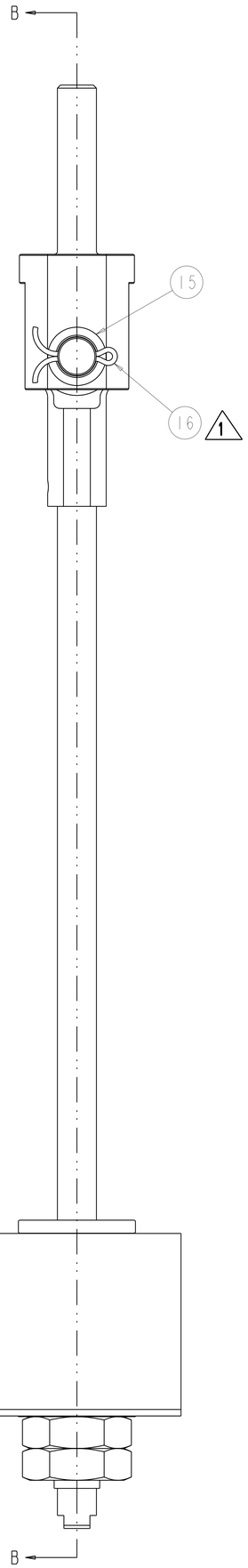
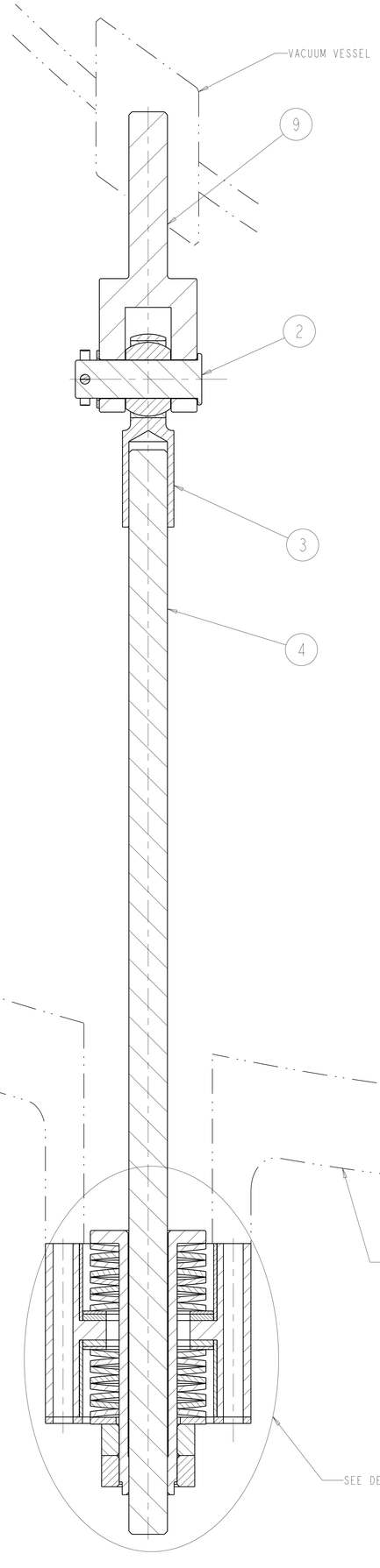
NOTES:

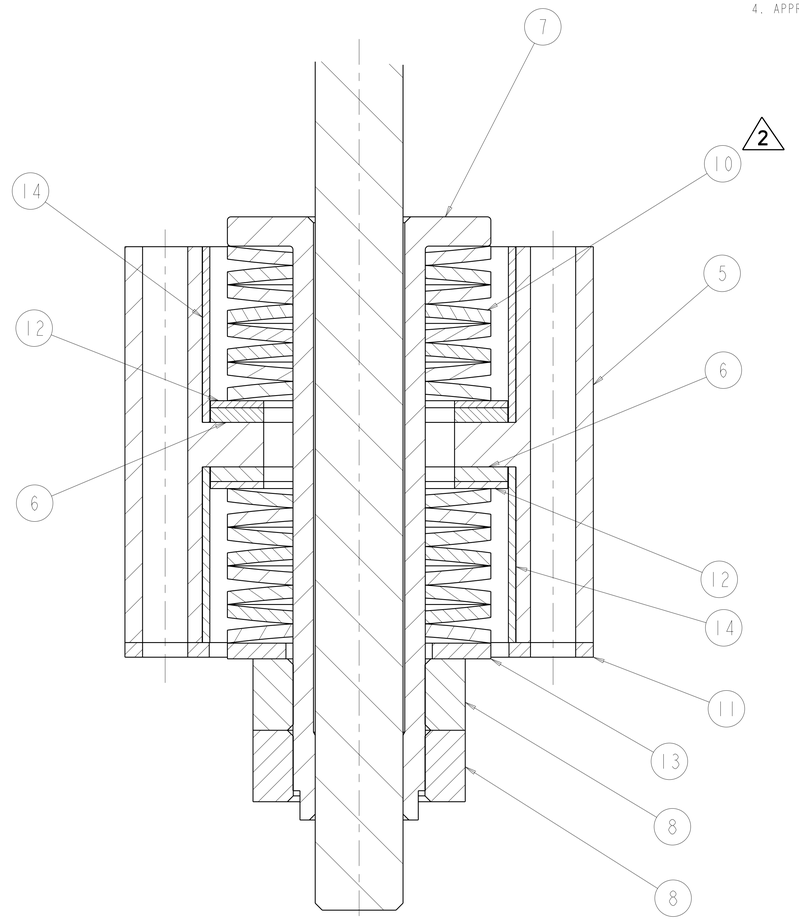
1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M
2. DIMENSIONS ARE IN INCHES
3. DIMENSIONS APPLY AT TEMPERATURE OF 20-30°C (68-86°F)
4. APPROXIMATE TOTAL WEIGHT = 13 lbs.



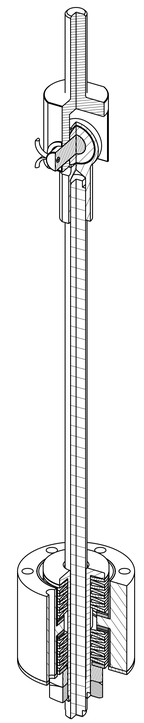


1 SCALE: 1.00

SECTION B-B



DETAIL Y
SCALE 2.00



ISOMETRIC VIEW
SCALE: .50

1		1		#98355A240	COTTER PIN 3/16 X 1-1/2 316 SST	MCMASTER-CARR SUPPLY CO. P.O.BOX 549670 LOS ANGELES, CA. 90054-0960	16
		1		Ø.75	WASHER, FLAT	300 SERIES SST / ANSI B18.22.1	15
		2		SE124-064	VERTICAL LOWER SUPPORT INSULATING SLEEVE		14
		1		SE124-063	VERTICAL LOWER SUPPORT PLAIN WASHER		13
		2		SE124-058	VERTICAL LOWER SUPPORT HARDENED WASHER		12
		1		SE124-057	VERTICAL LOWER SUPPORT RETAINER WASHER		11
2		16		SE124-056	VERTICAL LOWER SUPPORT WASHER, BELLEVILLE		10
		1		SE124-055	VERTICAL SUPPORT CLEVIS		9
		2		SE124-049	VERTICAL LOWER SUPPORT JAM NUT, HEX		8
		1		SE124-048	VERTICAL LOWER SUPPORT ADJUSTER		7
		2		SE124-039	VERTICAL LOWER SUPPORT INSULATING WASHER		6
		1		SE124-035	VERTICAL LOWER SUPPORT INSERT		5
		1		SE124-021	VERTICAL LOWER SUPPORT ROD		4
		1		SE124-014	VERTICAL SUPPORT ROD END, FEMALE		3
		1		SE124-013	VERTICAL SUPPORT CLEVIS PIN		2
	AR	X		-1	VERTICAL LOWER SUPPORT ASSEMBLY		1
next assy	SE100-002	-	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPECIFICATION	FIND NO
			← NEXT ASSEMBLY		PARTS LIST		

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting: jerome siegel

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
2	F/N 10, USED IN DWG SE124-056. PER ECN# 5404	GM	09/08	MC		09/08						
2	PRO-E ASSY CORRECTED TO USE BELLEVILLE WASHER.											
1	COTTER PIN WAS HAIRPIN. PER ECN# 5379	WDM	07/08									
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

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	:	:
	:	:
	:	:
DRAWING APPROVALS		DATE

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF, ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDER ARE NOT TO BE USED FOR OTHER PURPOSES, AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

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-AC05-000R22725
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
1	X10	5700	3	1	1	A	U

RELEASE LEVEL: Fabrication — SE124-054 — REV 2

SE124-054