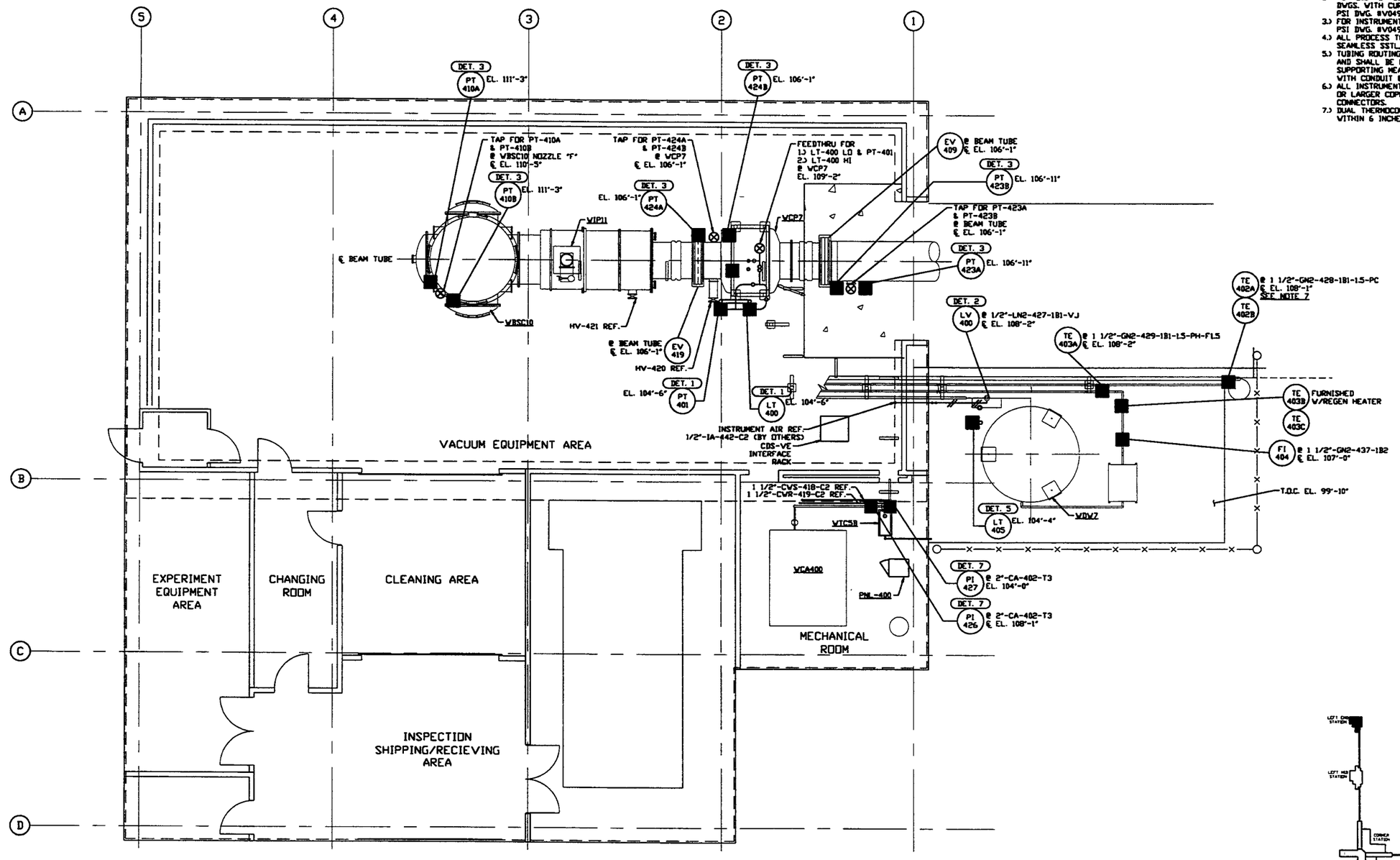
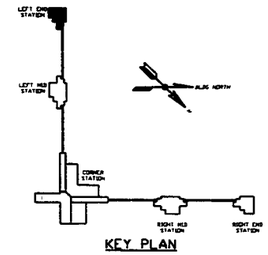
BLDG NORTH

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-402A/B SHALL BE LOCATED WITHIN 6 INCHES OF THE CHECK VALVE HEAT TAPE.




KEY PLAN

## LEFT END STATION PLAN @ EL. 100'-0"

PROPRIETARY AND CONFIDENTIAL

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REFERENCE DRAWINGS

| DWG. NO. | DESCRIPTION | DWG. NO. | DESCRIPTION |
|---|---|---|---|
| V049-5-007 | EQUIP. ARRANGEMENT WASHINGTON LEFT END STATION | | |
| V049-3-008 | INSTRUMENT INSTALLATION DETAILS | | |
| V049-3-002 | WASHINGTON OVERALL SITE PLAN | | |
| V049-3-001 | GENERAL NOTES & LEGEND | | |
| V049-0-010 | P & I D WASHINGTON LEFT END STATION | | |
| V049-0-006 | P & I D 80K CRYOPUMP | V049-5-030 | PIPING PLAN WASHINGTON LEFT END STATION |

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULARINCH ±0°-20' XCHR ±2°
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 | CHKD | DRVN | DATE | DES# |
|---|---|---|---|---|---|
| 2 | ISSUE FOR CONSTRUCTION | | RJV | 05.12.97 | 0480 |
| 1 | ISSUE FOR FDR UPDATE & BID | DMcV | RJV | 11.25.96 | 0355 |
| 0 | ISSUE FOR FDR | DMcV | FAB | 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
LEFT END STATION

| CAD FILE | SIZE | DWG. NO. | REV. |
|---|---|---|---|
| V0493401 | D | V049-3-401 | 2 |
| SCALE 3/16" = 1' - 0" | | SHEET 1 OF 1 | |

LIGO-D960591-02-V