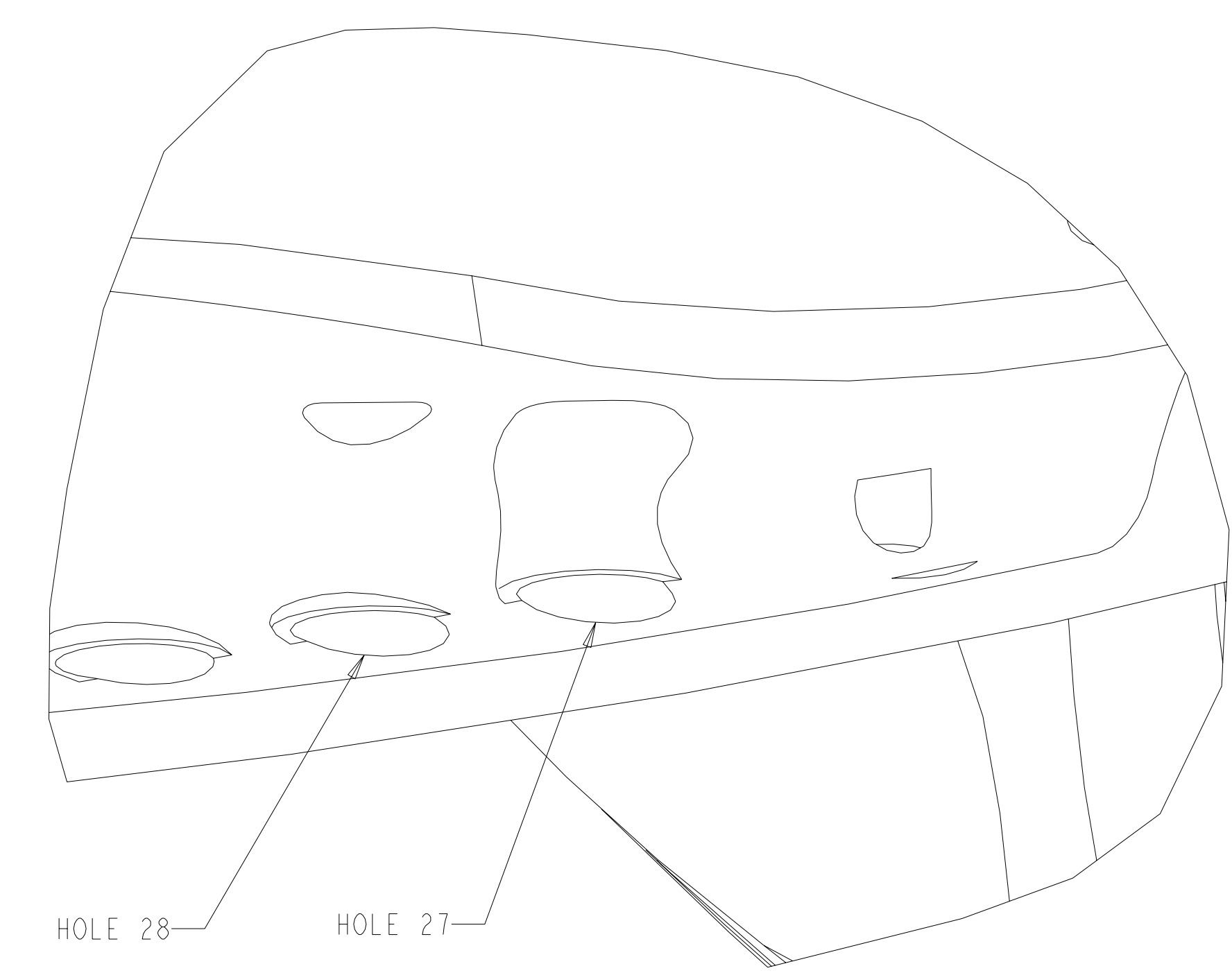
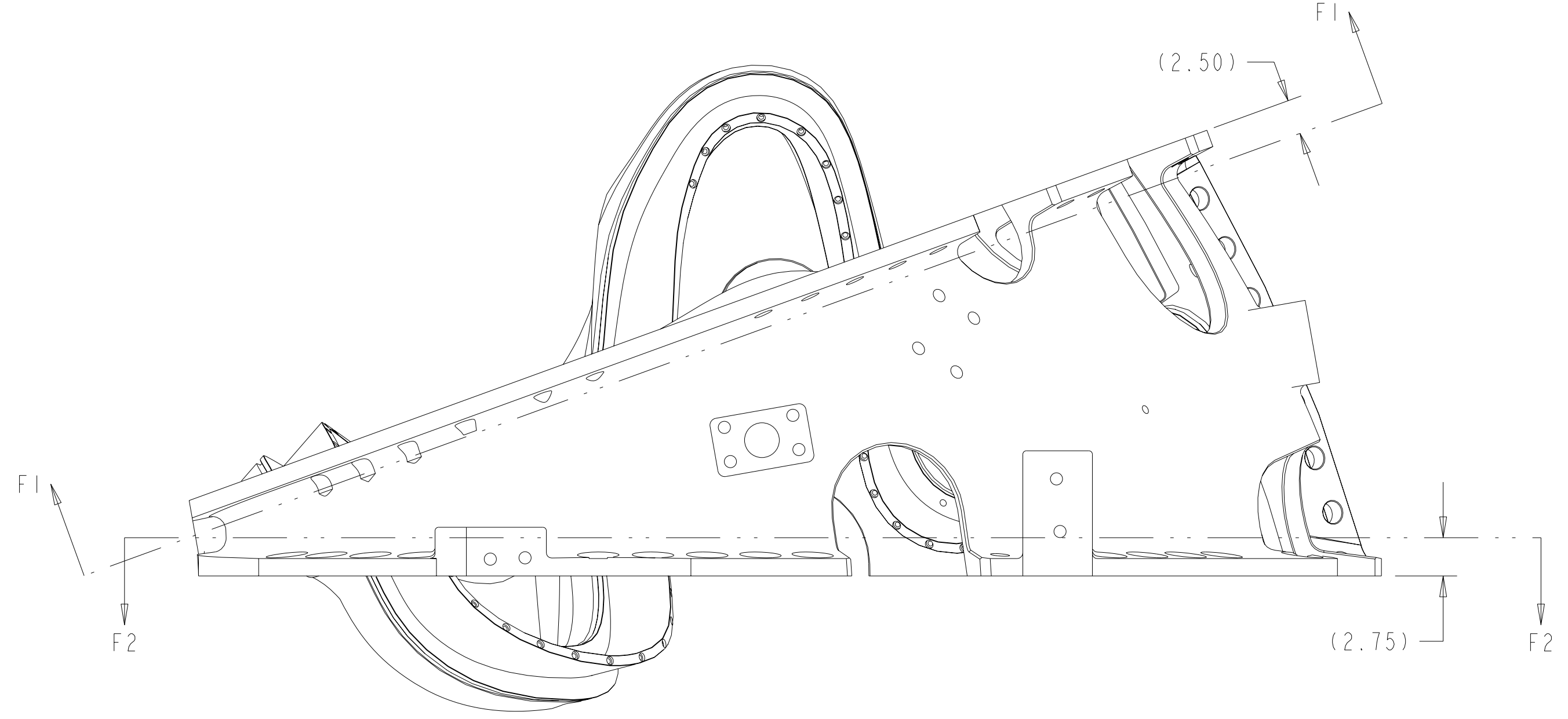
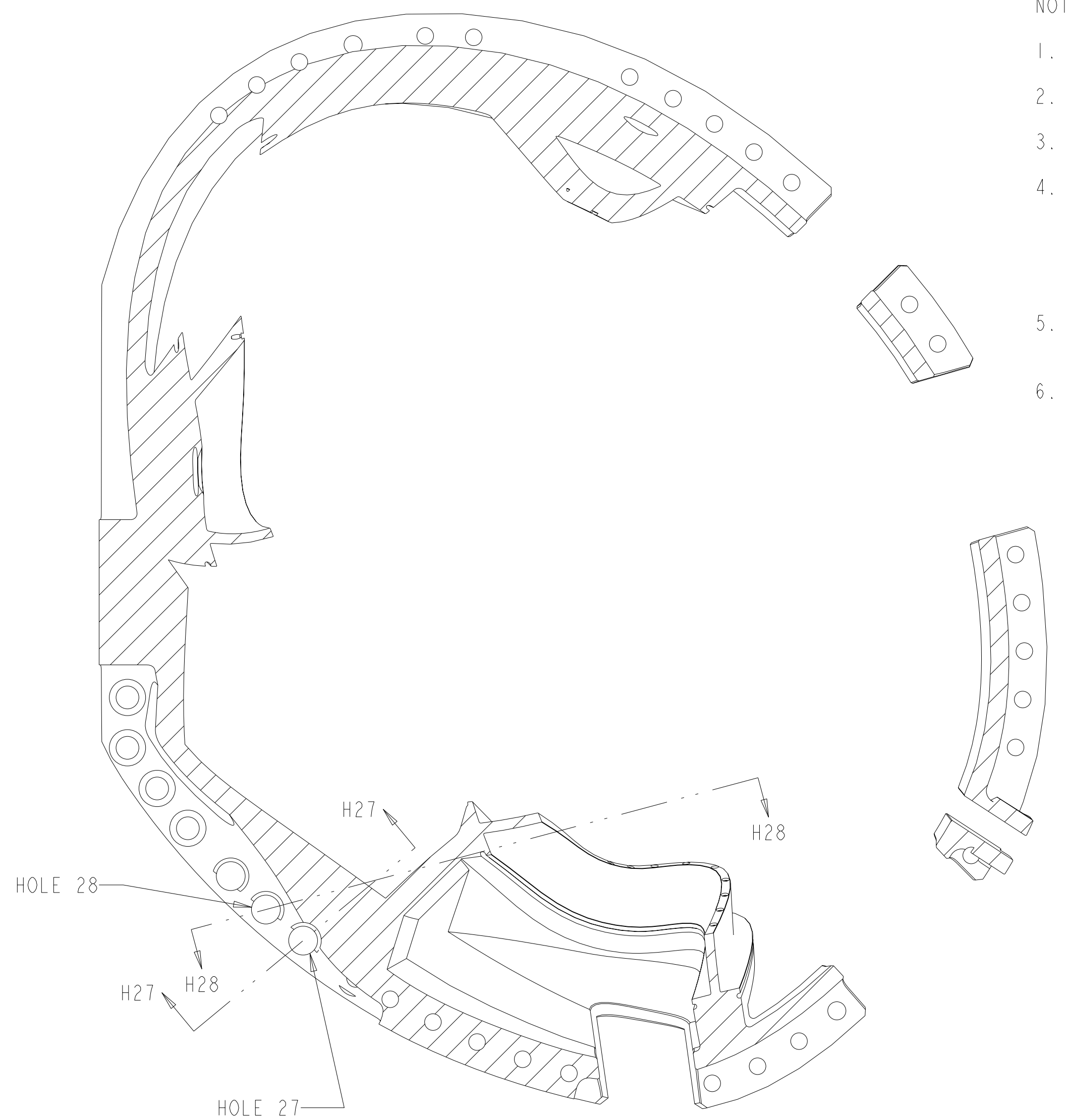


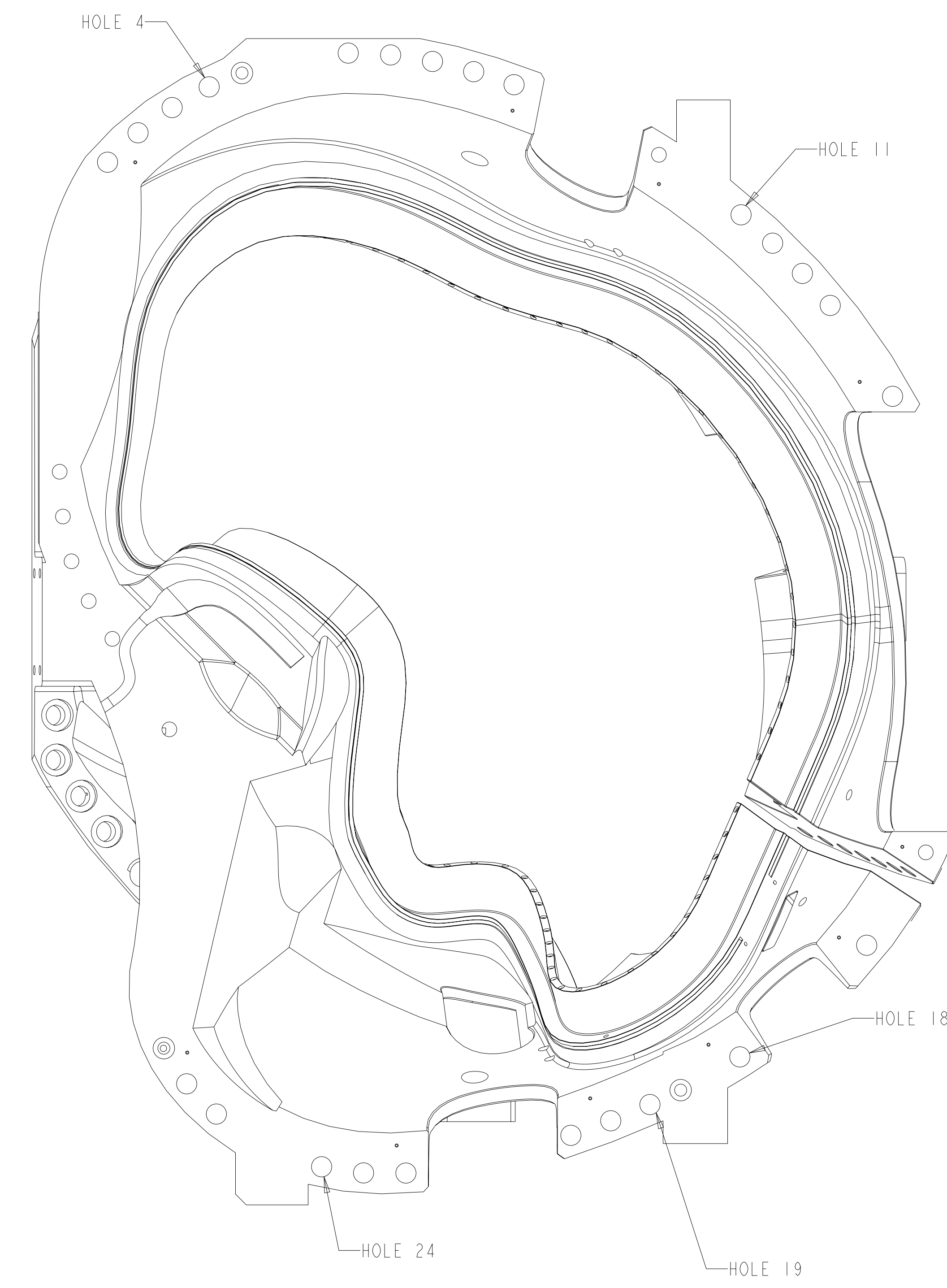
- NOTES
1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2004.
 2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
 3. DIMENSIONS ARE IN INCHES
 4. MINIMIZE MATERIAL REMOVAL FOR ALL HOLE LOCATIONS SHOWN TO PROVIDE CLEARANCE FOR SUPERNUT. CLEARANCE IS DEFINED AS PLACING A $\varnothing 3.00$ " X 3.25" LONG CYLINDER AT EACH $\varnothing 3.00$ " SPOT FACE. THE CYLINDER SHALL NOT INTERFERE WITH THE WINDING FORM.
 5. THIS DRAWING MODIFIES THE EXISTING TYPE "B" WINDING FORM AS DEFINED IN DRAWING SE141-115.DRW.
 6. 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.



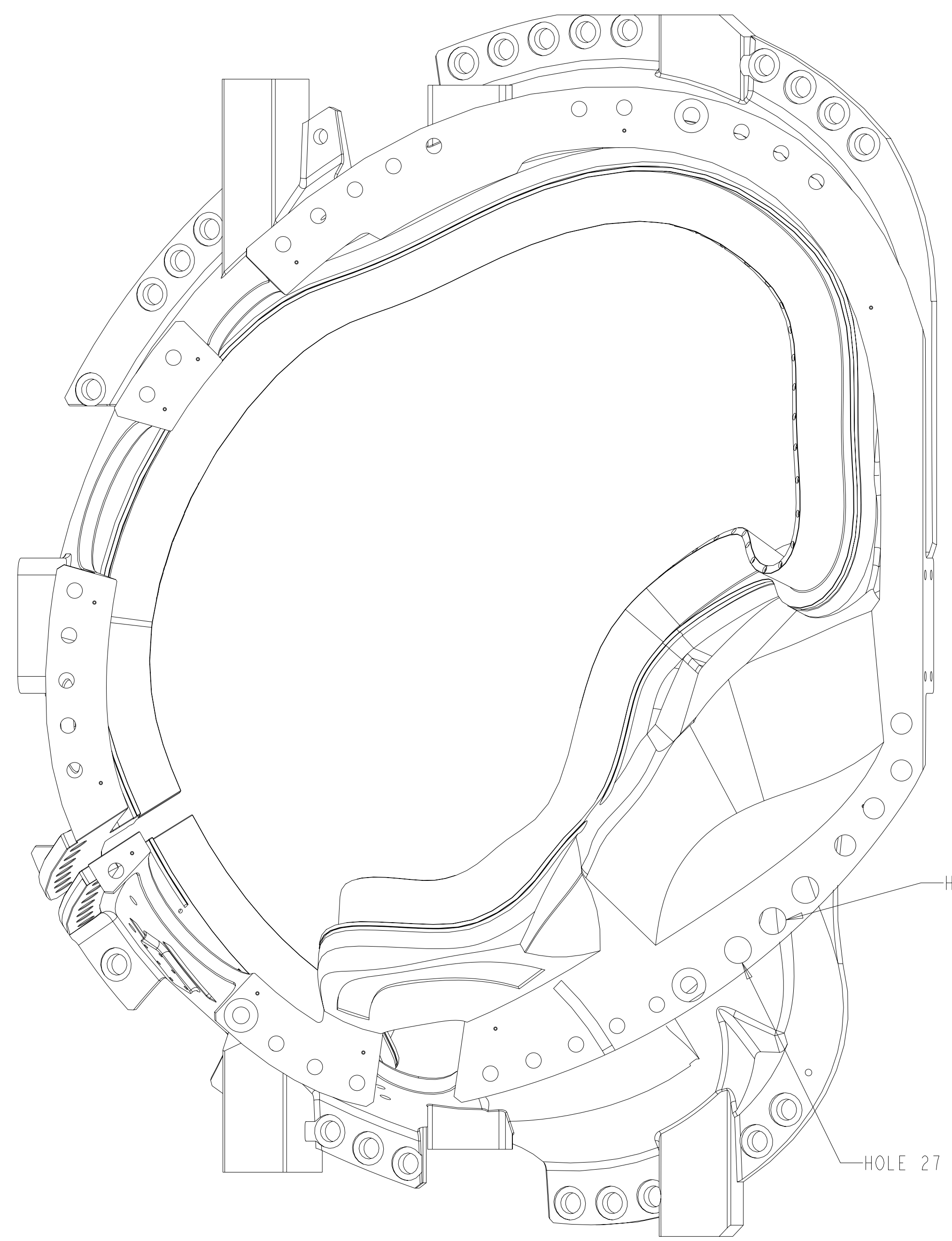
ISOMETRIC VIEW - HOLE 27
SCALE 0.500



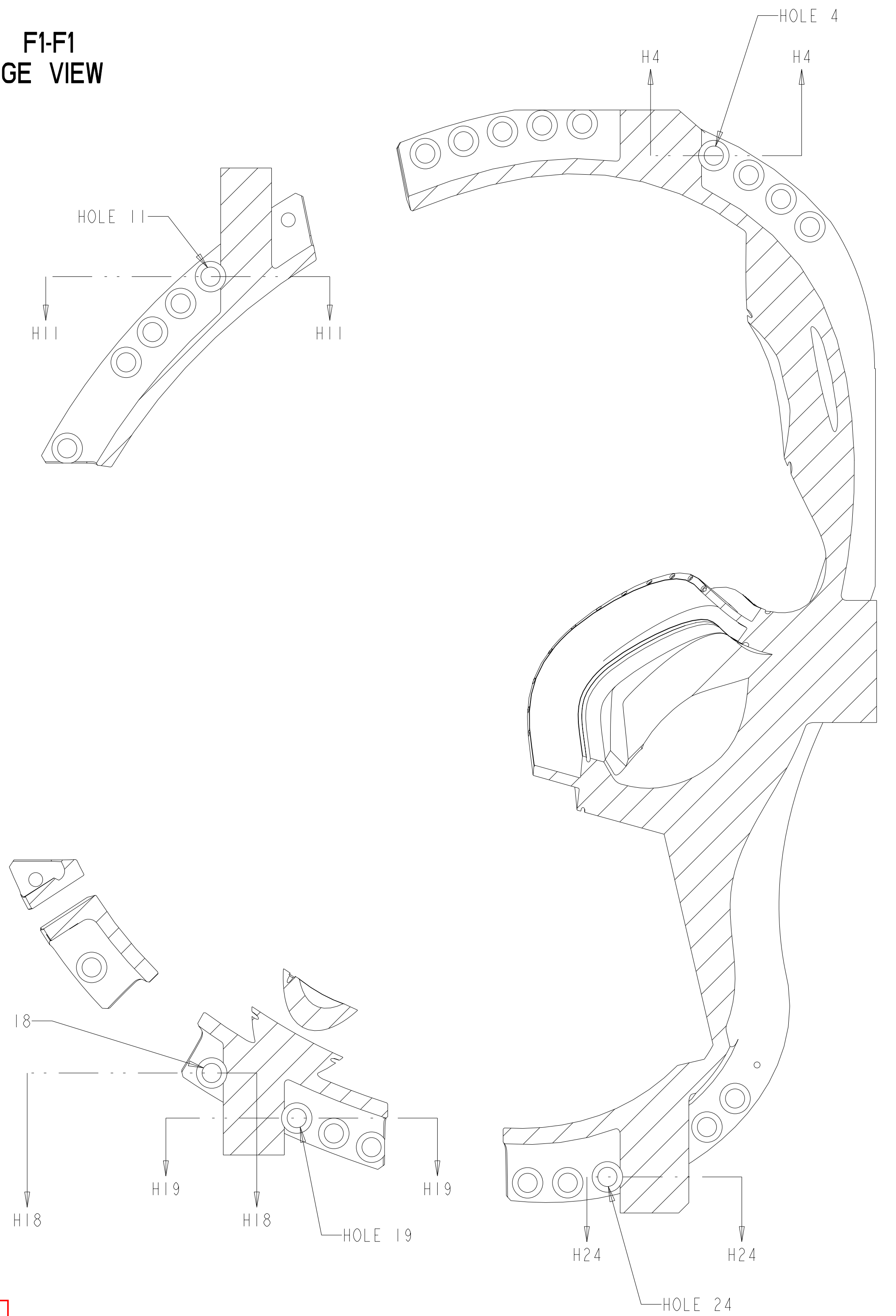
SECTION F1-F1
BC FLANGE VIEW



B-A FLANGE VIEW
SCALE .125



B-C FLANGE VIEW
SCALE .125



SECTION F2-F2
BA FLANGE VIEW

RELEASED FOR
FABRICATION / INSTALLATION
PPPL Drafting

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P THIS DRAWING PRODUCED ON PRO-ENGINEER

HOLE NUMBER IDENTIFICATION IS DEFINED IN DRAWING SE141-115.DRW

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
1	REVISED PER ECN 5273	RLM	7/07	MJC								
0	ADDED NOTE 6											
0	ORIGINAL ISSUE	GM	06/07									

SCALE	NOTED
TOLERANCES UNLESS OTHERWISE SPECIFIED	
FRACTIONS	±.01
XX DECIMALS	±.005
XXX DECIMALS	±0°15'
ANGLES	
BREAK SHARP EDGES OR MAX	
FINISH	.125 UNLESS OTHERWISE SPECIFIED

DES: D WILLIAMSON	06/07	UT-BATTELLE NATIONAL COMPACT STELLARATOR EXPERIMENT					
DRW: G MCGINNIS	06/07						
CHK: M COLE	06/07						
PPPL DRFT J SIEGEL		06/07					
VERSION NO.	PLANT	BLDG	FL	SHT	OF	TYPE	CLASS
	ORNL	5700	3	1	2	S	U
RELEASE LEVEL		SE141-115G					
DRAWING APPROVALS		Fabrication					

8

7

6

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4

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2

1

NEXT ASS'Y: 1 FINAL ASS'Y:

H

H

G

G

F

F

E

E

D

D

C

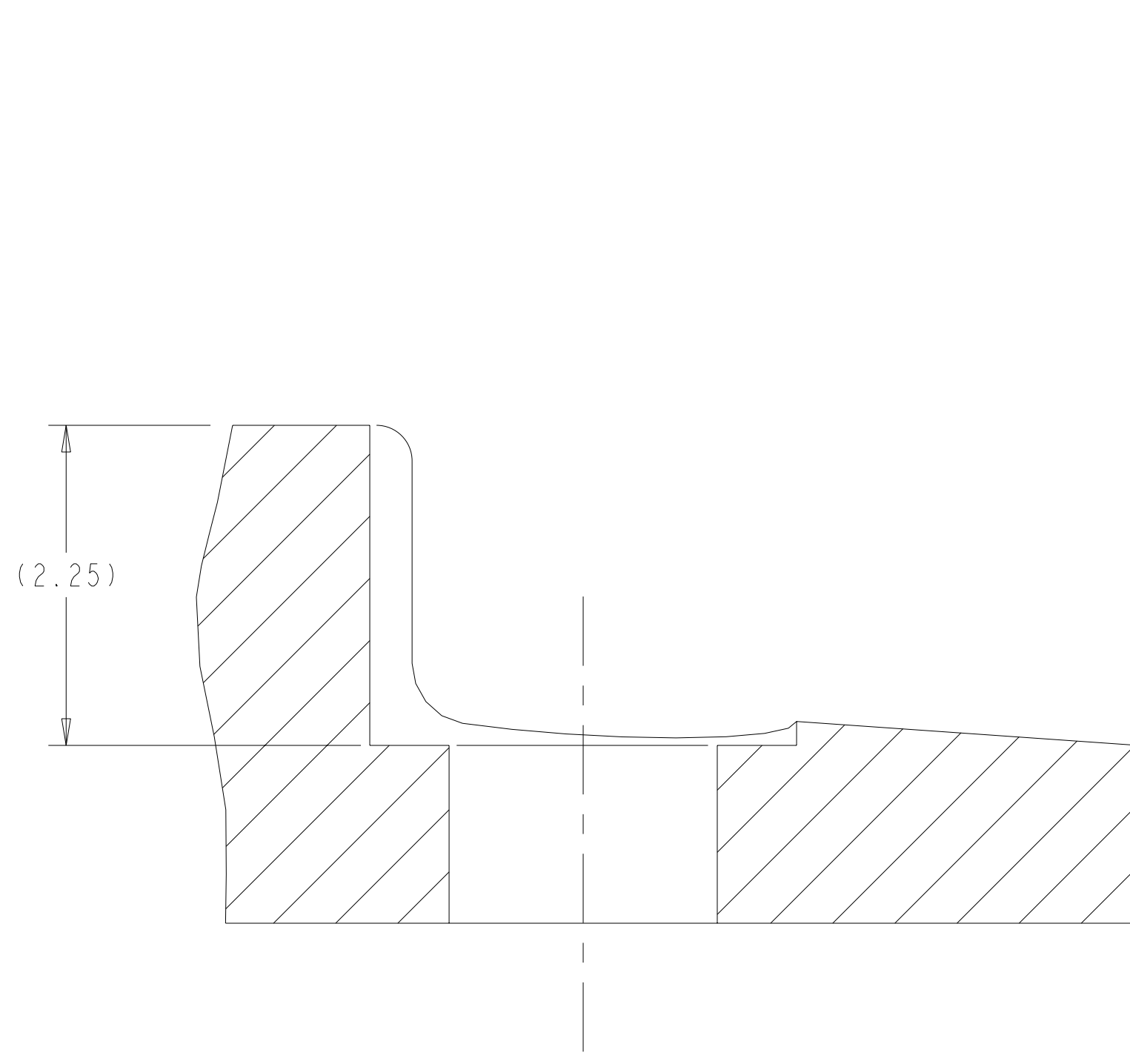
C

B

B

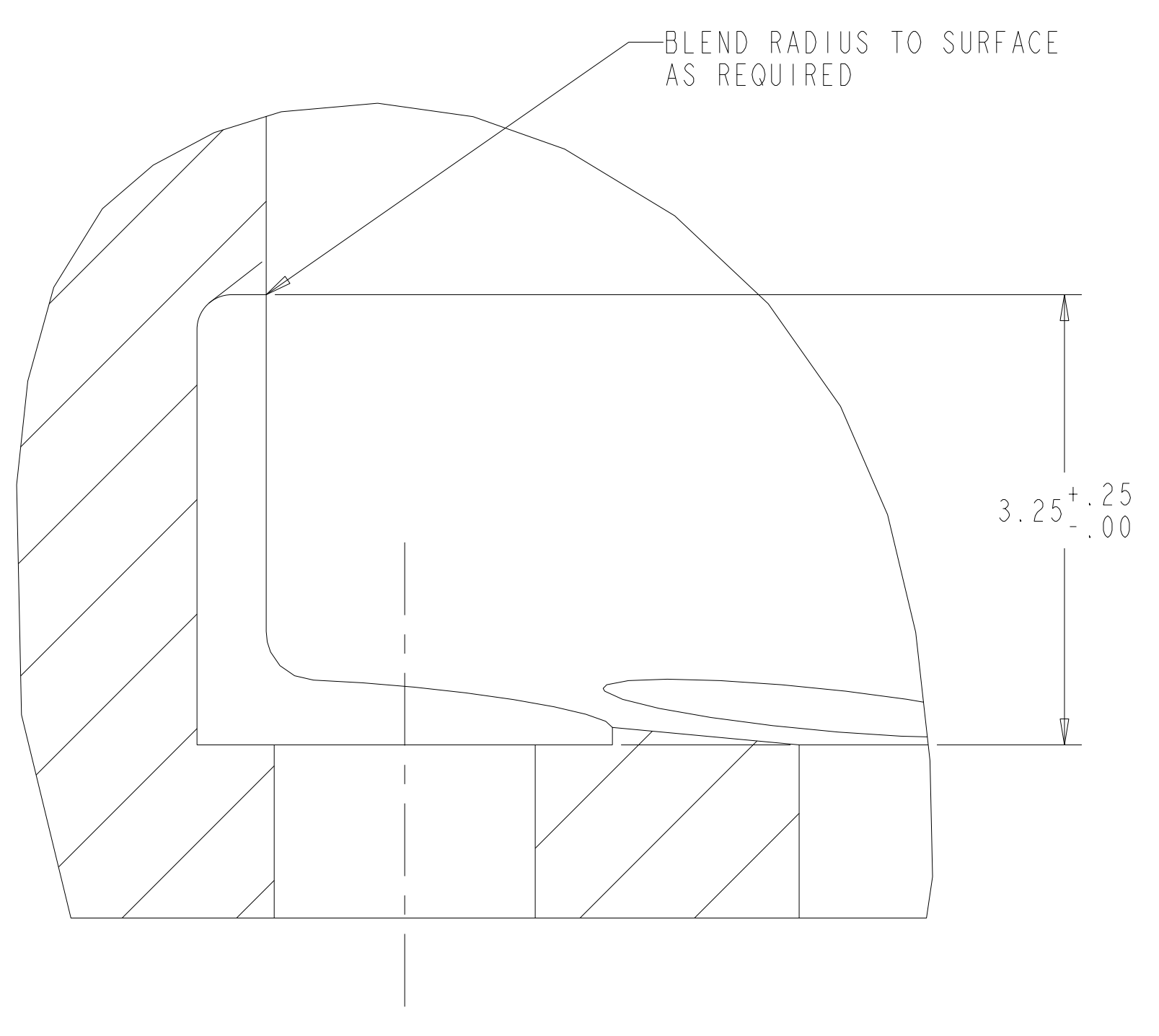
A

A



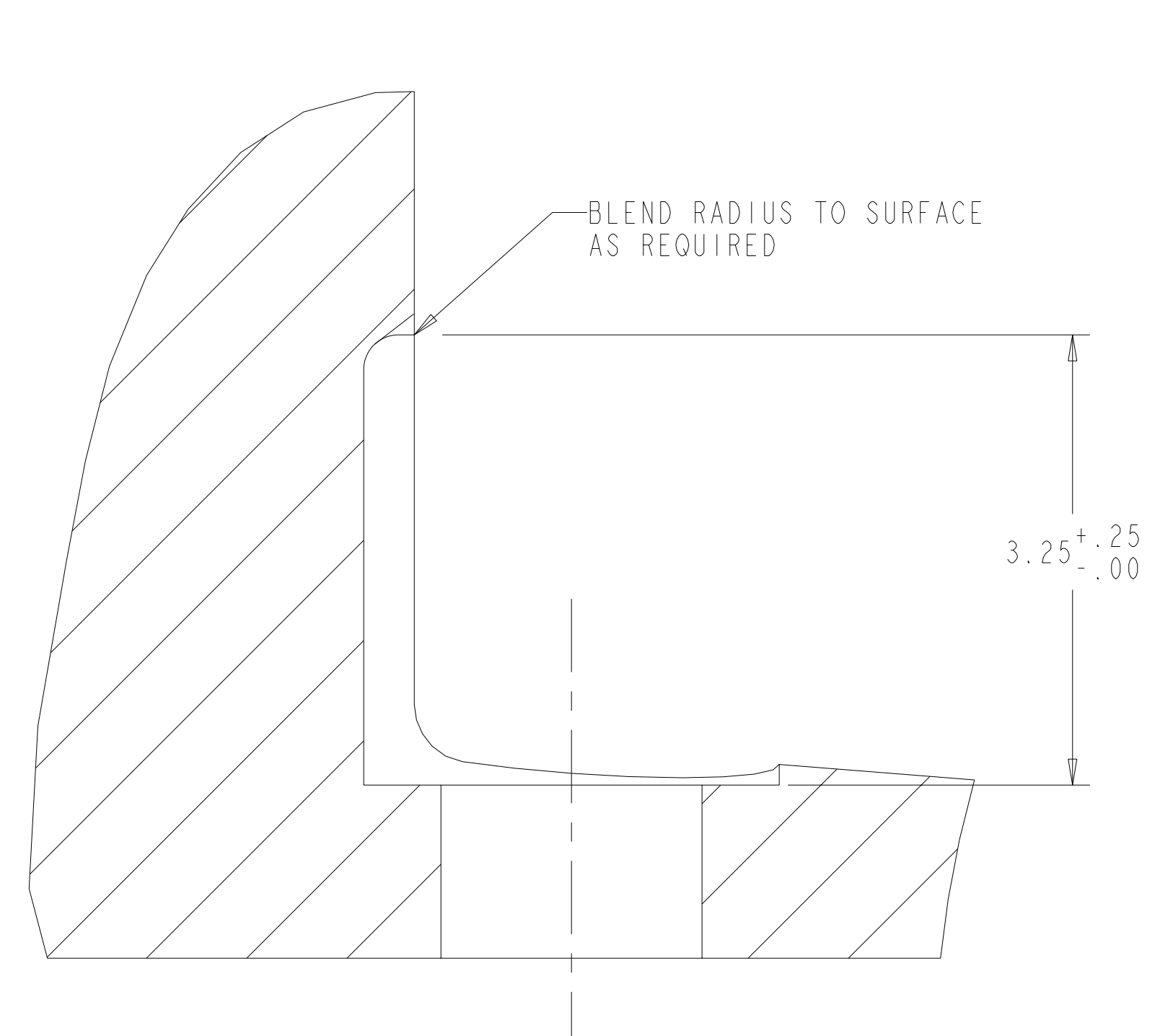
SECTION H4-H4 AT HOLE 4
SCALE 1.000

SEE NOTE 4



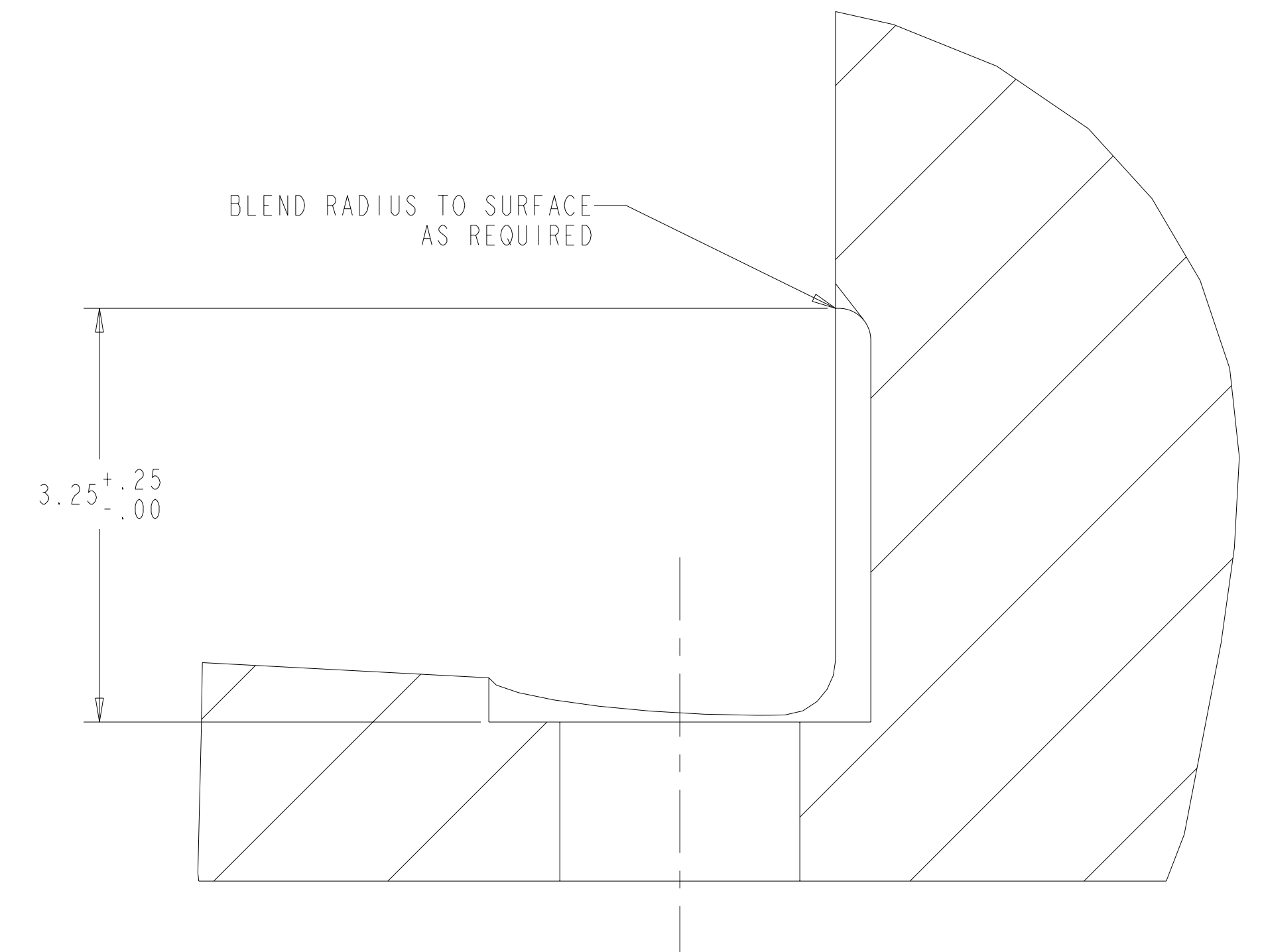
SECTION H11-H11 AT HOLE 11
SCALE 1.000

SEE NOTE 4



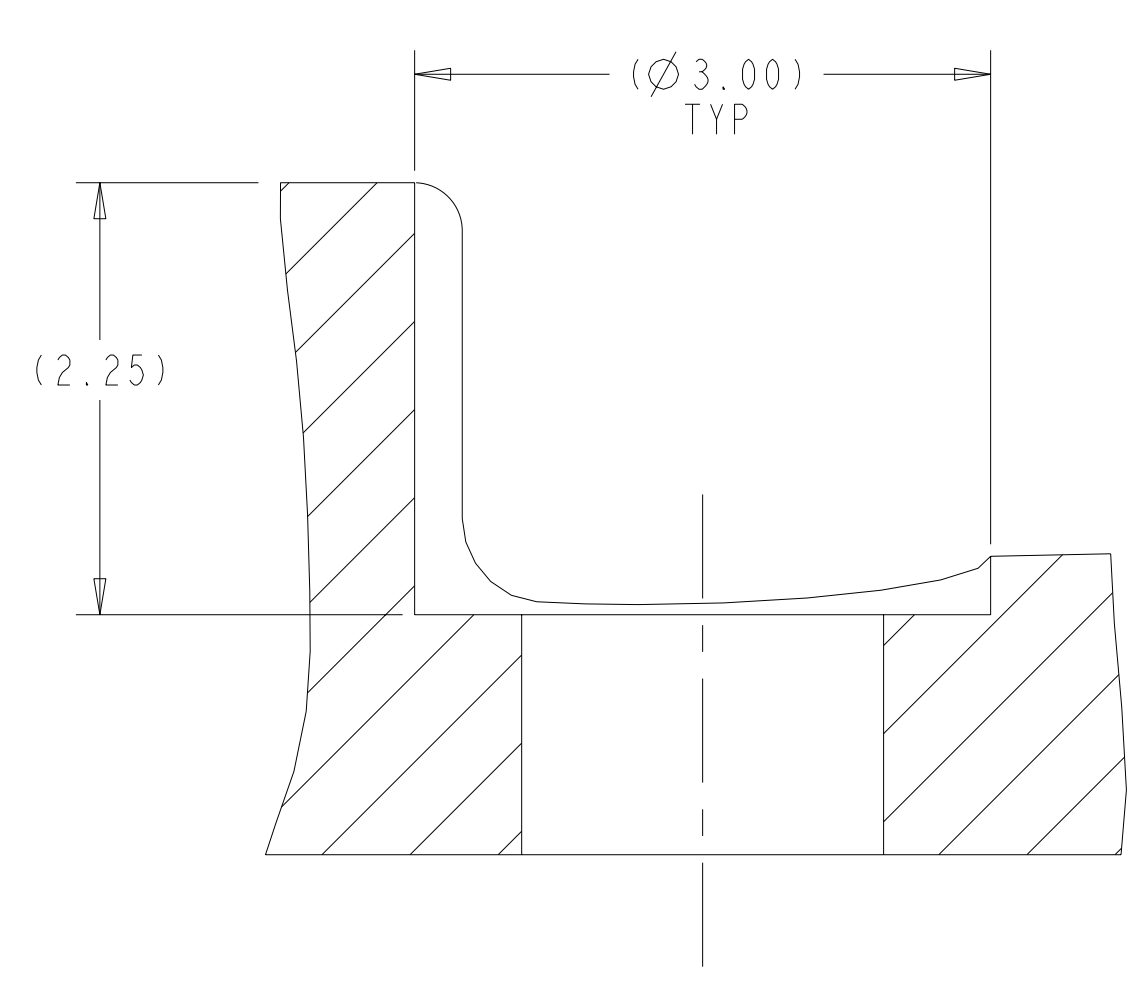
SECTION H18-H18 AT HOLE 18
SCALE 1.000

SEE NOTE 4



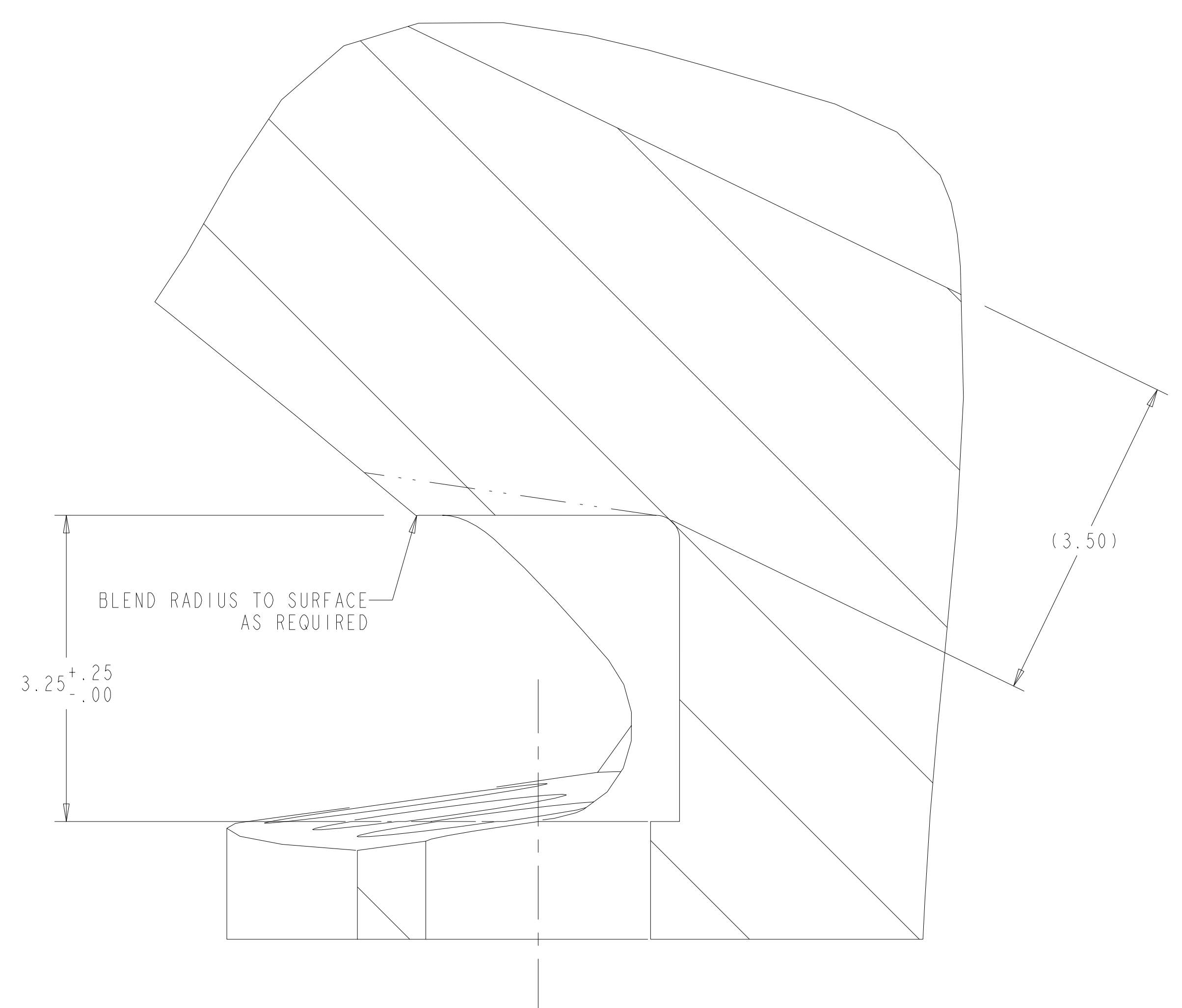
SECTION H19-H19 AT HOLE 19
SCALE 1.000

SEE NOTE 4



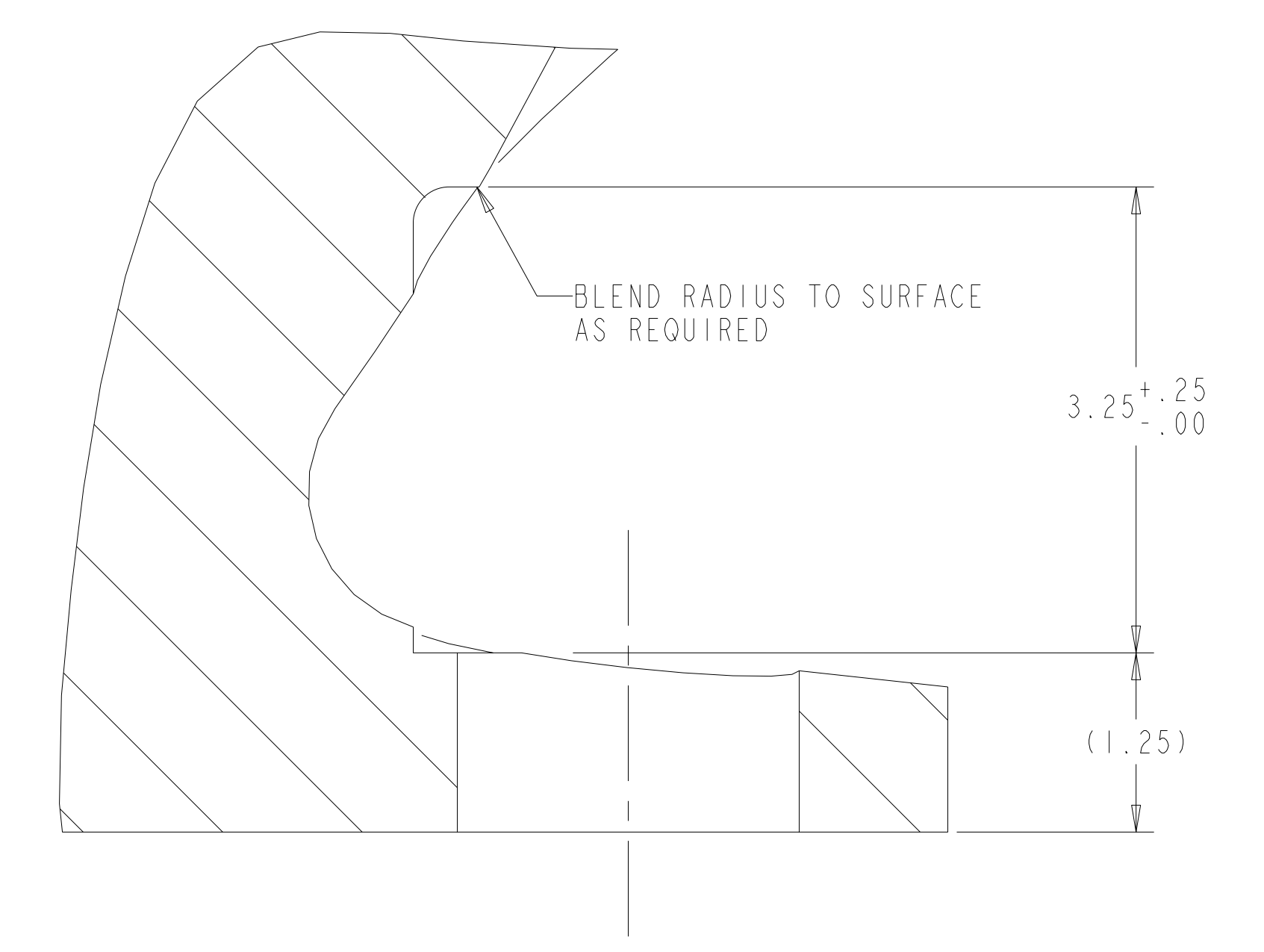
SECTION H24-H24 AT HOLE 24
SCALE 1.000

SEE NOTE 4



SECTION H27-H27 AT HOLE 27
SCALE 1.000

SEE NOTE 4



SECTION H28-H28 AT HOLE 28
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:										
UT-BATTELLE NATIONAL COMPACT STELLARATOR EXPERIMENT										
TYPE "B" MODULAR COIL SUPER NUT CLEARANCE										
VERSION NO.	PLANT	BLDG	FL	SHT	OF	TYPE	CLASS			
1	ORNL	5700	3	2	2	S	U			
RELEASE LEVEL		SE141-115G						REV		
Fabrication								0		

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SE141-115G