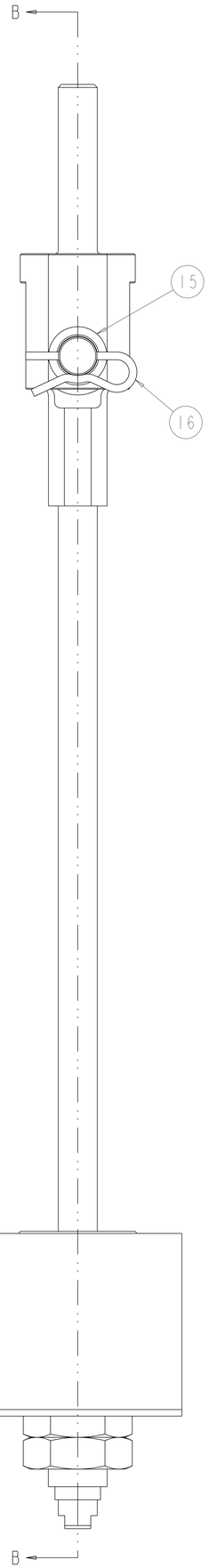
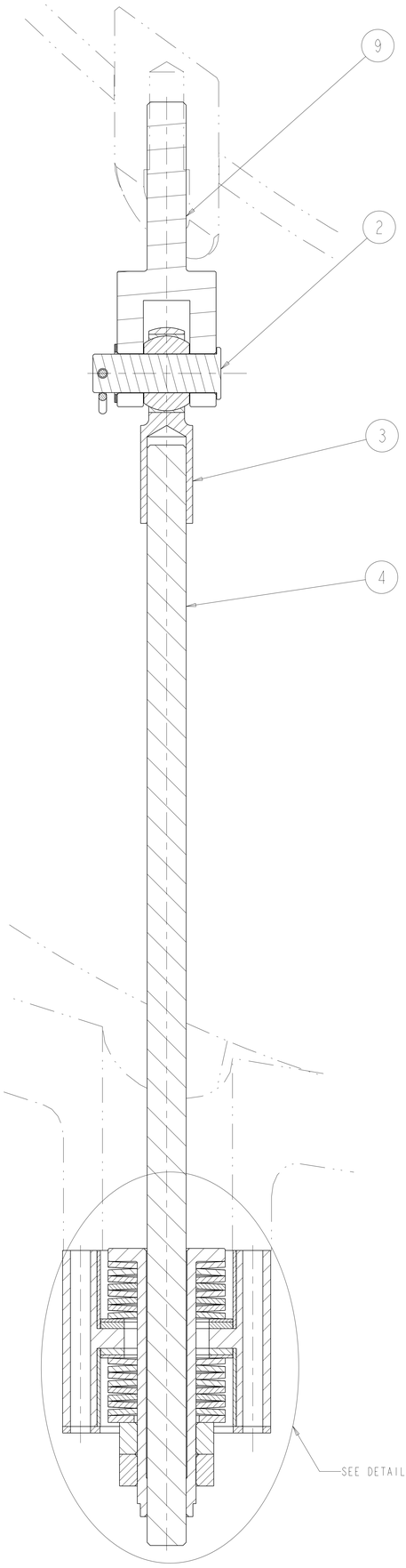
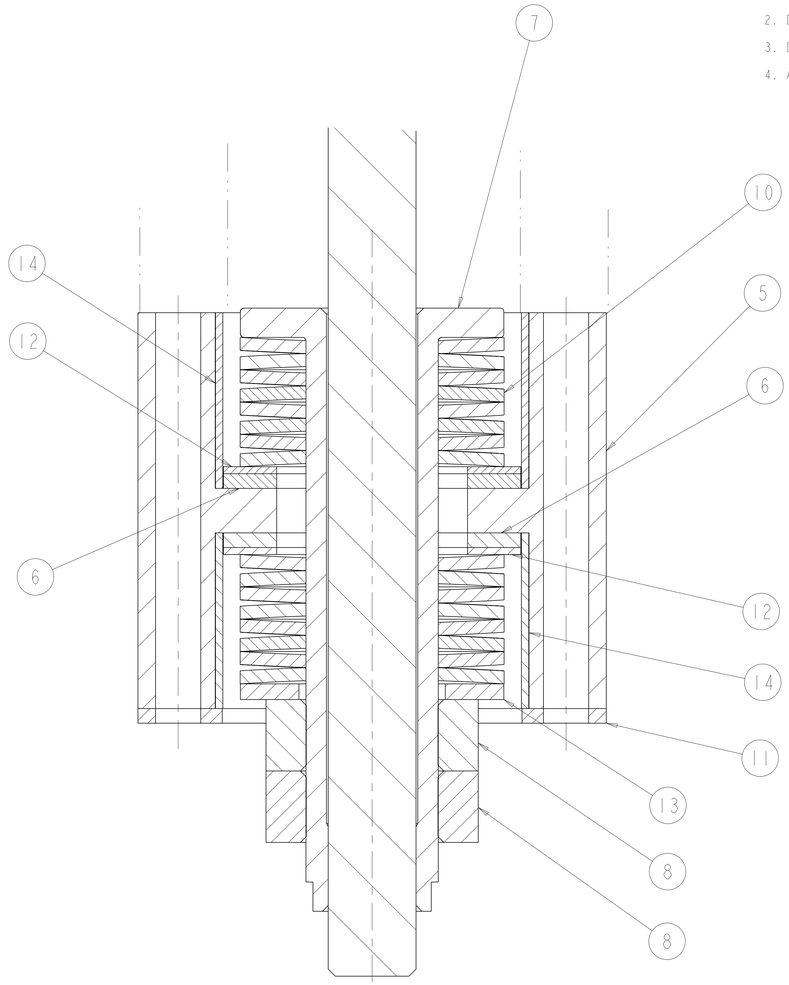
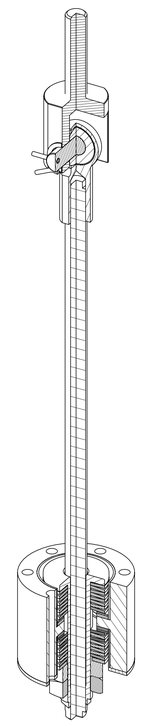




1 SCALE: 1.00

SECTION B-B





ISOMETRIC VIEW
SCALE: .50

DETAIL Y
SCALE 2.00

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 = 13 lbs.

next assy			CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
SE100-002	-	← NEXT ASSEMBLY			PARTS LIST			
	AR			-1	VERTICAL LOWER SUPPORT ASSEMBLY			1
		1		SE124-013	VERTICAL SUPPORT CLEVIS PIN			2
		1		SE124-014	VERTICAL SUPPORT ROD END, FEMALE			3
		1		SE124-021	VERTICAL LOWER SUPPORT ROD			4
		1		SE124-035	VERTICAL LOWER SUPPORT INSERT			5
		2		SE124-039	VERTICAL LOWER SUPPORT INSULATING WASHER			6
		1		SE124-048	VERTICAL LOWER SUPPORT ADJUSTER			7
		2		SE124-049	VERTICAL LOWER SUPPORT JAM NUT, HEX			8
		1		SE124-055	VERTICAL SUPPORT CLEVIS			9
		16		SE124-056	VERTICAL LOWER SUPPORT WASHER, BELLEVILLE			10
		1		SE124-057	VERTICAL LOWER SUPPORT RETAINER WASHER			11
		2		SE124-058	VERTICAL LOWER SUPPORT HARDENED WASHER			12
		1		SE124-063	VERTICAL LOWER SUPPORT PLAIN WASHER			13
		2		SE124-064	VERTICAL LOWER SUPPORT INSULATING SLEEVE			14
		1		Ø.75	WASHER, FLAT	300 SERIES SST	ANSI B18.22.1	15
		1		#92391A778	HAIRPIN COTTER PIN	MCMASTER-CARR SUPPLY CO. P.O.BOX 549670 LOS ANGELES, CA. 90054-0960		16

SE124-054

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

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	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	DRAFT :	:
	:	:

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

VERTICAL LOWER SUPPORT ASSEMBLY

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

RELEASE LEVEL: WIP
SE124-054
REV: 0

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P THIS DRAWING PRODUCED ON PRO-ENGINEER