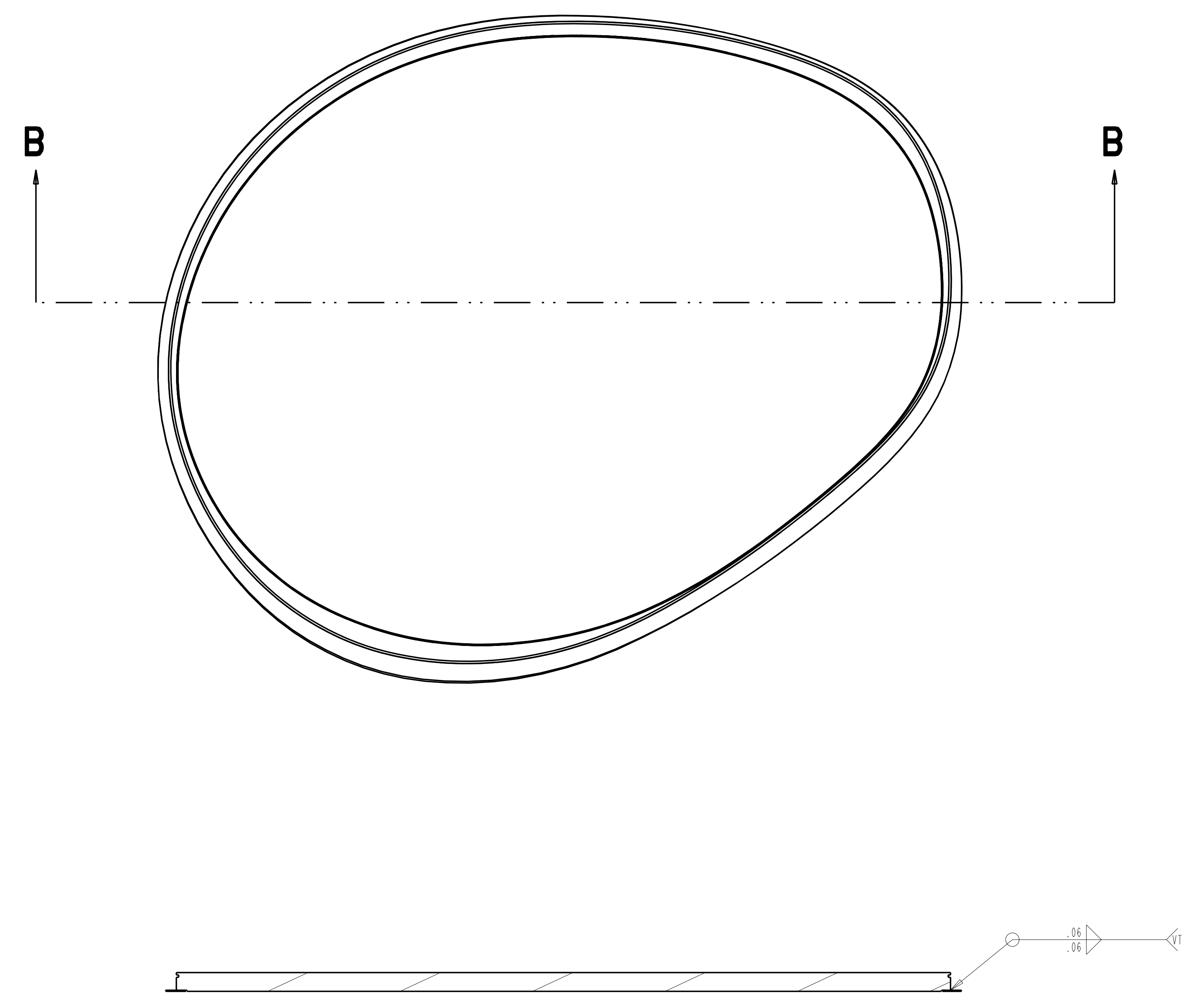


- NOTES:
1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M.
 2. DIMENSION ARE IN INCHES.
 3. REQUIREMENTS FOR FABRICATING THE VACUUM VESSEL BLANK OFF COVER SEAL WELDMENT ARE DEFINED IN THE DRAWINGS, MODELS, AND NCSX-CSPEC-121-02-00.
 4. GEOMETRY OF VACUUM VESSEL SUB ASSEMBLY IS DEFINED IN CAD MODELS/FILES SE121-090.ASM, SE121-091.PRT, AND SE120-096.PRT.
 5. MEASURE AND MACHINE TO FIT AT ASSEMBLY, SE120-001.
 6. HELIUM LEAK TEST SHALL SHOW NO DETECTABLE LEAK WITH DETECTOR SENSITIVITY SET AT 1.0×10^{-9} STD-CC/SEC.
 7. ADDITIONAL TOLERANCE LIMITS ARE DEFINED IN DOCUMENT NCSX-12-122002-PH.
 8. WELDING PROCEDURES AND PERFORMANCE QUALIFICATIONS SHALL BE PERFORMED PER NCSX-CSPEC-12 1-02-00.
 9. WELD INSPECTIONS SHALL BE PERFORMED BY VISUAL EXAMINATION; ALL WELDS ARE TO BE VISUALLY INSPECTED. WELDS DESIGNATED WITH A "VT" IN THE REFERENCE AREA OF A WELD SYMBOL SHALL ALSO BE VISUALLY EXAMINED PER NCSX-CSPEC-121-02-00.



SECTION B-B
 SCALE 0.250

CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
SE121-096		SEAL - VESSEL	--	--	3
SE121-091		SPACER SEALING FLANGE	--	--	2
SE121-090		VV SEAL - BLANK WELDMENT	--	--	1

← NEXT ASSEMBLY PARTS LIST

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF, ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDER ARE NOT TO BE USED FOR OTHER PURPOSES, AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

P THIS DRAWING PRODUCED ON PRO-ENGINEER

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REG	DATE	DRNL	DOE	DATE

SCALE AS NOTED
 TOLERANCES UNLESS OTHERWISE SPECIFIED
 FRACTIONS ± .01
 XX DECIMALS ± .01
 XXX DECIMALS ± .005
 ANGLES ± 0°15'
 BREAK SHARP EDGES 06 MAX
 FINISH .125 UNLESS OTHERWISE SPECIFIED

DES: P. GORANSON	DRW: G. FORTIER	DATE: 04/04/04
CHK: :	SECT: :	DEPT: :
PE: :	CR: :	PJ: :
REO: :	REP: :	PPPL DRFT: :

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NATIONAL COMPACT STELLARATOR EXPERIMENT

VACUUM VESSEL
 BLANK OFF COVER
 SEAL WELDMENT

VERSION NO.	PLANT ORNL	BLDG 5700	FL 3	SHT 1	TYPE I	CLASS D
RELEASE LEVEL	SE121-090		REV	U		
WIP			REV	0		