHINGTON SITE
DIAGONAL SECTION

CAD FILE: V0493119
 SHEET: D
 DWG. NO.: V049-3-119
 REV: 0

SCALE: 3/16" = 1' - 0"
 SHEET: 1 OF 1