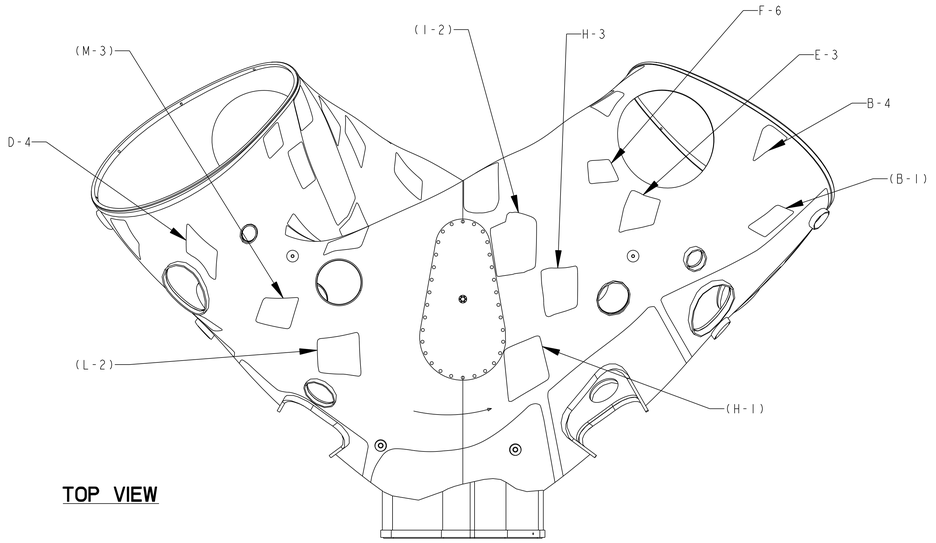
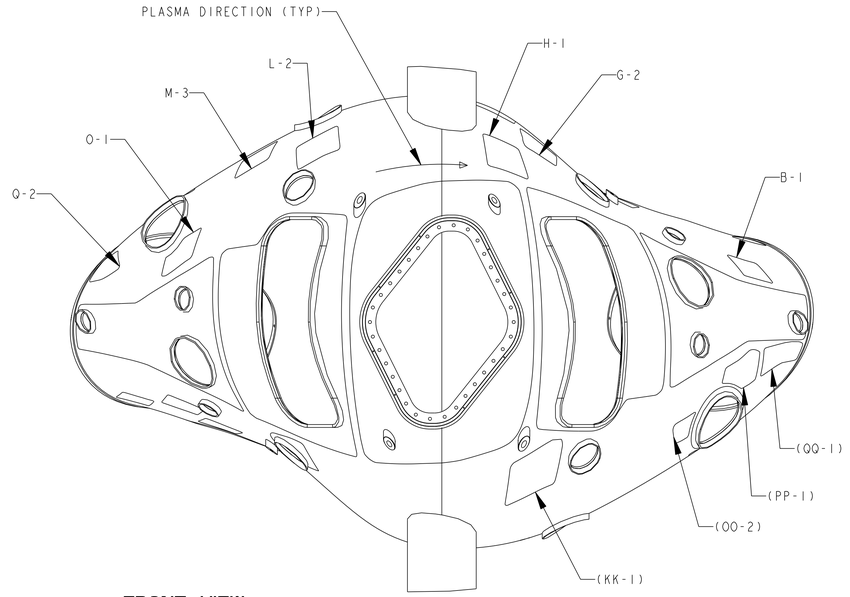
NO.	REVISION	BY	CH	SUP	APPROVED	DATE



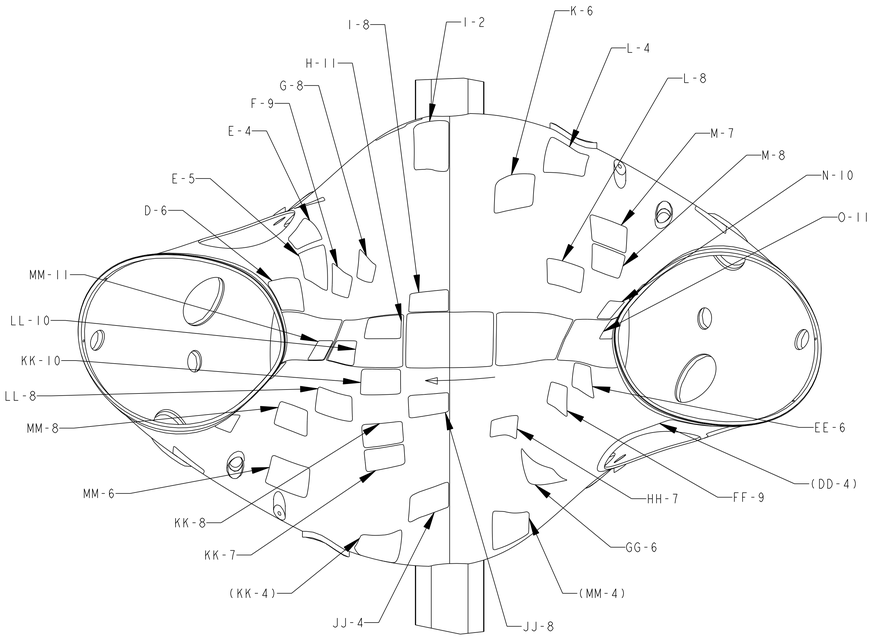
TOP VIEW

NOTES:

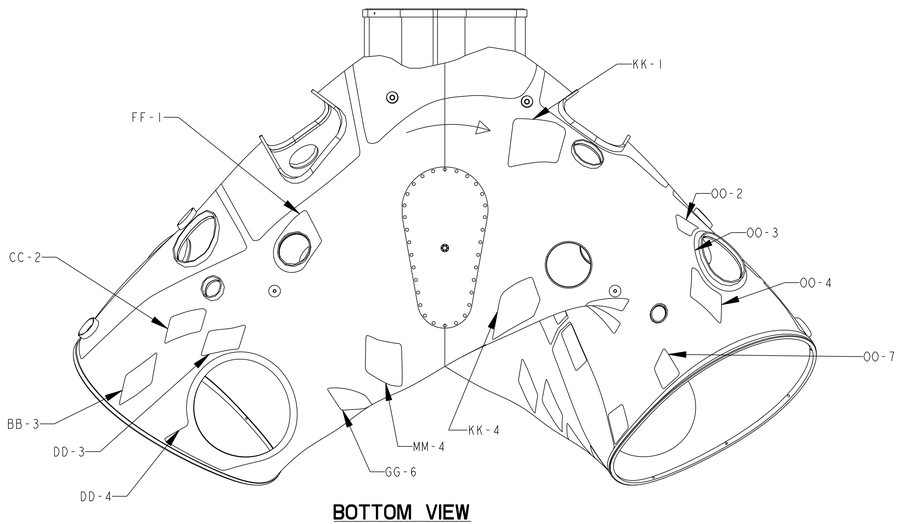
1. .DIMENSIONS ARE IN INCHES
2. FABRICATION, INSPECTION AND TESTING SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION NCSX-CSPEC-31-01-00
3. SEE DRAWING SE310-030-1 FOR FINAL THETA-PHI PLOT AND EXTERNAL FLUX LOOPS TWISTED LEAD ROUTING
4. THE LARGE MIDPLANE LOOP DETAILS CAN BE FOUND IN SE310-030-1
5.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



FRONT VIEW



BACK VIEW



BOTTOM VIEW

PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY REQD
3	SE310-030-3	VV PERIOD 3 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	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY NATIONAL COMPACT STELLARATOR EXPERIMENT		
Pro E	DIMENSIONS ARE IN INCHES MACHINE SURFACES 125	VVSA3 MAGNETIC LOOP ARRANGEMENT DRAWING		
DO NOT VERIFY INFORMATION BY SCALING DRAWING	BREAK SHARP EDGES .005/.020			
	TOLERANCES NON-CUMULATIVE	DSN:T. BROWN	10-17-06	DRAWING NO:
NEXT ASSEMBLY	DECIMAL-INCH / FRACTIONS	CHK: M. COLE	10-17-06	SE310-030-3
	.X +/-.100 / 0°-12° +/-1/16	ENGR:G. LABIK	10-17-06	
	.XX +/-.030 / 12°-72° +/-1/8			
	.XXX +/-.005 / 72°-120° +/-1/4	SUPV: J. SIEGEL	10-17-06	SHEET 1 OF 1 REV
	ANGULAR +/-0°-15' / OVER 120° +/-1/2			

WEIGHT	RELEASE LEVEL: WIP
MODEL NAME SE310-030-3	DWG VERSION NO: 1
WELDING ENGINEER	

NCSX_ASSY_FORMAT_E