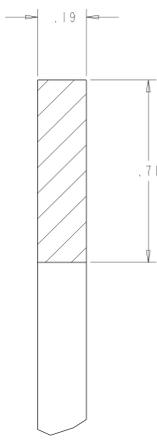
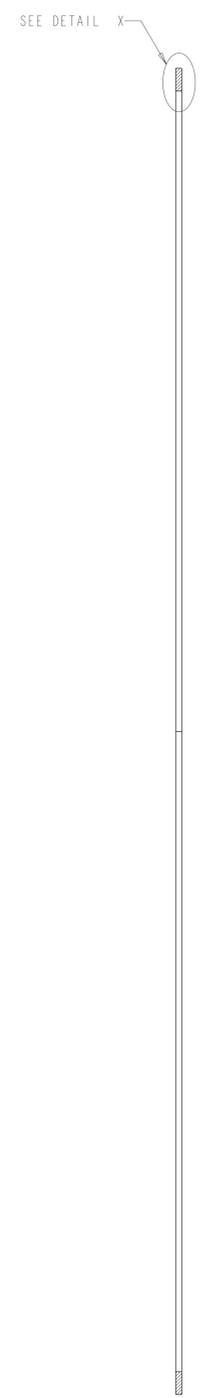


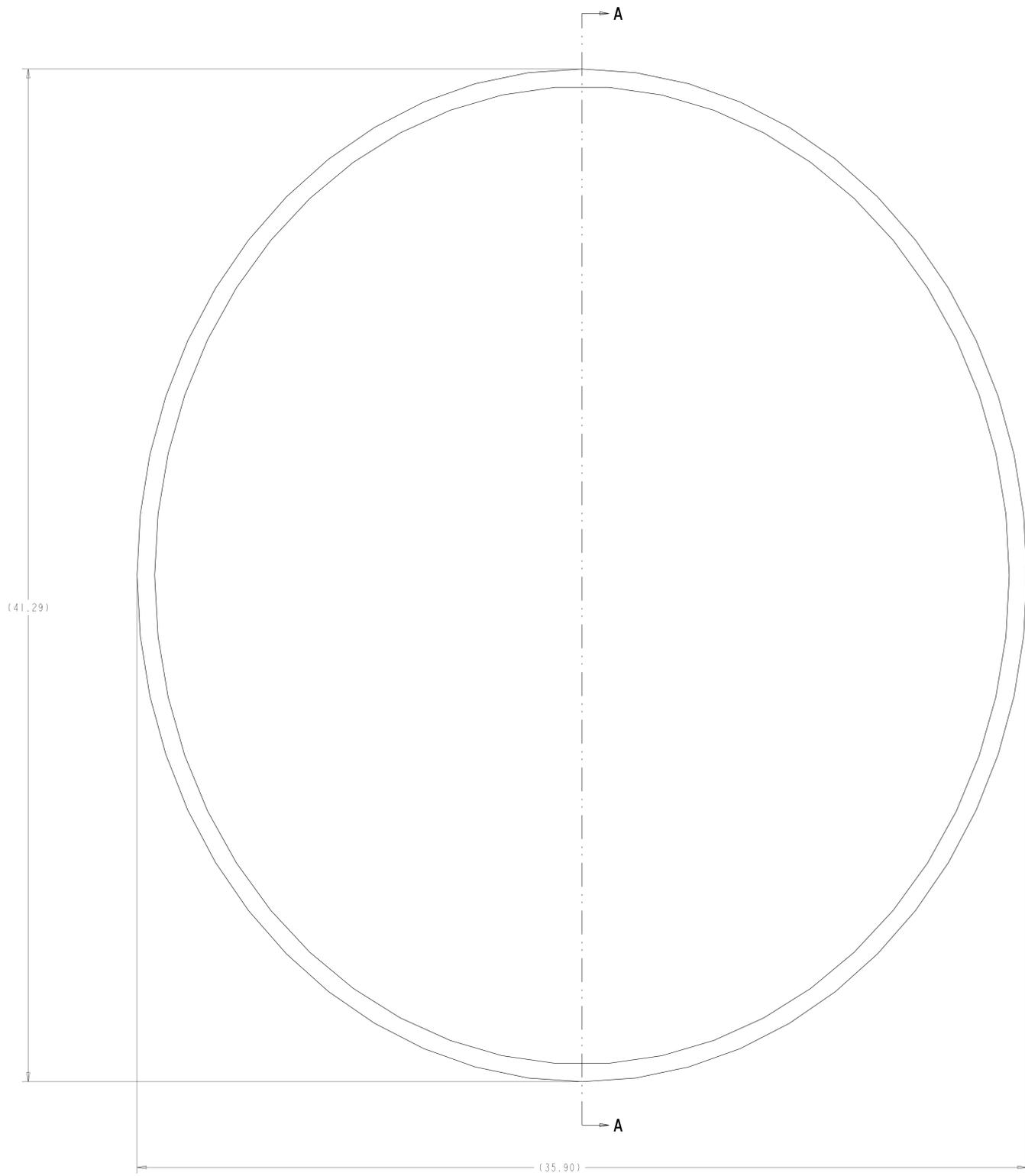
- NOTES:
1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M.
 2. DIMENSION ARE IN INCHES.
 3. REQUIREMENTS FOR FABRICATING THE VACUUM VESSEL END SEAL ARE DEFINED IN THE DRAWINGS, MODELS, AND STATEMENT OF WORK NCSX-SOW-121-02.
 4. GEOMETRY OF FLANGE IS DEFINED IN CAD MODELS/FILES SE1203-016.PRT.
 5. MATERIAL SHALL BE UNS N06625 AND MEET THE REQUIREMENTS OF ASTM B 443.
 6. GEOMETRY IS A 60° ELLIPSE WITH A MAJOR DIA OF 41.29 AND A MINOR DIA OF 135.90.



DETAIL X
 SCALE: 4.00



SECTION A-A



**RELEASED FOR
 FABRICATION / INSTALLATION**
 PPPL Drafting:

next assy	AR	CAGE CODE	-1	END PIECE SEAL	INCONEL	UNS N06625	I
			PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
SE1203-007							
NEXT ASSEMBLY				PARTS LIST			

SCALE: .50

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
1	PER ECN#4882 GENERAL REVISION	GHJ	7/27/04	MJC								

SCALE AS NOTED	DES: P. L. GORANSON 27MAR04
TOLERANCES UNLESS OTHERWISE SPECIFIED	DRW: G. FORTIER 28MAR04
FRACTIONS	CHK: G. LOVETT 6APR04
XX DECIMALS ± .01	SECT:
XXX DECIMALS ± .005	DEPT:
ANGLES ± 0°15'	PE:
BREAK SHARP EDGES .06 MAX	CR:
FINISH .125 UNLESS OTHERWISE SPECIFIED	PJ:
	RD:
	PPPL DRFT: J. SIEGEL 7/27/04
	VERSION NO.:
	0
	PLANT X-10
	BLDG 5700
	FL 3
	SHT 1
	OF 1
	TYPE D
	CLASS U
	RELEASE LEVEL
	Fabrication
	REV 1

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

NATIONAL COMPACT STELLARATOR EXPERIMENT

VACUUM VESSEL JOINT R&D END PIECE SEAL DETAIL

SE1203-016

H
G
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C
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SE1203-016