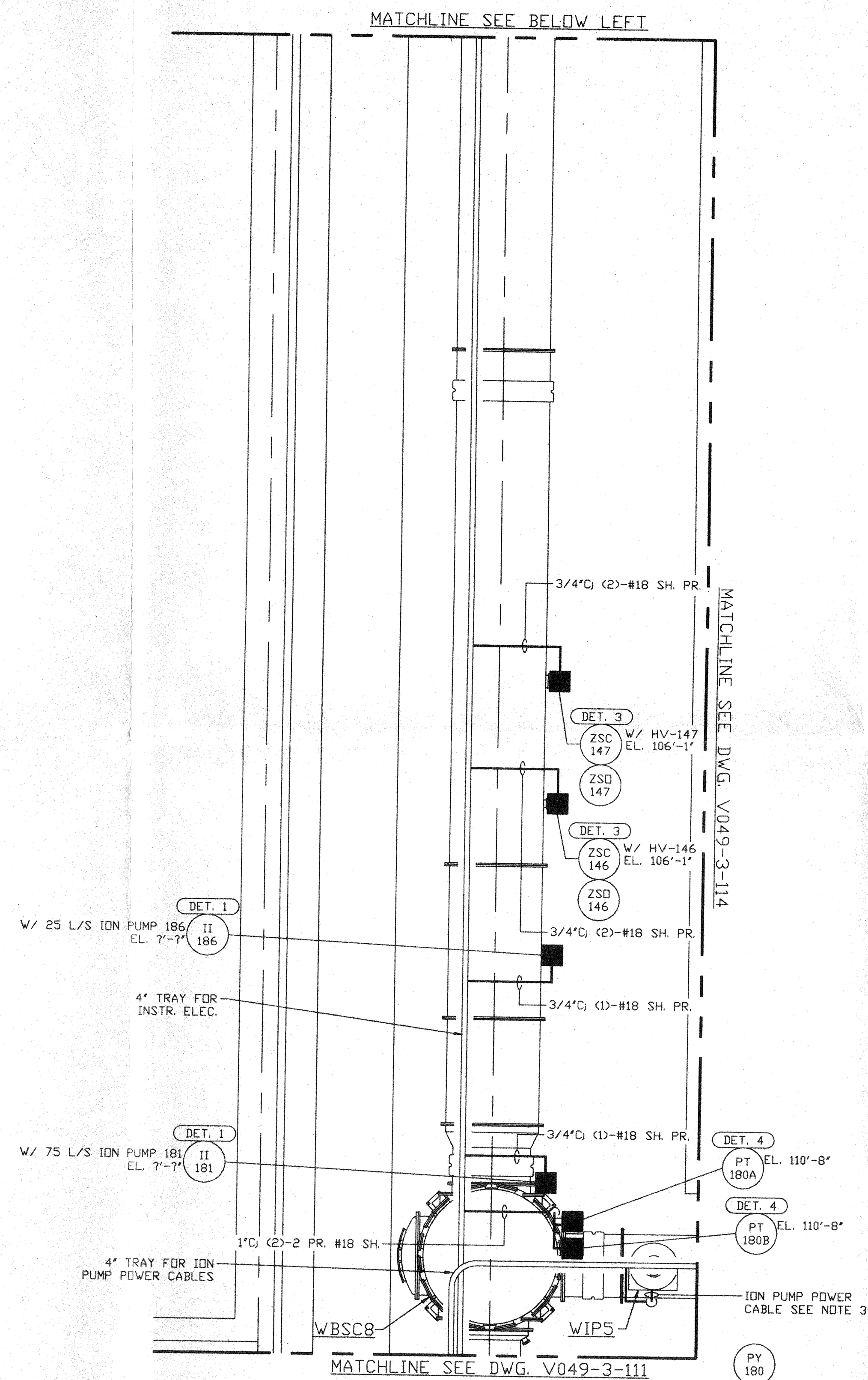
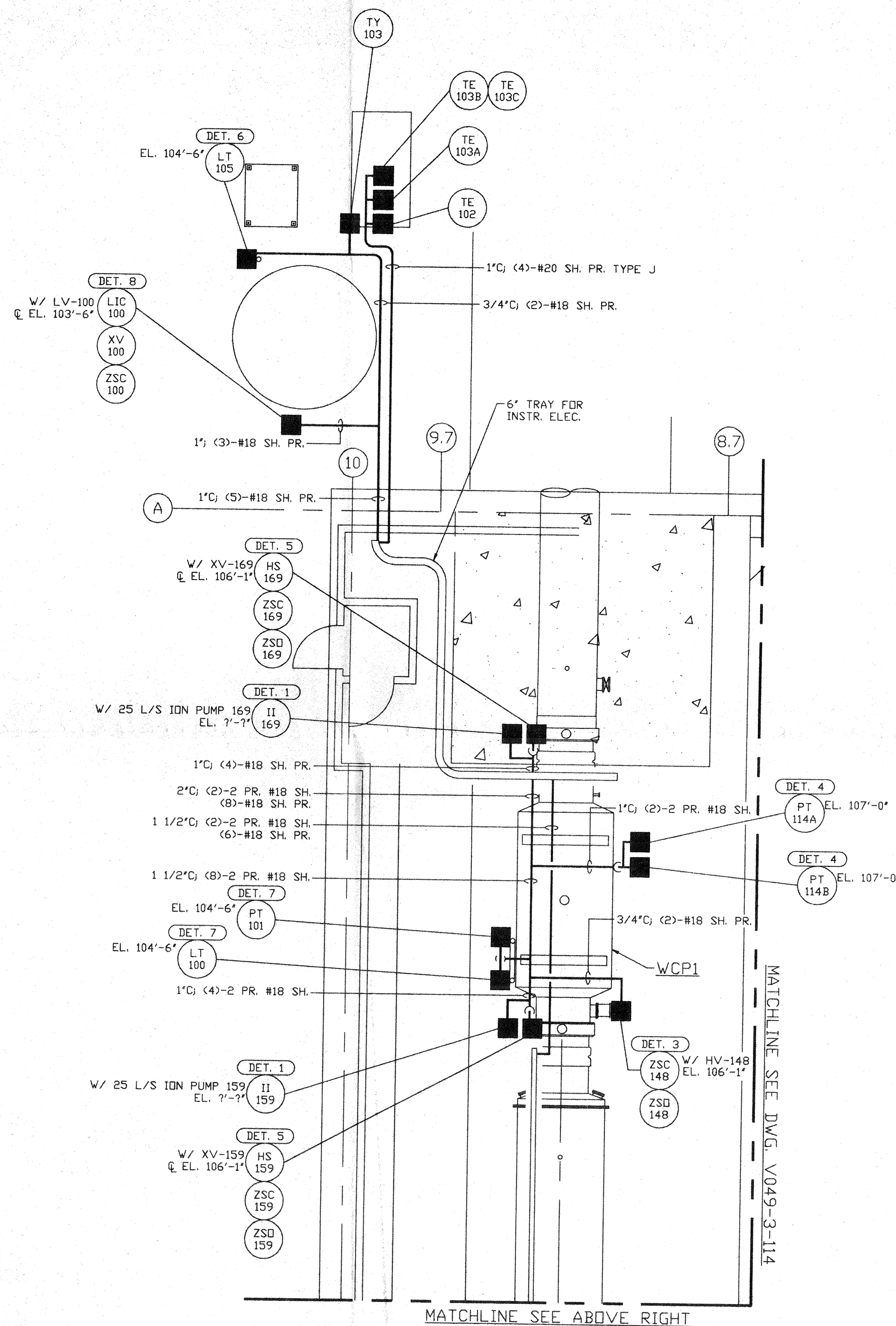


NOTES:

- 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

APR 30 1996

PROPRIETARY AND CONFIDENTIAL

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V049-3-111	INSTR. ELEC. PLAN WASHINGTON VERTEX SECTION		
V049-3-102	INSTRUMENT PLAN WASHINGTON LEFT BEAM MANIFOLD		
V049-3-007	INSTRUMENT ELECTRICAL INSTALLATION DETAILS		
V049-3-002	WASHINGTON OVERALL SITE PLAN		
V049-3-001	GENERAL NOTES & LEGEND	V049-3-123	CDS INTERFACE DIAGRAM
V049-0-012	P & I D WASHINGTON LEFT BEAM MANIFOLD	V049-3-114	INSTR. ELEC. PLAN WASHINGTON DIAGONAL SECTION
DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION

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

DO NOT SCALE THIS DRAWING 0 ISSUE FOR FDR


USED ON: REV  
 NEXT ASS'Y:

DESCRIPTION

ISSUE DESCRIPTION

D.W. FRB Rfw 04.26.96 0129  
 CHKD DRWN DATE DED#

D960558-00-V



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

**INSTRUMENT ELECTRICAL PLAN**  
 LIGO VACUUM EQUIPMENT  
 WASHINGTON SITE  
 LEFT BEAM MANIFOLD

CAD FILE V0493112	SIZE D	DWG. NO. V049-3-112	REV. 0
SCALE 3/16" = 1' - 0"		SHEET 1 OF 1	