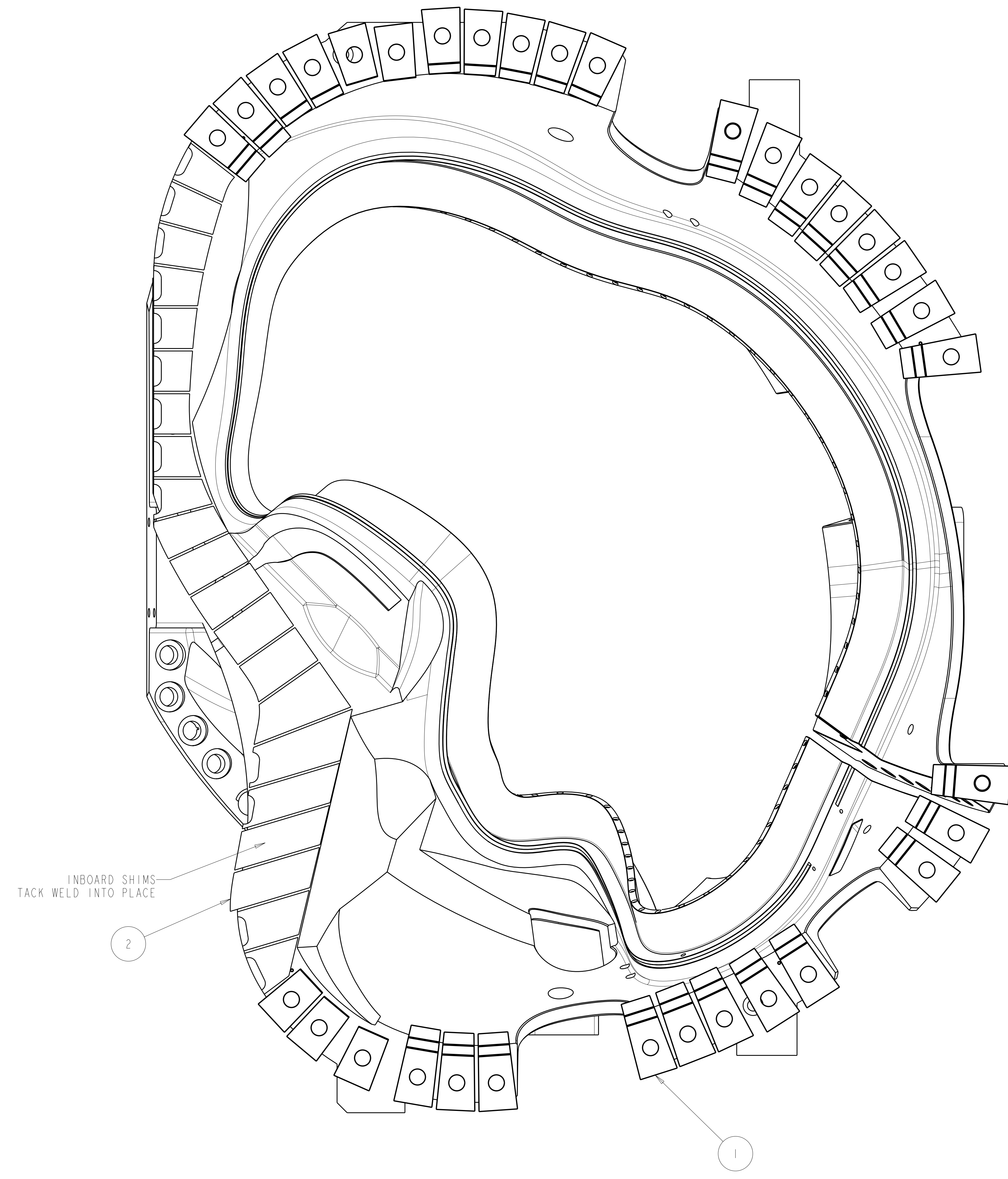
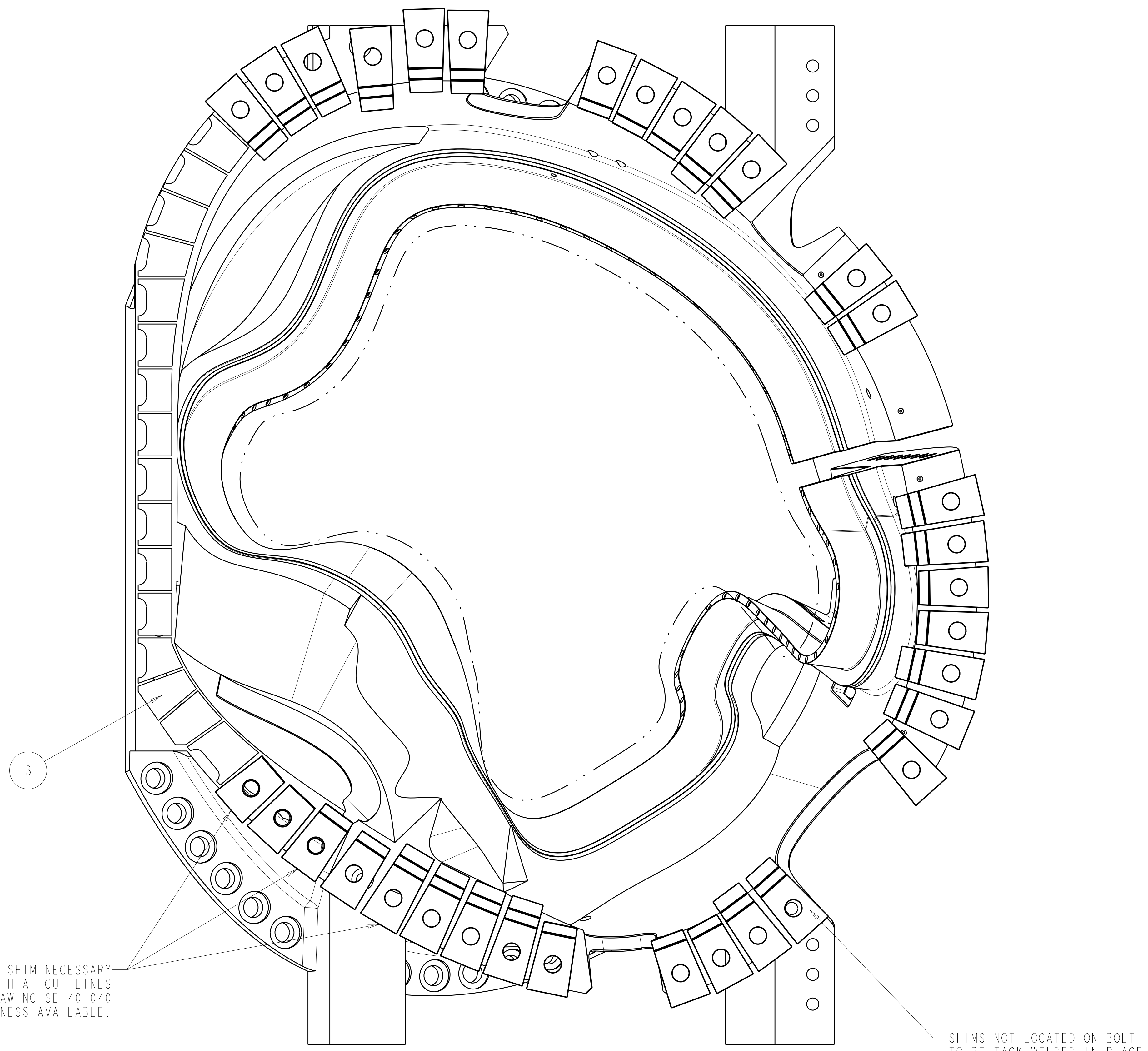


- NOTES
1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2004.
 2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
 3. DIMENSIONS ARE IN INCHES



A-B SHIMS LOOKING AT THE B COIL FLANGE



B-C SHIMS LOOKING AT THE C COIL FLANGE

CHOOSE THICKNESS SHIM NECESSARY AND CUT TO LENGTH AT CUT LINES AS REQ'D. SEE DRAWING SE140-040 FOR CHART OF THICKNESS AVAILABLE.

MODULAR COIL SHIM PLATE LAYOUT
SCALE .18

NOTE: MOD COILS SHOW AS PART ONLY FOR CLARITY
SHIMS TO BE INSTALLED ON MOD COIL ASSEMBLIES

REF(3)	REF(1)	REF(1)	REF(1)	REF(1)	REF(150)	REF(28)	REF(66)	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
										SE140-055	C-C INBOARD SHIMS	316 SST	5
										SE140-054	A-A INBOARD SHIMS	316 SST	4
										SE140-053	B-C INBOARD SHIMS	ASTM A240	3
										SE140-052	A-B INBOARD SHIMS	ASTM A240	2
										SE140-040	SINGLE HOLE SHIM	316 SST PLASMA ALUMINA COATED	1
SE100-001	SE100-002	SE140-003											
← NEXT ASSEMBLY											PARTS LIST		

PRELIMINARY
7-6-2007

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P THIS DRAWING PRODUCED ON PRO-ENGINEER

										SCALE NOTED		DES: D WILLIAMSON 02/07		ORNL		Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC, Oak Ridge, Tennessee	
										TOLERANCES UNLESS OTHERWISE SPECIFIED		DRW: G MCGINNIS 02/07		UT-BATTELLE		PROJECT NAME: NATIONAL COMPACT STELLARATOR EXPERIMENT	
										FRACTIONS		CHK		VERSION NO. 2+		PLANT ORNL	
										XX DECIMALS ±.01		SECT :		BLDG 5700		FL 3	
										XXX DECIMALS ±.005		DEPT :		SHT 1		OF 2	
										ANGLES ±0°15'		PE :		TYPE S		CLASS U	
										BREAK SHARP EDGES OR MAX FINISH .125 UNLESS OTHERWISE SPECIFIED		PJ :		RELEASE LEVEL WIP		SE140-046	
										REV		PPPL DRFT J SIEGEL 02/07		REV 0			
										0 ORIGINAL ISSUE		DATE		DATE			
										BY DATE CHK DEPT DATE PE REQ DATE ORNL DOE DATE		DRAWING APPROVALS		DATE			
										REVISION OR ISSUE PURPOSE		REVISION APPROVAL					

8

7

6

5

4

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2

1

NEXT ASS'Y: FINAL ASS'Y:

H

H

G

G

F

F

E

E

D

D

C

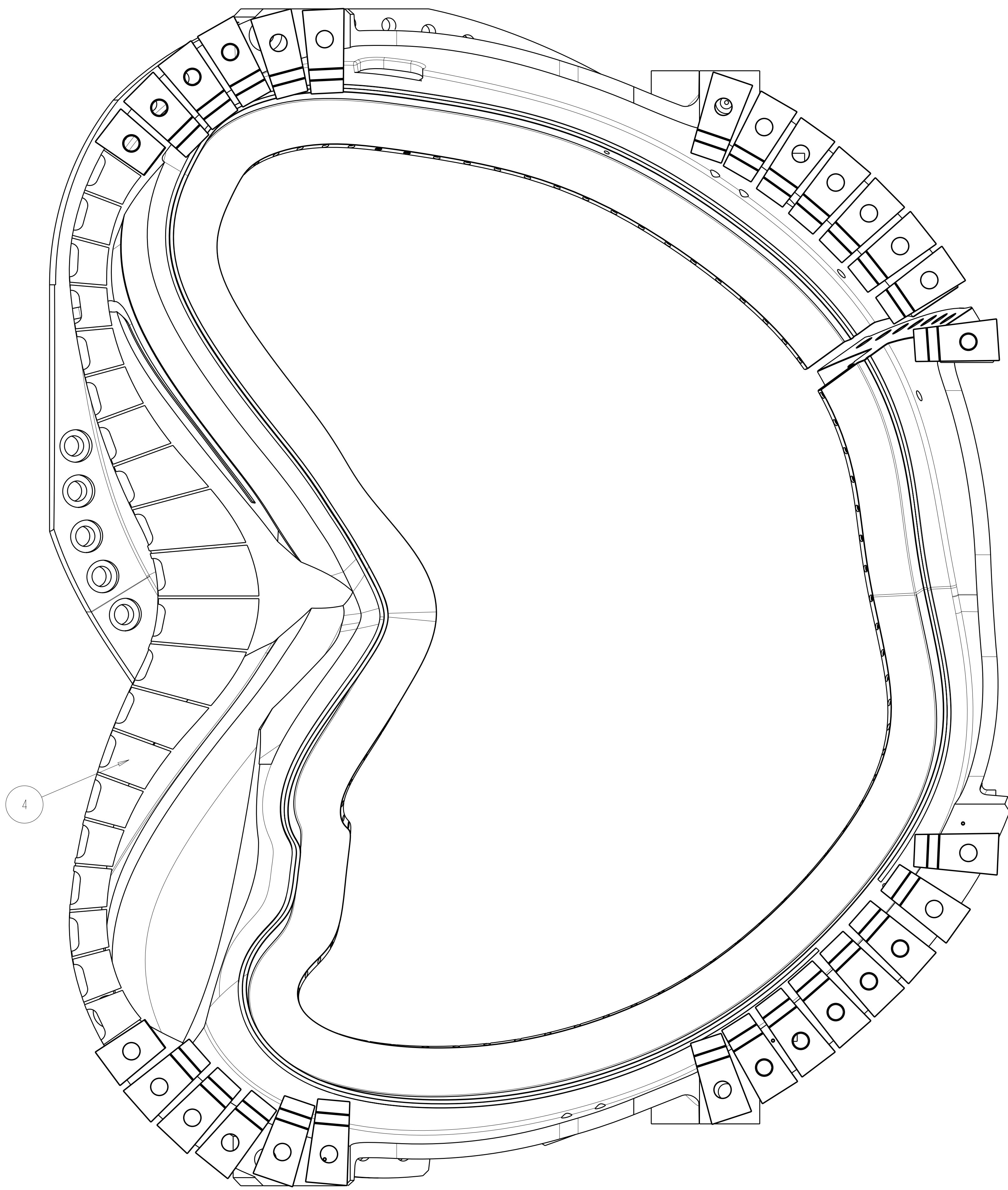
C

B

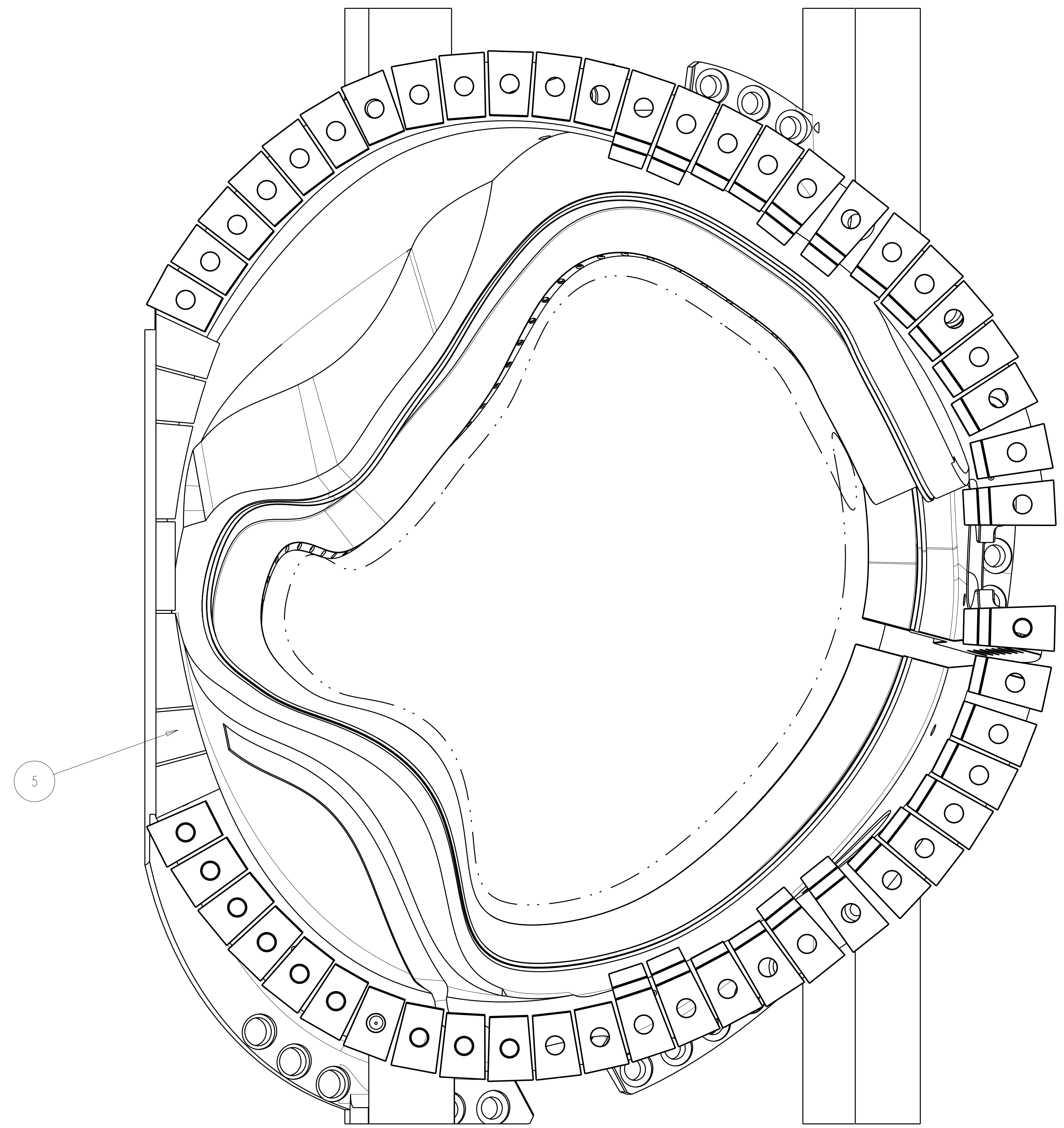
B

A

A



A-A SHIMS LOOKING AT THE A COIL FLANGE



C-C SHIMS LOOKING AT THE C COIL FLANGE

PRELIMINARY
7-6-2007

Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC. Oak Ridge, Tennessee										
UT-BATTELLE										
PROJECT NAME NATIONAL COMPACT STELLARATOR EXPERIMENT										
MODULAR COIL SHIM PLATE LAYOUT										
VERSION NO. 2+	PLANT ORNL	BLDG 5700	FL 3	SHT OF 2	TYPE S	CLASS U				
RELEASE LEVEL WIP		SE140-046					REV 0			

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