NOTES:

1.) FOR PSI DWG. LIST & LEGEND SEE PSI DVG. #V049-3-001 SHT. 1.
2.) FOR LIST OF CIVIL CONTRACTOR REFERENCE DVGS. WITH CURRENT REVISIONS SEE PSI DWG. V049-3-001 SHT. 2.
3.) FOR INSTRUMENT ELECTRICAL INSTALLATION DETAILS SEE PSI DVG. #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.) ION PUMP POWER CABLES SHALL BE RUN IN 2" CABLE CHANNEL FROM ION PUMP DOWN TO 6" CABLE TRAY LOCATED UNDER BEAM TUBE.
6.) RUN INSTR. ELECTRICAL CABLES IN (2)-2" UNDERGROUND CONDUITS TO CDS-VE INTERFACE RACK. UNDERGROUND CONDUIT IS PROVIDED BY OTHERS. SEE PSI DVG. #V049-3-305 FOR STUB-UP LOCATIONS.
7.) AT INDOOR INSTALLATIONS, CONDUIT SHALL BE EMT. AT OUTDOOR LOCATIONS, CONDUIT SHALL BE IMC.

BLDG NORTH

VACUUM EQUIPMENT AREA

CLEANING AREA

CHANGING ROOM

EXPERIMENT EQUIPMENT AREA

MECHANICAL ROOM

INSPECTION SHIPPING/RECIEVING AREA

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

REF. THIS SHT. 1 DETAIL SCALE: 3/8" = 1' - 0"

REF. THIS SHT. 2 DETAIL SCALE: 3/8" = 1' - 0"

KEY PLAN

PROPRIETARY AND CONFIDENTIAL					
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION BELONGING TO PROCESS SYSTEMS INTERNATIONAL, INC. OR ITS 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.					
V049-3-301	INSTRUMENT PLAN WASHINGTON RIGHT MID STATION				
V049-3-007	INSTRUMENT ELECTRICAL INSTALLATION DETAILS				
V049-3-002	WASHINGTON OVERALL SITE PLAN				
V049-3-001	GENERAL NOTES & LEGEND	V049-5-004	EQUIP. ARRANGEMENT WASHINGTON RIGHT MID STATION		
V049-0-016	P & I D WASHINGTON RIGHT MID STATION	V049-3-308	CDS INTERFACE DIAGRAM		
V049-0-006	P & I D 80K CRYOPUMP	V049-3-307	PML-300 WIRING DIAGRAM		
DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION		
REFERENCE DRAWINGS					

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULARNESS ±0°-30' BEND ±2°
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .005
FINISHED SURFACE RMS
BREAK CORNERS ON
REMOVE ALL BURRS

DO NOT SCALE THIS DRAWING

USED ON

NEXT ASS'Y

REV	DESCRIPTION	CHKD	DRWN	DATE	DEC#
2	ISSUE FOR CONSTRUCTION	FAB	RJW	05.12.97	0488
1	ISSUE FOR FDR UPDATE & BID	DMcW	RJW	11.25.96	0355
0	ISSUE FOR FDR	DMcW	FAB	RJW	04.26.96	0129

ISSUE DESCRIPTION

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

INSTRUMENT ELECTRICAL PLAN
LIGO VACUUM EQUIPMENT
WASHINGTON SITE
RIGHT MID STATION

CAD FILE	SIZE	DWG. NO.	REV.
V0493303	D	V049-3-303	2
SCALE 3/16" = 1' - 0"		SHEET 1 OF 1	

LIGO-D960585-02-V