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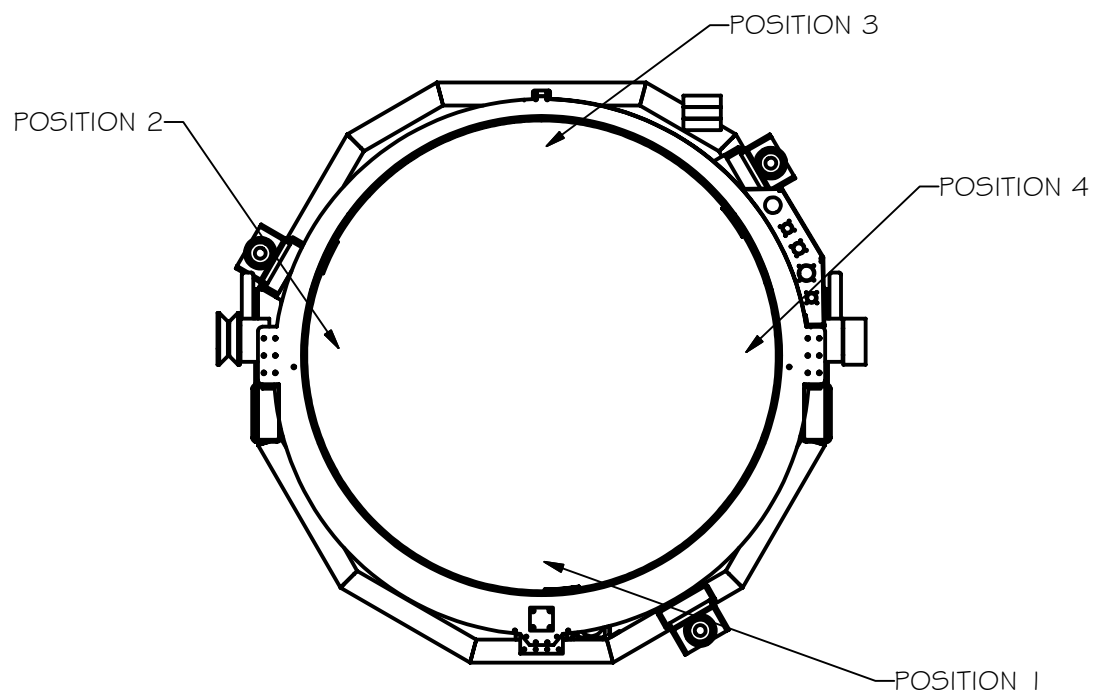
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REV	DRWN	CHK'D	DATE	DESCRIPTION
				FLEXURE MEASUREMENTS. TAKEN 8/24/05 BY: JIM WARD, MATT THOMPSON, JEFF LEWIS

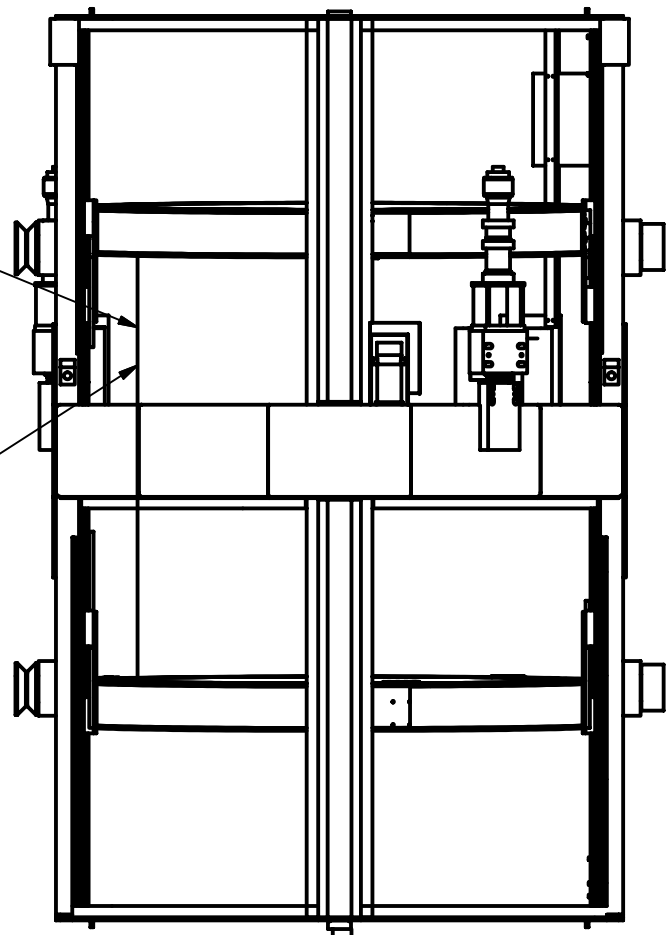
MEASUREMENTS IN INCHES

DISTANCE	POSITION	VERTICAL	HORIZONTAL	DIFFERENCE
RETRACTED	1	2.379	2.411	0.032
	2	2.340	2.373	0.033
	3	2.337	2.372	0.035
	4	2.369	2.405	0.036
	1 FRAME	0.038	0	0.038
	3 FRAME	0.090	0	0.090
	THETA X TILT 1 - 3	0.042	0.039	
THETA Y TILT 2 - 4	-0.029	-0.032		
DEPLOYED	1	63.060	63.067	0.007
	2	63.056	63.060	0.004
	3	63.045	63.072	0.027
	4	63.065	63.080	0.015
	1 FRAME	0.485	0.500	0.015
	3 FRAME	0.122	0.200	0.078
	THETA X TILT 1 - 3	0.015	-0.005	
THETA Y TILT 2 - 4	-0.009	-0.020		



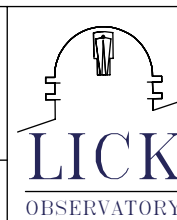
MEASURE BETWEEN PRISMS  
AT SEPARATION 1600 / 1700 MM  
± AT 20MM  
4 PLACES

MEASURE BETWEEN  
FORWARD PRISM AND  
FRAME AT POSITIONS 1 & 3  
(PLACE BAR ACROSS OPENING)



MAXIMUM RELATIVE TILT BETWEEN INNER SURFACES OF PRISMS  
IS THETA X, RETRACTED WITH ADC VERTICAL: 0.042" = 0.06 DEG.  
TOLERANCE FOR THIS TILT IS 0.2 DEG.

TOLERANCES UNLESS OTHERWISE NOTED:  
FRACTIONAL: 0"-6": ±1/64" 6"-24": ±1/32"  
24"+: ±1/16"  
DECIMAL: X.X: ±0.1000" X.XX: ±0.0100"  
X.XXX: ±0.0050" X.XXXX: ±0.0001"  
ANGLES: ±0.5° FINISH: 125 MICRO INCHES  
BREAK ALL SHARP EDGES & CORNERS 1/64" MAX



DRAWN	vernon	3/9/2005
CHECKED		
DESIGNED	vernon	
ENGINEER	vernon	

Cassegrain ADC	
TITLE FLEXURE MEASUREMENTS	
PROJECT CODE	DWG NO
N/A	test_3
REV	A

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