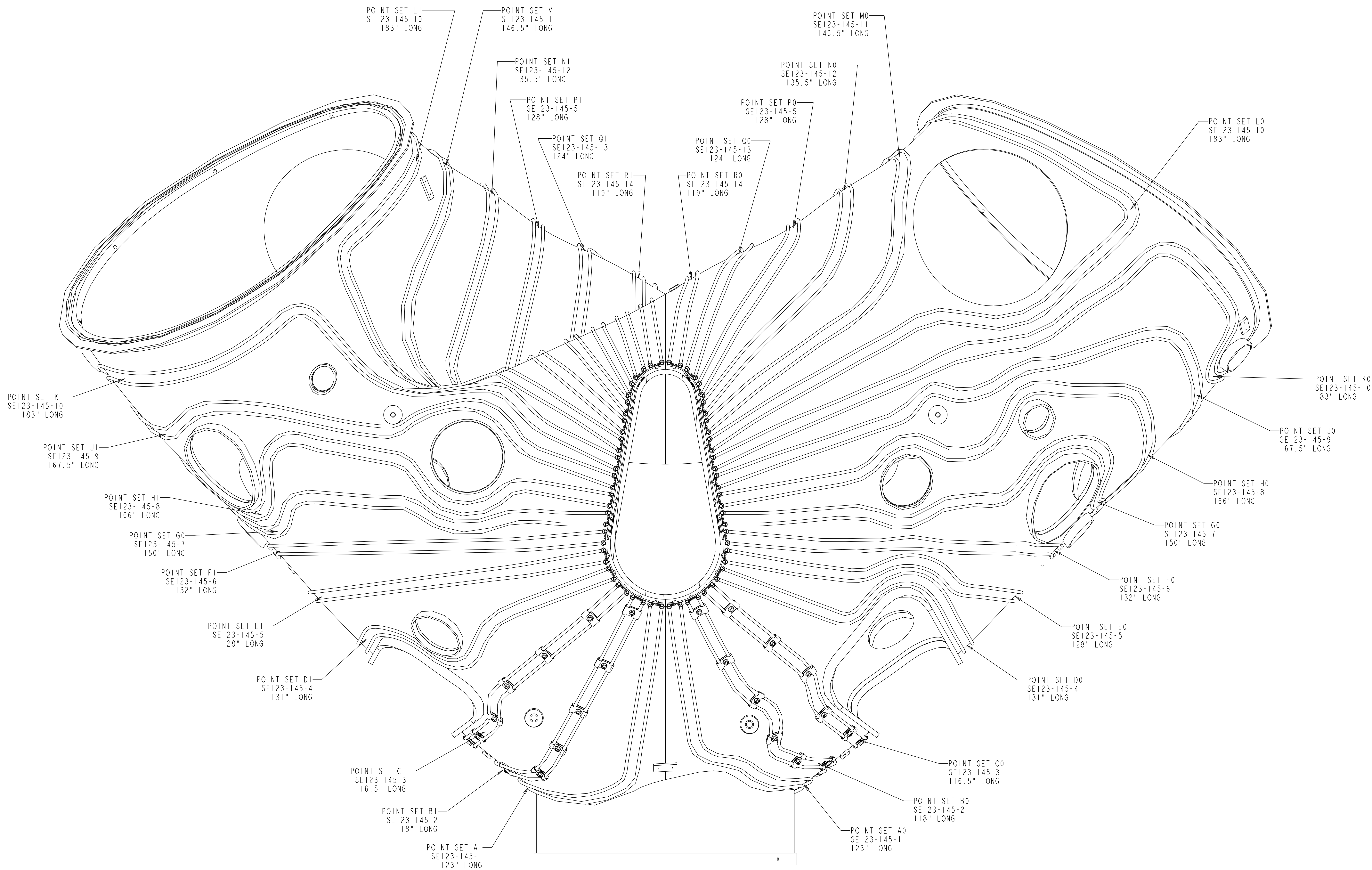
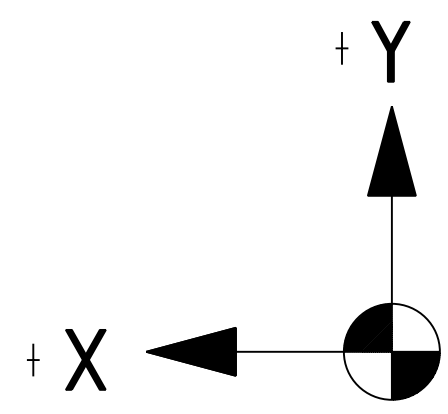
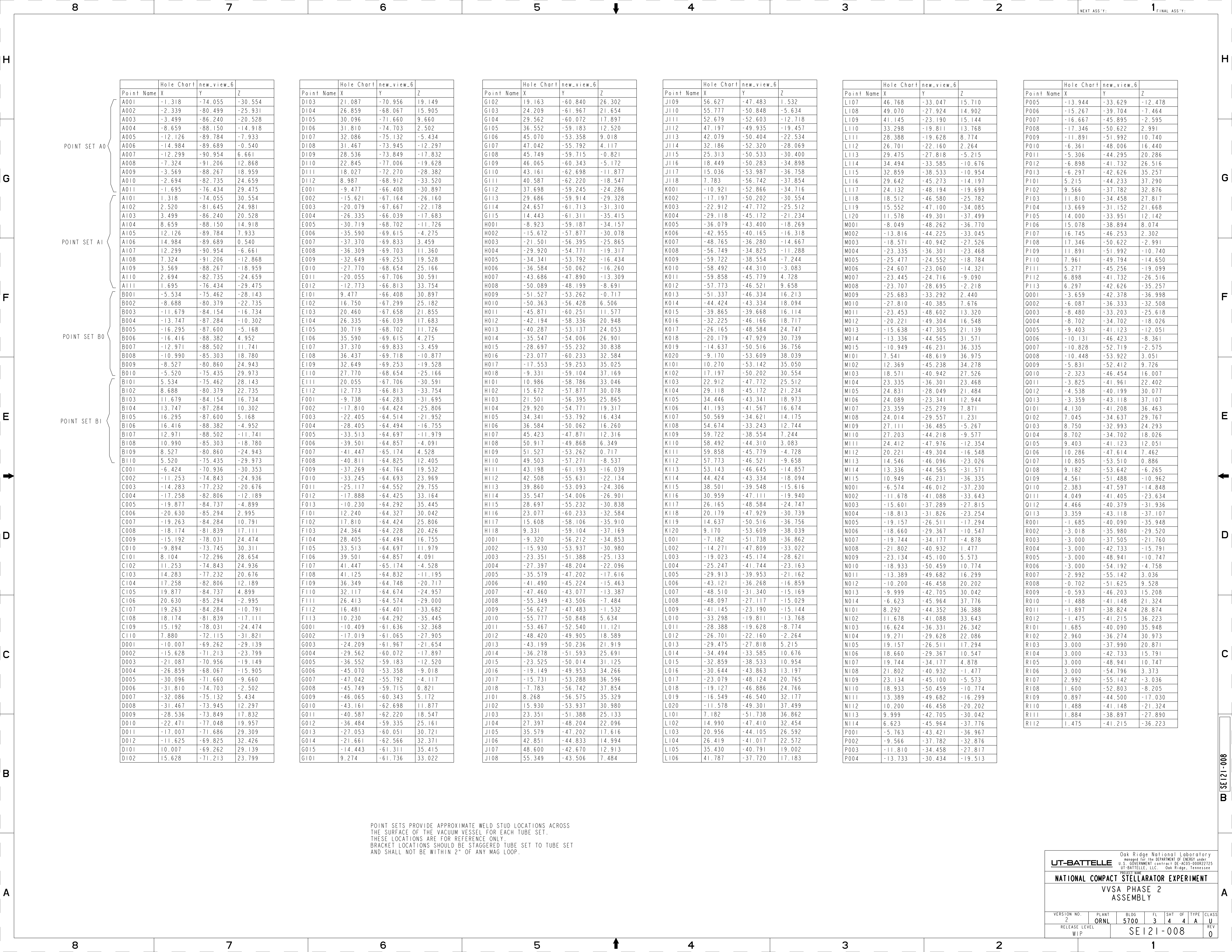


| | | | | | | | | | | |
|--|-------|-----------|----|-----|----|------|-------|-----|--|--|
| Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC, Oak Ridge, Tennessee PROJECT NAME: | | | | | | | | | | |
| UT-BATTELLE NATIONAL COMPACT STELLARATOR EXPERIMENT VVSA PHASE 2 ASSEMBLY | | | | | | | | | | |
| VERSION NO. | PLANT | BLDG | FL | SHT | OF | TYPE | CLASS | | | |
| proi_version | ORNL | 5700 | 3 | 2 | 4 | A | U | | | |
| RELEASE LEVEL | | SE121-008 | | | | | | REV | | |
| proi_release | | | | | | | | 0 | | |



HEATING / COOLING TUBE PATHS
ARE DEFINED BY POINT CHART ON
NEXT SHEET

| | | | | | | | |
|---|-------|---|----|-----|----|------|-------|
| UT-BATTELLE | | Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT CONTRACT DE-AC05-00OR22725 UT-BATTELLE, LLC, Oak Ridge, Tennessee | | | | | |
| PROJECT NAME | | | | | | | |
| NATIONAL COMPACT STELLARATOR EXPERIMENT | | | | | | | |
| VVSA PHASE 2 ASSEMBLY | | | | | | | |
| VERSION NO. | PLANT | BLDG | FL | SHT | OF | TYPE | CLASS |
| proi_version | ORNL | 5700 | 3 | 3 | 4 | A | U |
| RELEASE LEVEL | | SE121-008 | | | | REV | |
| proi_release | | | | | | 0 | |



POINT SET A0

Table with 4 columns: Point Name, Hole Chart X, Hole Chart Y, Hole Chart Z. Rows include A001 through A1102.

POINT SET A1

Table with 4 columns: Point Name, Hole Chart X, Hole Chart Y, Hole Chart Z. Rows include A101 through A1110.

POINT SET B0

Table with 4 columns: Point Name, Hole Chart X, Hole Chart Y, Hole Chart Z. Rows include B001 through B1110.

POINT SET B1

Table with 4 columns: Point Name, Hole Chart X, Hole Chart Y, Hole Chart Z. Rows include C001 through C1110.

Table with 4 columns: Point Name, Hole Chart X, Hole Chart Y, Hole Chart Z. Rows include D103 through D1102.

Table with 4 columns: Point Name, Hole Chart X, Hole Chart Y, Hole Chart Z. Rows include G102 through G1102.

Table with 4 columns: Point Name, Hole Chart X, Hole Chart Y, Hole Chart Z. Rows include J109 through J1106.

Table with 4 columns: Point Name, Hole Chart X, Hole Chart Y, Hole Chart Z. Rows include L107 through L1106.

Table with 4 columns: Point Name, Hole Chart X, Hole Chart Y, Hole Chart Z. Rows include P005 through P1112.

POINT SETS PROVIDE APPROXIMATE WELD STUD LOCATIONS ACROSS THE SURFACE OF THE VACUUM VESSEL FOR EACH TUBE SET. THESE LOCATIONS ARE FOR REFERENCE ONLY. BRACKET LOCATIONS SHOULD BE STAGGERED TUBE SET TO TUBE SET AND SHALL NOT BE WITHIN 2" OF ANY MAG LOOP.

UT-BATTELLE logo and project information: NATIONAL COMPACT STELLARATOR EXPERIMENT, VVSA PHASE 2 ASSEMBLY, VERSION NO. 2, PLANT ORNL, BLDG 5700, FL 3, SHT 4 OF 4, TYPE A, CLASS U, RELEASE LEVEL WIP, SEI21-008, REV 0.