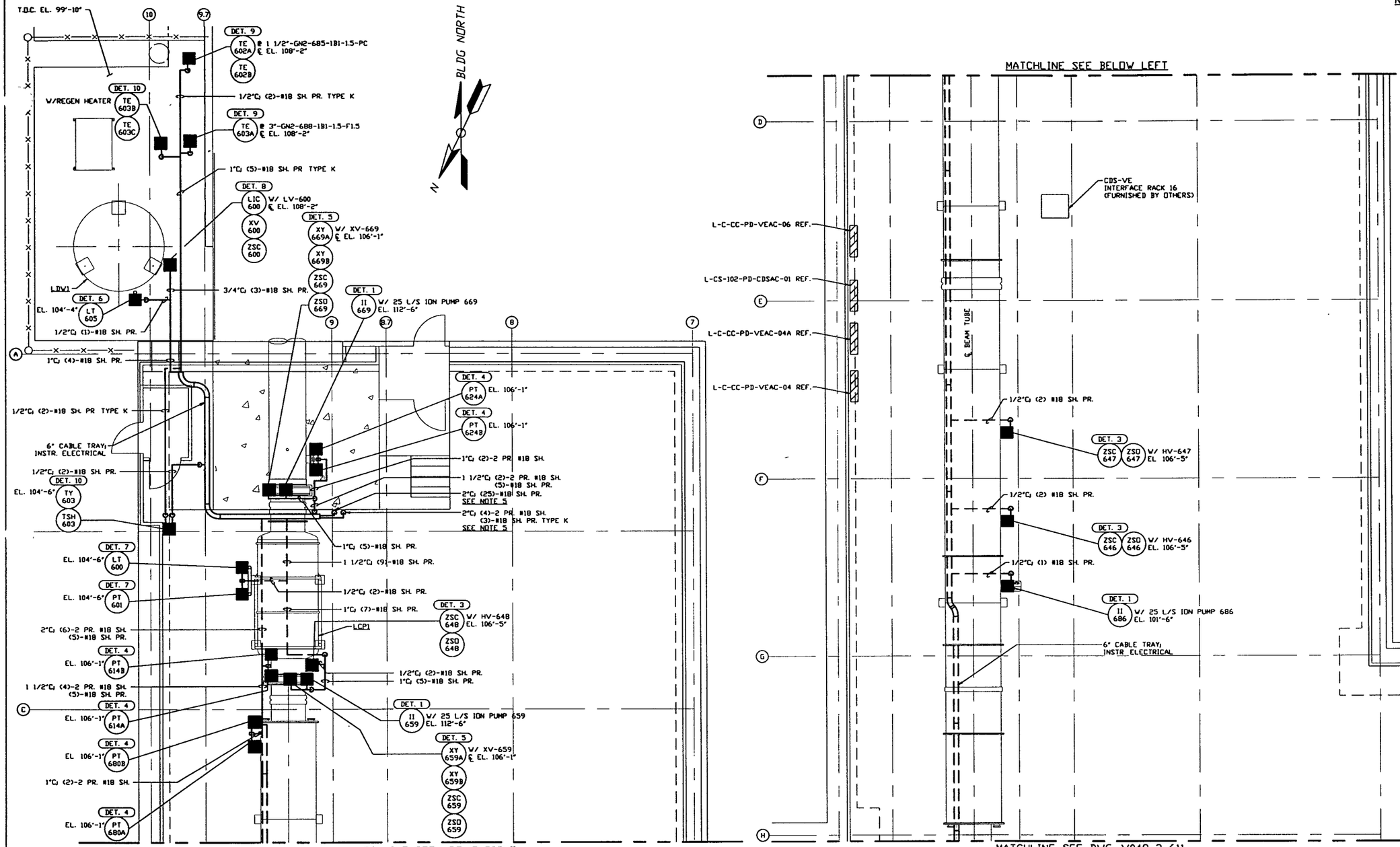

NOTES:

1.) FOR GENERAL NOTES & LEGEND SEE PSI DWG. #V049-3-001 SHT. 1.
2.) FOR LIST OF CIVIL CONTRACTOR REFERENCE DWGS. WITH CURRENT REVISIONS SEE PSI DWG. V049-3-001 SHT. 2.
3.) FOR INSTRUMENT ELECTRICAL INSTALLATION DETAILS SEE PSI DWG. #V049-3-007.
4.) CONDUIT IS SHOWN DIAGRAMMATICALLY AND SHALL BE FIELD VERIFIED SO AS TO OPTIMIZE SUPPORTING MEANS AND TO AVOID INTERFERENCES WITH PIPING SYSTEMS.
5.) RUN INSTR. ELECTRICAL CABLES IN (2)-2" UNDERGROUND CONDUITS TO CDS-VE INTERFACE RACK. UNDERGROUND CONDUIT IS PROVIDED BY OTHERS. SEE PSI DWG. #V049-3-624 FOR STUB-UP LOCATIONS.
6.) ALL SIGNALS SHALL BE RUN TO CDS RACK 16.
7.) AT INDOOR INSTALLATIONS, CONDUIT SHALL BE EMT. AT OUTDOOR INSTALLATIONS, CONDUIT SHALL BE IMC.

LEFT BEAM MANIFOLD PLAN @ EL. 100'-0"

PRELIMINARY NOT FOR CONSTRUCTION

LIGO-D970119-00-V

PROPRIETARY AND CONFIDENTIAL

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REFERENCE DRAWINGS

DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION
V049-3-611	INSTR. ELEC. PLAN LOUISIANA VERTEX SECTION		
V049-3-602	INSTRUMENT PLAN LOUISIANA LEFT BEAM MANIFOLD		
V049-3-007	INSTRUMENT ELECTRICAL INSTALLATION DETAILS		
V049-3-003	LOUISIANA OVERALL SITE PLAN		
V049-3-001	GENERAL NOTES & LEGEND		
V049-0-022	P & I D LOUISIANA LEFT BEAM MANIFOLD	V049-3-623	CDS INTERFACE DIAGRAM

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH 15° 30' BEND ±2°
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .005
FINISHED SURFACE RMS
BREAK CORNERS .1in OUT.
REMOVE ALL BURRS

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

REV	DESCRIPTION	CHKD	ORVN	DATE	DEC#
0	ISSUE FOR LA DESIGN REVIEW	KEB	DJM	02.24.97	0430

ISSUE DESCRIPTION

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

INSTRUMENT ELECTRICAL PLAN
LIGO VACUUM EQUIPMENT
LOUISIANA SITE
LEFT BEAM MANIFOLD

CAD FILE	SIZE	DWG. NO.	REV.
V0493612	D	V049-3-612	0

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