

- NOTES:
1. ALL THERMOCOUPLES ARE LOCATED INSIDE OF AUTOCLAVE EXCEPT TC-CH1 & CH2.
 2. FIELD TO INSTALL WELD STUDS 1/4-20 X 1" LONG FOR ALL BOLT ON THERMOCOUPLES.
 3. FIELD TO FABRICATE AND INSTALL A WIRE CLAMP NEAR THERMOCOUPLE FEEDTHRU.
 4. SUPPLEMENTAL CABLE CLAMPS MUST BE INSTALLED AS REQUIRED ALONG VESSEL SHELL AND FLOOR FOR THERMOCOUPLE WIRES.

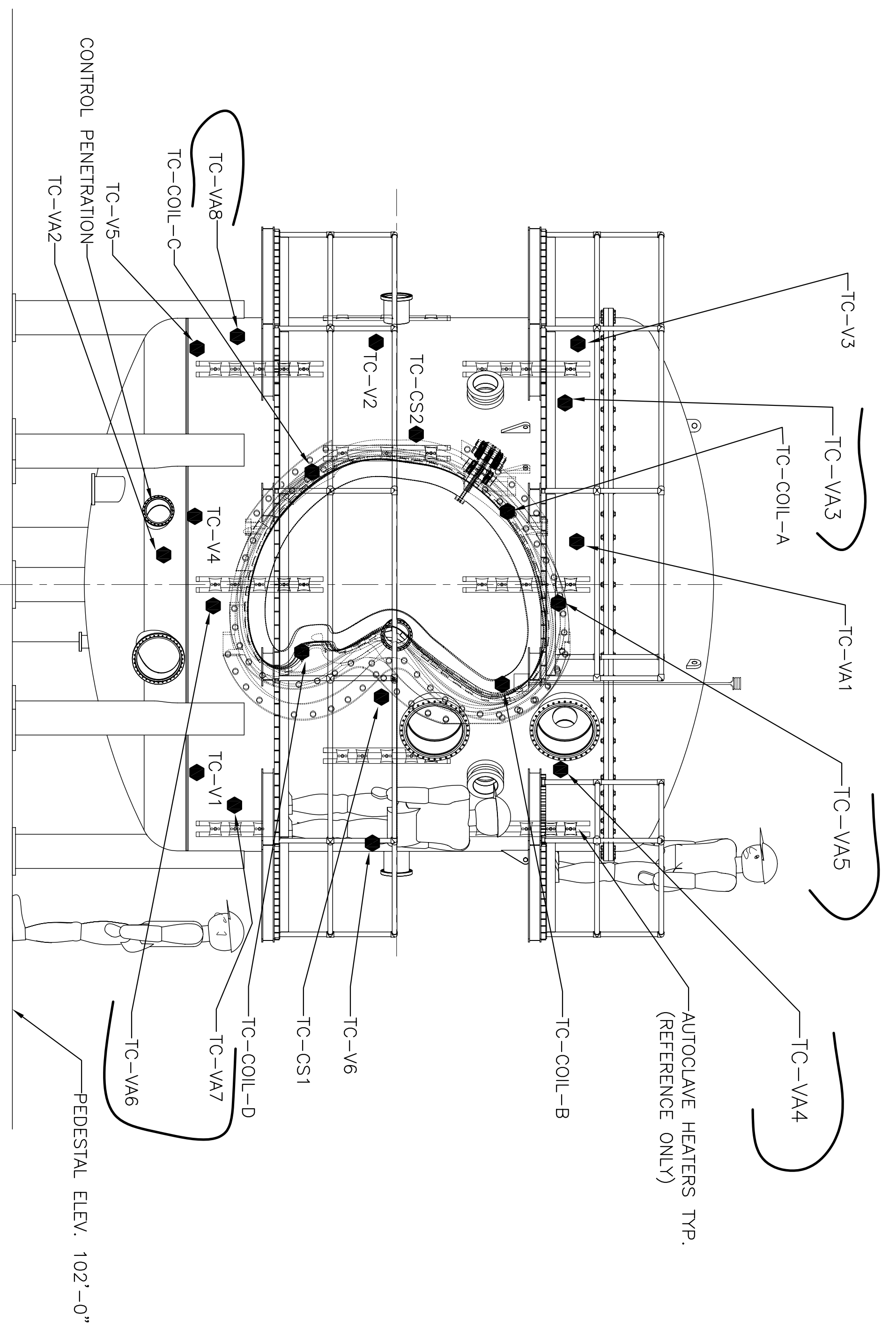
LEGEND:

- TC-CH1 CIRCULATION HEATED AIR SYSTEM (NOT SHOWN) REF. SE144E020.
- TC-CH2 CIRCULATION HEATED AIR SYSTEM (NOT SHOWN) REF. SE144E020.
- TC-CS1 MODULAR SUPPORT STRUCTURE
- TC-CS2 MODULAR SUPPORT STRUCTURE
- TC-COIL-A COIL BODY
- TC-COIL-B COIL BODY
- TC-COIL-C COIL BODY
- TC-COIL-D COIL BODY
- TC-VA1 VESSEL AIR TOP SECTION
- TC-VA2 VESSEL AIR LOWER SECTION
- TC-VA3 VESSEL FLOOR OUTER AREA
- TC-VA4 VESSEL SHELL MIDDLE AREA
- TC-VA5 VESSEL SHELL UPPER AREA
- TC-VA6 VESSEL FLOOR CENTER AREA
- TC-VA7 VESSEL FLOOR OUTER AREA
- TC-VA8 VESSEL SHELL MIDDLE AREA
- TC-VA3 VESSEL AIR TOP SECTION
- TC-VA4 VESSEL AIR TOP SECTION
- TC-VA5 VESSEL AIR TOP SECTION
- TC-VA6 VESSEL AIR LOWER SECTION
- TC-VA7 VESSEL AIR LOWER SECTION
- TC-VA8 VESSEL AIR LOWER SECTION

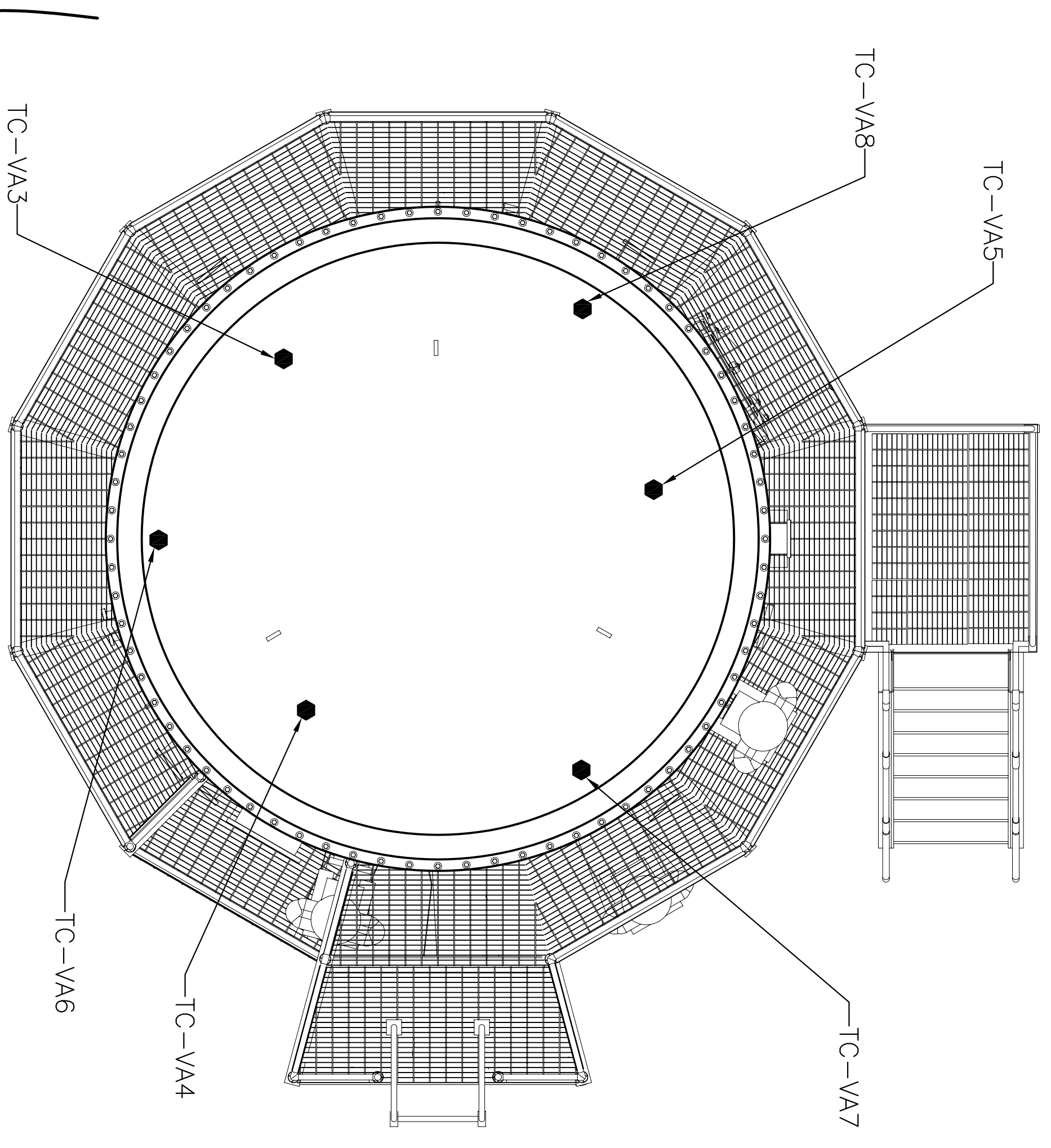
REFERENCE DRAWINGS:

- SD144E017 AUTOCLAVE AIR CIRC. MANUAL CNTRL. & METER CWD
- SD144E016 AUTOCLAVE METER #2 CWD
- SD144E015 AUTOCLAVE METER #1 CWD
- SE144E020 AUTOCLAVE SECTION @ ELEVATION 108'-6"
- SE144E021 AUTOCLAVE SECTION @ ELEVATION 115'-6"

AUTOCLAVE ELEVATION VIEW
(LOOKING NORTH)



AUTOCLAVE TOP VIEW
(AIR THERMOCOUPLE ABOVE VESSEL FLOOR ONLY)



NO.	REVISION	DATE
1	ECN#4870	6/04
ADDED 6 AIR THERMOCOUPLES AND TOP VIEW		
FJ	JN	JS
FJ		

BY APPROVED			
FJ	JN	JS	FJ

COMPUTER GENERATED DRAWING. MANUAL CHANGES NOT PERMITTED
AutocAD2000

PRINCETON PLASMA PHYSICS LABORATORY NATIONAL COMPACT STELLARATOR EXPERIMENT TOOLING AND WINDING MODULAR COILS AUTOCLAVE THERMOCOUPLE LOCATOR DRAWING ELEVATION VIEW			
DIV. ELECTRICAL	DATE: 3/14/03	CAAD FILE: SD144E024R1.DWG	
ENG: FRANK JONES	APPROVED F. JONES	SD144E024	
DWN: FRANK JONES	CHK: SUPV J.N.	J.S.	SHEET OF
CHK: JIM NELSON	J.N.	J.S.	REV 1

