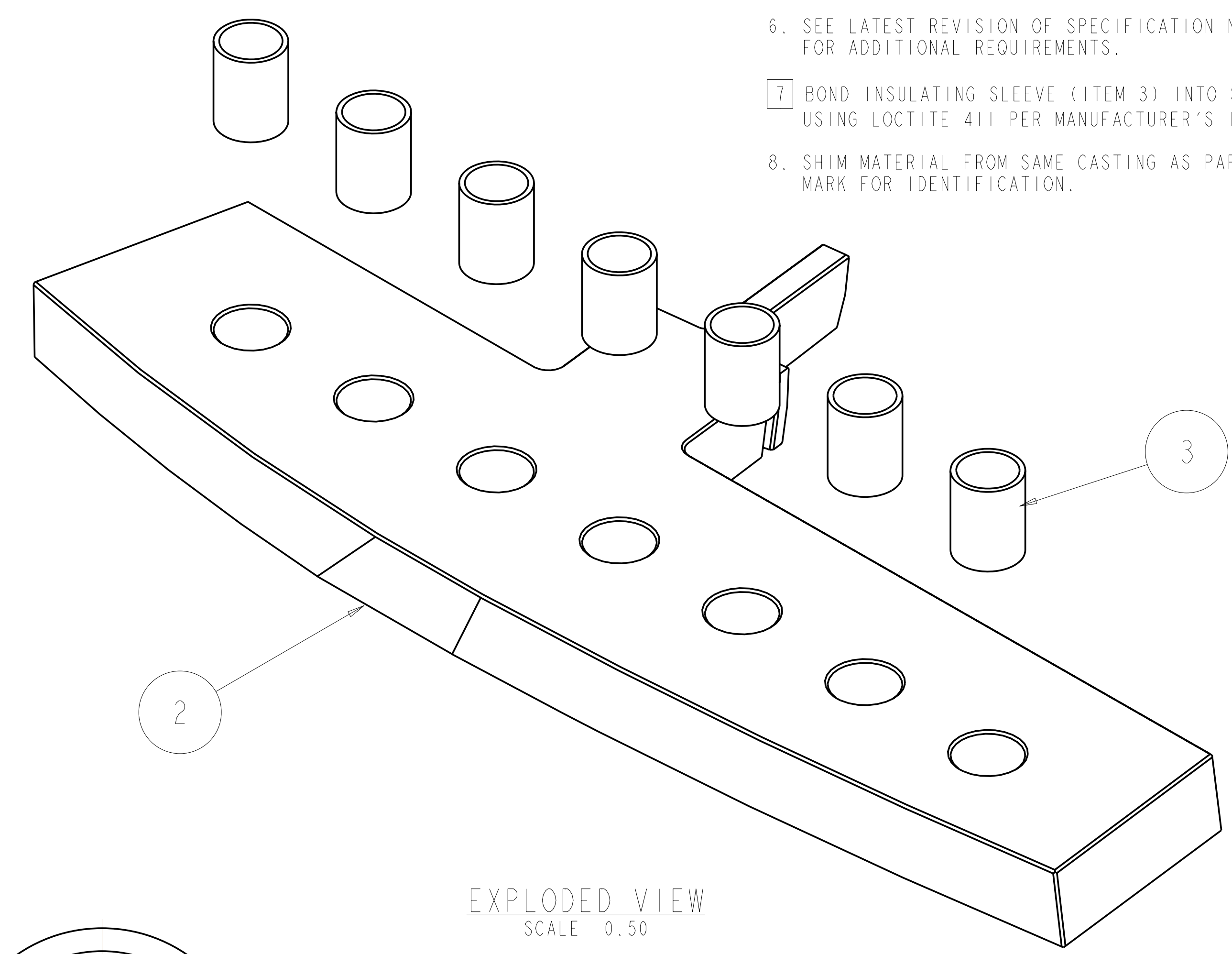
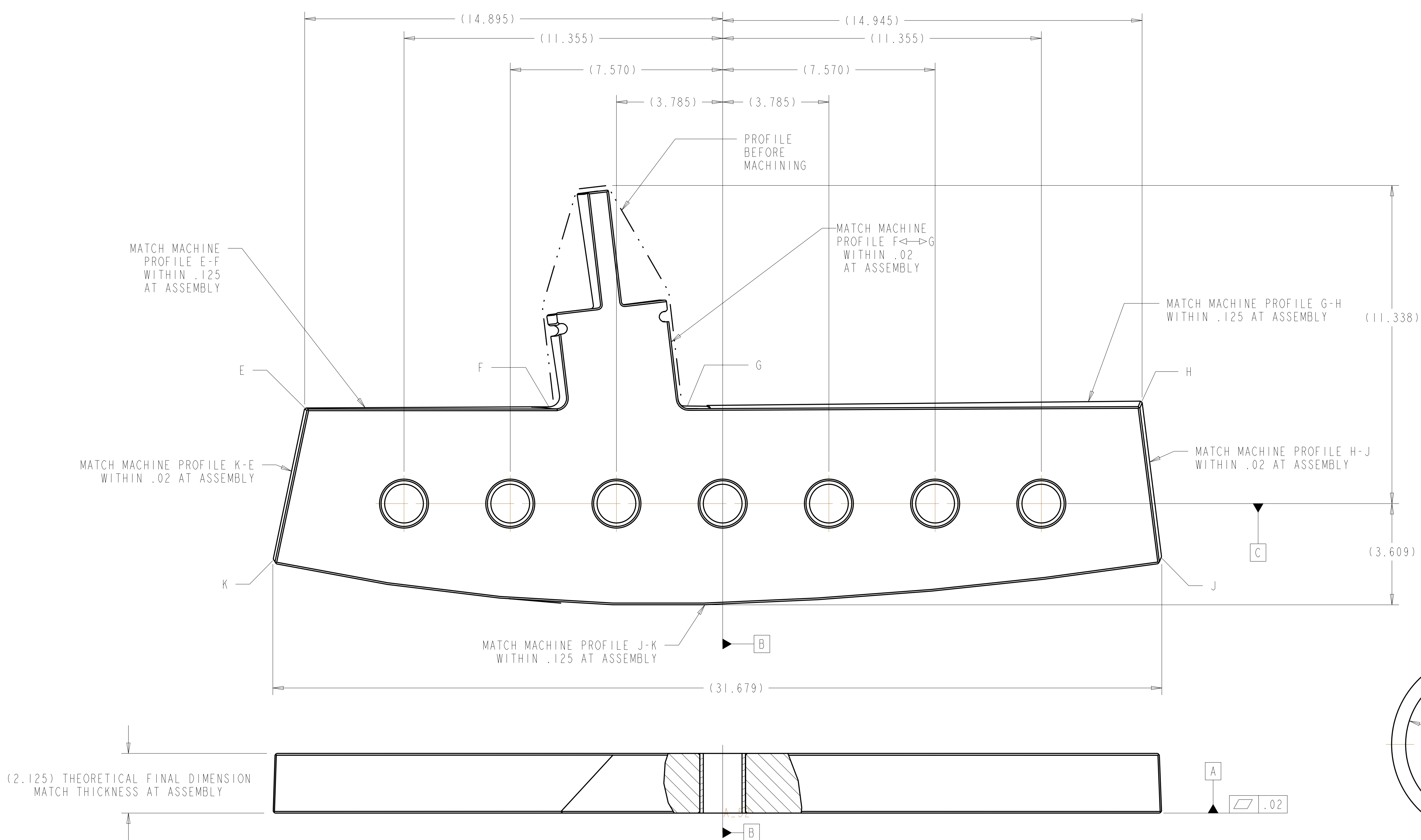
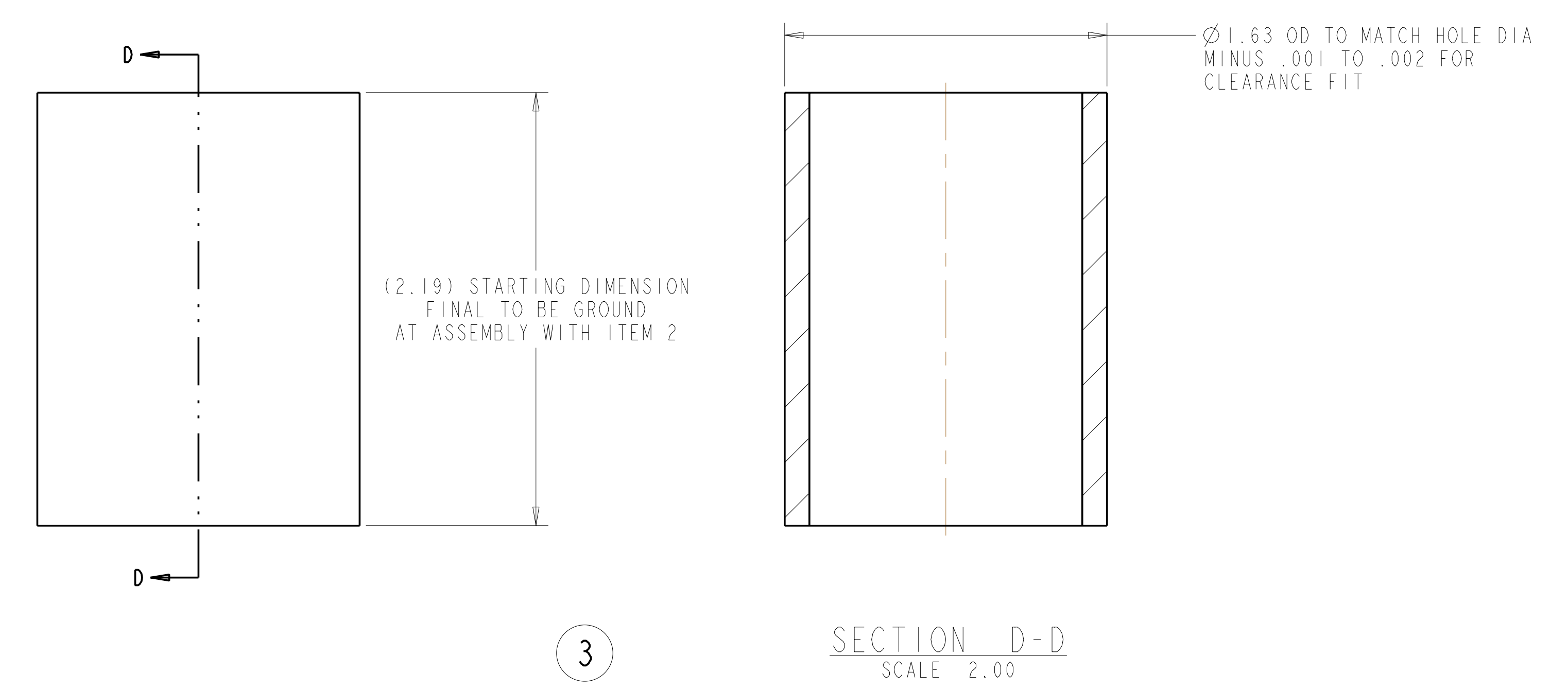
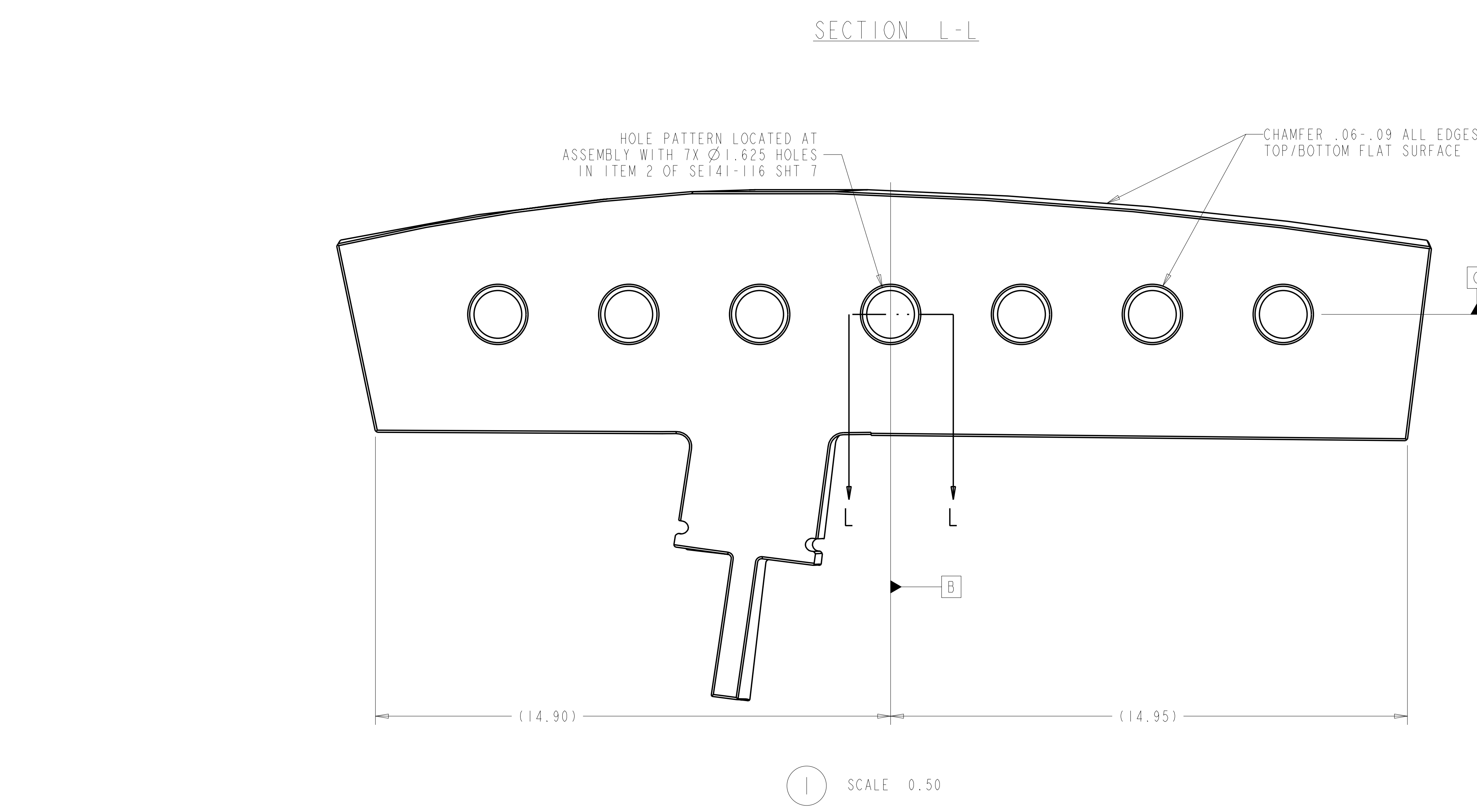
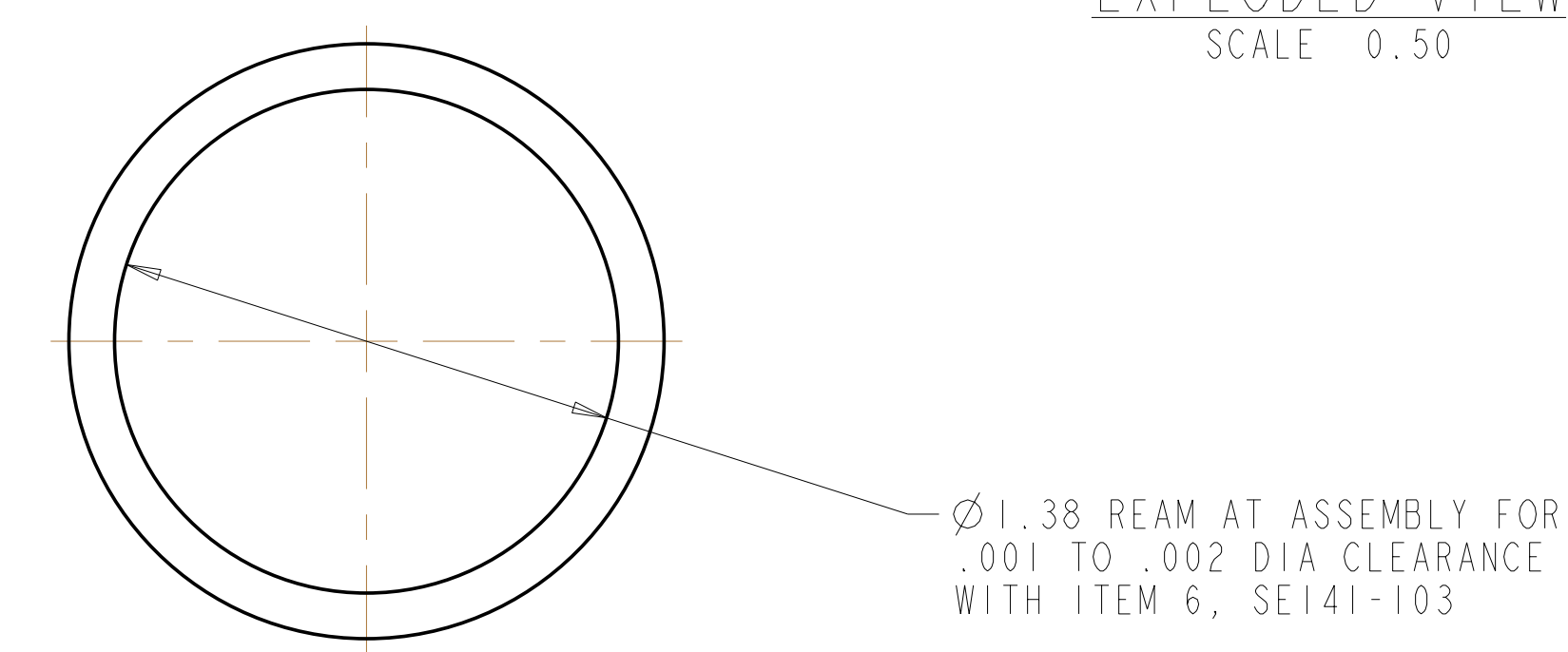


- NOTES:
1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M.
 2. DIMENSIONS ARE IN INCHES.
 3. DIMENSIONS APPLY AT TEMPERATURE OF 20-30°C (68-86°F).
 4. DRAWING DEPICTS FINAL MACHINED STATE OF ASSEMBLY DEFINED BY PRO/ENGINEER FILE SE141-078.ASM.
 5. APPROXIMATE WEIGHT = 129 LBS.
 6. SEE LATEST REVISION OF SPECIFICATION NCSX-CSPEC-141-03 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 2-a: ECN-5112 (RFD-14-019) added lifting holes – See ECN-5112 for details. Only applicable to C6 and all Type A and B Castings



RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting:

REV	DESCRIPTION	BY	DATE	CHK	DEPT	PE	REG	DATE	ORNL	DOE	DATE
2	ADD EDGE CHAMFER PER ECN-5026	GLL	10-05	MJC		DEW					
1	REVISED "T" PROFILE PER ECN-4903	GLL	8/04	MJC		DEW					

7	-3	SHIM INSULATING SLEEVE ALL TYPES	GIICR	NEMA LI 1 - 1998	3
I	-2	POLOIDAL BREAK SHIM TYPE-C	NOTE 8	--	2
AR	X	-1	POL BREAK SHIM ASSEMBLY TYPE-C		
SE141-103					

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P THIS DRAWING PRODUCED ON PRO-ENGINEER

REVISION	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REG	DATE	ORNL	DOE	DATE
2	ADD EDGE CHAMFER PER ECN-5026	GLL	10-05	MJC		DEW						
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SCALE	NOTED	DES	DATE
		P MILLER	6-30-04
		P MILLER	6-30-04
		M COLE	6-30-04
		D WILLIAMSON	6-30-04
		J	
		J SIEGEL	6-30-04

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

UT-BATTELLE
 NATIONAL COMPACT STELLARATOR EXPERIMENT
 POL BREAK SHIM ASSEMBLY TYPE-C
 SE141-078