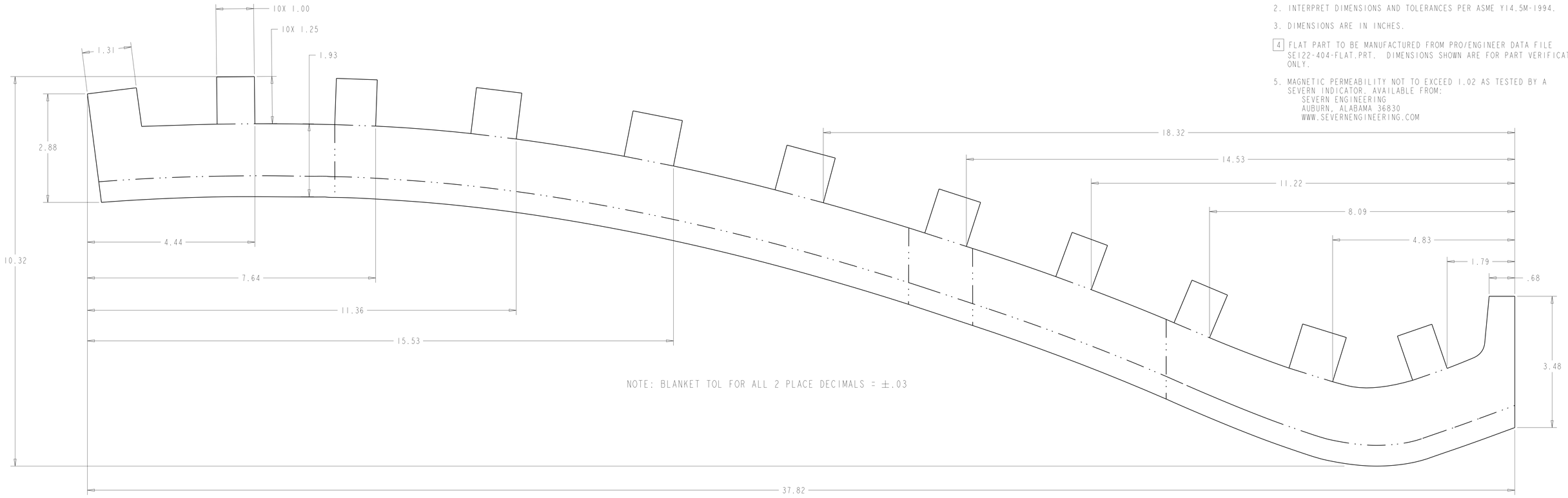
NEXT ASS'Y: | FINAL ASS'Y:

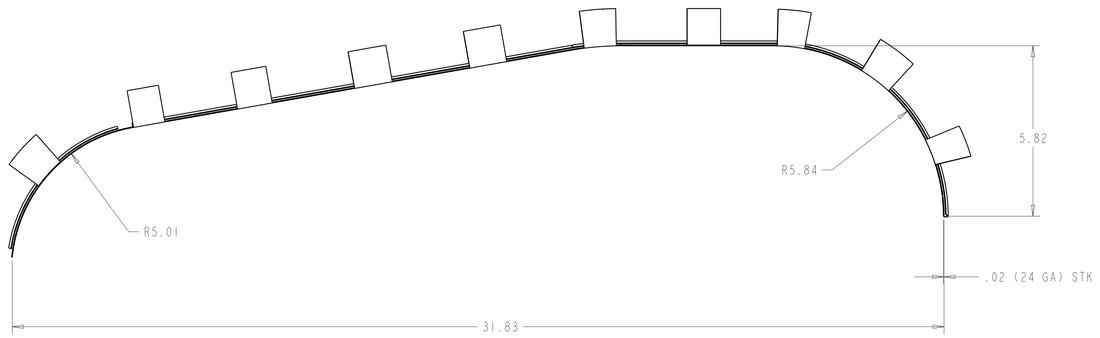
NOTES

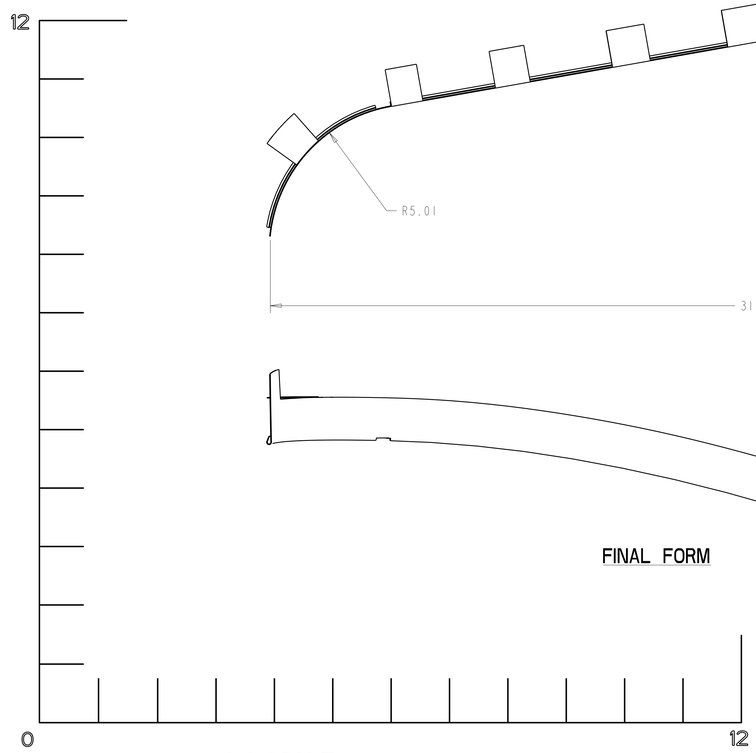
1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2004.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
3. DIMENSIONS ARE IN INCHES.
4. FLAT PART TO BE MANUFACTURED FROM PRO/ENGINEER DATA FILE SE122-404-FLAT.PRT. DIMENSIONS SHOWN ARE FOR PART VERIFICATION ONLY.
5. MAGNETIC PERMEABILITY NOT TO EXCEED 1.02 AS TESTED BY A SEVERN INDICATOR. AVAILABLE FROM:
   SEVERN ENGINEERING
   AUBURN, ALABAMA 36830
   WWW.SEVERNENGINEERING.COM



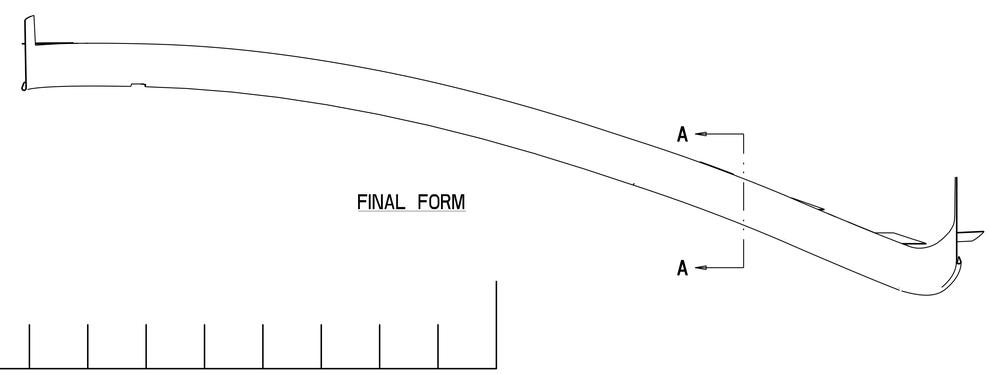
NOTE: BLANKET TOL FOR ALL 2 PLACE DECIMALS = ±.03

FLAT PATTERN WITH BEND LINES [4]
SCALE 1.00

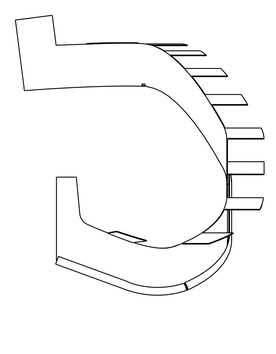


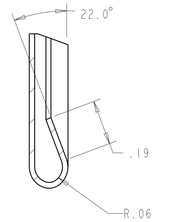


1:1 SCALE
AT FULL SIZE

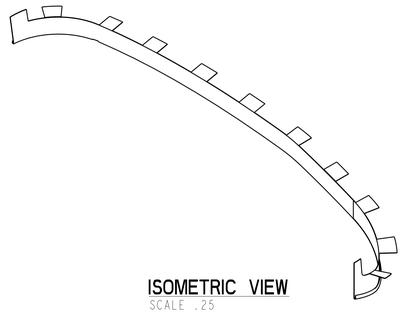


FINAL FORM





SECTION A-A
SCALE 4.00



ISOMETRIC VIEW
SCALE .25

-1 PORT 12 SEAL CUFF RIGHT SIDE [4]
SCALE .50

[4]	AR		-1	PROT 12 SEAL CUFF RIGHT SIDE	24 GA (.02 THK) 316L SST	ASTM A240	1
SE122-401-1	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
	NEXT ASSEMBLY		PARTS LIST			

SE122-404

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
0	ORIGINAL ISSUE	GWM	01/07	SP		01/07						
	REVISION OR ISSUE PURPOSE	REVISION APPROVAL										

SCALE NOTED
TOLERANCES UNLESS OTHERWISE SPECIFIED
FRACTIONS :
XX DECIMALS ±.03
XXX DECIMALS ±.005
ANGLES ±0°15'
BREAK SHARP EDGES .06 MAX
FINISH 125 UNLESS OTHERWISE SPECIFIED

DRAWING APPROVALS		DATE
DES	PL GORANSON	01/07
DRW	GW MCGINNIS	01/07
CHK	S PARSON	01/07
SECT	:	:
DEPT	:	:
PE	:	:
CR	:	:
PJ	:	:
REQ	:	:
PPPL DRFT	J SIEGEL	01/07
	:	:
	:	:

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

PORT 12 SEAL CUFF RIGHT SIDE

VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS
4+	ORNL	5700	3	1 1	S	U

RELEASE LEVEL: WIP
SE122-404
REV 0

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