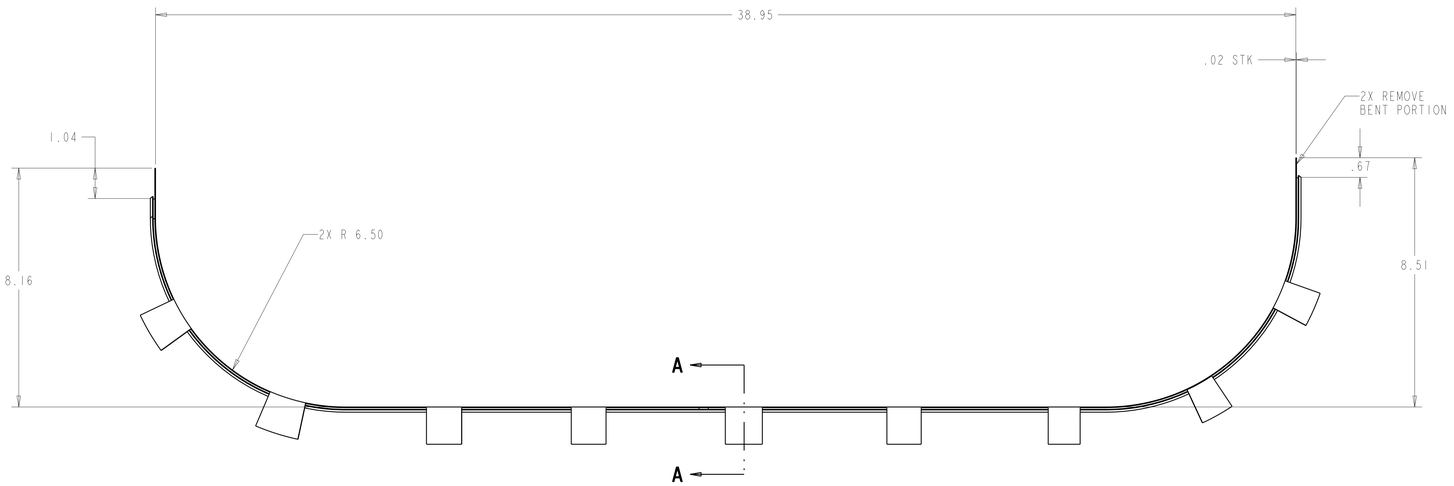
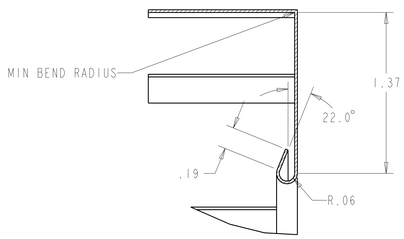
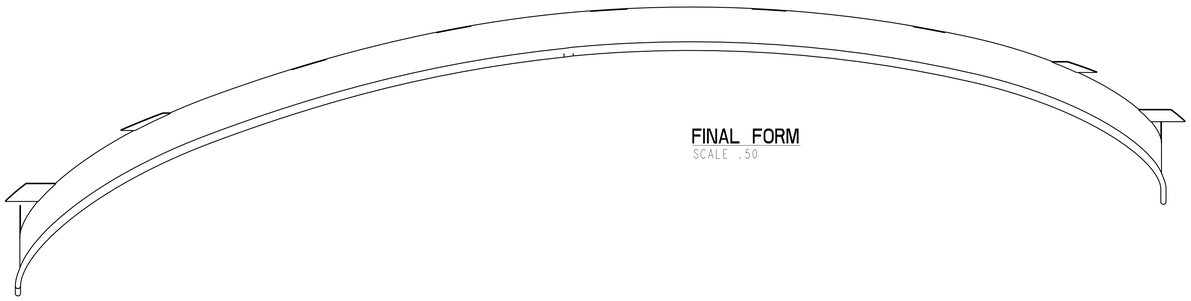




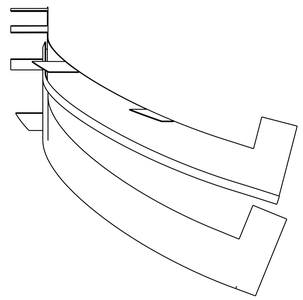
SECTION A-A
SCALE 2.00

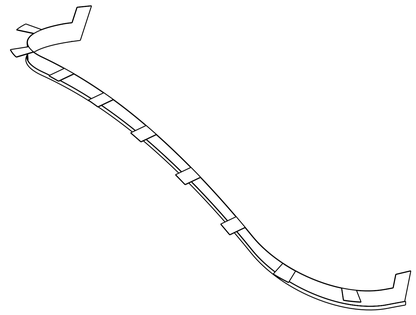
NOTES

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 SE122-407-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



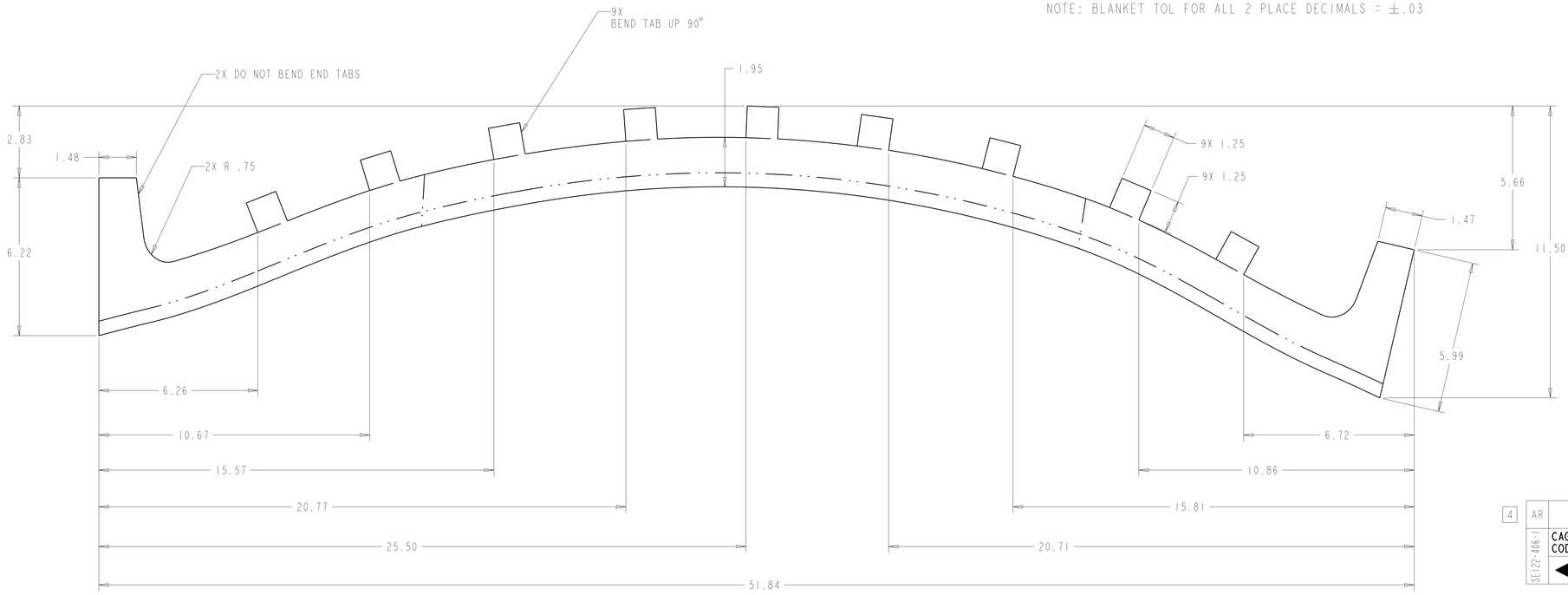
FINAL FORM
SCALE .50

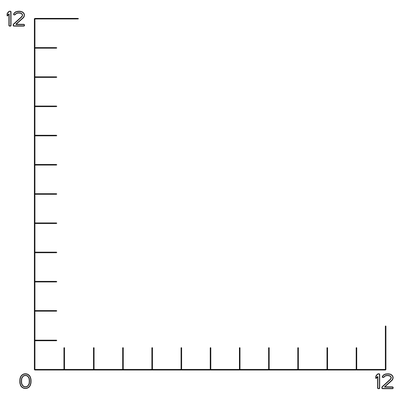




ISOMETRIC VIEW
SCALE .25

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





1:1 SCALE
AT FULL SIZE

FLAT PATTERN AND BEND LINES 4
SCALE .50

4	AR		-1	PORT 4 SEAL CUFF LEFT SIDE	24 GA (.02 THK) 316L SST	ASTM A240	1
	CAGE CODE	NEXT ASSEMBLY	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
			PARTS LIST				

SE122-407-1

-1 PORT 4 SEAL CUFF LEFT SIDE 4
SCALE .50

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
0	ORIGINAL ISSUE	MTB	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

DES	P GORANSON	01/07
DRW	MT BROWN	01/07
CHK	S PARSON	01/07
SECT	:	:
DEPT	:	:
PE	:	:
CR	:	:
PJ	:	:
REQ	:	:
PPPL DRFT	J SIEGEL	01/07
	:	:
	:	:

DRAWING APPROVALS — DATE

UT-BATTELLE
Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-000R22725
UT-BATTELLE, LLC. Oak Ridge, Tennessee

PROJECT NAME: NATIONAL COMPACT STELLARATOR EXPERIMENT

PORT 4 SEAL CUFF LEFT SIDE

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

RELEASE LEVEL: WIP — SE122-407 — REV 0

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P THIS DRAWING PRODUCED ON PRO-ENGINEER