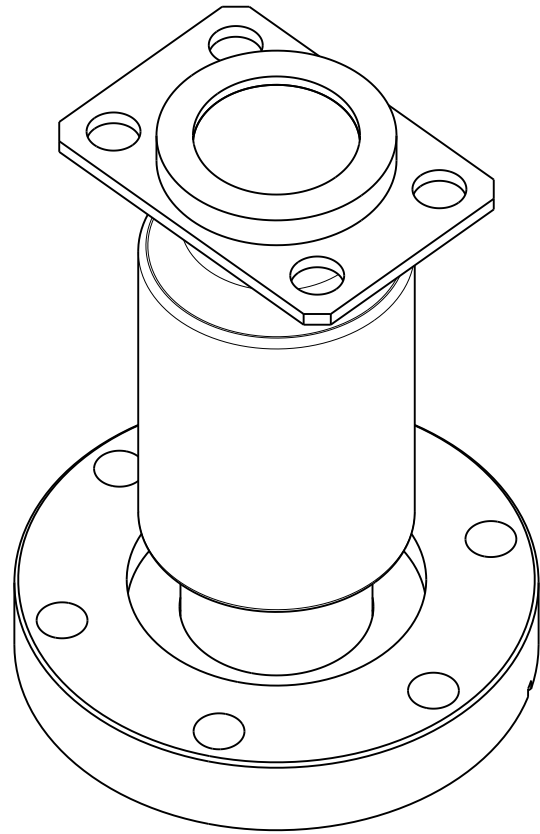
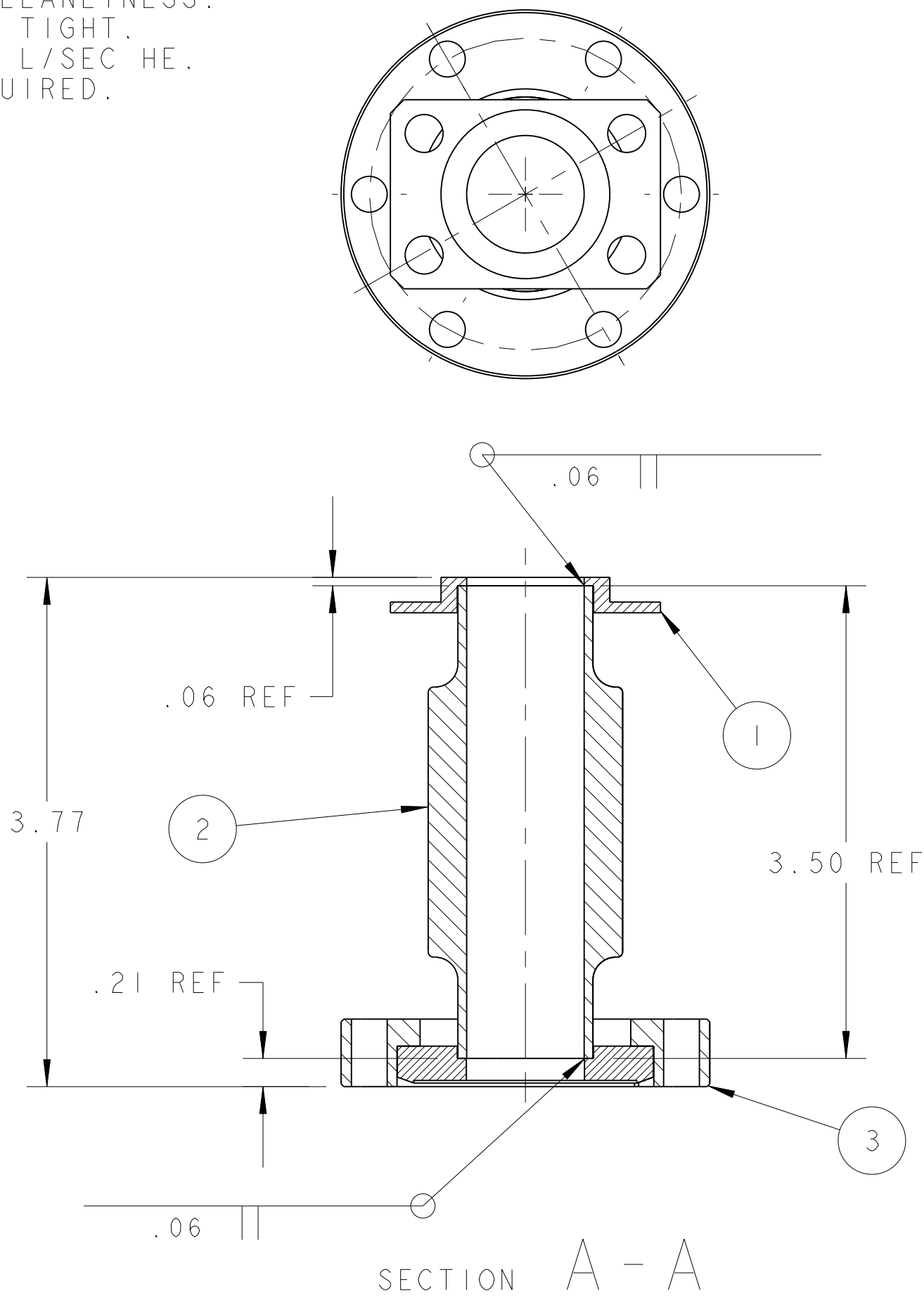


NOTES (UNLESS OTHERWISE SPECIFIED):
1) DIMENSIONS IN INCHES
2) ASSEMBLE IN CLEAN ENVIRONMENT.
AFTER ASSEMBLY, WRAP TO MAINTAIN CLEANLINESS.
3) FINISHED WELDMENT TO BE VACUUM TIGHT.
LEAK RATE NOT TO EXCEED 10^-8 TORR L/SEC HE.
4) UHV CLEANING AND PACKAGING REQUIRED.



3	MDC_100012	1	FLANGE, CONFLAT, 2-3/4" OD, CL HOLE, ROT, 1" ID		-
2	MDC_470503	1	BELLOWS, FORMED, 1" OD, MDC_470502		-
1	25B736	1	ADAPTER, PORT, STRAIGHT, PM5-VMFD		SS 304
ITEM	PART NO	REQD	DESCRIPTION		MATERIAL

SHOP ORDERS		SER NO. -	ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY UNIVERSITY OF CALIFORNIA - BERKELEY			
ACCT NO.	NO. REQD	DATE ISSD -				
DEL TO		DATE REQD -				
SURFACE TREATMT -				SNS - FES MEBT		
IDENT METHOD TAG	PM5 VACUUM MANIFOLD					
PROJECT NUMBER N/A	SPOOL, BELLOWS, CONFLAT, PM5-VMFD					
PROJECT NAME N/A						
DWG BY PAL	DATE 30-Oct-01	MICROFILMED:	DWG. TYPE ASSEM	SHOWN ON -	SCALE: 1/1	DO NOT SCALE PRINTS
CHK BY DPO	DATE 11/12/01	PATENT CLEAR:	DESIGN ACCT. NO. -	CATEGORY CODE FE3313	SHEET 1 OF 1	
APR BY DPO	DATE 11/12/01				DWG. NO. 25B7403	SIZE A

							UNLESS OTHERWISE SPECIFIED	
							PROJECTION: 	
						TOLERANCES	X.X ± 0.1	FRAC. ± 1/64
							X.XX ± 0.01	Angles ± 0.1°
							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	
A	PAL	DPO		11/12/01	INITIAL RELEASE		BREAK EDGES .016 MAX. ON MACHINED WORK	
REV	DWG	CHK	ZONE	DATE			REMOVE BURRS, WELD SPLATTER & LOOSE SCALE	
					CHANGES		IN ACCORDANCE WITH ASME Y14.5M & B46.1	