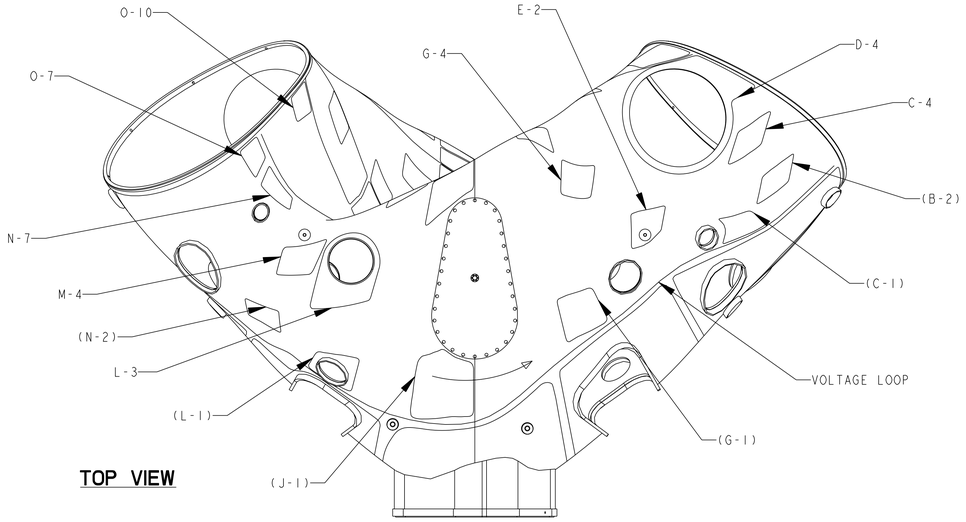
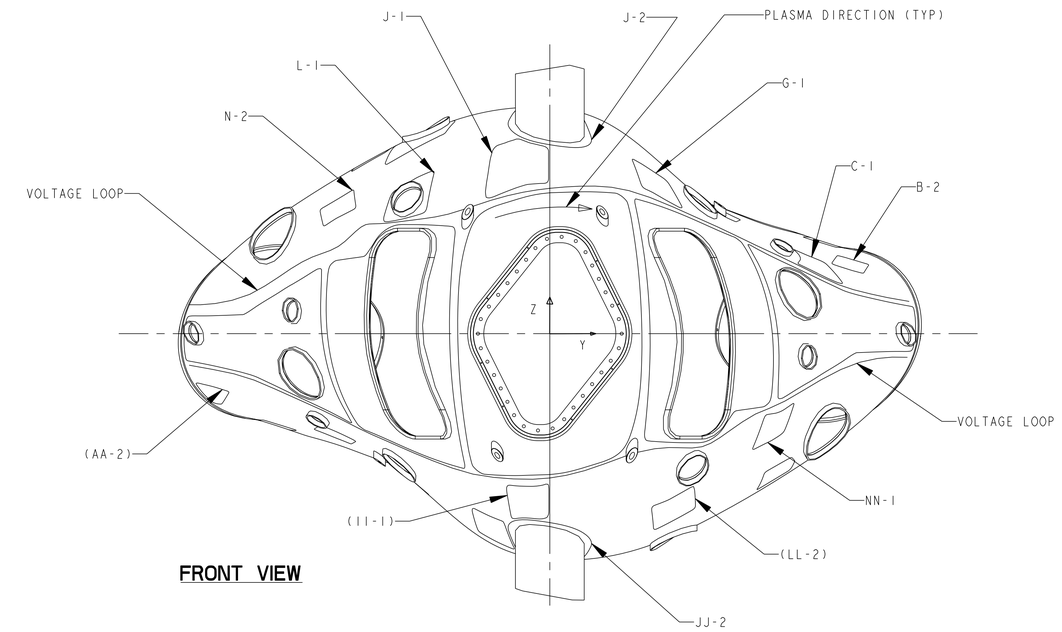
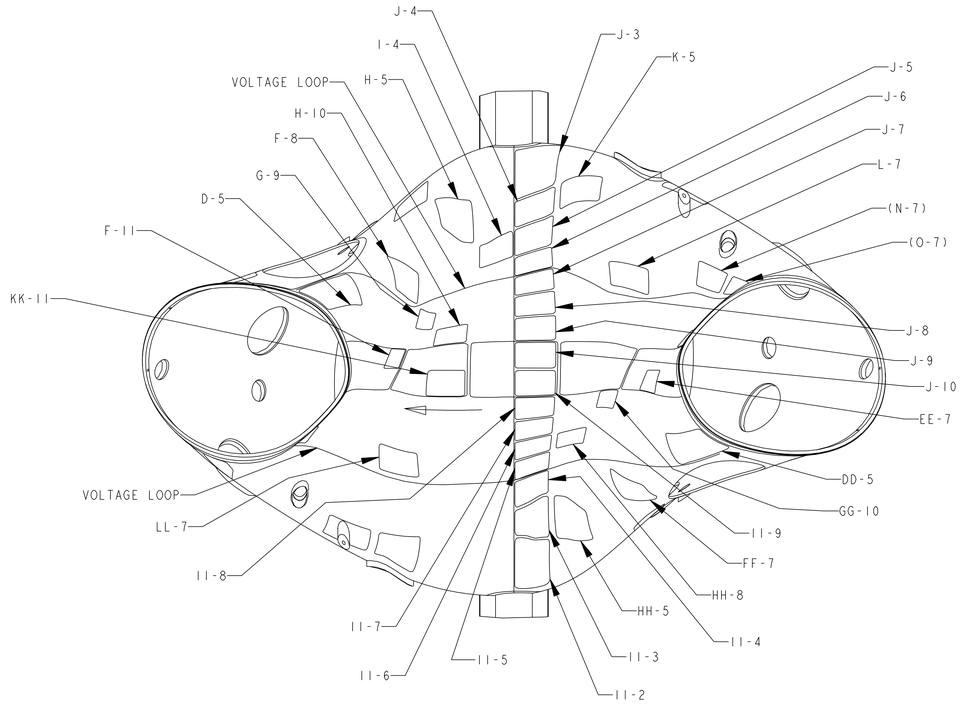
NO.	REVISION	BY	CH	SUP	APPROVED	DATE



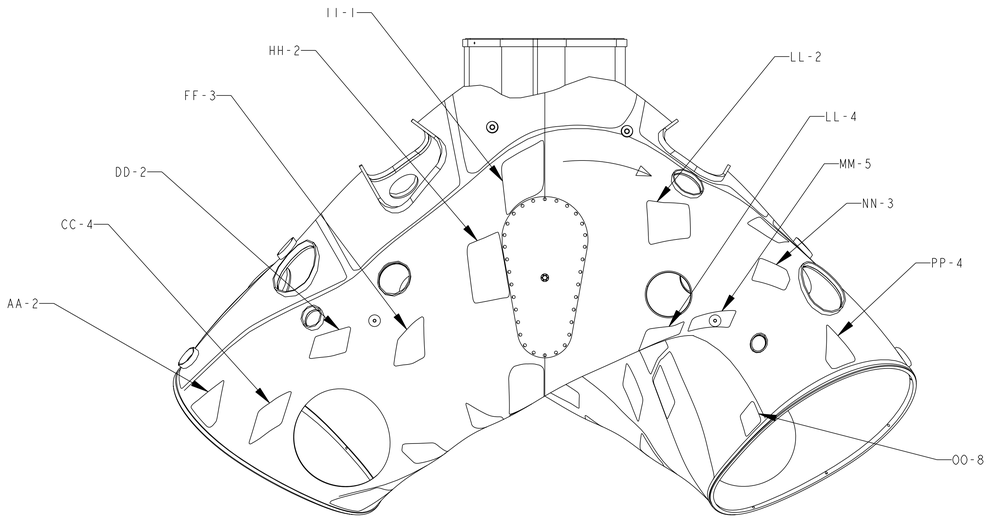
TOP VIEW



FRONT VIEW



BACK VIEW



BOTTOM VIEW

NOTES:

1. .DIMENSIONS ARE IN INCHES
2. FABRICATION, INSPECTION AND TESTING SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION NCSX-CSPEC-31-01-00
3. SEE DRAWING SE310-030-1 FOR FINAL THETA-PHI PLOT AND EXTERNAL FLUX LOOPS TWISTED LEAD ROUTING
4. THE LARGE MIDPLANE LOOP DETAILS CAN BE FOUND IN SE310-030-1
5. LOOP DATA POINTS ARE CONTAINED IN se310-030-2_pts.igs. LOOP POINTS AND CURVES ARE CONTAINED IN DATA FILE se310-030-2_asm.igs. INDIVIDUAL LOOP CURVES WITH POINTS ARE CONTAINED IN THE ZIP FILE TITLED, VVSA2_LOOPS.

RELEASED FOR FABRICATION / INSTALLATION

PPPL Drafting: ? Jerry Siegel 2007.01.16 14:20:35 -05'00'

PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY REQD
3	SE310-030-2	VV PERIOD 2 LOOP DETAILS	SEE NOTES	1
2	SE120-002	VACUUM VESSEL PERIOD ASSY	--	1
1	SE310-029	BASIC GEOMETRY FOR ALL LOOPS ON VV	--	1

PARTS LIST

COMPUTER GENERATED DRAWING
MANUAL CHANGES NOT PERMITTED

CENTRAL FILES:
UNLESS OTHERWISE SPECIFIED

Pro E

DO NOT VERIFY INFORMATION BY SCALING DRAWING

DIMENSIONS ARE IN INCHES
MACHINE SURFACES
BREAK SHARP EDGES .005/.020

TOLERANCES NON-CUMULATIVE

DECIMAL-INCH	FRACTIONS
.X +/-.100	0°-12° +/-1/16
.XX +/-.030	12°-72° +/-1/8
.XXX +/-.005	72°-120° +/-1/4
ANGULAR +/-0°-15'	OVER 120° +/-1/2

NEXT ASSEMBLY

WEIGHT

MODEL NAME
SE310-030-2

WELDING ENGINEER

PRINCETON PLASMA PHYSICS LABORATORY
PRINCETON UNIVERSITY
NATIONAL COMPACT STELLARATOR EXPERIMENT

VVSA2 MAGNETIC LOOP ARRANGEMENT DRAWING

DSN: T. BROWN	1/8/07	DRAWING NO:
CHK: M. COLE	1/8/07	SE310-030-2
ENGR: G LABIK	1/8/07	
SUPV: J. SIEGEL	1/8/07	SHEET 1 OF 1 REV 0

RELEASE LEVEL: Fabrication
DWG VERSION NO: 10

NCSX-SE310-030-2

NCSX_ASSY_FORMAT_E