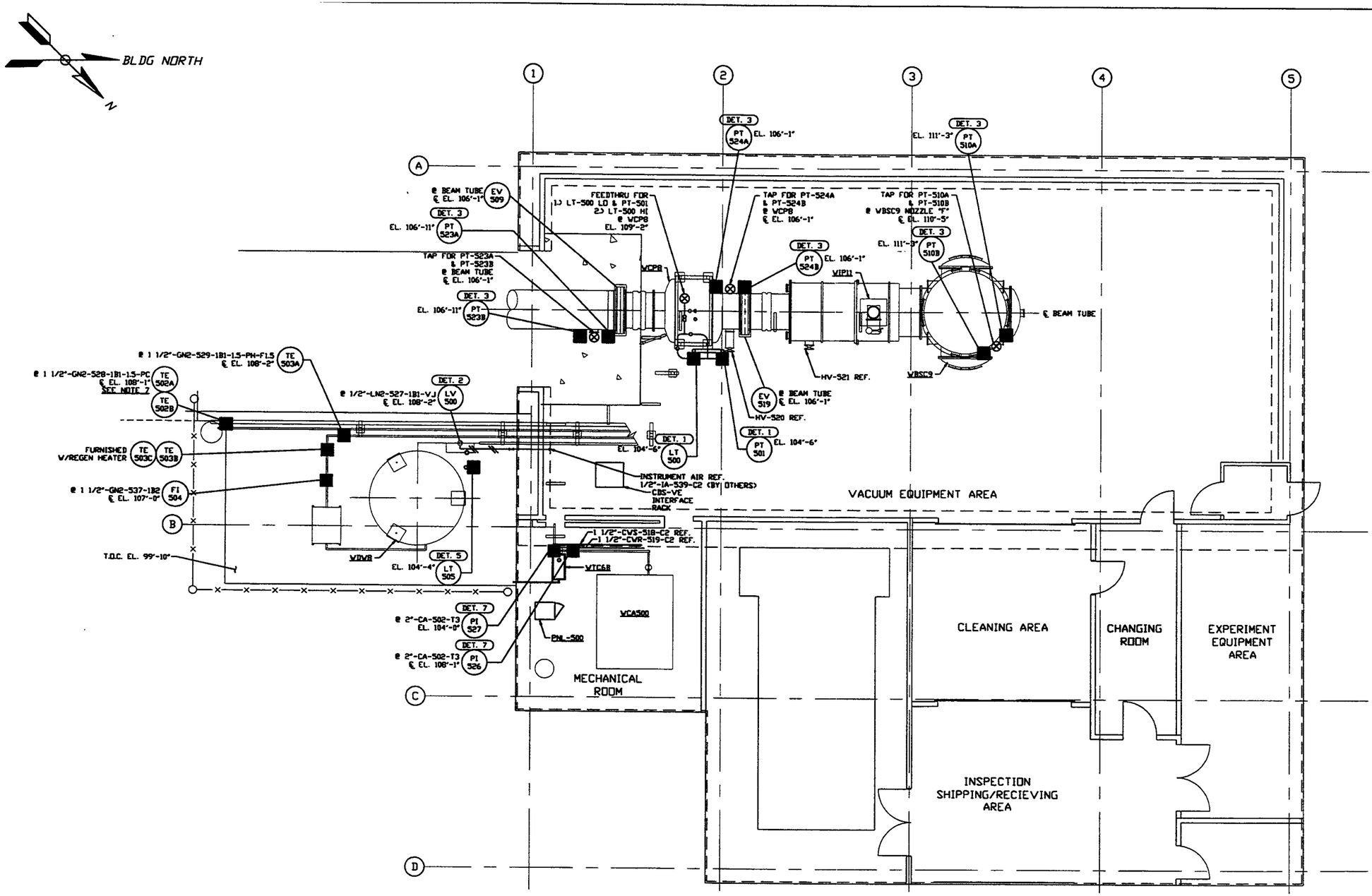
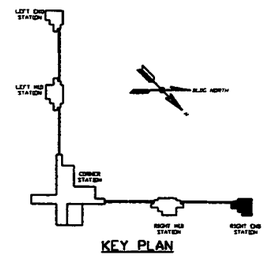


NOTES:

1.) FOR GENERAL NOTES & 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 INSTALLATION DETAILS SEE PSI DWG. #V049-3-008.
4.) ALL PROCESS TUBING SHALL BE 3/8" O.D. x .035 THK. SEAMLESS SSTL. TYPE 304.
5.) TUBING ROUTING SHOWN ON PLAN IS DIAGRAMMATICAL AND SHALL BE FIELD VERIFIED SO AS TO OPTIMIZE SUPPORTING MEANS AND TO AVOID INTERFERENCES WITH CONDUIT & PIPING SYSTEMS.
6.) ALL INSTRUMENT AIR TUBING SHALL BE 1/4", TYPE L, OR LARGER COPPER WITH BRASS COMPRESSION CONNECTORS.
7.) DUAL THERMOCOUPLE TE-502A/B SHALL BE LOCATED WITHIN 6 INCHES OF THE CHECK VALVE HEAT TAPE.



KEY PLAN

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

PROPRIETARY AND CONFIDENTIAL

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REFERENCE DRAWINGS

DWG. NO.	DESCRIPTION
V049-5-005	EQUIP. ARRANGEMENT WASHINGTON RIGHT END STATION
V049-3-008	INSTRUMENT INSTALLATION DETAILS
V049-3-002	WASHINGTON OVERALL SITE PLAN
V049-3-001	GENERAL NOTES & LEGEND
V049-0-017	P & I D WASHINGTON RIGHT END STATION
V049-0-006	P & I D 80K CRYOPUMP

DWG. NO.	DESCRIPTION
V049-5-021	PIPING PLAN WASHINGTON RIGHT END STATION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ±2° BEND ±2°
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .005
FINISHED SURFACE RMS
BREAK CORNERS TO REMOVE ALL BURRS

DO NOT SCALE THIS DRAWING

USED ON

NEXT ASS'Y

REV	DESCRIPTION	CHKD	DRVN	DATE	DEC#
2	ISSUE FOR CONSTRUCTION	FAB	RJV	05.12.97	0480
1	ISSUE FOR FDR UPDATE & BID	DMcV	RJV	11.25.96	0355
0	ISSUE FOR FDR	DMcV	RJV	04.26.96	0129

ISSUE DESCRIPTION

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

INSTRUMENT PLAN
LIGO VACUUM EQUIPMENT
WASHINGTON SITE
RIGHT END STATION

CAD FILE	SIZE	DWG. NO.	REV.
V0493501	D	V049-3-501	2

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

LIGO-D960599-02-V