

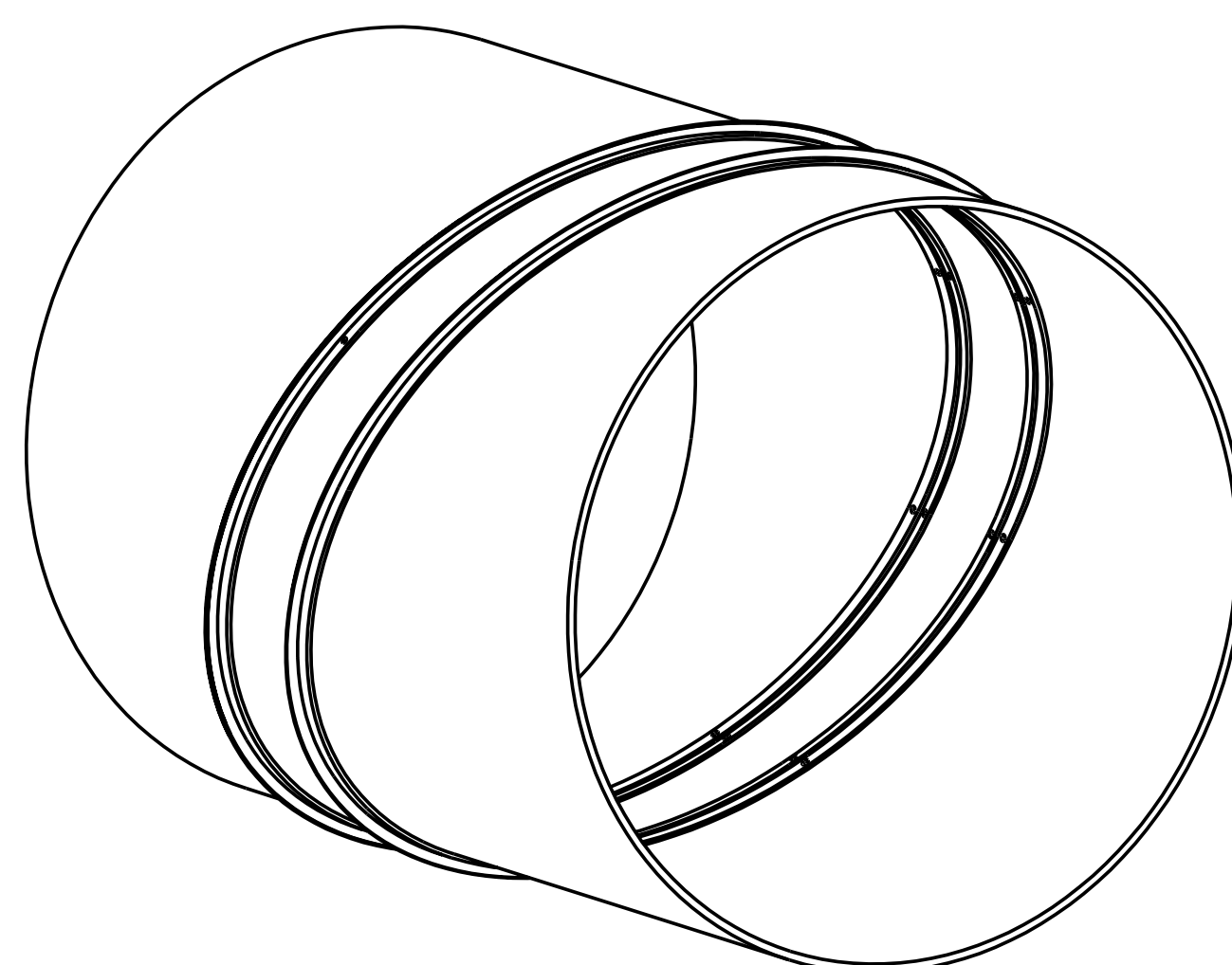
NOTES:

1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M.

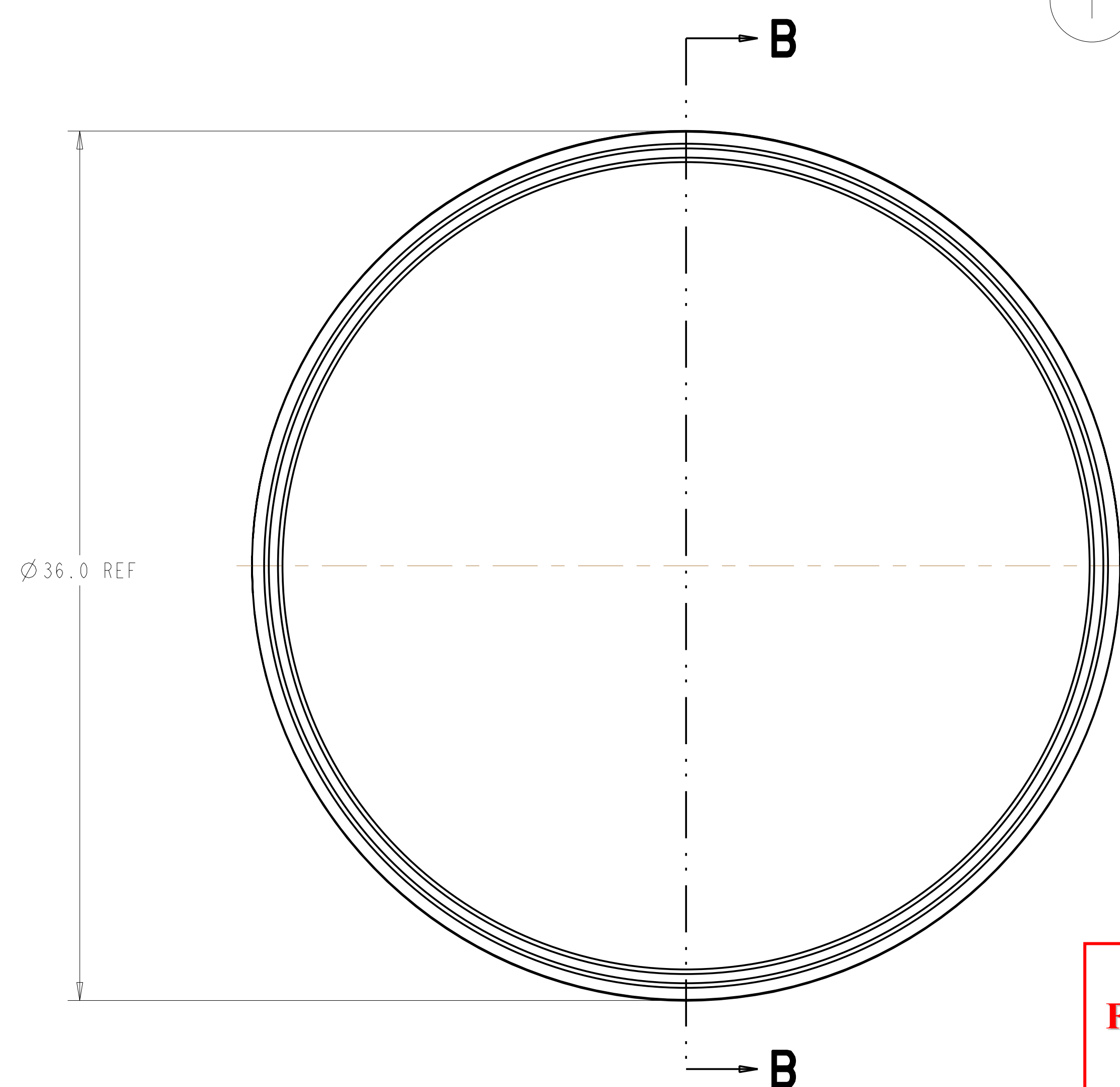
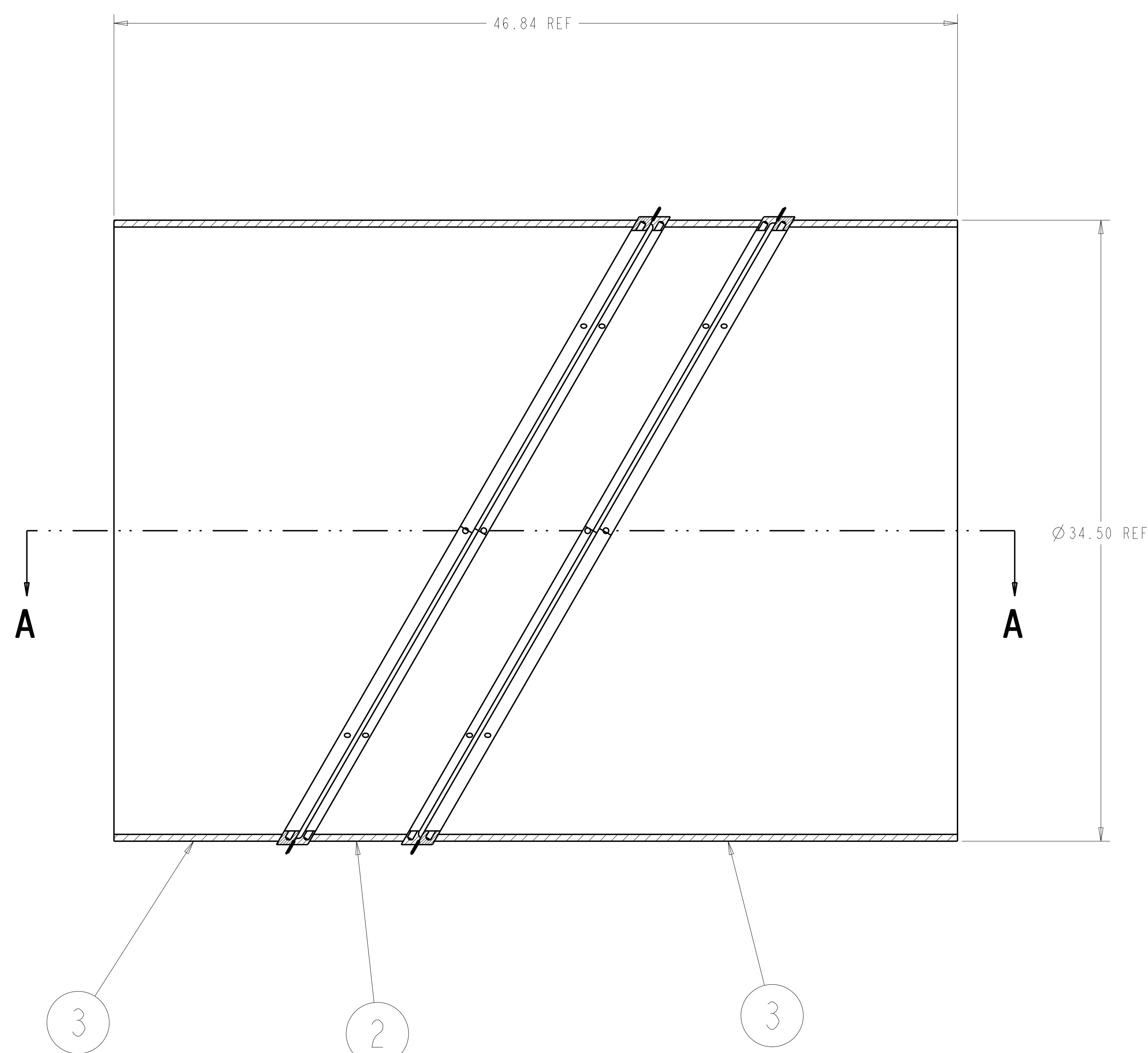
2. DIMENSION ARE IN INCHES.

3. REQUIREMENTS FOR FABRICATING THE VACUUM VESSEL FIELD WELD JOINT ASSEMBLY ARE DEFINED IN THE DRAWINGS, MODELS, AND NCSX-SOW-121-02-00.

4. GEOMETRY OF VACUUM VESSEL FIELD WELD JOINT ASSEMBLY IS DEFINED IN CAD MODELS/FILES SEI203-001.ASM, SEI203-006.ASM, AND SEI203-007.ASM.




REFERENCE VIEW



**RELEASED FOR
FABRICATION / INSTALLATION**

PPPL Drafting:

next assy	2		SEI203-007	END PIECE ASSEMBLY - WELDMENT	INCONEL	UNS N06625	3
	1		SEI203-006	SPOOL PIECE ASSEMBLY - WELDMENT	INCONEL	UNS N06625	2
			SEI203-001	VACUUM VESSEL FIELD WELD JOINT ASSEMBLY	AS NOTED	AS NOTED	1
		CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
		←	NEXT ASSEMBLY	PARTS LIST			

															SCALE AS NOTED										DES P. GORANSON 27MAR04			<div>Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22722 UT-BATTELLE, Inc., Oak Ridge, Tennessee</div>																
															TOLERANCES UNLESS OTHERWISE SPECIFIED										DRW G. FORTIER 28MAR04																			
															FRACTIONS										CHK G. LOVETT 6APR04																			
															SECT :										PROJECT NAME																			
															DEPT :										NATIONAL COMPACT STELLARATOR EXPERIMENT																			
															±.01										VACUUM VESSEL FIELD																			
															±.005										WELD JOINT ASSEMBLY																			
															±0°15'										FOR REFERENCE ONLY																			
															BREAK SHARP EDGES .06 MAX										VERSION NO.			PLANT	BLDG	FL	SHT	OF	TYPE	CLASS										
															FINISH .02 UNLESS OTHERWISE SPECIFIED										PPPL DRFT :			ORNL	5700	3	1	2	D	U										
																									DRAWING APPROVALS			DATE	RELEASE LEVEL	Fabrication	SEI203-001	REV	0											
REV DESCRIPTION BY DATE CHK DEPT DATE PT REO DATE ORNL DOE DATE															REVISION OR ISSUE PURPOSE										REVISION APPROVAL																			

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P

THIS DRAWING PRODUCED
ON PRO-ENGINEER

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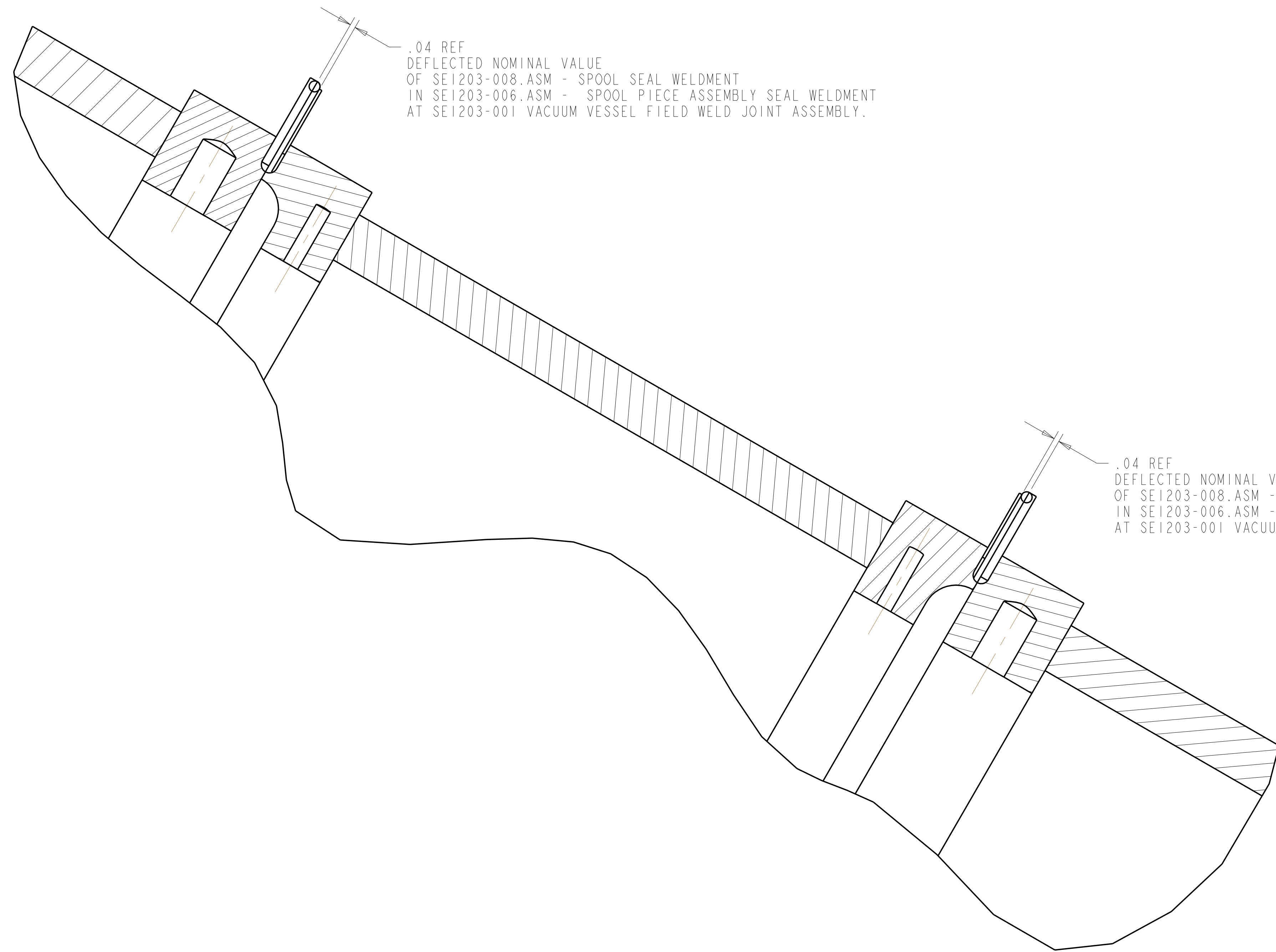
3

2

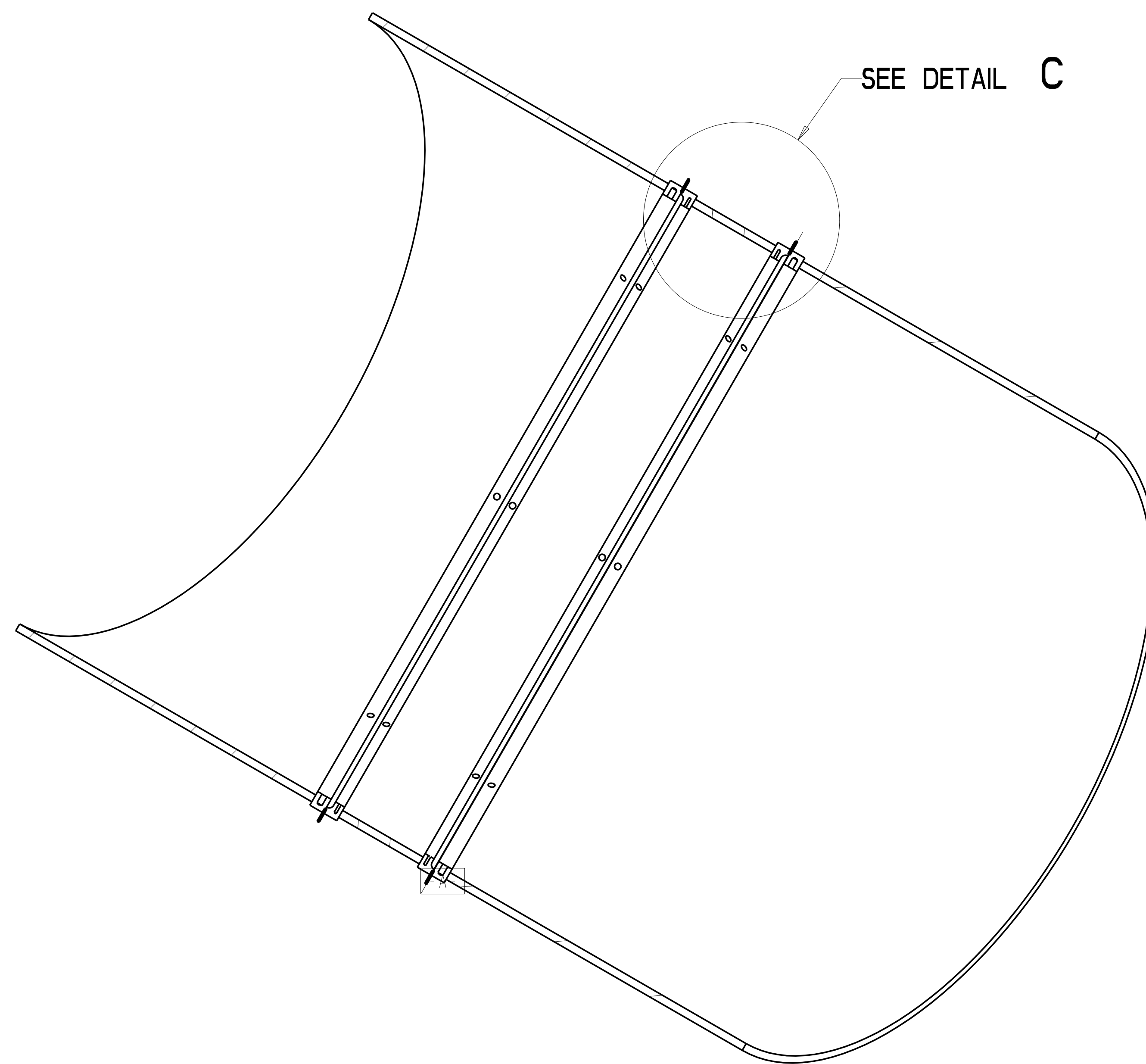
1

NEXT ASS'Y:

1 FINAL ASS'Y:



DETAIL C
SCALE 2.000



SECTION A-A

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PPPL Drafting:

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					
VACUUM VESSEL FIELD WELD JOINT ASSEMBLY FOR REFERENCE ONLY							
VERSION NO.	PLANT	BLDG	FL	SHT	OF	TYPE	CLASS
	ORNL	5700	3	2	2	D	U
RELEASE LEVEL Fabrication		SEI203-001					REV 0