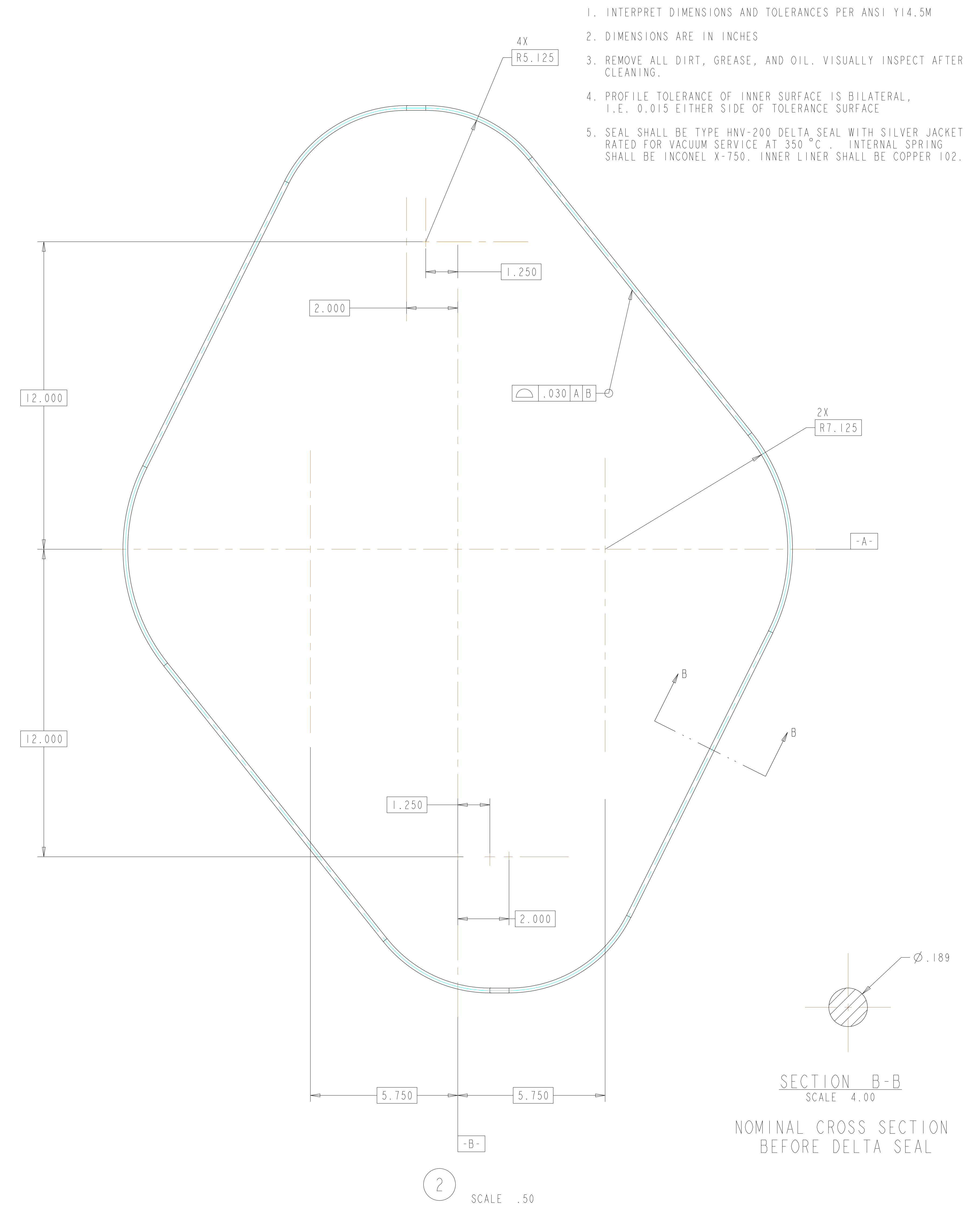
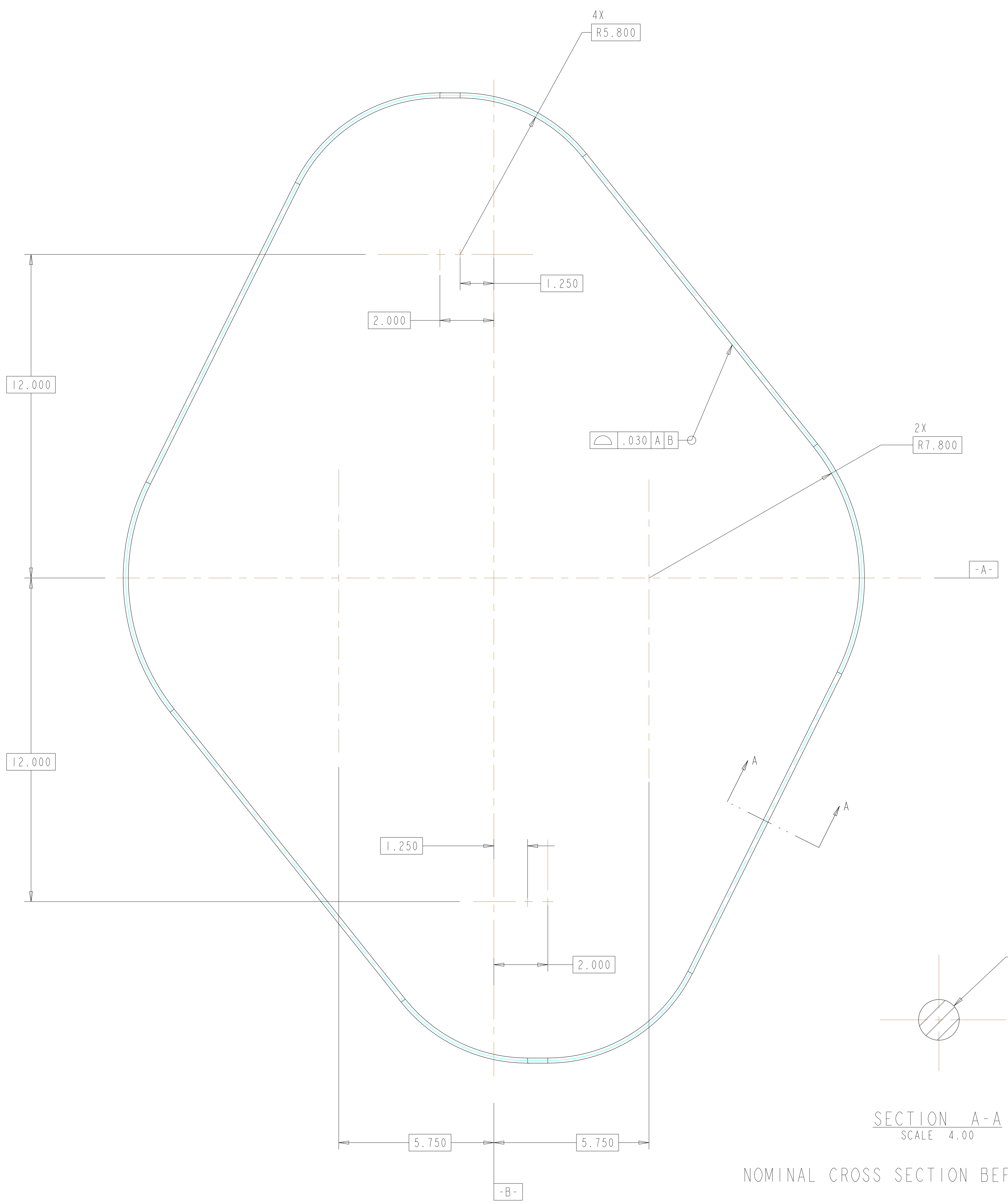


- NOTES:
1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M
  2. DIMENSIONS ARE IN INCHES
  3. REMOVE ALL DIRT, GREASE, AND OIL. VISUALLY INSPECT AFTER CLEANING.
  4. PROFILE TOLERANCE OF INNER SURFACE IS BILATERAL, I.E. 0.015 EITHER SIDE OF TOLERANCE SURFACE
  5. SEAL SHALL BE TYPE HNV-200 DELTA SEAL WITH SILVER JACKET RATED FOR VACUUM SERVICE AT 350 °C. INTERNAL SPRING SHALL BE INCONEL X-750. INNER LINER SHALL BE COPPER 102.



CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
AR	HNV-200	HELICOFLEX METAL DELTA SEAL			-2
AR	HNV-200	HELICOFLEX METAL DELTA SEAL			-1

HELICOFLEX  
2770 THE BOULEVARD  
COLUMBIA, SC 29209  
PHONE: 803-783-1880

SEAL 120-002 ← NEXT ASSEMBLY PARTS LIST

**RELEASED FOR FABRICATION / INSTALLATION**  
PPPL Drafting:

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**P** THIS DRAWING PRODUCED ON PRO-ENGINEER

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

SCALE NOTED	DES P. L. GORANSON 04/05	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
TOLERANCES UNLESS OTHERWISE SPECIFIED	DRW M. J. COLE 04/05	PROJECT NAME	NATIONAL COMPACT STELLARATOR EXPERIMENT
FRACTIONS	CHK G. H. JONES 04/05	DEPT	VACUUM VESSEL ASSEMBLY
XX DECIMALS ±.01	SECT	PLANT	NEUTRAL BEAM HELICOFLEX SEALS
XXX DECIMALS ±.005	DEPT	BLDG	DETAIL
ANGLES ±0°15'	PE	5700	
BREAK SHARP EDGES .06 MAX	CR	FL	
FINISH .125 UNLESS OTHERWISE SPECIFIED	PJ	SHT	
	REG	OF	
	PPPL DRFT J SIEGEL	TYPE	
		CLASS	
		REV	
		0	