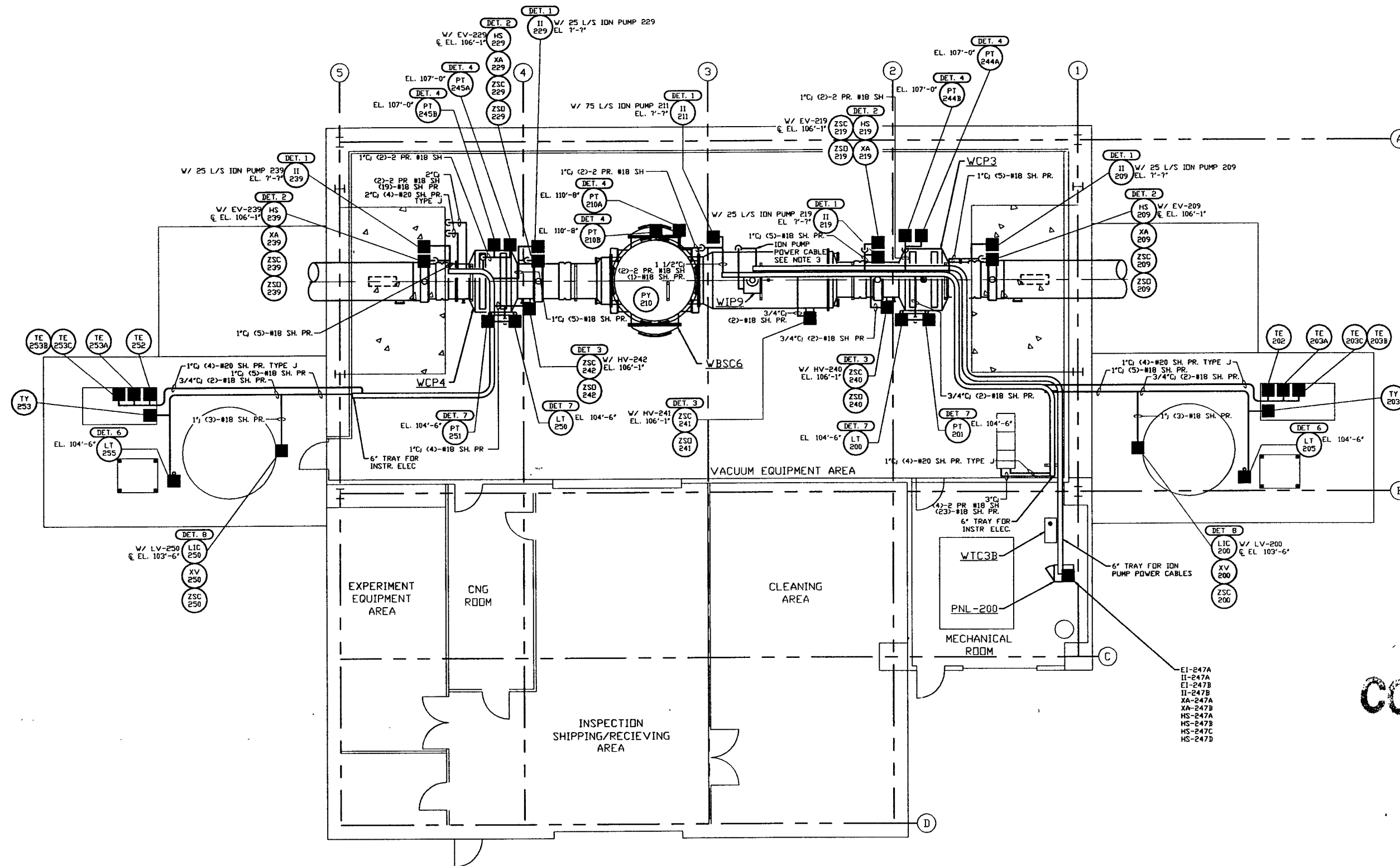


NOTES:

- 1) FOR INSTRUMENT ELECTRICAL INSTALLATION DETAILS SEE PSI DWG V049-3-007.
- 2) CONDUIT IS SHOWN DIAGRAMMATICALLY AND SHALL BE FIELD VERIFIED SO AS TO OPTIMIZE SUPPORTING MEANS AND TO AVOID INTERFERENCES WITH PIPING SYSTEMS.
- 3) ION PUMP POWER CABLES SHALL BE RUN IN 2" CABLE CHANNEL FROM ION PUMP DOWN TO 4" TRAY LOCATED UNDER BEAM TUBE.



NOT FOR
CONSTRUCTION

LEGEND

- INSTRUMENT ELECTRICAL CONNECTION
- ⊙ XX --- INSTRUMENT IDENTIFICATION
- ⊙ DET. X INSTALLATION DETAIL (SEE NOTE 1)

LIGO-D960577-00-V

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.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DWG. NO.</th> <th>DESCRIPTION</th> <th>DWG. NO.</th> <th>DESCRIPTION</th> </tr> <tr> <td>V049-3-307</td> <td>PNL-300 WIRING DIAGRAM</td> <td>V049-3-308</td> <td>CDS INTERFACE DIAGRAM</td> </tr> <tr> <td>V049-3-301</td> <td>INSTRUMENT PLAN WASHINGTON RIGHT MID STATION</td> <td></td> <td></td> </tr> <tr> <td>V049-3-007</td> <td>INSTRUMENT ELECTRICAL INSTALLATION DETAILS</td> <td></td> <td></td> </tr> <tr> <td>V049-3-002</td> <td>WASHINGTON OVERALL SITE PLAN</td> <td></td> <td></td> </tr> <tr> <td>V049-3-001</td> <td>GENERAL NOTES & LEGEND</td> <td></td> <td></td> </tr> <tr> <td>V049-0-016</td> <td>P & I D WASHINGTON RIGHT MID STATION</td> <td></td> <td></td> </tr> </table>	DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION	V049-3-307	PNL-300 WIRING DIAGRAM	V049-3-308	CDS INTERFACE DIAGRAM	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			V049-0-016	P & I D WASHINGTON RIGHT MID STATION			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>UNLESS OTHERWISE SPECIFIED</th> <th>DO NOT SCALE THIS DRAWING</th> <th>ISSUE FOR</th> <th>DATE</th> <th>REV</th> </tr> <tr> <td> DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL & DECIMALS: .005" BEND AS 2" TWO PLACE DECIMAL: .01" THREE PLACE DECIMAL: .005" FINISHED SURFACE RING BREAK CORNERS IN BUT REMOVE ALL BURRS </td> <td>0</td> <td>ISSUE FOR FDR</td> <td>04.26.96</td> <td>0129</td> </tr> <tr> <td>USED ON:</td> <td>REV</td> <td>DESCRIPTION</td> <td>CHKD</td> <td>DRWN</td> </tr> <tr> <td>NEXT ASS'Y:</td> <td></td> <td>ISSUE DESCRIPTION</td> <td>DATE</td> <td>DESB</td> </tr> </table>	UNLESS OTHERWISE SPECIFIED	DO NOT SCALE THIS DRAWING	ISSUE FOR	DATE	REV	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL & DECIMALS: .005" BEND AS 2" TWO PLACE DECIMAL: .01" THREE PLACE DECIMAL: .005" FINISHED SURFACE RING BREAK CORNERS IN BUT REMOVE ALL BURRS	0	ISSUE FOR FDR	04.26.96	0129	USED ON:	REV	DESCRIPTION	CHKD	DRWN	NEXT ASS'Y:		ISSUE DESCRIPTION	DATE	DESB	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td> PROCESS SYSTEMS INTERNATIONAL, INC. 20 WALKUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA </td> <td style="text-align: center;"> INSTRUMENT ELECTRICAL PLAN LIGO VACUUM EQUIPMENT WASHINGTON SITE LEFT MID STATION </td> </tr> <tr> <td> CAB FILE: V0493203 SIZE: D DWG. NO.: V049-3-203 SCALE: 3/16" = 1' - 0" SHEET: 1 OF 1 </td> <td style="text-align: center;"> REV: 0 DATE: 04.26.96 CHKD: [Signature] DRWN: [Signature] </td> </tr> </table>	PROCESS SYSTEMS INTERNATIONAL, INC. 20 WALKUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA	INSTRUMENT ELECTRICAL PLAN LIGO VACUUM EQUIPMENT WASHINGTON SITE LEFT MID STATION	CAB FILE: V0493203 SIZE: D DWG. NO.: V049-3-203 SCALE: 3/16" = 1' - 0" SHEET: 1 OF 1	REV: 0 DATE: 04.26.96 CHKD: [Signature] DRWN: [Signature]
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