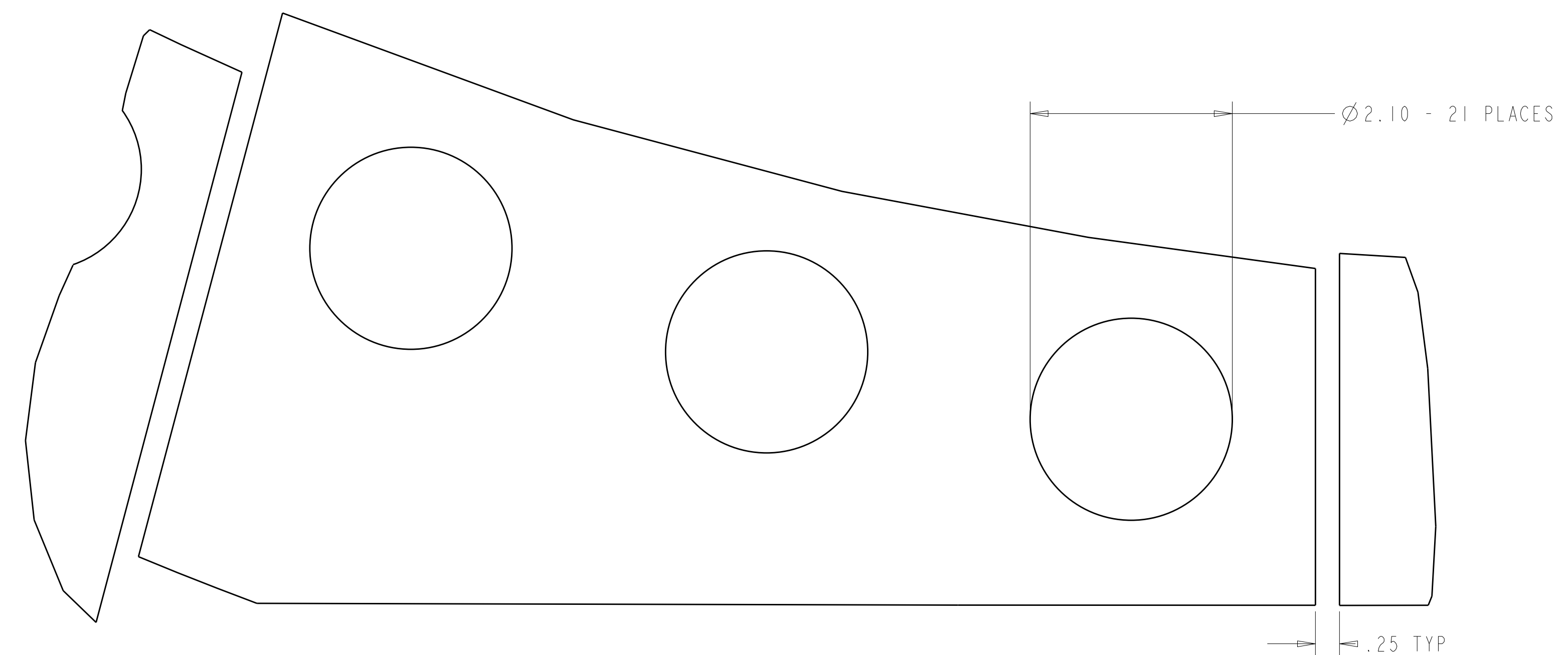
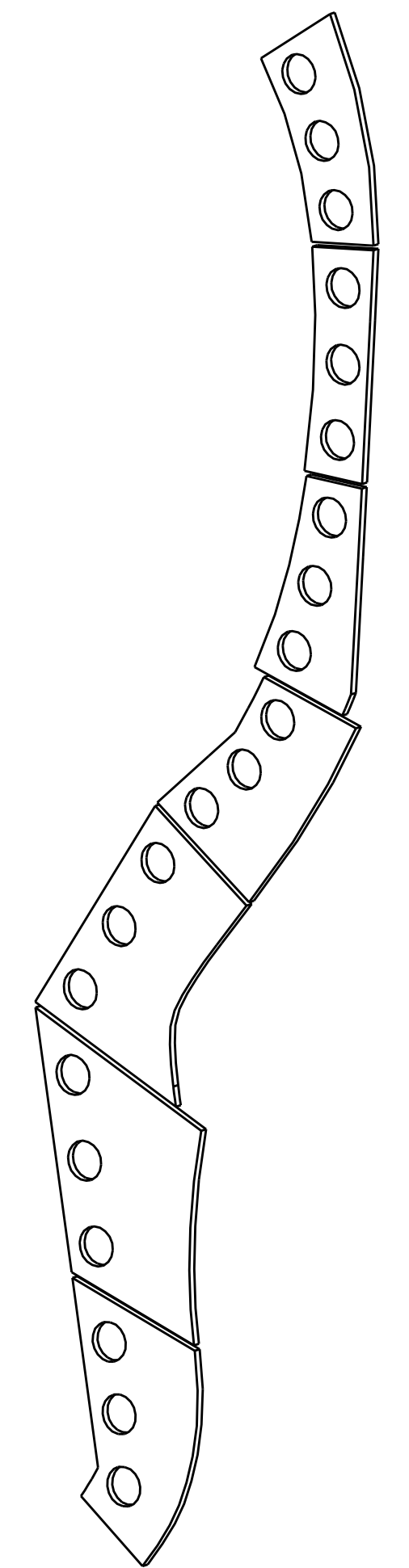


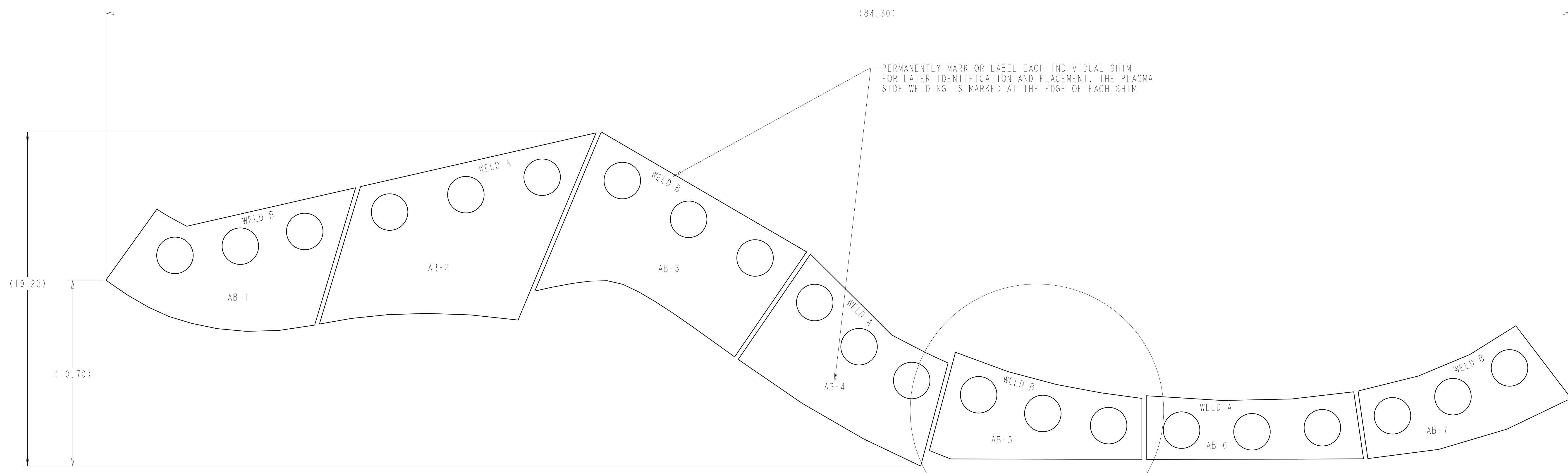
- NOTES
- DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2004.
 - INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
 - DIMENSIONS ARE IN INCHES
 - MAGNETIC PERMEABILITY NOT TO EXCEED 1.02 AS TESTED BY A SEVERN INDICATOR. AVAILABLE FROM:
 SEVERN ENGINEERING
 AUBURN, ALABAMA 36830
 WWW.SEVERNGINEERING.COM
 - SHIMS TO BE ANNEALED AFTER COMPLETING ALL CUTTING AND GRINDING.



DETAIL A
 SCALE 1:000



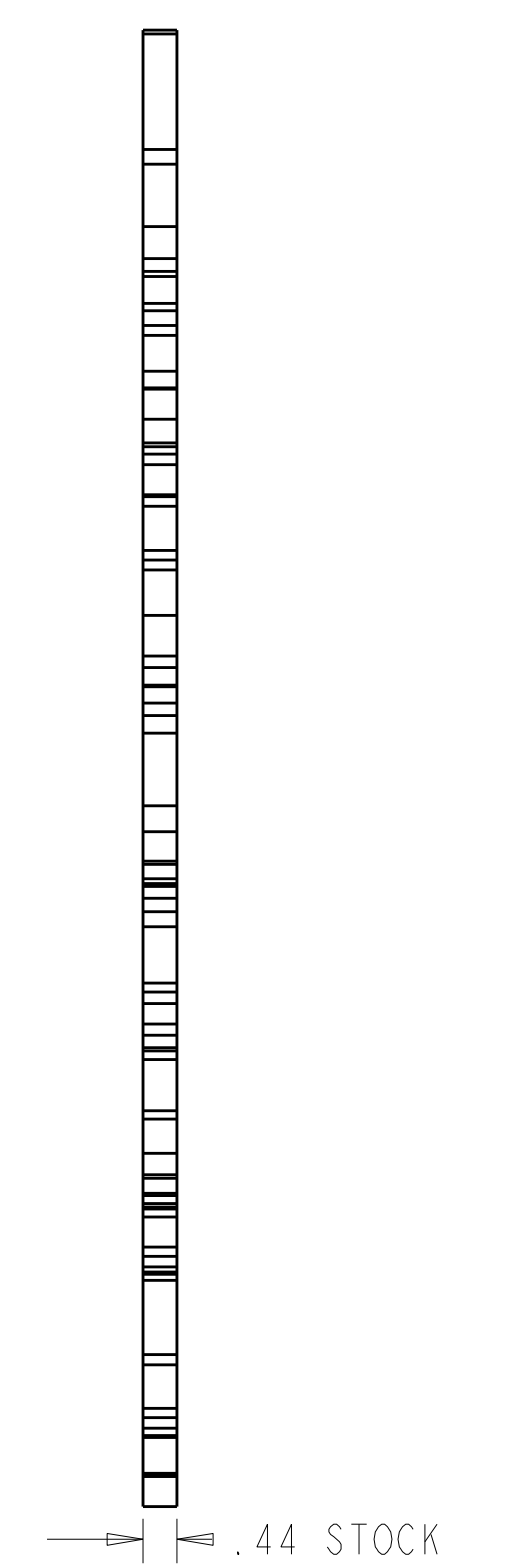
ISOMETRIC VIEW
 SCALE 0.125



PERMANENTLY MARK OR LABEL EACH INDIVIDUAL SHIM FOR LATER IDENTIFICATION AND PLACEMENT. THE PLASMA SIDE WELDING IS MARKED AT THE EDGE OF EACH SHIM

-1 AB INBOARD SHIM
 SCALE 0.40

NOTE: PART TO BE CUT FROM FULL SIZE TEMPLATE, SEE SHEET 2.



PRELIMINARY
 10-25-2007

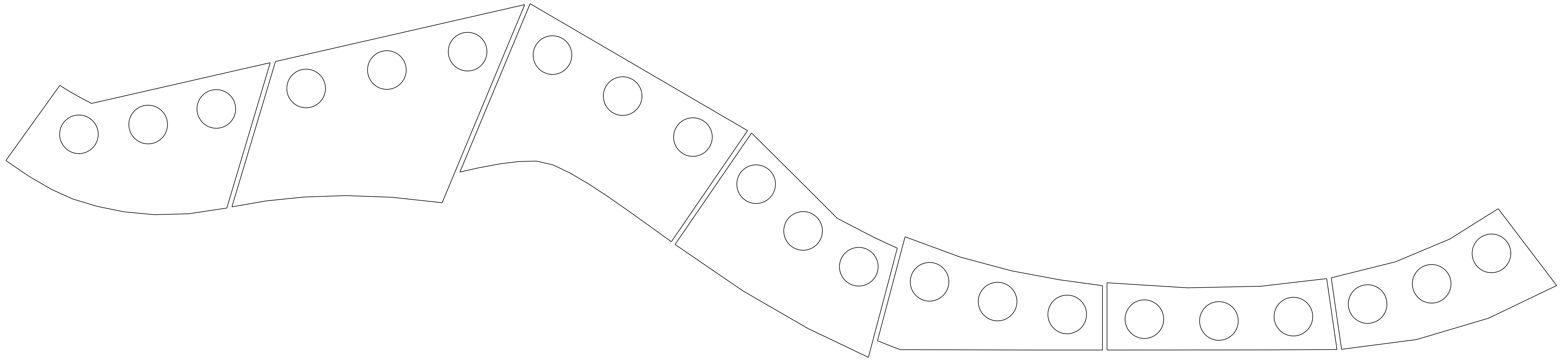
P THIS DRAWING PRODUCED ON PRO-ENGINEER

AR	- 1	AB INBOARD SHIM	316 SST 5	ASTM A240	I
SEI140-003	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION
←				PARTS LIST	FIND NO
					←

SCALE NOTED	DES: D WILLIAMSON 10/2007	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
TOLERANCES UNLESS OTHERWISE SPECIFIED	DRW: S HOMESCU 10/2007	NATIONAL COMPACT STELLARATOR EXPERIMENT	
FRACTIONS	CHK: M COLE 10/2007	A-B INBOARD SHIM	
XX DECIMALS ±.01	SECT:	VERSION NO. 12+	
XXX DECIMALS ±.005	DEPT:	PLANT ORNL	
ANGLES ±0°15'	PE:	BLDG 5700	
BREAK SHARP EDGES .06 MAX	CR:	FL 3	
FINISH .125 UNLESS OTHERWISE SPECIFIED	PJ:	SHT OF 2	
	RED:	TYPE S	
		CLASS U	
	PPPL DRFT J SIEGEL 10/2007	RELEASE LEVEL WIP	
		SEI140-052	
		REV 0	

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
0	ORIGINAL ISSUE	SH	10/07	MC		10/07						
REVISION OR ISSUE PURPOSE												
REVISION APPROVAL						DRAWING APPROVALS						

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FULL SIZE TEMPLATE - WITH INDIVIDUAL CUT LINES AND
PUCK HOLE LOCATIONS
SCALE 1 : 1



FULL SIZE TEMPLATE - CHECK REF DIMS SHOWN FOR PROPER SCALE
SCALE 1 : 1