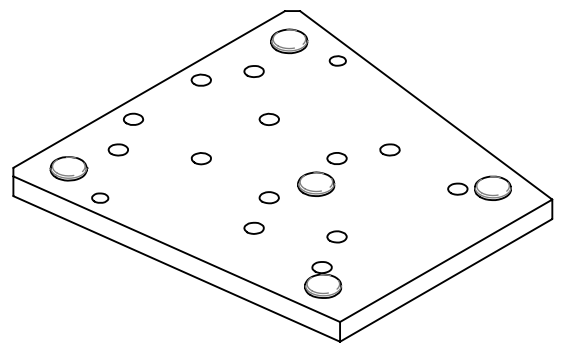
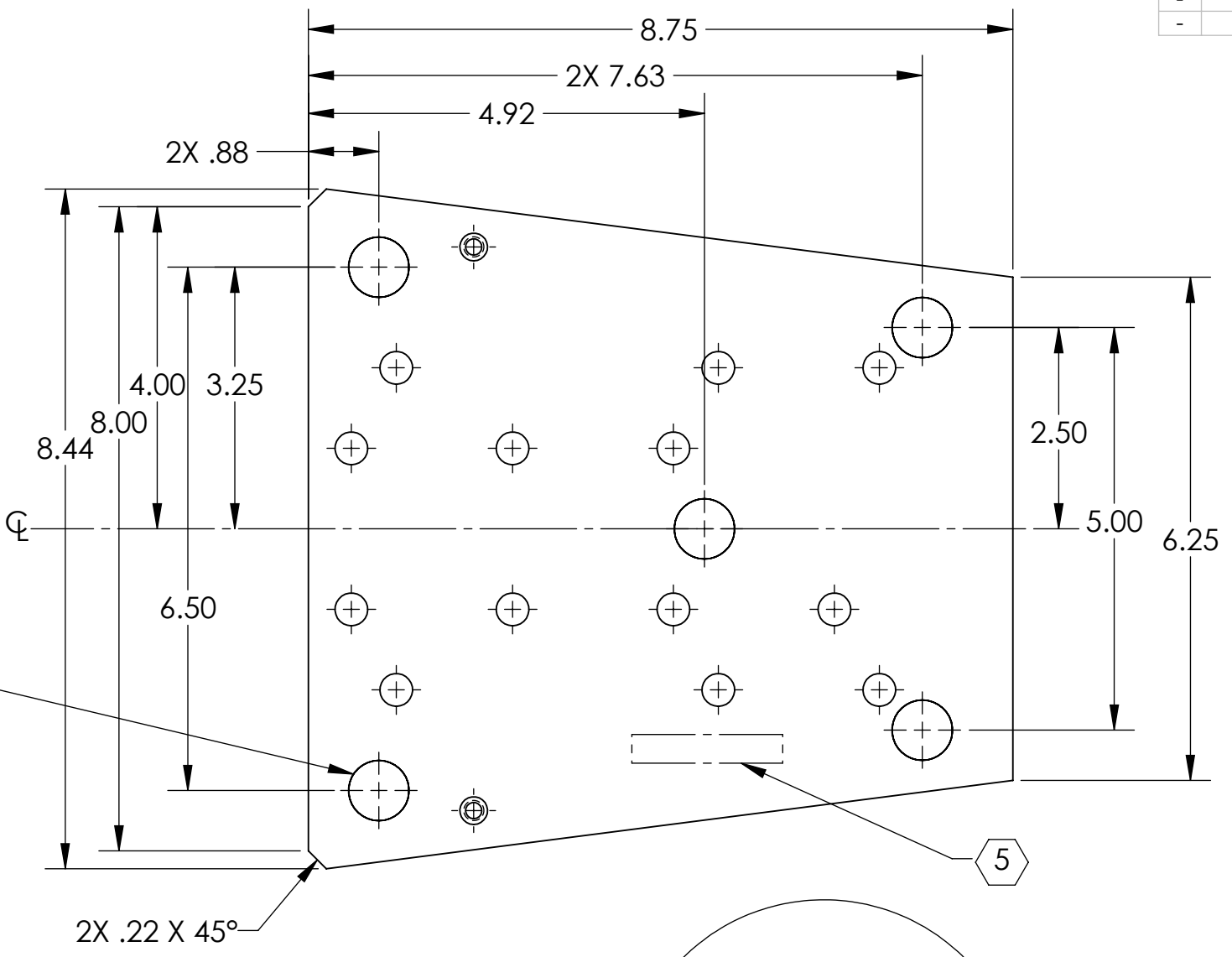


**NOTES CONTINUED:**  
 5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX

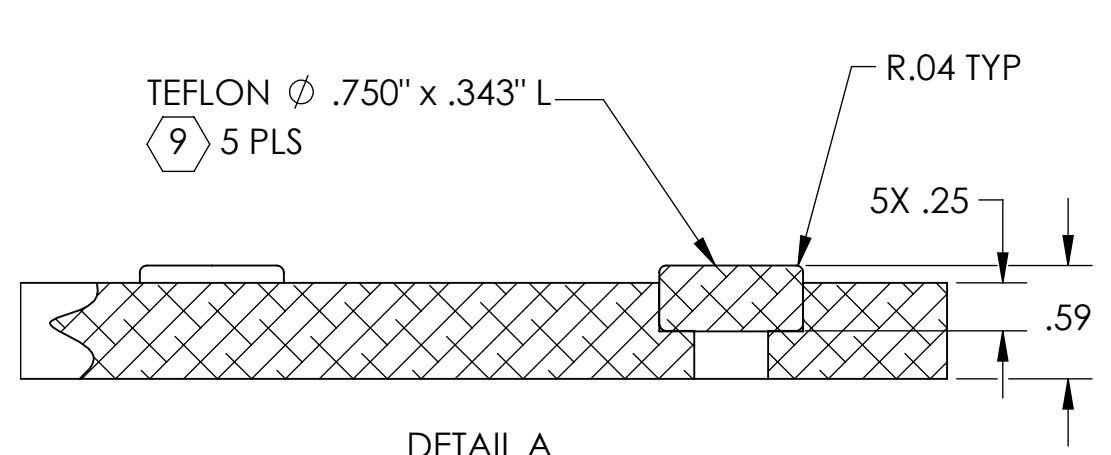
REV.	DATE	DCN #	DRAWING TREE #
v1	28 JUN 2012	-	-
-	-	-	-
-	-	-	-

- 6. APPROXIMATE WEIGHT = 3.06 LBS.
- 7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 8. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.
- 9. TEFLON PFA 440 HP (PRESHRUNK)



GENERAL VIEW FOR REFERENCE ONLY NO SCALE

MAKE DIAMETR TO MATE WITH TEFLON IN DETAIL "A" FOR A PRESS FIT



DETAIL A SCALE 1:1

**NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)**

DIMENSIONS ARE IN INCHES

TOLERANCES:  
 .XX ± .01  
 .XXX ± .005  
 ANGULAR ± 1.0°

1. INTERPRET DRAWING PER ASME Y14.5-1994.  
 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS.  
 3. DO NOT SCALE FROM DRAWING.  
 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

MATERIAL	6061-T6 Al	FINISH	63 μinch
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CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME <b>ITM ELLIPTICAL XY_INTERFACE FIXTURE SLIDER</b>	
SYSTEM	ADVANCED LIGO	SUB-SYSTEM	AOS
DESIGNER	TQ. NGUYEN	12 APR 2012	SIZE DWG. NO.
DRAFTER	TQ. NGUYEN	28 JUN 2012	<b>B</b>
CHECKER	L. AUSTIN		<b>D1200604</b>
APPROVAL	M. SMITH		REV. <b>v1</b>
SCALE: 1:2		PROJECTION:	
		SHEET 1 OF 2	

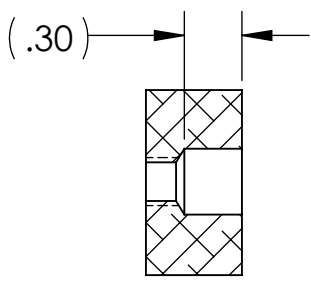
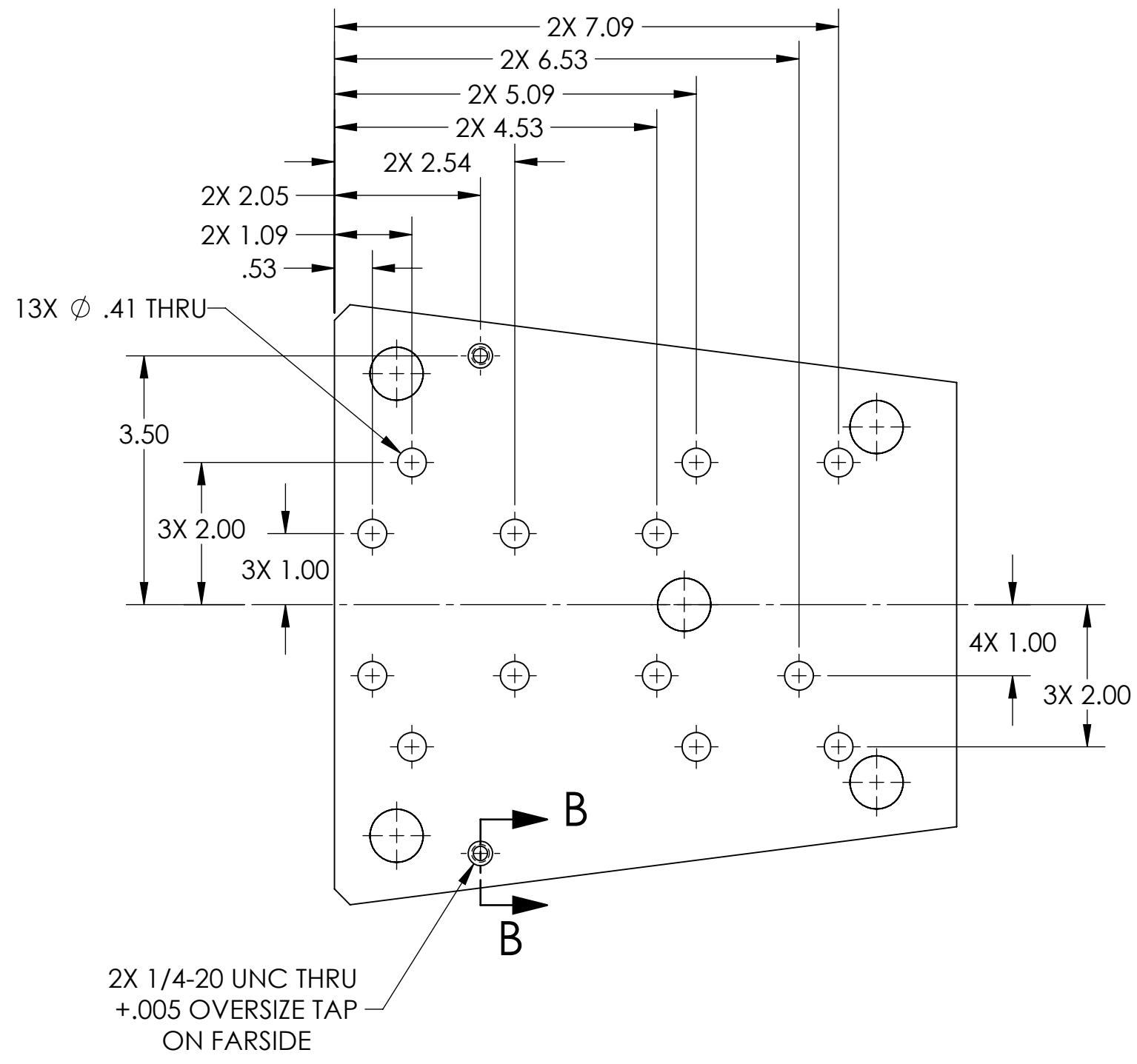
D1200604\_ITM\_Elliptical\_XY\_Interface\_Fixture\_Slider, PART PDM REV: X-003, DRAWING PDM REV: X-004

D1200604\_ITM Elliptical XY\_Interface Fixture Slider, PART PDM REV: X-003, DRAWING PDM REV: X-004

8 7 6 5 4 3 2 1

D  
C  
B  
A

D  
C  
B  
A



SECTION B-B  
SCALE 1 : 1

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE	DWG. NO.	REV.
B	D1200604	v1
SCALE: 1:2	PROJECTION:	SHEET 2 OF 2

8 7 6 5 4 3 2 1