NOTES:

1.) FOR PSI DWG. LIST & 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.) 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 DWG. #V049-3-205 FOR STUB-UP LOCATIONS.
7.) AT INDOOR INSTALLATIONS, CONDUIT SHALL BE EMT. AT OUTDOOR LOCATIONS, CONDUIT SHALL BE IMC.

BLDG NORTH

VACUUM EQUIPMENT AREA

EXPERIMENT EQUIPMENT AREA

CHANGING ROOM

CLEANING AREA

INSPECTION SHIPPING/RECIEVING AREA

MECHANICAL ROOM

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

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

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

KEY PLAN

PROPRIETARY AND CONFIDENTIAL

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REFERENCE DRAWINGS

DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION
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	V049-5-006	EQUIP. ARRANGEMENT WASHINGTON LEFT 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	PNL-300 WIRING DIAGRAM

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

DO NOT SCALE THIS DRAWING

USED ON

NEXT ASS'Y

REV	DESCRIPTION	DRWN	CHKD	DATE	DCO#
2	ISSUE FOR CONSTRUCTION	RJV		11.25.96	0355
1	ISSUE FOR FDR UPDATE & BID	RJV	FAB	04.26.96	0129
0	ISSUE FOR FDR	DMcV	FAB	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 LEFT MID STATION

CAD FILE	SIZE	DWG. NO.	REV.
V0493203	D	V049-3-203	2
SCALE 3/16" = 1' - 0"		SHEET 1 OF 1	