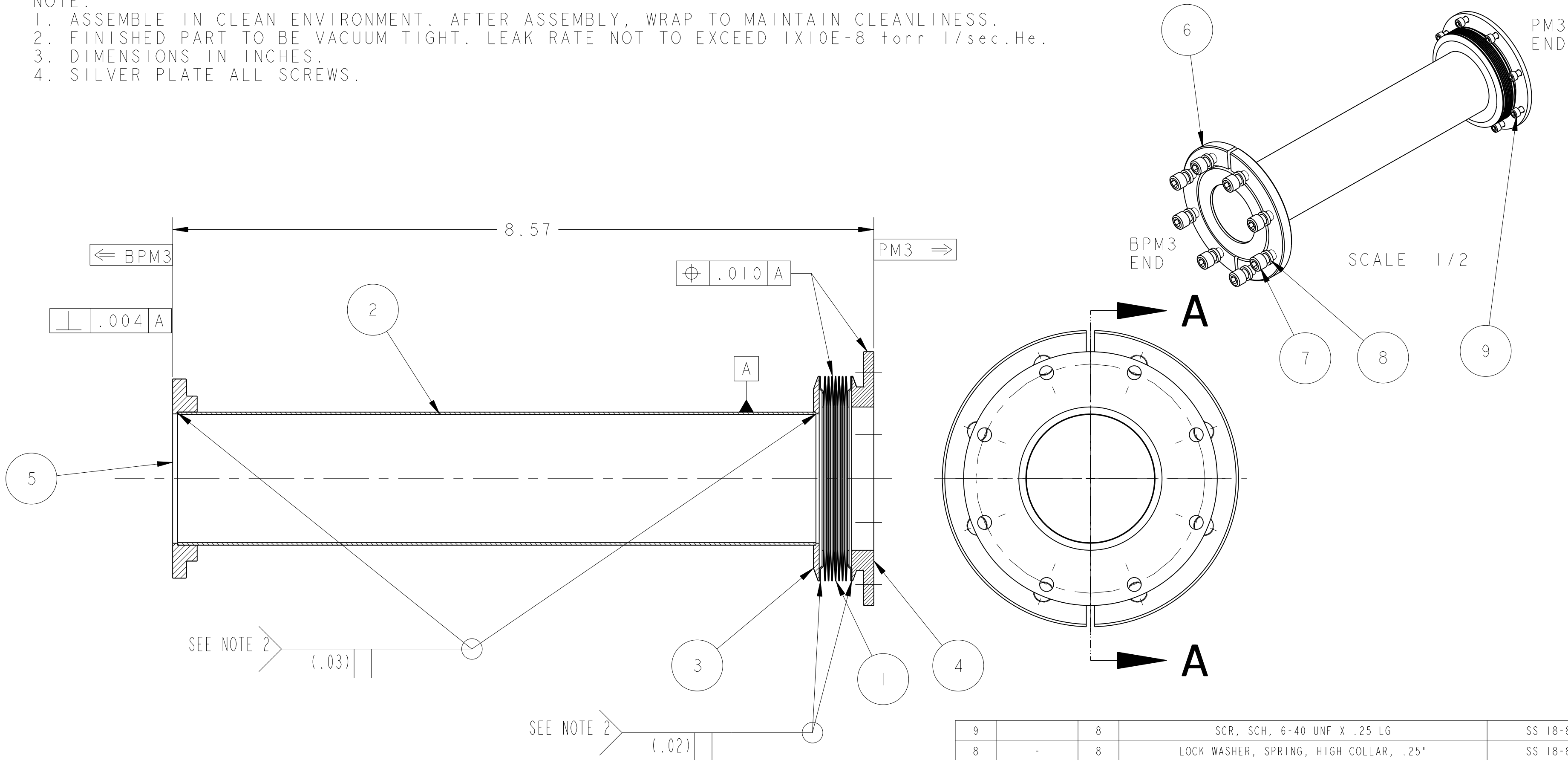


NOTE:
1. ASSEMBLE IN CLEAN ENVIRONMENT. AFTER ASSEMBLY, WRAP TO MAINTAIN CLEANLINESS.
2. FINISHED PART TO BE VACUUM TIGHT. LEAK RATE NOT TO EXCEED 1×10^{-8} torr l/sec.He.
3. DIMENSIONS IN INCHES.
4. SILVER PLATE ALL SCREWS.



SECTION **A-A**
(SPLIT FLANGE OMITTED
FOR CLARITY)

9		8	SCR, SCH, 6-40 UNF X .25 LG	SS 18-8
8	-	8	LOCK WASHER, SPRING, HIGH COLLAR, .25"	SS 18-8
7		8	SCR, SCH, .25-28 UNF X .75 LG	SS 18-8
6	25B691	1	SPLIT FLANGE, BP5, BPM3 SIDE	SS 304L
5	25B690	1	SEAL RING, BP5, BPM3 SIDE	SS 304L
4	25B689	1	FLANGE, BP5, PM3 SIDE	SS 304L
3	25B688	1	END PIECE, 40MM	SS 304L
2	25B4774-06	1	CUT LIST, BEAM TUBES	SS 304
1	25B172	1	40 MM BPM BELLOWS	347 STAINLESS STEEL
ITEM	PART NO	REQD	DESCRIPTION	MATERIAL

B			09-21-01	ADMINISTRATIVE	
A			08-24-01	INITIAL RELEASE	
REV	DWG	CHK	ZONE	DATE	CHANGES

UNLESS OTHERWISE SPECIFIED
PROJECTION: 
TOLERANCES
X.X ± 0.1 FRAC. ± 1/64
X.XX ± 0.02 Angles ± 1.0°
X.XXX ± 0.005 FINISH 
DO NOT SCALE PRINT
THREADS ARE CLASS 2
CHAMFER ENDS OF ALL SCREW TREADS 30°
CUT ROUND, 1.5 THREAD RELIEF ON MACHINED THREADS
BREAK EDGES .016 MAX. ON MACHINED WORK
REMOVE BURRS, WELD SPLATTER & LOOSE SCALE
IN ACCORDANCE WITH ASME Y14.5M & B46.1

SHOP ORDERS		
ACCT NO.	NO. REQD	SER NO.
DEL TO	DATE ISSD	DATE REQD
SURFACE TREATMT -		
IDENT METHOD TAG		
PROJECT NUMBER na		
PROJECT NAME N/A		
DWG BY R LA MANTIA	DATE 08-24-01	
CHK BY PAL	DATE 08-24-01	
APR BY DPO	DATE 08-24-01	



ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

SNS-FES MEBT
BEAM PIPES
DETAIL ASSEMBLY, BEAM PIPE 5

MICROFILMED: DWG. TYPE ASSEM SHOWN ON 25B611 SCALE: 1/1 DO NOT SCALE PRINTS

PATENT CLEAR: -

DESIGN ACCT. NO. FE3312

DWG. NO. 25B6873

SIZE B

REV. 1