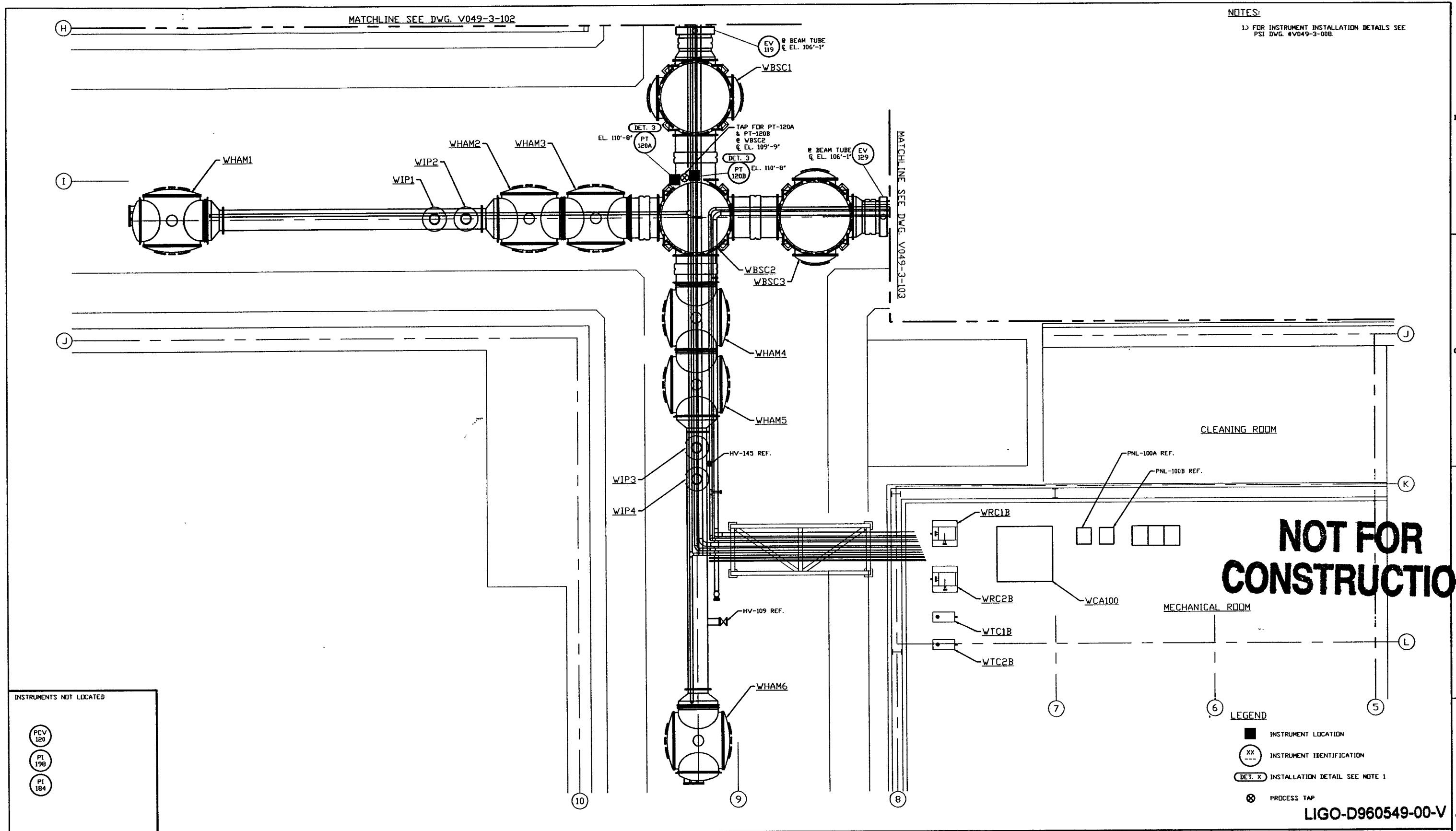


NOTES:  
 1) FOR INSTRUMENT INSTALLATION DETAILS SEE  
 PSI DWG. #V049-3-00B



**NOT FOR  
 CONSTRUCTION**

- INSTRUMENTS NOT LOCATED
- PCV 120
  - PI 198
  - PI 184

- LEGEND
- INSTRUMENT LOCATION
  - ⊙ XX INSTRUMENT IDENTIFICATION
  - ⊙ DET. X INSTALLATION DETAIL SEE NOTE 1
  - ⊗ PROCESS TAP

LIGO-D960549-00-V

|   |            |  |          |             |   |                           |     |               |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|------------|--|----------|-------------|---|---------------------------|-----|---------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <p><b>PROPRIETARY AND CONFIDENTIAL</b></p> <p>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.</p> | V049-5-001 | EQUIP. ARRANGEMENT WASHINGTON VERTEX SECTION |          |             | <p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</p> <p>TOLERANCES:<br/>         FINISHING: ± .005 INCHES<br/>         MILLING: ± .005 INCHES<br/>         TWO PLACE DECIMAL, ± .01 INCHES<br/>         THREE PLACE DECIMAL, ± .005 INCHES<br/>         FINISHED SURFACE DIMS: BREAK CORNERS TO .005"<br/>         REMOVE ALL BURRS</p> |                           |     |               |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | V049-3-00B | INSTRUMENT INSTALLATION DETAILS              |          |             |   | DO NOT SCALE THIS DRAWING | 0   | ISSUE FOR FDR |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | V049-3-002 | WASHINGTON OVERALL SITE PLAN                 |          |             |   | USED ON:                  | REV | DESCRIPTION   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | V049-3-001 | GENERAL NOTES & LEGEND                       |          |             |   | NEXT ASSY:                |     |               |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | V049-0-013 | P & I D WASHINGTON VERTEX SECTION            |          |             |   |                           |     |               |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | DWG. NO.   | DESCRIPTION                                  | DWG. NO. | DESCRIPTION |   |                           |     |               |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   |            | REFERENCE DRAWINGS                           |          |             |   |                           |     |               |  |  |  |  |  |  |  |  |  |  |  |  |  |

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

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

CAD FILE: V0493101  
 SIZE: D  
 DWG. NO.: V049-3-101  
 REV: 0

DATE: 04/26/96  
 TIME: 0129

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

SHEET: 1 OF 1