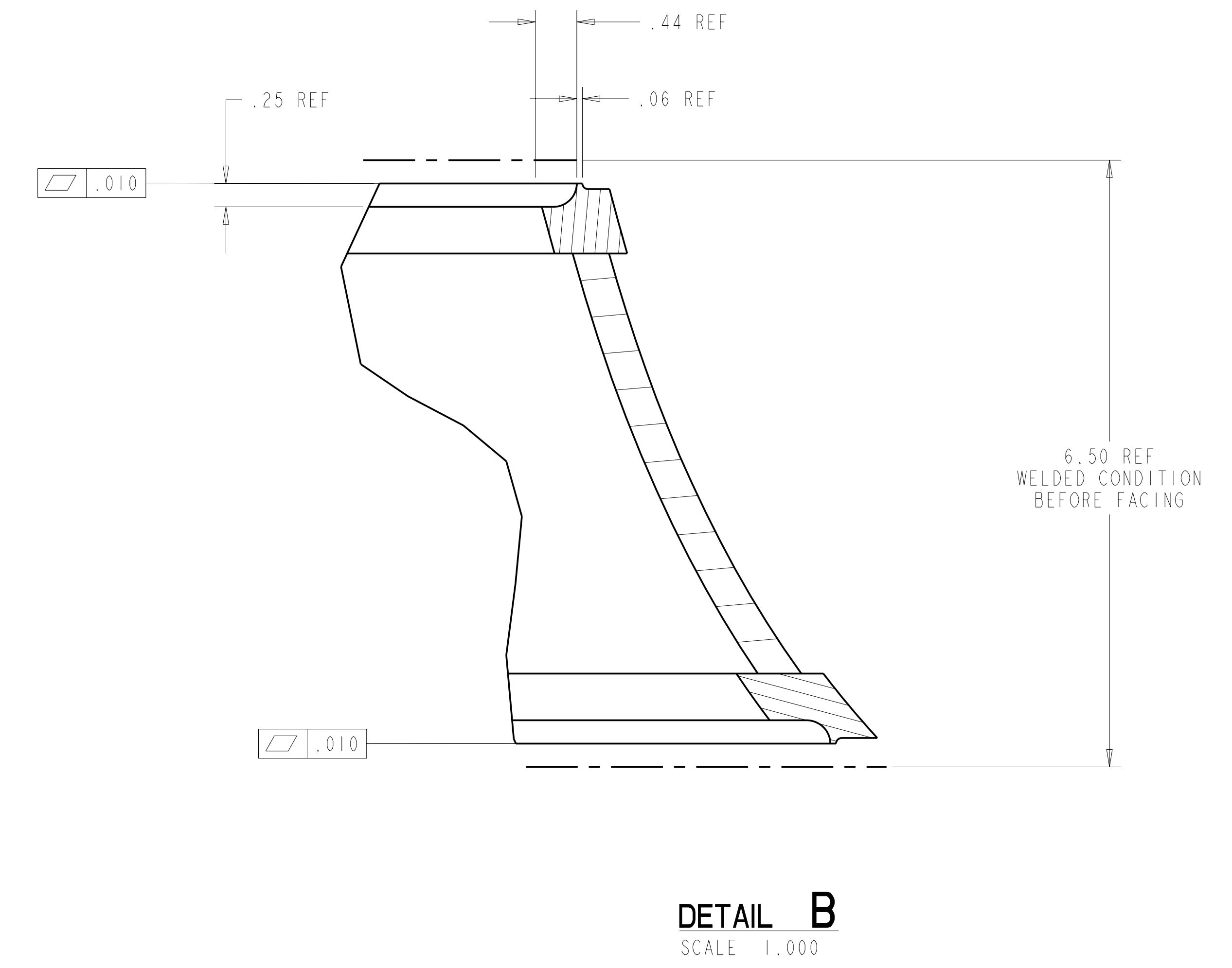
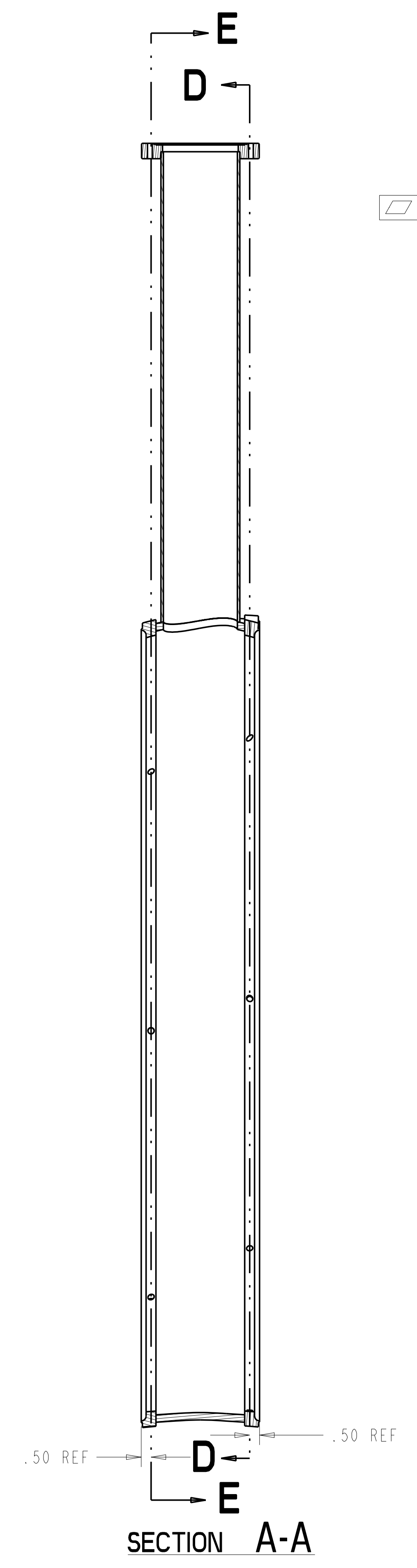
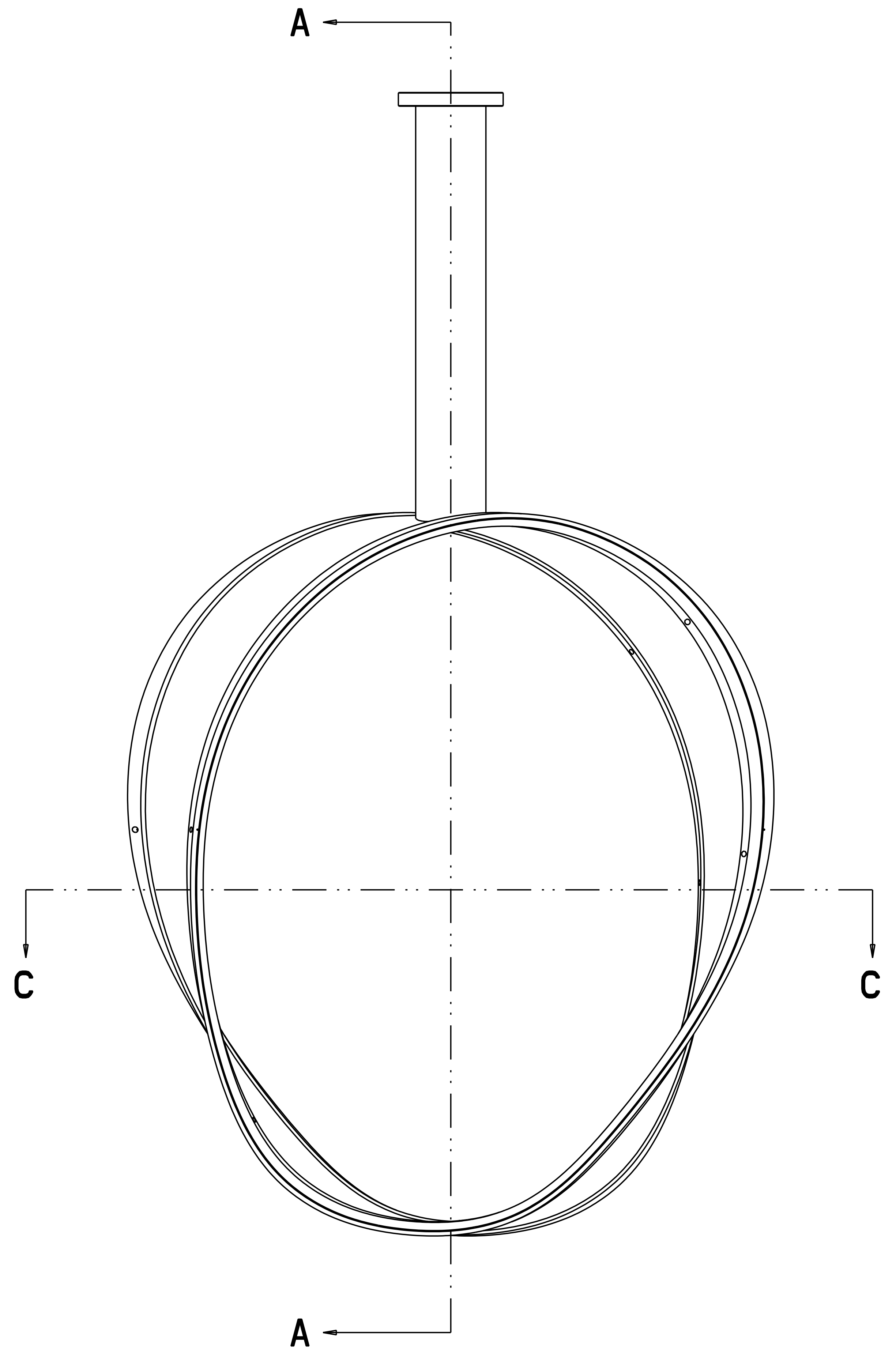
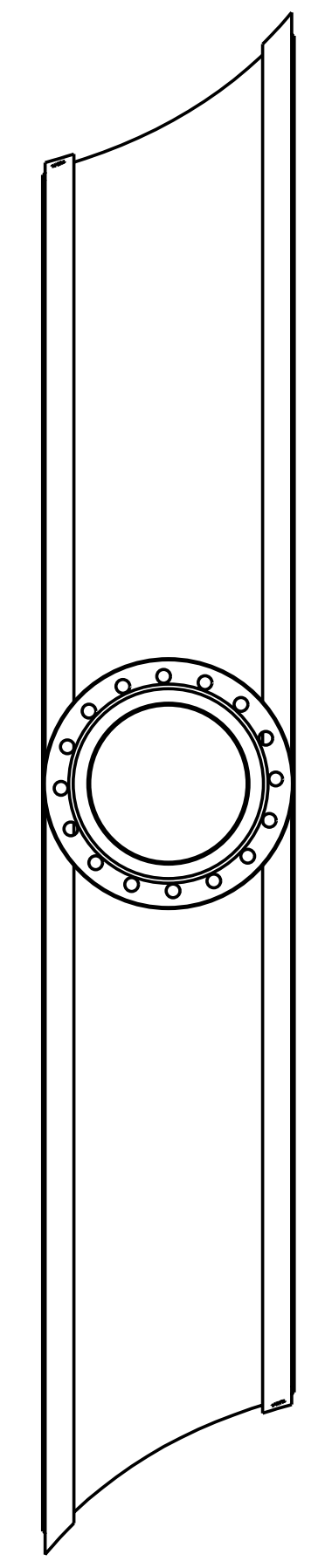
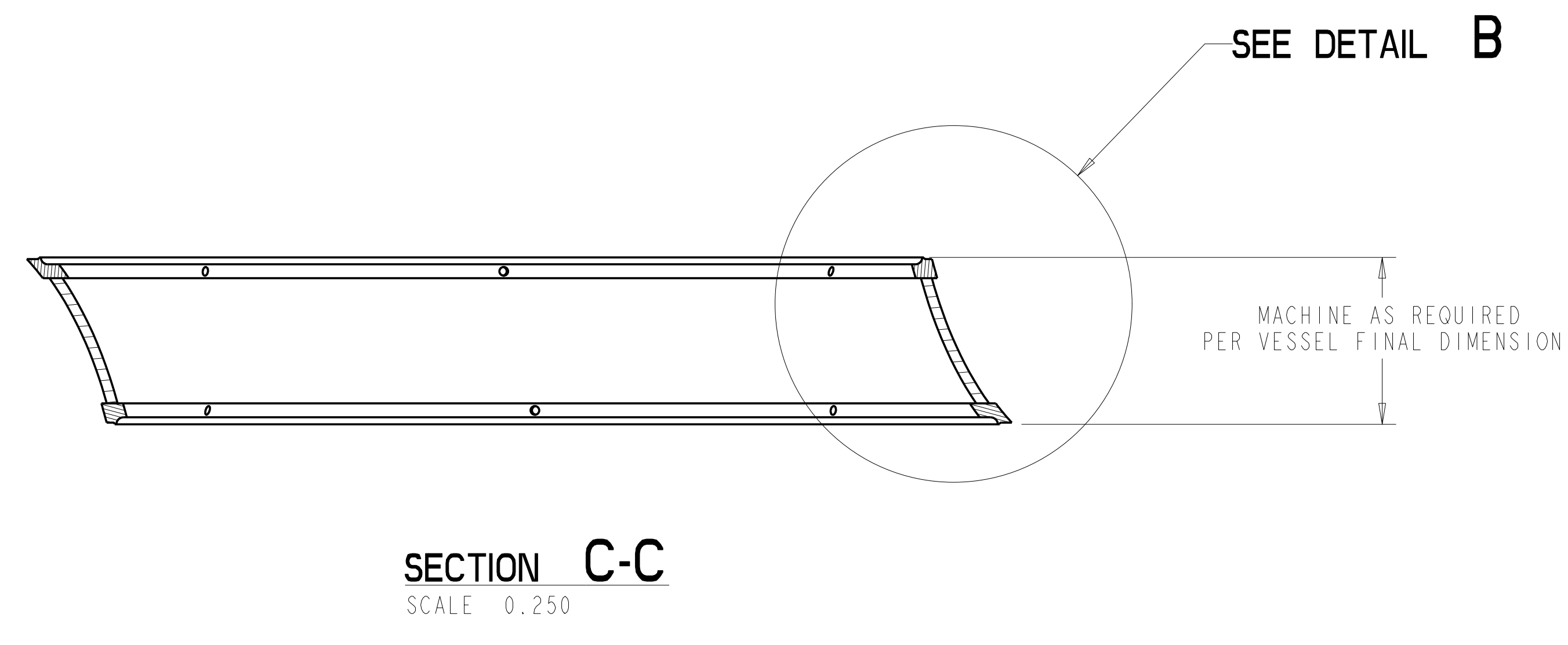


- NOTES:  
 1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M.  
 2. DIMENSION ARE IN INCHES.  
 3. REQUIREMENTS FOR FABRICATING THE VACUUM VESSEL SPACER ASSEMBLY MACHINING ARE DEFINED IN THE DRAWINGS, MODELS, AND NCSX-CSPEC-121-02-00.  
 4. GEOMETRY OF VACUUM VESSEL SUB ASSEMBLY IS DEFINED IN CAD MODELS/FILES SE121-010.ASM.  
 5. MEASURE AND MACHINE TO FIT AT ASSEMBLY, SE120-001.



CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
2	SE121-031	VV SPACER WELDED FLANGE	--	--	3
1	SE121-014	VV SPACER WELDMENT	--	--	2
1	SE121-010	VV SPACER MACHINING	--	--	1

← NEXT ASSEMBLY PARTS LIST

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 INFORMATION TO BIDDER ARE NOT TO BE USED FOR OTHER 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

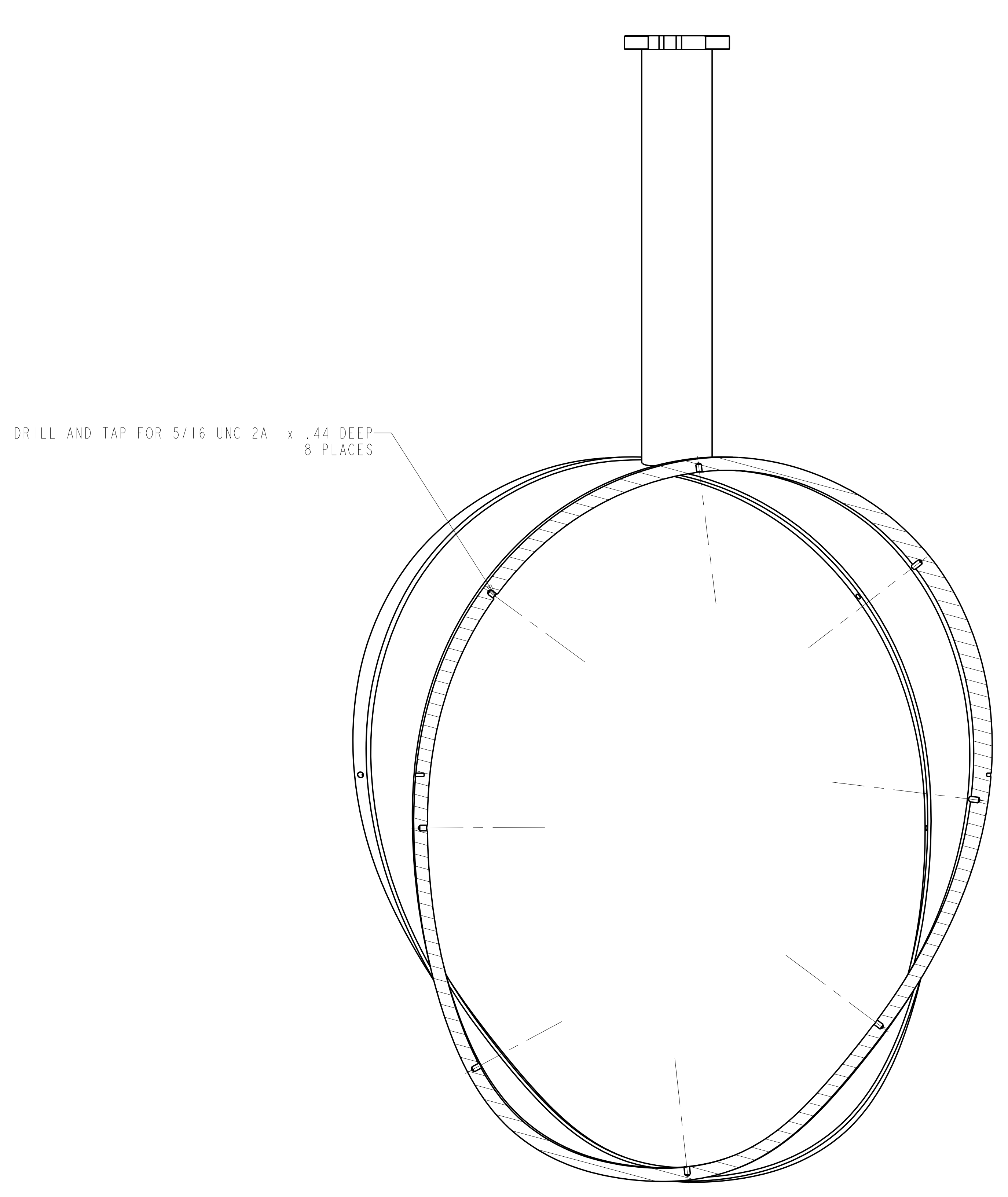
SCALE AS NOTED  
 TOLERANCES UNLESS OTHERWISE SPECIFIED  
 FRACTIONS ±.01  
 XX DECIMALS ±.01  
 XXX DECIMALS ±.005  
 ANGLES ±0°15'  
 BREAK SHARP EDGES .06 MAX  
 FINISH .125 UNLESS OTHERWISE SPECIFIED

DES: P. GORANSON  
 DRW: G. FORTIER  
 CHK: :  
 SECT: :  
 DEPT: :  
 PE: :  
 CR: :  
 PJ: :  
 RED: :  
 PPPL DRFT :  
 :  
 :  
 DRAWING APPROVALS: DATE

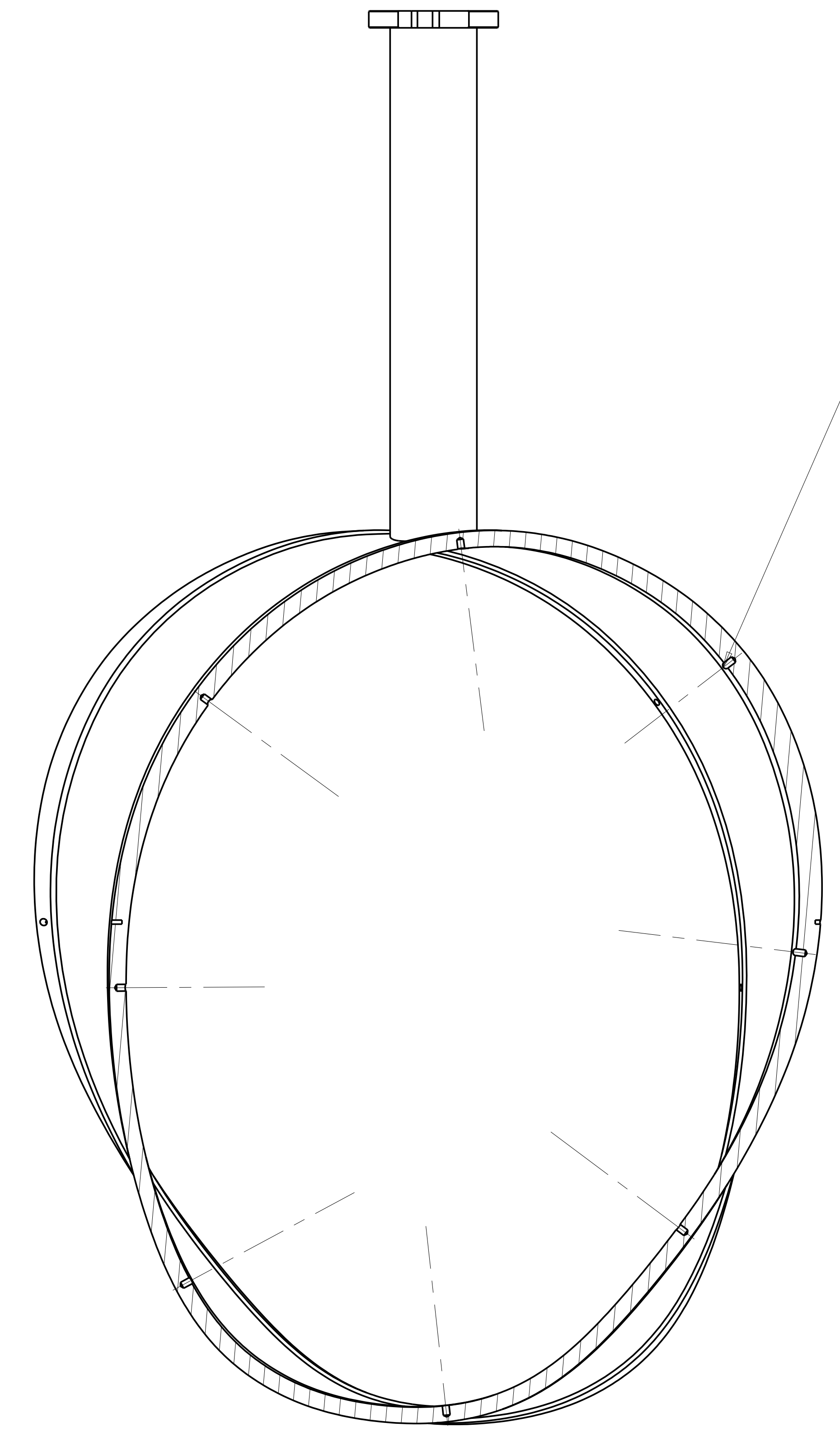
UT-BATTELLE  
 NATIONAL COMPACT STELLARATOR EXPERIMENT  
 VACUUM VESSEL SPACER ASSEMBLY MACHINING

Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC. Oak Ridge, Tennessee

VERSION NO.	PLANT ORNL	BLDG 5700	FL 3	SHT OF 1	TYPE 3 D	CLASS U
RELEASE LEVEL WIP	SE121-010		REV 0			



SECTION E-E

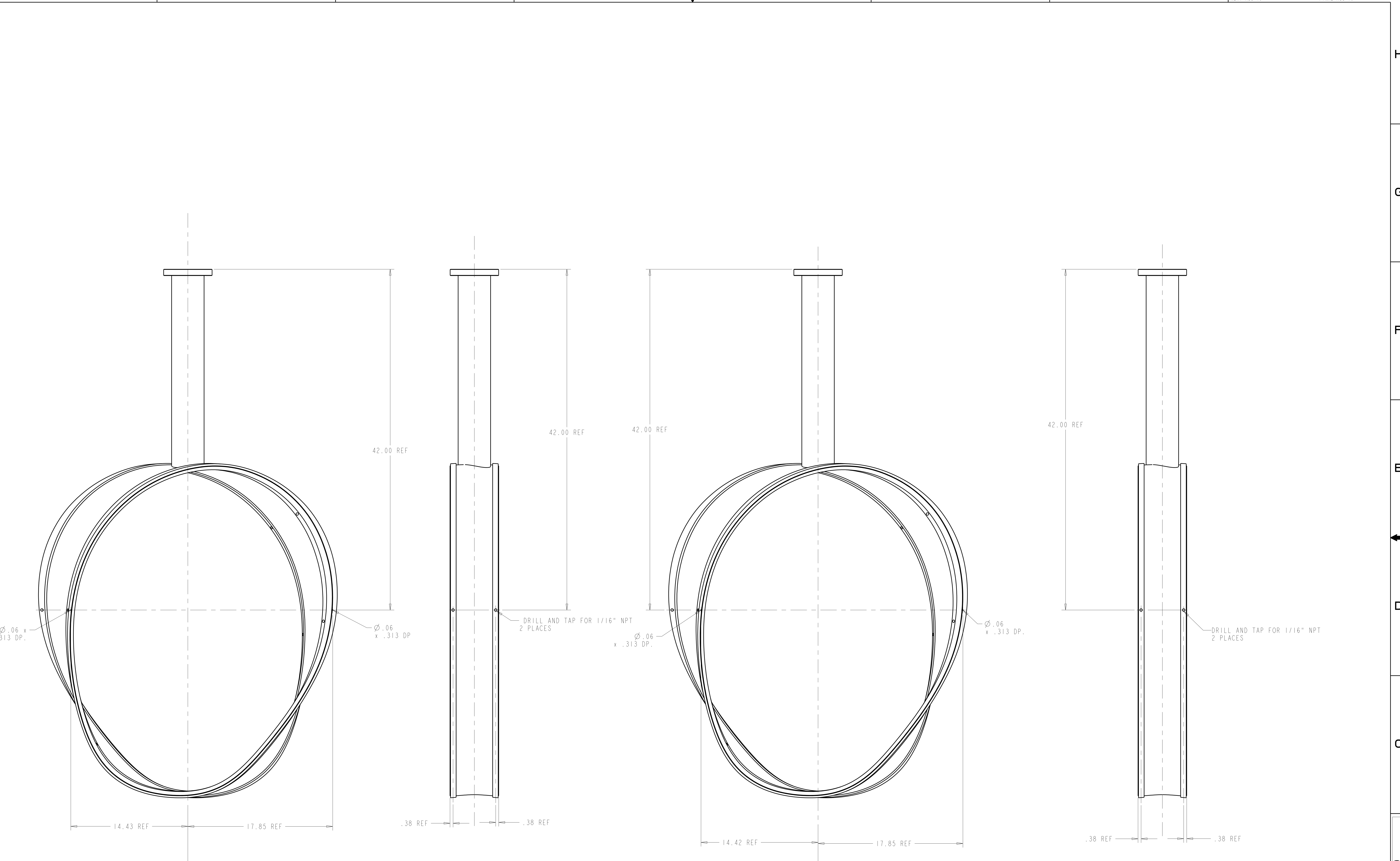


SECTION D-D

Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC, Oak Ridge, Tennessee						
<b>UT-BATTELLE</b>						
NATIONAL COMPACT STELLARATOR EXPERIMENT						
VACUUM VESSEL SPACER ASSEMBLY MACHINING						
VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS
30	ORNL	5700	3	2 3	D	U
RELEASE LEVEL		SEI21-010				REV
WIP						0

SEI21-010

A



Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC, Oak Ridge, Tennessee						
<b>UT-BATTELLE</b>						
NATIONAL COMPACT STELLARATOR EXPERIMENT VACUUM VESSEL SPACER ASSEMBLY MACHINING						
VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS
30	ORNL	5700	3	3	3	D
RELEASE LEVEL		SEI21-010				REV
WIP						0

SEI21-010

A