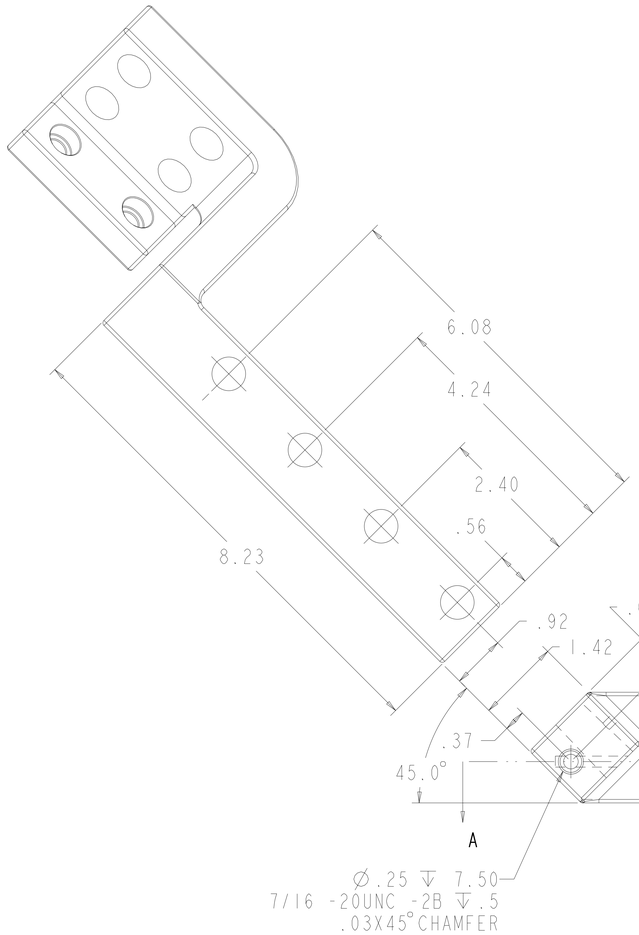
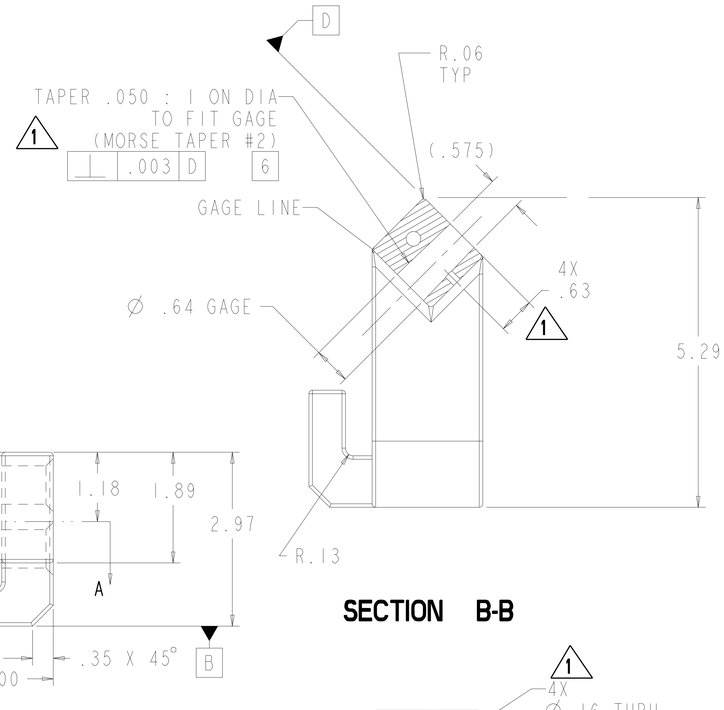
NEXT ASS'Y: | FINAL ASS'Y:

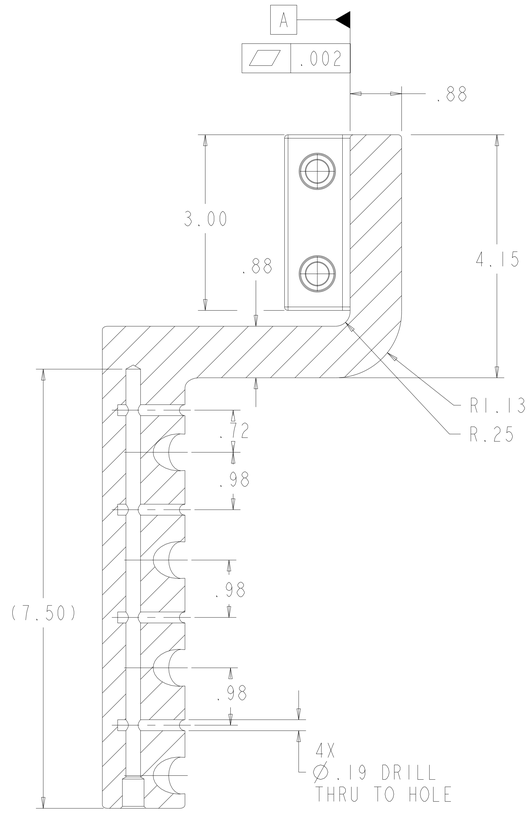
NOTES:

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. GEOMETRY IS DEFINED IN PRO ENGINEER CAD MODELS/FILES SE142C-055.PRT
5. DRAWING AND MODELS COMBINED DEFINE FINISHED MACHINED PART.
6. SILVER PLATE 10 MICRON THICK PER ASTM B700 TYPE 1, GRADE C, CLASS S. APPLY NICKEL INTERMEDIATE LAYER >1 MICRON THICK IMMEDIATELY AFTER CLEANING BASE METAL AND BEFORE ELECTROPLATE. DIMENSIONS APPLY AFTER PLATING.
7. MARK DRAWING NO., ITEM NO., AND "SIDE A" ON PART IN APPROX .25 HIGH LEGIBLE CHARACTERS AT LOCATION SHOWN WITH STAMP OR VIBRO ETCH.

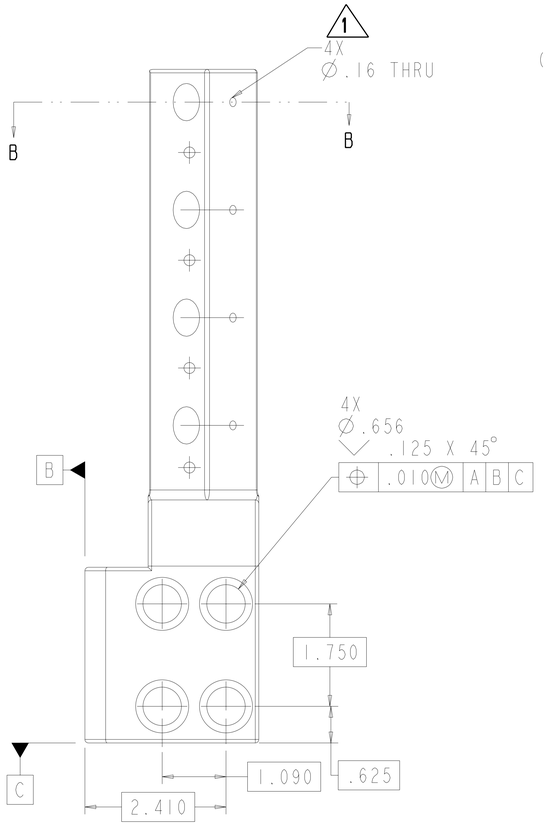


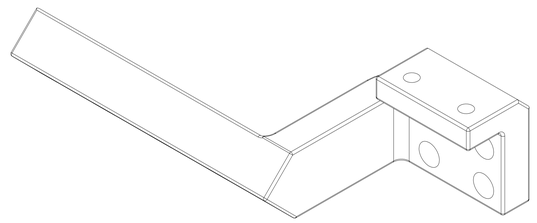


SECTION B-B



SECTION A-A
SCALE 1.00





ISOMETRIC VIEW
SCALE 0.75

next assy					
	AR		-1	TERMINAL LUG BLOCK	OFHC COPPER (UNS C10100 OR C10200)	1
	SE142C-050	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPECIFICATION	FIND NO
	← NEXT ASSEMBLY			PARTS LIST		

SE142C-055

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting: ? Jerry Siegel 2007.09.10 06:10:29 -05'00'

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
1	REVISE PART AND DRAWING PER ECN 5140	GLL	7-06	MJC			DEW					
0	INITIAL RELEASE	GLL	6-05				DEW					

REVISION OR ISSUE PURPOSE | REVISION APPROVAL

SCALE 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	P FOGARTY	05/05
DRW	G LOVETT	05/05
CHK	M COLE	05/05
SECT	:	:
DEPT	:	:
PE	D WILLIAMSON	05/05
CR	:	:
PJ	:	:
REQ	:	:
PPPL DRFT	J SIEGEL	05/05
	:	:
	:	:

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P THIS DRAWING PRODUCED ON PRO-ENGINEER

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

MODULAR COIL TYPE-C
SHORT TERMINAL LUG
DETAIL

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

RELEASE LEVEL: Fabrication | SE142C-055 | REV 1