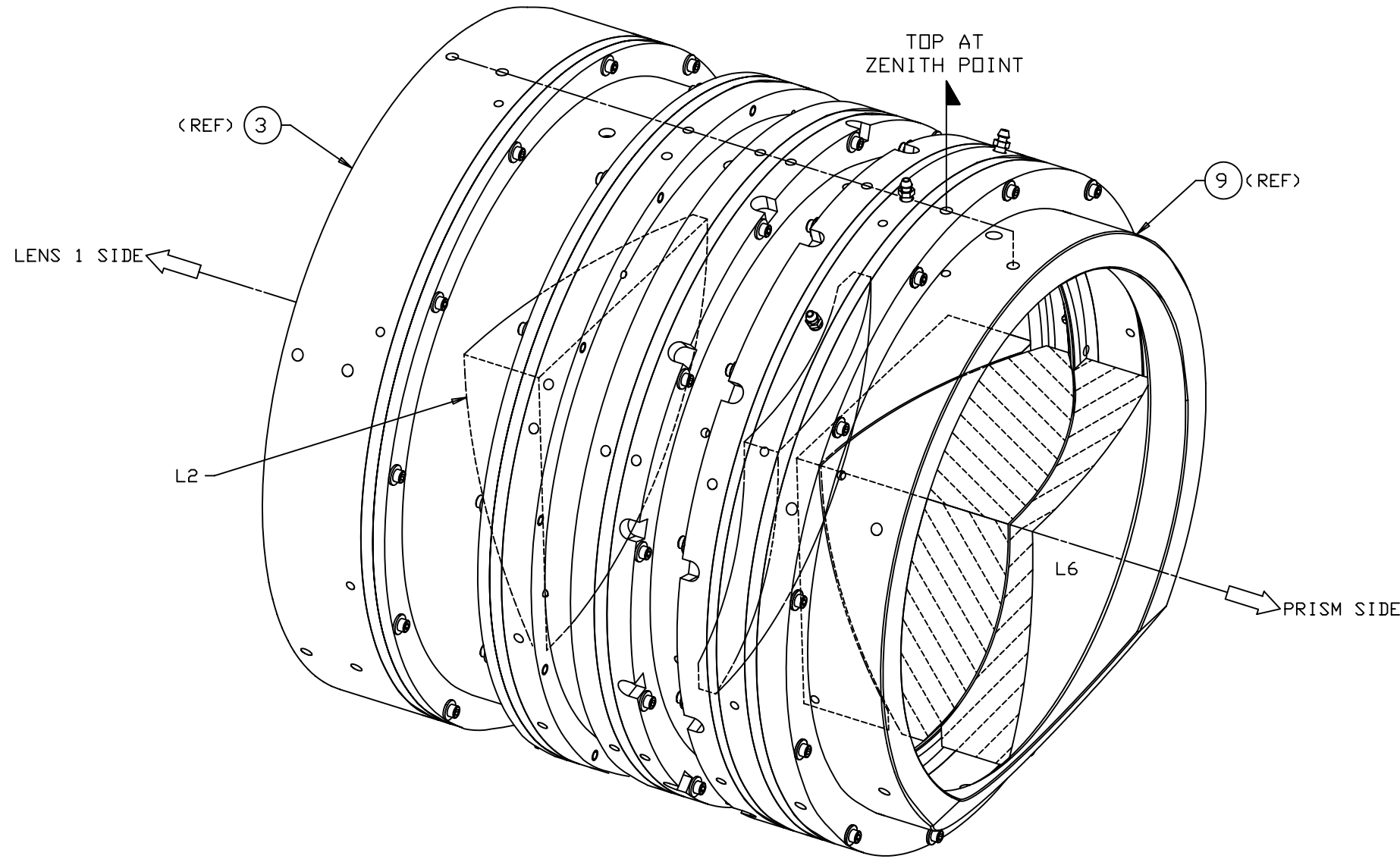


REVISIONS				
LTR	DESCRIPTION	DATE	REVISED BY	APPROVED
A	INITIAL RELEASE	4/27/04	R. NAGY	G. LANDIS
B	UPDATED TO REDESIGNED BEVELED LENS CELLS 2 & 3; REVISED NOTE 3	6/29/04	R. NAGY	M. REED
C	SHT 1 ONLY (SHT 2 & 3 REMAIN AT REV B), LIST OF MAT'L ITEM 17 WAS 95862A192 (DVG CORRECTION); NOT A DESIGN CHANGE	9/24/04	R. NAGY	M. REED



ISO VIEW
SCALE NTS
ADDITIONAL ASSEMBLY VIEWS ON SHTs 2 & 3

QTY PER ASSY	-3	-2	-1	PART NUMBER	PART DESCRIPTION	MANUFACTURER or MAT'L SPEC	ITEM NO.
				AR	SYLGARD 184	RTV	DOW CORNING 19
							18
				16	95862A194	SETScrew, FLAT PT, SLOTTED, .164-32 UNC x .50 LG, NYLON	McMASTER-CARR 17
				36	90126A509	WASHER, FLAT, SAE LOW-STRENGTH STL, #6 x .38 OD x .036-.065, Zn-PLT	McMASTER-CARR 16
				12	91251A155	SHCS, .138-32 UNC-2A x 1.25 LG, ALLOY STEEL, BLACK FINISH	McMASTER-CARR 15
				24	91251A152	SHCS, .138-32 UNC-2A x .875 LG, ALLOY STEEL, BLACK FINISH	McMASTER-CARR 14
				12	91251A146	SHCS, .138-32 UNC-2A x .38 LG, ALLOY STEEL, BLACK FINISH	McMASTER-CARR 13
							12
							11
							10
				1	13550	LENS 4 TO 6 ASSEMBLY	9
				6	13485-2	LENS 3 CLIP	8
				6	13485-1	LENS 2 CLIP	7
				3	13204	LENS CAN SPACER BLANK	6
				1	13200	LENS 3 CELL	5
				1	13199	LENS CELL SPACER SPOOL	4
				1	13198	LENS 2 CELL	3
				1	12872	LENS-ELEMENT 3	2
				1	12871	LENS-ELEMENT 2	1

NOTES:

1. REQUIRED DOCUMENTS:

- A. 12880 OPTICAL SYSTEM DRAWING
- B. SP13549 LENS CAN ALIGNMENT PROCEDURE

2 FINAL THICKNESS DIMENSION OF ITEM 6 SPACER BLANK BETWEEN EACH LENS CELL IS AS SPECIFIED PER ALIGNMENT PROCEDURE.

3 AFTER ALIGNMENT OF LENSES IN CELLS & ATTACHMENT OF ITEMS 7 & 8 LENS CLIP:

- A. FILL IN BEVELED AREAS OF LENS CELLS SHOWN IN DETAIL C (SHT 3) WITH PUTTY AS SPECIFIED IN ALIGNMENT PROCEDURE.
- B. ENCAPSULATE LENSES IN CELLS USING ITEM 19 RTV ALL AROUND IN AREAS ALSO SHOWN IN DETAIL C (SHT 3).

DO NOT SCALE DRAWING		THIS DRAWING CREATED IN:		Steward Observatory, University of Arizona 933 N. Cherry Avenue, Tucson, AZ 85721 (520)621-7659			
INTERPRET DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-94		ACAD	MECH	IDEAS	DESIGNED BY: D. DEAN	DATE: 12/2/03	CATEGORY: MMT
TOLERANCES UNLESS OTHERWISE SPECIFIED LINEAR .XX = NA ANGULAR .XXX = NA DIAMETRICAL SEE SPEC S-002		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	DRAWN BY: R. NAGY	12/5/03	PROJECT: MAESTRO
DIMENSIONS ARE IN INCHES / DIMENSIONS IN [] ARE METRIC					CHECKED BY: G. LANDIS	4/14/04	TITLE: LENS CAN LENS 2 TO 6 ASSEMBLY
MATERIAL					APPROVED: S. MATHEWS	4/27/04	
-		13194	MMT		APPROVED: M. REED	4/27/04	
FINISH					APPROVED: J. BECHTOLD	4/27/04	
-		NEXT ASSY	USED ON				
ASSEMBLY APPLICATION		CURRENT TIME/DATE/FILE LOCATION:		PLOT SIZE: SCALE:		DRAWING NUMBER: REVISION:	
		DRAWING ARCHIVE LOCATION: http://dsv.inci.as.arizona.edu/acad/default.html		D -		13473 C	
						SHEET 1 OF 3	