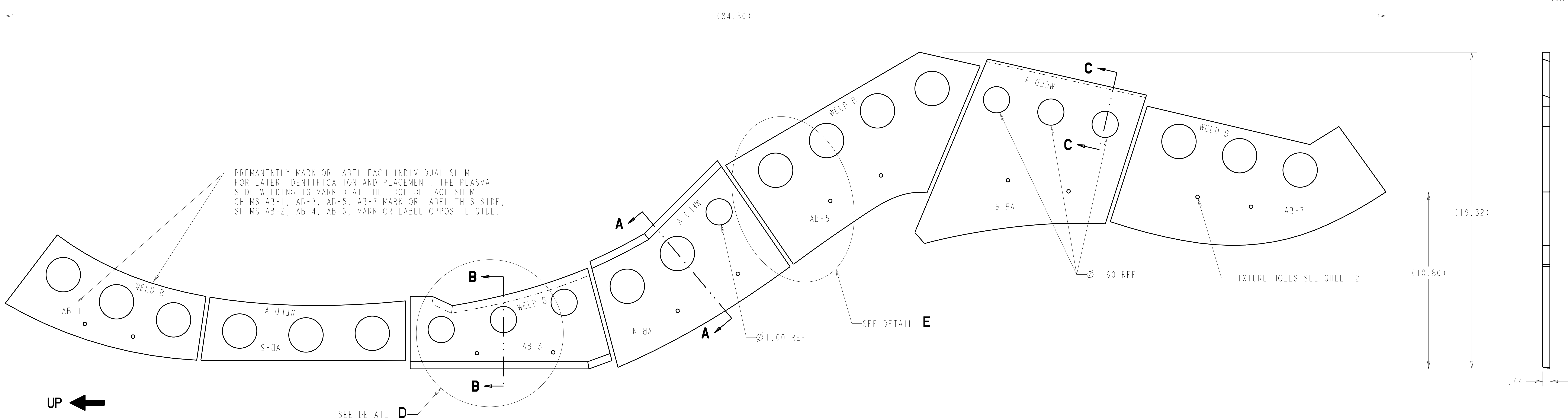
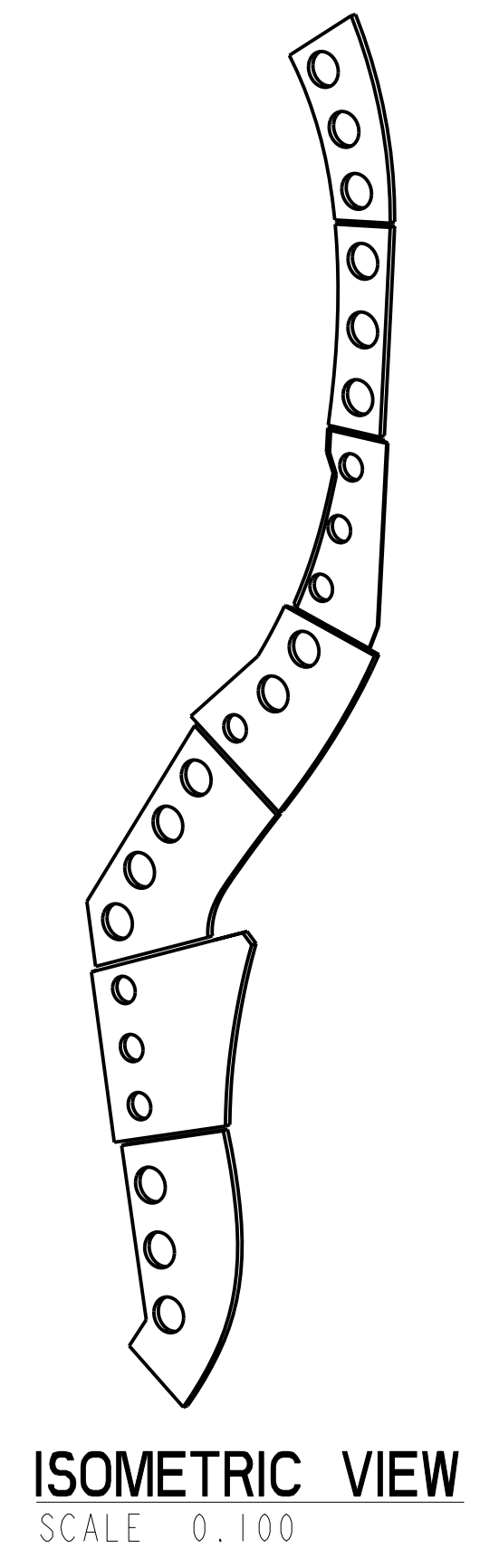
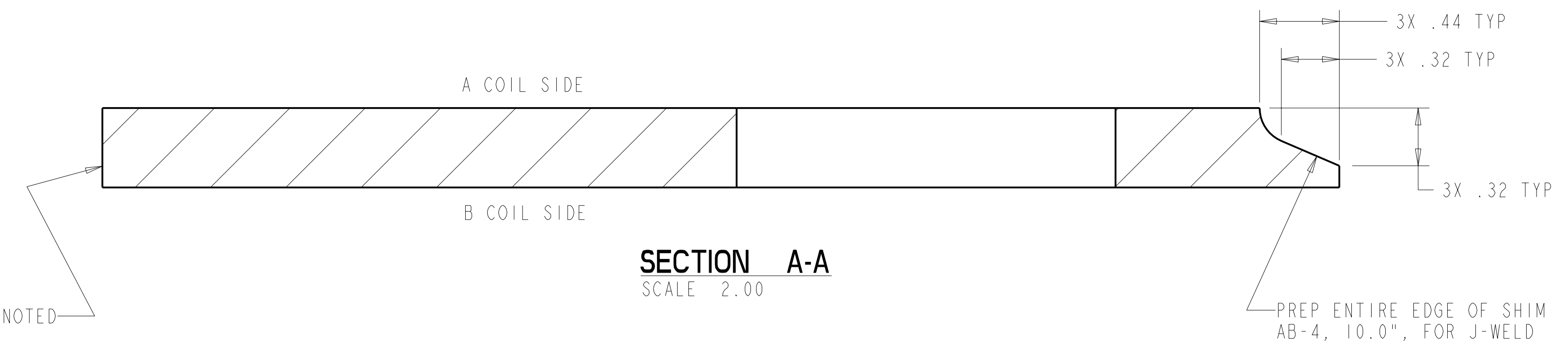
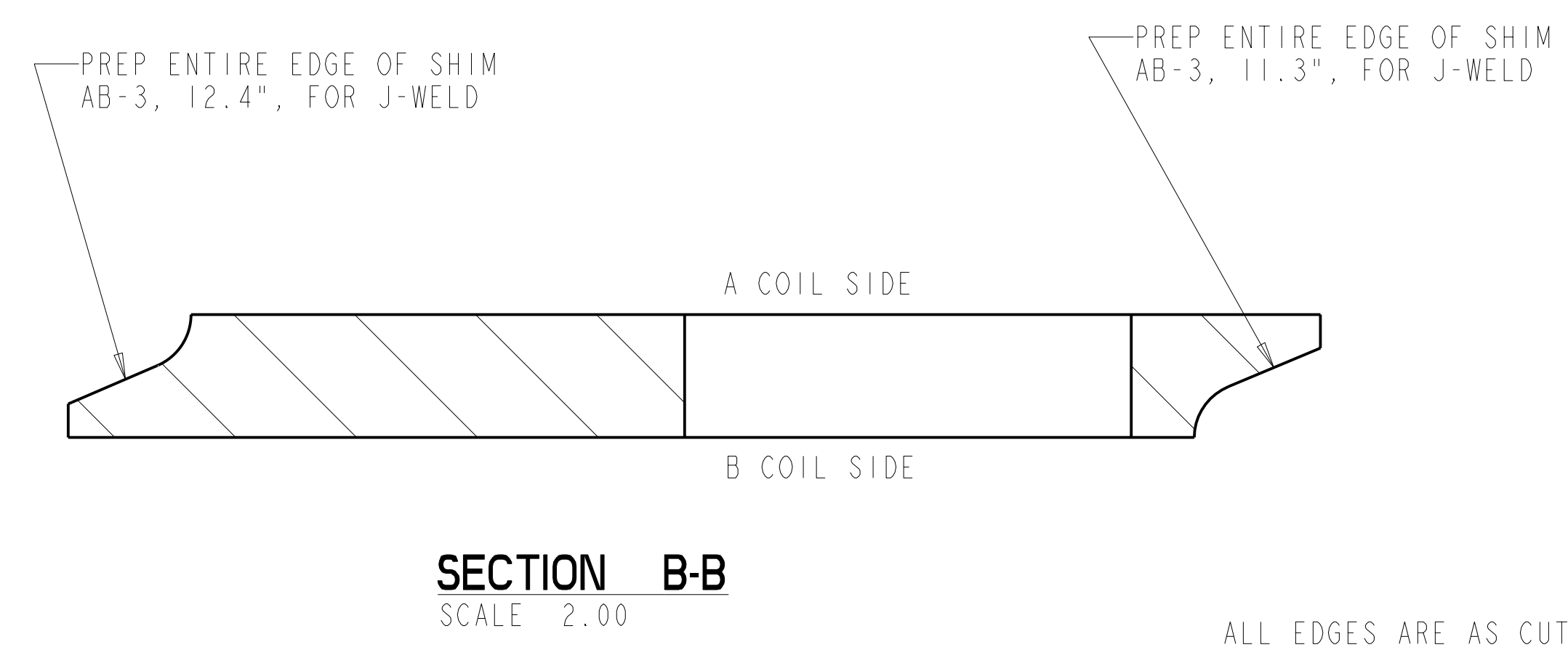
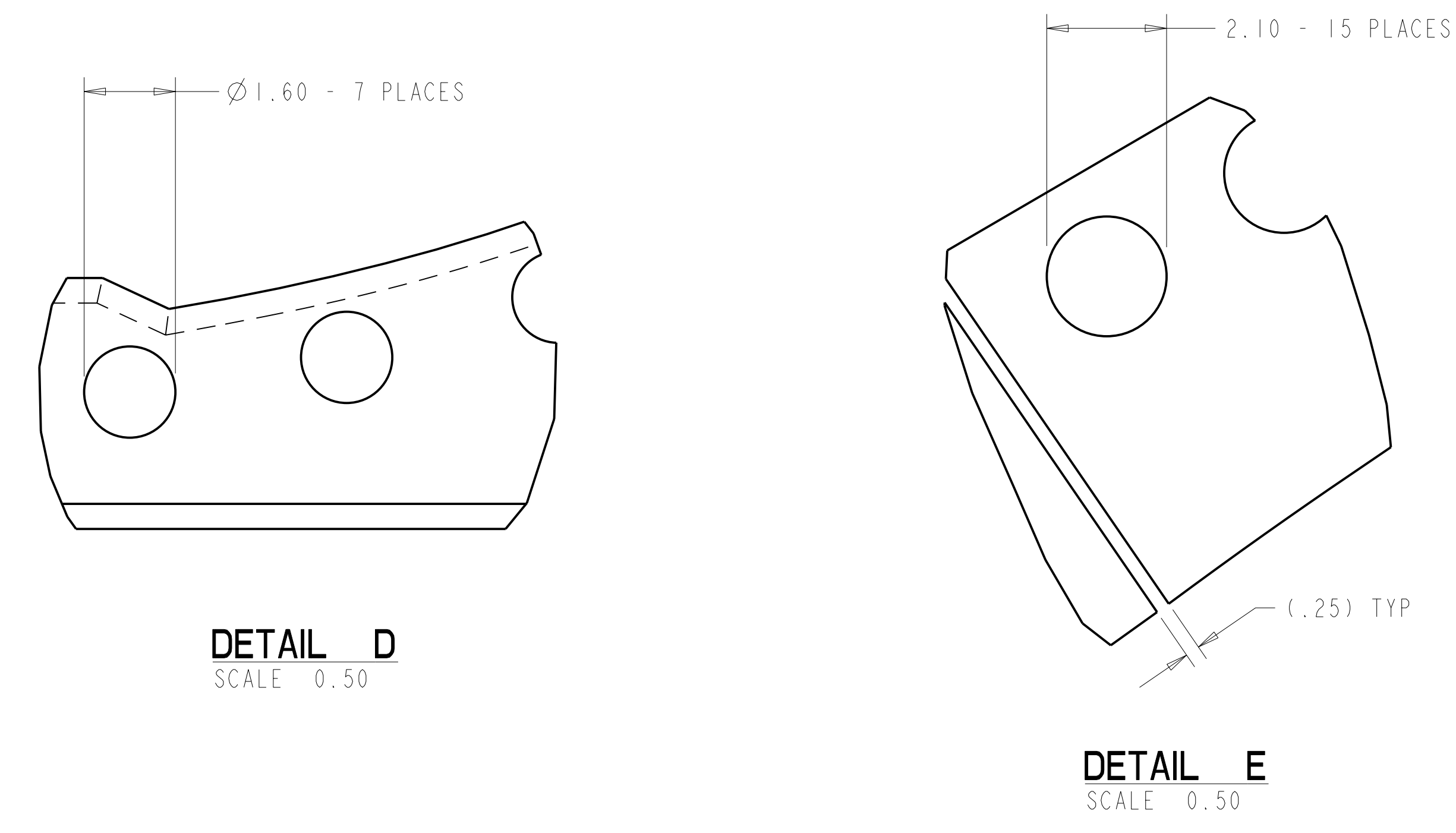
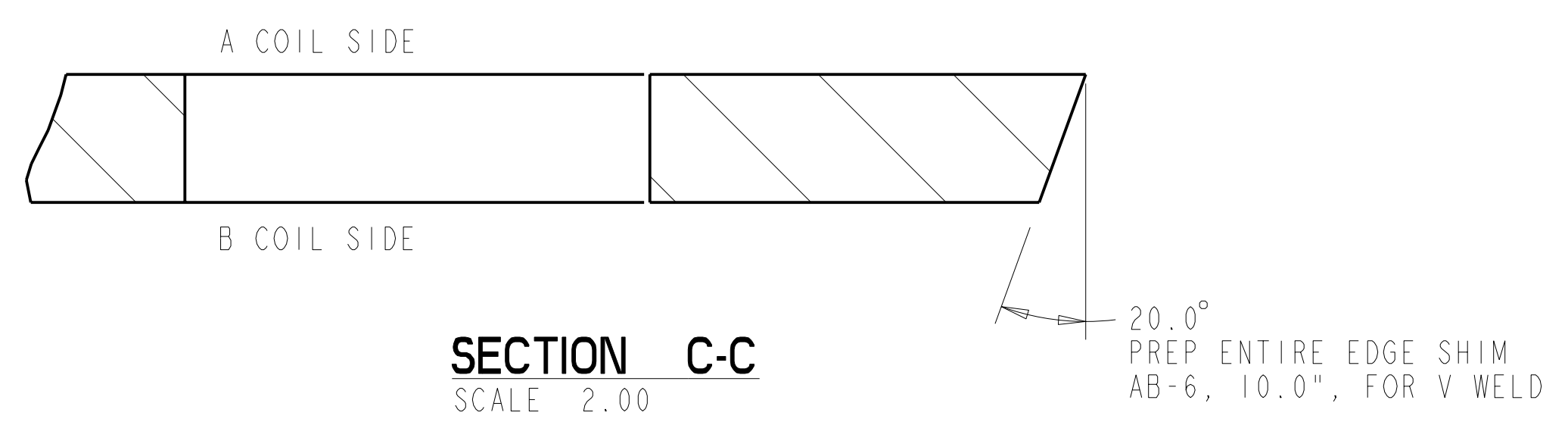


- NOTES
- DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2004.
 - INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
 - DIMENSIONS ARE IN INCHES
 - MAGNETIC PERMEABILITY NOT TO EXCEED 1.02 AS TESTED BY A SEVERN INDICATOR. AVAILABLE FROM:
SEVERN ENGINEERING
AUBURN, ALABAMA 36830
WWW.SEVERENGINEERING.COM
 - SHIMS TO BE ANNEALED AFTER ALL CUTTING AND GRINDING IF PERMEABILITY SPEC IN NOTE 4 IS NOT MET
 - SHIMS MAY BE FIELD TRIMMED AS REQUIRED
 - COMPLETED PARTS TO BE CLEAN AND FREE OF ANY OIL, DEBRIS, OR CONTAMINATES.



-1 AB INBOARD SHIM
SCALE 0.40

NOTE: PART TO BE CUT FROM FULL SIZE TEMPLATE CREATED BY DXF FILE SE140-052.DXF, SEE SHEET 2.

AR	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
SE140-003	-1	AB INBOARD SHIM	316L ANNEALED	ASTM A240		

← NEXT ASSEMBLY

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting

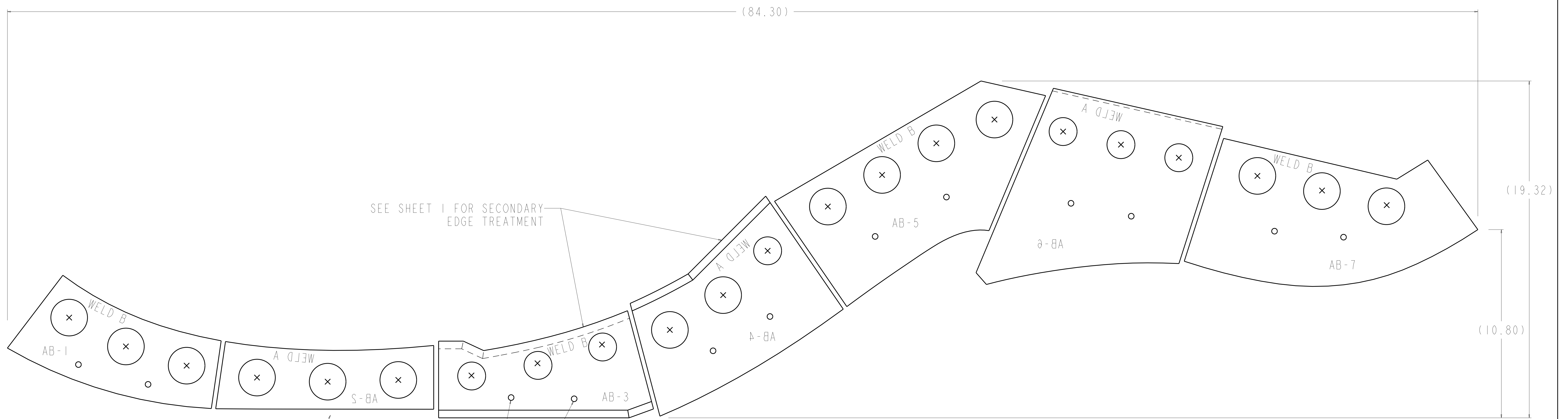
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P THIS DRAWING PRODUCED ON PRO-ENGINEER

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
0	ORIGINAL ISSUE	SH	01/08	MC		01/08						

SCALE NOTED	DES D WILLIAMSON	01/2008
TOLERANCES UNLESS OTHERWISE SPECIFIED	DRW S HOMESCU	01/2008
FRACTIONS	CHK M COLE	01/2008
XX DECIMALS ±.01	DEPT :	
XXX DECIMALS ±.005	PE :	
ANGLES ±0°15'	CR :	
BREAK SHARP EDGES OR MAX	PJ :	
FINISH .125 UNLESS OTHERWISE SPECIFIED	REQ :	
	PPPL DRFT J SIEGEL	01/2008
	REVISION APPROVALS	DATE

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			
A-B INBOARD SHIM			
VERSION NO.	PLANT	BLDG	FL
25	ORNL	5700	3
REVISION	TYPE	CLASS	U
1	S	2	U
RELEASE LEVEL		SE140-052	
Fabrication		REV 0	



FIXTURE HOLES MAY NOT BE LOCATED INSIDE PERIMETER OF NARROW SHIMS. VENDOR OPTION TO FIXTURE WITH OTHER METHODS.

2 FIXTURE HOLES PER SHIM, Ø.31 DIA, MAY BE LOCATED APPROXIMATELY IN AREAS SHOWN AS REQUIRED.

NOTE: PART SIZE AND HOLE LOCATIONS MUST NOT DEVIATE FROM DXF FILE BY MORE THAN $\pm .03$

FULL SIZE TEMPLATE - CREATED FROM DXF FILE SE140-052.DXF
SCALE 1 : 1

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting

PPPL		PPPL		PPPL	
NATIONAL COMPACT STELLABATOR EXPERIMENT					
A-B INBOARD SHIM					
DATE	APP'D	CHK'D	DRW'G	DATE	APP'D
10/15/05				10/15/05	
Fabrication				SE 140-052	