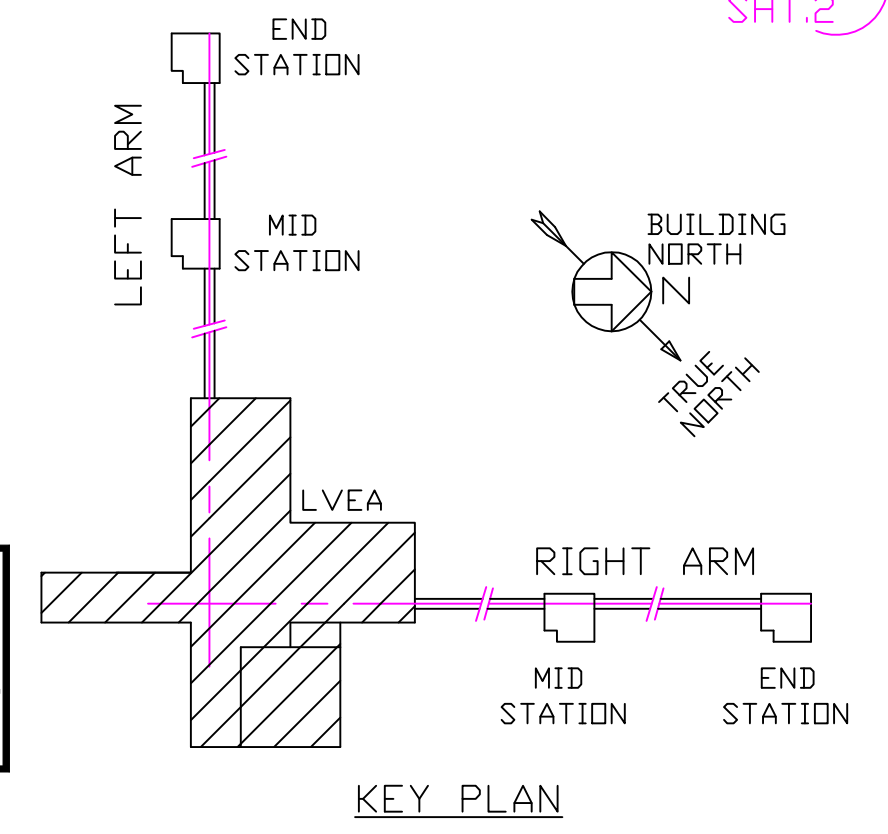


- LEGEND**
- [A] 3 WAY ANCHOR
  - [SG] SUPPORT/GUIDE (AXIALLY FLEXIBLE)
  - [S] VALVE SUPPORT
  - [ ] GATE VALVE ION PUMP LOCATION
  - [VS] VALVE SEAL SIDE OF LARGE GATE VALVE

- NOTES:**
1. ALL GATE VALVES ARE SUPPLIED BY PSI.
  - NOTE: SPECIAL BOLTS AND WASHERS ARE REQUIRED TO CONNECT SPOOL FLANGES TO 44" AND 48" GATE VALVES. USE PSI P/N 203567 FOR BOLTS AND PSI P/N 203568 FOR WASHERS. SEE BUILDING BOM V049100WA FOR MATERIALS.
  - FOR ORIENTATION OF LARGE GATE VALVES SEE SIDE OF VALVE NOTED BY SYMBOL 'VS' IN PLAN BELOW. ALL 6", 10" & 14" GATE VALVES ARE TO HAVE SEAL SIDE MOUNTED TOWARD VESSEL.
  2. SEE SPEC. V049-2-021 FOR INSTALLATION/ COMMISSIONING INFORMATION.
  3. FOR TUBING/ PIPE SUPPORT REQUIREMENTS, SEE SPEC. V049-2-021, SECTION 10.
  4. SEE DWG. D V049-4-011 FOR TURBO PUMP CART INSTALLATION. 2 UNITS REQUIRED IN CORNER STATION.
  5. SEE DWG. D V049-4-010 FOR MAIN ROUGHING PUMP CART INSTALLATION. 2 UNITS REQUIRED IN CORNER STATION.
  6. LN<sub>2</sub> TANK ANCHOR BOLTS INSTALLED BY OTHERS.
  7. ORIENTATION OF BSC'S IS TO HAVE 0° CENTERLINE POSITIONED AS SHOWN.

NOTE: FOR ANCHOR BOLTS AND VIBRATION ISOLATION PAD REQUIREMENTS UNDER MECH. ROOM EQUIPMENT AND ELECTRICAL CABINETS, SEE DWG. V049-5-014, SHT 2 DF 3.

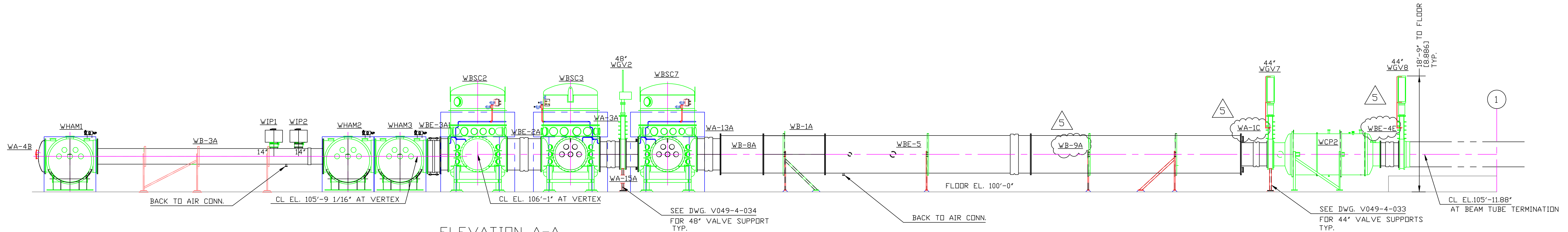


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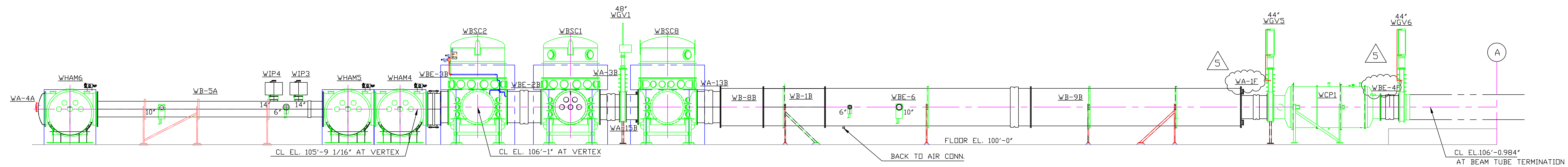
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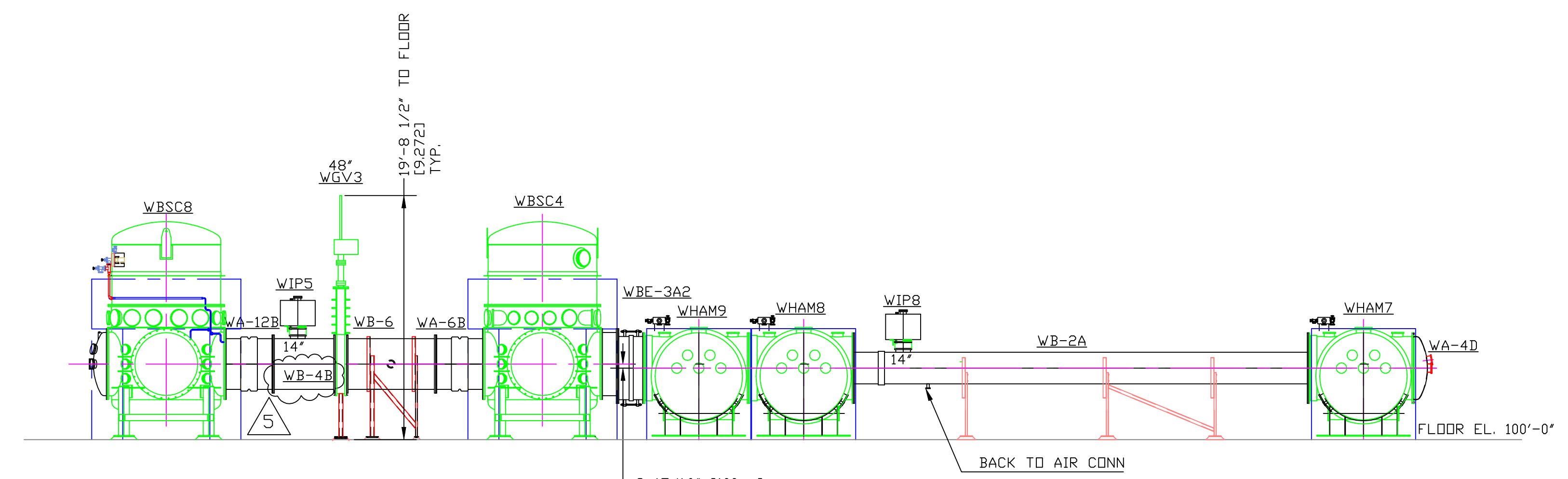




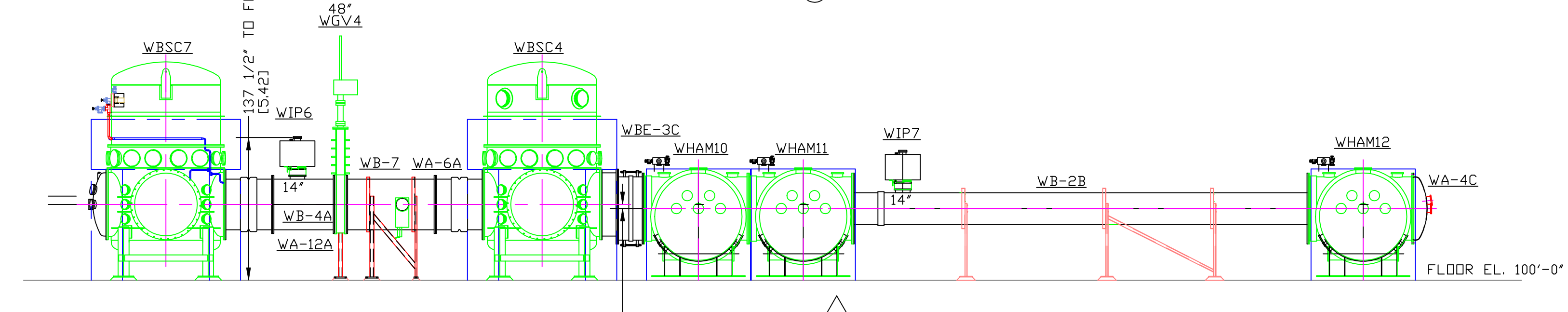
ELEVATION A-A  
VERTEX SECTION - RIGHT BEAM MANIFOLD



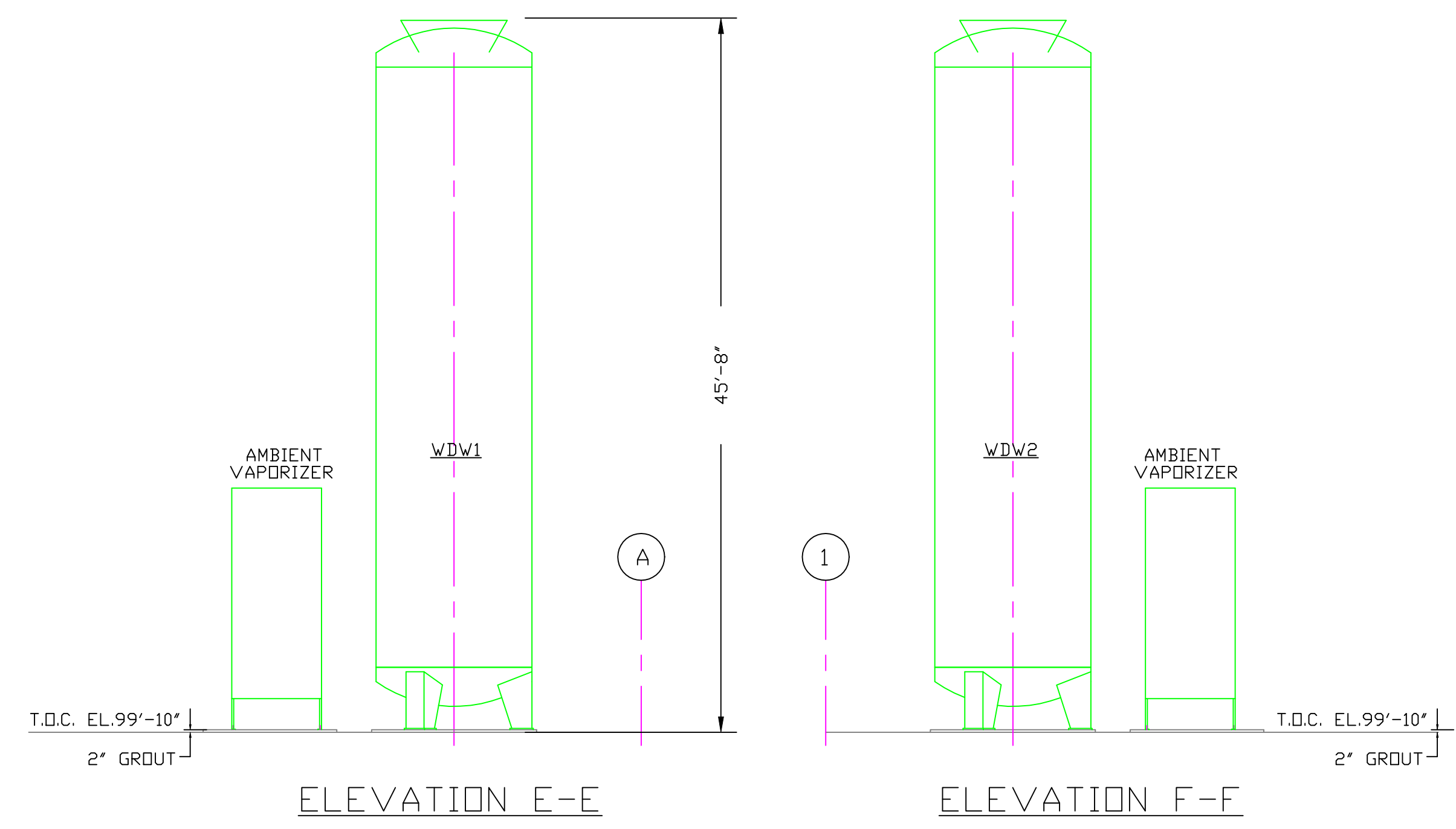
ELEVATION B-B  
VERTEX SECTION - LEFT BEAM MANIFOLD



ELEVATION C-C  
RIGHT BEAM MANIFOLD - DIAGONAL SECTION



ELEVATION D-D  
LEFT BEAM MANIFOLD - DIAGONAL SECTION



ELEVATION E-E

ELEVATION F-F

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<b>EQUIPMENT ARRANGEMENT ELEVATION</b> <b>CORNER STATION WASHINGTON LIGD VACUUM EQUIPMENT</b>			
CAD FILE	SIZE	DWG. NO.	REV.
V0495001/5001S2	D	V049-5-001	5
SCALE	SHEET		
1/8" = 1'-0"	2 OF 2		

MAY 22, 1998 - 101908

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8 | 7 | 6 | 5 | 4 | 3 | 2 | 1