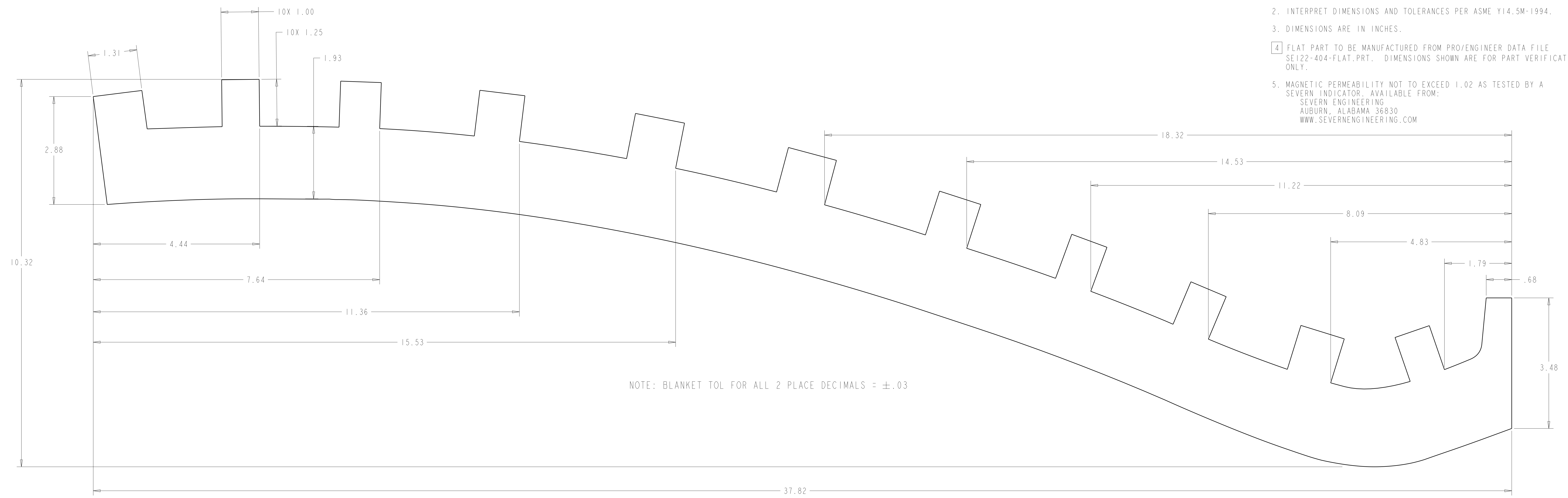
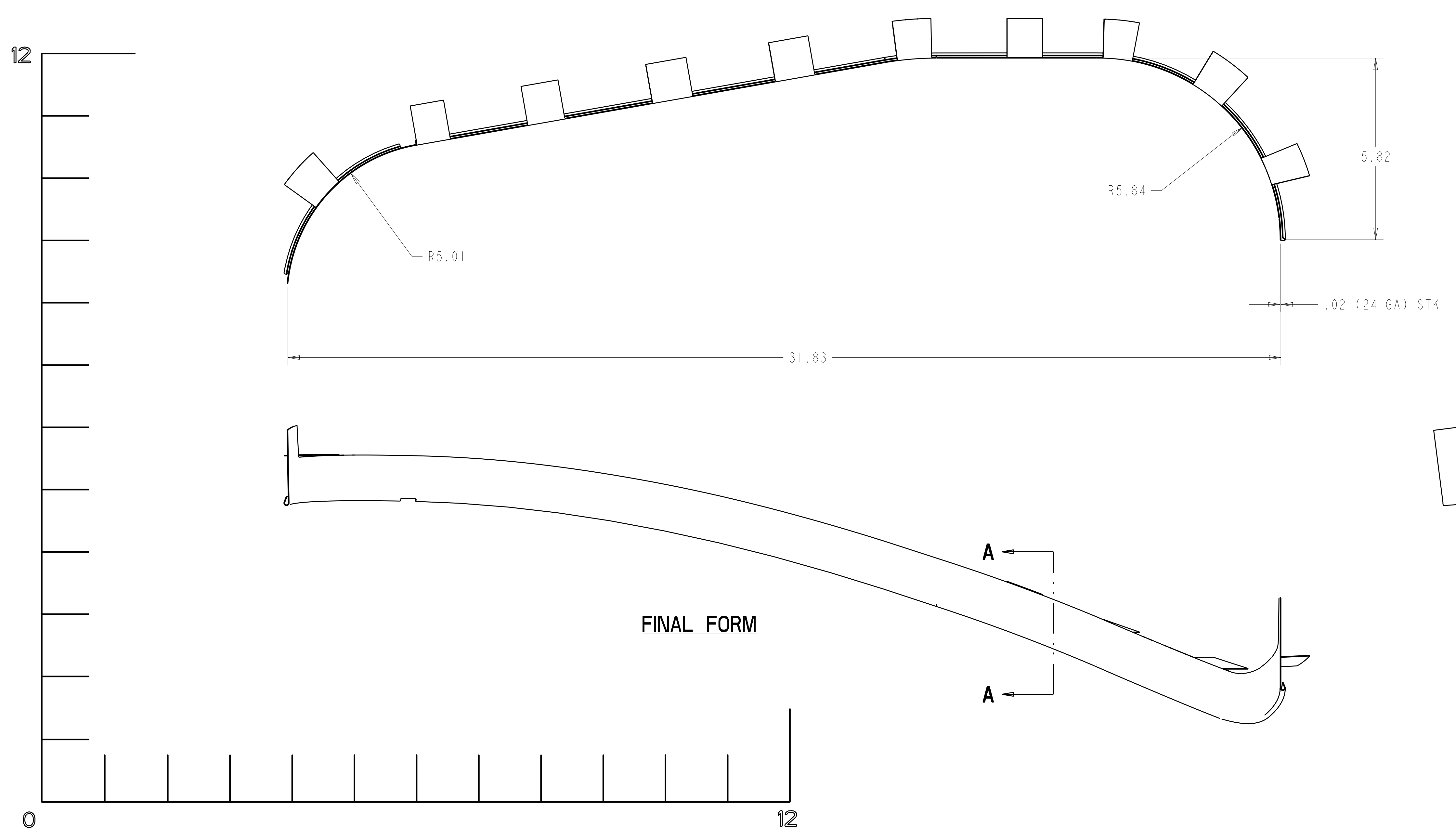


- NOTES
- DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2004.
  - INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
  - DIMENSIONS ARE IN INCHES.
  - FLAT PART TO BE MANUFACTURED FROM PRO/ENGINEER DATA FILE SE122-404-FLAT.PRT. DIMENSIONS SHOWN ARE FOR PART VERIFICATION ONLY.
  - MAGNETIC PERMEABILITY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

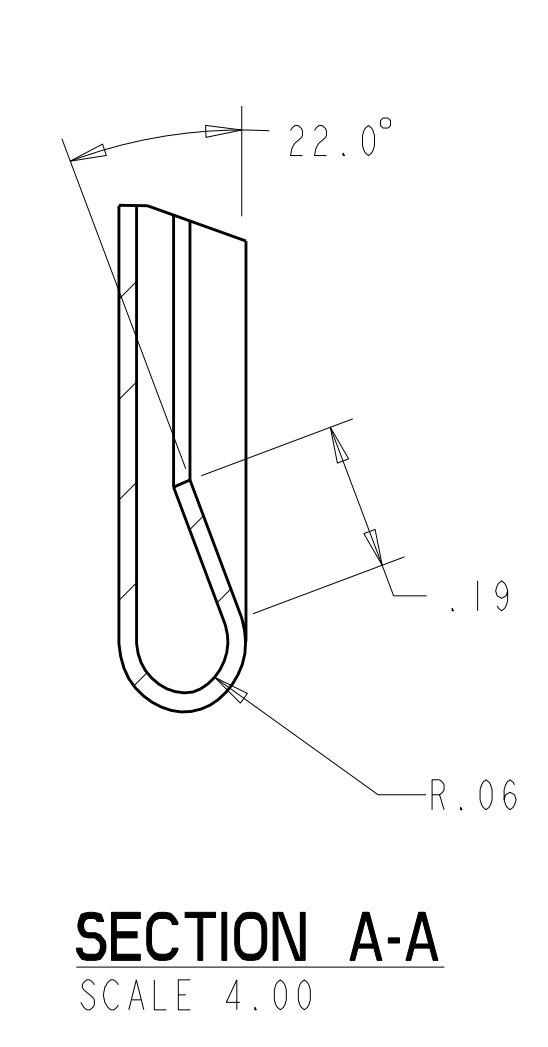


NOTE: BLANKET TOL FOR ALL 2 PLACE DECIMALS = ±.03

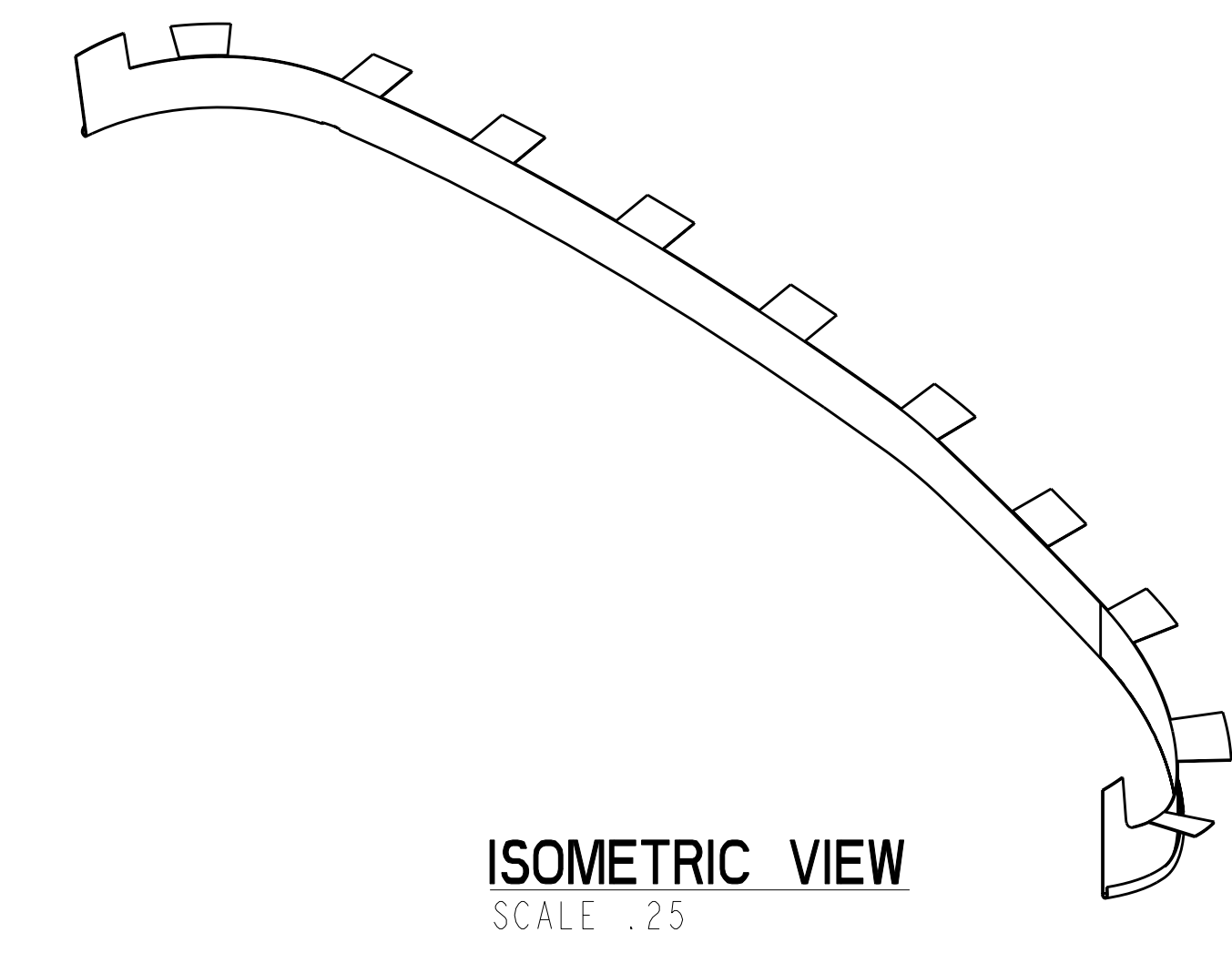
FLAT PATTERN WITH BEND LINES [4]  
SCALE 1.00



1:1 SCALE  
AT FULL SIZE



SECTION A-A  
SCALE 4.00



ISOMETRIC VIEW  
SCALE .25

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

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

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

CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
SE122-404-1	-1	PORT 12 SEAL CUFF RIGHT SIDE	24 GA (.02 THK) 316L SST	ASTM A240	1

← NEXT ASSEMBLY

PARTS LIST

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**P** THIS DRAWING PRODUCED ON PRO-ENGINEER

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

SCALE	NOTED	DES	PL	DRW	CHK	SECT	DEPT	PE	CR	PJ	REQ	FINISH
		PL GORANSON		GW MCGINNIS	S PARSON							

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

RELEASE LEVEL	SEI22-404	REV
Fabrication		0

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**