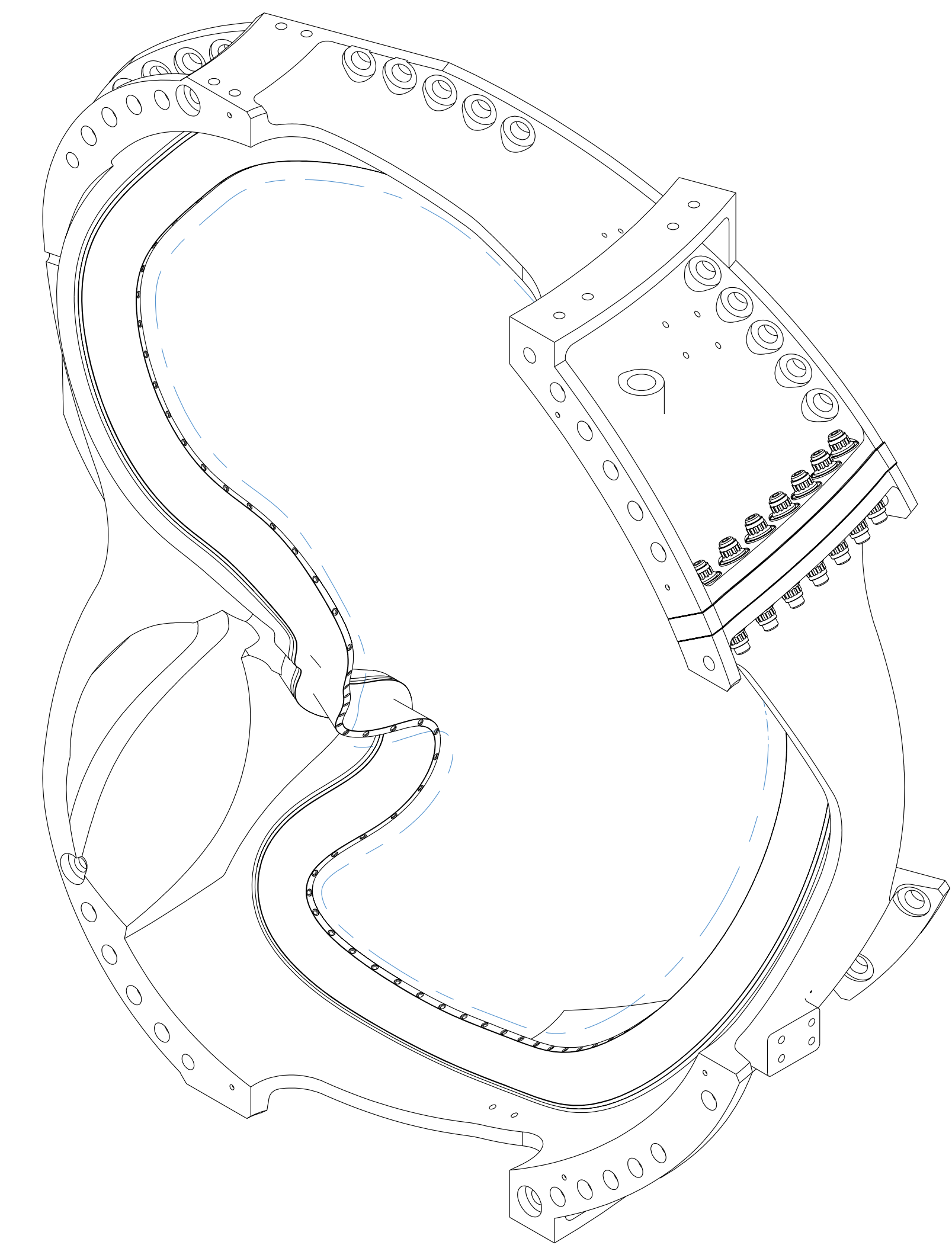
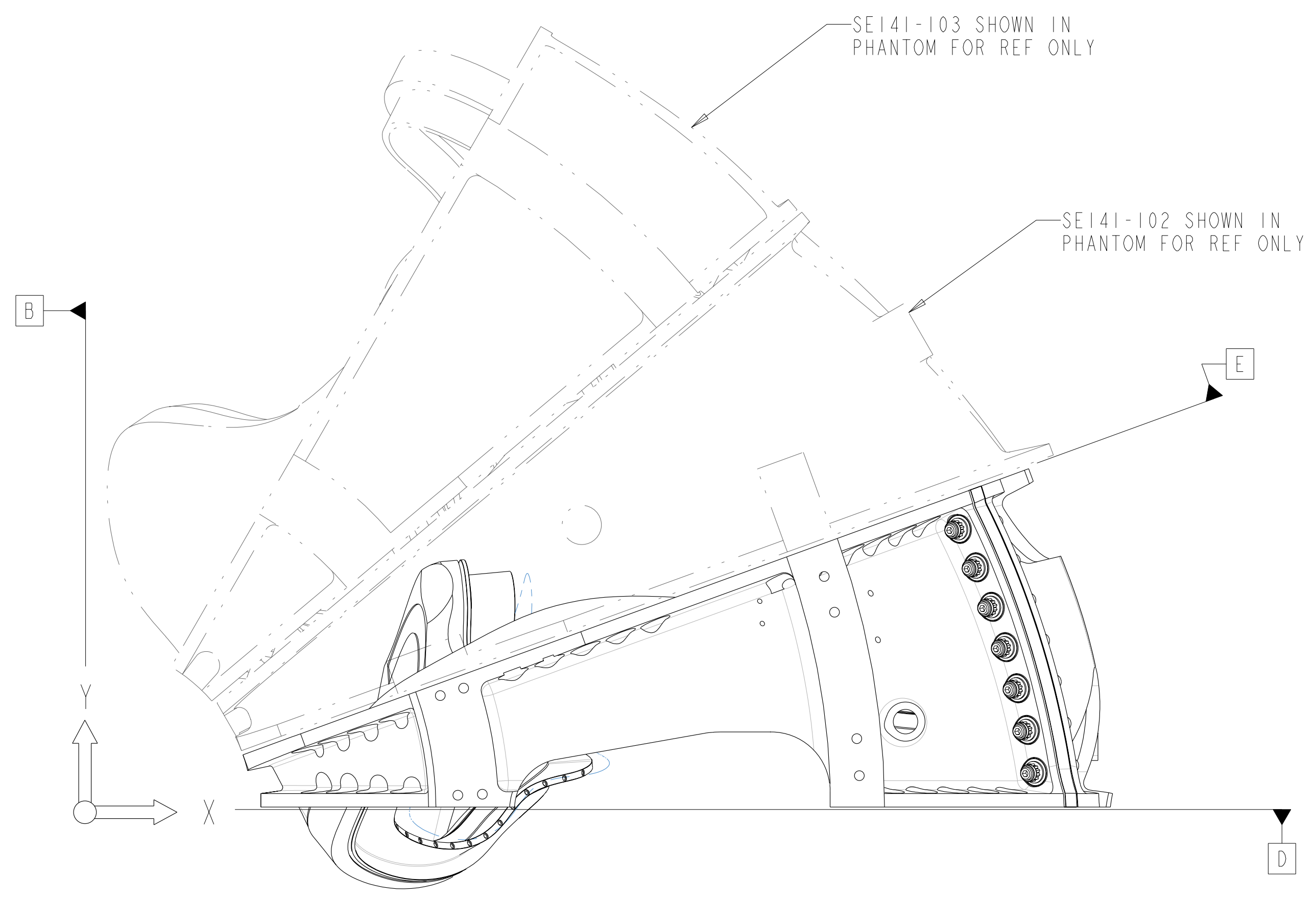
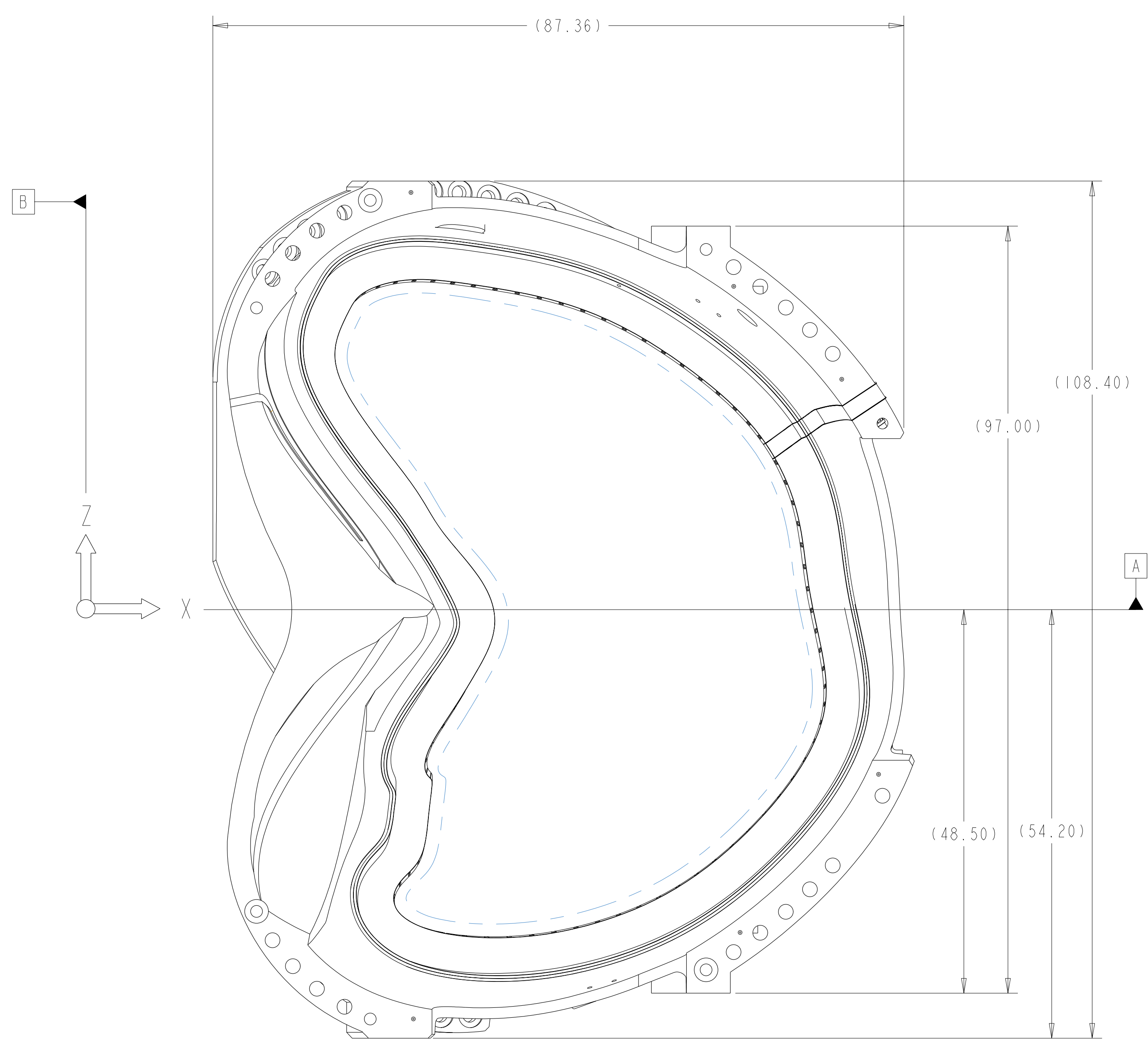


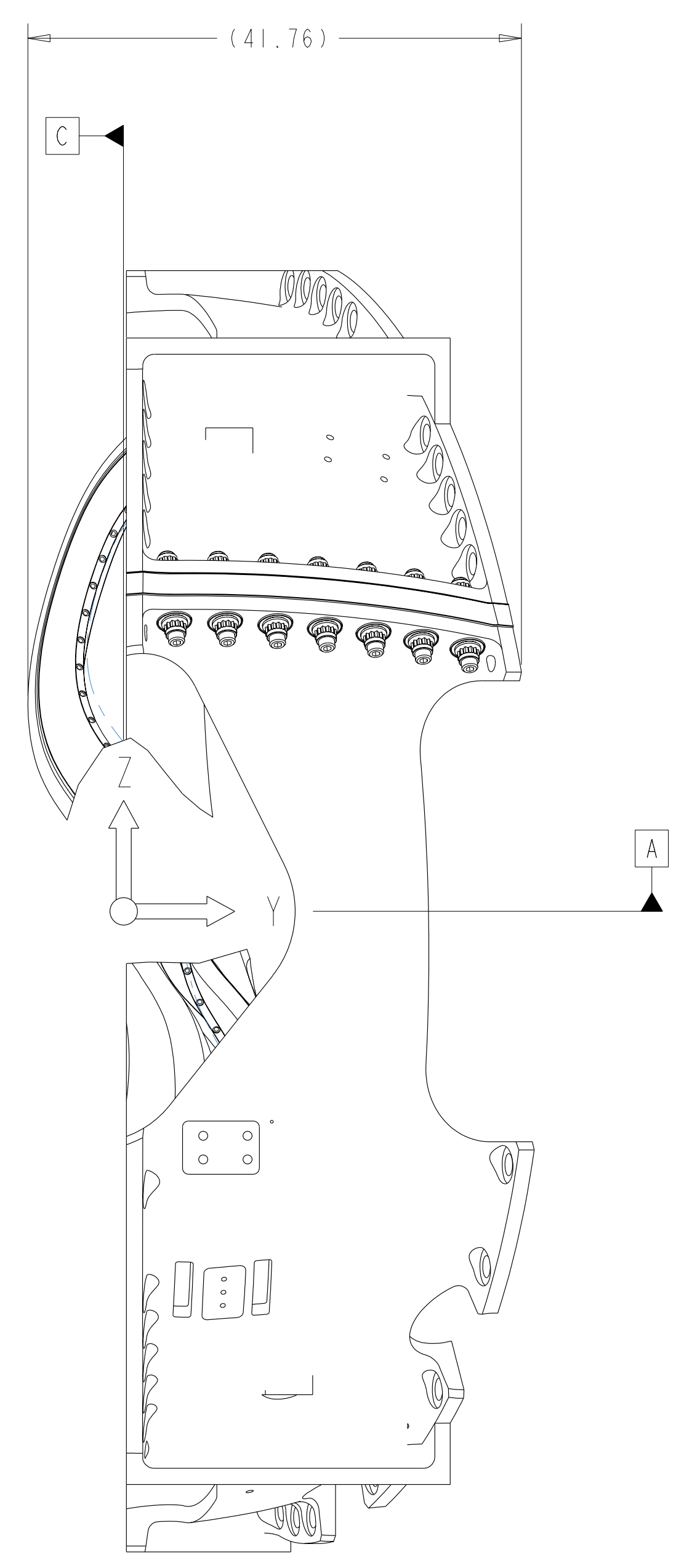
- NOTES:
- DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.8M-1996.
 - INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1994.
 - DIMENSIONS ARE IN INCHES.
 - DRAWING DEPICTS FINAL MACHINED STATE OF ASSEMBLY DEFINED BY PRO/ENGINEER FILE SEI41-101.PRT.
 - UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE RELATED TO DATUM A- (PRIMARY X-Y PLANE, TOP) DATUM B- (SECONDARY Y-Z PLANE, SIDE) DATUM C- (TERTIARY X-Z PLANE, FRONT)
 - DIMENSIONS APPLY AT TEMPERATURE OF 20-30°C (68-86°F).
 - DIMENSIONS AND TOLERANCES EXCLUDE PROCESS MATERIAL ALLOWANCES WHICH MAY ADD MASS.
 - APPROXIMATE WEIGHT = 4983 LBS
 - MATCH DRILL OR REAM AS REQUIRED TO ACHIEVE RUNNING FIT BETWEEN PARTS AT ASSEMBLY.
 - LUBRICATE THREADED SURFACES WITH MOLYCOTE 321R PER MANUFACTURER'S INSTRUCTIONS.
 - SEE LATEST REVISION OF SPECIFICATION NCSX-CSPEC-141-03 FOR ADDITIONAL REQUIREMENTS.
 - BOND INSULATING SLEEVE (F/N 5) TO WINDING FORM (F/N 2) USING LOCTITE 411, PER MANUFACTURER'S INSTRUCTIONS.



ISOMETRIC VIEW
 SCALE 0.10



I SCALE .10



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 PPPL Drafting:

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
1	REVISED F/N 2 PER ECN-4903	DW	9/04	MJC			DEW					
REV	REVISION OR ISSUE PURPOSE											

QTY	DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
14	DS141-079	FLAT WASHER		9
14	DS141-060	NUT, 12PT HEX 1.375-6UNC-2B		8
14	DS141-038	INSULATING WASHER		7
7	DS141-036	STUD, 1.375-6UNC-2A X 9 LG		6
14	-5	MCWF INSULATING SLEEVE TYPE-A	GIICR NEMA LI 1 - 1998	5
1	-4	INSULATING SHEET TYPE-A	GIICR NEMA LI 1 - 1998	4
1	SEI41-048	POL BREAK SHIM ASSEMBLY TYPE-A		3
1	SEI41-114	PRODUCTION WINDING FORM TYPE-A		2
AR	X	-1	MOD COIL WINDING FORM ASSEMBLY TYPE-A	1

← NEXT ASSEMBLY

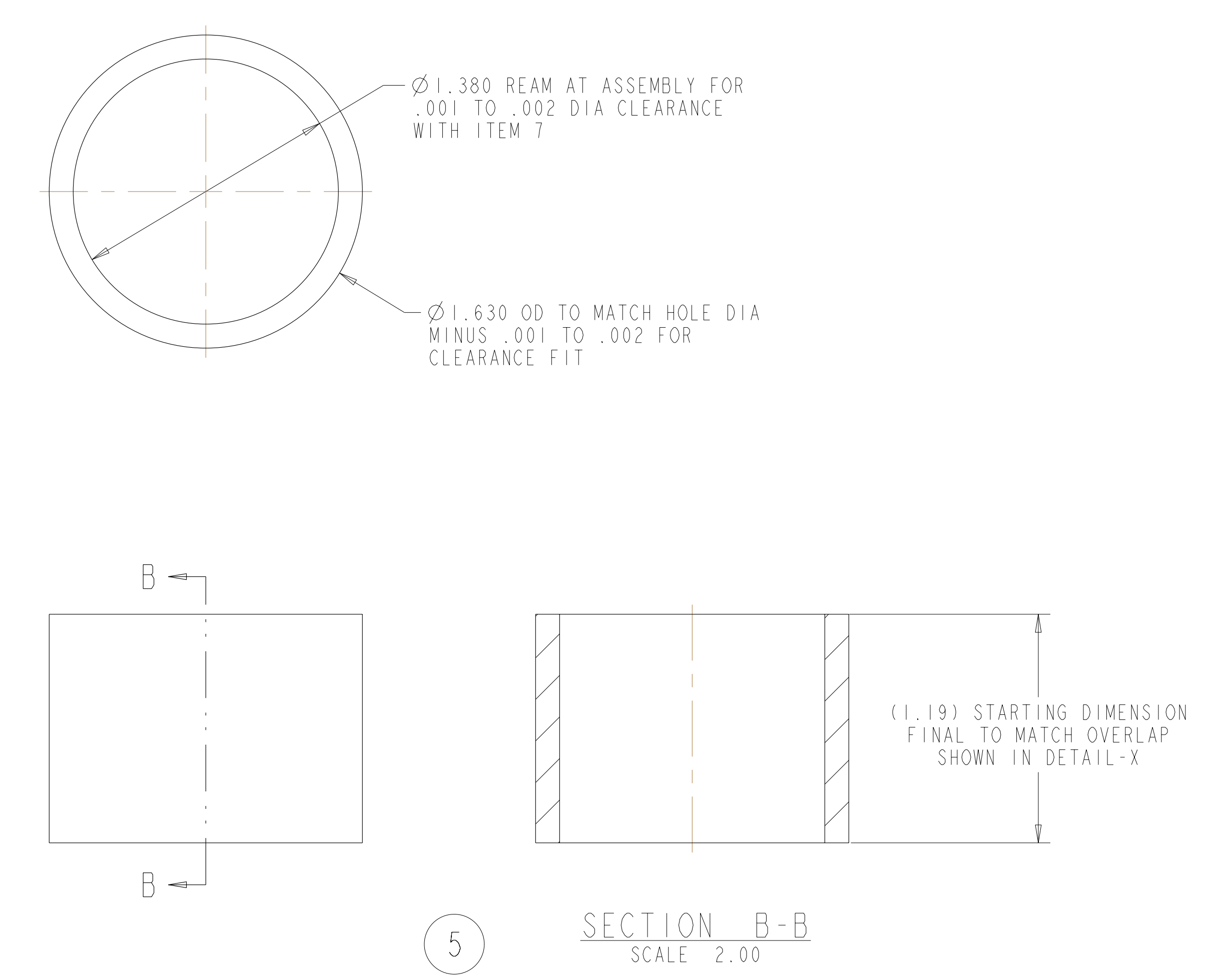
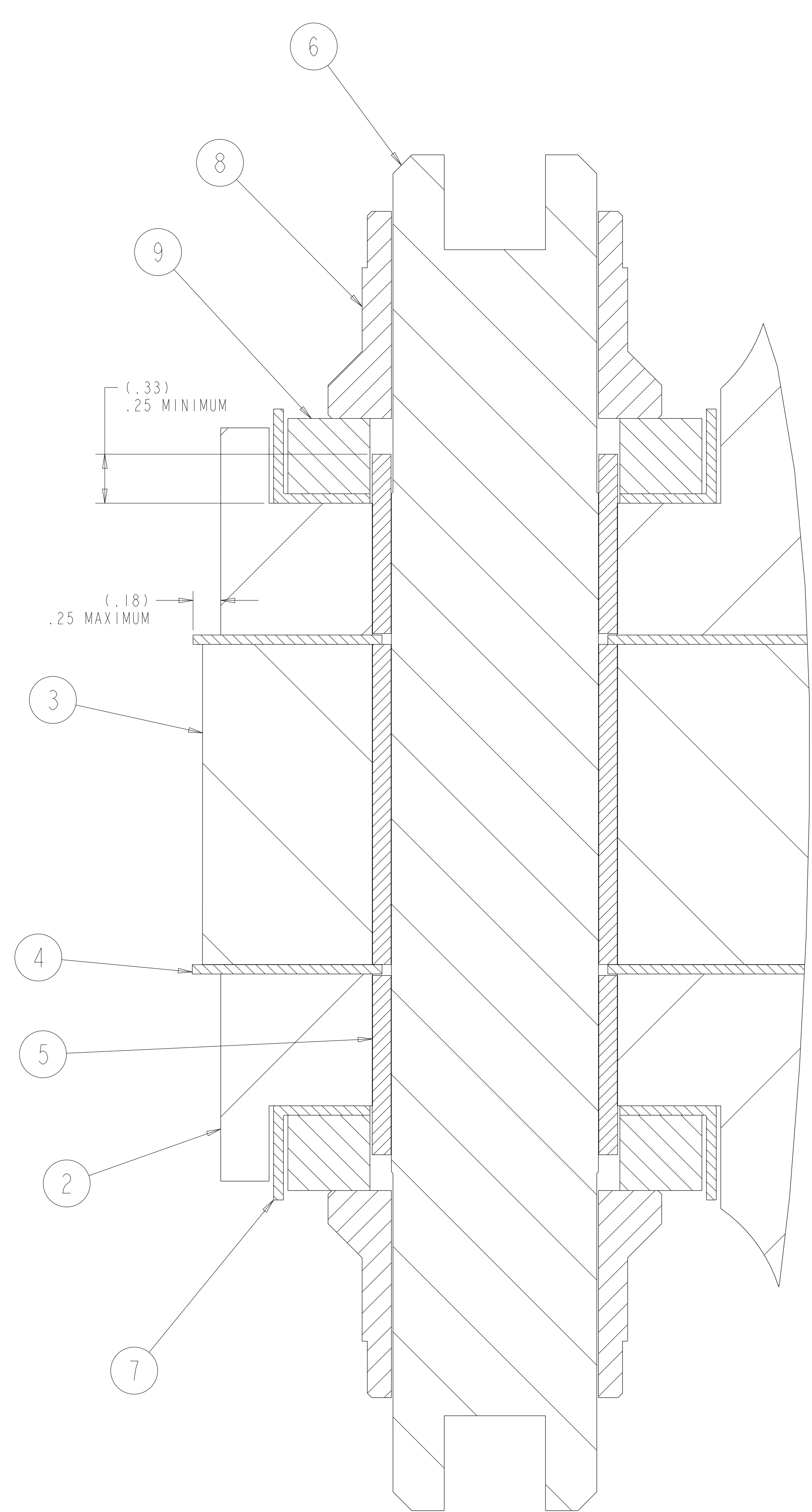
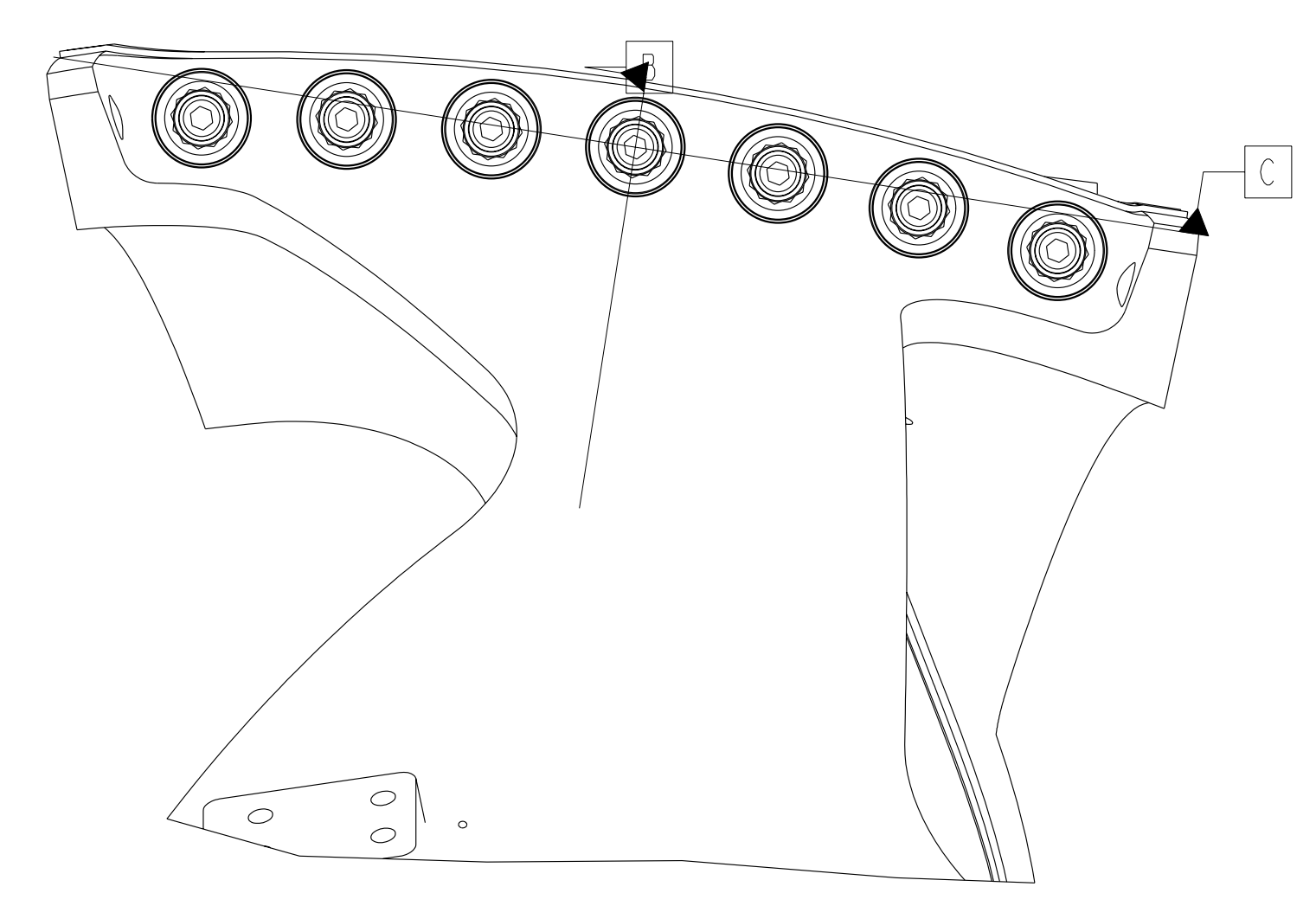
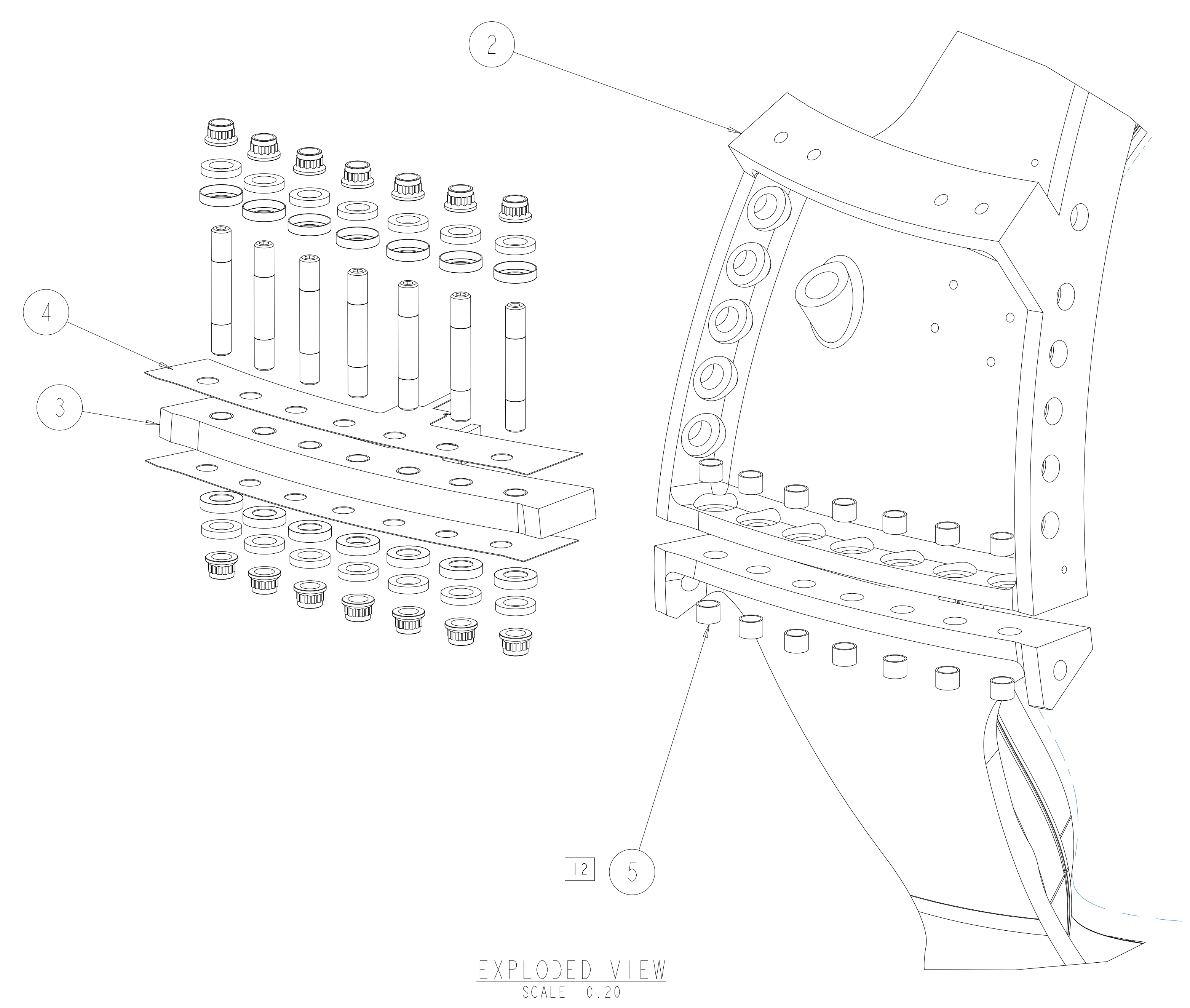
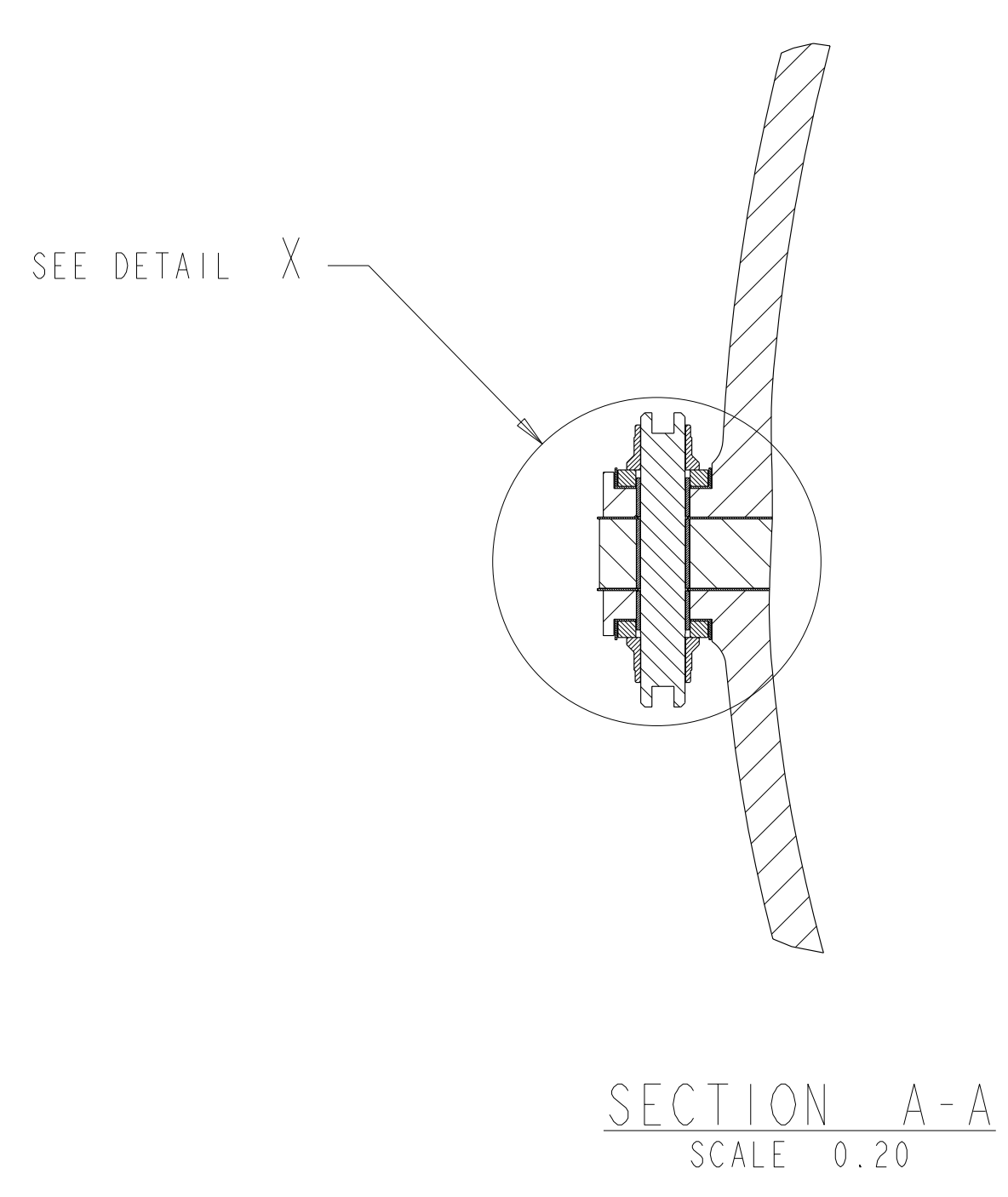
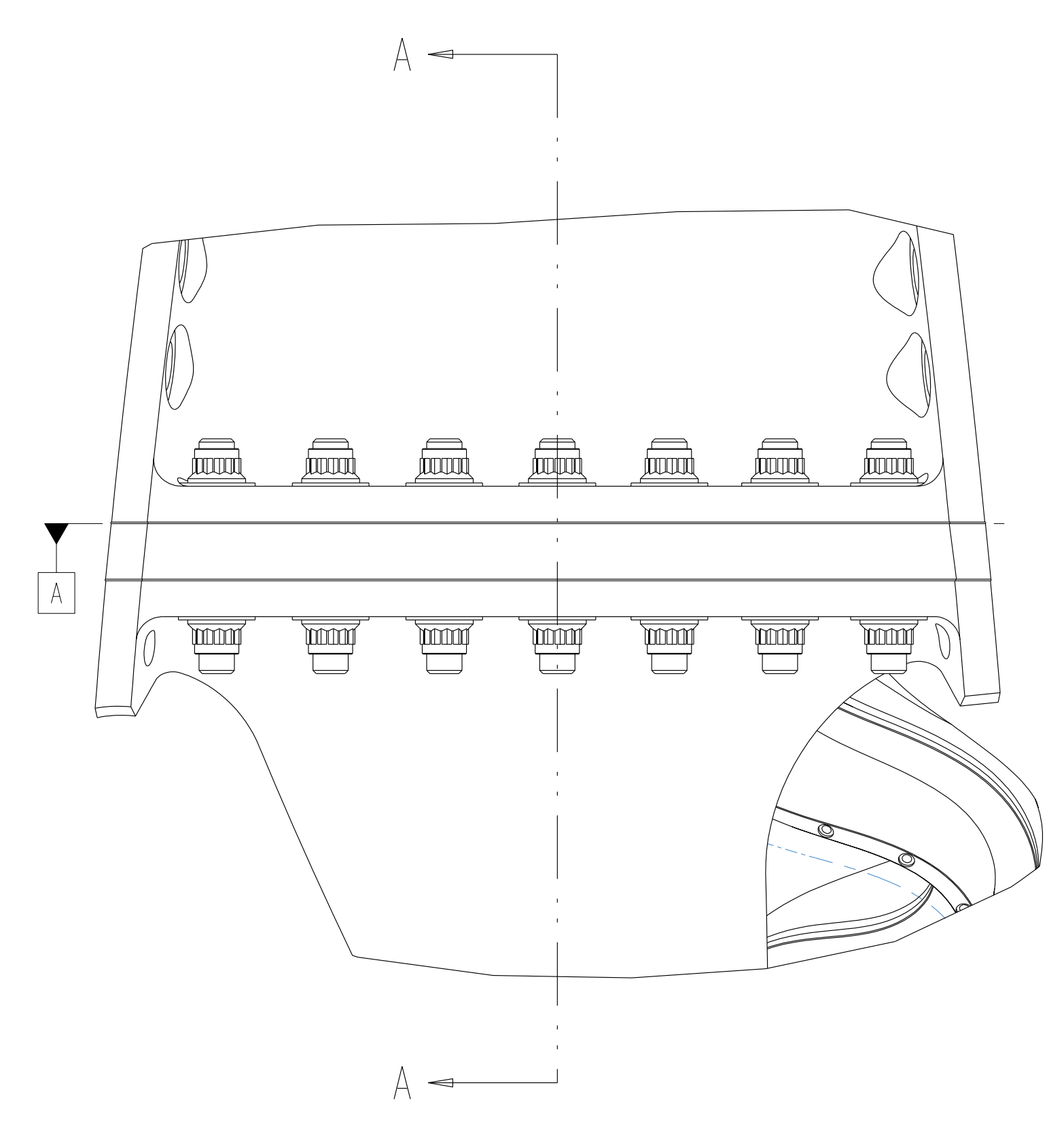
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P THIS DRAWING PRODUCED ON PRO-ENGINEER

SCALE NOTED	DES: T BROWN 6-30-04	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
TOLERANCES UNLESS OTHERWISE SPECIFIED	DRW: P MILLER 6-30-04	NATIONAL COMPACT STELLARATOR EXPERIMENT	
FRACTIONS	CHK: M COLE 6-30-04	MOD COIL WINDING FORM ASSEMBLY TYPE-A	
XX DECIMALS ±.01	SECT: :		
XXX DECIMALS ±.005	DEPT: :		
ANGLES ±0°15'	PE: D WILLIAMSON 6-30-04		
BREAK SHARP EDGES .06 MAX	CR: :		
FINISH .125 UNLESS OTHERWISE SPECIFIED	PJ: :		
	REQ: :		
	PPPL DRFT: J SIEGEL 6-30-04	VERSION NO. 6	PLANT X-10
		BLDG 5700	FL 3
		SHT OF 1	TYPE S
		CLASS U	REV I
		RELEASE LEVEL Fabrication	SEI41-101
		DRAWING APPROVALS	DATE

H
G
F
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D
C
B
A

FOR NOTES AND PARTS LIST SEE SHEET 1



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 PPPL Drafting

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							
UT-BATTELLE NATIONAL COMPACT STELLARATOR EXPERIMENT							
MOD COIL WINDING FORM ASSEMBLY TYPE-A							
VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS	
6	X-10	5700	3	2	S	U	
RELEASE LEVEL	SE141-101						
Fabrication							

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