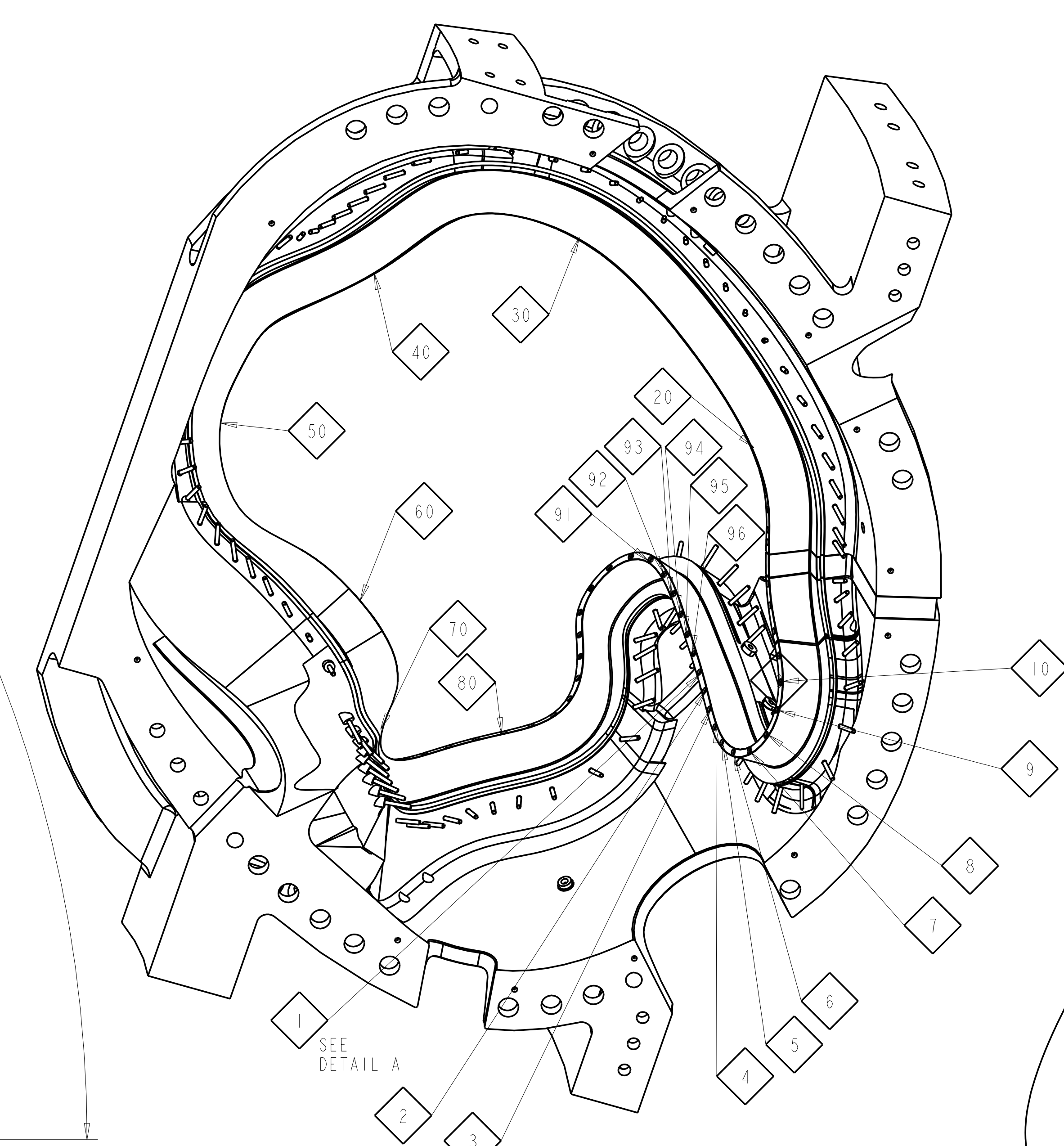
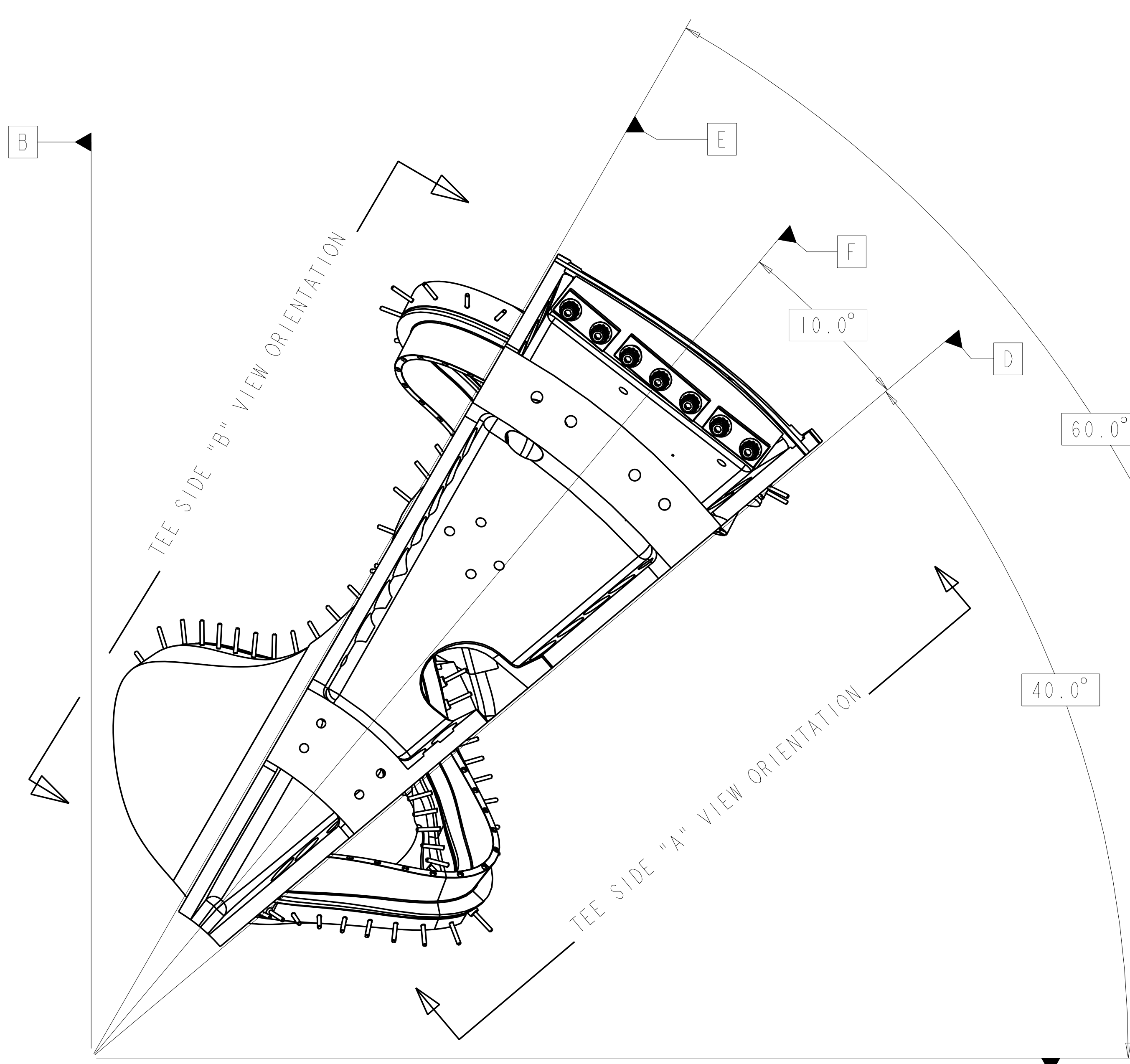
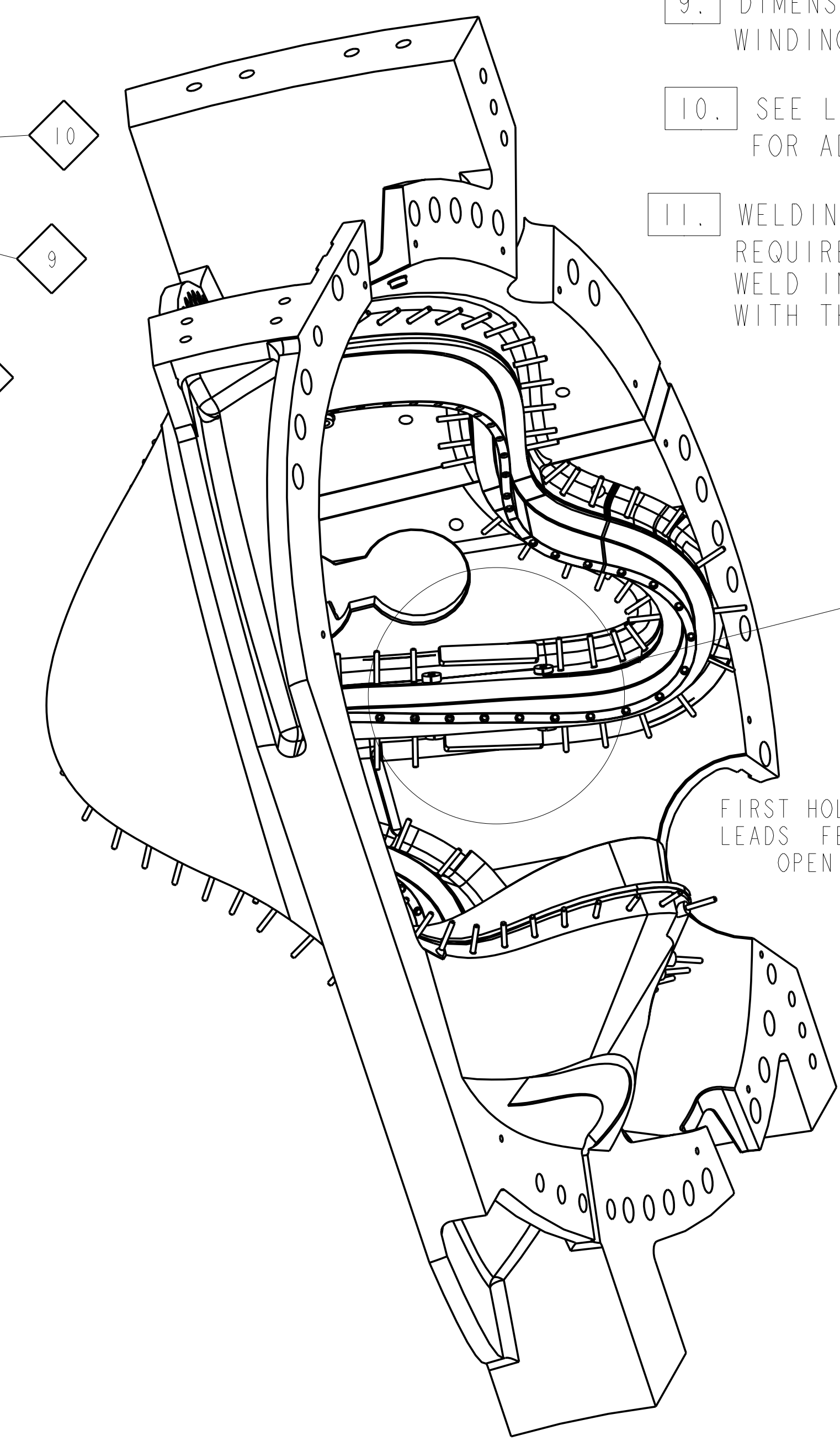


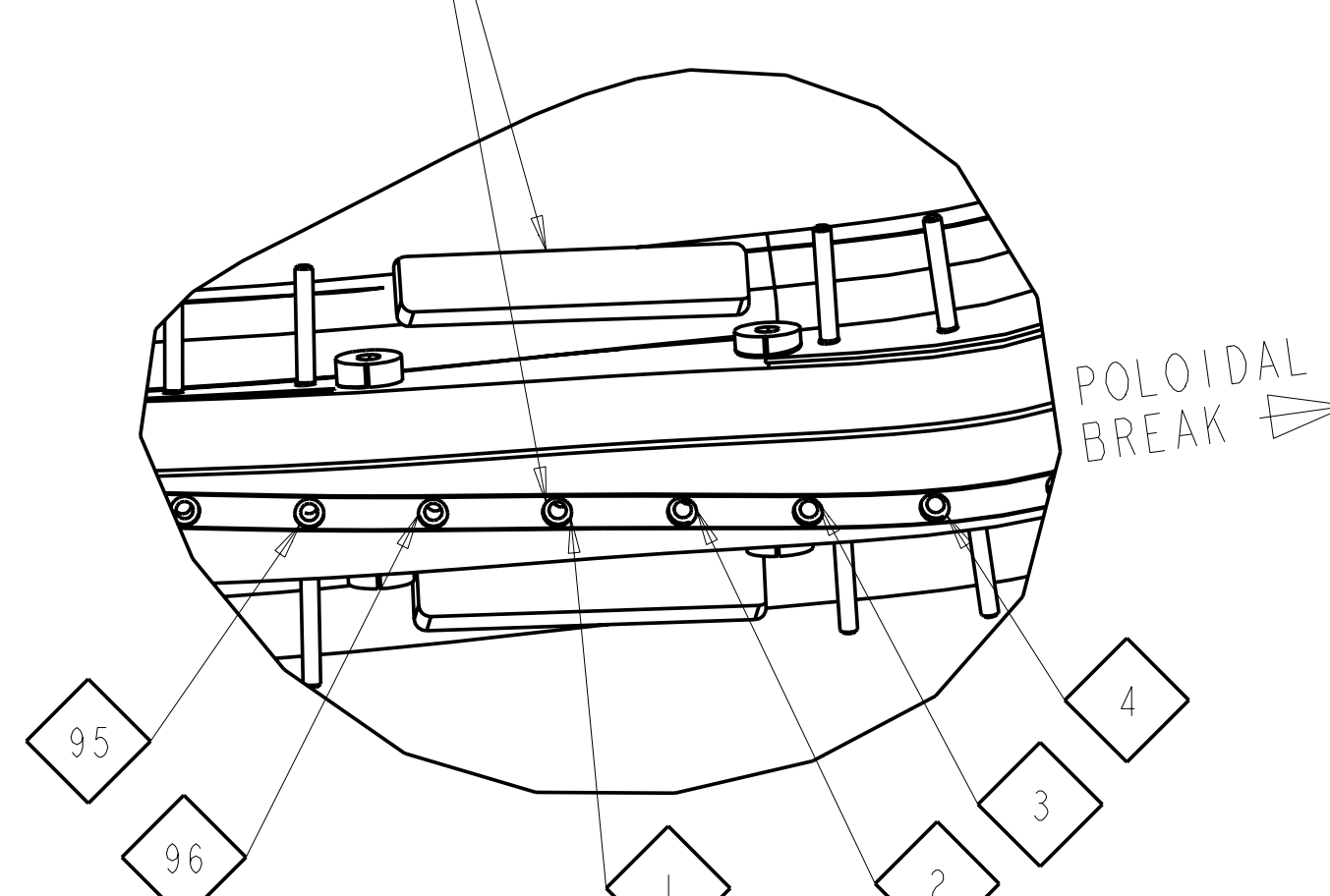
- NOTES:
- DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.8M-1996.
 - INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1994.
 - DIMENSIONS ARE IN INCHES.
 - DRAWING DEPICTS FINAL MACHINED STATE OF PART DEFINED BY PRO/ENGINEER FILE SE141-123.PRT.
 - ITEMS 3 AND 4 ARE SHOWN FOR REFERENCE ONLY.
 - UNLESS 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)
 - APPROXIMATE WEIGHT = 5602 LBS
 - DIMENSIONS INDICATE INTERSECTION OF HOLE AXIS AND WINDING FORM SURFACE.
 - SEE LATEST REVISION OF PROCEDURE D-NCSX-MCF-001 FOR ADDITIONAL REQUIREMENTS.
 - WELDING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF PPPL PROCEDURE NO. ENG-037. VISUAL WELD INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ACCEPTANCE CRITERIA OF AWS D1.6.



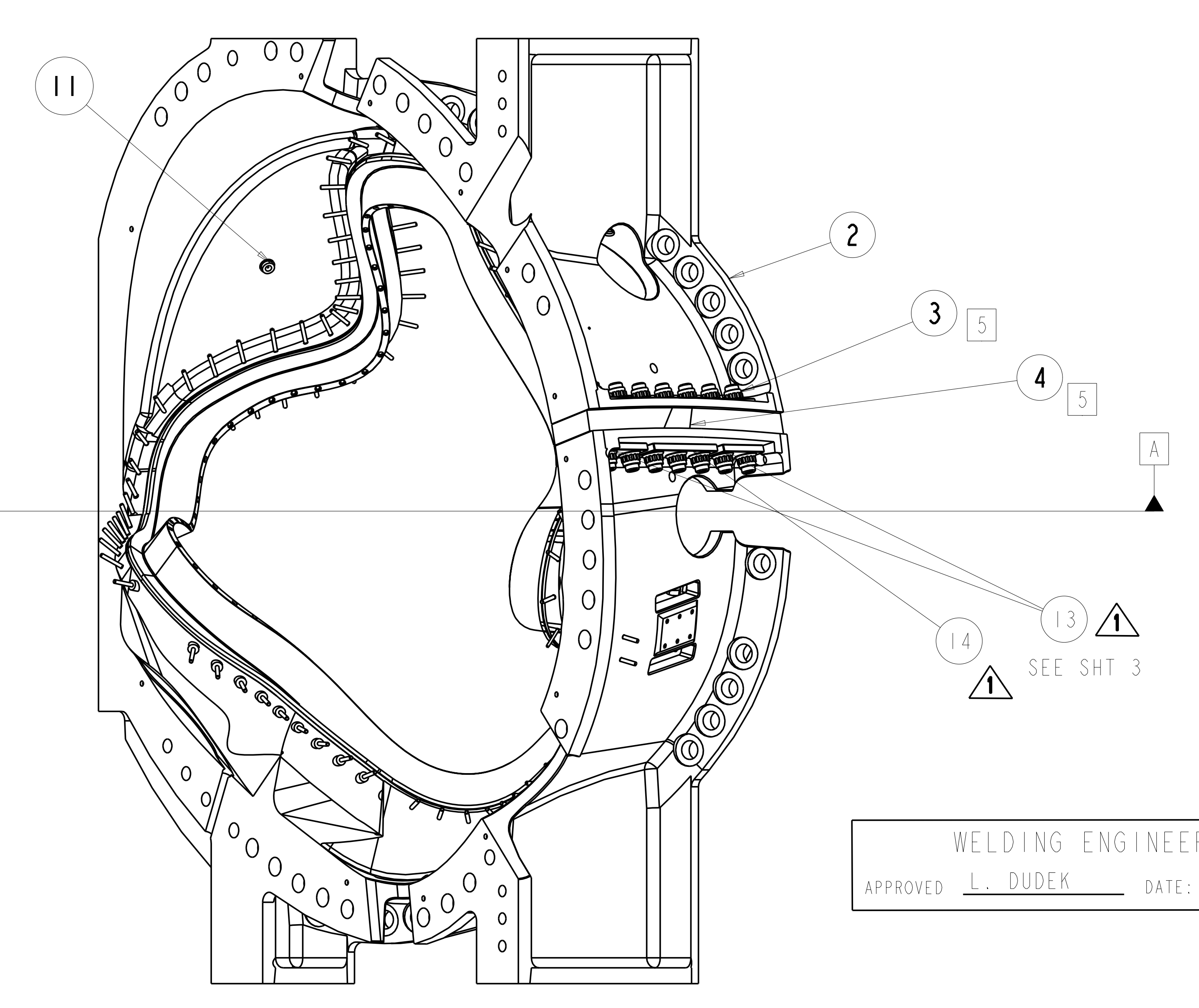
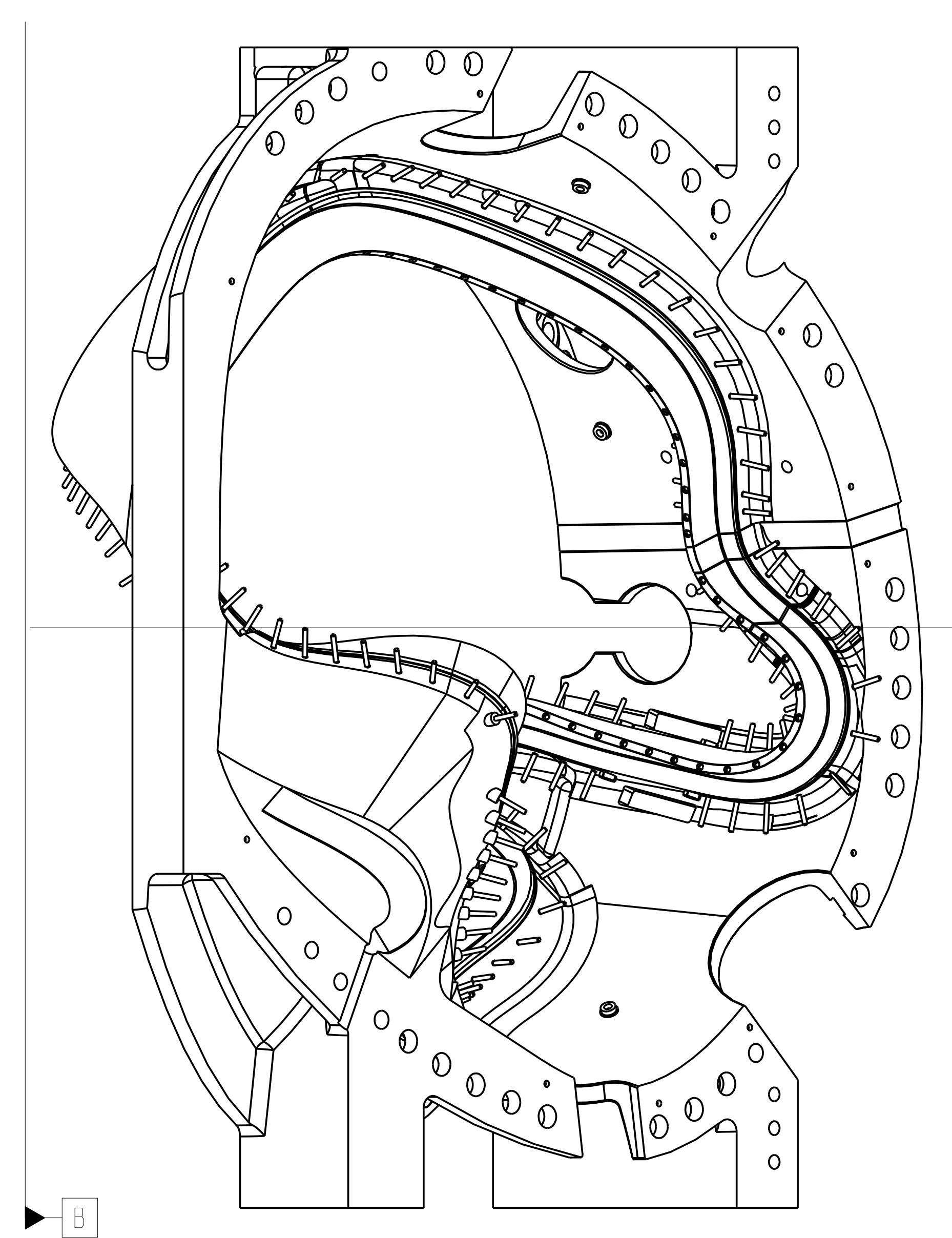
HOLE NUMBERING SEQUENCE
 SCALE 0.125



ISOMETRIC VIEW TO INDICATE START OF HOLE NUMBERING SEQUENCE
 SCALE 0.125



DETAIL A
 SCALE 0.25



WELDING ENGINEER
 APPROVED L. DUDEK DATE: 08/05

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REG	DATE	ORNL	DOE	DATE
1	REVISE POL BREAK ASM PER ECN 5045	GLL	10-05				DEW					
0	INITIAL RELEASE	GLL	8-05				DEW					
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THIS DRAWING PRODUCED ON PRO-ENGINEER

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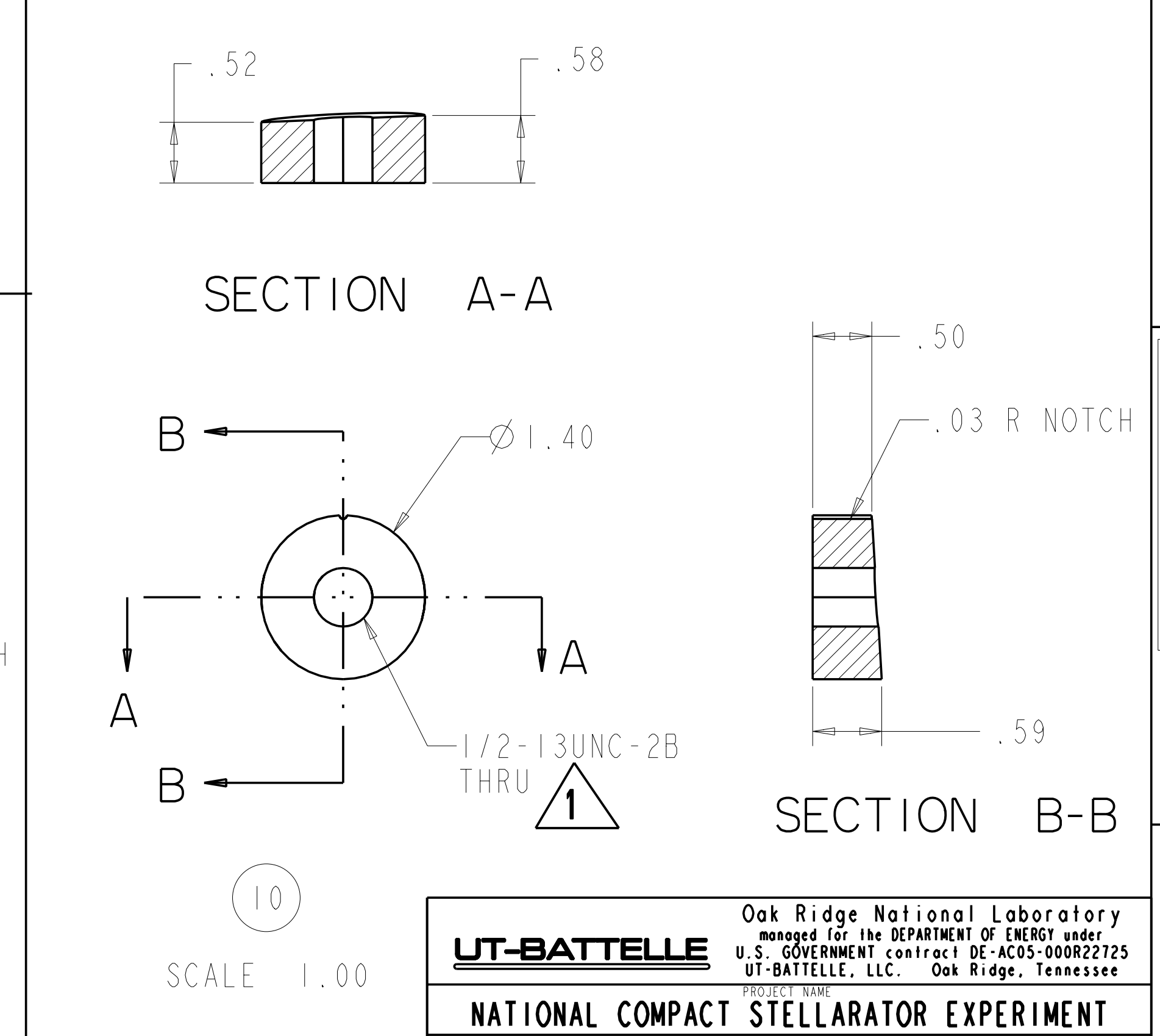
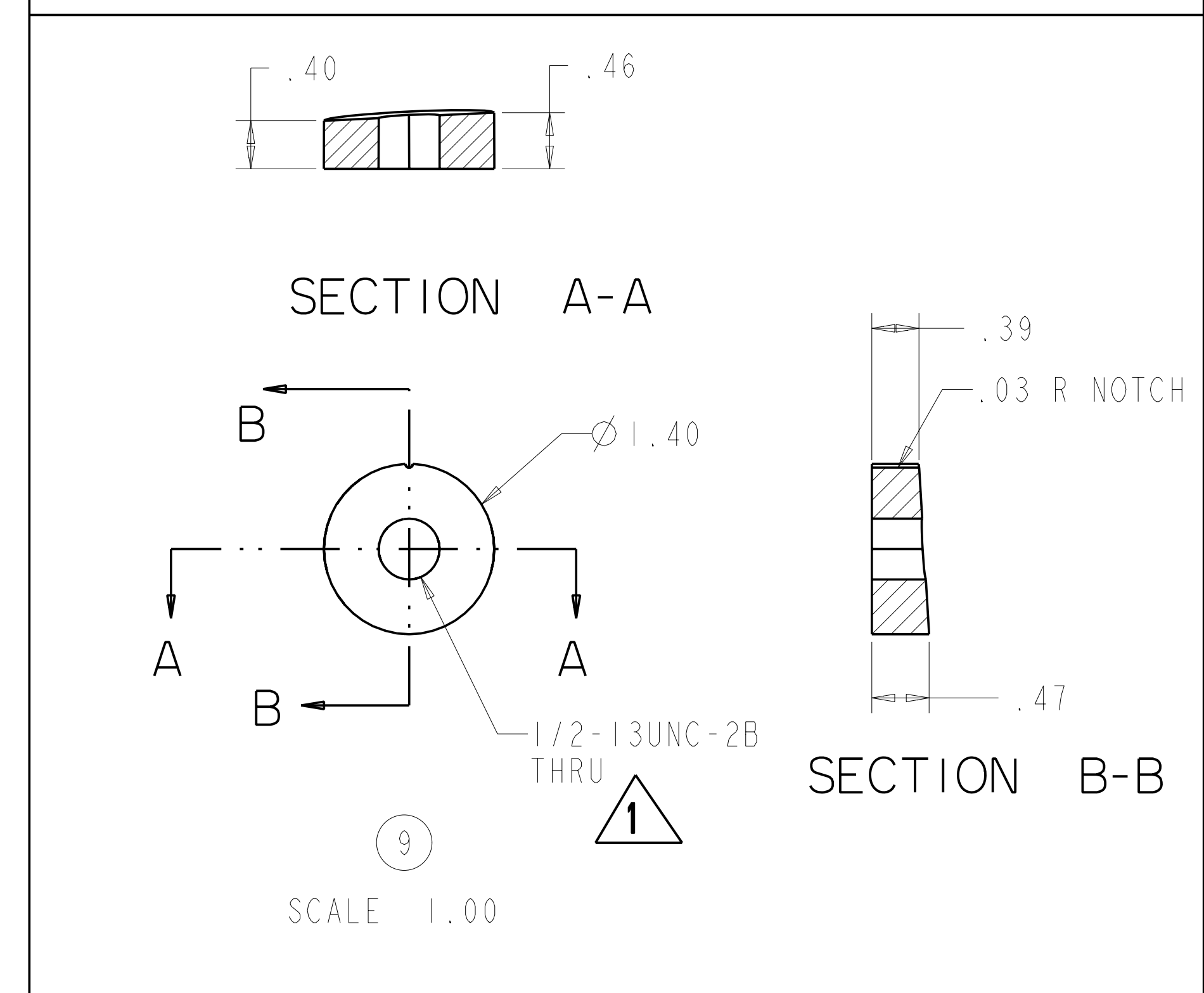
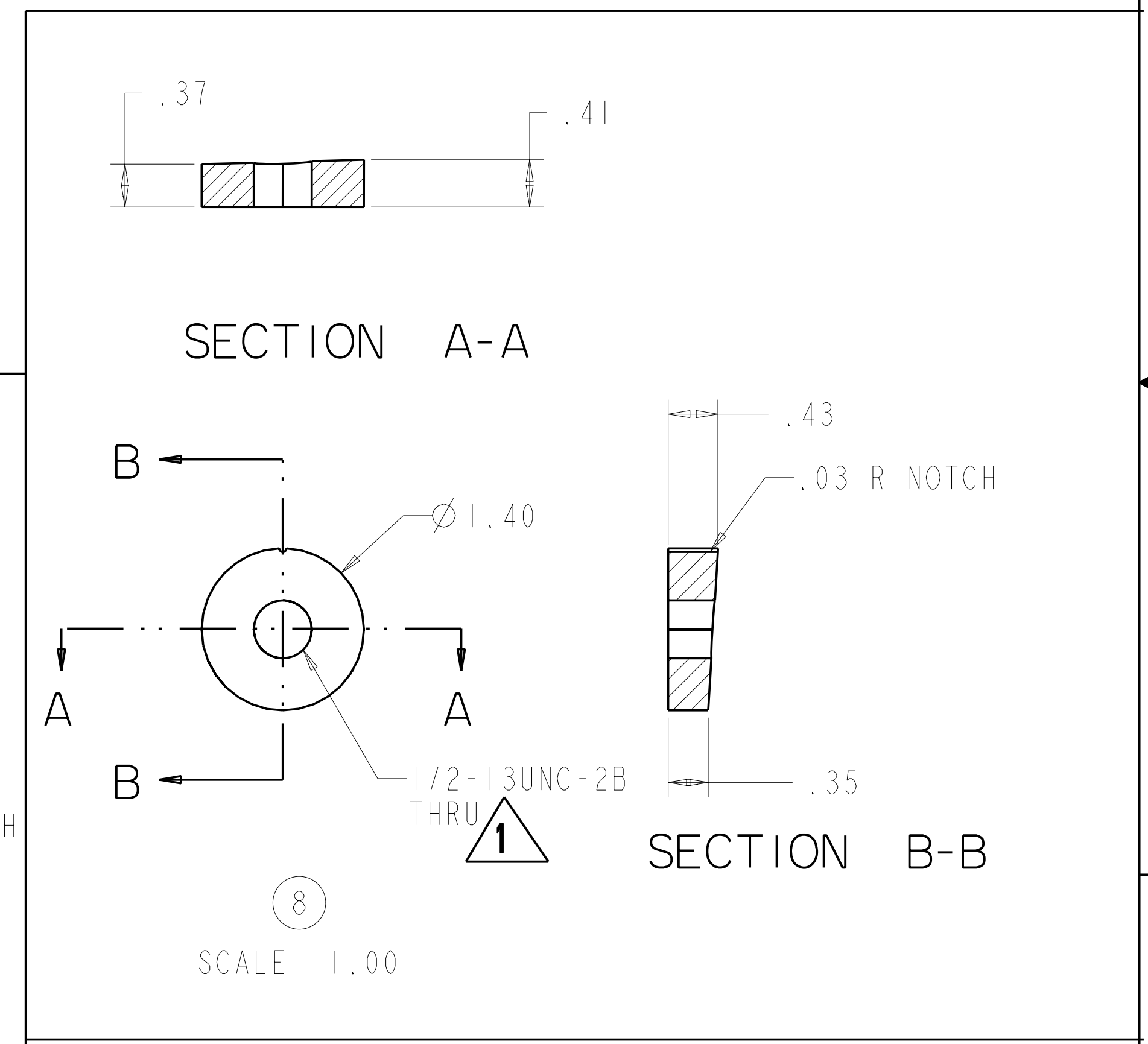
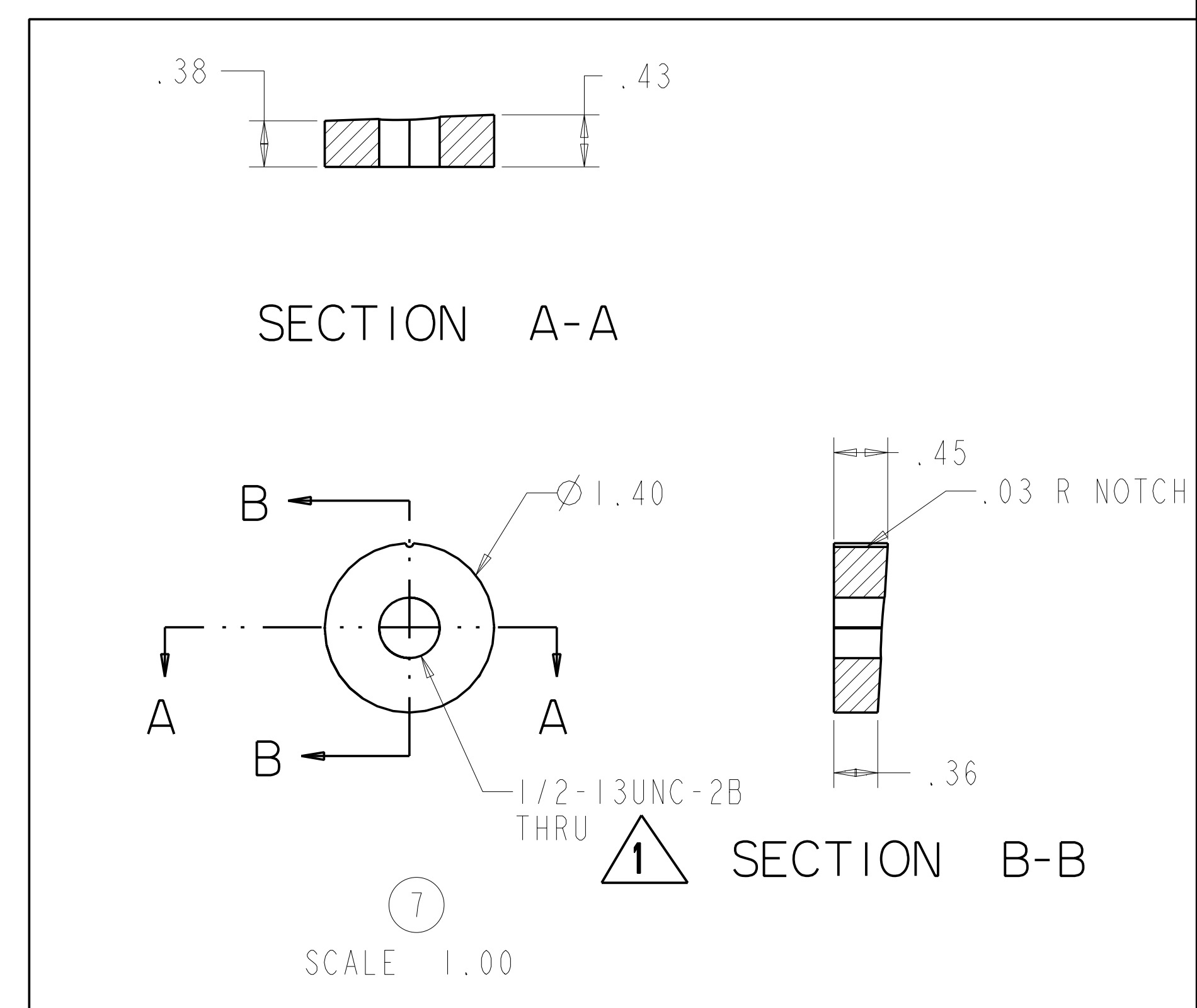
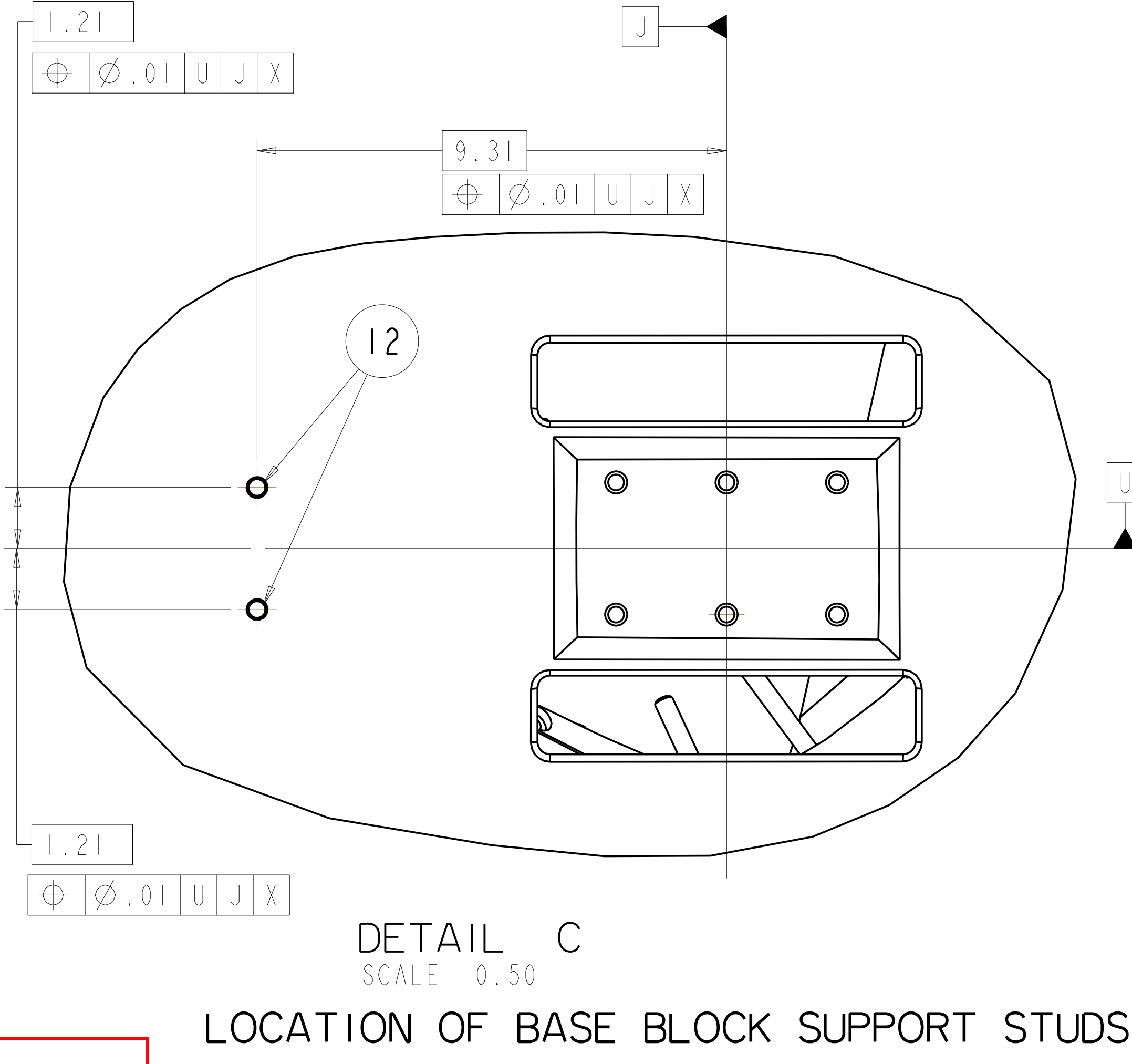
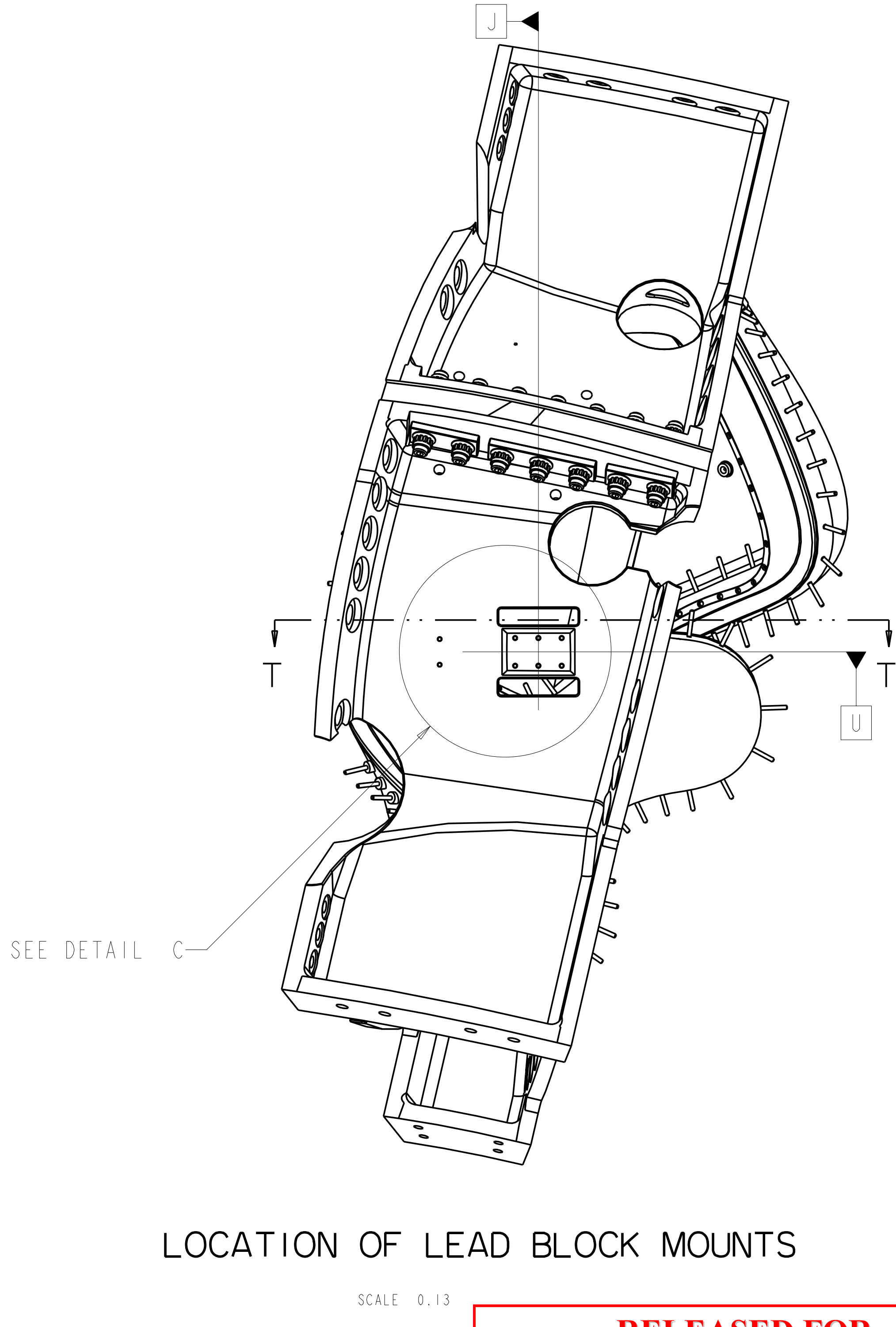
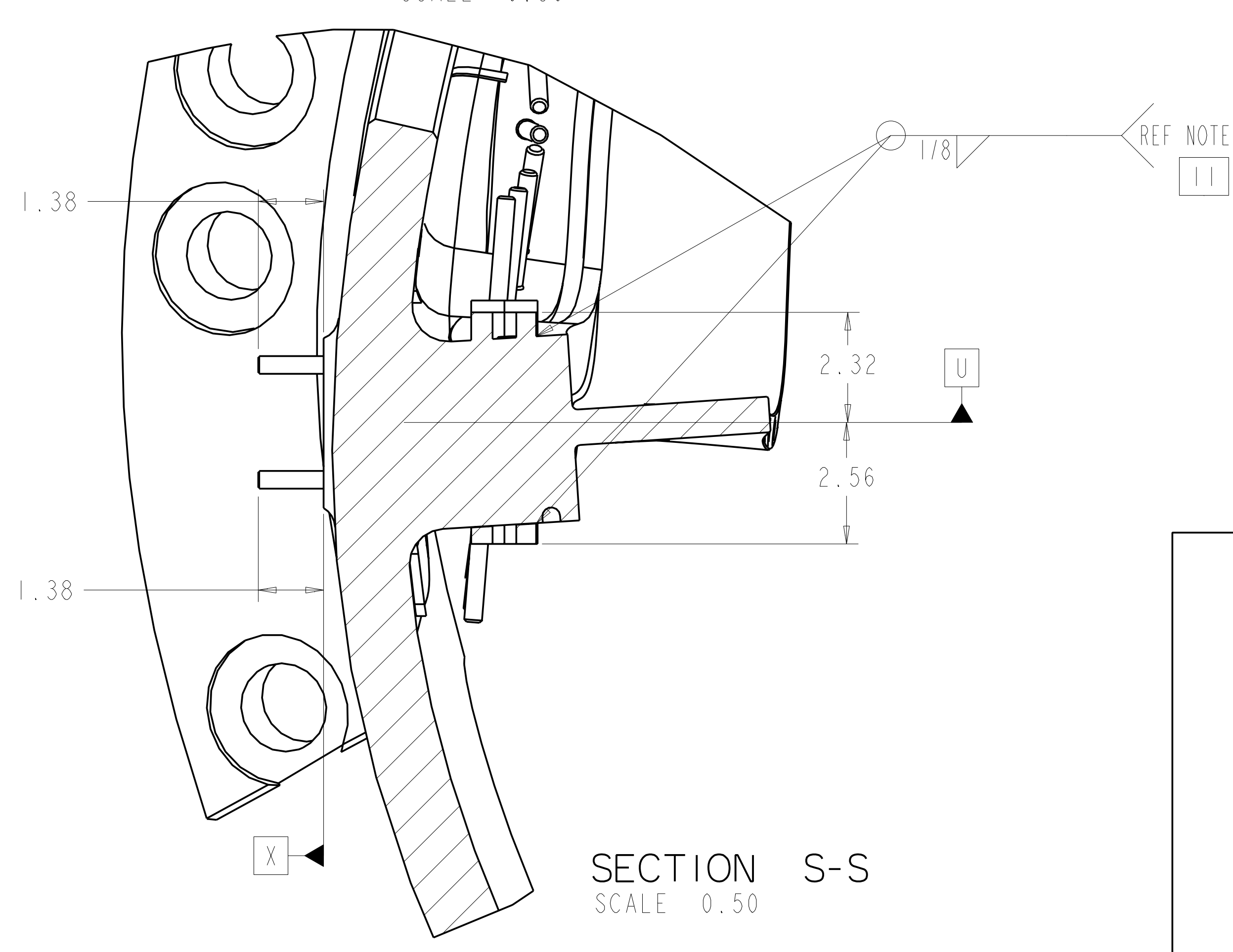
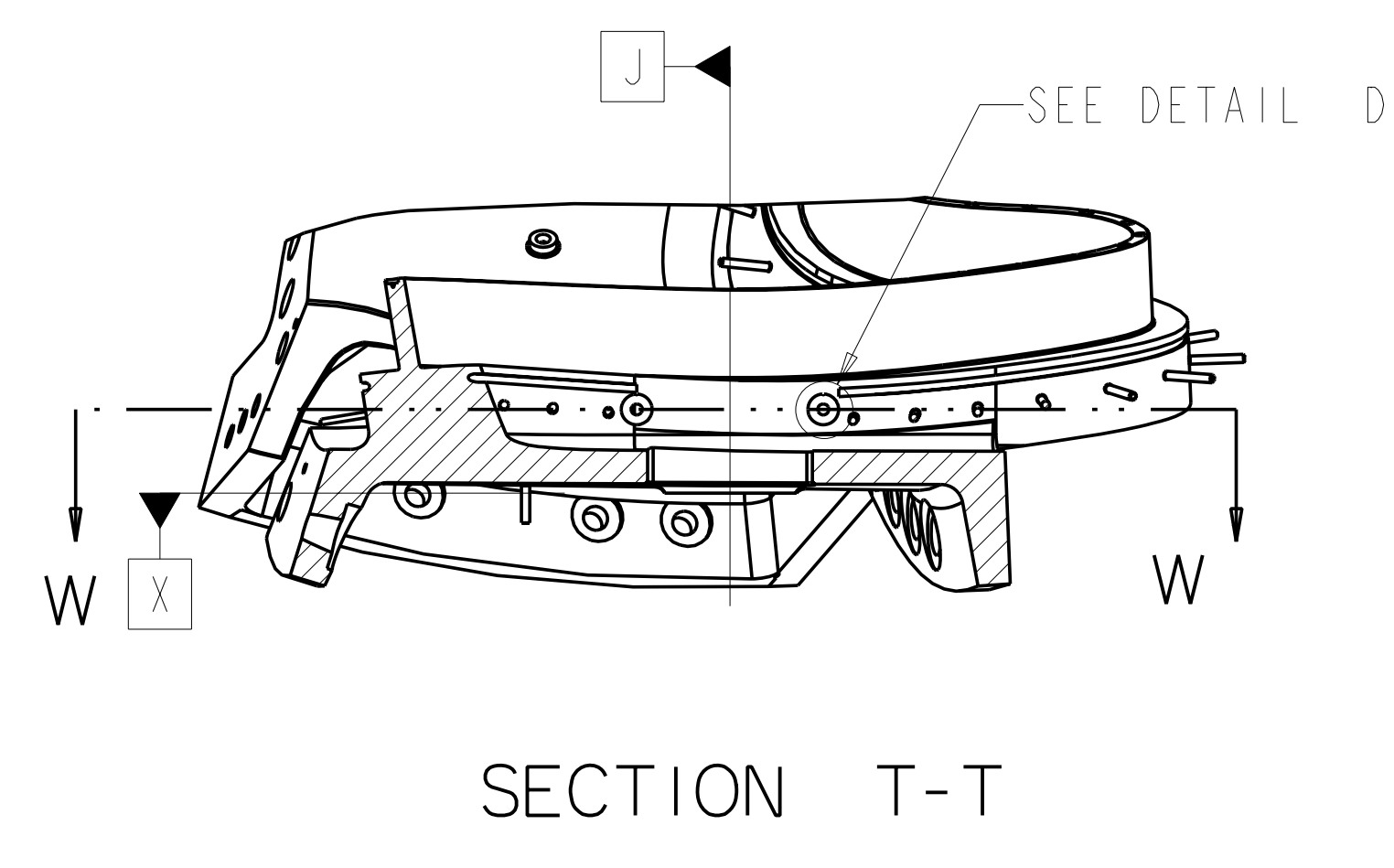
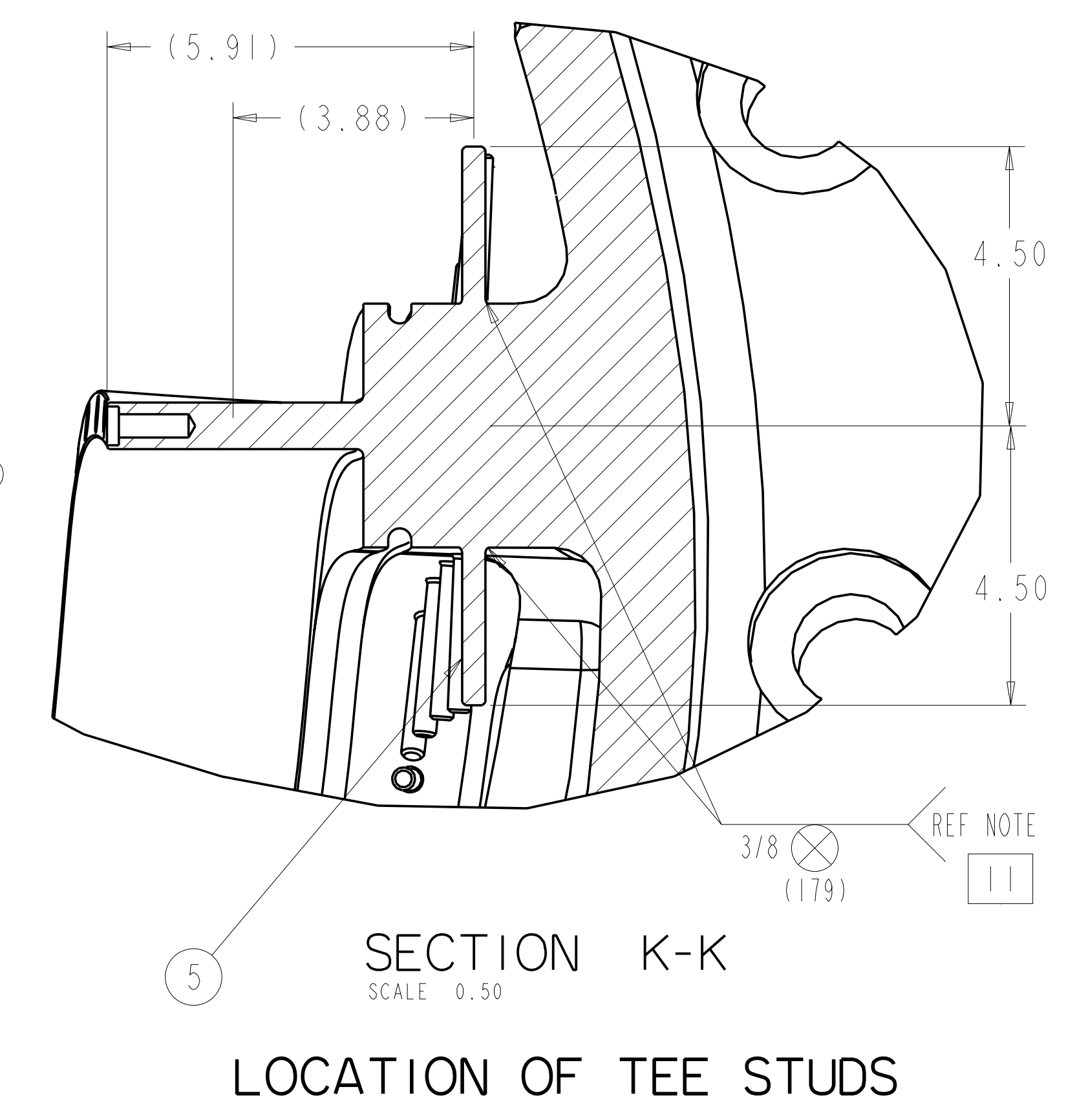
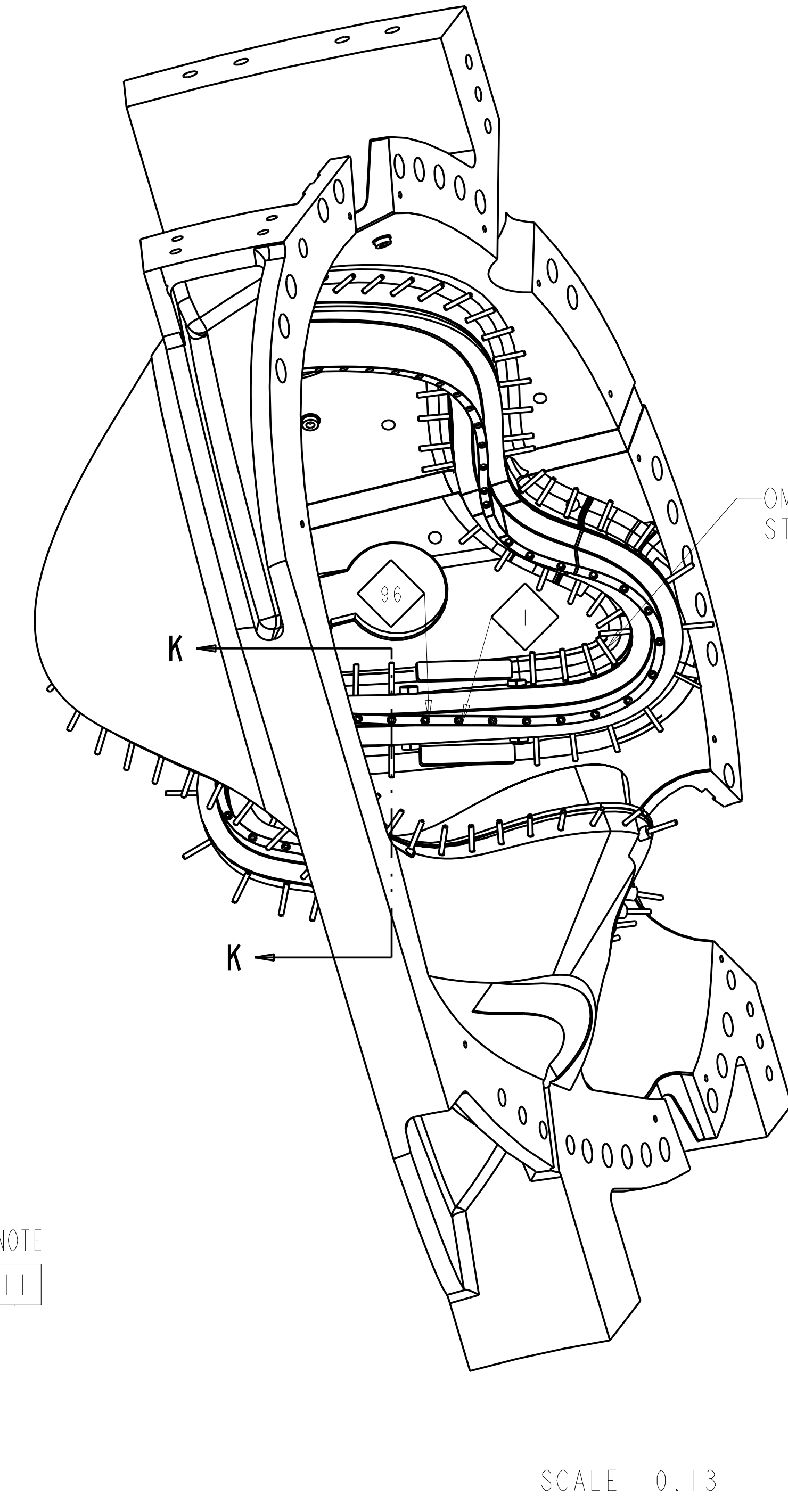
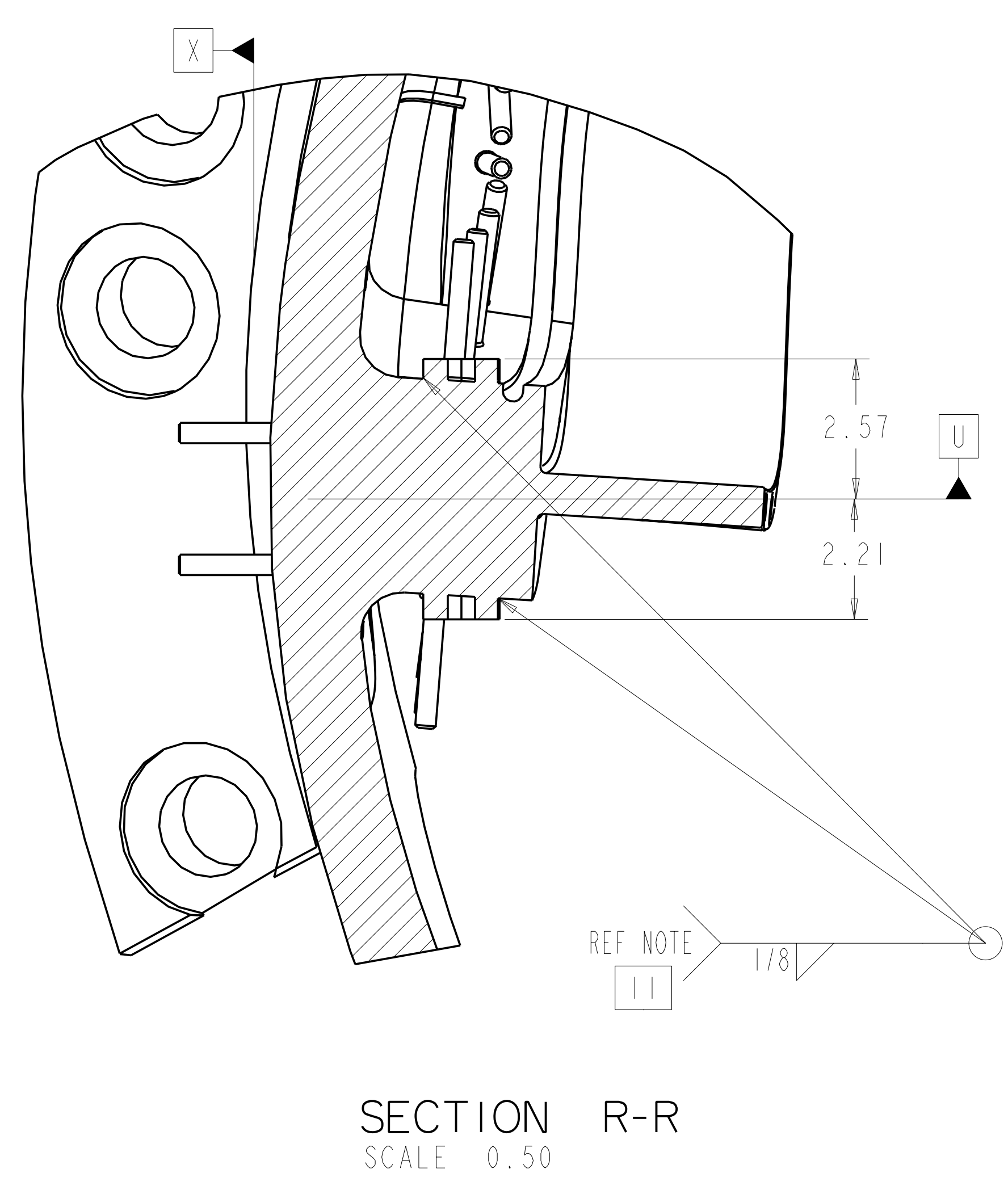
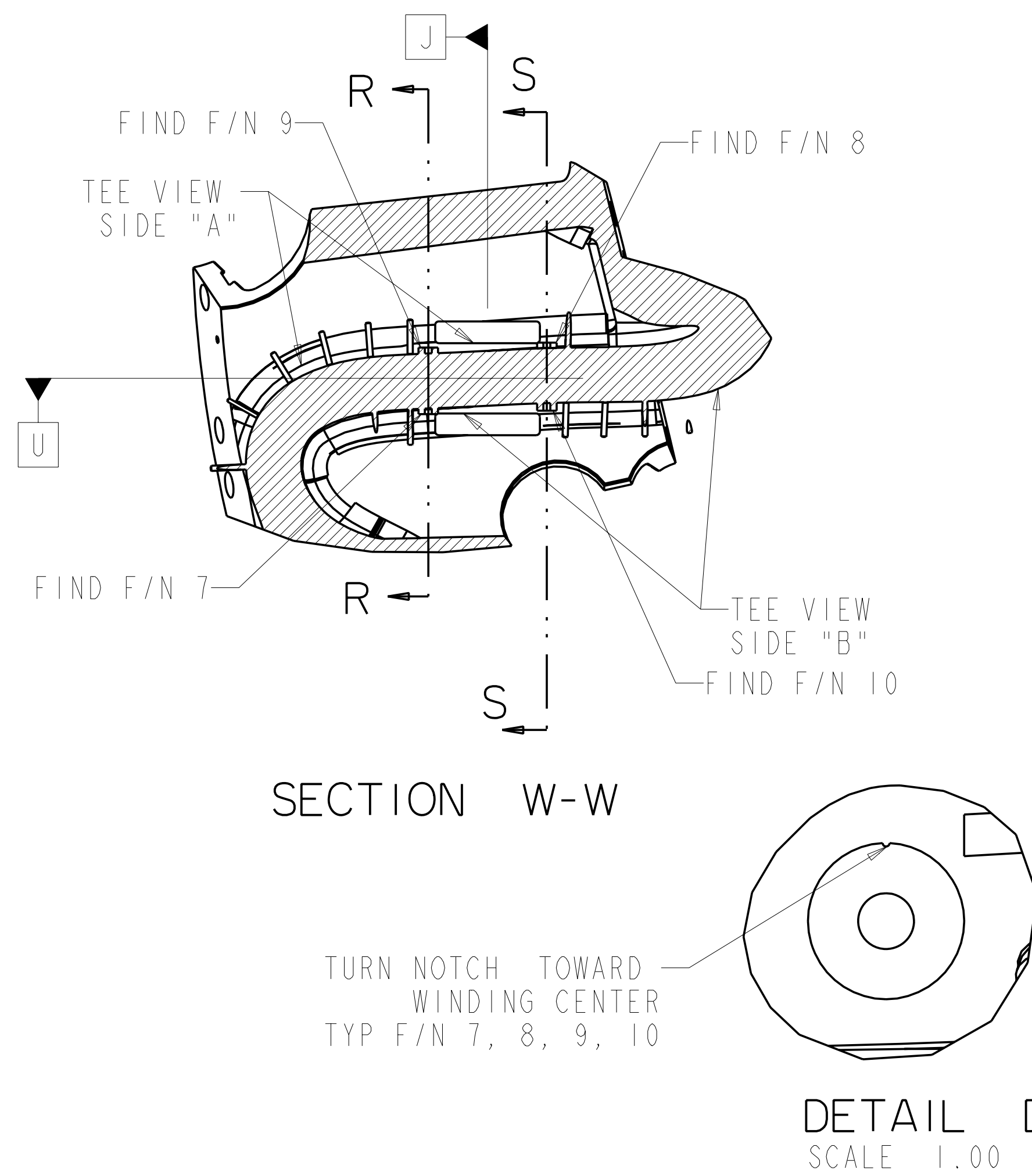
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REV	DESCRIPTION
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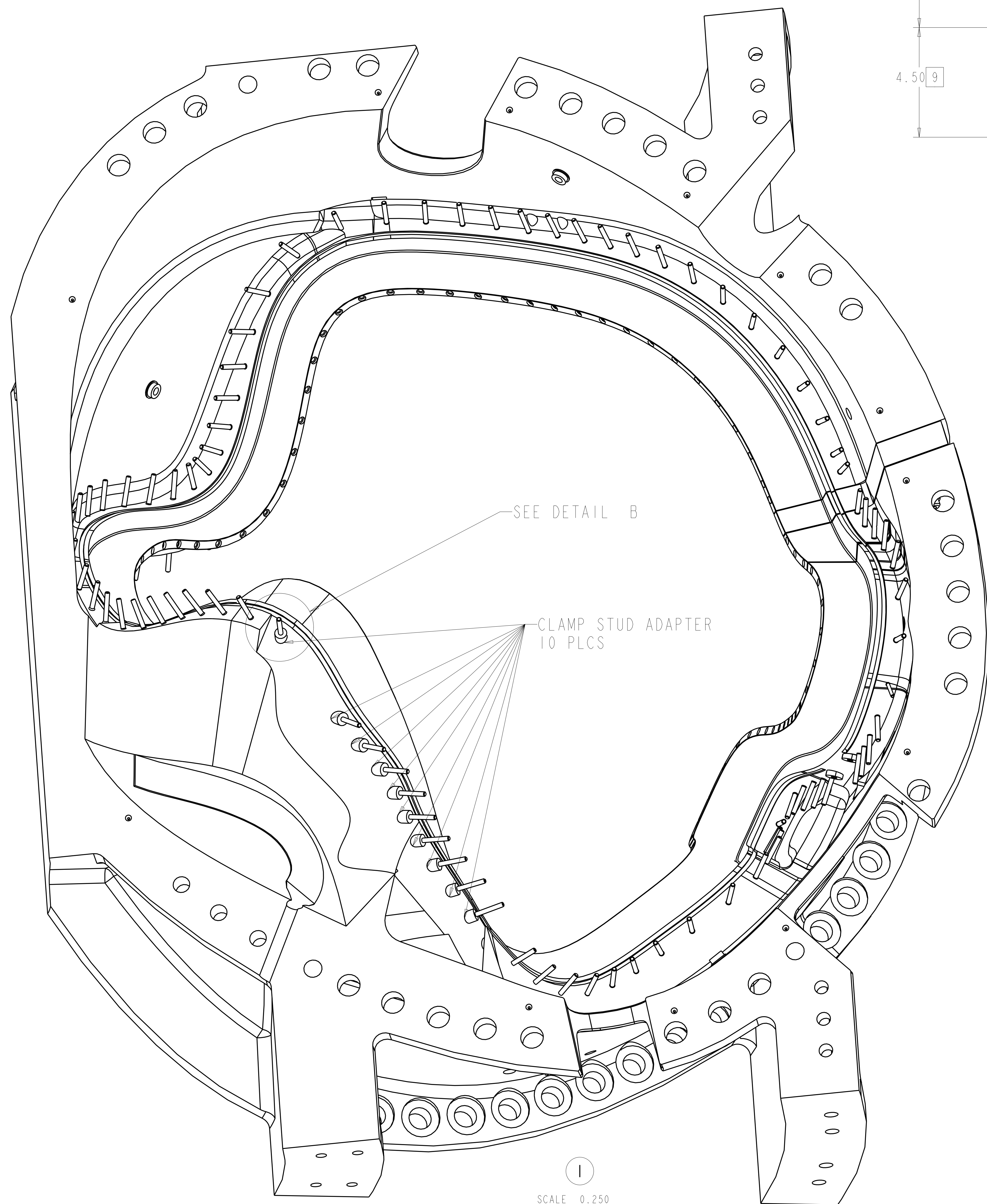
FOR NOTES AND PARTS LIST, SEE SHEET 1.



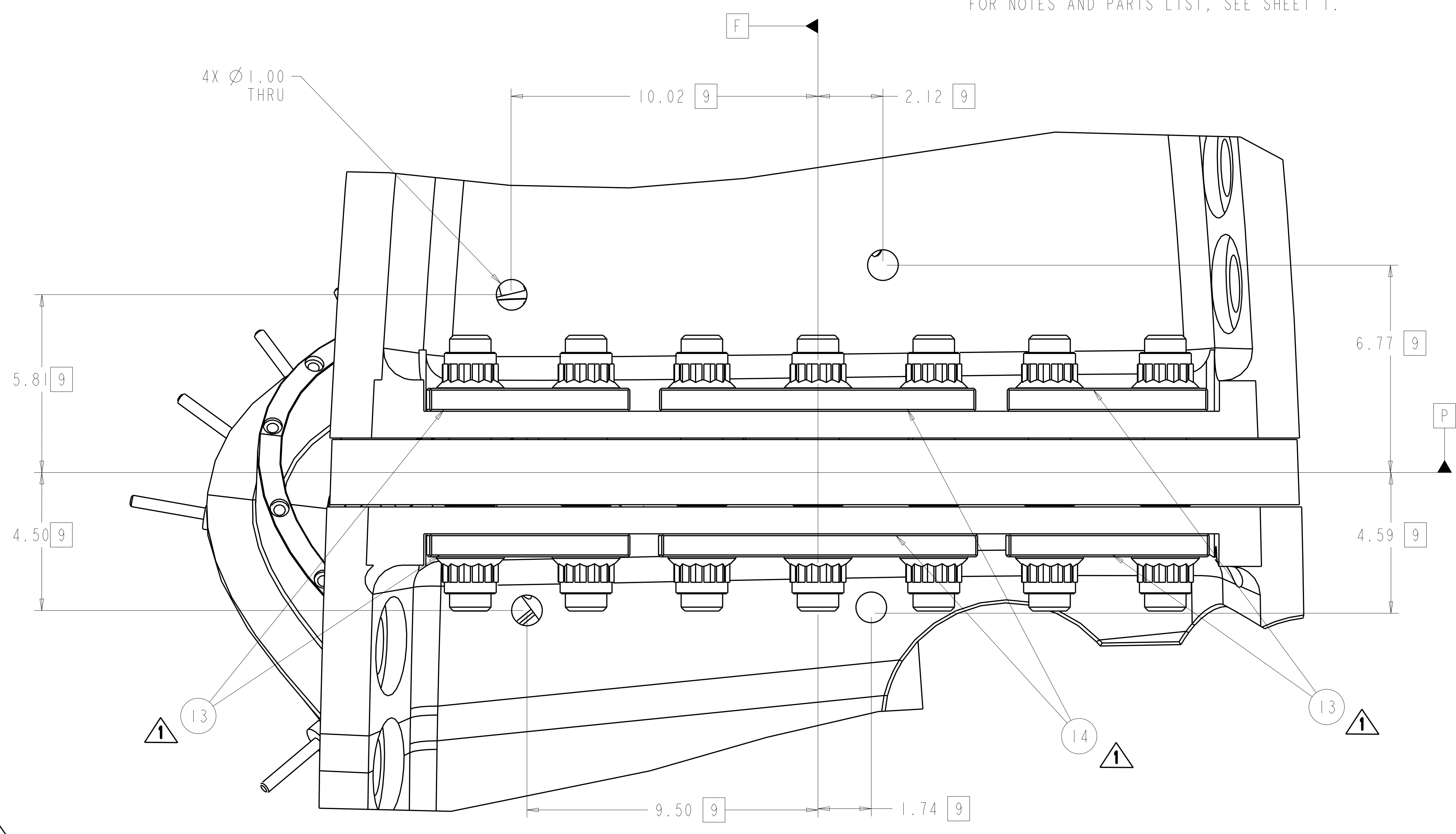
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PPPL Drafting:

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 NATIONAL COMPACT STELLARATOR EXPERIMENT							
MODULAR COIL TYPE-C WINDING FORM AND STUD WELDMENT							
VERSION NO. 9	PLANT X-10	BLDG 5700	FL 3	SHT OF 2	TYPE 4	CLASS S	REV U
RELEASE LEVEL Fabrication		SEI41-123					

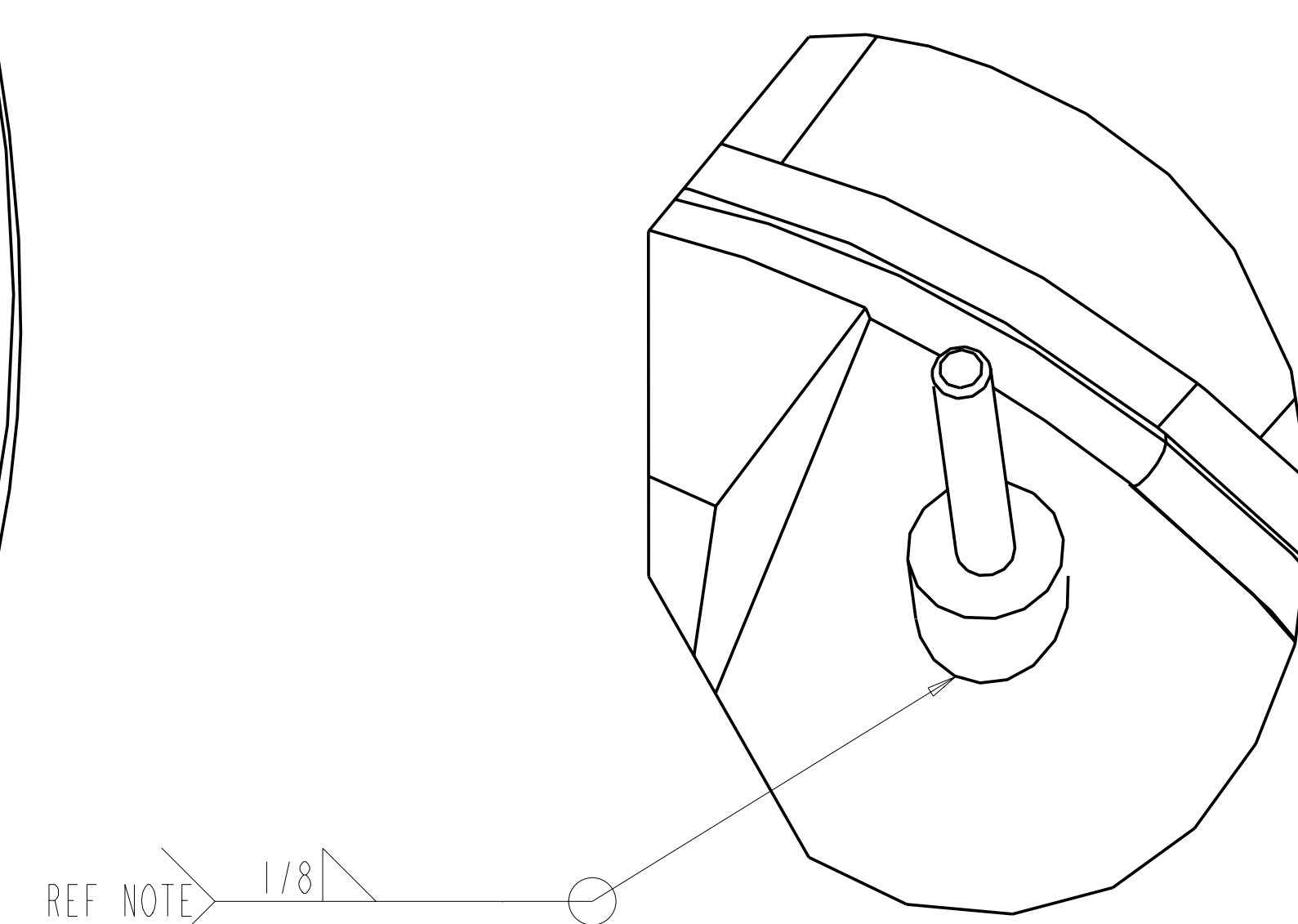
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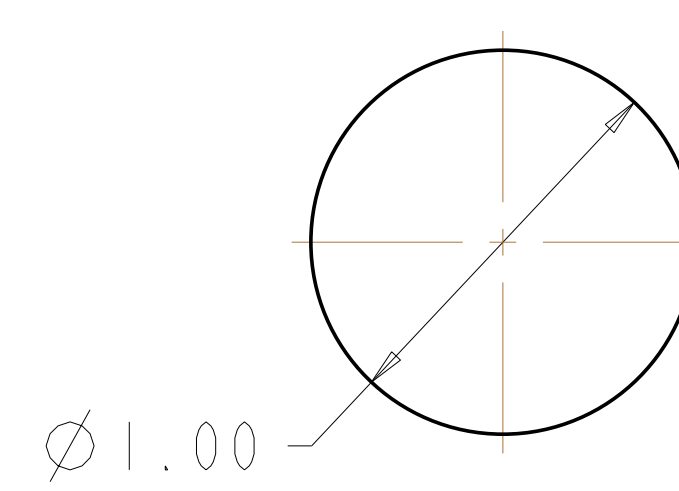
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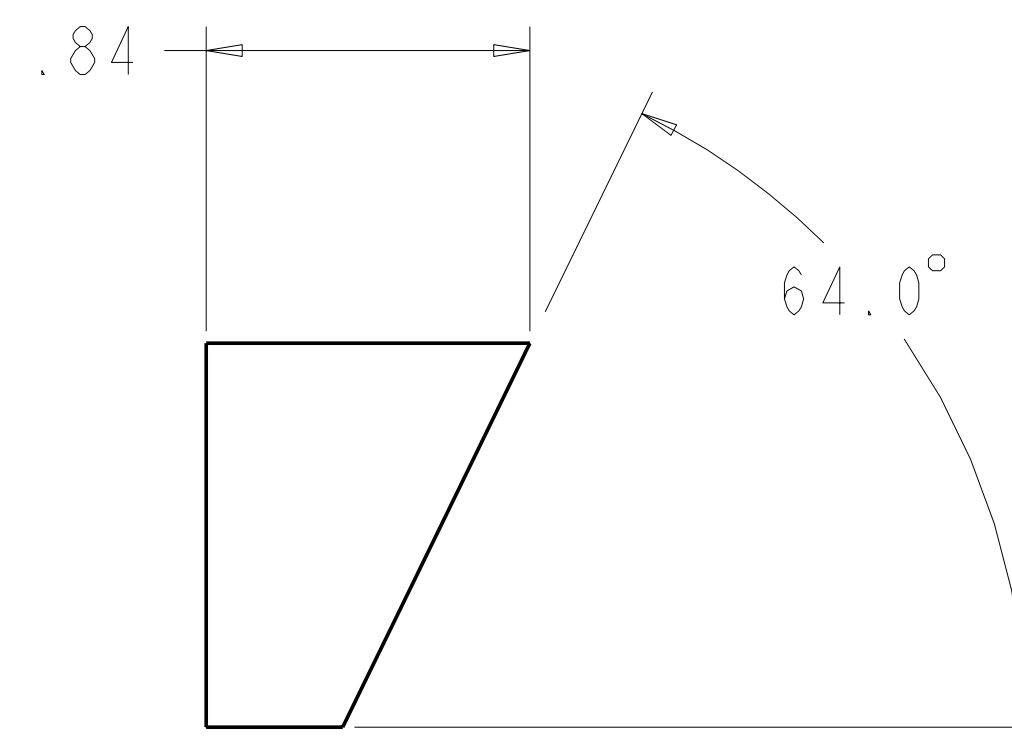


DETAIL B
 (7X) SCALE 1.0



6 CLAMP STUD ADAPTER

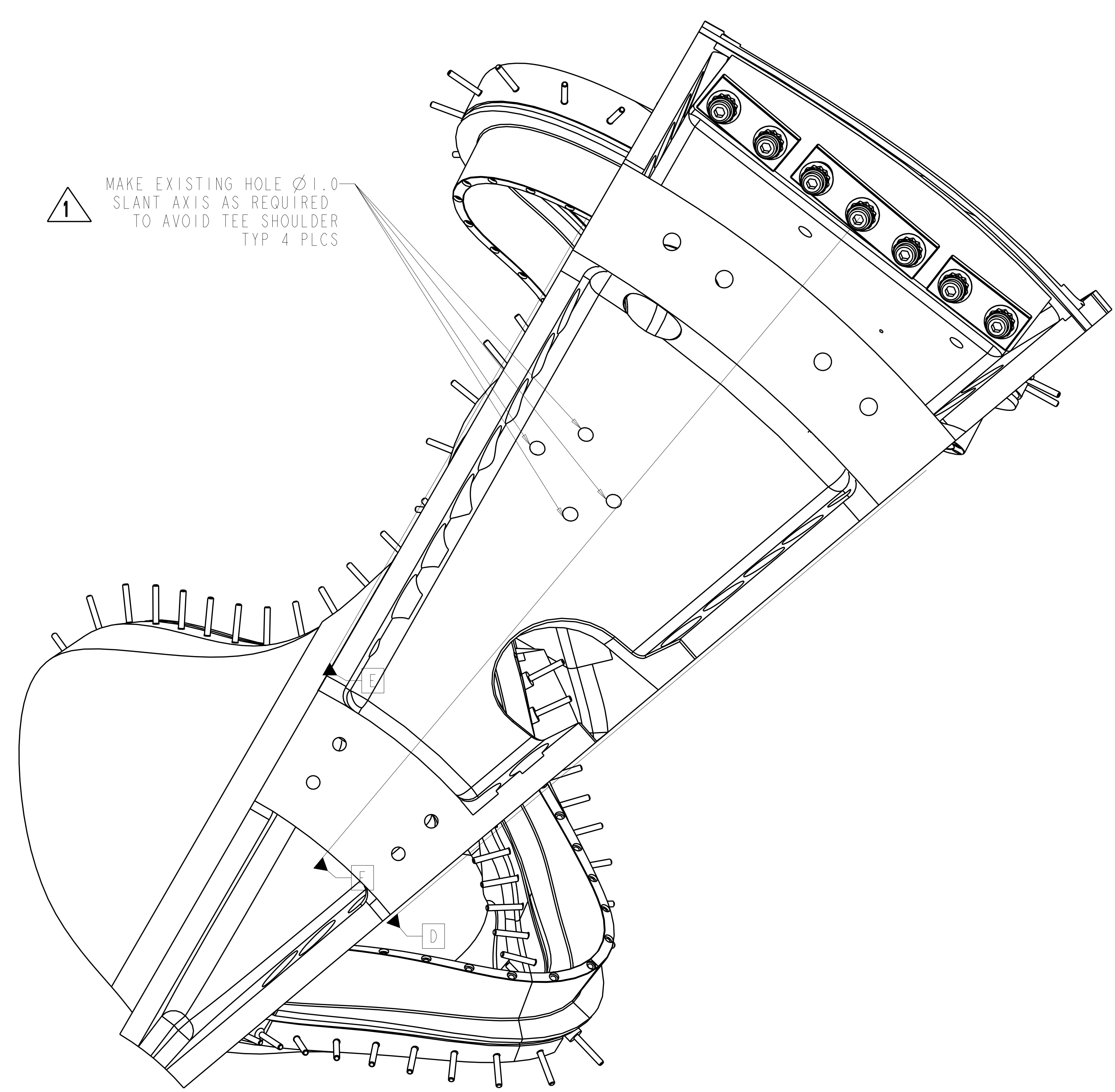
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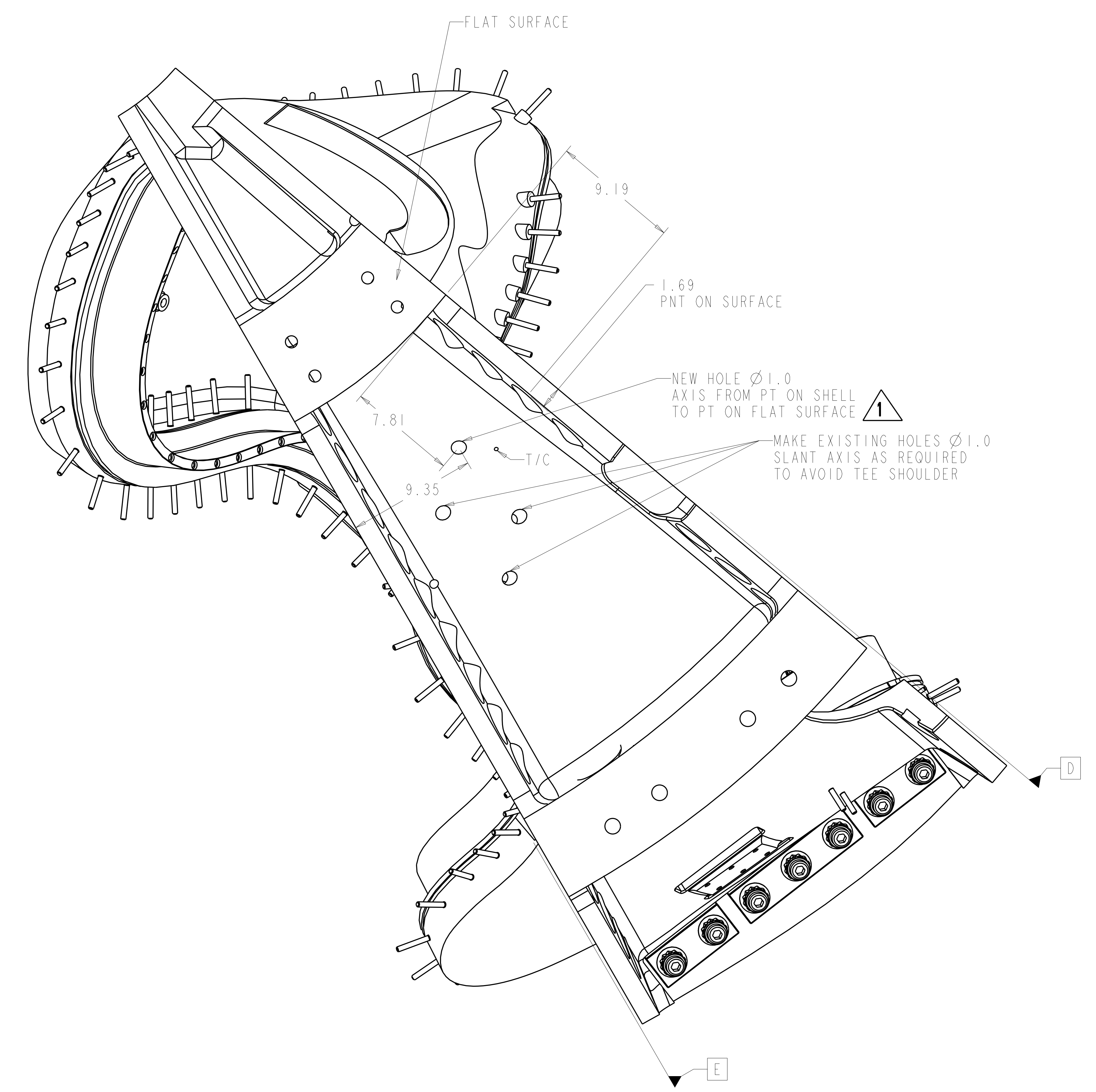
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UT-BATTELLE						
NATIONAL COMPACT STELLARATOR EXPERIMENT						
MODULAR COIL TYPE-C WINDING FORM AND STUD WELDMENT						
VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS
9	X-10	5700	3	3	4	S U
RELEASE LEVEL		REV				
Fabrication		SEI41-123				

SEI41-123



TOP VIEW

SCALE 0.25



BOTTOM VIEW

SCALE 0.25

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9	X-10	5700	3	4	4	S	U
RELEASE LEVEL		SEI41-123					
Fabrication							

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