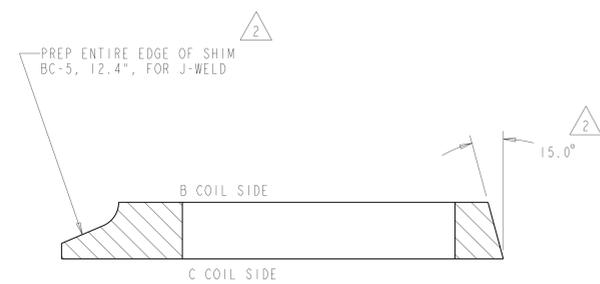
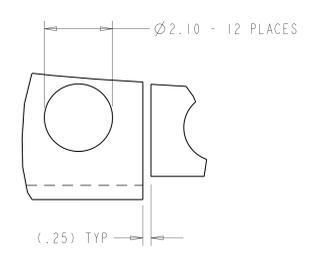


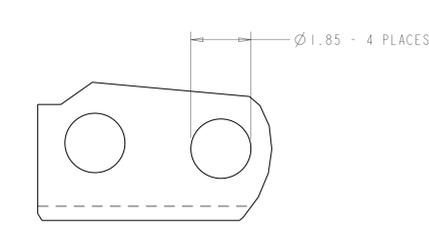
- NOTES
- DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2004.
 - INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
 - DIMENSIONS ARE IN INCHES
 - MAGNETIC PERMEABILITY NOT TO EXCEED 1.02 AS TESTED BY A SEVERN INDICATOR. AVAILABLE FROM:
SEVERN ENGINEERING
AUBURN, ALABAMA 36830
WWW.SEVERENGINEERING.COM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



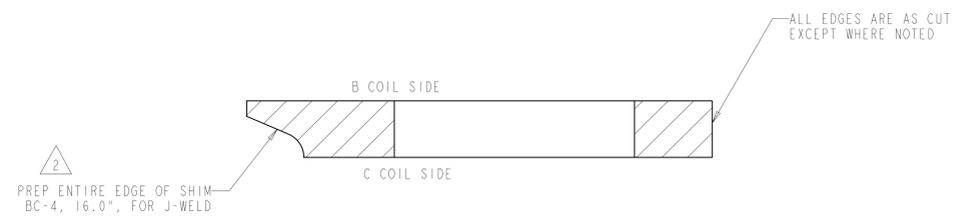
SECTION C-C
SCALE 2.00



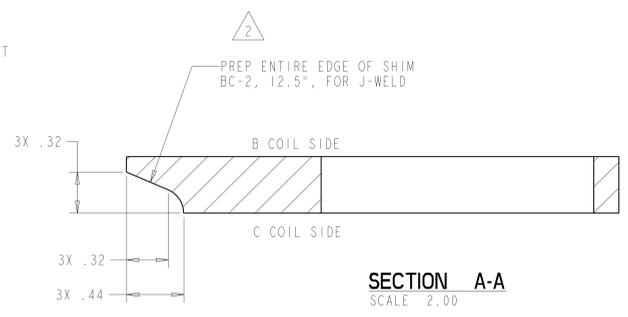
DETAIL E
SCALE 0.50



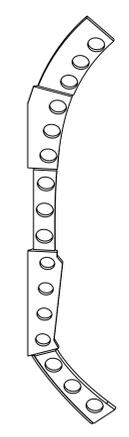
DETAIL D
SCALE 0.50



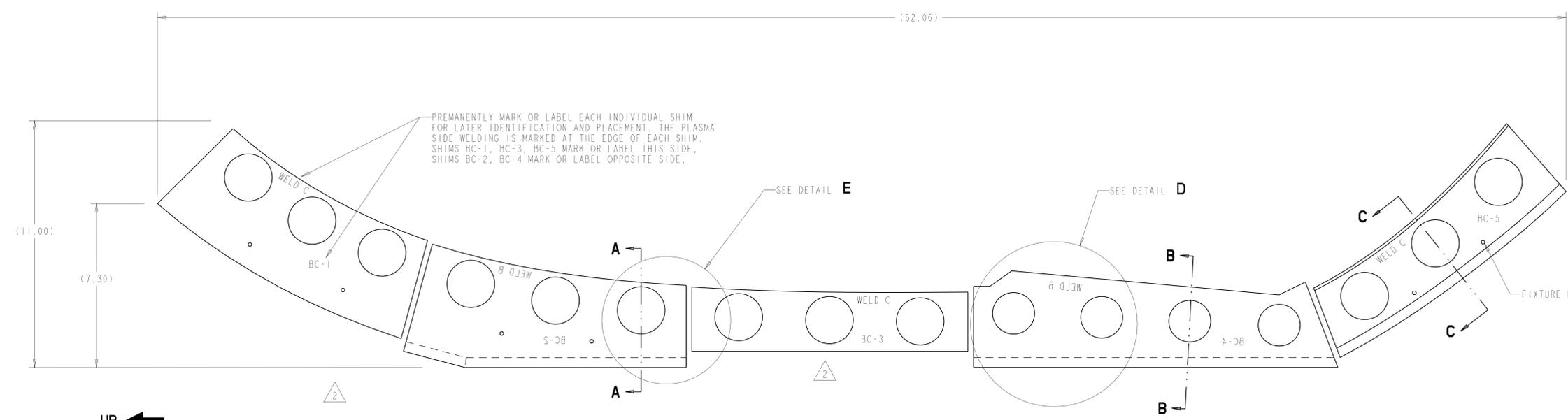
SECTION B-B
SCALE 2.00



SECTION A-A
SCALE 2.00



ISOMETRIC VIEW
SCALE 0.125



-1 BC INBOARD SHEAR PLATE
SCALE 0.50

NOTE: PART TO BE CUT FROM FULL SIZE TEMPLATE CREATED BY DXF FILE SE140-053.DXF, SEE SHEET 2.

AR	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
SE140-046	-1	BC INBOARD SHEAR PLATE	316L ANNEALED	ASTM A240	I	
PARTS LIST						

RELEASED FOR
FABRICATION / INSTALLATION
PPPL Drafting

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

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOC	DATE
2	TO SE140-046, PER ECN # 5332	GM	05/08	MC		05/08						
1	AND J PREPS ON BC-3, CHANGED "NEXT ASSY"											
0	EDGES ON BC-2, BC-4, AND BC-5, DELETED NOTE 8											
0	V WELD PREP TO 15° CHAMFER, ADDED J WELD PREP											
0	SHORTENED BACK EDGE OF BC-5 AND CHANGED											
1	NOTE 8, CHANGED TITLE, PER ECN # 5319	GM	01/08	MC		01/08						
1	ADDED EXTRA MATERIAL TO BC-5, ADDED											
0	ORIGINAL ISSUE	SH	01/08	MC		01/08						

SCALE NOTED	
TOLERANCES UNLESS OTHERWISE SPECIFIED	
FRACTIONS	±.01
XX DECIMALS	±.005
XXX DECIMALS	±.0015
ANGLES	±0.15°
BREAK SHARP EDGES OR MAX	
FINISH	±.025 UNLESS OTHERWISE SPECIFIED

DES	DRW	CHK	SECT	DEPT	PE	CR	PJ	REQ	PPPL	DRFT	DATE
D WILLIAMSON	S HOMESCU	M COLE							J SIEGEL		01/2008

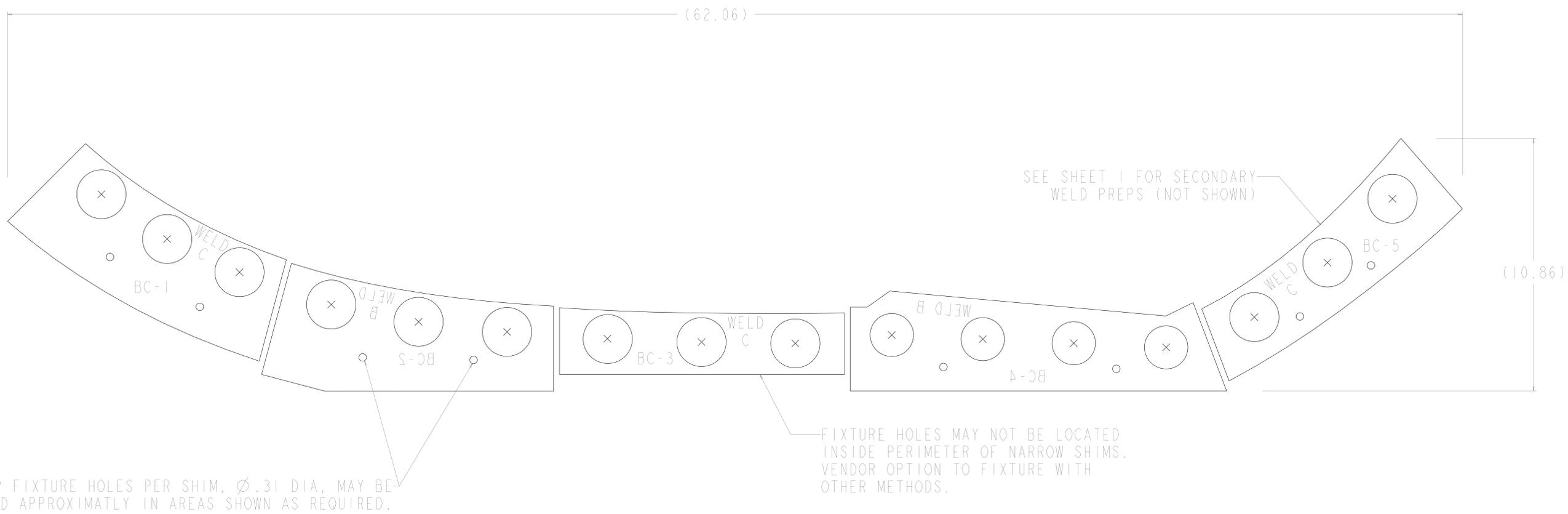
VERSION NO.	PLANT	BLDG	FL	SHT	OF	TYPE	CLASS
2	ORNL	5700	3	1	2	S	U

B-C INBOARD SHEAR PLATE

RELEASE LEVEL	SEI40-053	REV
Fabrication		2

SE140-053

A



FULL SIZE TEMPLATE - CREATED FROM DXF FILE SE140-053.DXF
 SCALE 1 : 1

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

RELEASED FOR
 FABRICATION/INSTALLATION

UT-BATTELLE		Oak Ridge National Laboratory managed by the DEPARTMENT OF ENERGY for the NATIONAL COMPACT STELLARATOR EXPERIMENT	
NATIONAL COMPACT STELLARATOR EXPERIMENT			
B-C INBOARD SHEAR PLATE			
DESIGN NO.	PLANT	BUILD	FL. INT. OR TYPE
SE140-053	ORNL	3	12 2 1 S
DESIGN LEVEL		Fabrication	
SE140-053			