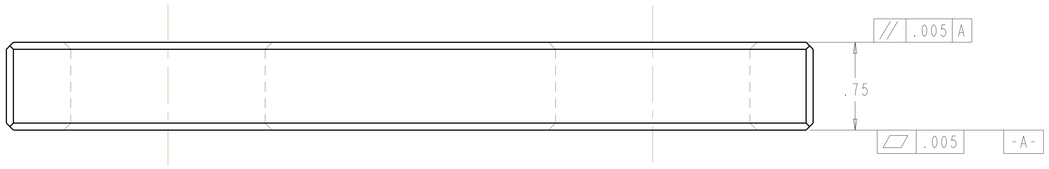
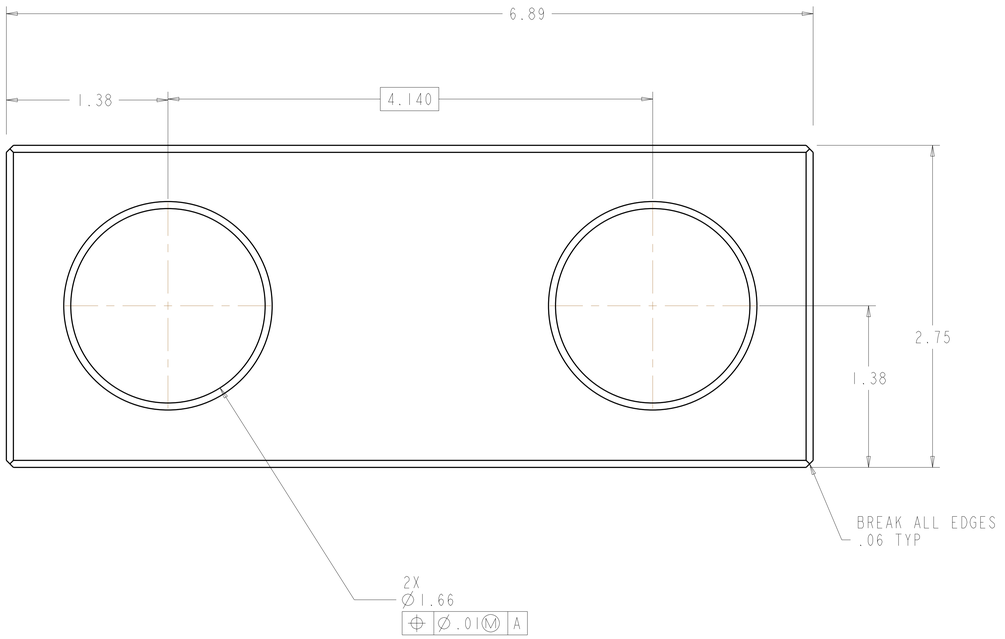
NOTES:

1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M.
3. DIMENSIONS ARE IN INCHES.
4. DIMENSIONS APPLY AT ROOM TEMPERATURE. OPERATING TEMP 80K.
5. SEE LATEST REVISION OF SPECIFICATION NCSX-CSPEC-141-03 FOR ADDITIONAL REQUIREMENTS.





1
SCALE 2.00

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting: Jerry Siegel 2006.01.12 08:58:56 -05'00'

AR	X		-1	BEARING PLATE-SHORT	UNS S31600	1
next assy	-1	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPECIFICATION	FIND NO
		NEXT ASSEMBLY		PARTS LIST		

SE141-139

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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	INITIAL RELEASE	GLL	12/05				DEW					

REVISION OR ISSUE PURPOSE — REVISION APPROVAL

SCALE AS NOTED

TOLERANCES UNLESS OTHERWISE SPECIFIED

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

DRAWING APPROVALS		DATE
DES	B. NELSON	1-06
DRW	G. LOVETT	1-06
CHK	M. COLE	1-06
SECT	:	:
DEPT	:	:
PE	D. WILLIAMSON	1-06
CR	:	:
PJ	:	:
REQ	:	:
PPPL DRFT	J. SIEGEL	1-06
	:	:
	:	:

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

PROJECT NAME
NATIONAL COMPACT STELLARATOR EXPERIMENT

MCWF POLOIDAL BREAK
BEARING PLATE DETAIL
TYPE "B" SHORT

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

RELEASE LEVEL: Fabrication
SE141-139
REV 0