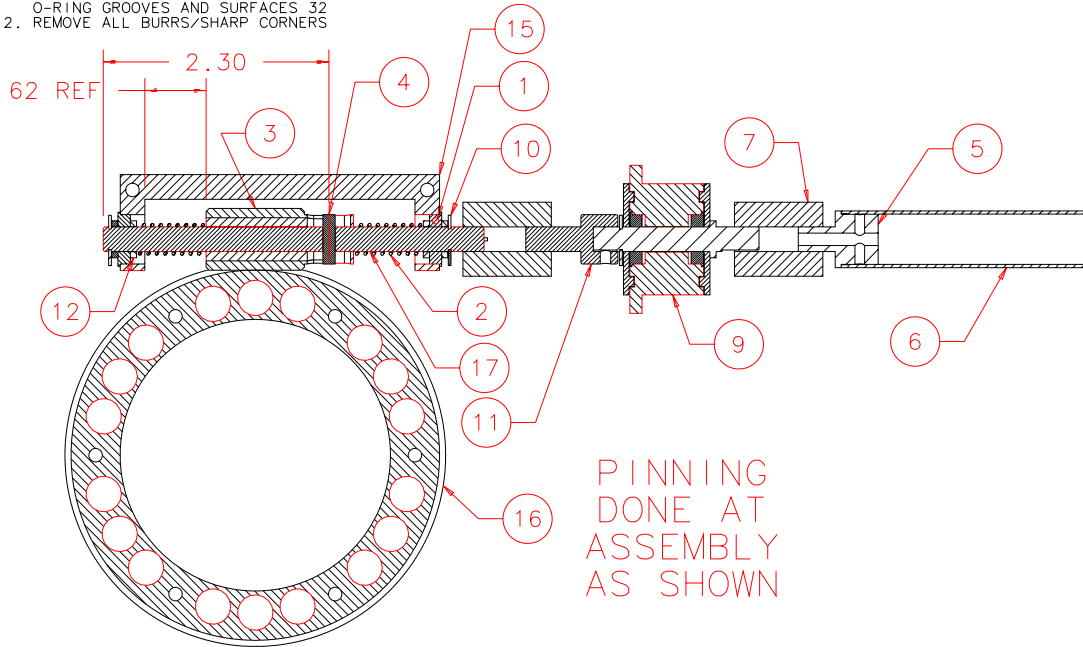
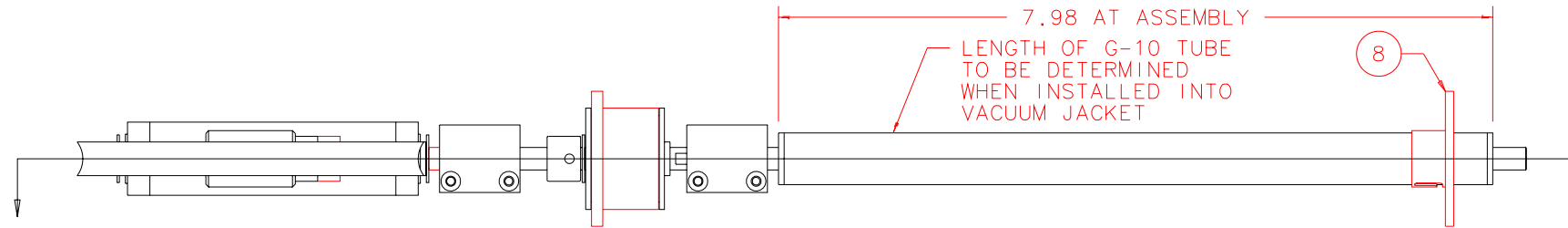


NOTES: UNLESS OTHERWISE NOTED

1. MACHINED SURFACE ROUGHNESS 64
O-RING GROOVES AND SURFACES 32
2. REMOVE ALL BURRS/SHARP CORNERS



SECTION A-A



FRONT

BILL OF MATERIAL

NO.	REQ'D	REF DRW	DESCRIPTION	MATERIAL
N/A	1	SJ2-001A	DRIVE	N/A
1	2	N/A	BALL BEARING B2-11(BERG)	STAINLESS
2	2	N/A	COMPR. SPRING MC022H15-B(M&R)	STAINLESS
3	1	SP2-001A	CUSTOM WORM(ASSEMBLY)	N/A
4	1	N/A	DOWEL D14-10(BERG)	STAINLESS
5	2	SP0-013A	END TRIM	ALU 6061-T6
6	1	SJ2-011A	G-10 TUBE	G-10
7	2	N/A	HELICAL CPLG ACR075-8-8	ALU
8	1	SP0-023A	LIGHT BAFFLE	ALU 6061-T6
9	1	SP4-001A	LIGHT SHIELD(ASSEMBLY)	N/A
10	2	N/A	RETAINER Q1-25(BERG)	STAINLESS
11	1	SJ2-012A	SHAFT EXTENSION	STAINLESS 303
12	4	N/A	SHAFT SPACER SS2-32(BERG)	STAINLESS

14	1	N/A	STEPPER	N/A
15	1	SJ2-013A	WORM BRACKET	ALU 6061-T6
16	1	SJ4-025A	WORM GEAR MOD W16B37-S60	BRONZE
17	1	SJ2-014A	WORMSHAFT	STAINLESS 303

REVDATE: 04/15/99	REVISION: UPDATE DRAWING
REVDATE: N/A	REVISION: N/A
DATE: 01/27/98	INSTITUTE FOR ASTRONOMY 2680 WOODLAWN DR. HONOLULU, HI 96822
DESIGN: STAHLBERGER	
DRAWN: STAHLBERGER	INSTRUMENT: SPEX - CROSS DISPERSED SPECTROGRAPH
APPR'D: J. RAYNER	PART NAME: DRIVE
TOLERANCES	
X.X	+/- .015
X.XX	+/- .005
X.XXX	+/- .002
ANGLE	+/- 30 min
FRACTION	+/- 1/32
DRW NO: SJ2-001A	SCALE: 1:2
SIZE: A	JOS NO: 725
SHEET: 1 OF 1	

PLOT:10/19/99

SJ0-001B
NEXT ASSY