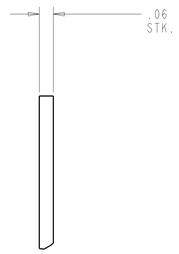
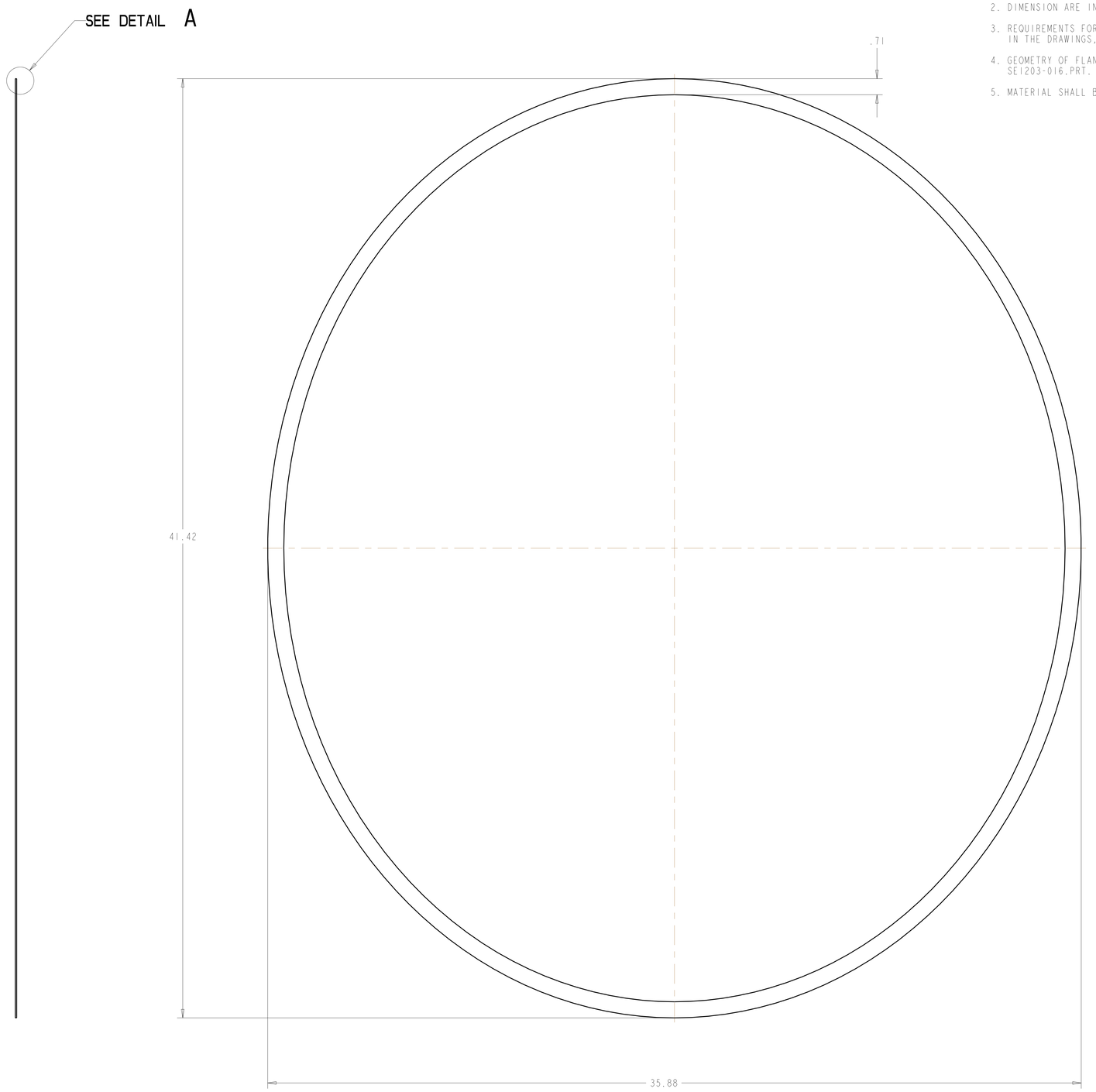
NEXT ASS'Y: FINAL ASS'Y:

NOTES:
1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M.
2. DIMENSION ARE IN INCHES.
3. REQUIREMENTS FOR FABRICATING THE VACUUM VESSEL END SEAL ARE DEFINED IN THE DRAWINGS, MODELS, AND NCSX-SOW-121-02-00.
4. GEOMETRY OF FLANGE IS DEFINED IN CAD MODELS/FILES SEI203-016.PRT.
5. MATERIAL SHALL BE UNS N06625 AND MEET THE REQUIREMENTS OF ASTM B 443.



DETAIL A
SCALE 4.000



SCALE 0.500

next assy	2		SEI203-016	VACUUM VESSEL END - SEAL	INCONEL	UNS N06625	1
	-1	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
		NEXT ASSEMBLY		PARTS LIST			

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting: Jerry Siegel 2004.04.26 12:45:31 -05'00'

SEI203-016

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P THIS DRAWING PRODUCED ON PRO-ENGINEER

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
	REVISION OR ISSUE PURPOSE	REVISION APPROVAL										

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

DRAWING APPROVALS	DATE
DES P.GORANSON	27MAR04
DRW G.FORTIER	28MAR04
CHK G.LOVETT	6APR04
SECT :	:
DEPT :	:
PE :	:
CR :	:
PJ :	:
REQ :	:
PPPL DRFT	:
:	:
:	:

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 END SEAL

VERSION NO.	PLANT	BLDG	FL	SHT	OF	TYPE	CLASS
	ORNL	5700	3	1	1	D	U

RELEASE LEVEL: Fabrication
SEI203-016
REV 0