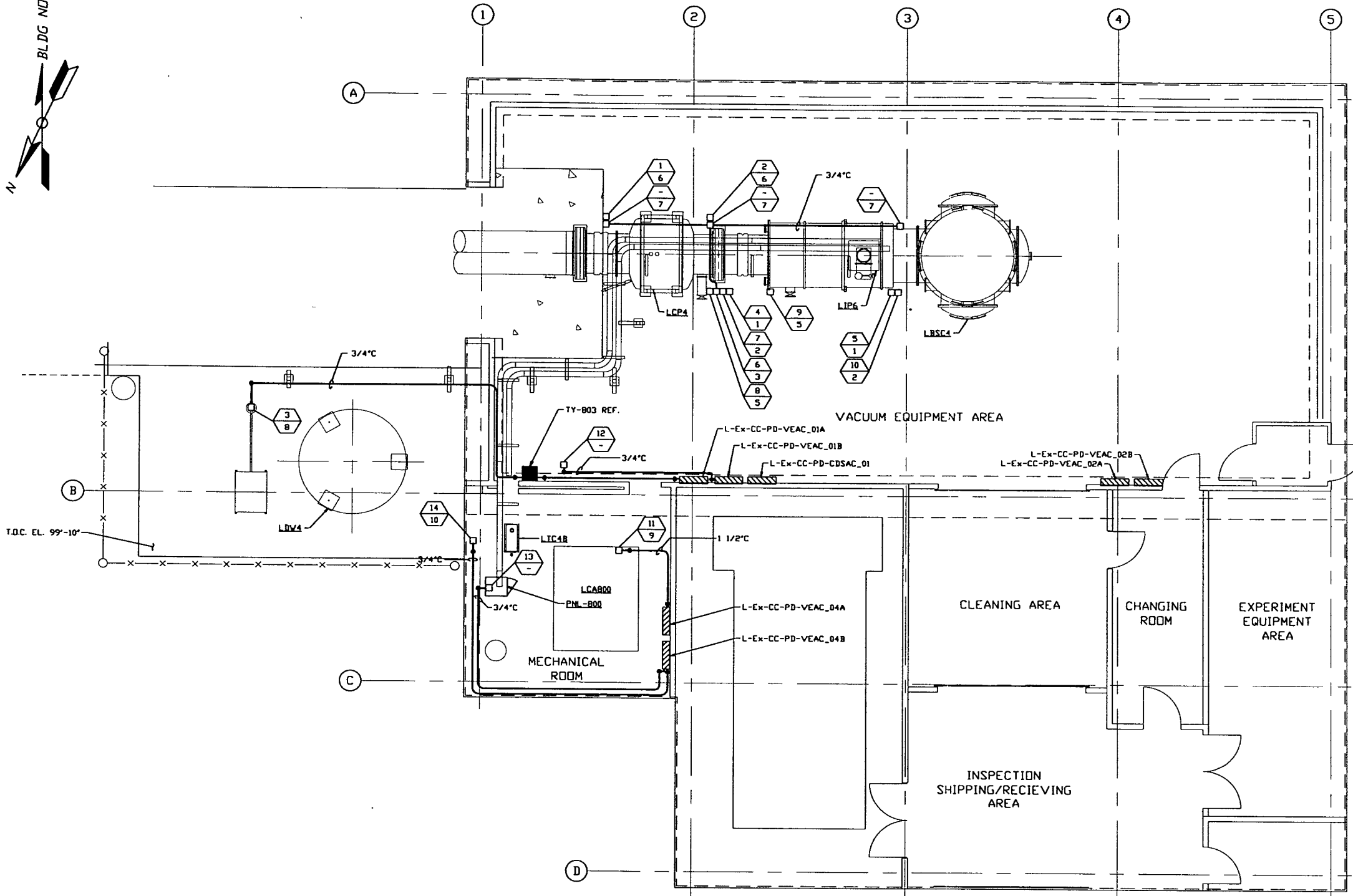
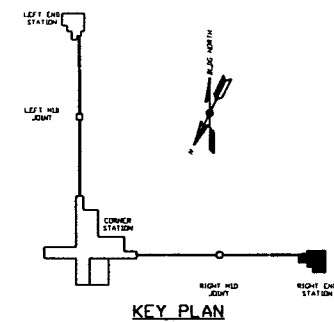


- NOTES:**
- 1) FOR ELECTRICAL INSTALLATION DETAILS SEE PSI DVG. V049-3-006.
  - 2) CONDUIT IS SHOWN DIAGRAMMATICALLY AND SHALL BE FIELD VERIFIED SO AS TO OPTIMIZE SUPPORTING MEANS AND TO AVOID INTERFERENCES WITH PIPING SYSTEMS.
  - 3) ALL RECEPTACLES SHALL BE IDENTIFIED WITH PANEL AND CKT. NUMBER.
  - 4) EACH 3Ø CIRCUIT SHALL HAVE DEDICATED NEUTRAL AND GROUND.
  - 5) FOR GENERAL NOTES & LEGEND SEE PSI DVG. #V049-3-001 SHT. 1.
  - 6) FOR LIST OF CIVIL CONTRACTOR REFERENCE DWGS. WITH CURRENT REVISIONS SEE PSI DVG. #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.



RIGHT END STATION PLAN @ EL. 100'-0"

DISTRIBUTION SYSTEM FEEDER SCHEDULE					
FEEDER NUMBER	SOURCE (LOAD CENTER LOCATION)	CKT #	EQUIPMENT SERVED	CONDUIT	FILL
1	Ex-CC-PD-VEAC_01	TBD	GATE VALVE LGV11	3/4"	3-#12, #10 GND
2	Ex-CC-PD-VEAC_01	TBD	GATE VALVE LGV12	3/4"	3-#12, #10 GND
3	Ex-CC-PD-VEAC_01	TBD	REGEN HEATER	3/4"	3-#10, #8 GND
4	Ex-CC-PD-VEAC_01	TBD	BAKEOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
5	Ex-CC-PD-VEAC_01	TBD	BAKEOUT/CLEAN ROOM	1 1/2"	4-#6, #8 GND
6	Ex-CC-PD-VEAC_01	TBD	GENERALIZATION PUMP/AUX. TURBO	3/4"	2-#12, #12 GND
7	Ex-CC-PD-VEAC_01	TBD	BAKEOUT CONTROL	3/4"	2-#12, #12 GND
8	Ex-CC-PD-VEAC_01	TBD	TURBO PUMP	3/4"	4-#12, #10 GND
9	Ex-CC-PD-VEAC_01	TBD	TURBO PUMP	3/4"	4-#12, #10 GND
10	Ex-CC-PD-VEAC_01	TBD	BAKEOUT CONTROL	3/4"	2-#12, #12 GND
11	Ex-CC-PD-VEAC_01	TBD	AIR COMPRESSOR	1 1/2"	3-#4, #6 GND
12	Ex-CC-PD-VEAC_03	TBD	VE CONTROL TRANSFORMER	3/4"	2-#12, #12 GND
13	Ex-CC-PD-VEAC_04	TBD	2500 L/S ION PUMP	3/4"	2-#12, #12 GND
14	Ex-CC-PD-VEAC_04	TBD	TURBO BACKING PUMP	3/4"	4-#10, #8 GND



PRELIMINARY NOT FOR CONSTRUCTION

LIGO-D970148-00-V

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

**POWER PLAN**  
LIGO VACUUM EQUIPMENT  
LOUISIANA SITE  
RIGHT END STATION

CAD FILE: V0493804  
SIZE: D  
DVG. NO.: V049-3-804  
REV.: 0  
SCALE: 3/16" = 1' - 0"  
SHEET: 1 OF 1

DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION
V049-3-007	PNL-800 WIRING DIAGRAM		
V049-3-006	ELECTRICAL INSTALLATION DETAILS		
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/ARCH: 1/8" ± 30" ROUNDED ± 2" TWO PLACE DECIMAL: ± 0.01 THREE PLACE DECIMAL: ± 0.005 FINISHED SURFACE: RING BREAK CORNERS: IN OUT REMOVE ALL BURRS

DO NOT SCALE THIS DRAWING 0 ISSUE FOR LA DESIGN REVIEW

USED ON: REV: DESCRIPTION

NEXT ASS'Y: CHKD: DRWN: DATE: 02.24.97 0430