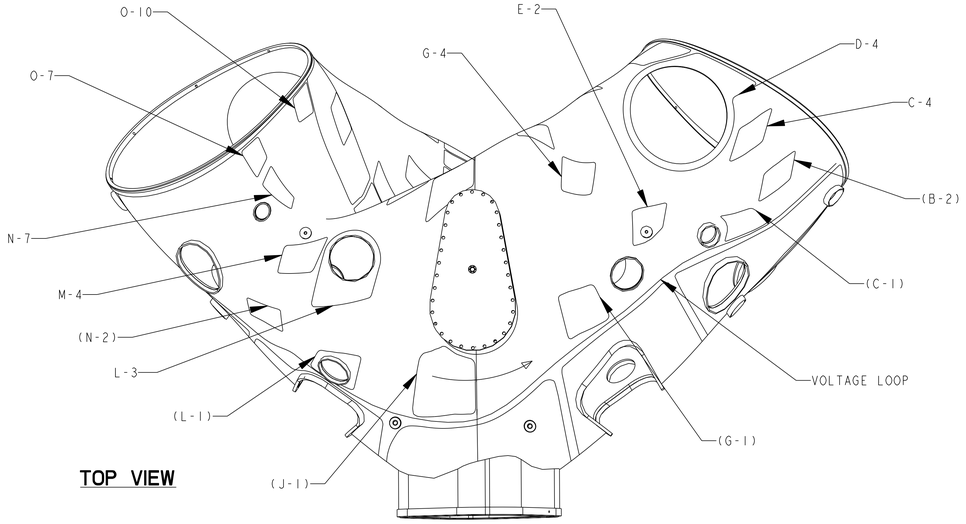
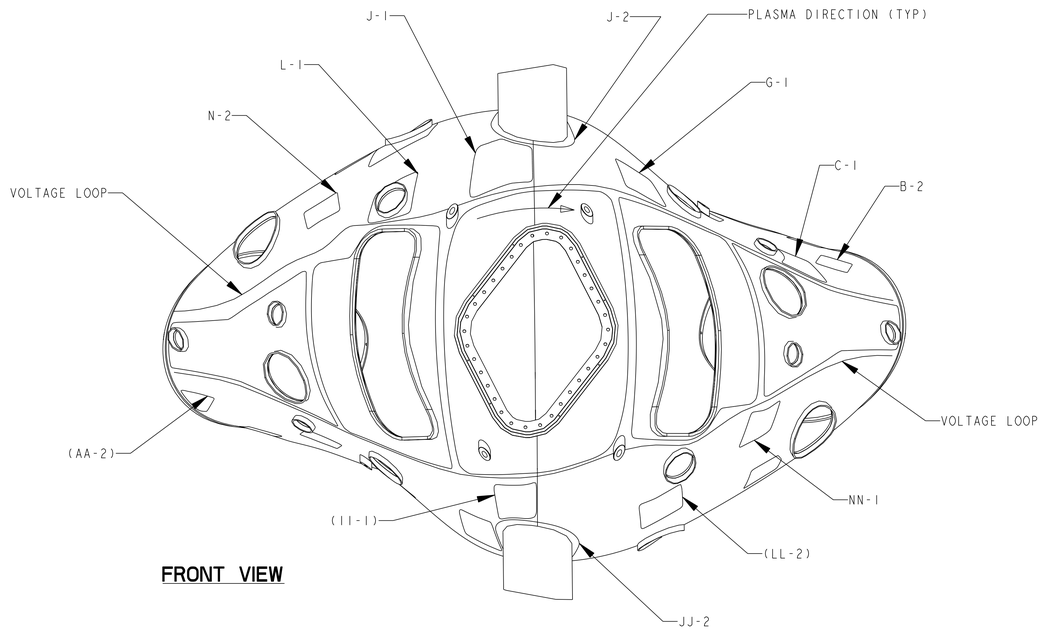
NO.	REVISION	BY	CH	SUP	APPROVED	DATE



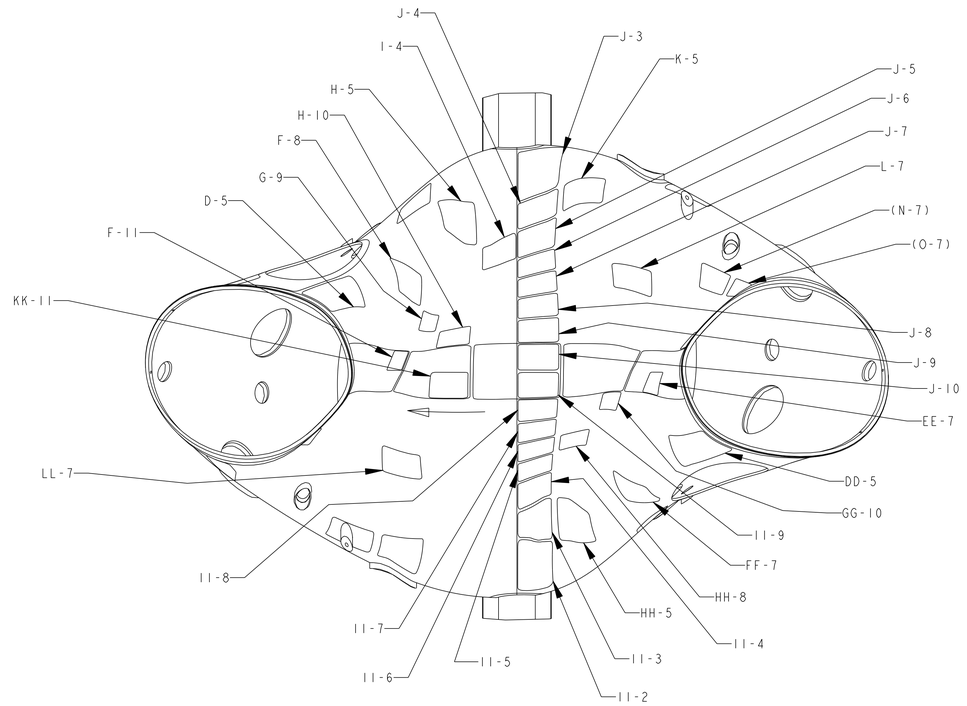
TOP VIEW

NOTES:

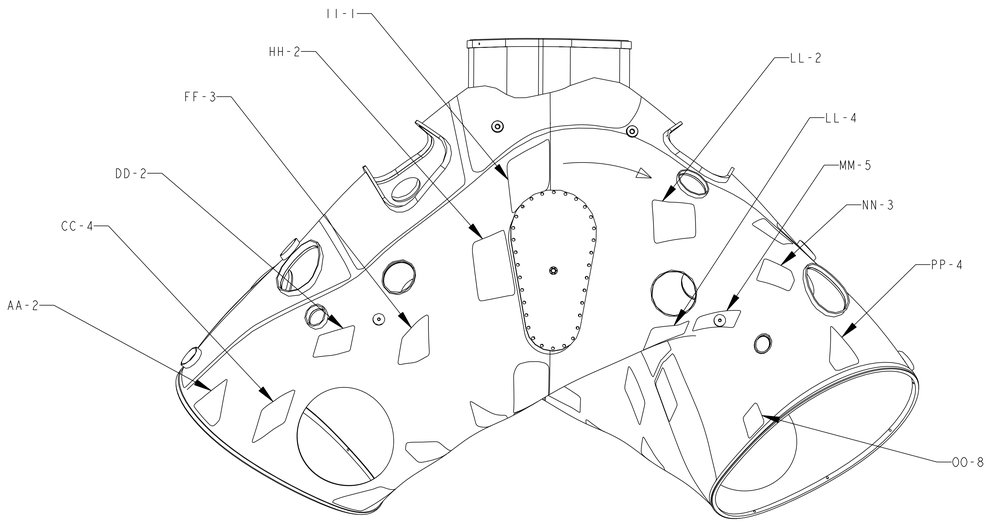
1. .DIMENSIONS ARE IN INCHES
2. FABRICATION, INSPECTION AND TESTING SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION NCSX-CSPEC-31-01-00
3. SEE DRAWING SE310-030-1 FOR FINAL THETA-PHI PLOT AND EXTERNAL FLUX LOOPS TWISTED LEAD ROUTING
4. THE LARGE MIDPLANE LOOP DETAILS CAN BE FOUND IN SE310-030-1
5. 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.



FRONT VIEW



BACK VIEW



BOTTOM VIEW

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
PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY REQD

PARTS LIST

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY NATIONAL COMPACT STELLARATOR EXPERIMENT		
Pro E	DIMENSIONS ARE IN INCHES MACHINE SURFACES 125	VVSA2 MAGNETIC LOOP ARRANGEMENT DRAWING		
DO NOT VERIFY INFORMATION BY SCALING DRAWING	BREAK SHARP EDGES .005/.020			
	TOLERANCES NON-CUMULATIVE	DSN: T. BROWN	11-16-06	DRAWING NO:
NEXT ASSEMBLY	DECIMAL-INCH: .X +/-.100, .XX +/-.030, .XXX +/-.005, ANGULAR +/-0°-15'; FRACTIONS: 0°-12' +/-1/16, 12°-72' +/-1/8, 72°-120' +/-1/4, OVER 120° +/-1/2	CHK: M. COLE	11-16-06	SE310-030-2
		ENGR: G LABIK	11-16-06	
		SUPV: J. SIEGEL	11-16-06	SHEET 1 OF 1 REV D.2

WEIGHT	
MODEL NAME	SE310-030-2
WELDING ENGINEER	

RELEASE LEVEL: WIP
DWG VERSION NO: 8

NCSX-SE310-030-2

NCSX_ASSY_FORMAT_E