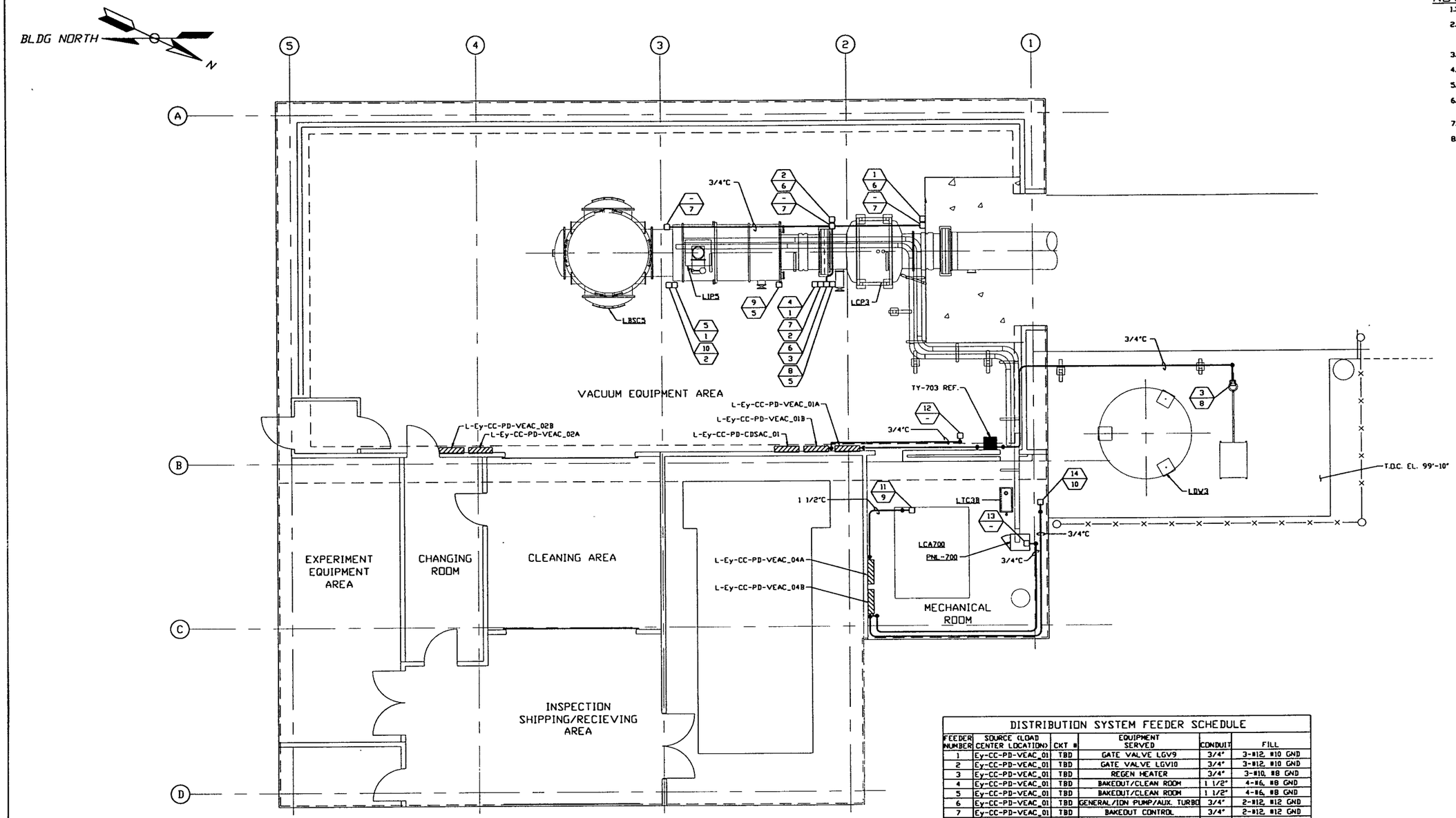


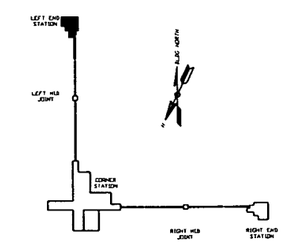
LEFT MID STATION PLAN @ EL. 100'-0"

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.
4.) EACH 3Ø CIRCUIT SHALL HAVE DEDICATED NEUTRAL AND GROUND.
5.) FOR GENERAL NOTES & LEGEND SEE PSI DWG. #V049-3-001 SHT. 1.
6.) FOR LIST OF CIVIL CONTRACTOR REFERENCE DWGS. WITH CURRENT REVISIONS SEE PSI DWG. #V049-3-001 SHT. 2.
7.) POWER DISTRIBUTION PANELS ARE FURNISHED BY OTHERS.
8.) AT INDOOR INSTALLATIONS, CONDUIT SHALL BE EMT. AT OUTDOOR INSTALLATIONS, CONDUIT SHALL BE IMC.

DISTRIBUTION SYSTEM FEEDER SCHEDULE

FEEDER NUMBER	SOURCE (LOAD CENTER LOCATION)	CKT #	EQUIPMENT SERVED	CONDUIT	FILL
1	Ey-CC-PD-VEAC_01	TBD	GATE VALVE LGV9	3/4"	3-#12, #10 GND
2	Ey-CC-PD-VEAC_01	TBD	GATE VALVE LGV10	3/4"	3-#12, #10 GND
3	Ey-CC-PD-VEAC_01	TBD	REGEN HEATER	3/4"	3-#10, #8 GND
4	Ey-CC-PD-VEAC_01	TBD	BAKEOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
5	Ey-CC-PD-VEAC_01	TBD	BAKEOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
6	Ey-CC-PD-VEAC_01	TBD	GENERAL/ION PUMP/AUX. TURBO	3/4"	2-#12, #12 GND
7	Ey-CC-PD-VEAC_01	TBD	BAKEOUT CONTROL	3/4"	2-#12, #12 GND
8	Ey-CC-PD-VEAC_01	TBD	TURBO PUMP	3/4"	4-#12, #10 GND
9	Ey-CC-PD-VEAC_01	TBD	TURBO PUMP	3/4"	4-#12, #10 GND
10	Ey-CC-PD-VEAC_01	TBD	BAKEOUT CONTROL	3/4"	2-#12, #12 GND
11	Ey-CC-PD-VEAC_01	TBD	AIR COMPRESSOR	1 1/2"	3-#4, #6 GND
12	Ey-CC-PD-VEAC_03	TBD	VE CONTROL TRANSFORMER	3/4"	2-#12, #12 GND
13	Ey-CC-PD-VEAC_04	TBD	2500 L/S ION PUMP	3/4"	2-#12, #12 GND
14	Ey-CC-PD-VEAC_04	TBD	TURBO BACKING PUMP	3/4"	4-#10, #8 GND



KEY PLAN

LIGO-D970139-00-V

PROPRIETARY AND CONFIDENTIAL
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION BELONGING TO PROCESS SYSTEMS INTERNATIONAL, INC. OR ITS SUBSIDIARIES OR AFFILIATED COMPANIES AND SHALL BE USED ONLY FOR THE PURPOSE FOR WHICH IT WAS SUPPLIED. IT SHALL NOT BE COPIED, REPRODUCED OR OTHERWISE USED, NOR SHALL SUCH INFORMATION BE FURNISHED IN WHOLE OR IN PART TO OTHERS EXCEPT IN ACCORDANCE WITH THE TERMS OF ANY AGREEMENT UNDER WHICH IT WAS SUPPLIED OR WITH THE PRIOR WRITTEN CONSENT OF PROCESS SYSTEMS INTERNATIONAL, INC. AND SHALL BE RETURNED UPON REQUEST.

DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION
V049-3-006	ELECTRICAL INSTALLATION DETAILS		
V049-3-005	ION PUMP CONTROLLER CABINET WIRING DIAGRAM		
V049-3-003	LOUISIANA 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 1/64 OUT.
REMOVE ALL BURRS

DO NOT SCALE THIS DRAWING
USED ON
NEXT ASS'Y

REV	DESCRIPTION	CHKD	DRWN	DATE	DEO#
0	ISSUE FOR LA DESIGN REVIEW			02.24.97	0430

ISSUE DESCRIPTION

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

POWER PLAN
LIGO VACUUM EQUIPMENT
LOUISIANA SITE
LEFT END STATION

CAD FILE	SIZE	DWG. NO.	REV.
V0493704	D	V049-3-704	0

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