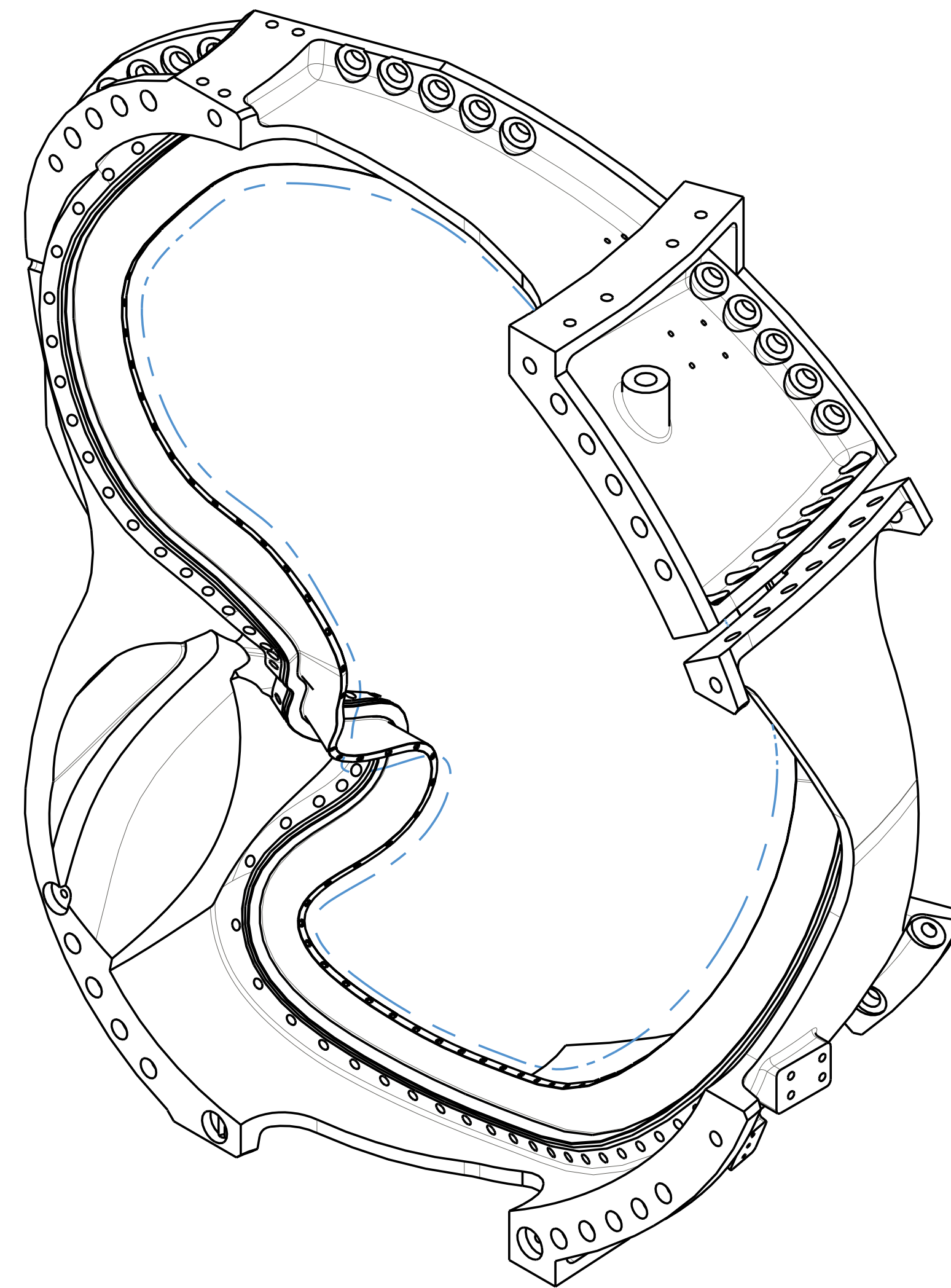
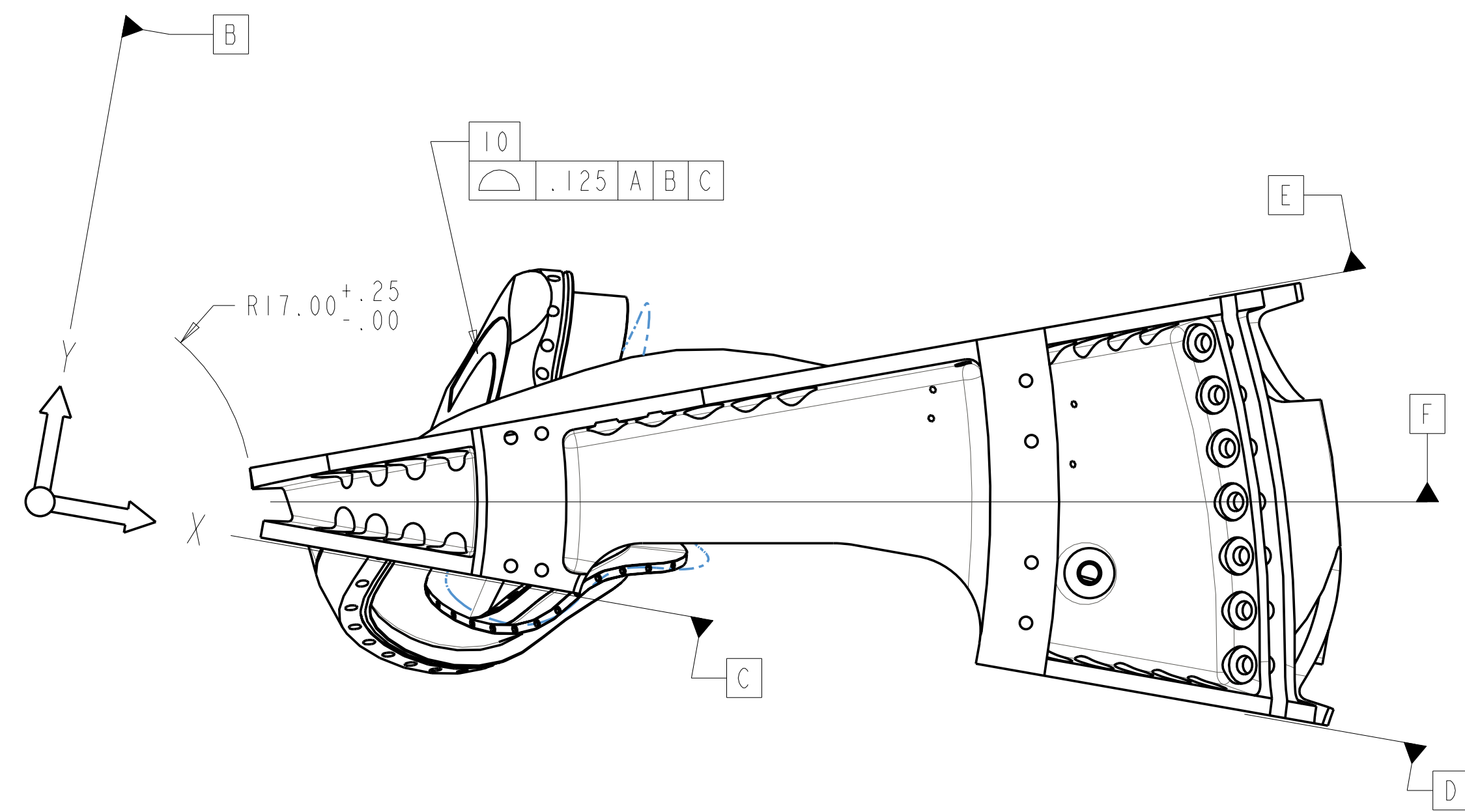
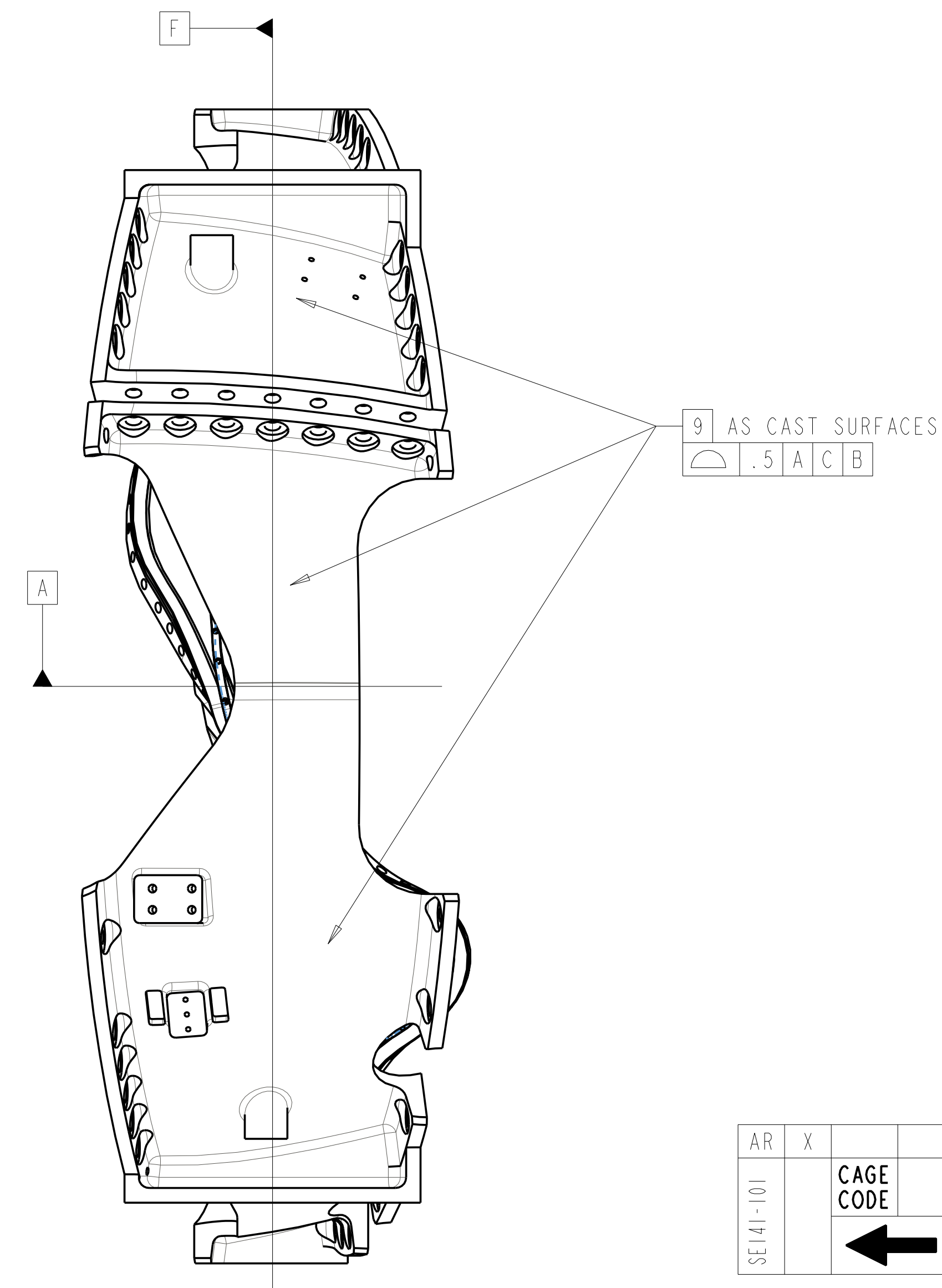
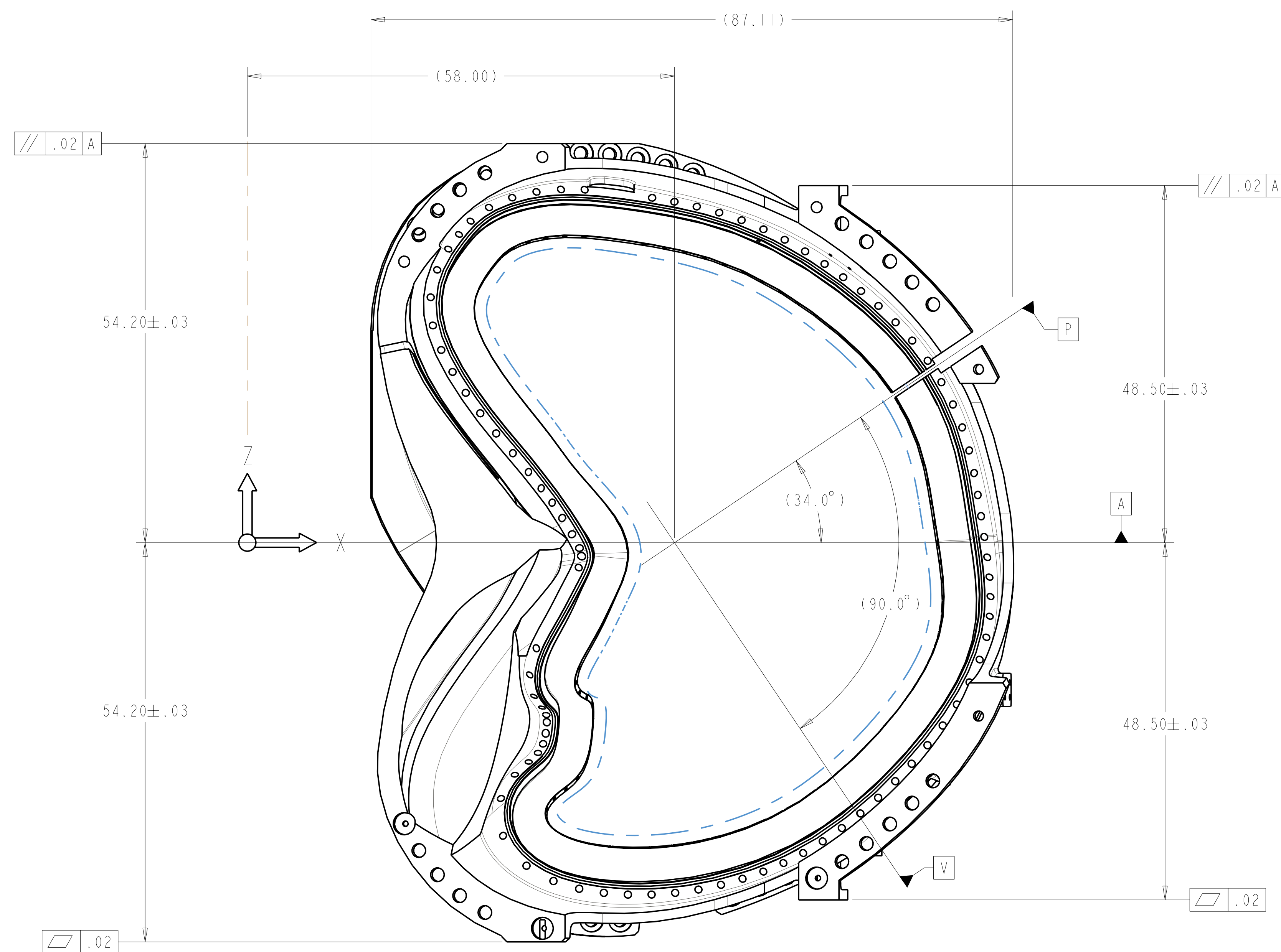



NOTES:

1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.8M-1996.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1994.
3. DIMENSIONS ARE IN INCHES
4. DRAWING DEPICTS FINAL MACHINED STATE OF PART
DEFINED BY PRO/ENGINEER FILE SE141-114.PRT.
5. 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)
6. DIMENSIONS APPLY AT ROOM TEMPERATURE. OPERATING TEMP 80 K
7. DIMENSIONS AND TOLERANCES EXCLUDE PROCESS MATERIAL
ALLOWANCES WHICH MAY ADD MASS.
8. APPROXIMATE MASS = 4818.732 LBS
MASS OF FINISHED PART NOT TO EXCEED 6000 lbs.
9. UNLESS OTHERWISE SPECIFIED, AS-CAST SURFACE PROFILE
TOLERANCE = ± 0.025 INCH, WITH EXEMPTION FOR INTERSECTING SURFACES
WHERE FILLETS ARE EXPECTED. MIN FILLET AND CORNER RADII = 0.05 ± 0.01 IN.
10. DESIGNATED SURFACE REGIONS HAVE PROFILE TOLERANCE = ± 0.0125 IN.
11. MIN THICKNESS PER CAD GEOMETRY, TOLERANCE = $+0.025$ IN / -0.0 IN.
12. PARTING LINE EDGES, FLASH, GATES, RUNNER, AND RISER EXTENSIONS 0.025 IN MAX
13. UNLESS OTHERWISE SPECIFIED, MACHINED SURFACE PROFILE TOLERANCE = ± 0.01 IN.
14. BACK SPOTFACE ALL THRU HOLES MINIMUM TO CLEAN UP.
15. SEE SPECIFICATION, NCSX-CSPEC-141-03-00, FOR ADDITIONAL REQUIREMENTS.

ISOMETRIC VIEW

9	AS CAST SURFACES			
	.5	A	C	B

AR X SE 41-101		SE 14-114	MODULAR COIL TYPE-A WINDING FORM	STAINLESS STEEL	SEE NOTE #15	1
	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIN NO
	 NEXT ASSEMBLY			PARTS LIST		

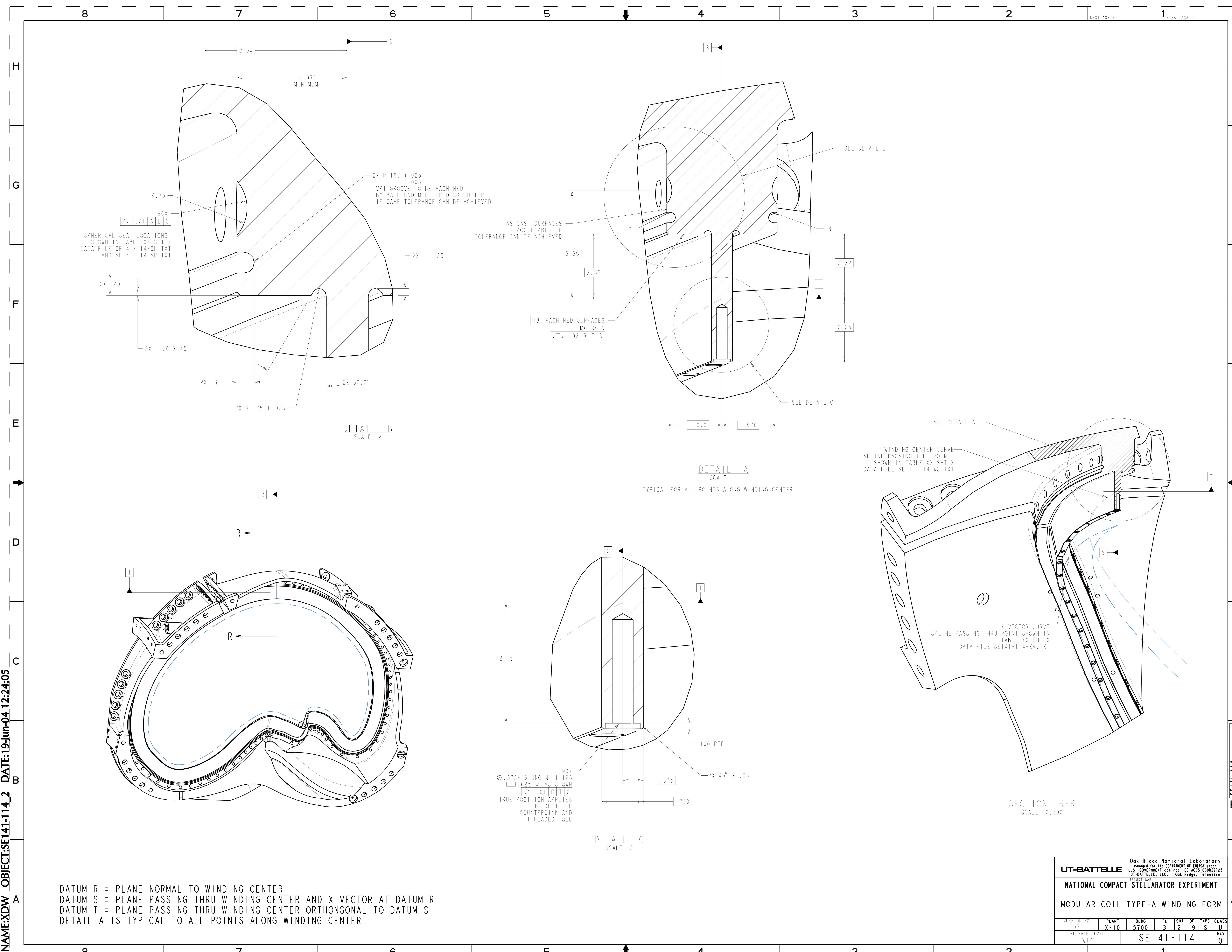
APPROXIMATE WEIGHT = 4819 LBS

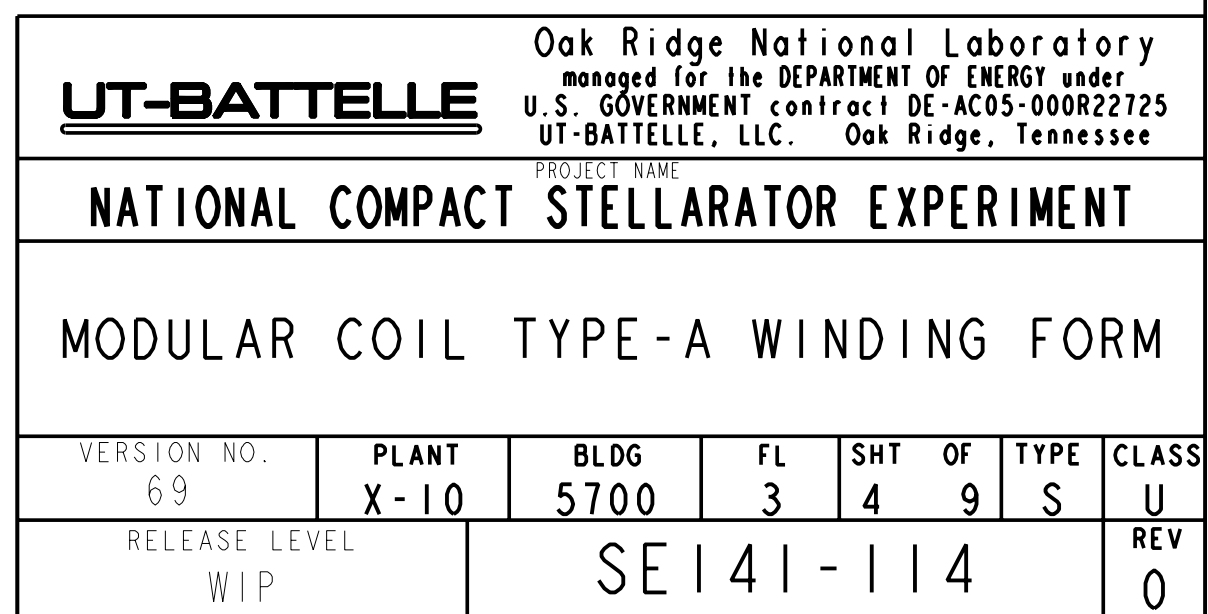
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P THIS DRAWING PRODUCED
ON PRO-ENGINEER

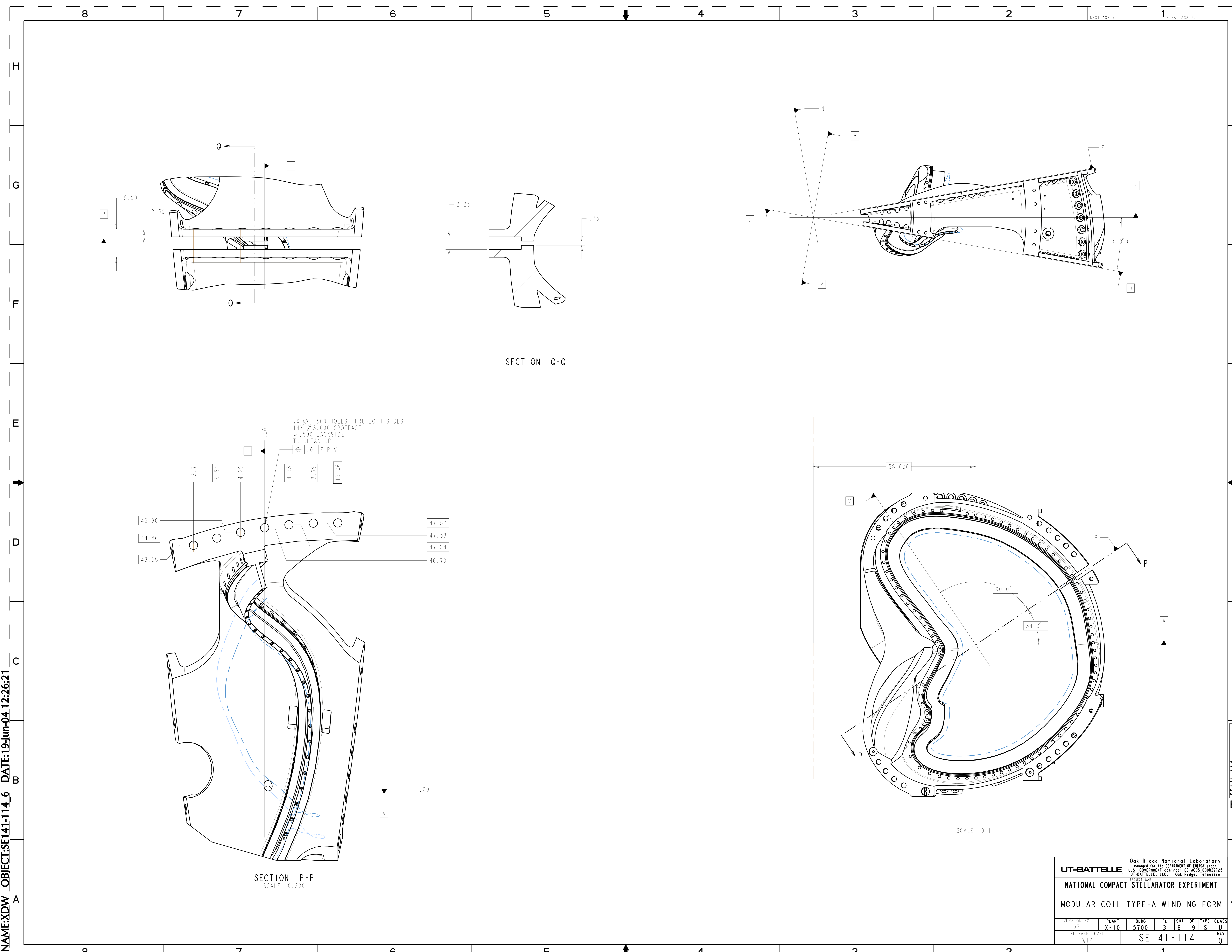
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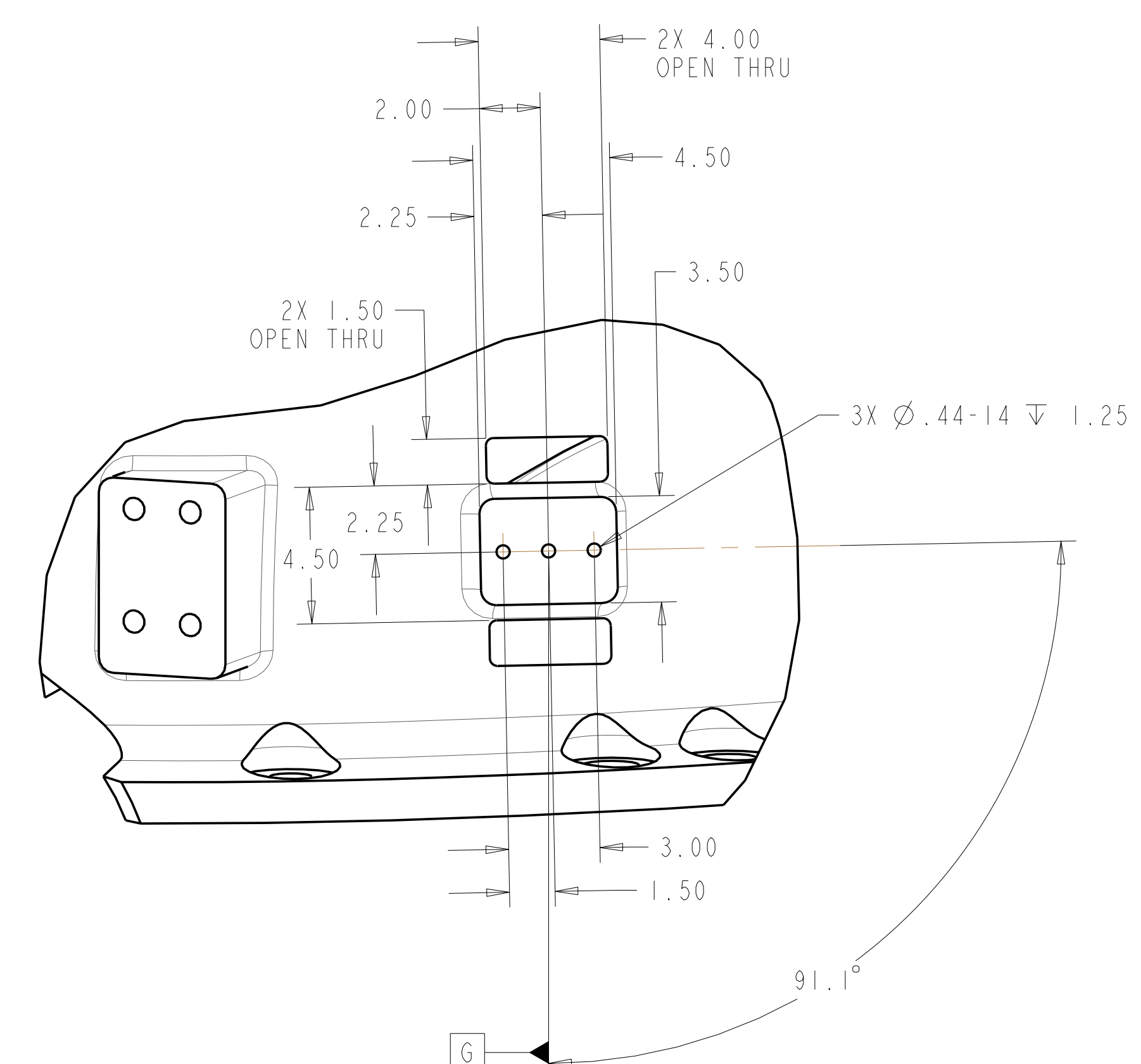


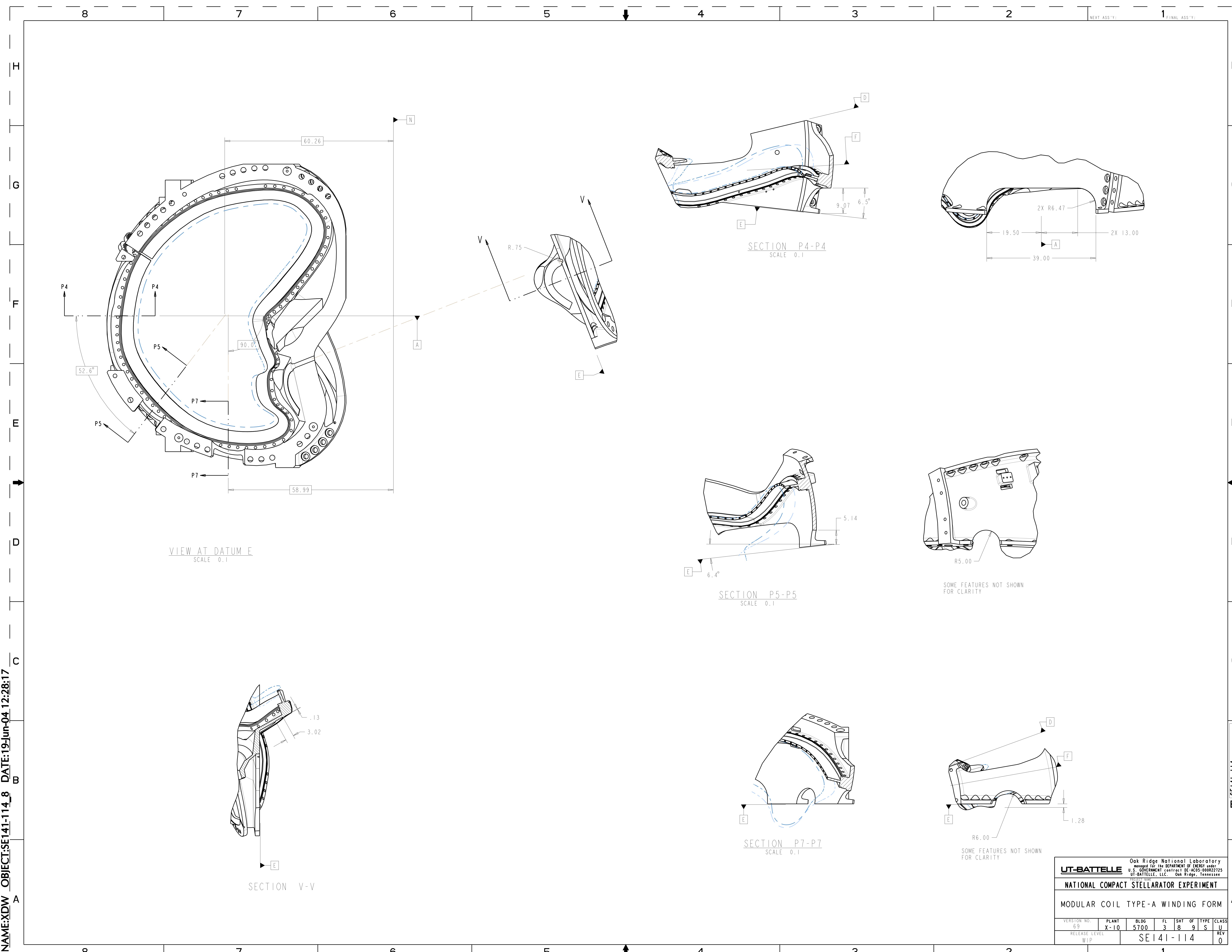
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		PROJECT NUMBER 5700					
NATIONAL COMPACT STELLARATOR EXPERIMENT							
MODULAR COIL TYPE-A WINDING FORM							
VERSION NO. 69	PLANT X-10	BLDG 5700	FL 3	SHT 5	OF 9	TYPE S	CLASS REV
RELEASE LEVEL WIP		SEI41-114					



NAME:XDW OBJECT:SE141-114_6 DATE:19Jun-04 12:26:21

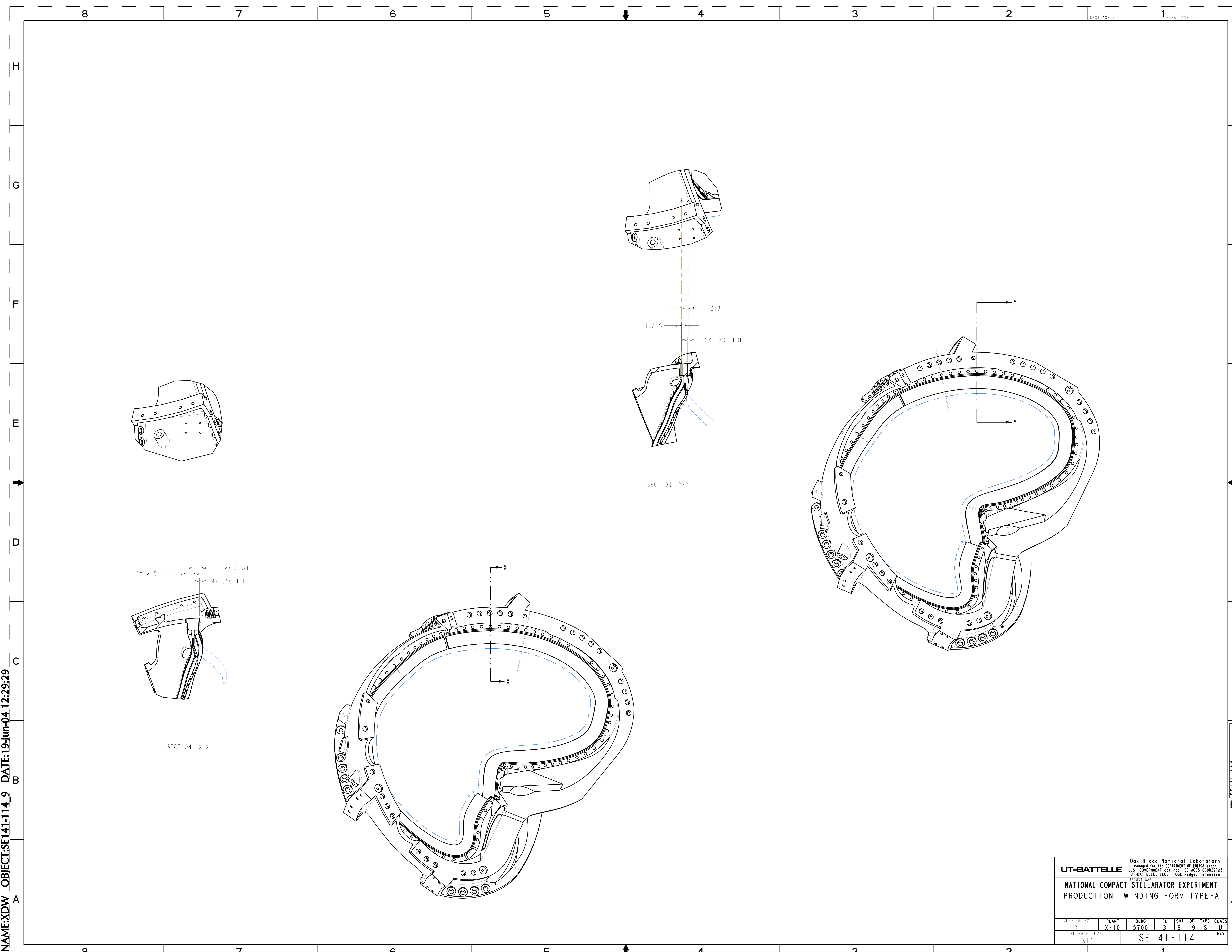
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PROJECT NAME							
NATIONAL COMPACT STELLARATOR EXPERIMENT							
MODULAR COIL TYPE-A WINDING FORM							
VERSION NO.	PLANT	BLOG	FL	SHT	OF	TYPE	CLASS
69	X-10	5700	3	6	9	S	U
RELEASE LEVEL						REV	
WIP						0	





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<div><div>UT-BATTELLE</div><div>Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC Oak Ridge, Tennessee</div></div>							
PROJECT NAME							
NATIONAL COMPACT STELLARATOR EXPERIMENT							
MODULAR COIL TYPE-A WINDING FORM							
VERSION NO. 69	PLANT X-10	BLOG 5700	FL 3	SHT OF 8	TYPE 9 S	CLASS U	REV 0
RELEASE LEVEL WIP		SE141-114					



NAME: XDW OBJECT: SE141-114.9 DATE: 19Jun-04 12:29:29

<div><div>UT-BATTELLE</div><div>Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC Oak Ridge, Tennessee</div></div>							
PROJECT NAME							
NATIONAL COMPACT STELLARATOR EXPERIMENT							
PRODUCTION WINDING FORM TYPE-A							
VERSION NO.	PLANT	BLOG	FL	SHT	OF	TYPE	CLASS
9	X-10	5700	3	9	9	S	U
RELEASE LEVEL		REV					
WIP		SE141-114					