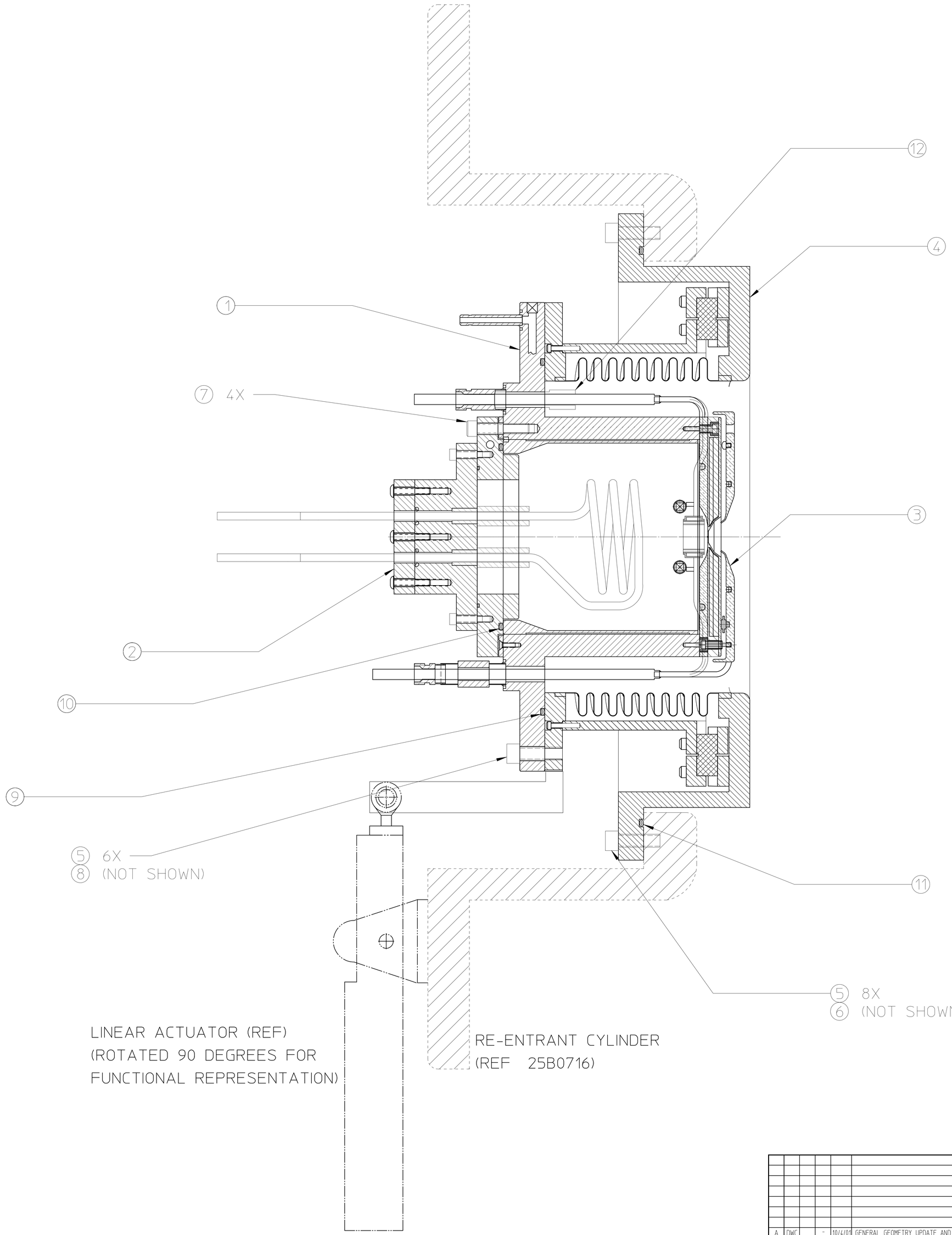

REQD	ITEM	PART NO	DESCRIPTION
10	12	21C9912-1	CERAMIC INSULATOR FOR VACUUM FEEDTHRUS
1	11	#2-280	O-RING, VITON, PARKER, INC., SPLICED TO 13.58" ID
1	10	#2-243	O-RING, VITON, PARKER, INC.
1	9	#2-267	O-RING, VITON, PARKER, INC.
2	8	-	DOWEL PIN, .375" DIA, 1.0" LONG
4	7	-	SHCS, 1/4-20, 1.0" LONG
2	6	-	DOWEL PIN, .250" DIA X 1.0" LONG
14	5	-	SHCS,5/16-18 X 1.0" LONG
1	4	21G7584	TILT MECHANISM ASSEMBLY
1	3	21C8934	OUTLET ELECTRODE ASSEMBLY
1	2	21G7543	BACKFLANGE SUBASSEMBLY
1	1	21G8074	PLASMA CHAMBER MAGNET ASSEMBLY

REV	DWG	CHK	ZONE	DATE	CHANGES
A	DWC		-	10/4/01	GENERAL GEOMETRY UPDATE AND ASSEMBLY CALLOUTS

UNLESS OTHERWISE SPECIFIED
TOLERANCES: X ± .1 FRAC. ±1/64; XX ± .01 ANGLES ± 1°; XXX ± .001 FINISH 125
THREADS ARE CLASS 2
CHAMFER ENDS OF ALL SCREW THREADS 30°.
CUT 1.5 PITCH THRD RELIEF WITH ROUND NOSE TOOL ON MACHINE CUT THREADS.
BREAK EDGES .016 MAX. ON MACHINED WORK
REMOVE BURRS WELD SPLATTER & LOOSE SCALE
REFERENCES: ANSI Y14.5 & B46.1.

SHOP ORDERS
ACCT NO. | SERIAL NO.
DATE ISSD | DATE REQD | NO REQD
DELIVER TO
SURFACE TREATMENT: -
IDENT METH: -
DWG BY: S. MUKHERJEE DATE 01-04-99
CHK BY: M. LEITNER DATE 3-14-99

LAWRENCE BERKELEY LABORATORY
UNIVERSITY OF CALIFORNIA-BERKELEY
SNS - FRONT END SYSTEM
ION SOURCE PROTOTYPE DESIGN
GENERAL ARRANGEMENT

PATENT CLEAR	DWG. TYPE	SHOWN ON	SCALE	DO NOT SCALE PRINTS
	ASSEMBLY		FULL	
MICROFILMED	DESIGN ACCT NO	CATEGORY CODE	DWG NO	SIZE / REV
	8210-14	FE1100	21C8406	A