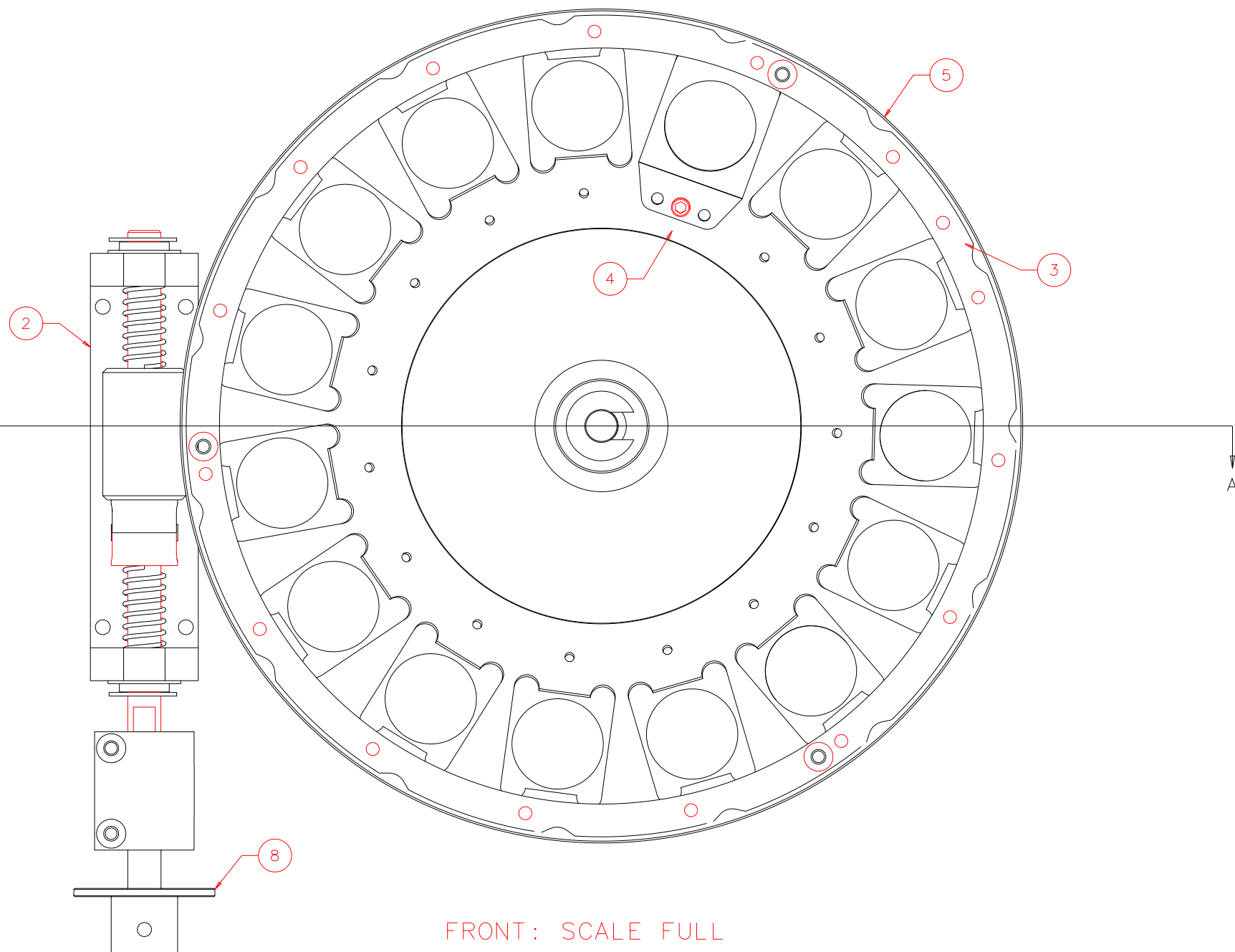
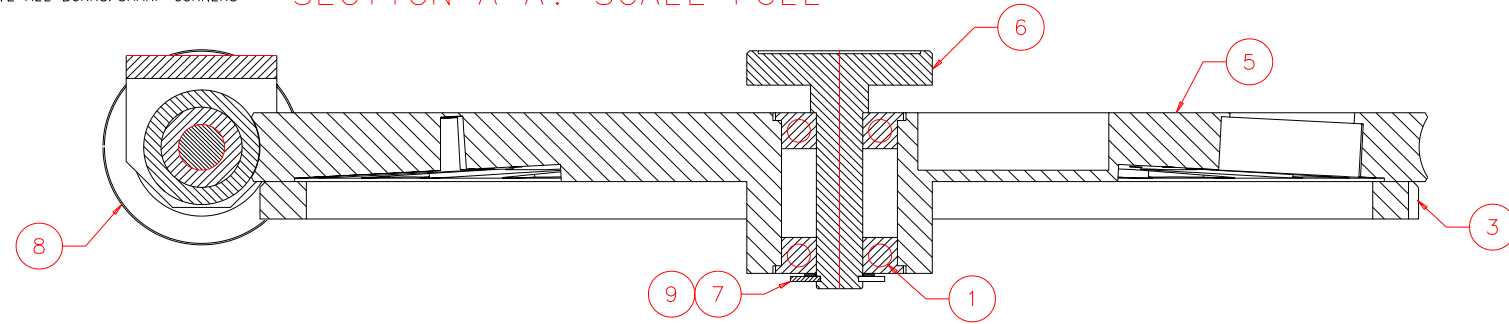


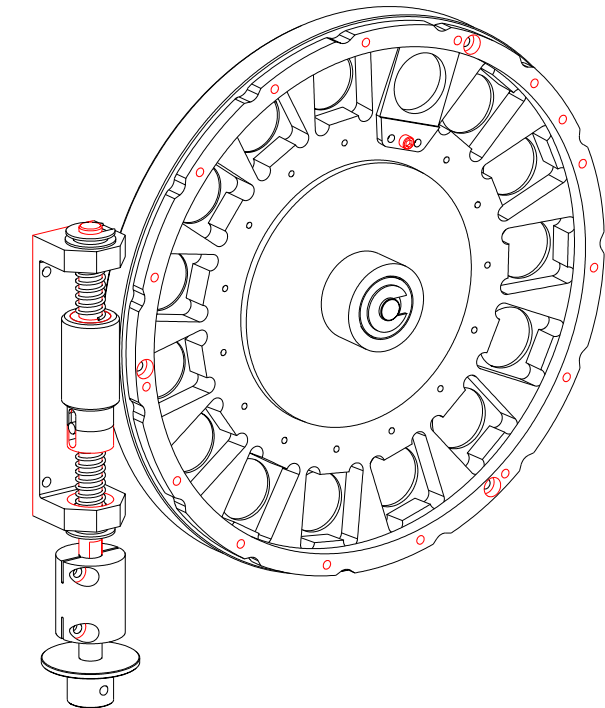
NOTES: UNLESS OTHERWISE NOTED
 1. MACHINED SURFACE ROUGHNESS 64
 O-RING GROOVES AND SURFACES 32
 2. REMOVE ALL BURRS/SHARP CORNERS

SECTION A-A: SCALE FULL



FRONT: SCALE FULL

BILL OF MATERIAL				
NO.	REQ'D	REF DRW	DESCRIPTION	MATERIAL
N/A	1	SG3-001B	FILTER WHEEL OS1	N/A
1	2	N/A	BALL BEARING B2-7(BERG)	STAINLESS
2	1	SP1-001A	COMPLIANT WORM(ASSEMBLY)	N/A
3	1	SG3-011B	DETENT RING	ALU 6061-T6
4	15	SP0-016A	FILTER RETAINER	PHOS.BRONZE
5	1	SG3-012B	FILTER WHEEL 3DEGTILT	BRONZE
6	1	SG3-013A	FILTER WHEEL SHAFT	STAINLESS 303
7	1	N/A	RETAINER Q1-25(BERG)	STAINLESS
8	1	SG3-014A	SHAFT EXTENSION OS1	STAINLESS 303
9	1	N/A	SHAFT SPACER SS2-61(BERG)	STAINLESS



ISOVIEW 2: SCALE 1:2

PLOT: 10/19/99

SG0-001B	REVD: N/A	REVISION: N/A	INSTITUTE FOR ASTRONOMY
NEXT ASSY	DATE: 05/28/98	2680 WOODLAWN DR. HONOLULU, HI 96822	
	DESIGN: STAHLBERGER	INSTRUMENT: SPEX - CROSS DISPERSED SPECTROGRAPH	
	DRAWN: STAHLBERGER	PART NAME: FILTER WHEEL OS1	
	APPR'D: J. RAYNER	TELESCOPE: IRTF	
	TOLERANCES		
	X.X	+/- .015	DRW NO: SG3-001B
	X.XX	+/- .005	SCALE: NOTED
	X.XXX	+/- .002	SIZE: B
	ANGLE	+/- 30 min	JOS NO: 725
	FRACTION	+/- 1/32	SHEET: 1 OF 1