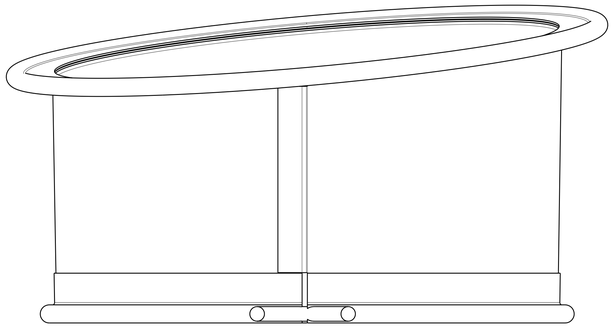
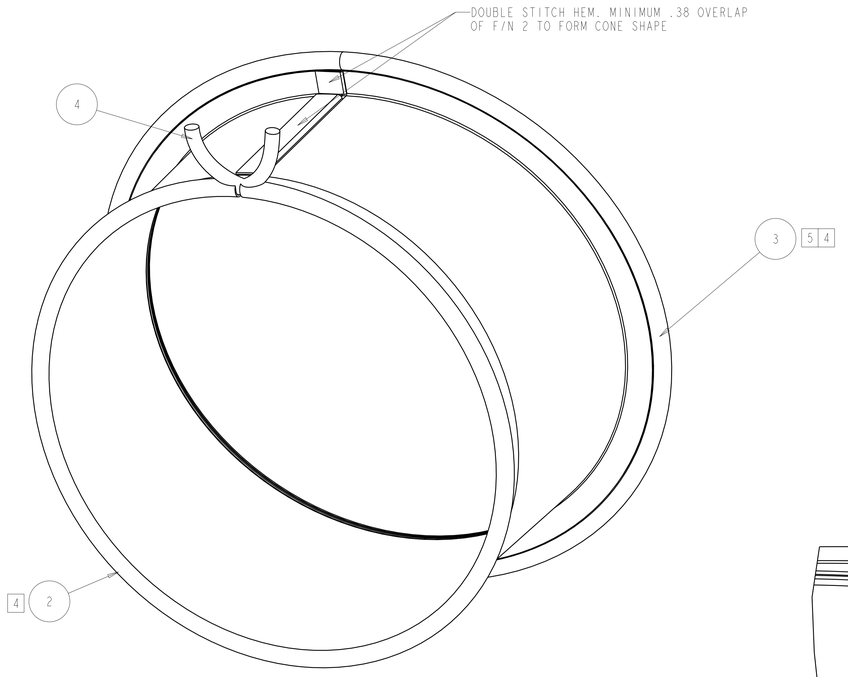
NEXT ASS'Y: | FINAL ASS'Y:

NOTES

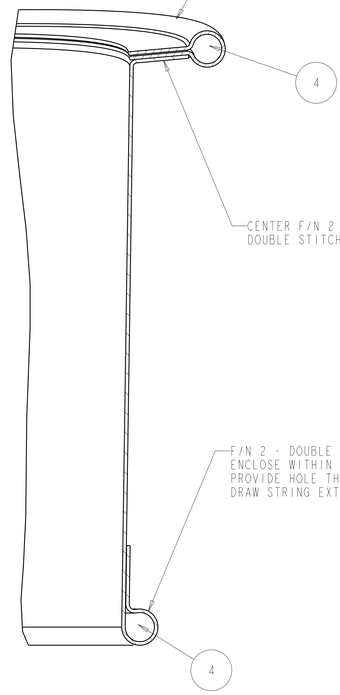
1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2004.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
3. DIMENSIONS ARE IN INCHES
4. FLAT PATTERNS TO BE CREATED FROM FULL SIZE PLOT.
5. VERIFY HEM PROFILE IN ASSEMBLY SE122-344.



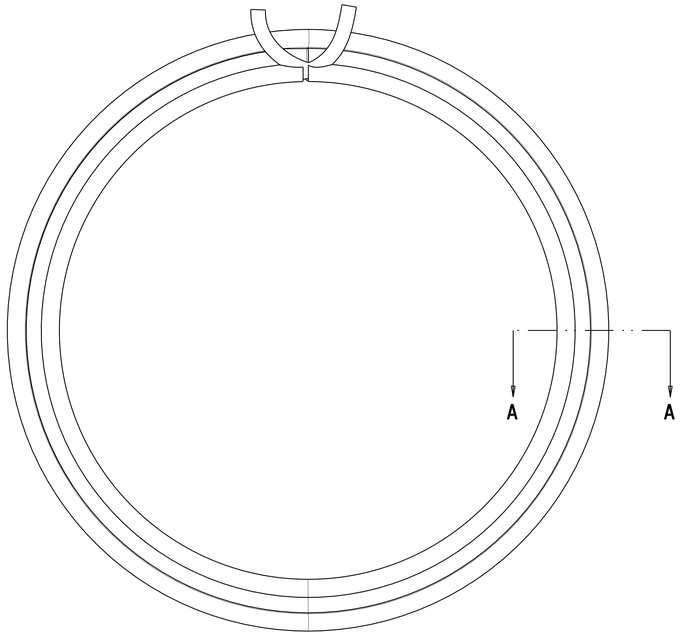


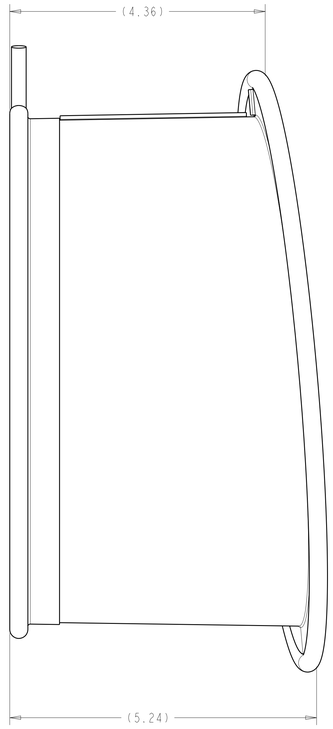
ISOMETRIC VIEW
SCALE 1.000

F/N 3 - DOUBLE STITCH HEM WITH MINIMUM .38 OVERLAP ENCLOSE WITHIN HEM Ø.25 ROPE, F/N 4, TO ACT AS A GASKET. THE ENDS OF THE ROPE MUST BE COMPLETELY ENCLOSED WITHIN HEM. THE ENDS OF THE ROPE MUST TOUCH WITHIN THE HEM BUT MAY NOT OVERLAP, CREATING A BULGE. 5



SECTION A-A
SCALE 2.000





1 PORT 5 WINDING FORM SEAL BOOT ASSEMBLY
SCALE 1.000

	AR		-4	Ø.25 ROPE		NCSX-PRL-12-001	4
5 4	1		-3	PORT 5 WINDING FORM SEAL BOOT BACK		NCSX-PRL-12-001	3
4	1		-2	PORT 5 WINDING FORM SEAL BOOT CONE		NCSX-PRL-12-001	2
	AR	X	-1	PORT 5 WINDING FORM SEAL BOOT ASSEMBLY			1
SE122-344-1	-1	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
			NEXT ASSEMBLY	PARTS LIST			

SE122-347
B

P THIS DRAWING PRODUCED ON PRO-ENGINEER

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
0	ORIGINAL ISSUE	RAH	01/07	SP		01/07						

REVISION OR ISSUE PURPOSE | REVISION APPROVAL

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

DES	P.L.GORANSON	01/07
DRW	R.A.HURD	01/07
CHK	S.PARSON	01/07
SECT	:	:
DEPT	:	:
PE	:	:
CR	:	:
PJ	:	:
REQ	:	:
PPPL DRFT	J SIEGEL	01/07
	:	:
	:	:
DRAWING APPROVALS		DATE

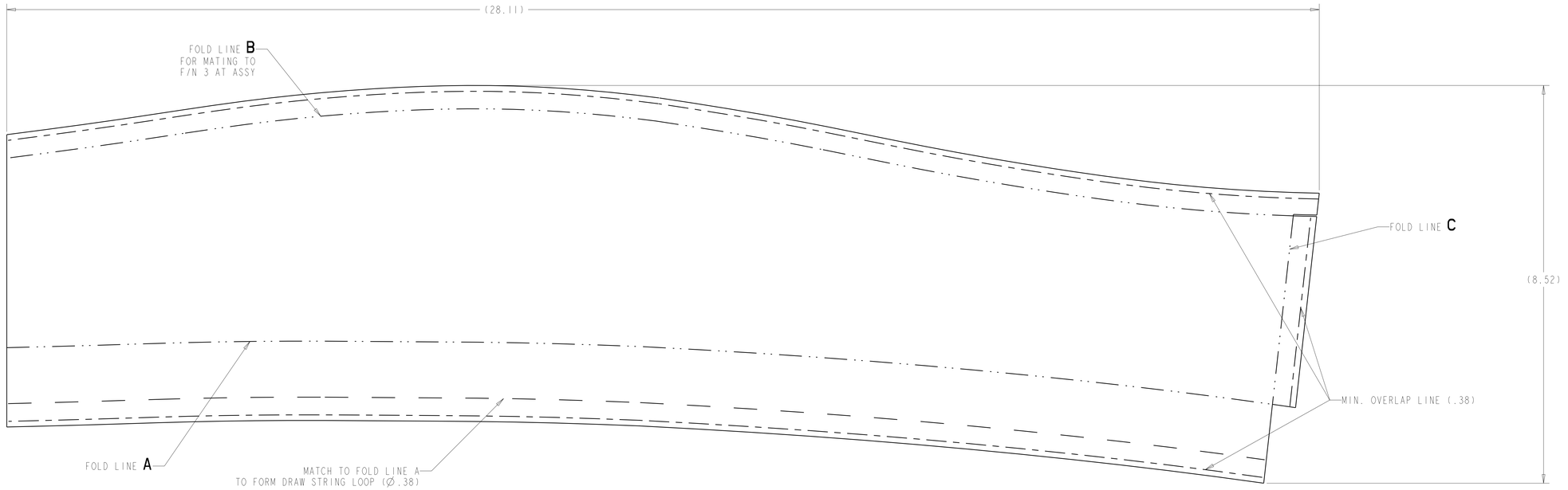
UT-BATTELLE
Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725
UT-BATTELLE, LLC. Oak Ridge, Tennessee

PROJECT NAME: NATIONAL COMPACT STELLARATOR EXPERIMENT

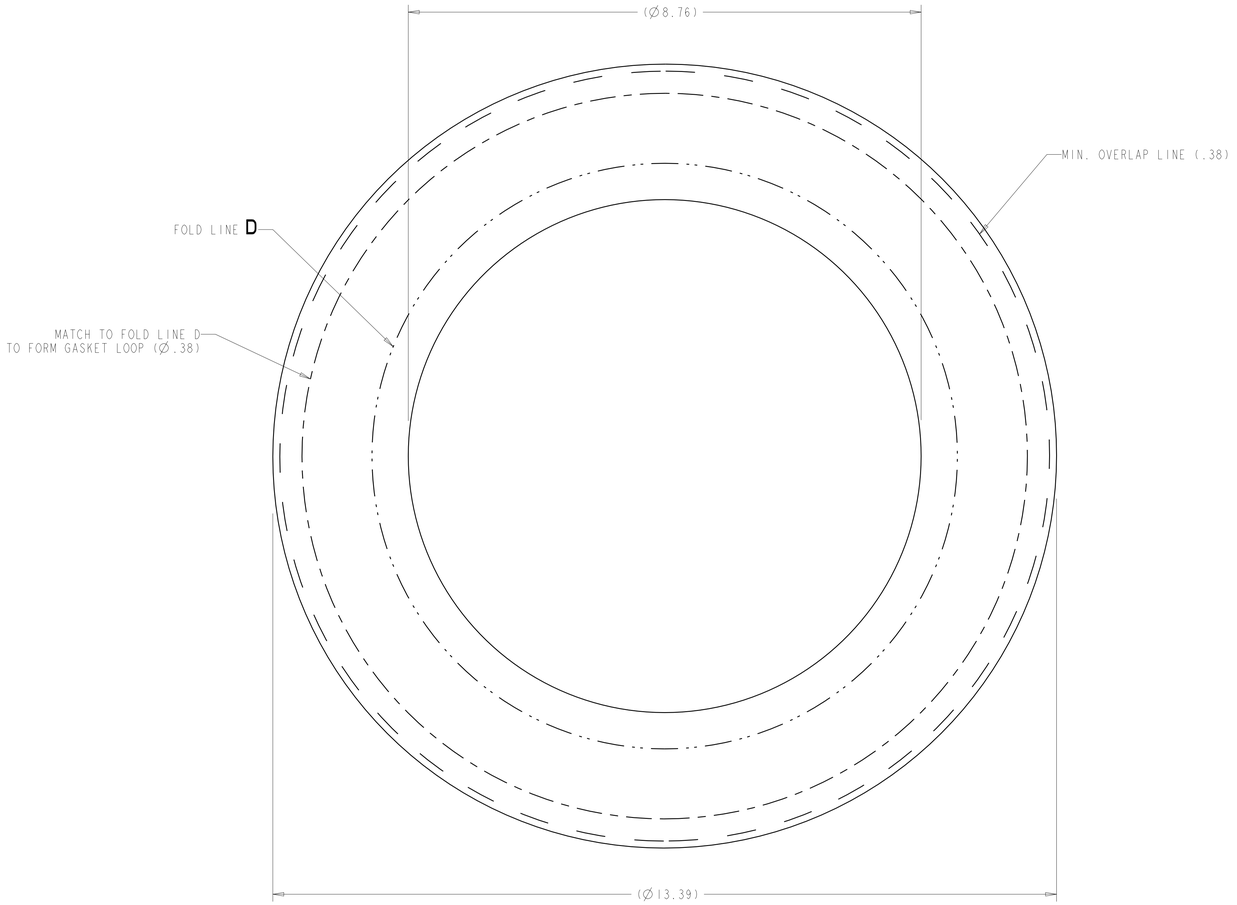
PORT 5 WINDING FORM SEAL BOOT ASSEMBLY

VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS
4+	ORNL	5700	3	1 2	A	U

RELEASE LEVEL: WIP
SE122-347
REV 0



-2 FLAT PATTERN [4]
SCALE 1.000



-3 FLAT PATTERN [4]
SCALE 1.000

1:1 SCALE
AT FULL SIZE

SE122-347

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UT-BATTELLE, LLC. Oak Ridge, Tennessee

PROJECT NAME
NATIONAL COMPACT STELLARATOR EXPERIMENT

PORT 5 WINDING FORM SEAL
BOOT ASSEMBLY

VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS
4+	ORNL	5700	3	2 2	A	U
RELEASE LEVEL		SE122-347				REV
WIP						0