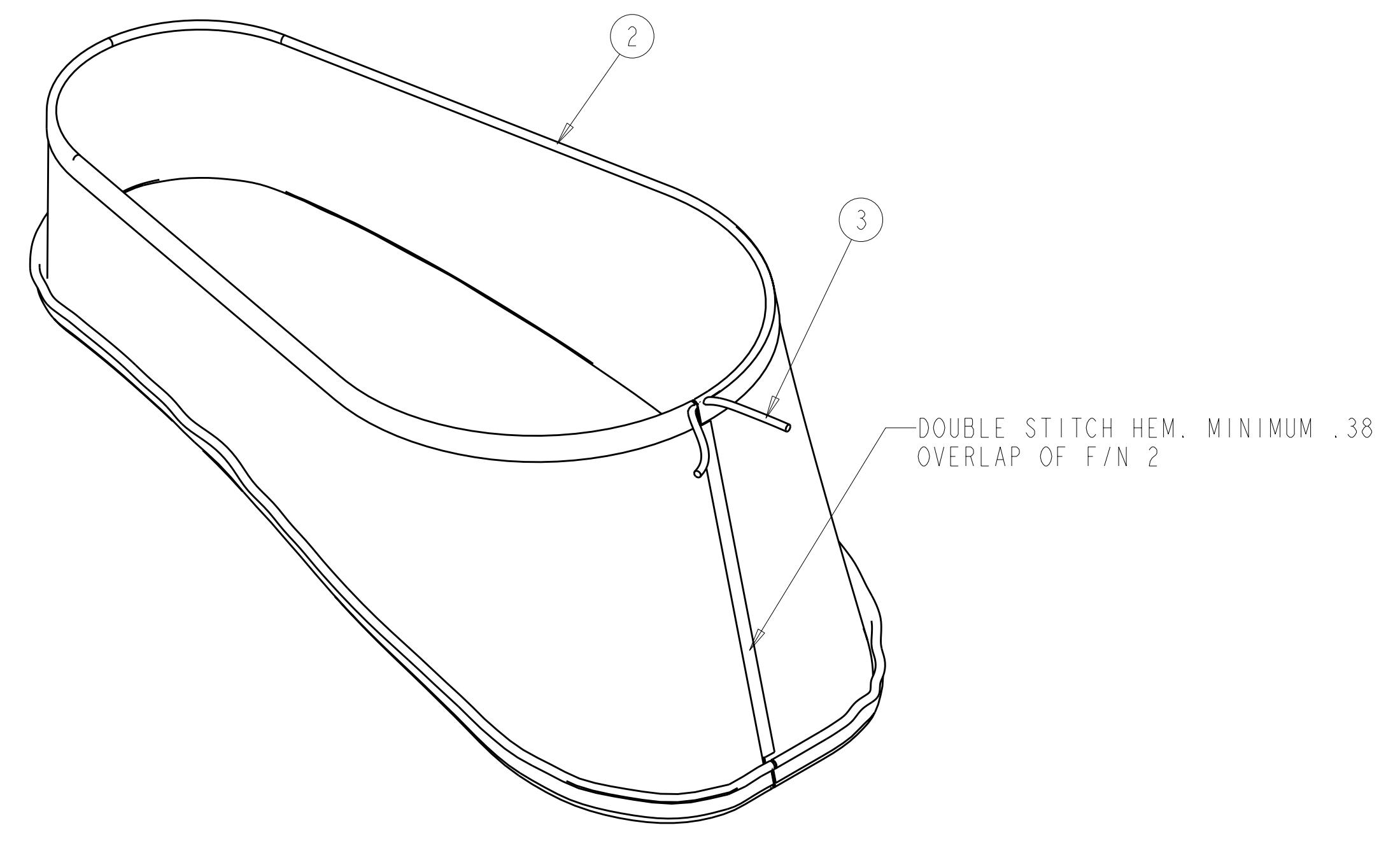
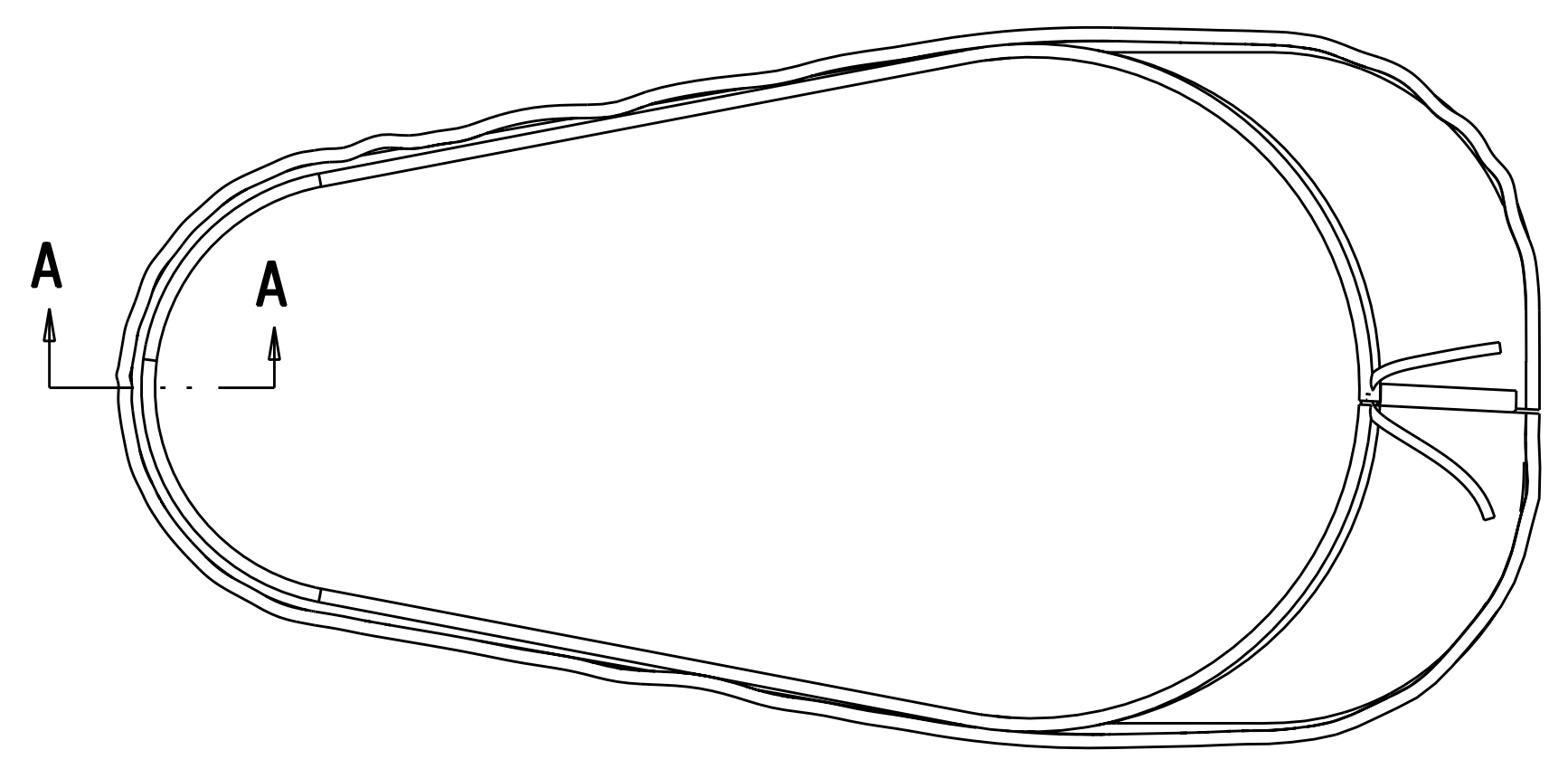
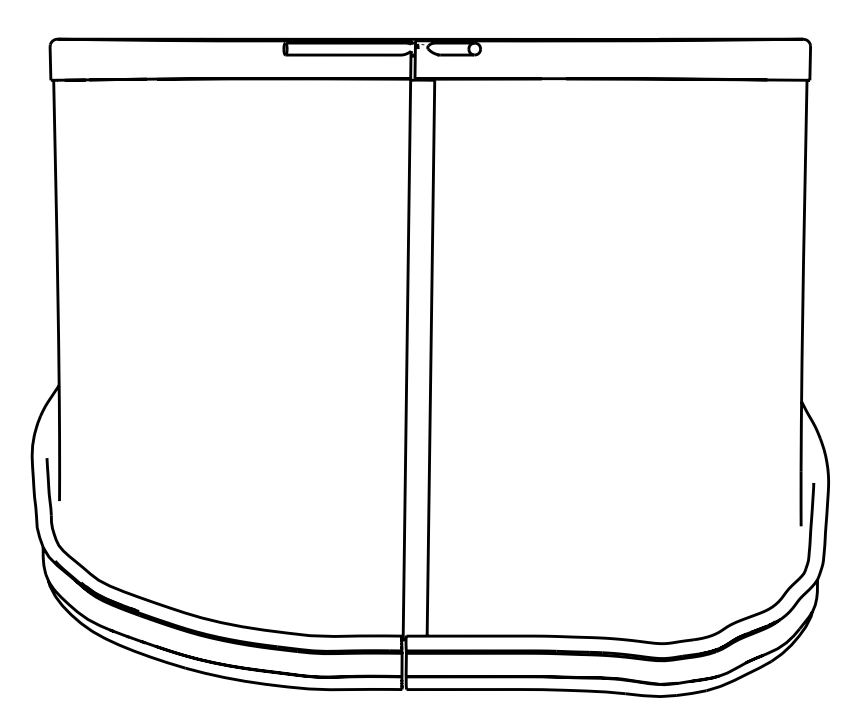
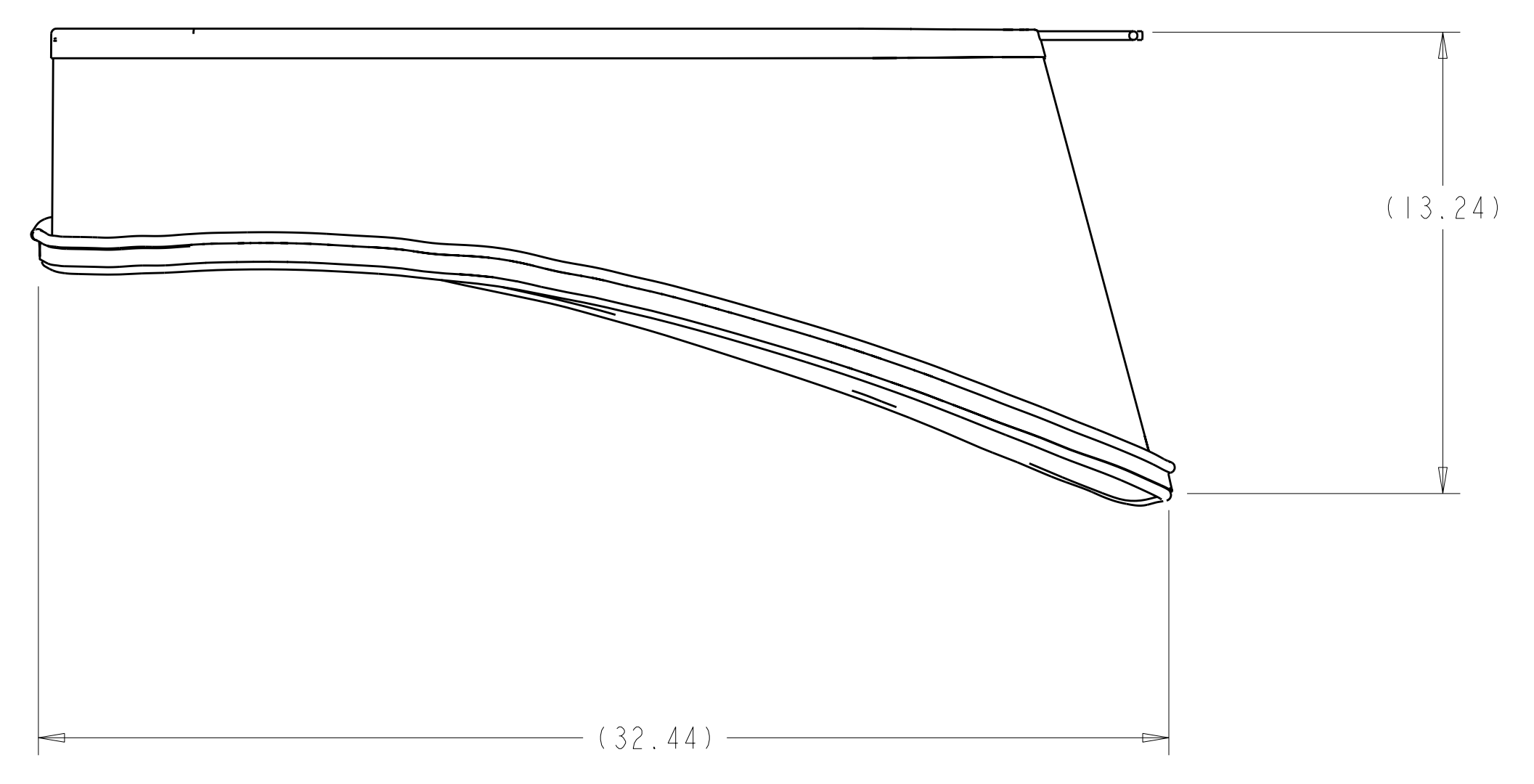


- NOTES
- DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2004.
  - INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
  - DIMENSIONS ARE IN INCHES
  - FLAT PATTERNS TO BE CREATED FROM FULL SIZE PLOT. VERIFY PLOT SIZE WITH 1:1 SCALE GRAPH PROVIDED ON DRAWING.
  - FLAT PATTERNS SHALL MATCH FULL SIZE PLOT WITHIN +/- .06.

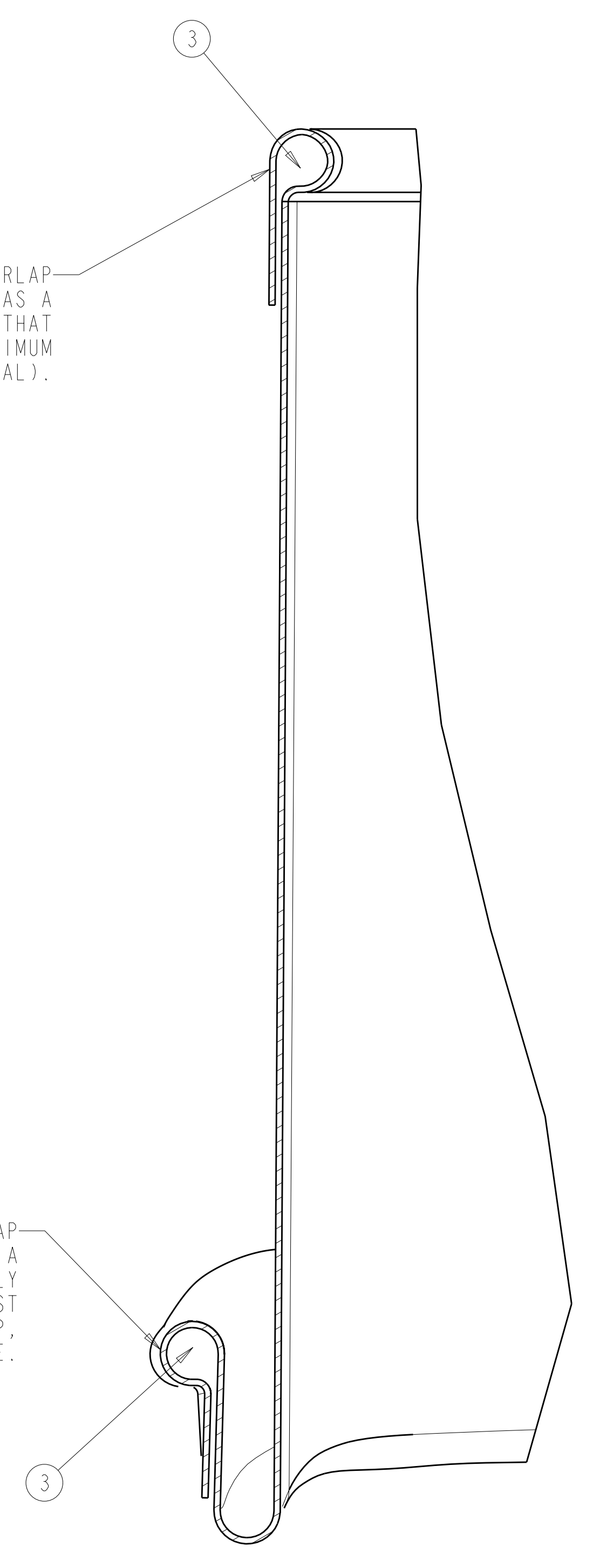


ISOMETRIC VIEW

F/N 2 - DOUBLE STITCH HEM WITH MINIMUM .38 OVERLAP ENCLOSE WITHIN HEM  $\varnothing$ .25 ROPE, F/N 3, TO ACT AS A GASKET. PROVIDE HOLE THRU THE HEM SO THAT THE ENDS OF THE DRAW STRING EXTEND A MINIMUM OF 6" PER LEAD (12" TOTAL).



F/N 2 - DOUBLE STITCH HEM WITH MINIMUM .38 OVERLAP ENCLOSE WITHIN HEM  $\varnothing$ .25 ROPE, F/N 3, TO ACT AS A GASKET. THE ENDS OF THE ROPE MUST BE COMPLETELY ENCLOSED WITHIN THE HEM BUT MAY NOT OVERLAP, CREATING A BULGE.



SECTION A-A  
SCALE 2.00

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

**-1 PORT 12 SEAL BOOT ASSEMBLY**  
SCALE .25

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

CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
AR	-3	$\varnothing$ .25 ROPE		NCSX-PRL-12-001	3
4	1	PORT 12 SEAL BOOT CONE		NCSX-PRL-12-001	2
AR	-1	PORT 12 SEAL BOOT ASSEMBLY			1

**PARTS LIST**

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

SCALE NOTED	DES PL GORANSON 01/07	<b>UT-BATTELLE</b> 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 <b>NATIONAL COMPACT STELLARATOR EXPERIMENT</b> <b>PORT 12 SEAL BOOT ASSEMBLY</b>
TOLERANCES UNLESS OTHERWISE SPECIFIED	DRW G MCGINNIS 01/07	
FRACTIONS	CHK S. PARSON 01/07	
XX DECIMALS ±.01	DEPT :	
XXX DECIMALS ±.005	FE :	VERSION NO. 6
ANGLES ±0°15'	CR :	PLANT ORNL
BREAK SHARP EDGES OR MAX FINISH .125 UNLESS OTHERWISE SPECIFIED	PJ :	BLDG 5700
	RD :	FL 3
	PPPL DRFT J SIEGEL 01/07	SHT 1
	REVISION APPROVAL	OF 2
		TYPE A
		CLASS U
		REV 0

8

7

6

5

4

3

2

1

NEXT ASS'Y:

FINAL ASS'Y:

H

H

G

G

F

F

E

E

D

D

C

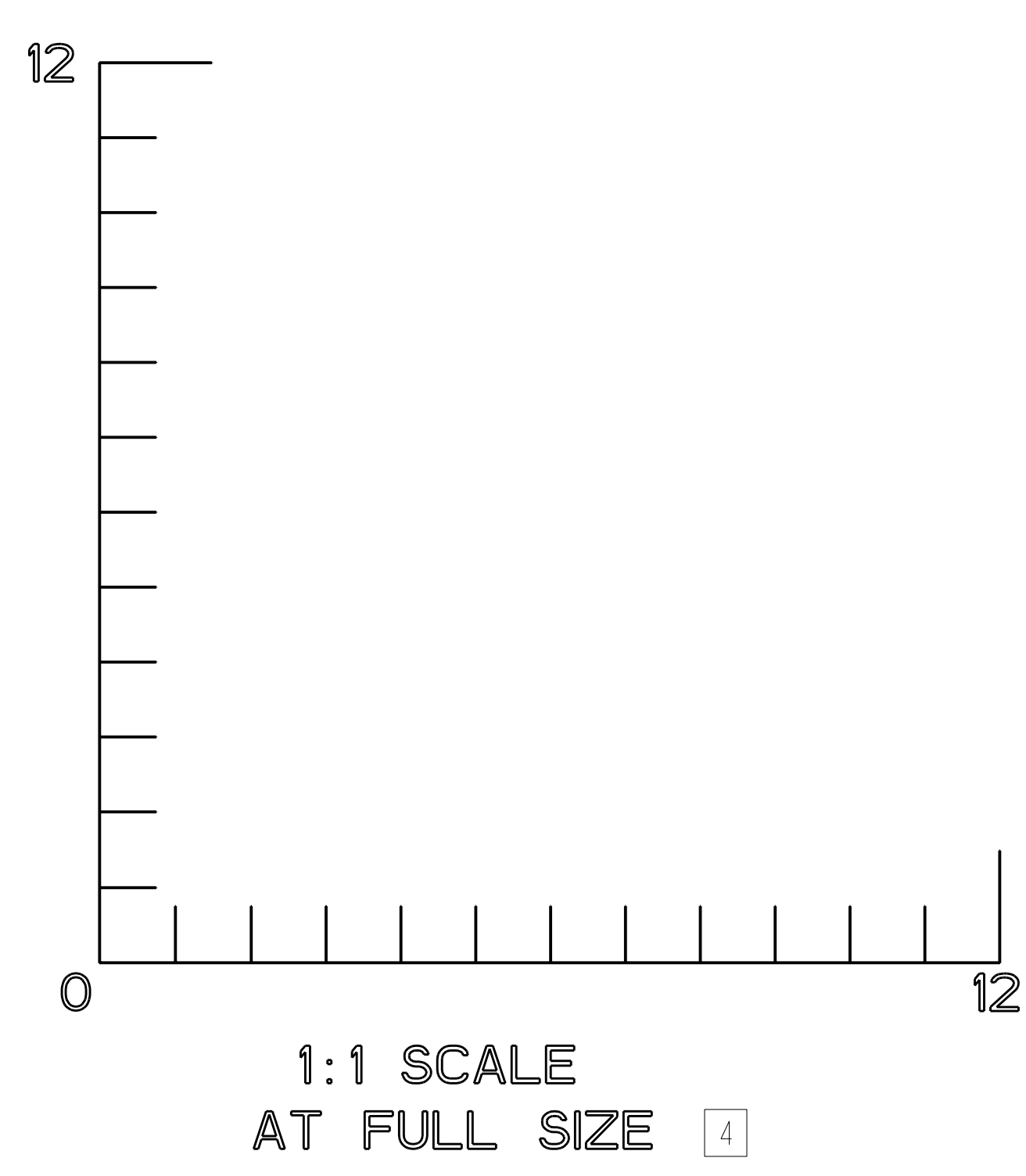
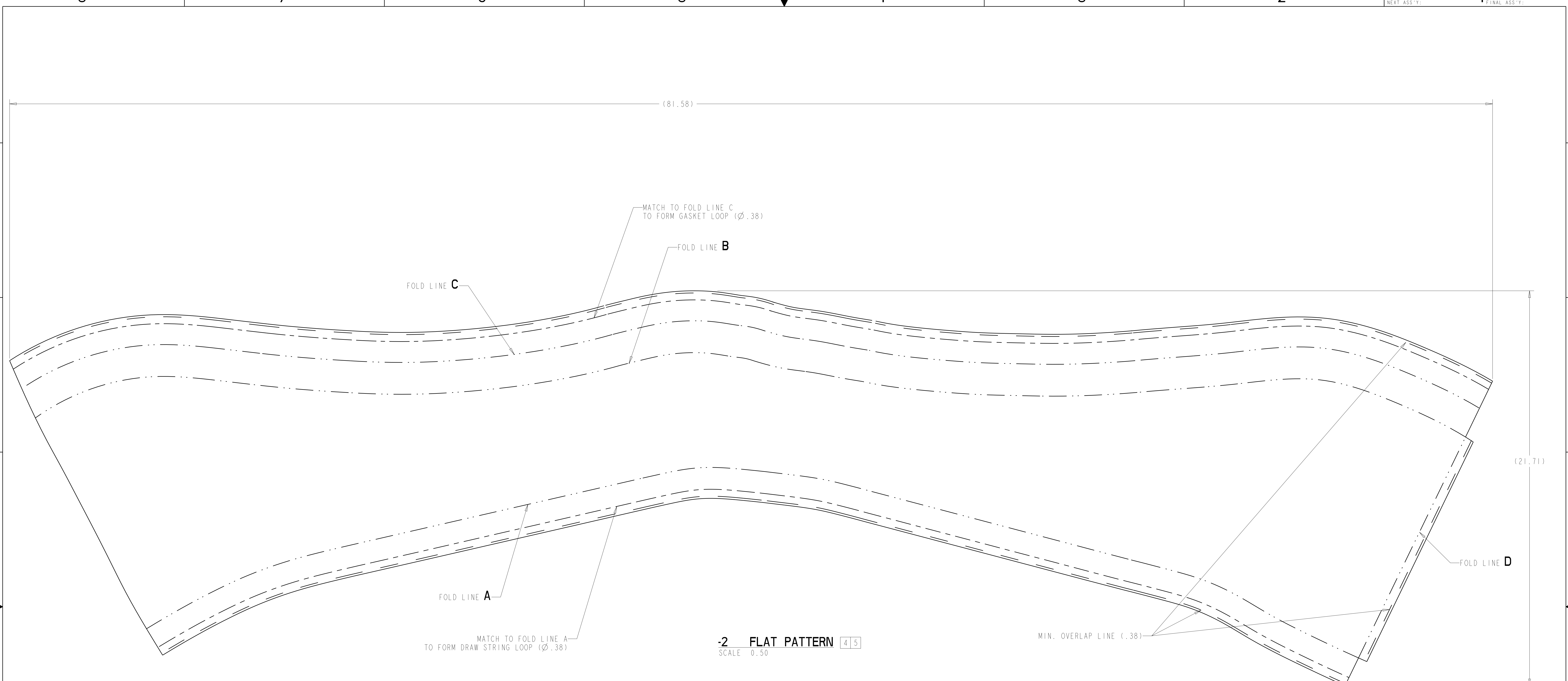
C

B

B

A

A



**RELEASED FOR  
FABRICATION / INSTALLATION**

PPPL Drafting:

Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC. Oak Ridge, Tennessee									
<b>UT-BATTELLE</b>									
PROJECT NAME <b>NATIONAL COMPACT STELLARATOR EXPERIMENT</b>									
<b>PORT 12 SEAL BOOT ASSEMBLY</b>									
VERSION NO. 6	PLANT ORNL	BLDG 5700	FL 3	SHT OF 2	TYPE 2	CLASS A	REV U		
RELEASE LEVEL Fabrication		SE122-405						REV 0	

8

7

6

5

4

3

2

1