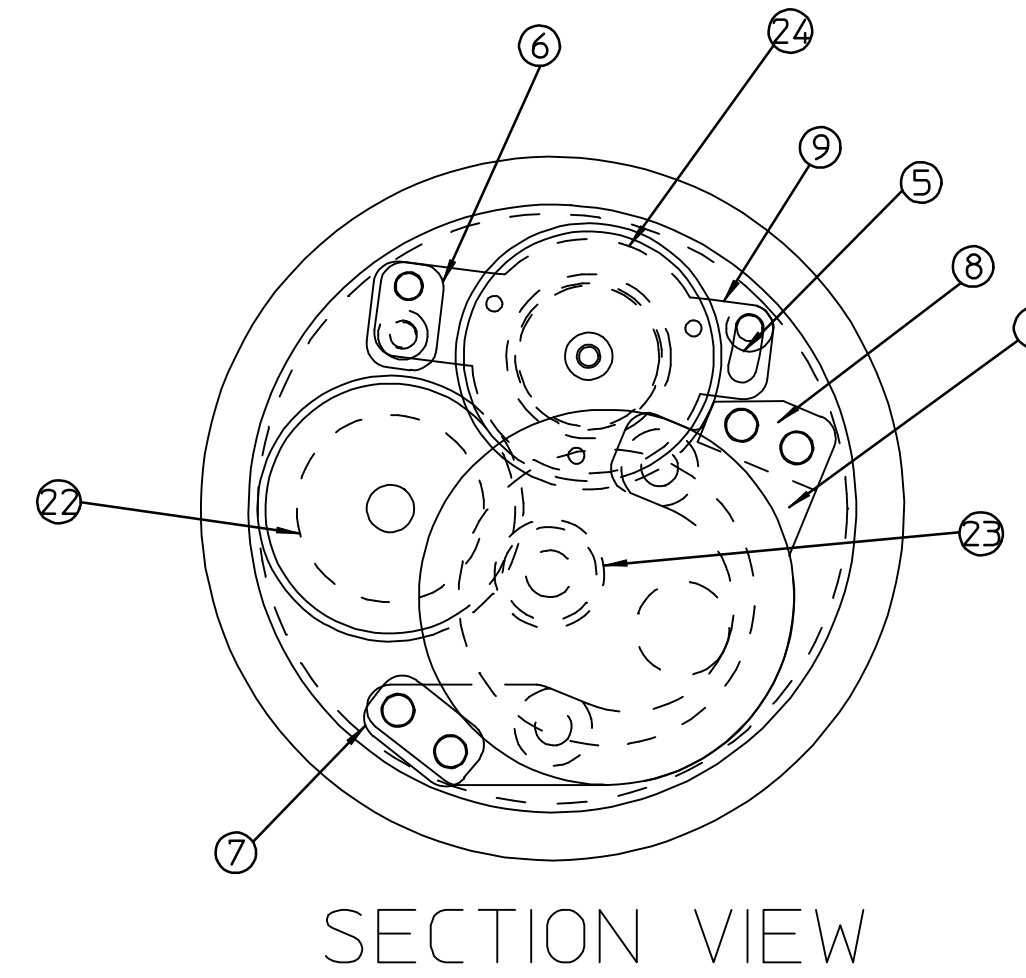
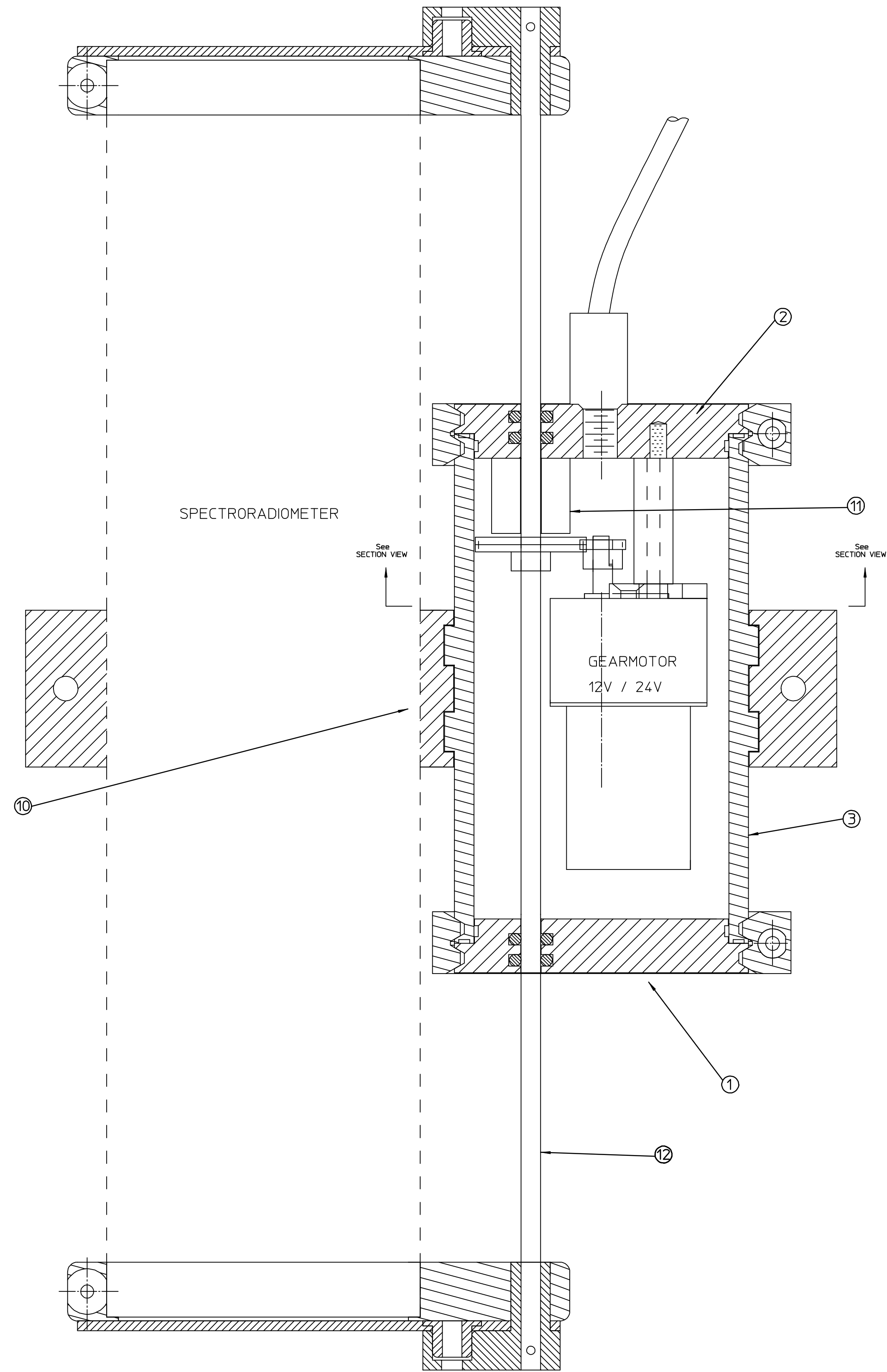


NOTES:

REV	CHANGE	INIT.	DATE
C	1. Changed motor mount and spacers. 2. Added gear potentiometer. 3. Changed shaft length. 4. Modified top housing cover.		19MAY1997
D	1. Changed #25 to eliminate the need for a hose clamp.		27OCT1997
A	1. Drill thru. 2. Add Counterbore. 3. Add Spotface.	FFS	4APR98



QTY	NO.	DESCRIPTION	MATL	ZONE
2 Ea.	27	O-RING, 2-041	BUNA-N	
2 Ea.	26	O-RING, 2-043	BUNA-N	
2 Ea.	25	Clamp, Compression	Delrin	
1 Ea.	24	Gear, Molded Spur, 24 Pitch, 32 Teeth Stock Drive # AIM2-Y24032		
1 Ea.	23	Gear, Spur, 24 Pitch, 12 Teeth Stock Drive # AIM2-Y24032	2024 Al	
1 Ea.	22	Gear, Anti-Backlash, 24 Pitch, 32 Teeth Pin Type, Stock Drive # S1A86A-P024S032	St. Stl.	
4 Ea.	21	Helicoil, 8-32	St. Stl.	
3 Ea.	20	Helicoil, 6-32	St. Stl.	
1 Ea.	19	Potentiometer, Servo, Midori item CP-2FK M		
1 Ea.	18	Gearmotor, Pittman, GM9413, 12VDC		
4 Ea.	17	Bushing, Paddle Isolator	Black Delrin	
4 Ea.	16	Isolator, Paddle	Black Delrin	
2 Ea.	15	Paddle	Copper	
2 Ea.	14	Clamp, Spectroradiometer End	Black Delrin	
4 Ea.	13	O-ring, Shaft Seal, Parker #2-108	Nitrile	
1 Ea.	12	Shaft, Paddle	316 St. Stl.	
1 Ea.	11	Spacer, Shaft Gear	Delrin	
1 Ea.	10	Clamp, Shutter	UHMW	
1 Ea.	9	Bracket, Potentiometer Support	6061-T6 Al	
1 Ea.	8	Spacer, Right Motor	6061-T6 Al	
1 Ea.	7	Spacer, Left Motor	6061-T6 Al	
1 Ea.	6	Spacer, Large Potentiometer	6061-T6 Al	
1 Ea.	5	Spacer, Small Potentiometer	6061-T6 Al	
1 Ea.	4	Bracket, Motor Support	6061-T6 Al	
1 Ea.	3	Housing	Black Delrin	
1 Ea.	2	Cover, Upper Housing	Black Delrin	
1 Ea.	1	Cover, Lower Housing	Black Delrin	
		-101 FINAL ASSEMBLY		

TOLERANCES UNLESS SPECIFIED OTHERWISE DO NOT SCALE UNITS INCHES - DEGREES		DRAWN BY: F. SHANE ENGINEER: F. SHANE		DATE: 16 MAY 1997		DATE: 16 MAY 1997			
FRACTIONS - +/- 1/16 X - +/- 1 .XX - +/- .01 .XXX - +/- .005 ∠ - +/- .5°		CHECKED: _____		DATE: _____		DATE: _____		DRAWING TITLE: SPECTRORADIOMETER LENS PROTECTION MOTOR	
		APPROVED: _____		DATE: _____		DATE: _____		DRAWING NUMBER: 2116DWG-1.00	
		APPROVED: _____		DATE: _____		DATE: _____		REV SHEET: G 1 of 4	