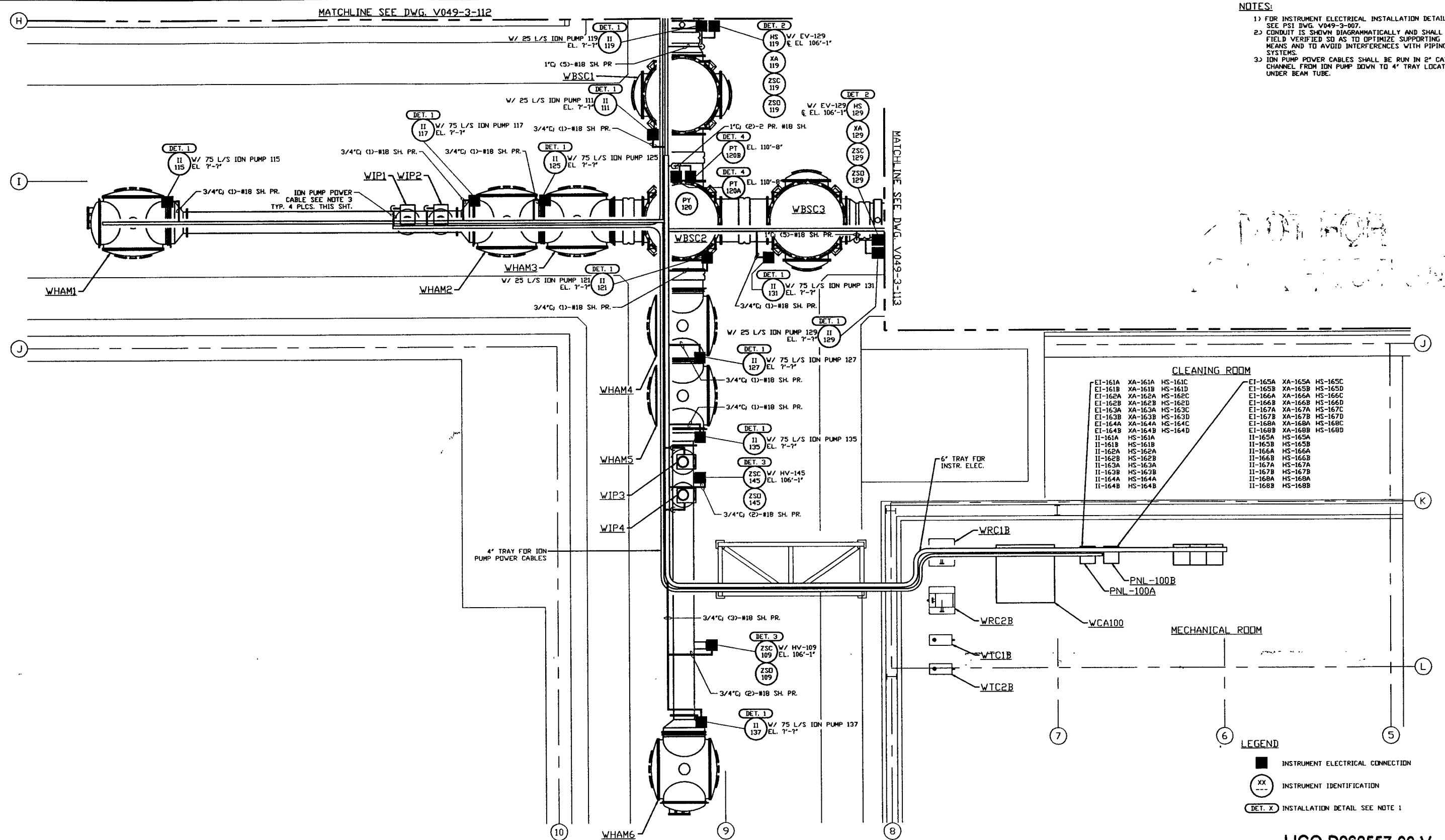


- NOTES:**
- FOR INSTRUMENT ELECTRICAL INSTALLATION DETAILS SEE PSI DWG. V049-3-007.
  - CONDUIT IS SHOWN DIAGRAMMATICALLY AND SHALL BE FIELD VERIFIED SO AS TO OPTIMIZE SUPPORTING MEANS AND TO AVOID INTERFERENCES WITH PIPING SYSTEMS.
  - ION PUMP POWER CABLES SHALL BE RUN IN 2" CABLE CHANNEL FROM ION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



**CLEANING ROOM**

EI-161A	XA-161A	HS-161C	EI-165A	XA-165A	HS-165C
EI-161B	XA-161B	HS-161D	EI-165B	XA-165B	HS-165D
EI-162A	XA-162A	HS-162C	EI-166A	XA-166A	HS-166C
EI-162B	XA-162B	HS-162D	EI-166B	XA-166B	HS-166D
EI-163A	XA-163A	HS-163C	EI-167A	XA-167A	HS-167C
EI-163B	XA-163B	HS-163D	EI-167B	XA-167B	HS-167D
EI-164A	XA-164A	HS-164C	EI-168A	XA-168A	HS-168C
EI-164B	XA-164B	HS-164D	EI-168B	XA-168B	HS-168D
II-161A	HS-161A		II-165A	HS-165A	
II-161B	HS-161B		II-165B	HS-165B	
II-162A	HS-162A		II-166A	HS-166A	
II-162B	HS-162B		II-166B	HS-166B	
II-163A	HS-163A		II-167A	HS-167A	
II-163B	HS-163B		II-167B	HS-167B	
II-164A	HS-164A		II-168A	HS-168A	
II-164B	HS-164B		II-168B	HS-168B	

- LEGEND**
- INSTRUMENT ELECTRICAL CONNECTION
  - XX INSTRUMENT IDENTIFICATION
  - DET. X INSTALLATION DETAIL SEE NOTE 1

LIGO-D960557-00-V

PROPRIETARY AND CONFIDENTIAL	DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION
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	V049-3-101	INSTRUMENT PLAN WASHINGTON VERTEX SECTION		
	V049-3-007	INSTRUMENT ELECTRICAL INSTALLATION DETAILS		
	V049-3-002	WASHINGTON OVERALL SITE PLAN	V049-3-123	CDS INTERFACE DIAGRAM
	V049-3-001	GENERAL NOTES & LEGEND	V049-3-122	PNL-100A & PNL-100B WIRING DIAGRAM
	V049-0-013	P & I D WASHINGTON VERTEX SECTION	V049-3-113	INSTR. ELEC. PLAN WASHINGTON RIGHT BEAM MANIFOLD
	V049-0-013	P & I D WASHINGTON VERTEX SECTION	V049-3-113	INSTR. ELEC. PLAN WASHINGTON RIGHT BEAM MANIFOLD
	DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION
		REFERENCE DRAWINGS		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DO NOT SCALE THIS DRAWING	ISSUE FOR FDR	DATE	BY	CHKD	DRWN	DATE	DCDN
TOLERANCES: FRACTIONAL & ANGULAR: 0.005" & 30' PER 1" TWO PLACE DECIMAL & 10' THREE PLACE DECIMAL & 100' FINISHED SURFACE RIG BREAK CORNERS IN DWG REMOVE ALL DIMS	0	ISSUE FOR FDR	04.26.96	1029				
USED IN:	REV	DESCRIPTION						
NEXT ASS'Y:		ISSUE DESCRIPTION						

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

**INSTRUMENT ELECTRICAL PLAN**  
LIGO VACUUM EQUIPMENT  
WASHINGTON SITE  
VERTEX SECTION

CAD FILE: V0493111  
SIZE: D  
DWG. NO.: V049-3-111  
REV: 0

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