



- 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 SEI406-117.PRT
 5. DRAWING AND MODELS COMBINED DEFINE FINISHED MACHINED PART.

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting:

next assy	AR	-1	BLOCK TOP	G11		
	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
SEI406-117						
			NEXT ASSEMBLY		PARTS LIST	

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P THIS DRAWING PRODUCED ON PRO-ENGINEER

REV	REVISION OR ISSUE PURPOSE	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
1	REVISE PART AND DRAWING PER ECN 4953	GLL	2-05									

SCALE	1:1	DES	PJ FOGARTY	8-2-04
		DRW	G LOVETT	8-2-04
		CHK	G JONES	8-3-04
		SECT		
		DEPT		
FRACTIONS				
XX DECIMALS	± .01	PE	D WILLIAMSON	8-03-04
XXX DECIMALS	± .005	CR		
ANGLES	± 0'15"	PJ		
FINISH	.125 UNLESS OTHERWISE SPECIFIED	REQ		
		PPPL DRFT	J STIEGLE	8-04
		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
PROJECT NAME NATIONAL COMPACT STELLARATOR EXPERIMENT	
TWISTED RACE TRACK COIL LEADS	
BLOCK TOP	
DETAIL	
VERSION NO.	5
PLANT	X-10
BLDG	5700
FL	3
SHT OF	1
TYPE	S
CLASS	U
RELEASE LEVEL	Fabrication
	SEI406-117
	REV 1