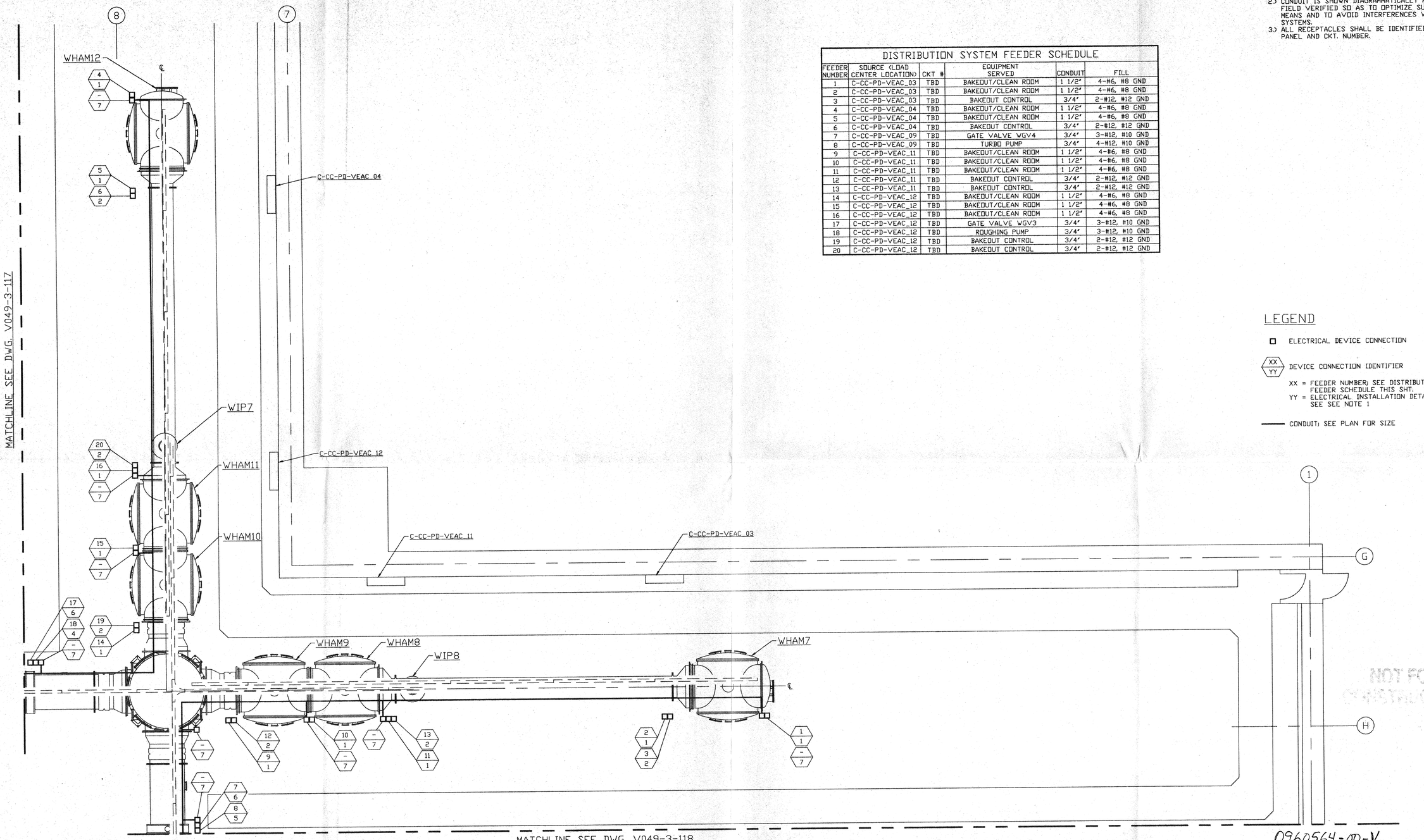


| DISTRIBUTION SYSTEM FEEDER SCHEDULE | | | | | |
|---|---|---|---|---|---|
| FEEDER NUMBER | SOURCE (LOAD CENTER LOCATION) | CKT # | EQUIPMENT SERVED | CONDUIT | FILL |
| 1 | C-CC-PD-VEAC_03 | TBD | BAKEOUT/CLEAN ROOM | 1 1/2" | 4-#6, #8 GND |
| 2 | C-CC-PD-VEAC_03 | TBD | BAKEOUT/CLEAN ROOM | 1 1/2" | 4-#6, #8 GND |
| 3 | C-CC-PD-VEAC_03 | TBD | BAKEOUT CONTROL | 3/4" | 2-#12, #12 GND |
| 4 | C-CC-PD-VEAC_04 | TBD | BAKEOUT/CLEAN ROOM | 1 1/2" | 4-#6, #8 GND |
| 5 | C-CC-PD-VEAC_04 | TBD | BAKEOUT/CLEAN ROOM | 1 1/2" | 4-#6, #8 GND |
| 6 | C-CC-PD-VEAC_04 | TBD | BAKEOUT 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 | BAKEOUT/CLEAN ROOM | 1 1/2" | 4-#6, #8 GND |
| 10 | C-CC-PD-VEAC_11 | TBD | BAKEOUT/CLEAN ROOM | 1 1/2" | 4-#6, #8 GND |
| 11 | C-CC-PD-VEAC_11 | TBD | BAKEOUT/CLEAN ROOM | 1 1/2" | 4-#6, #8 GND |
| 12 | C-CC-PD-VEAC_11 | TBD | BAKEOUT CONTROL | 3/4" | 2-#12, #12 GND |
| 13 | C-CC-PD-VEAC_11 | TBD | BAKEOUT CONTROL | 3/4" | 2-#12, #12 GND |
| 14 | C-CC-PD-VEAC_12 | TBD | BAKEOUT/CLEAN ROOM | 1 1/2" | 4-#6, #8 GND |
| 15 | C-CC-PD-VEAC_12 | TBD | BAKEOUT/CLEAN ROOM | 1 1/2" | 4-#6, #8 GND |
| 16 | C-CC-PD-VEAC_12 | TBD | BAKEOUT/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 | BAKEOUT CONTROL | 3/4" | 2-#12, #12 GND |
| 20 | C-CC-PD-VEAC_12 | TBD | BAKEOUT CONTROL | 3/4" | 2-#12, #12 GND |

## 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.

## 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 SEE NOTE 1

——— CONDUIT; SEE PLAN FOR SIZE

NOT FOR CONSTRUCTION

APR 30 1996

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REFERENCE DRAWINGS

| 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 | | |

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 IN: OUT:
REMOVE ALL BURRS

DO NOT SCALE THIS DRAWING
USED ON:
NEXT ASS'Y:

ISSUE DESCRIPTION

| REV | DESCRIPTION | CHKD | DRWN | DATE | DEC# |
|---|---|---|---|---|---|
| 0 | ISSUE FOR FDR | D.W.W. | FRS | 04.26.96 | 0129 |

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

POWER PLAN
LIGO VACUUM EQUIPMENT
WASHINGTON SITE
DIAGONAL SECTION

| CAD FILE | SIZE | DWG. NO. | REV. |
|---|---|---|---|
| V0493119 | D | V049-3-119 | 0 |
| SCALE 3/16" = 1' - 0" | | SHEET 1 OF 1 | |