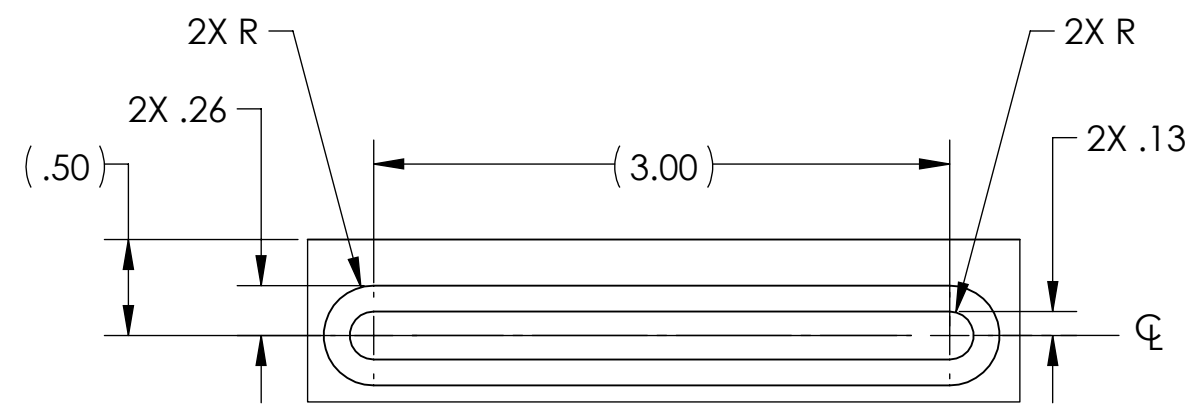


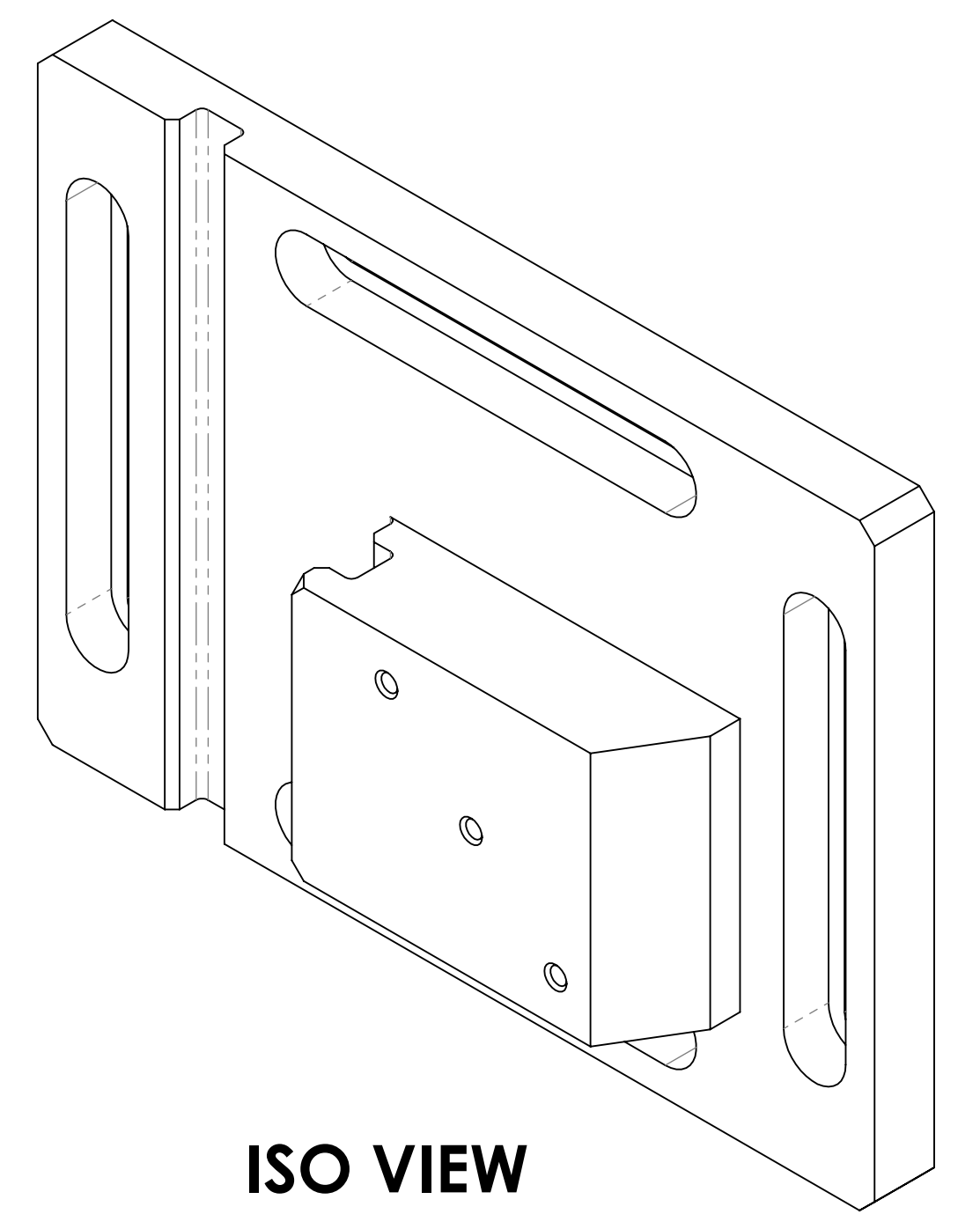
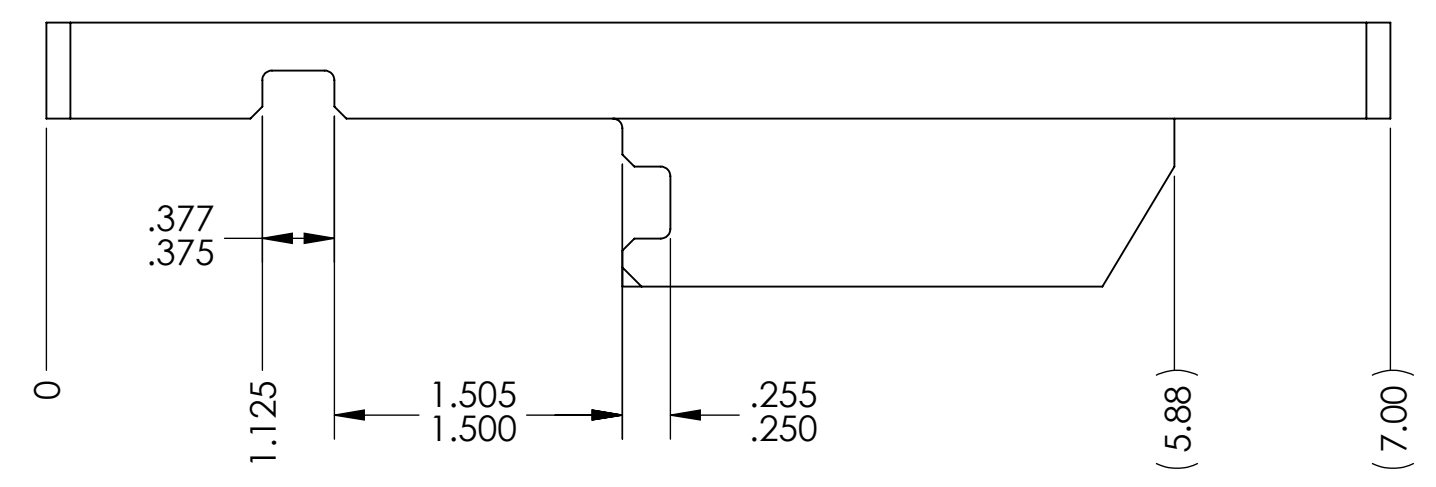
- NOTES CONTINUED:**
5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR 'TYPE' IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 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
  6. APPROXIMATE WEIGHT = 1.387 LB
  7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364
  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, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.



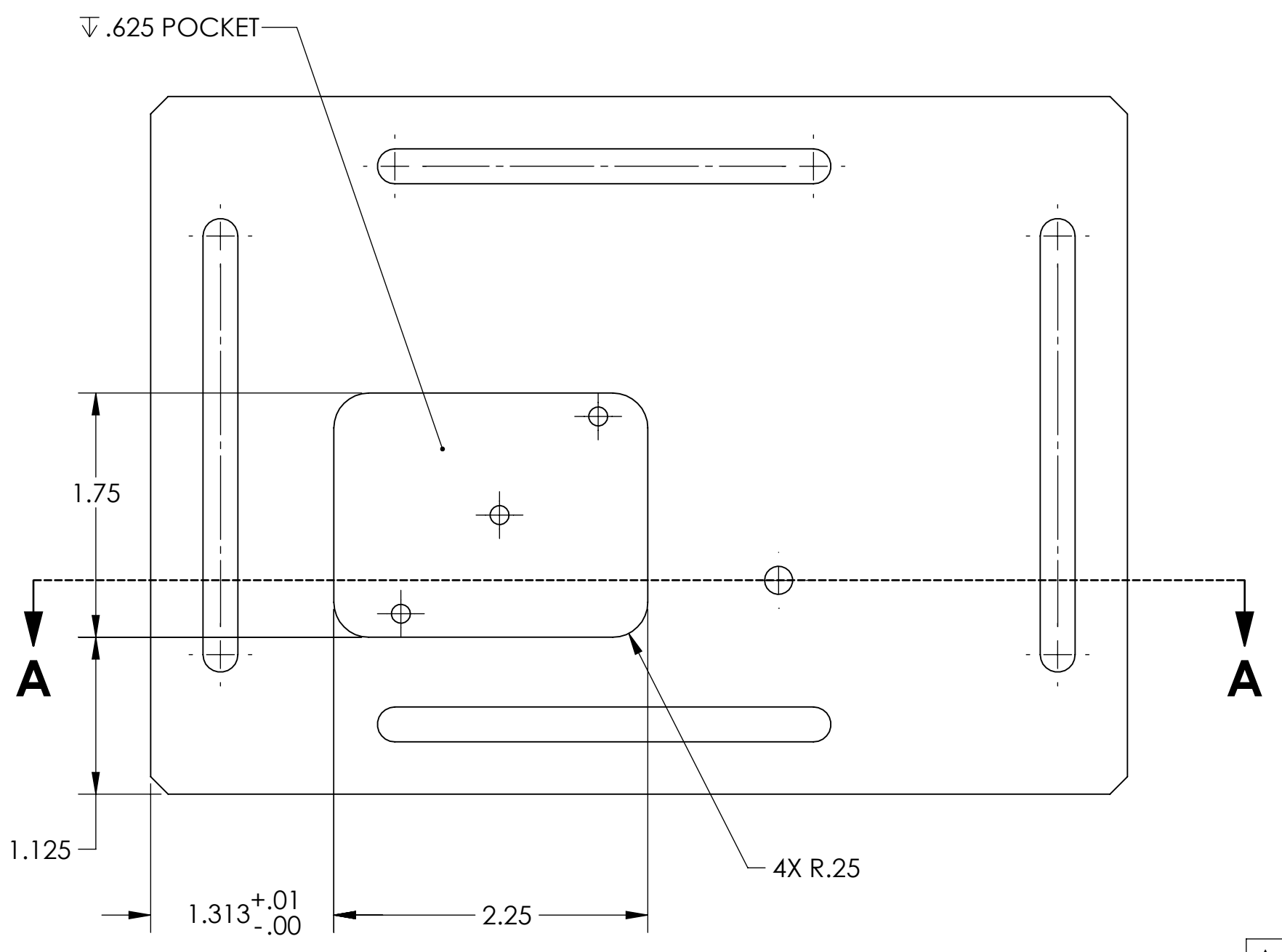
**DETAIL C  
2 PL.  
SCALE 1 : 1**

TYPE	DESCRIPTION
-01	X-ARM CONFIG. (SHEET 1)
-02	Y-ARM CONFIG. (SHEET 2)

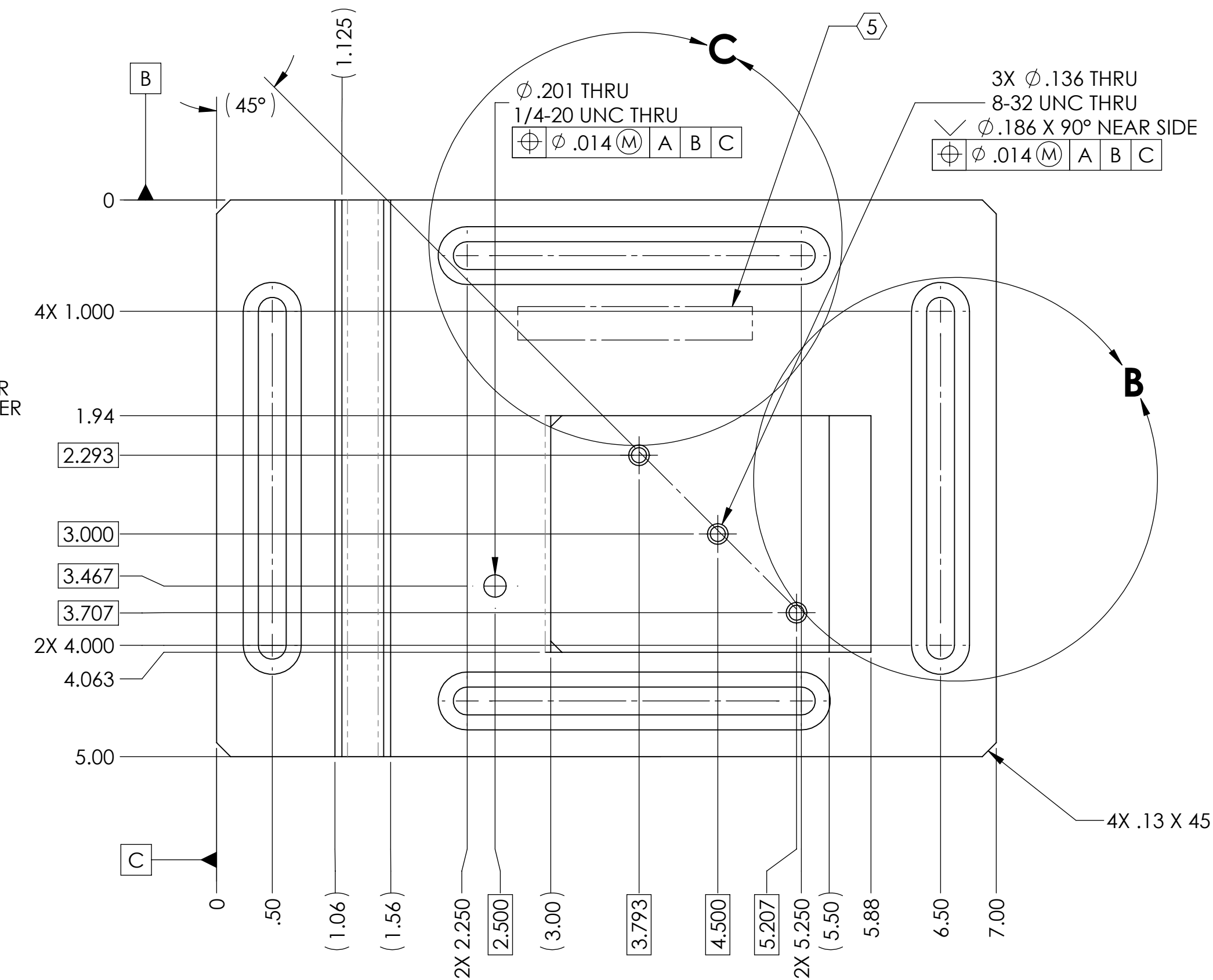
REV.	DATE	DCN #	DRAWING TREE #
v1	02 NOV 2012	E1200891-x0	E1201007-v2
v2	19 SEPT 2013	E1300729-x0	E1201007-v3



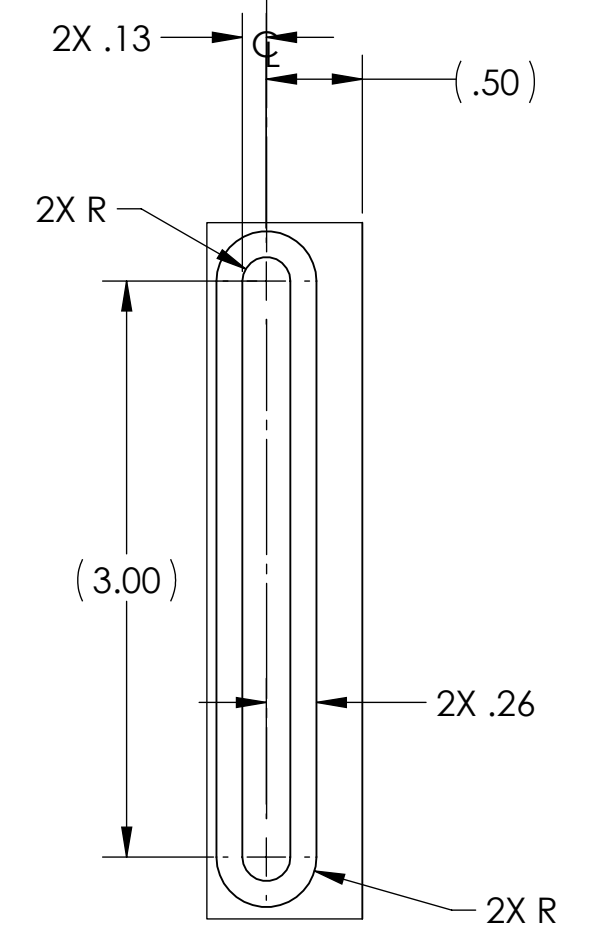
**ISO VIEW**



**SECTION A-A  
SCALE 1 : 1**



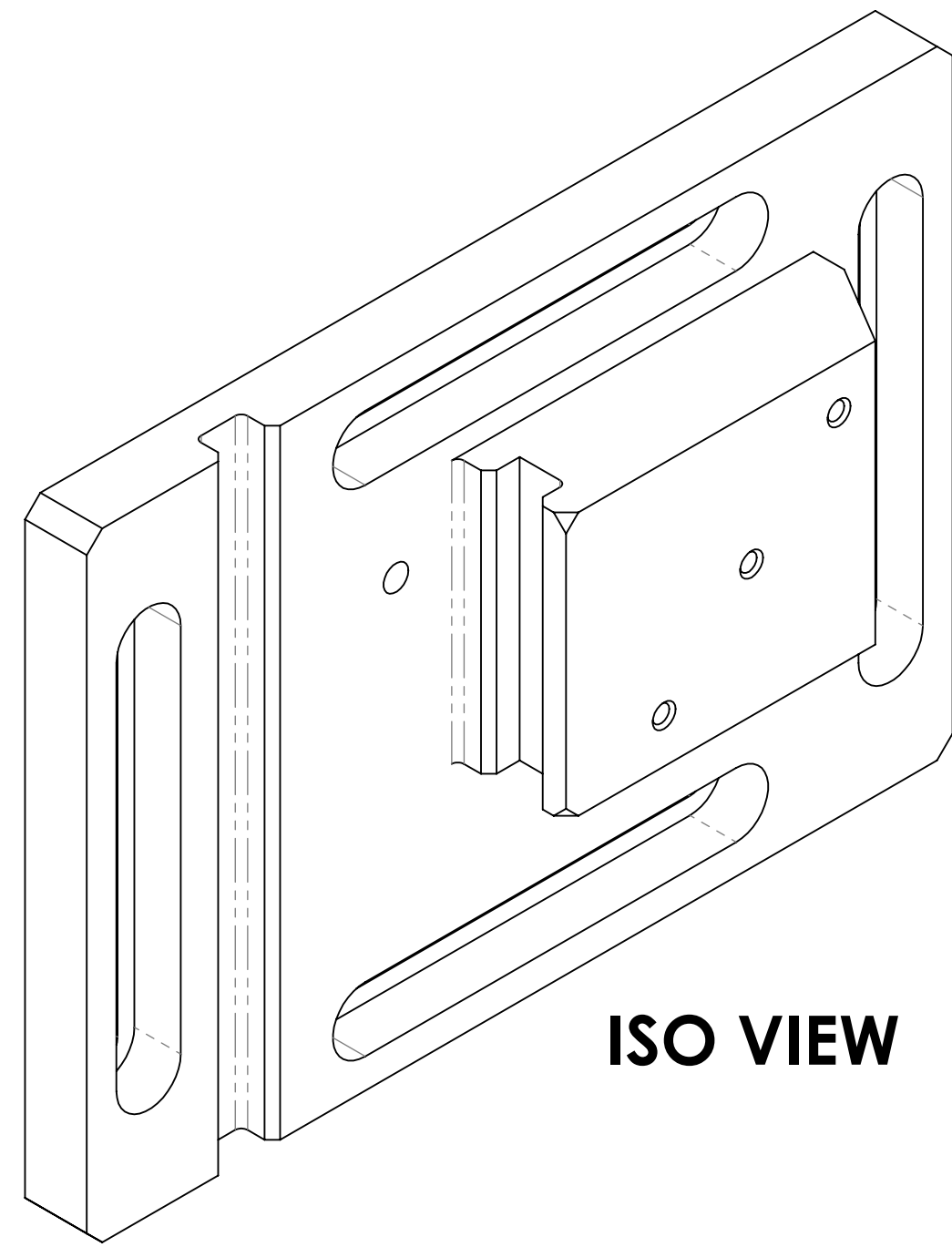
**-01 DETAIL**



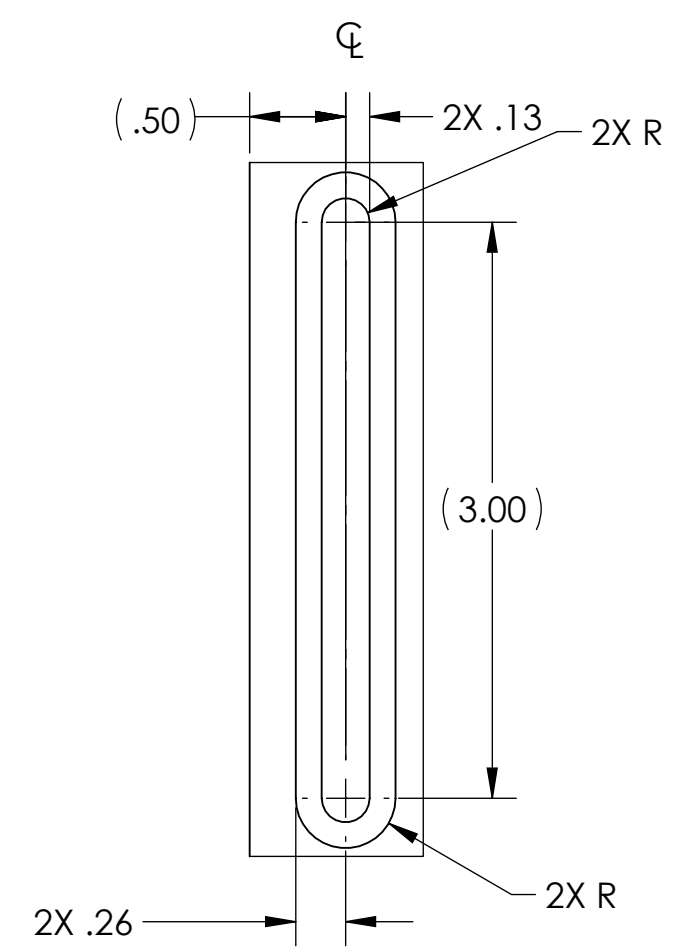
**DETAIL B  
2 PL.  
SCALE 1 : 1**

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
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.				<b>ADVANCED LIGO</b>		<b>UPPER PERISCOPE MIRROR MOUNT ADAPTER</b>	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± 1.0°				<b>6061 Alloy</b>		<b>63 μinch</b>	
MATERIAL: 6061 Alloy				FINISH: 63 μinch		NEXT ASSY: D1200953	
SYSTEM: ADVANCED LIGO				SUB-SYSTEM: AOS		DESIGNER: M. JACOBSON 26 JUL 2012	
DRAFTER: M. JACOBSON 19 SEPT 2013				CHECKER: E. SANCHEZ 23 SEPT 2013		SIZE: D	
APPROVAL: A. HEPTONSTALL 23 SEPT 2013				DWG. NO.: D1201067		REV.: v2	
SCALE: 1:1				PROJECTION:		SHEET 1 OF 2	

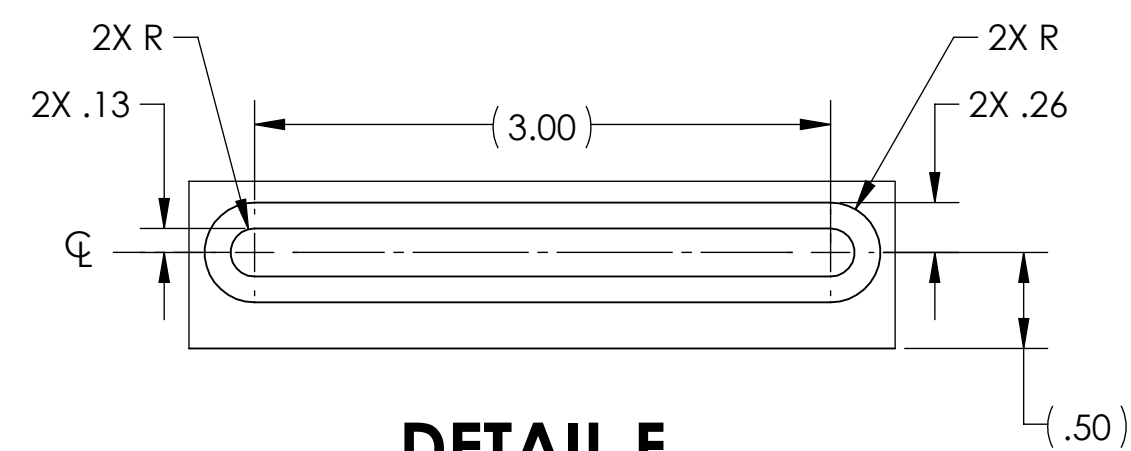
D1201067-02-UPPER PERISCOPE MIRROR MOUNT ADAPTER, gLIGO TCS COPR, HL-L1, PART PDM REV. X-028, DRAWING PDM REV. X-009



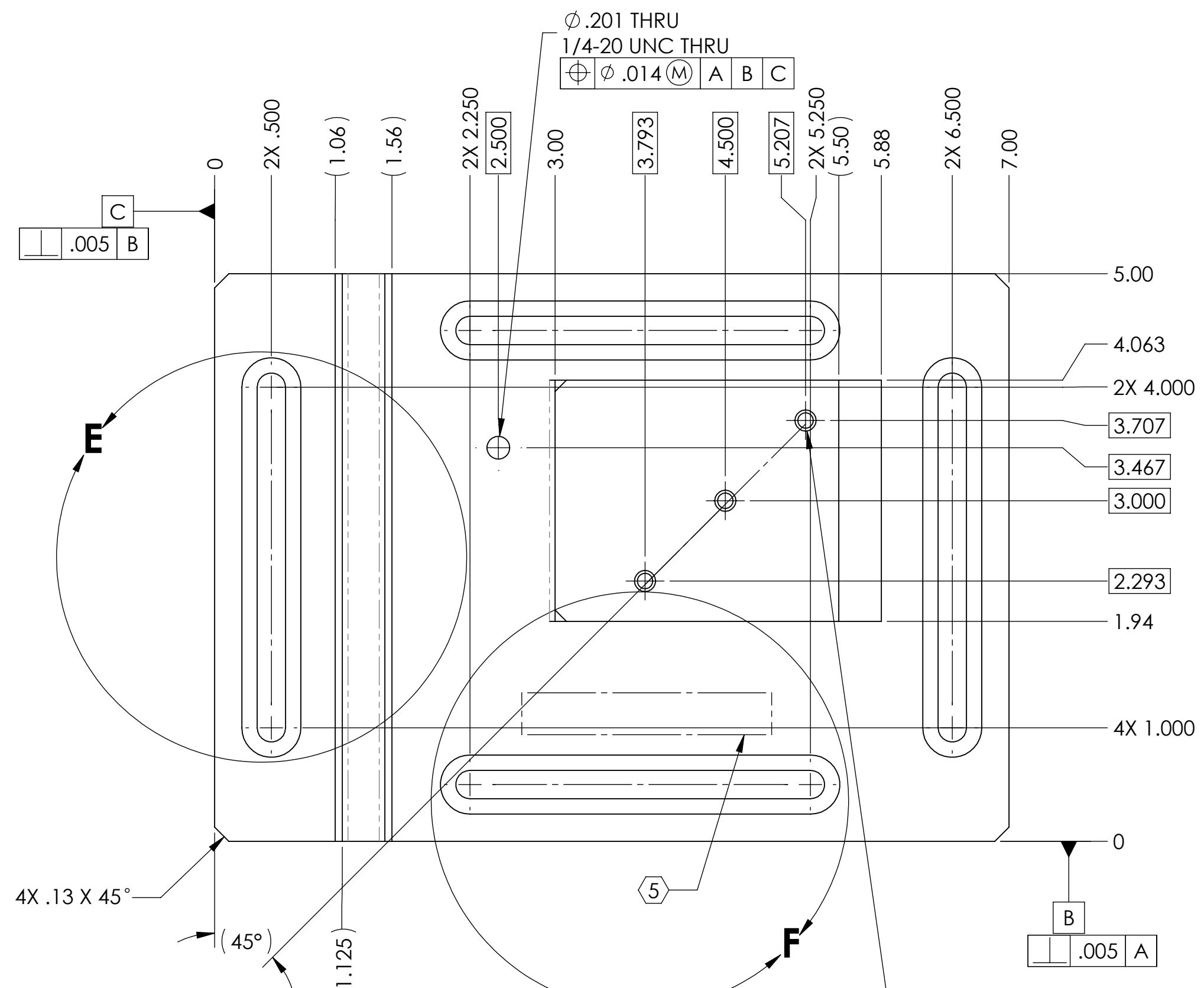
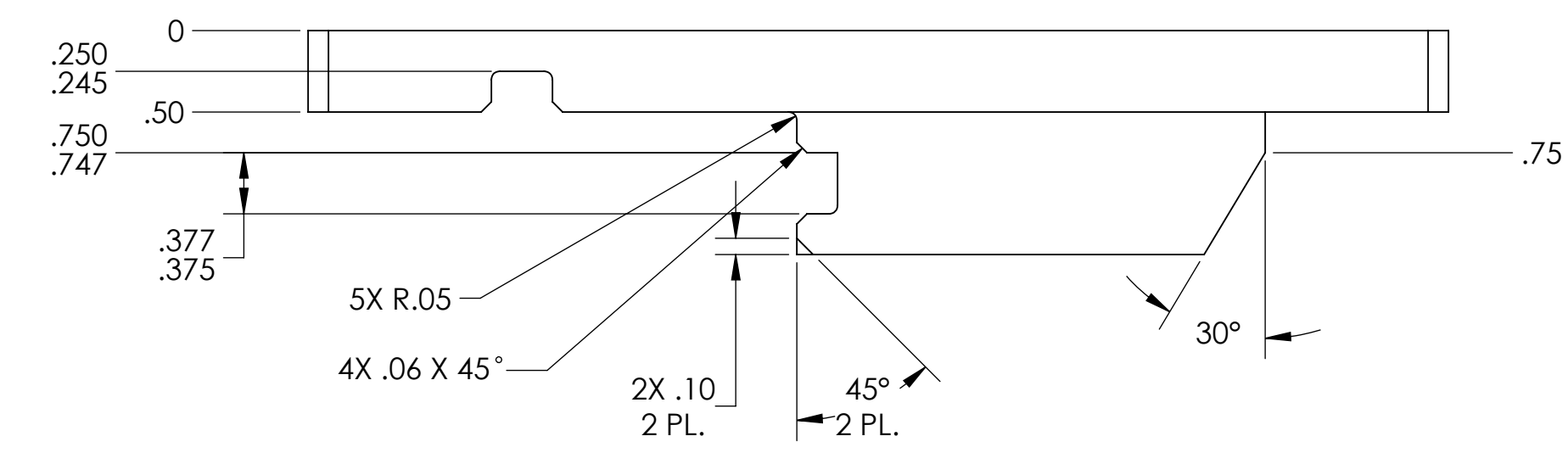
ISO VIEW



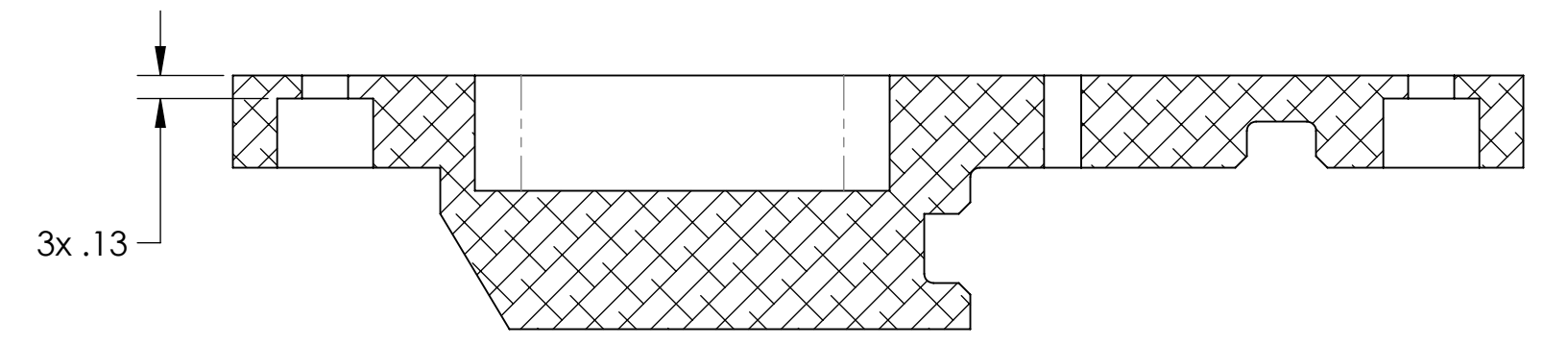
DETAIL E  
2 PL.  
SCALE 1 : 1



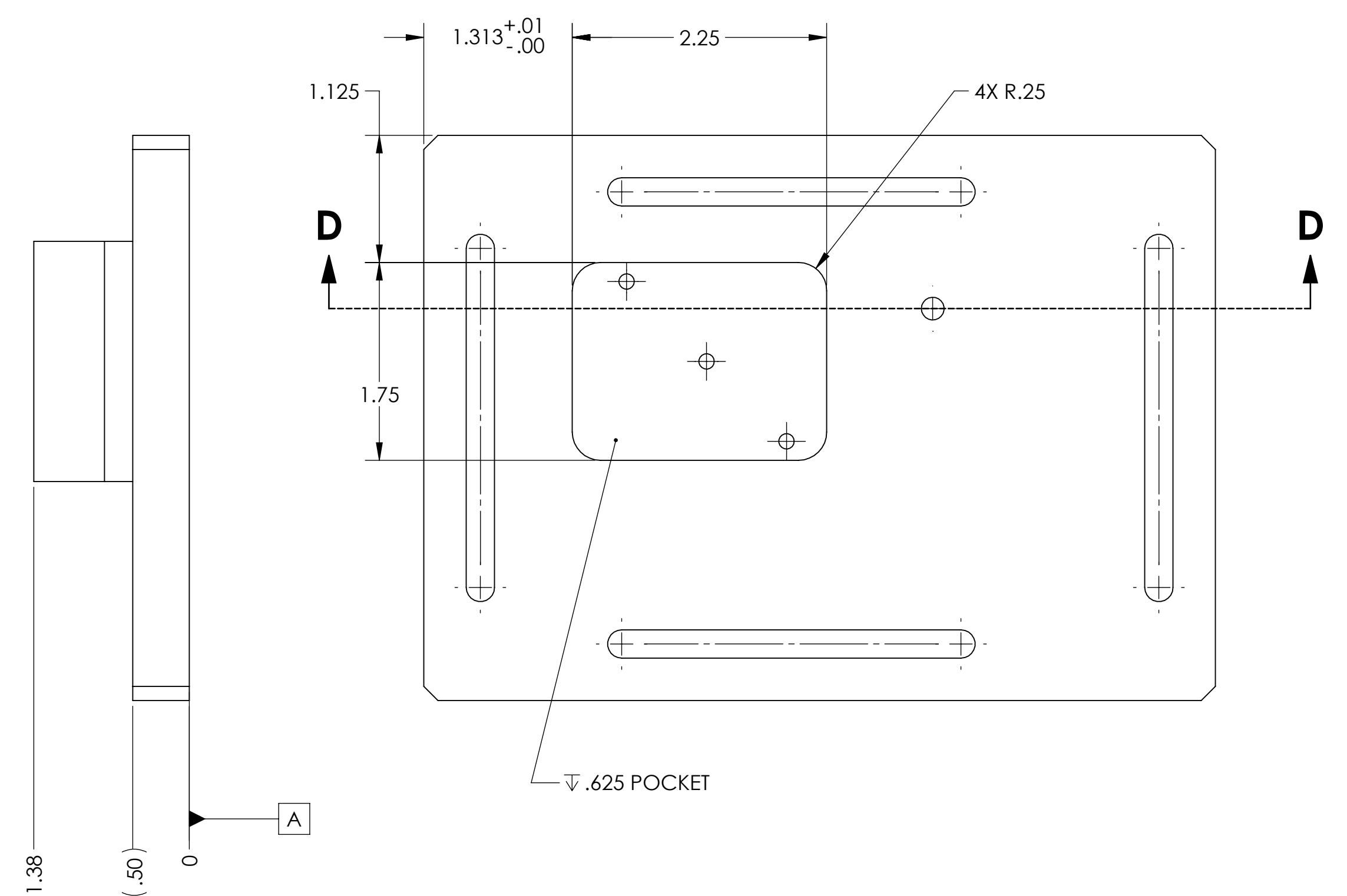
DETAIL F  
SCALE 1 : 1



-02 DETAIL



SECTION D-D  
SCALE 1 : 1



CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV.
SIZE DWG. NO.	D1201067-02	v2
SCALE: 2:1	PROJECTION:	SHEET 2 OF 2

D:\201067-02-UPPER PERISCOPE MIRROR MOUNT ADAPTER.dwg TCS.COPP.H.L.L. PART PDM REV. X:029, DRAWING PDM REV. X:009