

NOTES CONTINUED:

- 5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. A VIBRATORY TOOL MAY BE USED.
EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX
- 6. APPROXIMATE WEIGHT = .48 lb. [.22 kg.]
- 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
- 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 9. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS OR PLUGS UNLESS APPROVED IN ADVANCE IN WRITING BY LIGO). REFER TO LIGO SPECIFICATION E0900364.
- 10. ALL TAPPED HOLES: USE .005 OVERSIZE DRILLS & TAPS (4-40 UNC-2B HOLES EXCLUDED).

REV.	DATE	DCN #	DRAWING TREE #
v1	09/28/2010	E1000383-v1	
v2	10/22/2010	E1000602-v1	
v3	12/7/2010	E1000839-v1	
v4	24 JAN 2011	E1100062-v1	

D

C

B

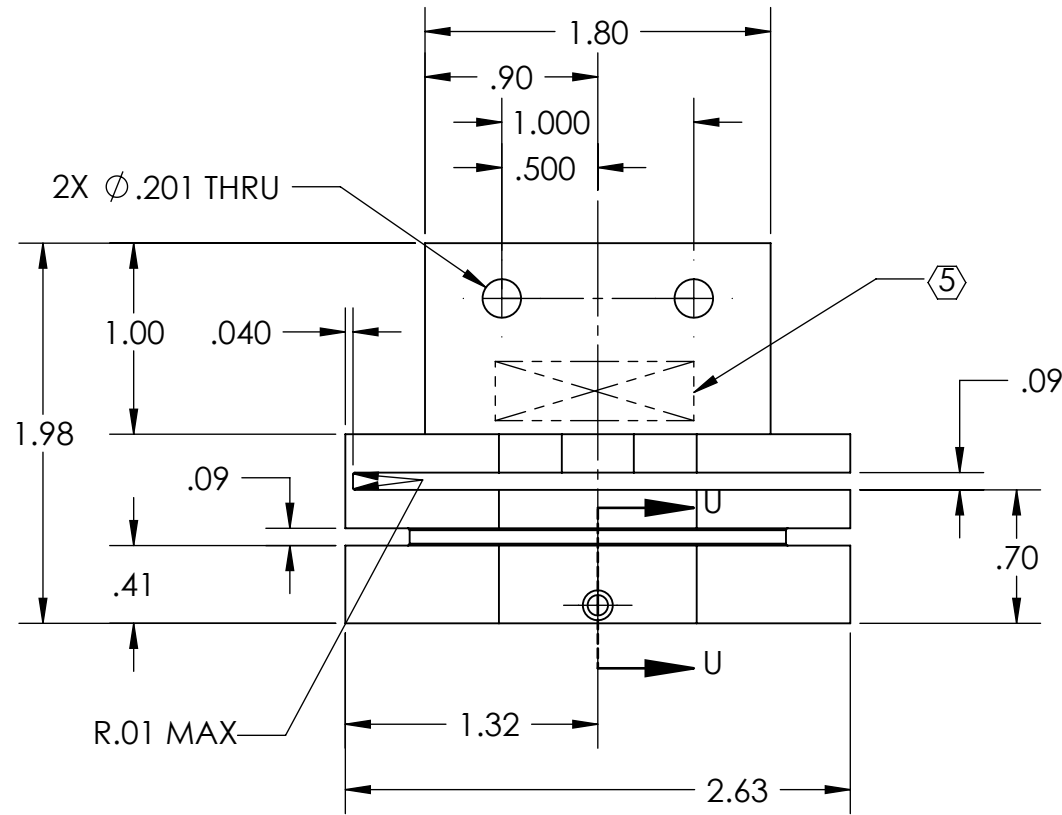
A

D

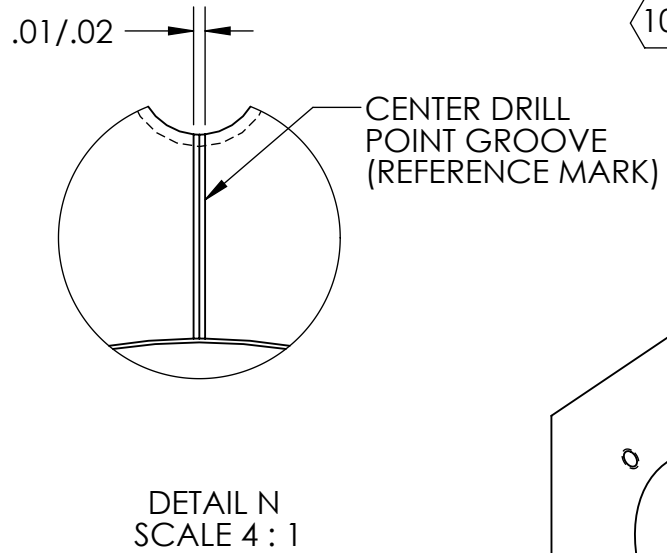
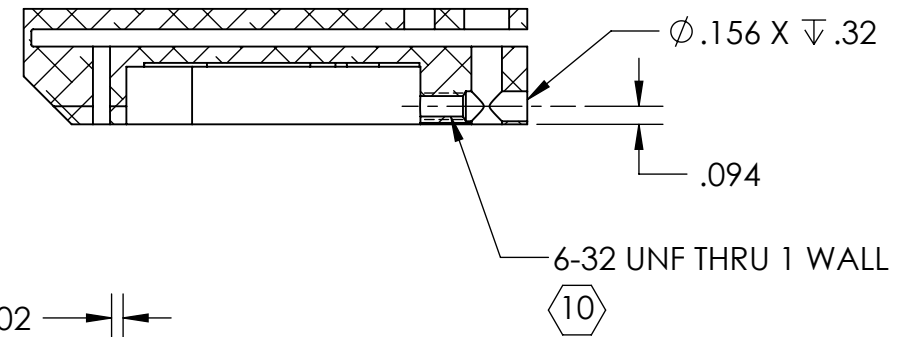
C

B

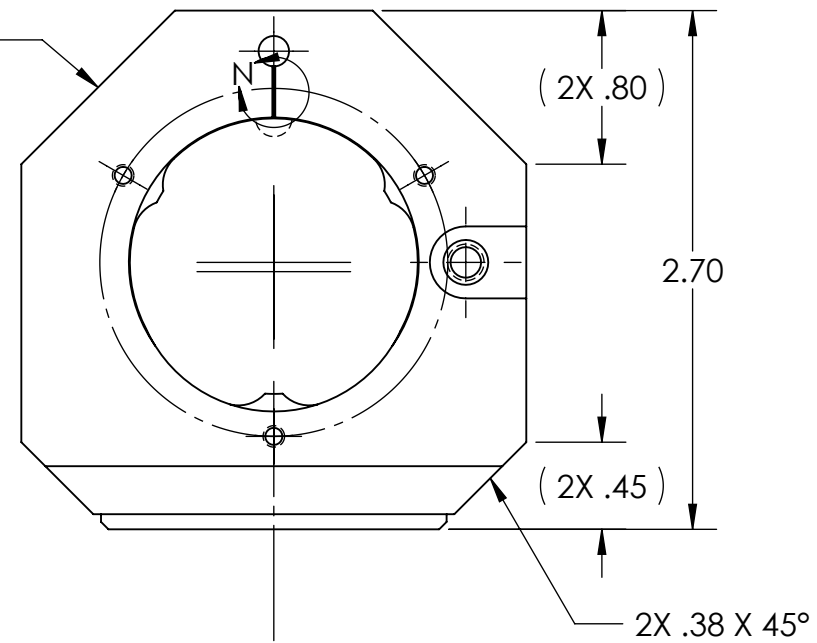
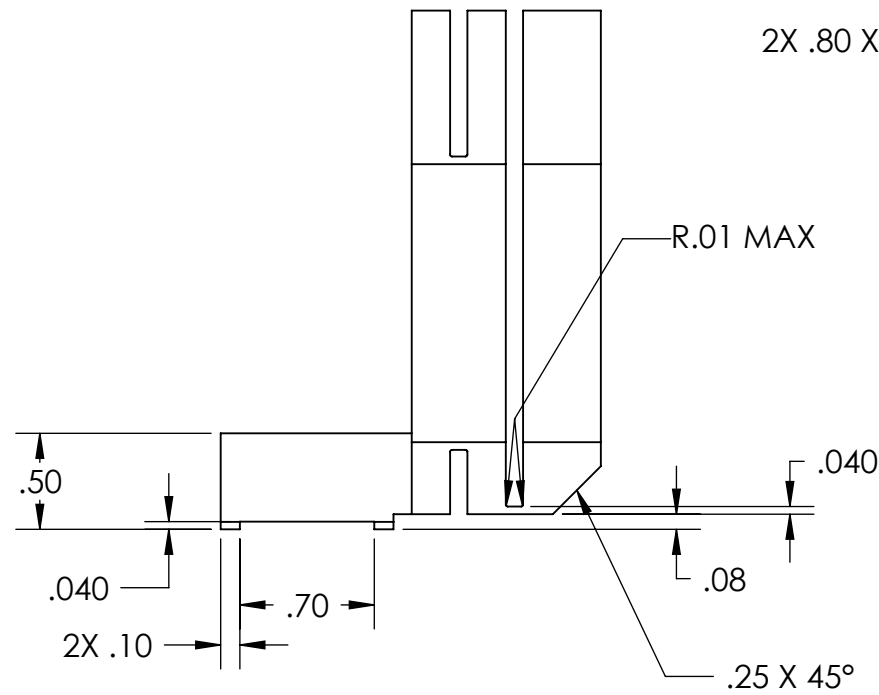
A



SECTION U-U



LOCATION LAND 3 PLACES REF.



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES		1. INTERPRET DRAWING PER ASME Y14.5-1994.	
TOLERANCES:		2. REMOVE ALL SHARP EDGES, R.02 MIN.	
.XX ± .01		3. DO NOT SCALE FROM DRAWING.	
.XXX ± .005		4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.	
ANGULAR ± 1.0°		MATERIAL	6061-T6 Al
		FINISH	63 µinch Ra

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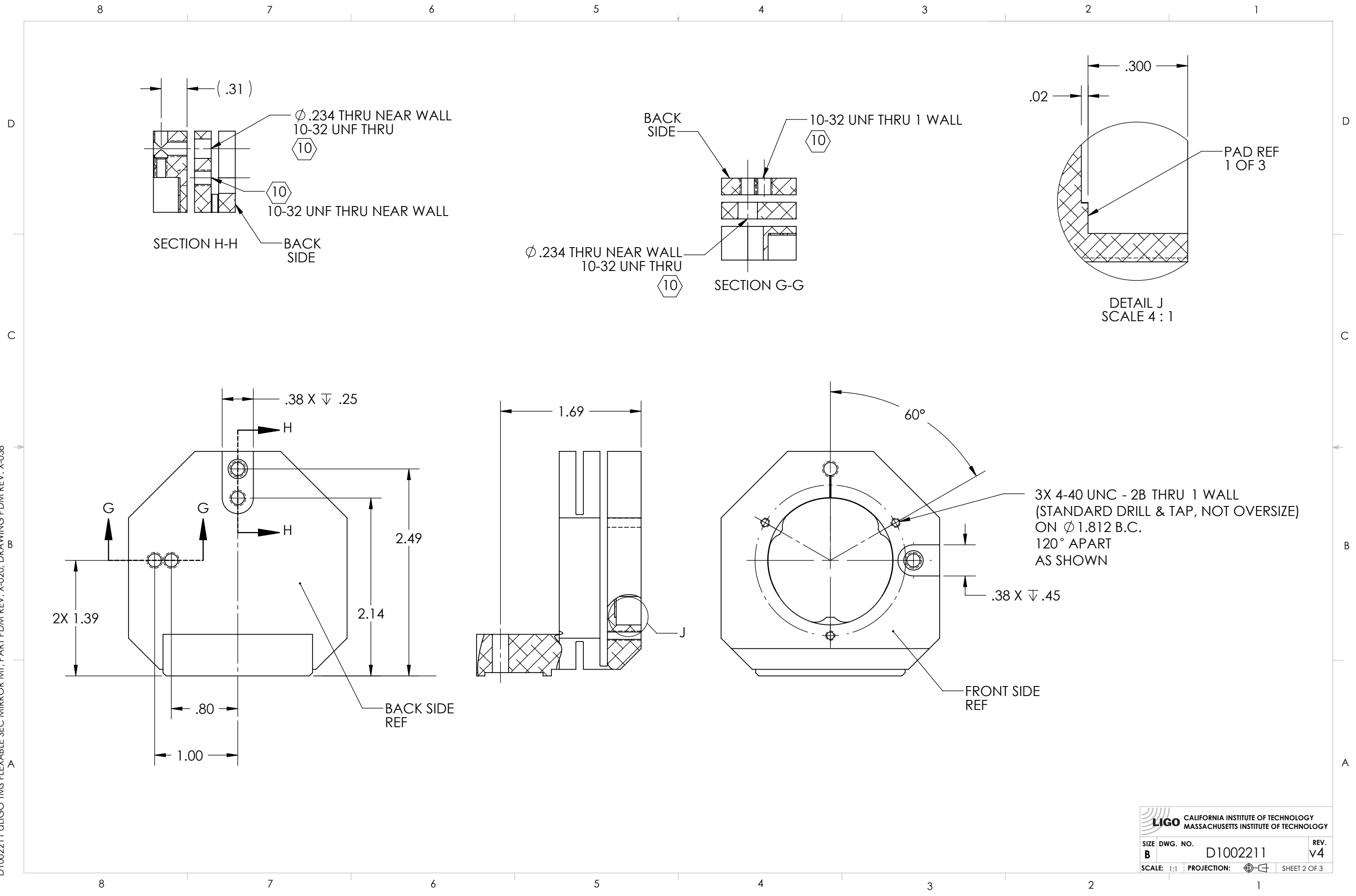
SYSTEM: **ADVANCED LIGO** SUB-SYSTEM: **AOS**

NEXT ASSY: **D1002210**

PART NAME: **ALIGO TMS FLEXIBLE SEC MIRROR MOUNT**

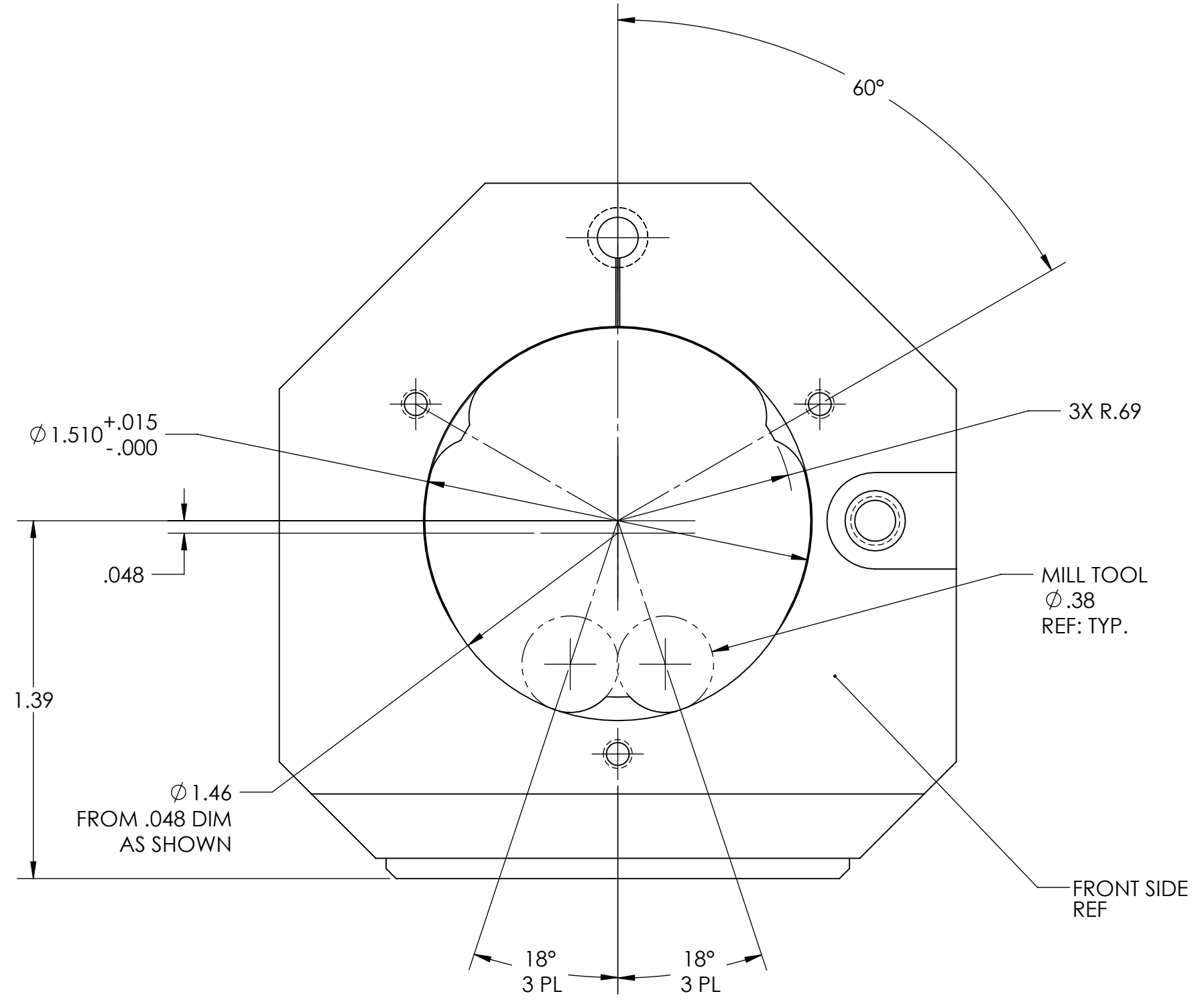
DESIGNER	K. MAILAND	08/12/2010	SIZE	DWG. NO.	REV.
DRAFTER	M. MILLER	08/18/2010	B	D1002211	v4
CHECKER			SCALE: 1:1	PROJECTION:	SHEET 1 OF 3
APPROVAL					


D1002211 dLIGO TMS FLEXIBLE SEC MIRROR MT, PART PDM REV: X-020, DRAWING PDM REV: X-038



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SIZE DWG. NO.	REV.
B D1002211	v4
SCALE: 1:1	PROJECTION: SHEET 2 OF 3

D1002211 dLIGO TMS FLEXIBLE SEC MIRROR MT, PART PDM REV: X-020, DRAWING PDM REV: X-038



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SIZE	DWG. NO.	REV.
B	D1002211	v4
SCALE: 1:1	PROJECTION:	SHEET 3 OF 3