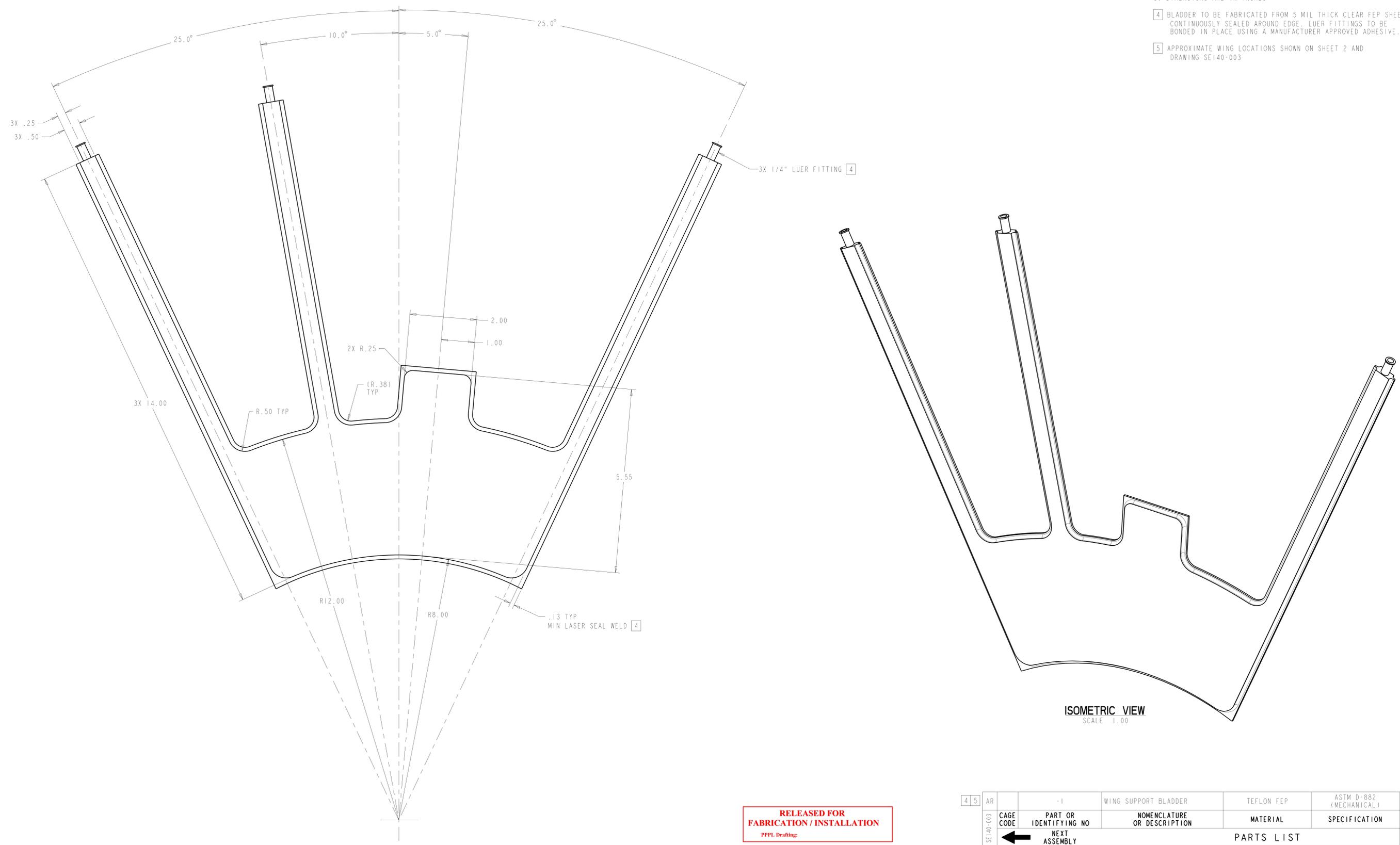


- NOTES
- DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2004.
 - INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
 - DIMENSIONS ARE IN INCHES
 - BLADDER TO BE FABRICATED FROM 5 MIL THICK CLEAR FEP SHEET CONTINUOUSLY SEALED AROUND EDGE. LUER FITTINGS TO BE BONDED IN PLACE USING A MANUFACTURER APPROVED ADHESIVE.
 - APPROXIMATE WING LOCATIONS SHOWN ON SHEET 2 AND DRAWING SE140-003



ISOMETRIC VIEW
SCALE 1.00

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-1 WING SUPPORT BLADDER [4] [5]
SCALE 1.00

[4] [5]	AR	-1	WING SUPPORT BLADDER	TEFLON FEP	ASTM D-882 (MECHANICAL)	I
SE140-003	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
		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

0	ORIGINAL ISSUE	GM	01/08																	
REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE								
REVISION OR ISSUE PURPOSE		REVISION APPROVAL																		

SCALE NOTED	DES D WILLIAMSON 01/2008
TOLERANCES UNLESS OTHERWISE SPECIFIED	DRW G MCGINNIS 01/2008
FRACTIONS ±.00	CHK M COLE 01/2008
XX DECIMALS ±.00	DEPT :
XXX DECIMALS ±.005	FE :
ANGLES ±1°	CR :
BREAK SHARP EDGES OR MAX	PJ :
FINISH .125 UNLESS OTHERWISE SPECIFIED	REQ :
	REO :
	PPPL DRFT J SIEGEL 01/2008
	VERSION NO. 9
	PLANT ORNL
	BLDG 5700
	FL 3
	SHT 1
	OF 2
	TYPE S
	CLASS U
	REV 0

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

NATIONAL COMPACT STELLARATOR EXPERIMENT

WING SUPPORT BLADDER

SE140-050

8

7

6

5

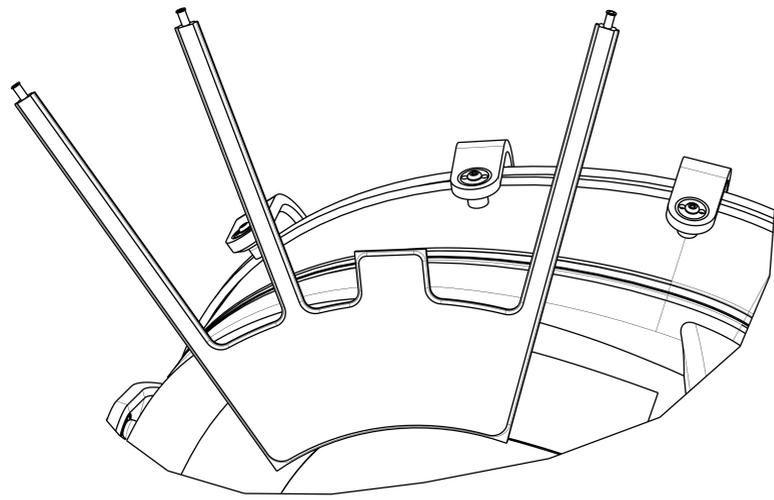
4

3

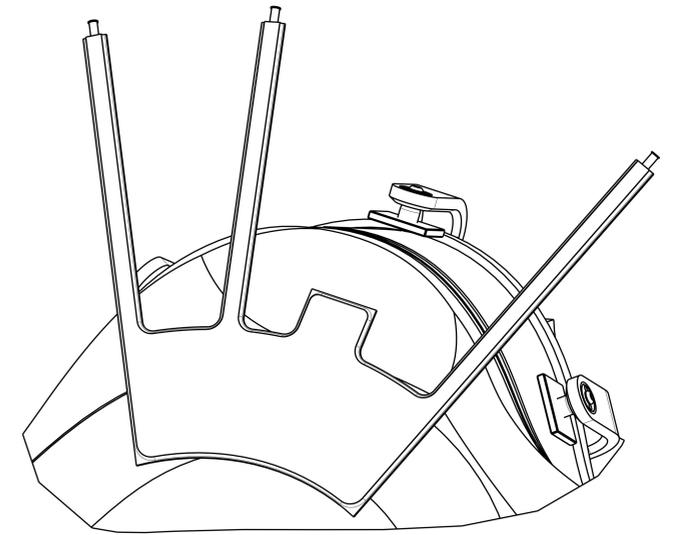
2

1

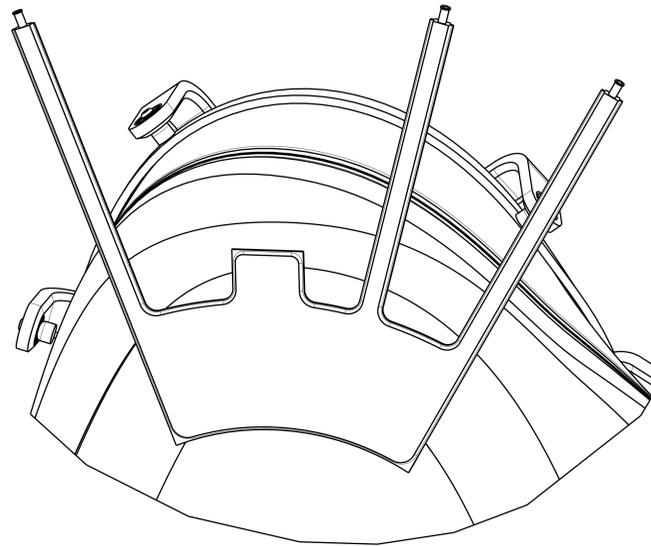
NEXT ASS'Y: 1 FINAL ASS'Y:



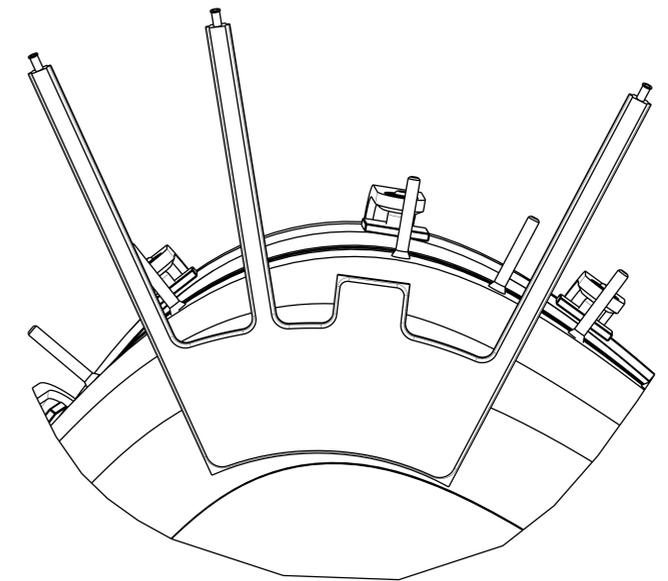
WING BLADDER #2 BETWEEN A AND
B COIL - SHOWN ON B WING
SCALE .50



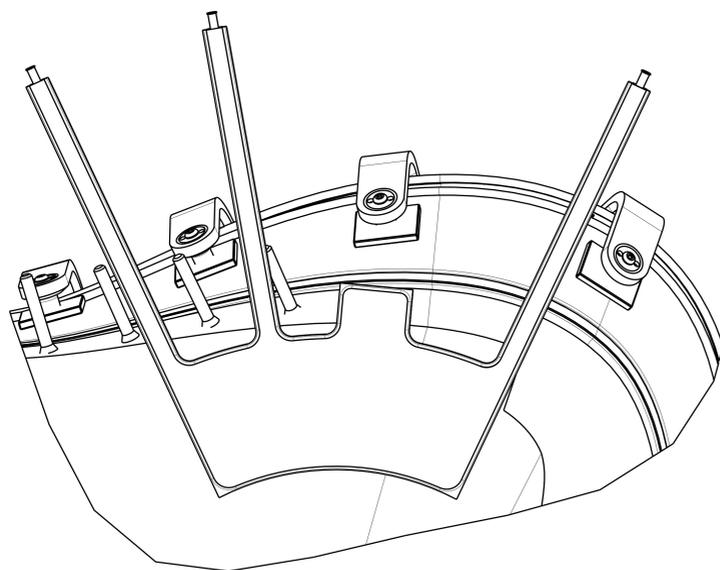
WING BLADDER #3 BETWEEN A AND
B COIL - SHOWN ON A WING
SCALE .50



WING BLADDER #7 BETWEEN B AND
C COIL - SHOWN ON B WING
SCALE .50



WING BLADDER #9 BETWEEN C AND
C COIL - SHOWN ON C WING
SCALE .50



WING BLADDER #6 BETWEEN B AND
C COIL - SHOWN ON C WING
SCALE .50

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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 TITLE:							
NATIONAL COMPACT STELLARATOR EXPERIMENT							
WING SUPPORT BLADDER							
VERSION NO.	PLANT	BLDG	FL	SHT	OF	TYPE	CLASS
9	ORNL	5700	3	2	2	S	U
RELEASE LEVEL		SE140-050				REV	
Fabrication						0	

050-140-050

A