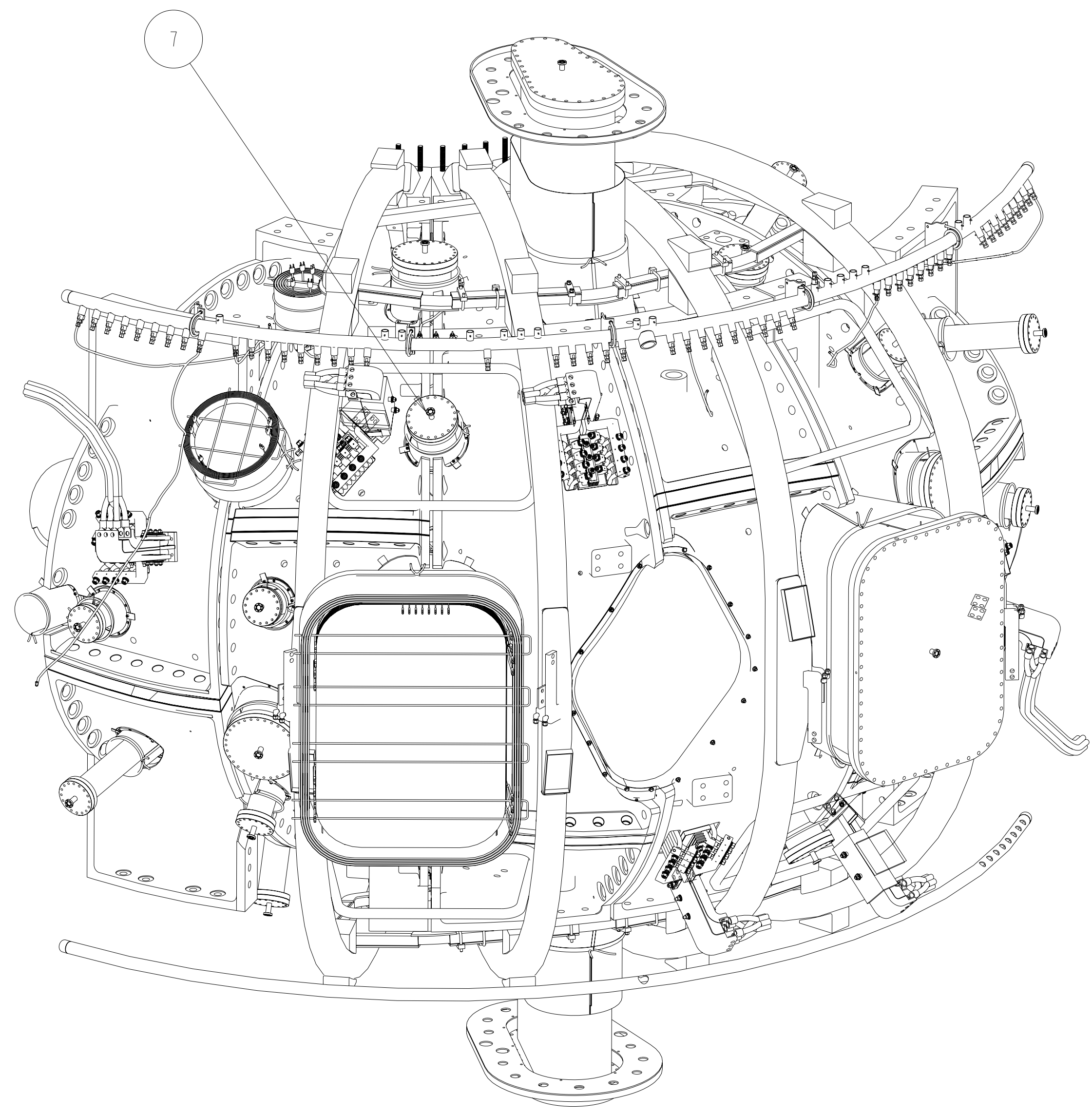
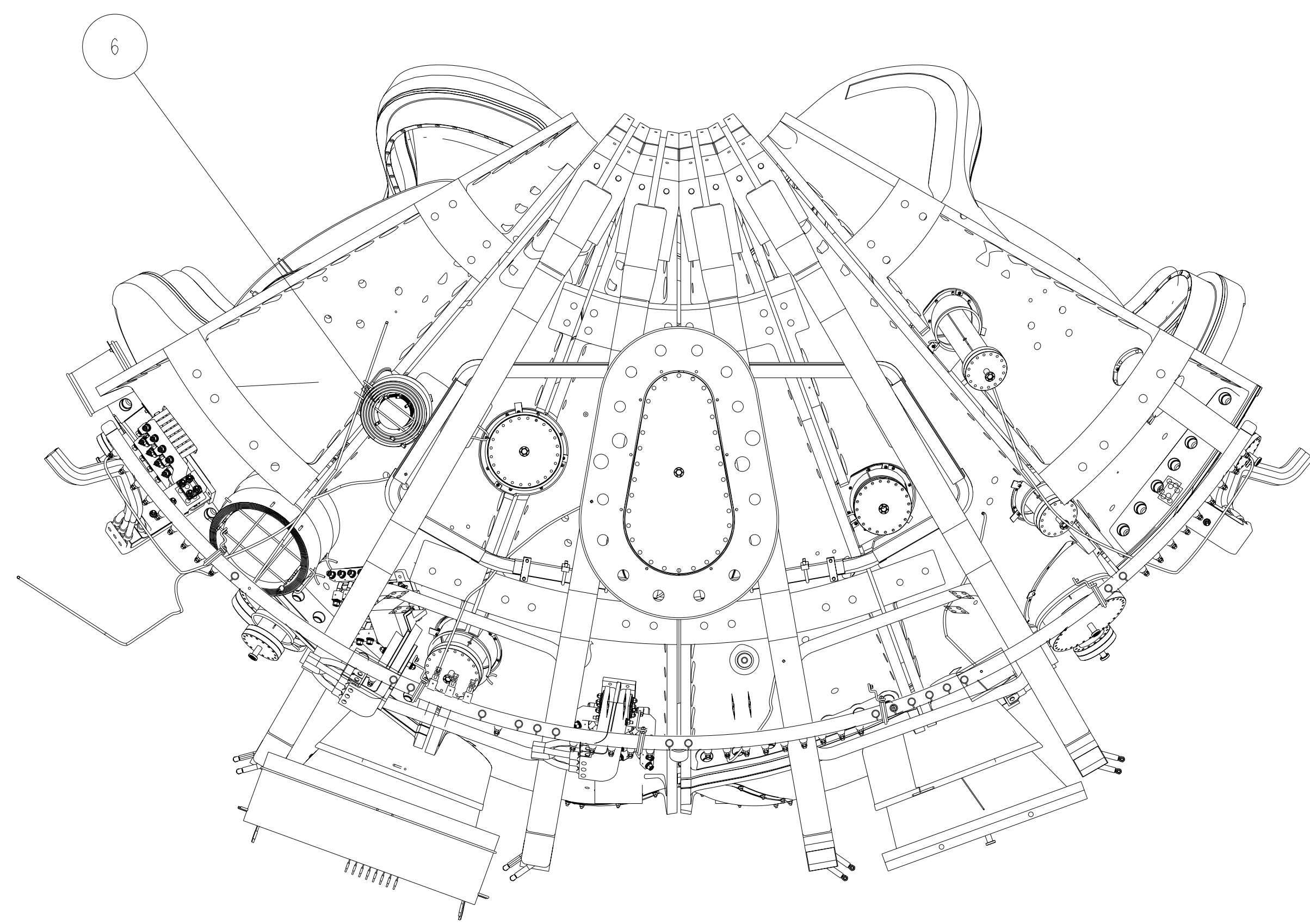
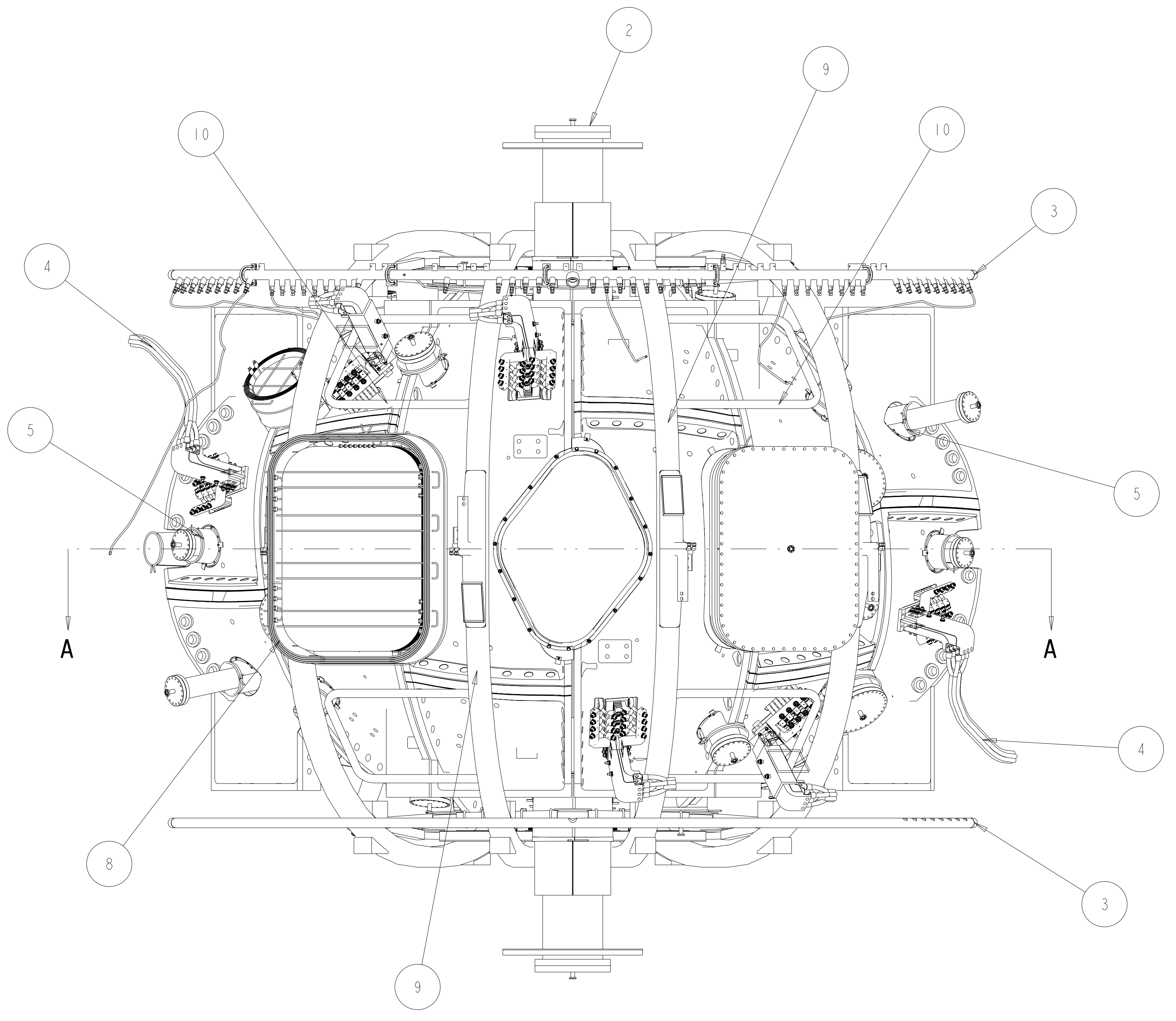


- NOTES
1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2004.
 2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
 3. DIMENSIONS ARE IN INCHES
 - 4 ONLY SELECT SAMPLES SHOWN ON THIS DRAWING. SEE DRAWINGS SE122-005 AND SE123-005 FOR INSTALLATION.
 5. ASSEMBLE PER THIS DRAWING AND SPECIFICATION NCSX-CSPEC-185-01.



ISOMETRIC VIEW

PRELIMINARY



-1,2,3 FIELD PERIOD ASSY - STATION 5
 SCALE 0.070

CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
	?	TRIM COIL ASSEMBLY			10
	SE151-105	TF COIL ASSEMBLY			9
	SE122-082	PORT 4 INSULATION ASSY			8
	SE122-081	ROUND PORT INSULATION, LARGE			7
	SE122-080	ROUND PORT INSULATION, SMALL			6
	SE122-004	PORT BOOT ASSEMBLY			5
	SE100-040	FIELD PERIOD LEADS ASSEMBLY			4
	SE100-020	FIELD PERIOD COOLING HEADER ASSY			3
	SE100-003-3	FIELD PERIOD ASSEMBLY 3 - STATION 3			2
	SE100-003-2	FIELD PERIOD ASSEMBLY 2 - STATION 3			2
	SE100-003-1	FIELD PERIOD ASSEMBLY 1 - STATION 3			2
4	AR	-3			1
4	AR	-2			1
4	AR	-1			1

← NEXT ASSEMBLY

SE100-001

WELDING ENGINEER
 APPROVED G. GETTELFINGER DATE: 01/2008

NOTE
 SOME DETAIL ON ALL VIEWS OMITTED FOR CLARITY

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 PURPOSES, AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

P THIS DRAWING PRODUCED ON PRO-ENGINEER

DES	PL GORANSON	01/08	Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC, Oak Ridge, Tennessee									
DRW	G MCGINNIS	01/08	UT-BATTELLE									
CHK	M COLE	01/08	PROJECT NAME: NATIONAL COMPACT STELLARATOR EXPERIMENT									
SCALE NOTED			VERSION NO.	PLANT	BLDG	FL	SHT	OF	TYPE	CLASS		
TOLERANCES UNLESS OTHERWISE SPECIFIED			10+	ORNL	5700	3	1	2	A	U		
FRACTIONS 1/16			RELEASE LEVEL		SE100-002		REV					
XX DECIMALS ±.01			WIP				0					
XXX DECIMALS ±.005												
ANGLES ±0°15'												
BREAK SHARP EDGES 04 MAX												
FINISH .125 UNLESS OTHERWISE SPECIFIED												
PPPL	DFT J SIEGEL	01/08										
DRAWING APPROVALS												
0	ORIGINAL RELEASE	GM	01/08									
REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
	REVISION OR ISSUE PURPOSE											

8

7

6

5

4

3

2

1

NEXT ASS'Y:

FINAL ASS'Y:

H

H

G

G

F

F

E

E

D

D

C

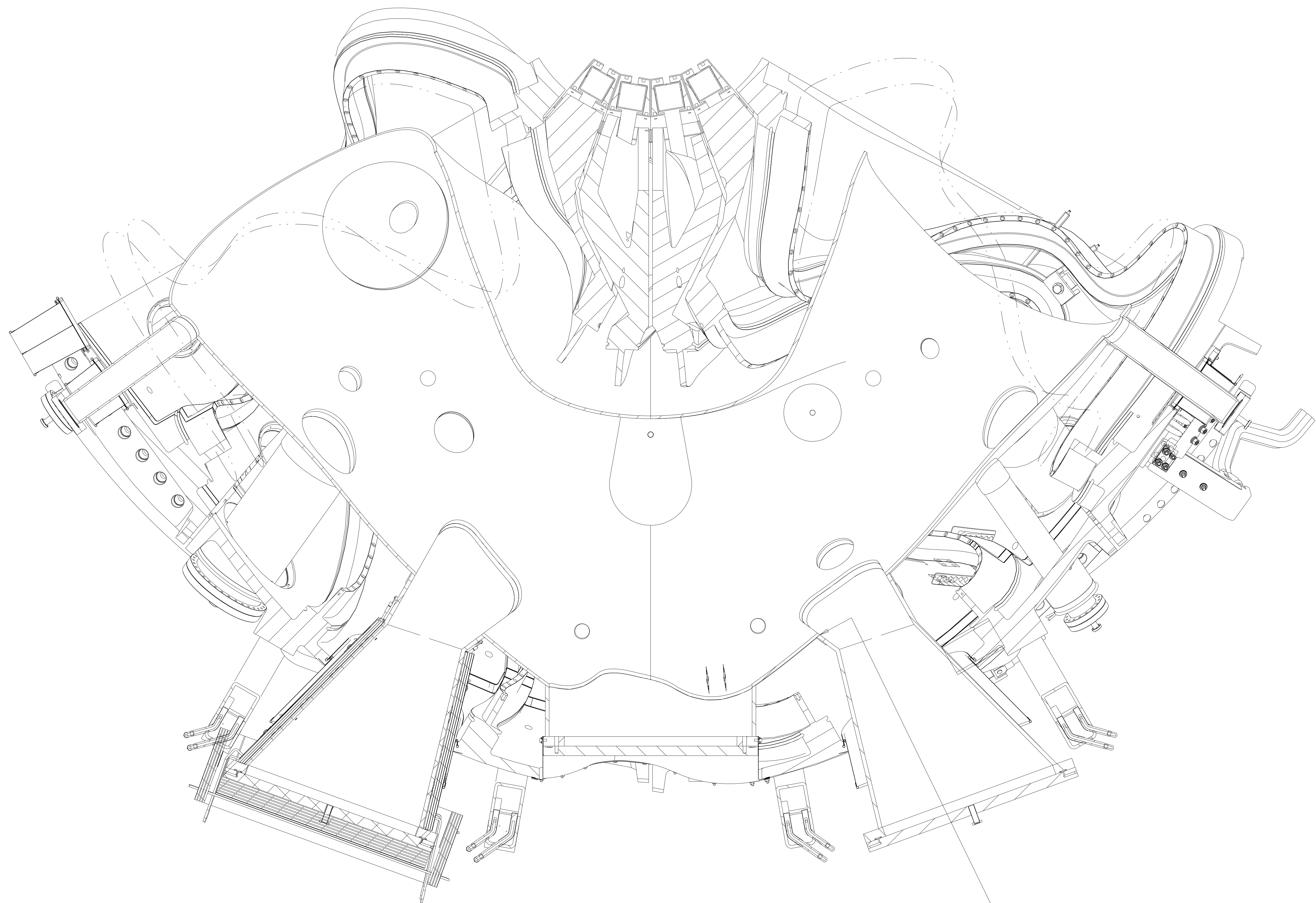
C

B

B

A

A



SECTION A-A
SCALE 0.160

PRELIMINARY

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		PROJECT NAME					
FIELD PERIOD ASSEMBLY STATION 5		CLASS					
VERSION NO. 10+	PLANT ORNL	BLDG 5700	FL 3	SHT OF 2	TYPE 2	CLASS A	REV U
RELEASE LEVEL WIP		SE100-002				REV 0	

8

7

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4

3

2

1

200-00135
B