

8

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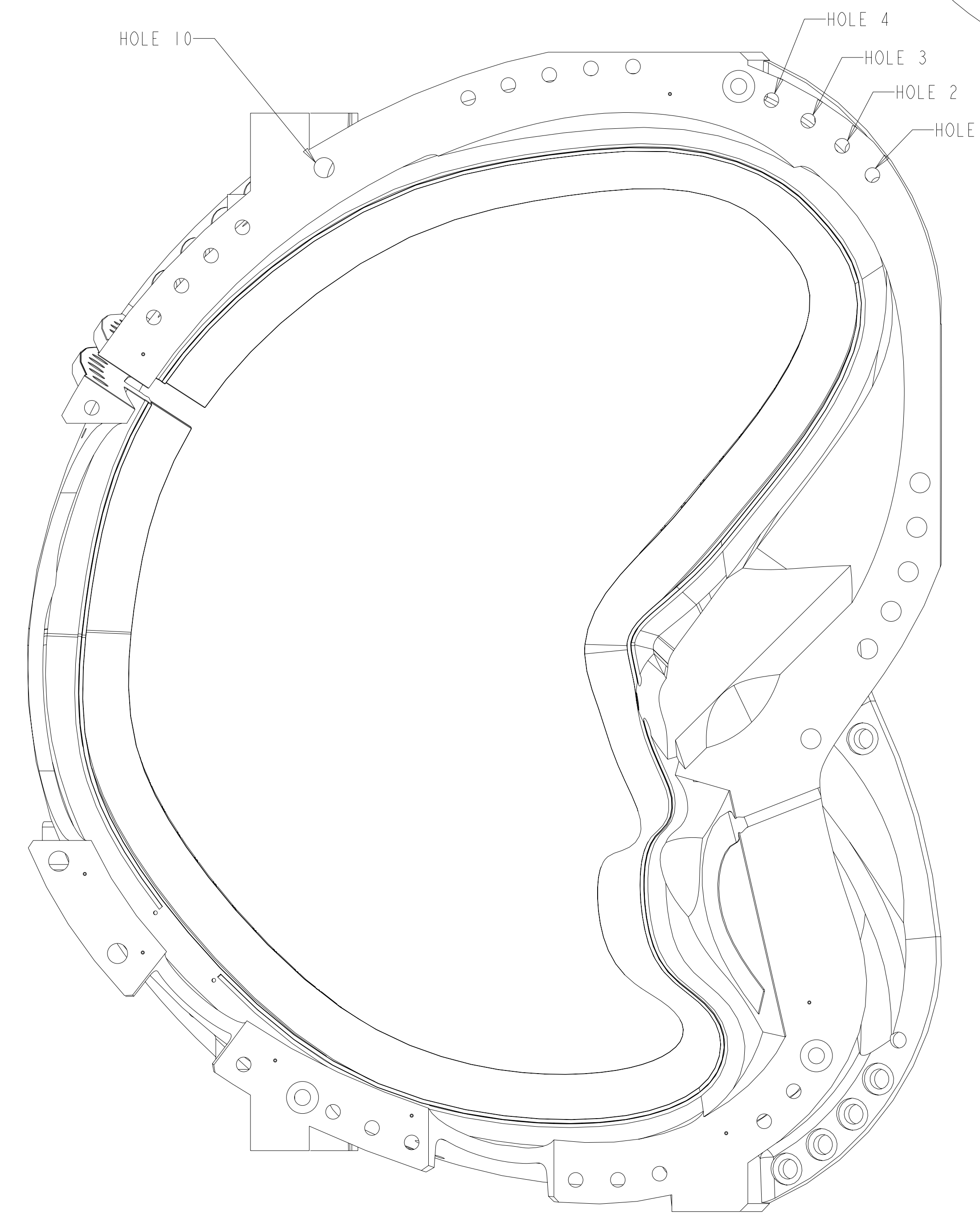
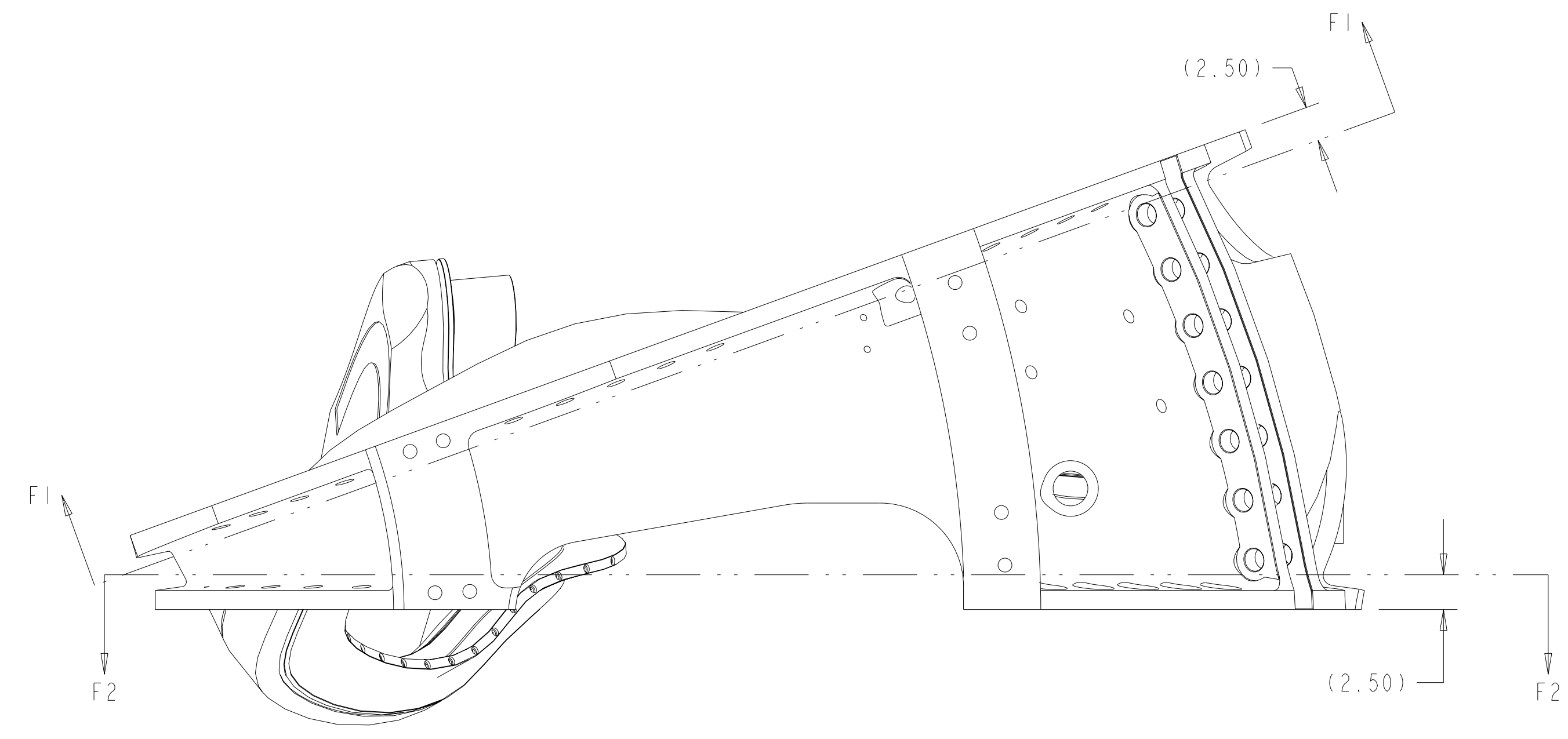
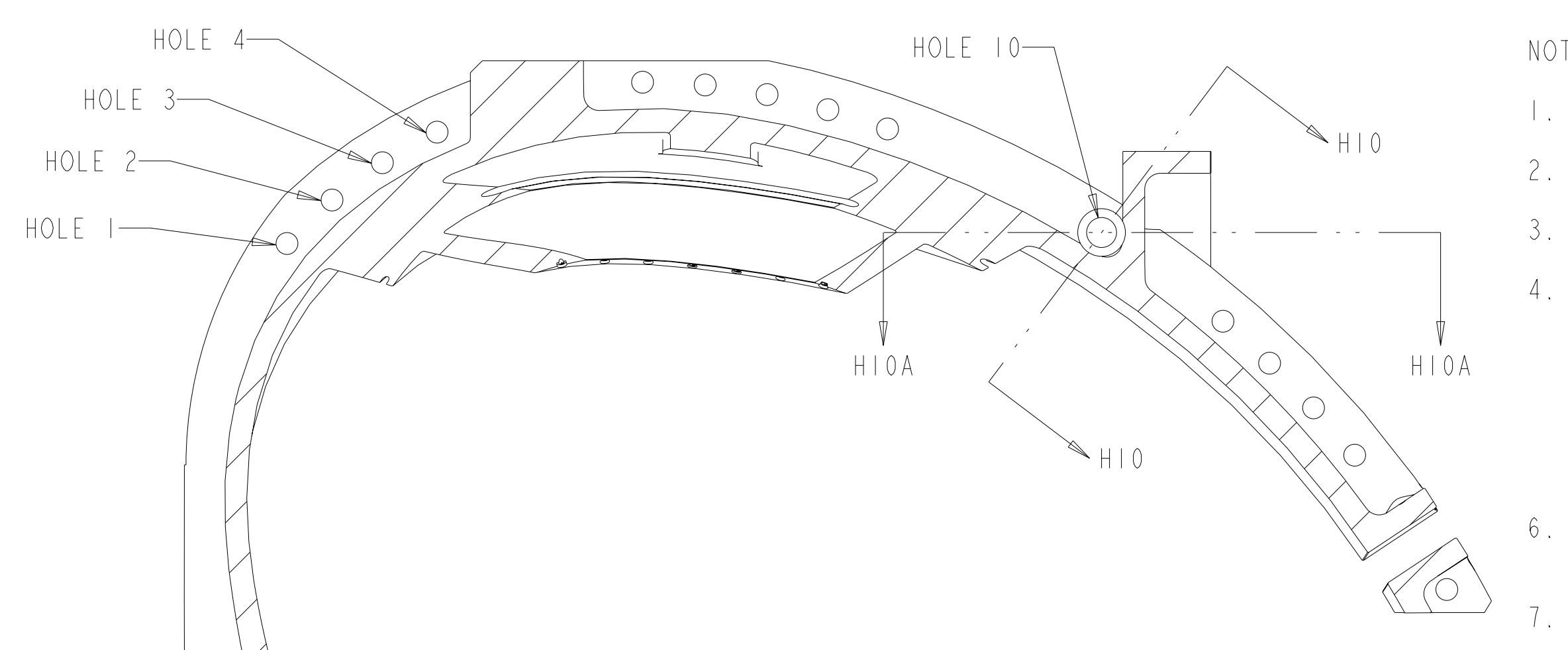
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NEXT ASS'Y: FINAL ASS'Y:

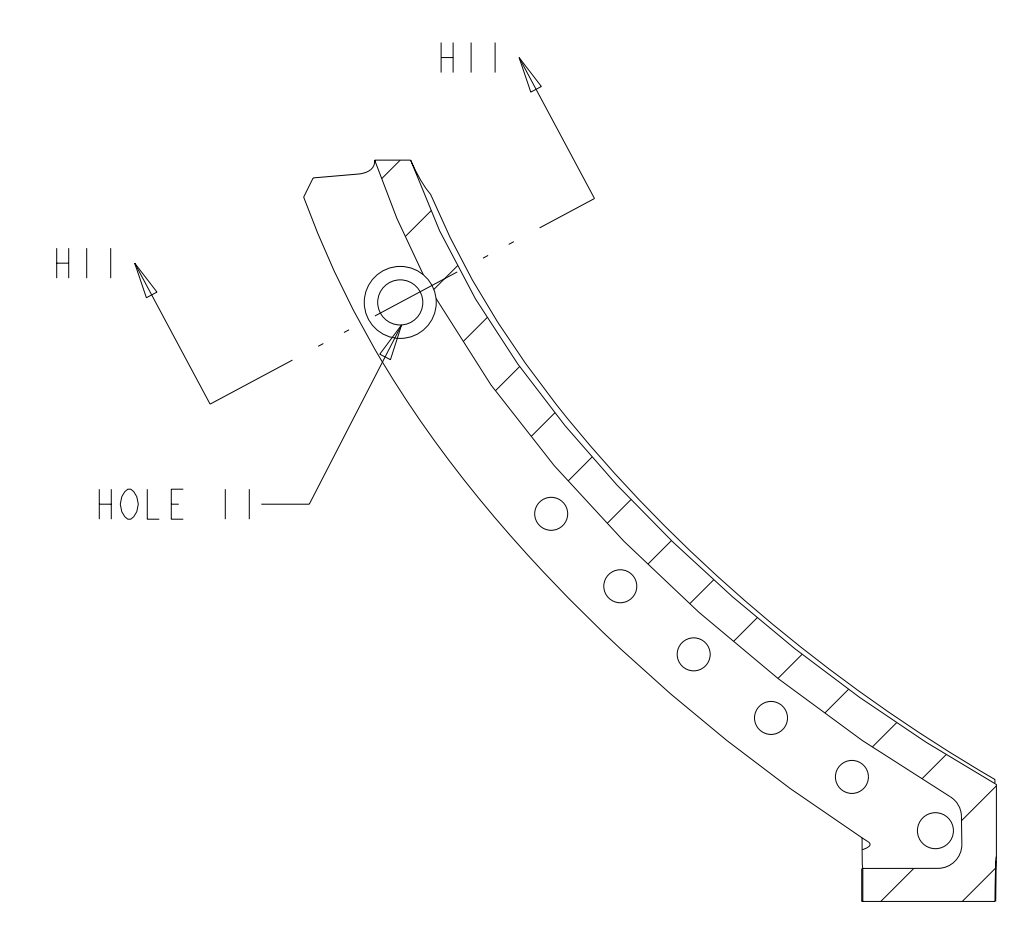
- NOTES
1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2004.
 2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
 3. DIMENSIONS ARE IN INCHES
 4. MINIMIZE MATERIAL REMOVAL FOR ALL HOLE LOCATIONS SHOWN TO PROVIDE CLEARANCE FOR SUPERNUT. CLEARANCE IS DEFINED AS PLACING A $\varnothing 3.00"$ X 3.25" LONG CYLINDER AT EACH $\varnothing 3.00"$ SPOT FACE. THE CYLINDER SHALL NOT INTERFERE WITH THE WINDING FORM.
 6. THIS DRAWING MODIFIES THE EXISTING TYPE "A" WINDING FORM AS DEFINED IN DRAWING SE141-114.DRW.
 7. GRIND SHELL AS REQUIRED TO ALLOW INSTALLATION OF THE HEX NUT AND/OR SUPERNUT (SEE DRAWING SE140-190). ENGINEERING APPROVAL REQUIRED IF SHELL THICKNESS IS LESS THAN 1" AS A RESULT OF GRINDING.



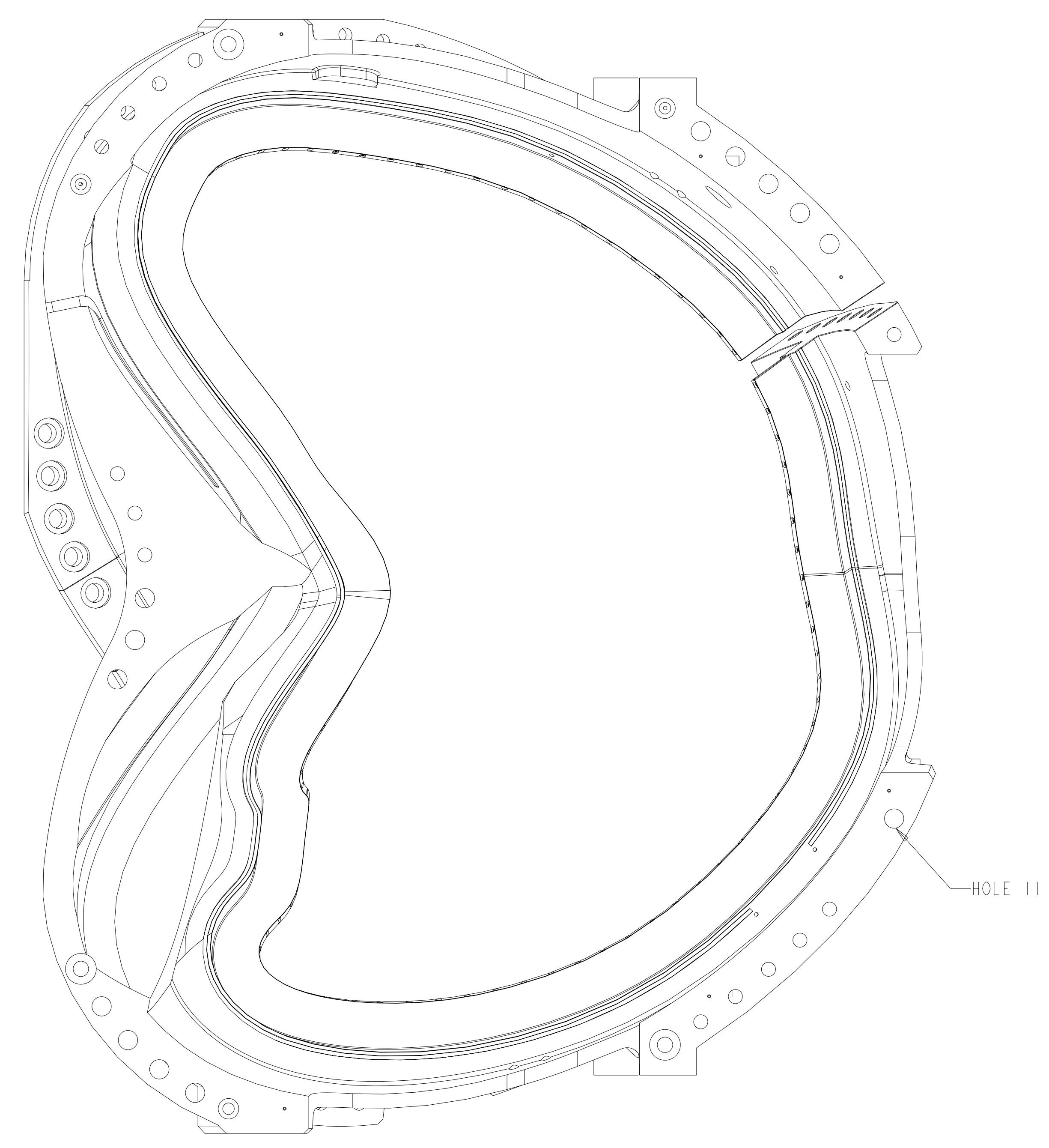
SECTION F1-F1
A-B FLANGE VIEW

A-B FLANGE VIEW
SCALE .125

**RELEASED FOR
FABRICATION / INSTALLATION**
PPPL Drafting:



SECTION F2-F2
A-A FLANGE VIEW



A-A FLANGE VIEW
SCALE .125

HOLE NUMBER IDENTIFICATION IS DEFINED
IN DRAWING SE141-114.DRW

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P THIS DRAWING PRODUCED
ON PRO-ENGINEER

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
1	REVISED PER ECN 5273	RLM	7/07	MJC								
0	DELETED NOTE 5, ADDED NOTE 7											
0	ORIGINAL ISSUE	GM	06/07									

SCALE	NOTED	DES	DATE
TOLERANCES UNLESS OTHERWISE SPECIFIED		D WILLIAMSON	06/07
FRACTIONS		G MCGINNIS	06/07
XX DECIMALS	±.01	M COLE	06/07
XXX DECIMALS	±.005		
ANGLES	±0'15"		
BREAK SHARP EDGES	06 MAX		
FINISH	.125 UNLESS OTHERWISE SPECIFIED		

DES	DATE	DRW	DATE	CHK	DATE	SECT	DEPT	PPPL	DRFT	DATE	VERSION NO.	PLANT	BLDG	FL	SHT	OF	TYPE	CLASS
D WILLIAMSON	06/07	G MCGINNIS	06/07	M COLE	06/07			J SIEGEL	06/07		2	ORNL	5700	3	1	2	S	U
												SE141-114G						

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
TYPE "A" MODULAR COIL
SUPER NUT CLEARANCE

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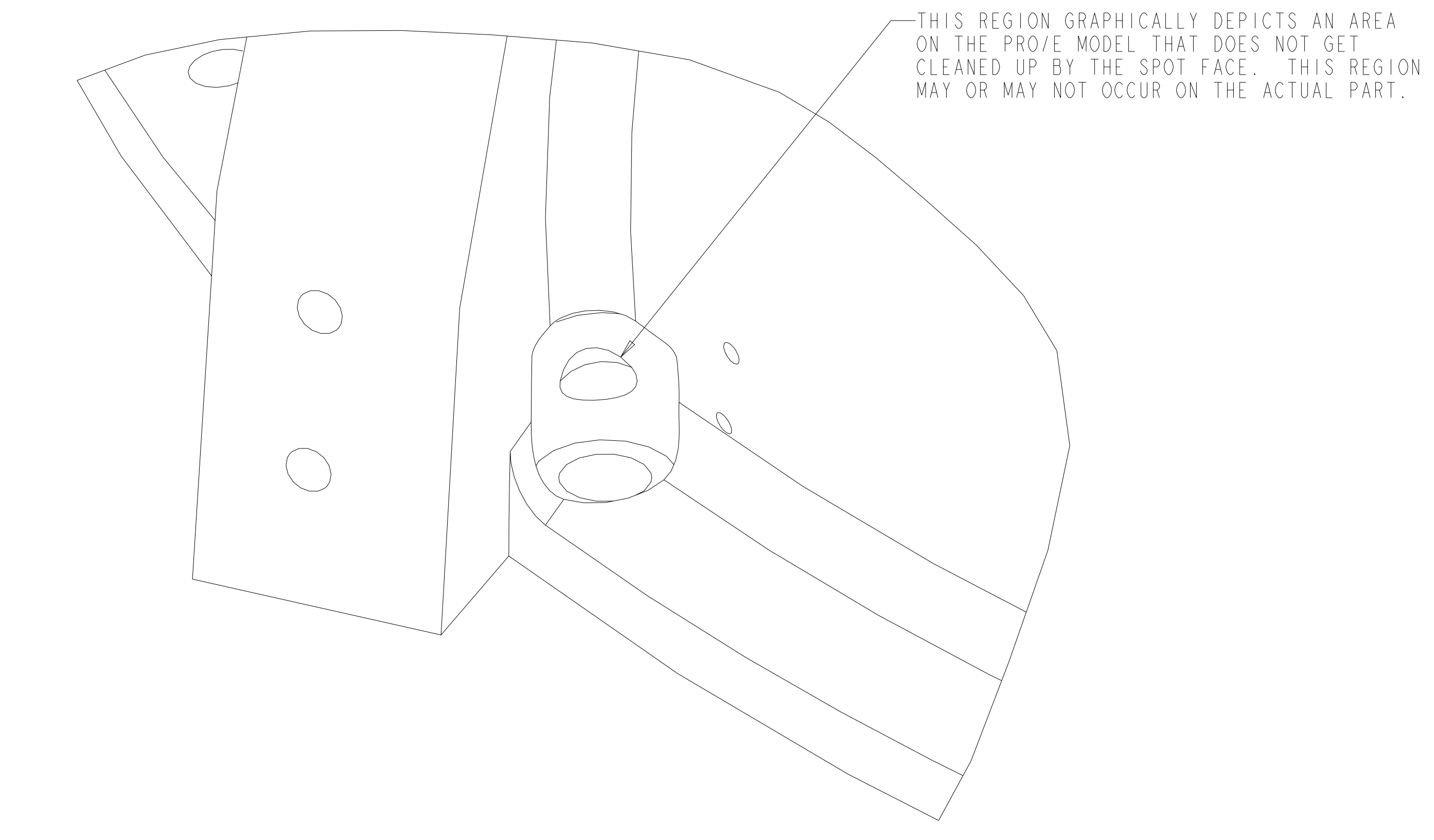
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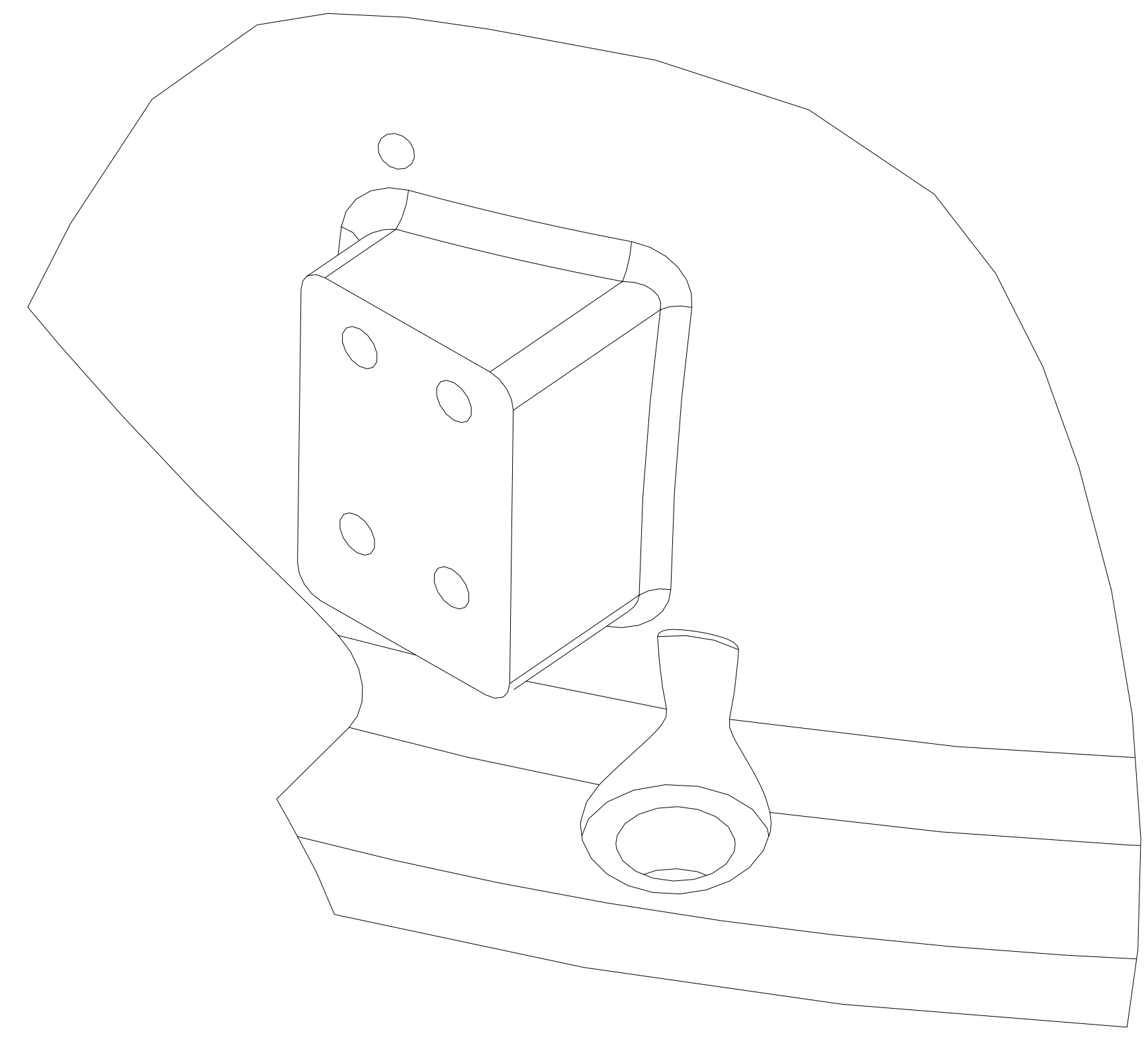
SE141-114G

A

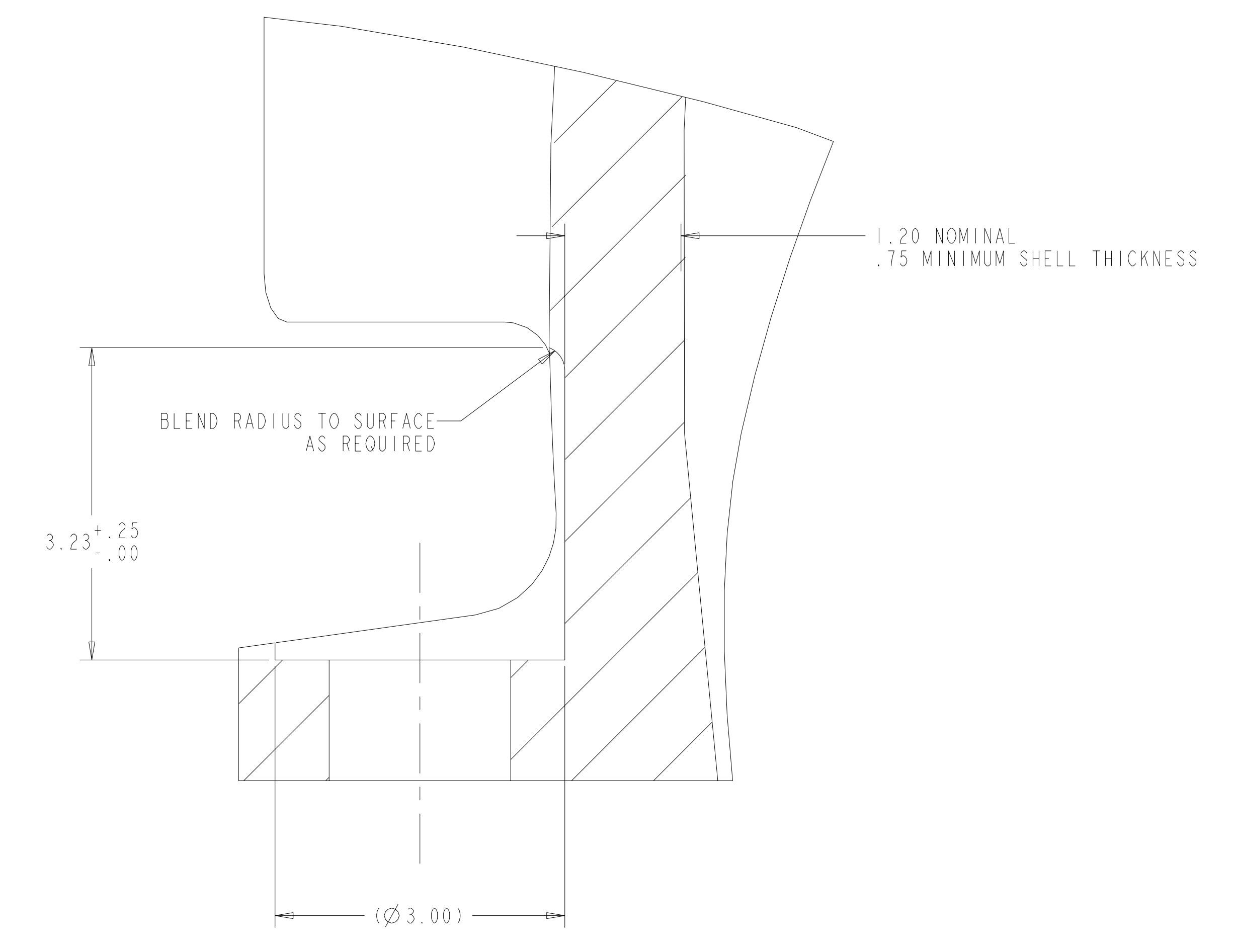


THIS REGION GRAPHICALLY DEPICTS AN AREA ON THE PRO/E MODEL THAT DOES NOT GET CLEANED UP BY THE SPOT FACE. THIS REGION MAY OR MAY NOT OCCUR ON THE ACTUAL PART.

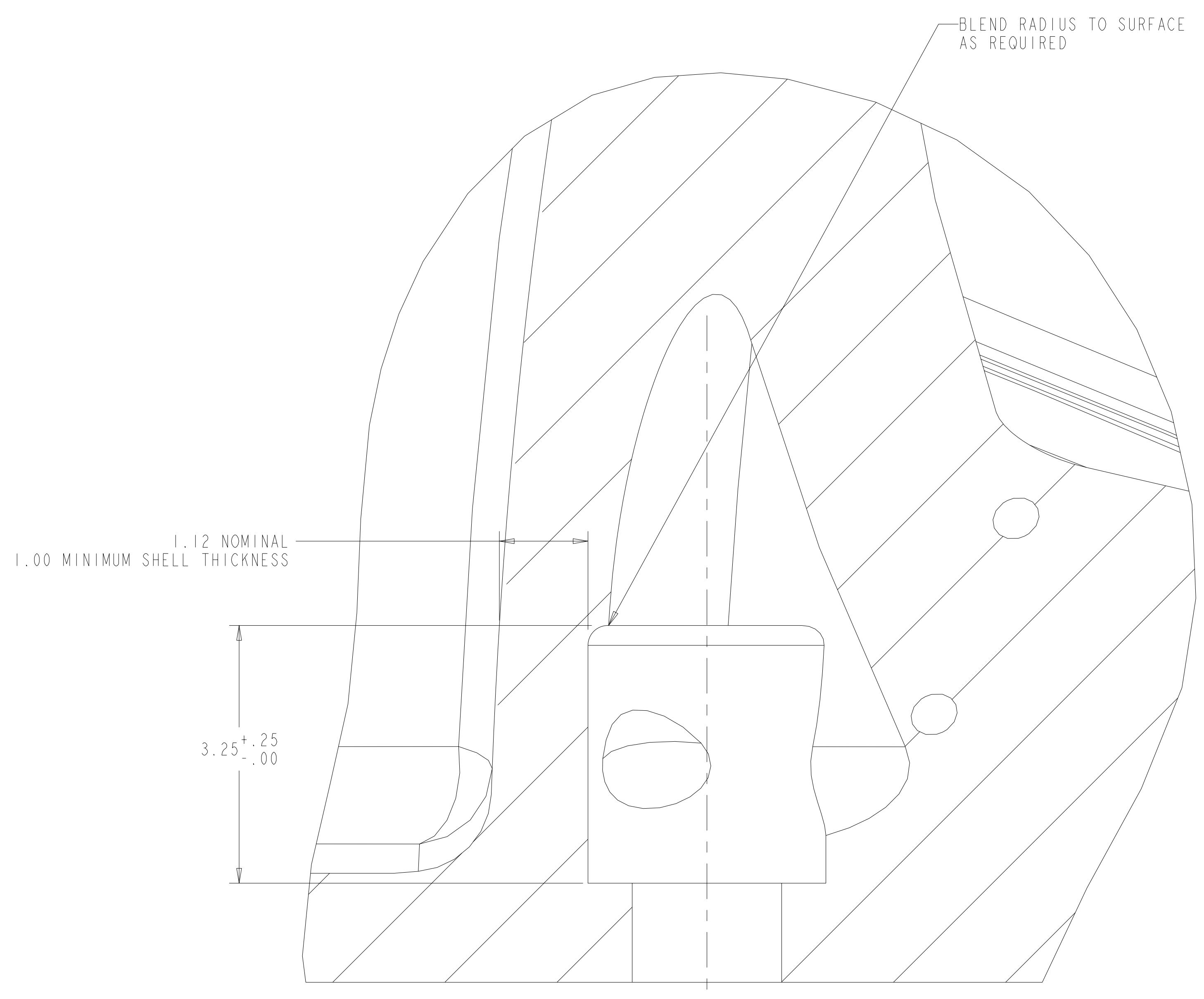
ISOMETRIC VIEW - HOLE 10
SCALE 0.500



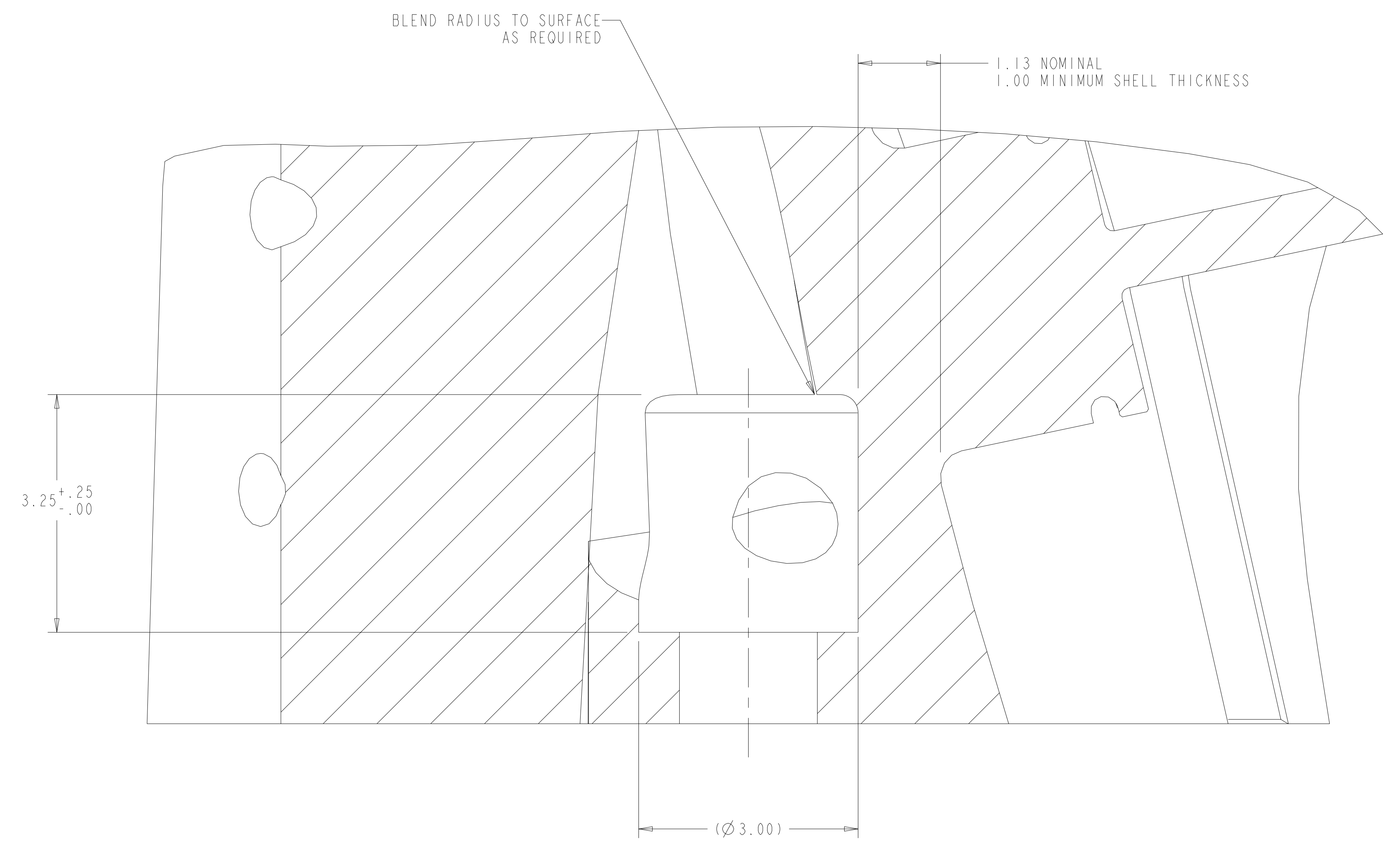
ISOMETRIC VIEW - HOLE 11
SCALE 0.500



SECTION H11-H11 AT HOLE 11
SCALE 1.000
SEE NOTE 4



SECTION H10A-H10A
SCALE 1.000
SEE NOTE 4



SECTION H10-H10 AT HOLE 10
SCALE 1.000
SEE NOTE 4

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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									
TYPE "A" MODULAR COIL SUPER NUT CLEARANCE									
VERSION NO.	PLANT	BLDG	FL	SHT	OF	TYPE	CLASS		
2	ORNL	5700	3	2	2	S	U		
RELEASE LEVEL		SE141-114G						REV	
Fabrication								0	