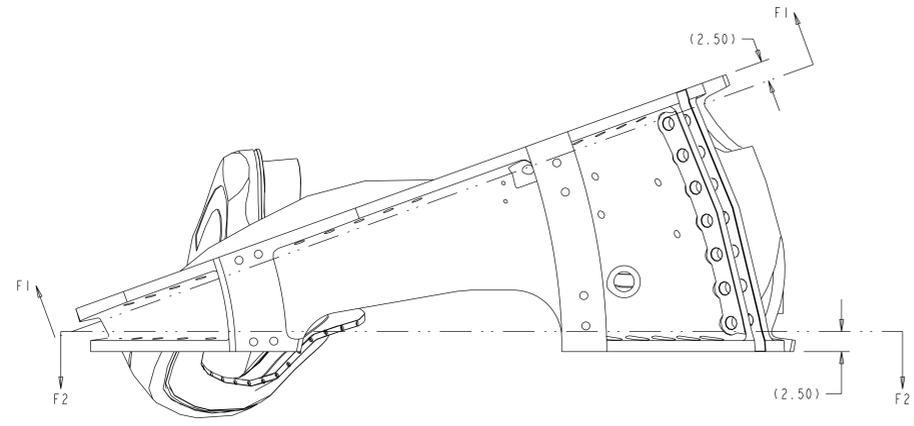
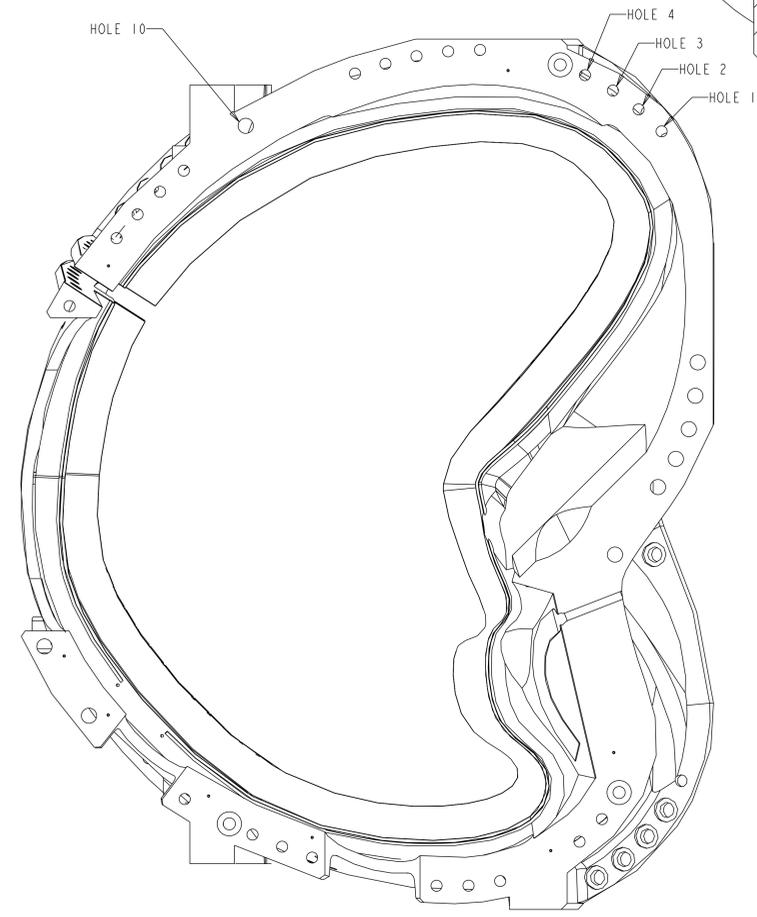


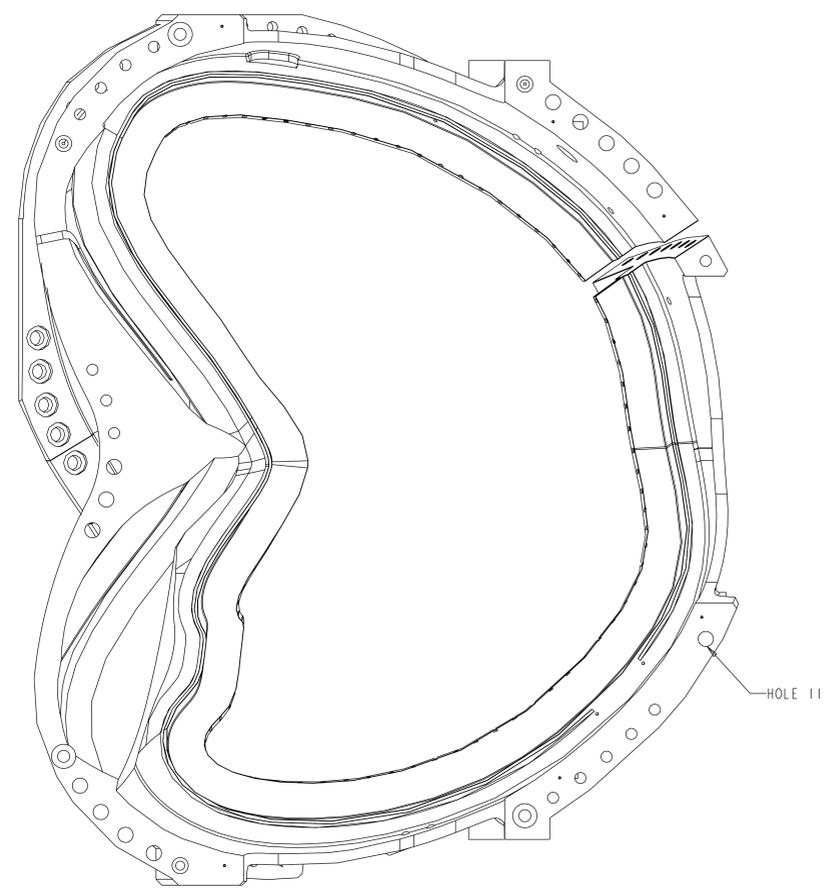
- NOTES
1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2004.
  2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
  3. DIMENSIONS ARE IN INCHES
  4. MINIMIZE MATERIAL REMOVAL FOR ALL HOLE LOCATIONS SHOWN TO PROVIDE CLEARANCE FOR SUPERNUT. CLEARANCE IS DEFINED AS PLACING A  $\varnothing 3.00$ " 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.



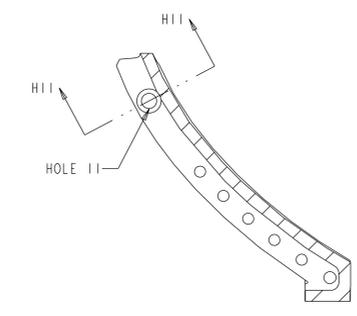
**FOR COMMENT**



SECTION F1-F1  
A-B FLANGE VIEW



A-A FLANGE VIEW  
SCALE .125



SECTION F2-F2  
A-A FLANGE VIEW

A-B FLANGE VIEW  
SCALE .125

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

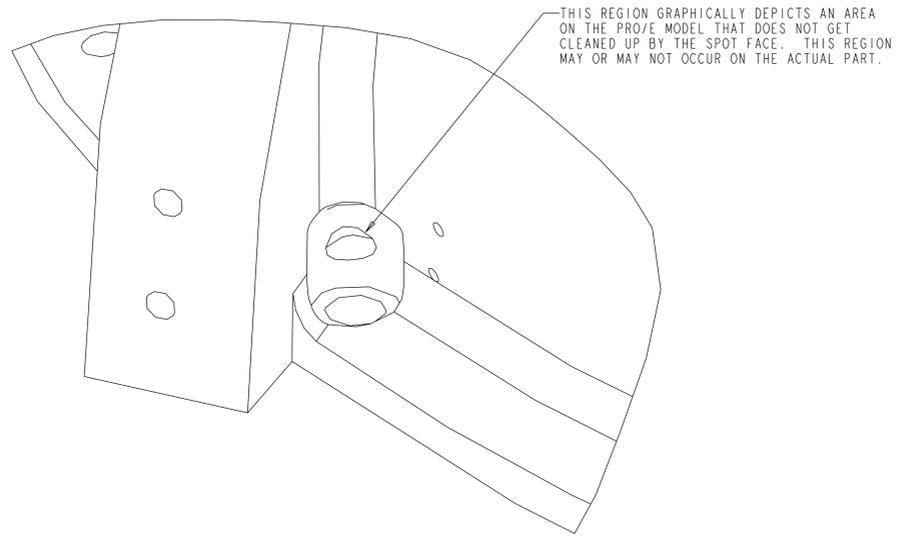
NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE 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

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									

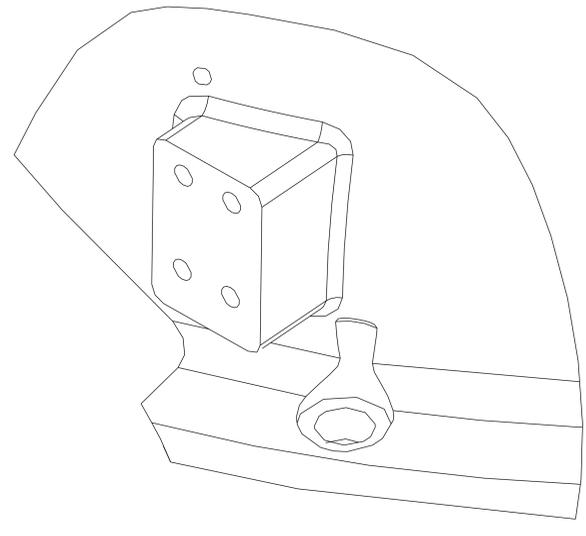
SCALE NOTED		DES	DATE
TOLERANCES UNLESS OTHERWISE SPECIFIED		D WILLIAMSON	06/07
FRACTIONS		G MCGINNIS	06/07
XX DECIMALS	±.01	M COLE	06/07
XXX DECIMALS	±.005		
ANGLES	±0°15'		
BREAK SHARP EDGES	OR MAX		
FINISH	.125 UNLESS OTHERWISE SPECIFIED		

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	
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 1 2 S U
RELEASE LEVEL		SE141-114G	
DRAWING APPROVALS		DATE	
WIP			

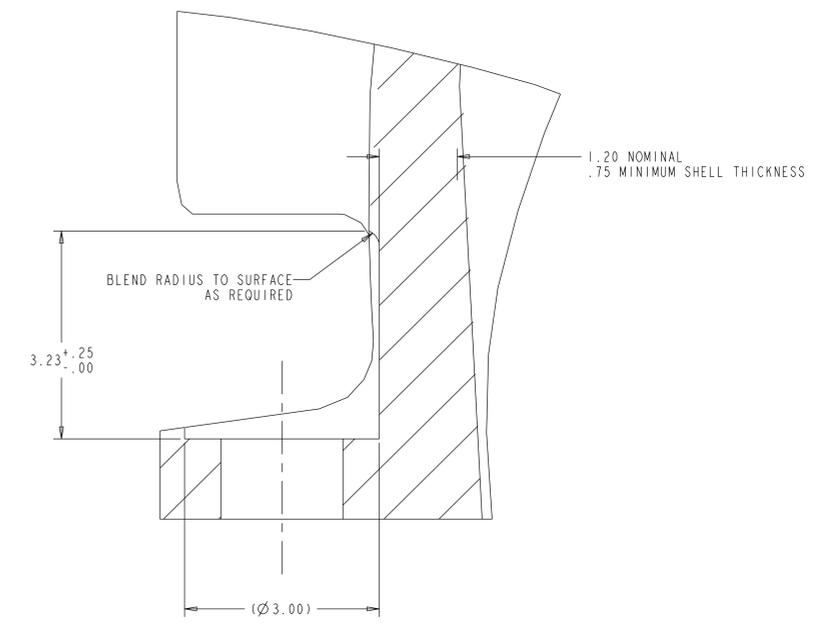


THIS REGION GRAPHICALLY DEPICTS AN AREA ON THE PRO/E MODEL THAT DOES NOT GET CLEANED UP BY THE SPOT FACE. THIS REGION MAY OR MAY NOT OCCUR ON THE ACTUAL PART.

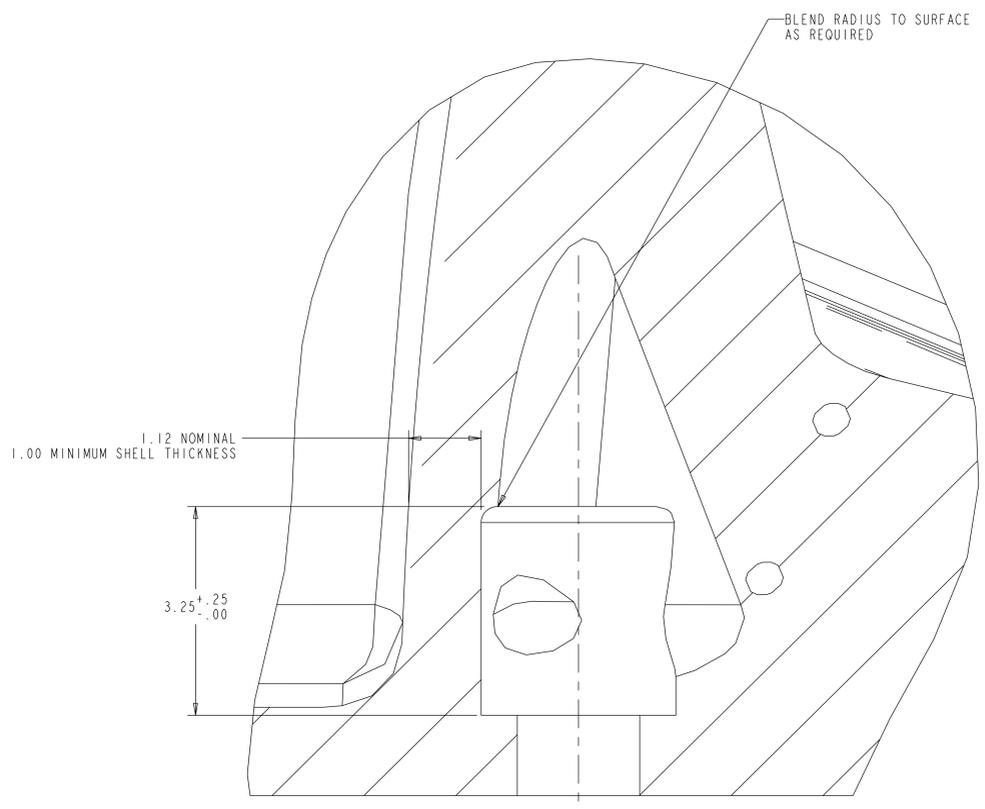
**ISOMETRIC VIEW - HOLE 10**  
SCALE 0.500



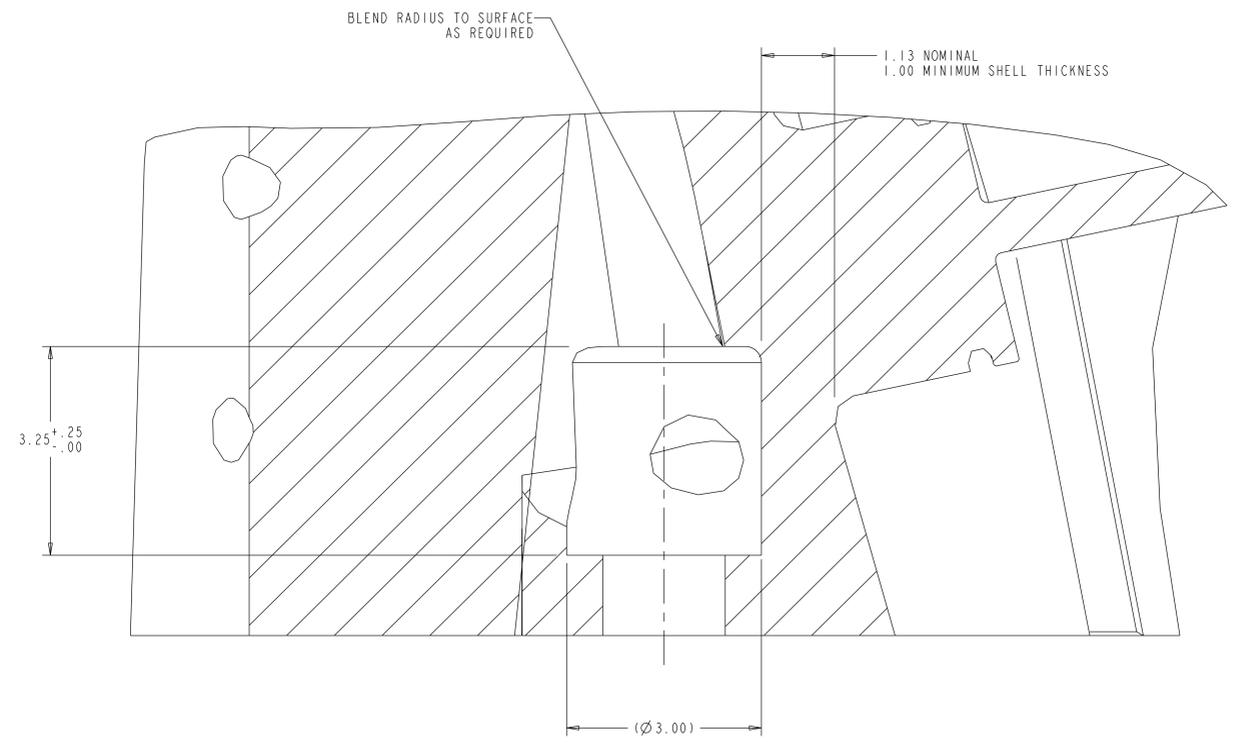
**ISOMETRIC VIEW - HOLE 11**  
SCALE 0.500



**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

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										
<b>UT-BATTELLE</b> <b>NATIONAL COMPACT STELLARATOR EXPERIMENT</b>										
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		
WIP								0		