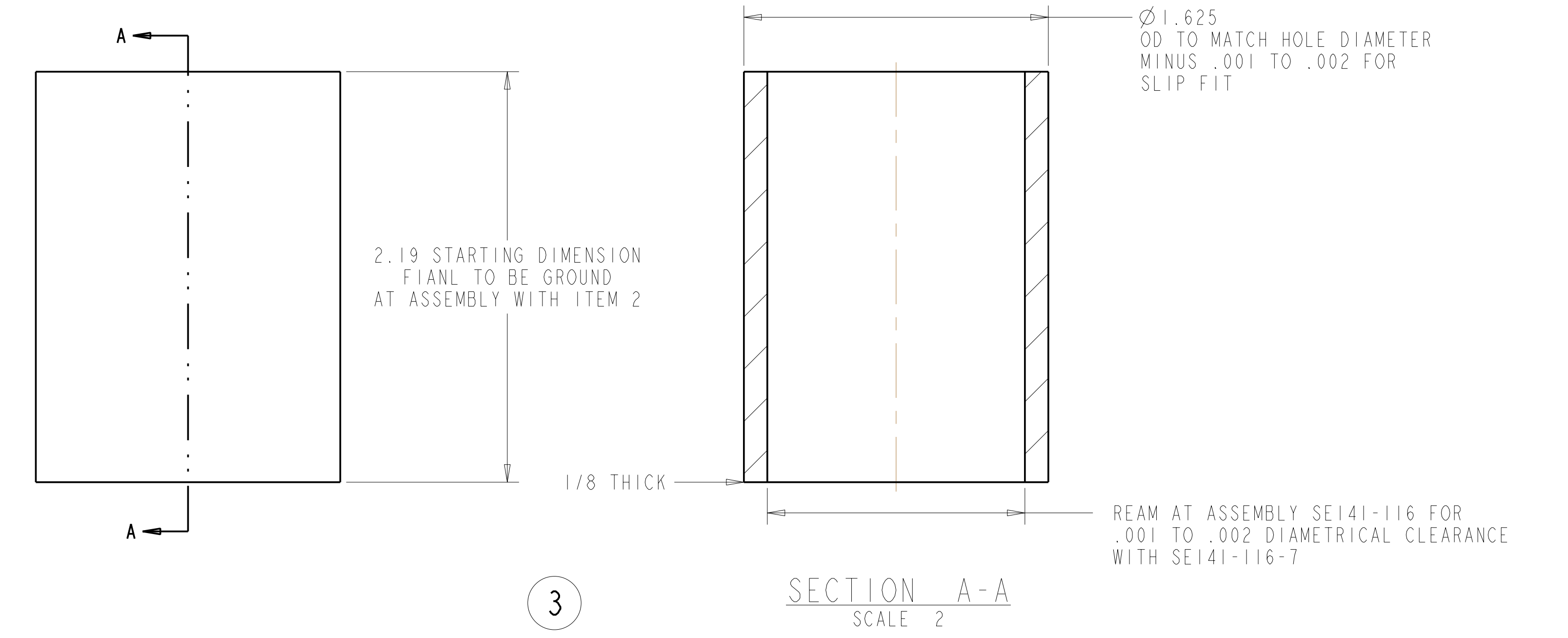
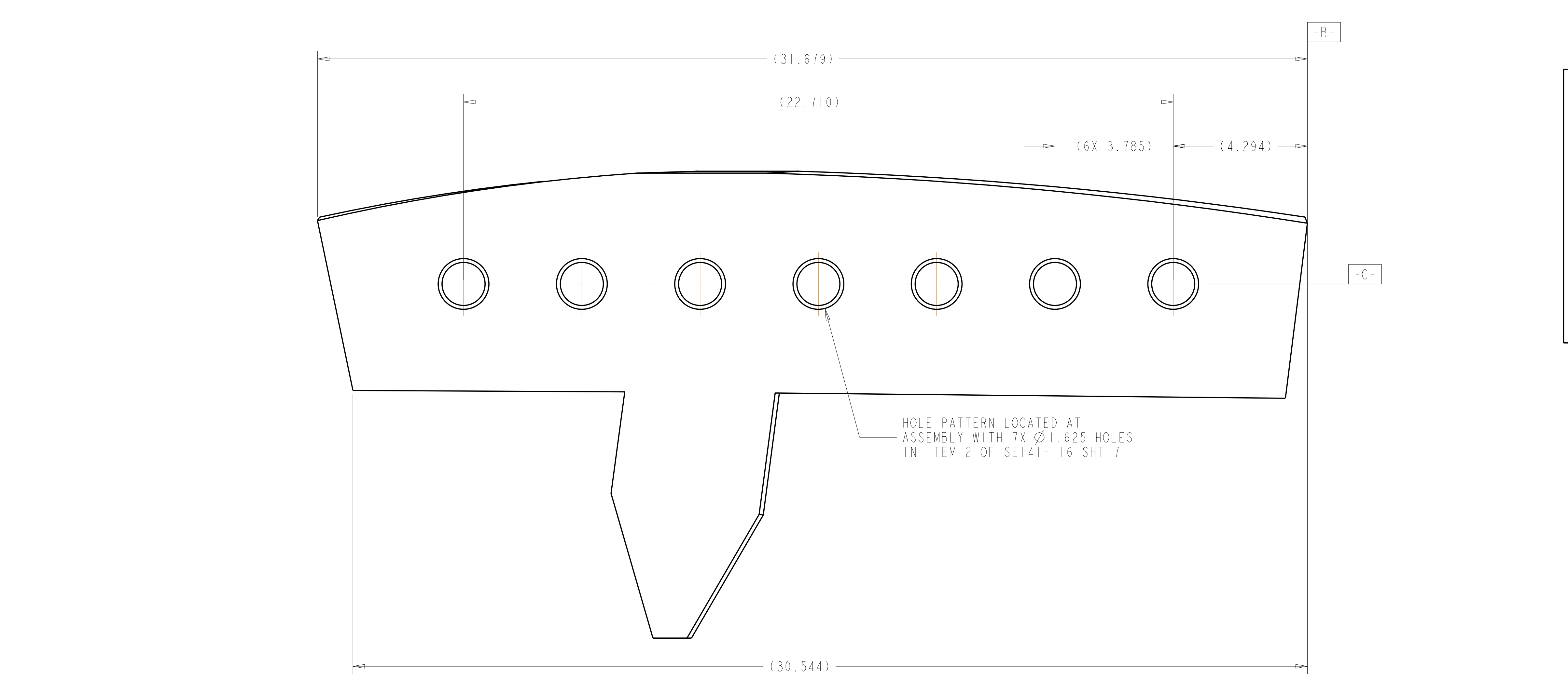
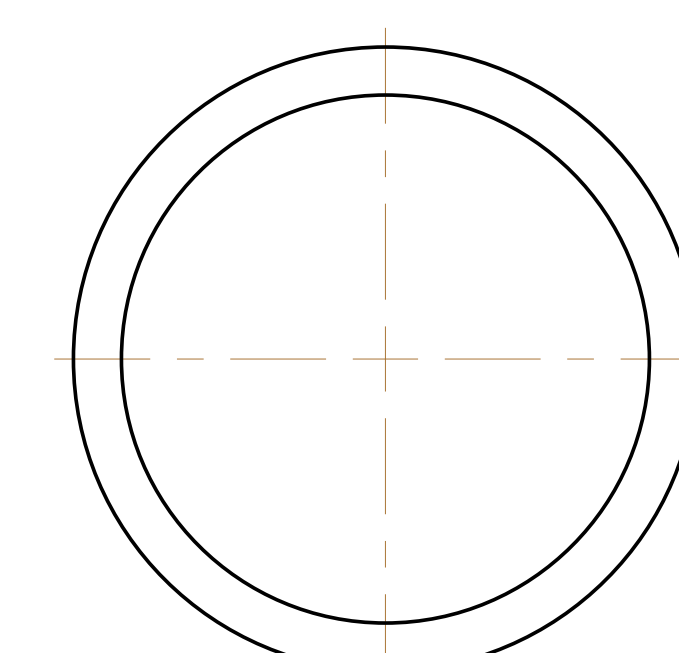
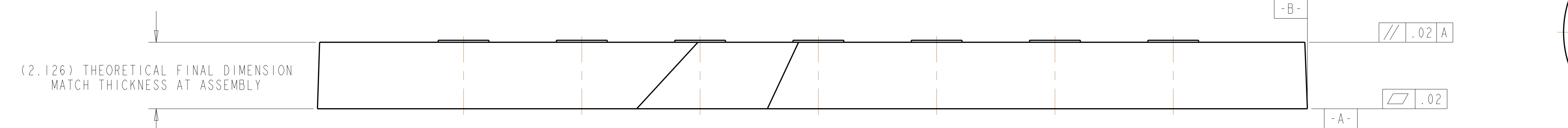
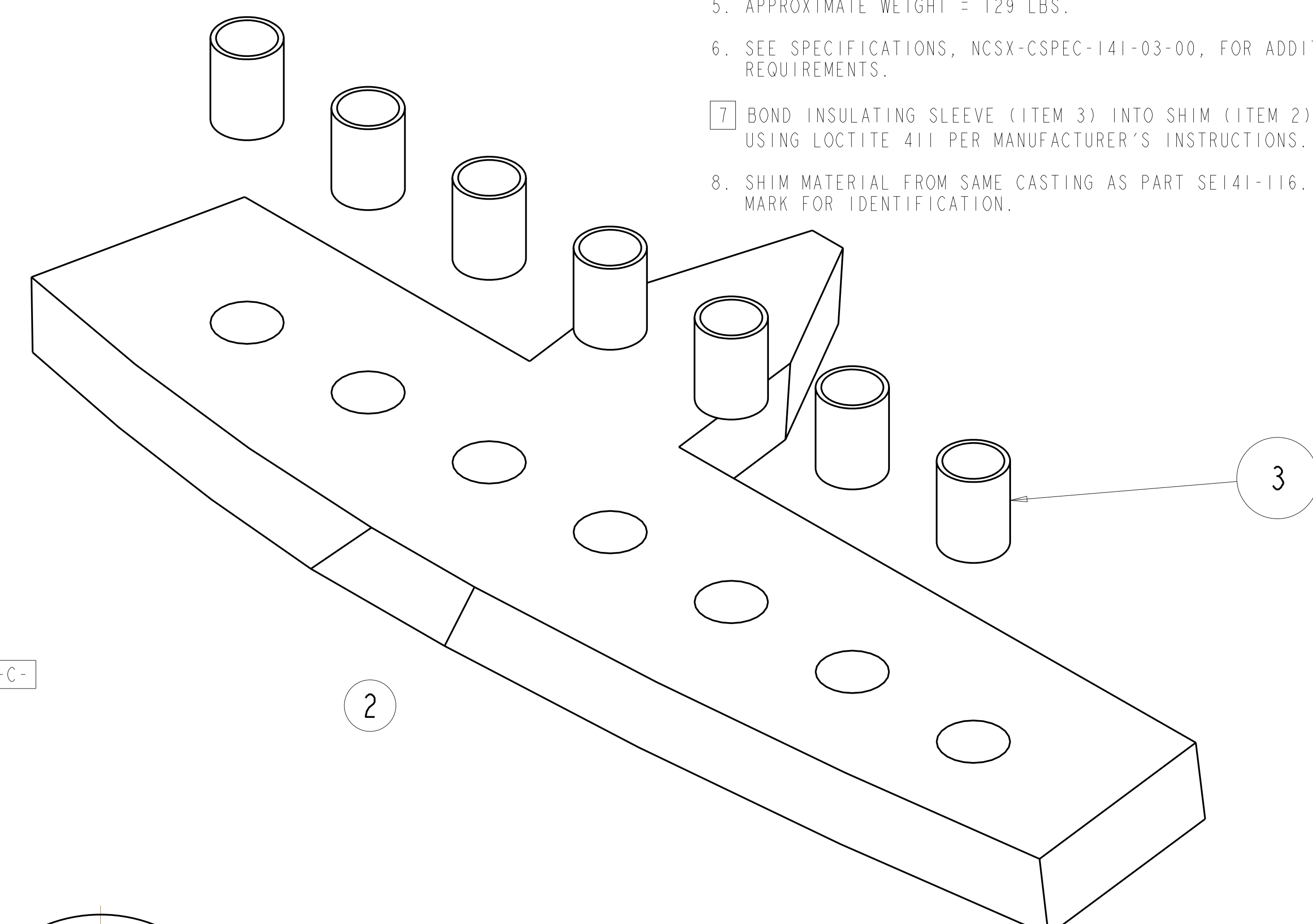
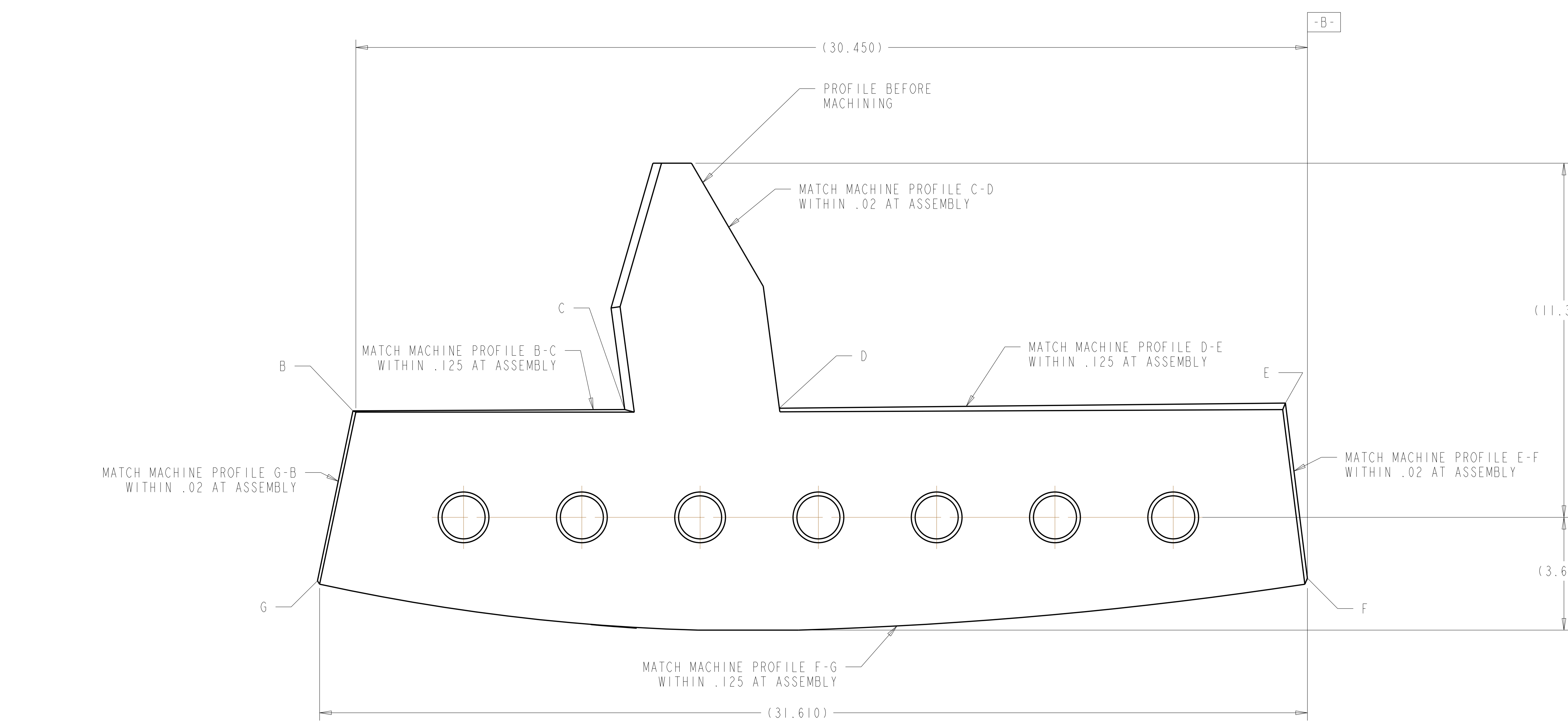


- NOTES:
1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M.
 2. DIMENSIONS ARE IN INCHES.
 3. DIMENSIONS APPLY AT ROOM TEMPERATURE. OPERATING TEMP 80 K.
 4. DRAWING DEPICTS FINAL MACHINED STATE OF ASSEMBLY DEFINED BY PRO-ENGINEER SE141-078.ASM.
 5. APPROXIMATE WEIGHT = 129 LBS.
 6. SEE SPECIFICATIONS, NCSX-CSPEC-141-D3-00, FOR ADDITIONAL REQUIREMENTS.
 - 7 BOND INSULATING SLEEVE (ITEM 3) INTO SHIM (ITEM 2) USING LOCTITE 411 PER MANUFACTURER'S INSTRUCTIONS.
 8. SHIM MATERIAL FROM SAME CASTING AS PART SE141-116. MARK FOR IDENTIFICATION.



REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE

CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
7	-3	SHIM INSULATING SLEEVE	GIICR	NEMA LI 1 - 1998	3
I	-2	POL BREAK SHIM TYPE-C	316 SS	--	2
AR	X	-1	POL BREAK SHIM ASSEMBLY TYPE-C		
SE141-103					

**FOR INFORMATION ONLY
 NOT APPROVED FOR FABRICATION**

P THIS DRAWING PRODUCED ON PRO-ENGINEER

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SCALE 0.5

TOLERANCES UNLESS OTHERWISE SPECIFIED
 FRACTIONS ± .01
 XX DECIMALS ± .005
 XXX DECIMALS ± .015
 ANGLES ± 0'15"
 BREAK SHARP EDGES .06 MAX
 FINISH .125 UNLESS OTHERWISE SPECIFIED

DES: PAUL MILLER 6-30-04
 DRW: PAUL MILLER 6-30-04
 CHK: M COLE 6-30-04
 SECT: :
 DEPT: :
 PE: D WILLIAMSON 6-30-04
 CR: :
 PJ: :
 REO: :
 PPL: DRFT J SIEGEL 6-30-04
 : :
 : :
 DRAWING 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

POL BREAK SHIM ASSEMBLY TYPE-C

VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS
6	X-10	5700	3	1	S	U

RELEASE LEVEL: SEI41-078
 WIP