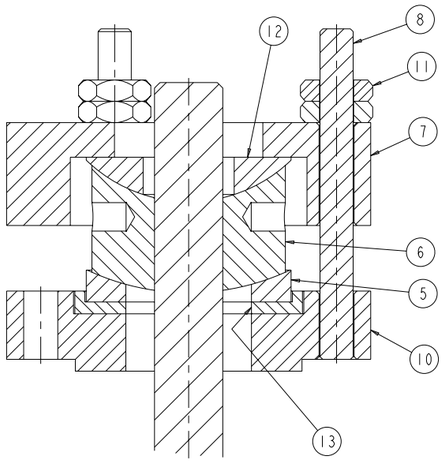
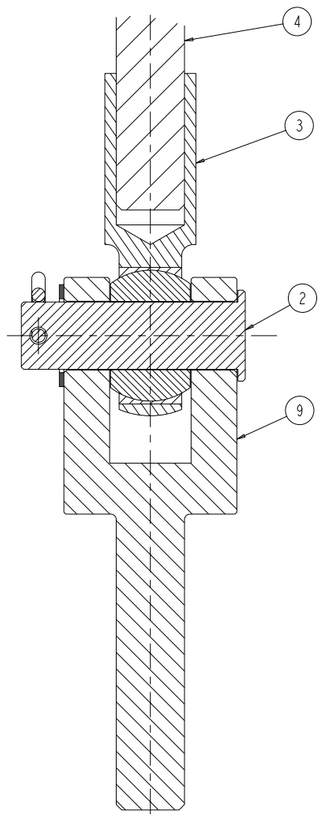
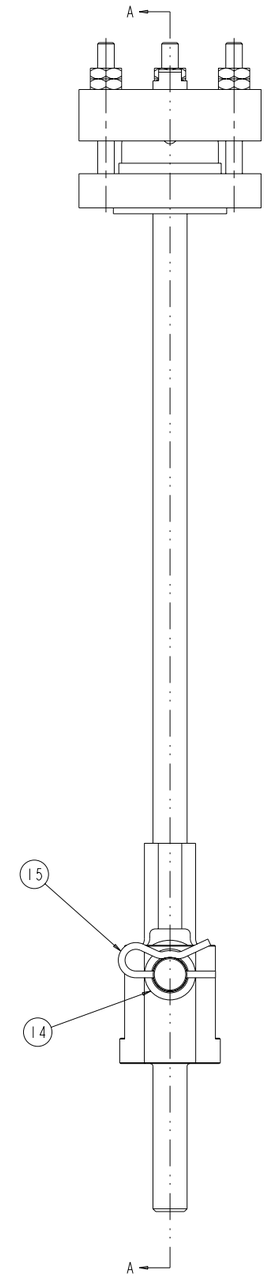
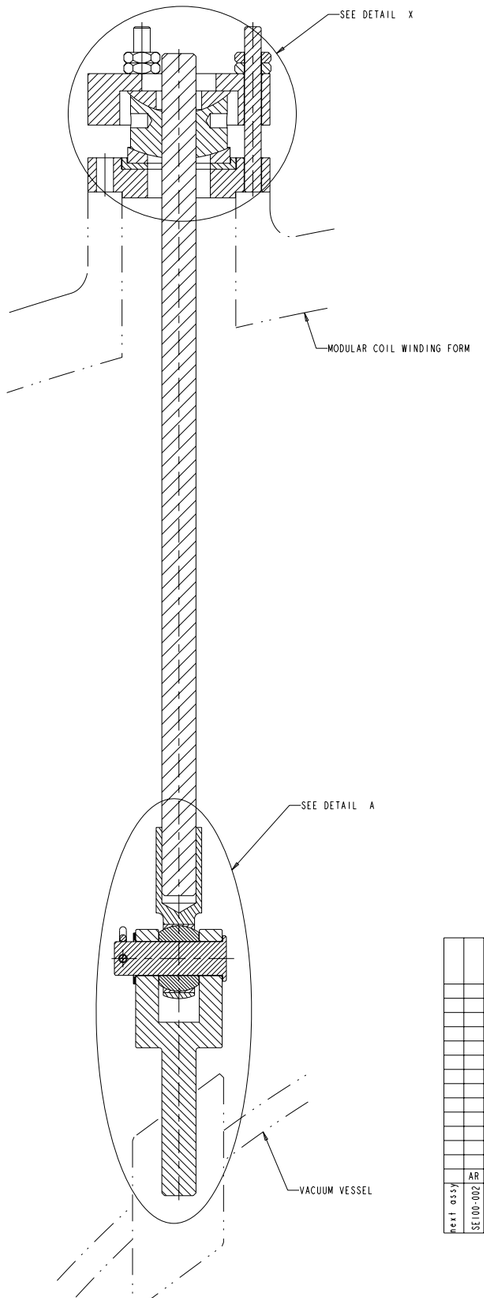


DETAIL X
SCALE 2.00

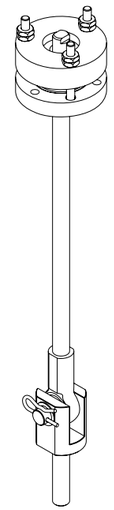


DETAIL A
SCALE 2.00





SECTION A-A



ISOMETRIC VIEW
SCALE 0.50

1 SCALE: 1.00

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. APPROXIMATE TOTAL WEIGHT = 10 lbs

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting: Jerry Siegel 2005.07.07 09:18:45 -05'00'

		1	#92391A778	HAIRPIN COTTER PIN	MCMASTER-CARR P.O.BOX 54670 LOS ANGELES, CA. 90054-0960	15
		1	Ø.75	WASHER, FLAT	300 SERIES SST ANSI B18.22.1	14
		1	SE124-069	VERTICAL UPPER SUPPORT INSULATION WASHER		13
		1	SE124-068	VERTICAL UPPER SUPPORT INSULATION SPHERICAL WASHER		12
		6	SE124-066	VERTICAL UPPER SUPPORT JAM NUT		11
		1	SE124-065	VERTICAL UPPER SUPPORT INSERT		10
		1	SE124-055	VERTICAL SUPPORT CLEVIS		9
		3	SE124-037	VERTICAL UPPER SUPPORT STUD		8
		1	SE124-036	VERTICAL UPPER SUPPORT RETAINER RING		7
		1	SE124-034	VERTICAL UPPER SUPPORT SPHERICAL NUT		6
		1	SE124-033	VERTICAL UPPER SUPPORT SPHERICAL BEARING		5
		1	SE124-020	VERTICAL UPPER SUPPORT ROD		4
		1	SE124-014	VERTICAL SUPPORT ROD END, FEMALE		3
		1	SE124-013	VERTICAL SUPPORT CLEVIS PIN		2
	AR	X	-1	VERTICAL UPPER SUPPORT ASSEMBLY		1
next assy SE100-002	-	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPECIFICATION	FIND NO
		← NEXT ASSEMBLY	PARTS LIST			

SE124-051 B

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
	REVISION OR ISSUE PURPOSE					REVISION APPROVAL						
0	ORIGINAL ISSUE	GHJ	3/3/05									

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	PAUL MILLER	08-17-04
DRW	PAUL MILLER	08-17-04
CHK	J.M.RAY	04-07-05
SECT	:	:
DEPT	:	:
PE	:	:
CR	:	:
PJ	:	:
REQ	:	:
PPPL DRFT	:	:
	:	:

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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

VERTICAL UPPER SUPPORT ASSEMBLY

VERSION NO.	PLANT	BLDG	FL	SHT OF	TYPE	CLASS
16	X10	5700	3	1 1	A	U

RELEASE LEVEL: Fabrication — SE124-051 — REV 0