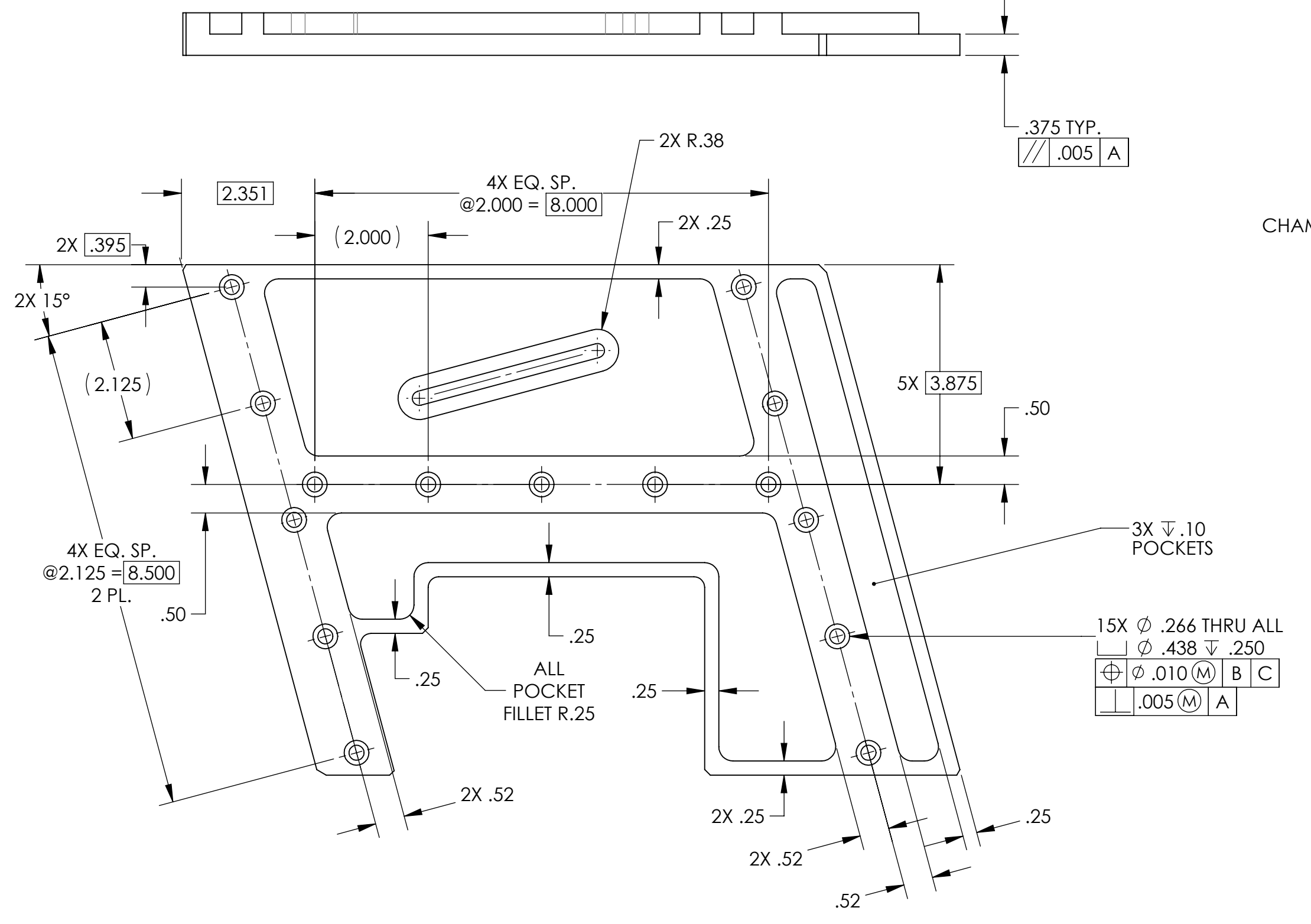
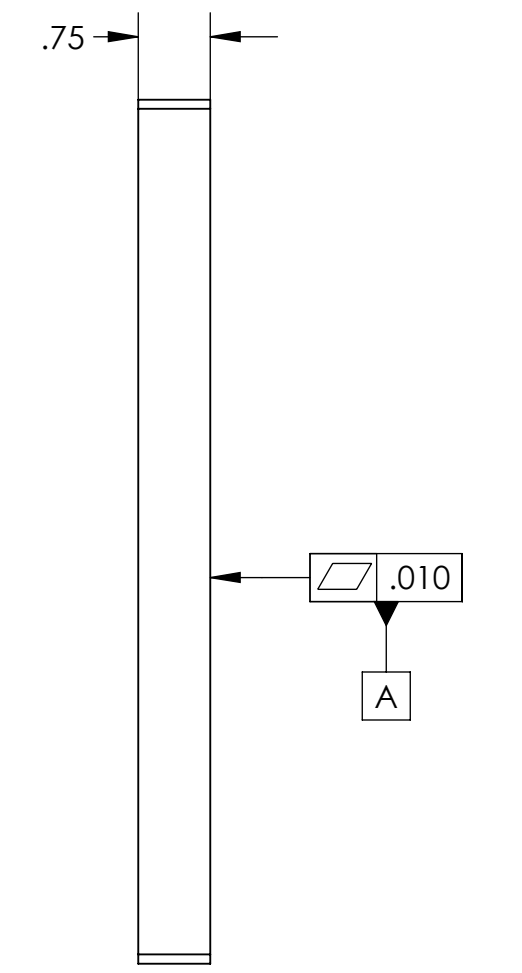
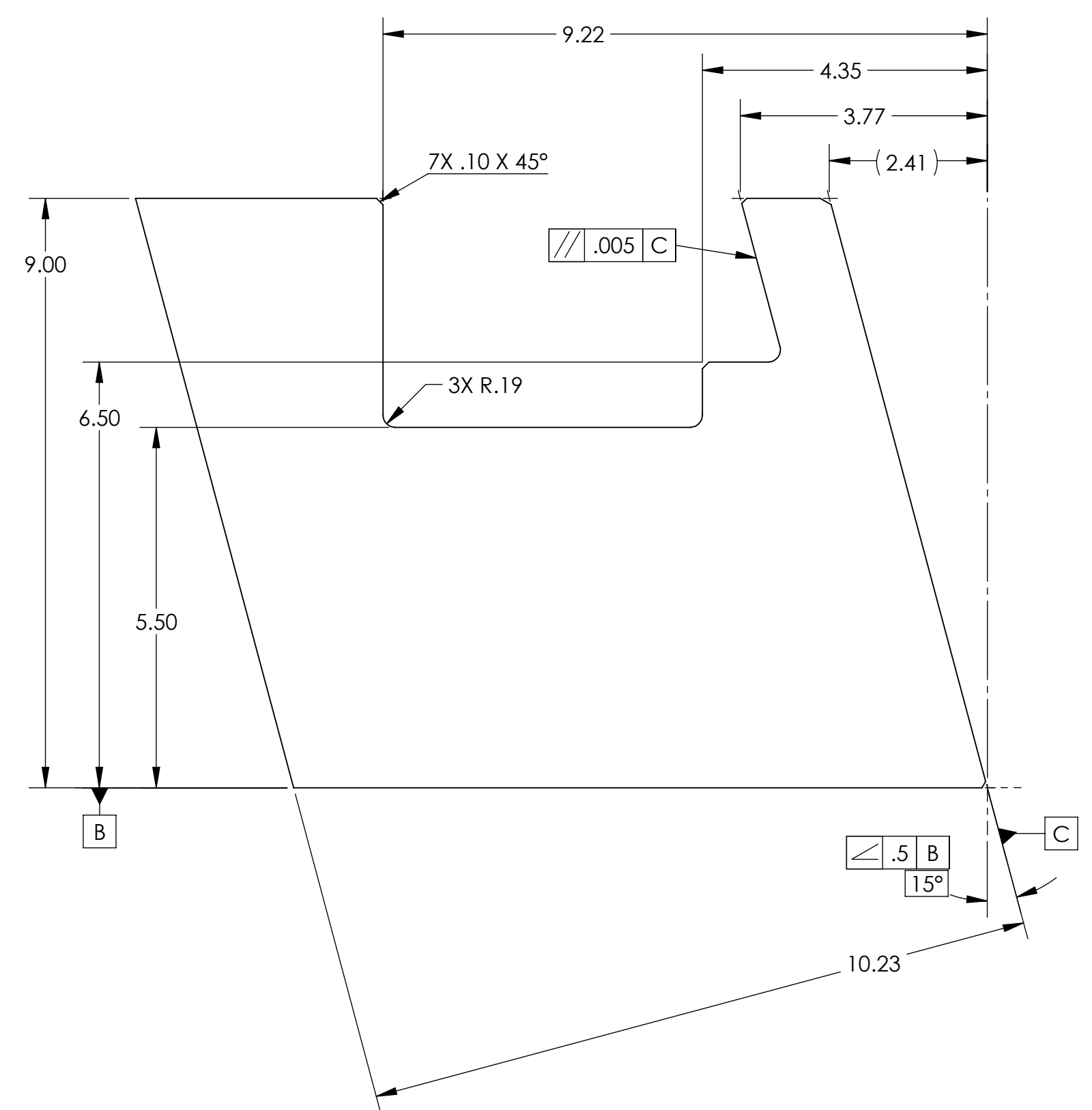
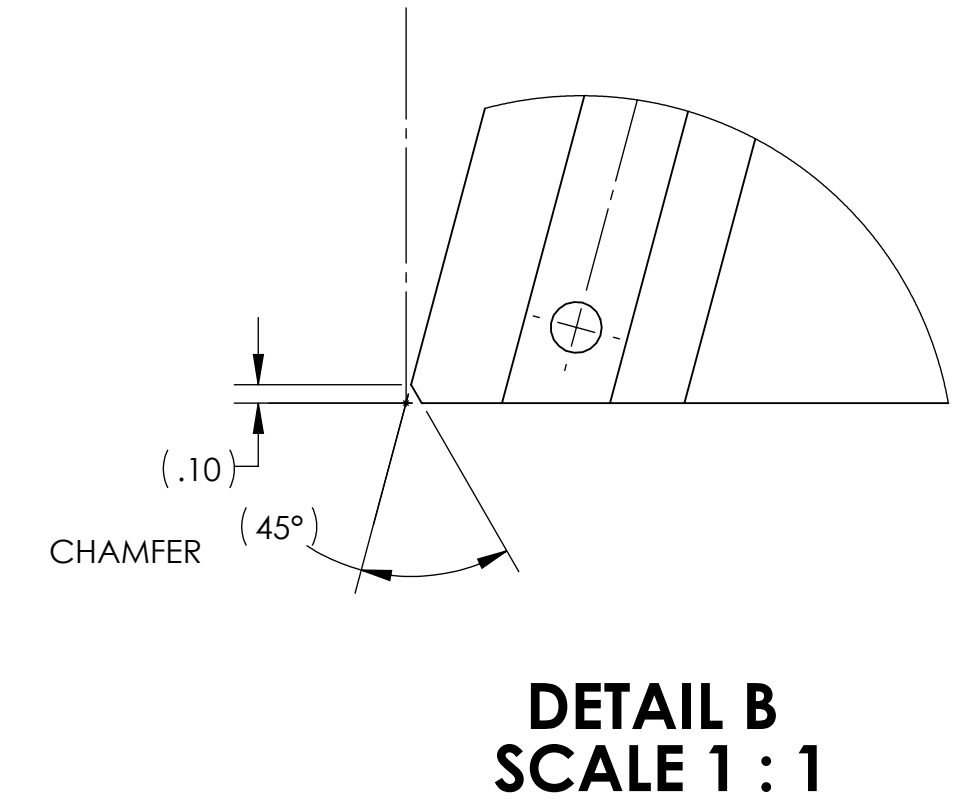
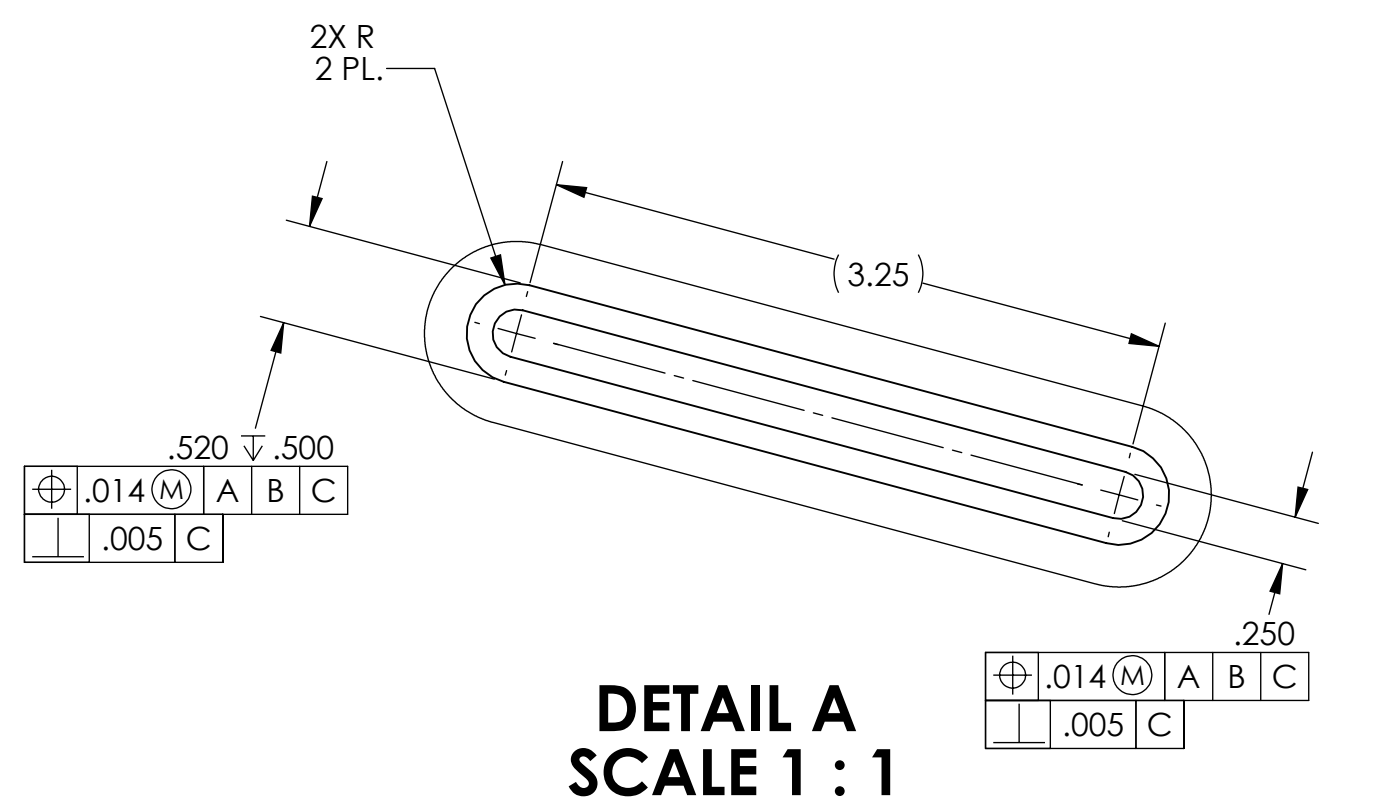
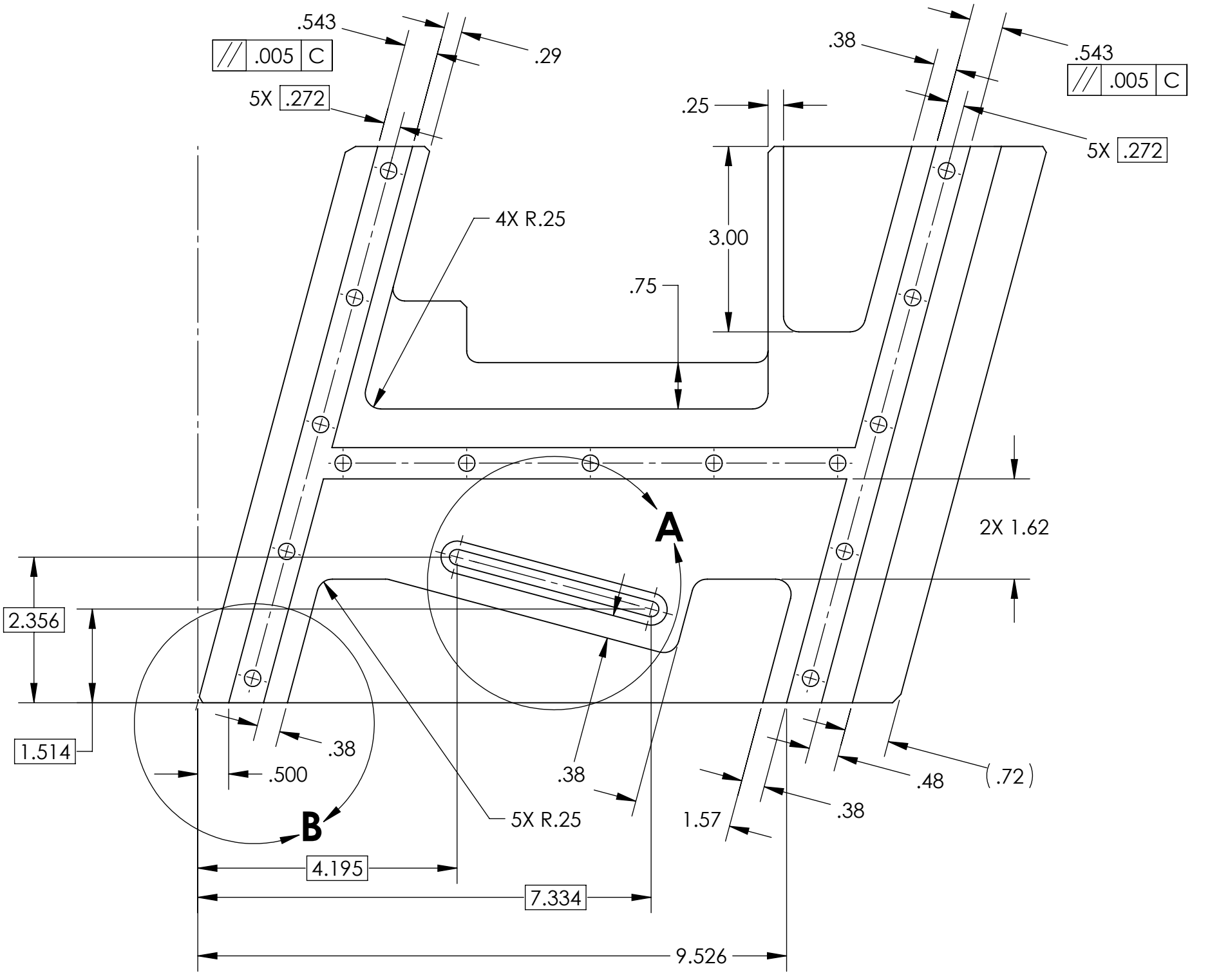
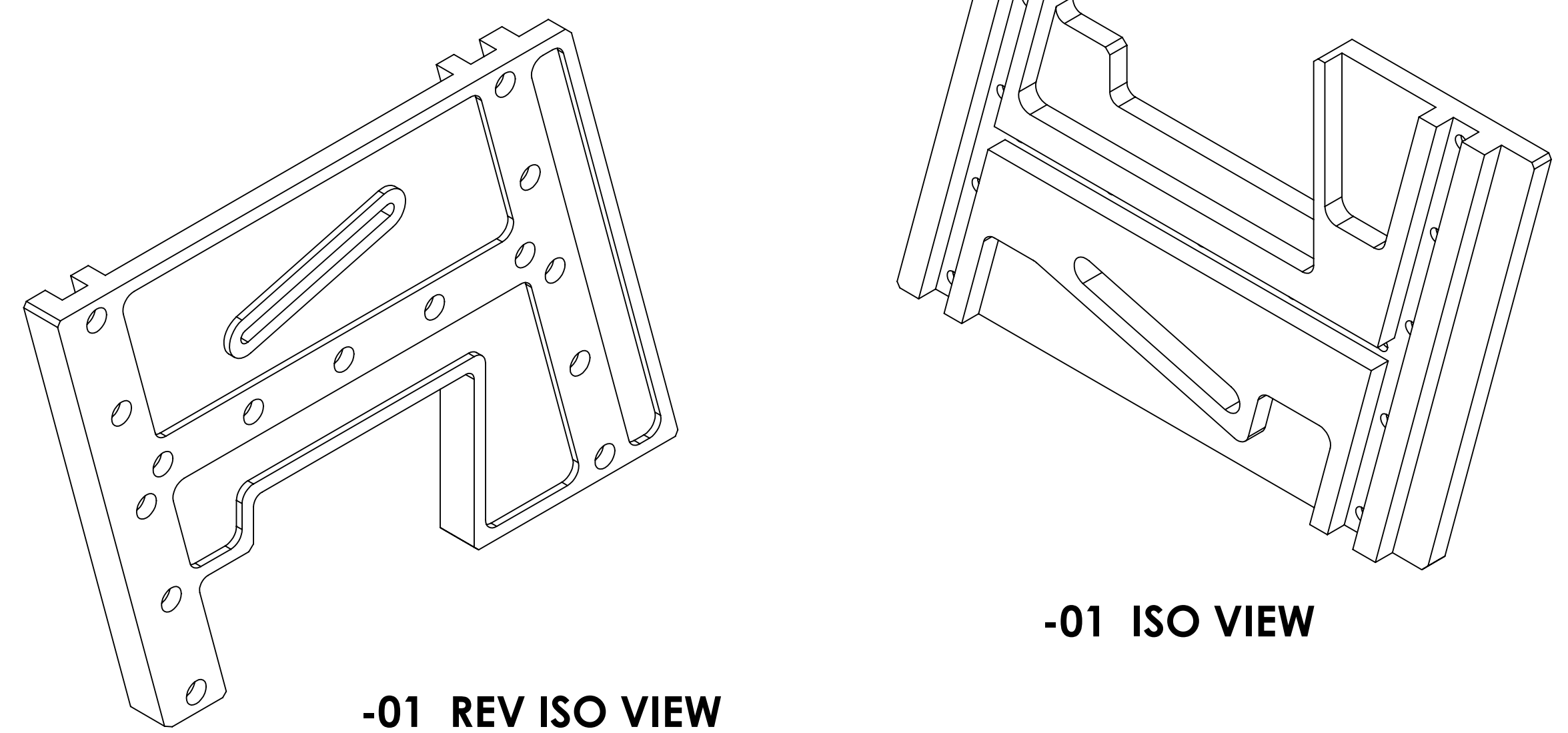


- NOTES CONTINUED:**
5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR 'TYPE' IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 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 = 3.73 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.

TYPE	DESCRIPTION
-01	X-arm
-02	Y-arm

REV.	DATE	DCN #	DRAWING TREE #
v1	07 NOV 2012	E1200891-x0	E1201007-v2
v2	20 SEPT 2013	-	-
v3	30 OCT 2013	E1300729-x0	E1201007-v3



DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 .XX ± .01  
 .XXX ± .005  
 ANGULAR ± 1.0°

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

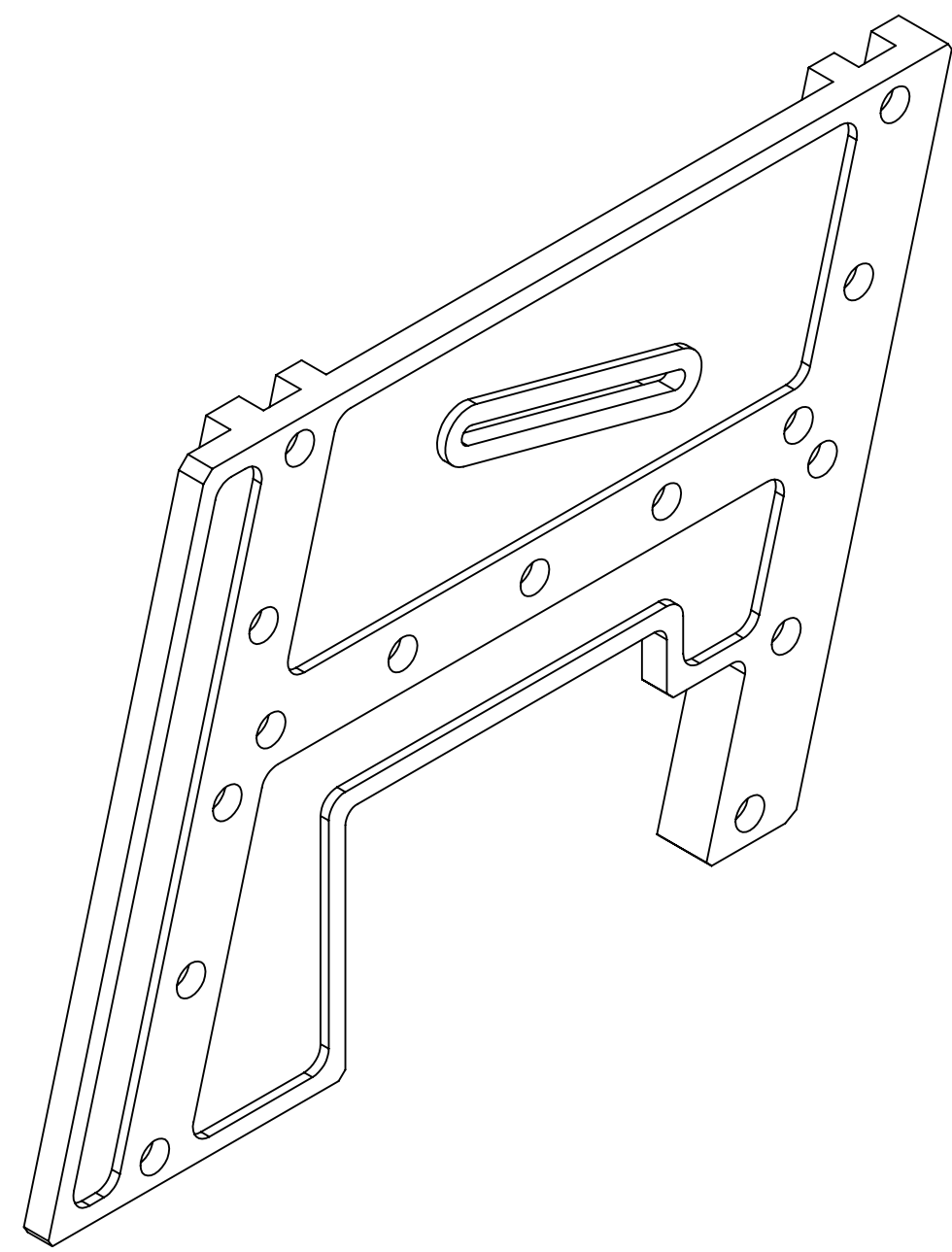
1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES, .005-.015. FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02.
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

MATERIAL	FINISH	NEXT ASSY
6061 Alloy	63 μinch	D1200953

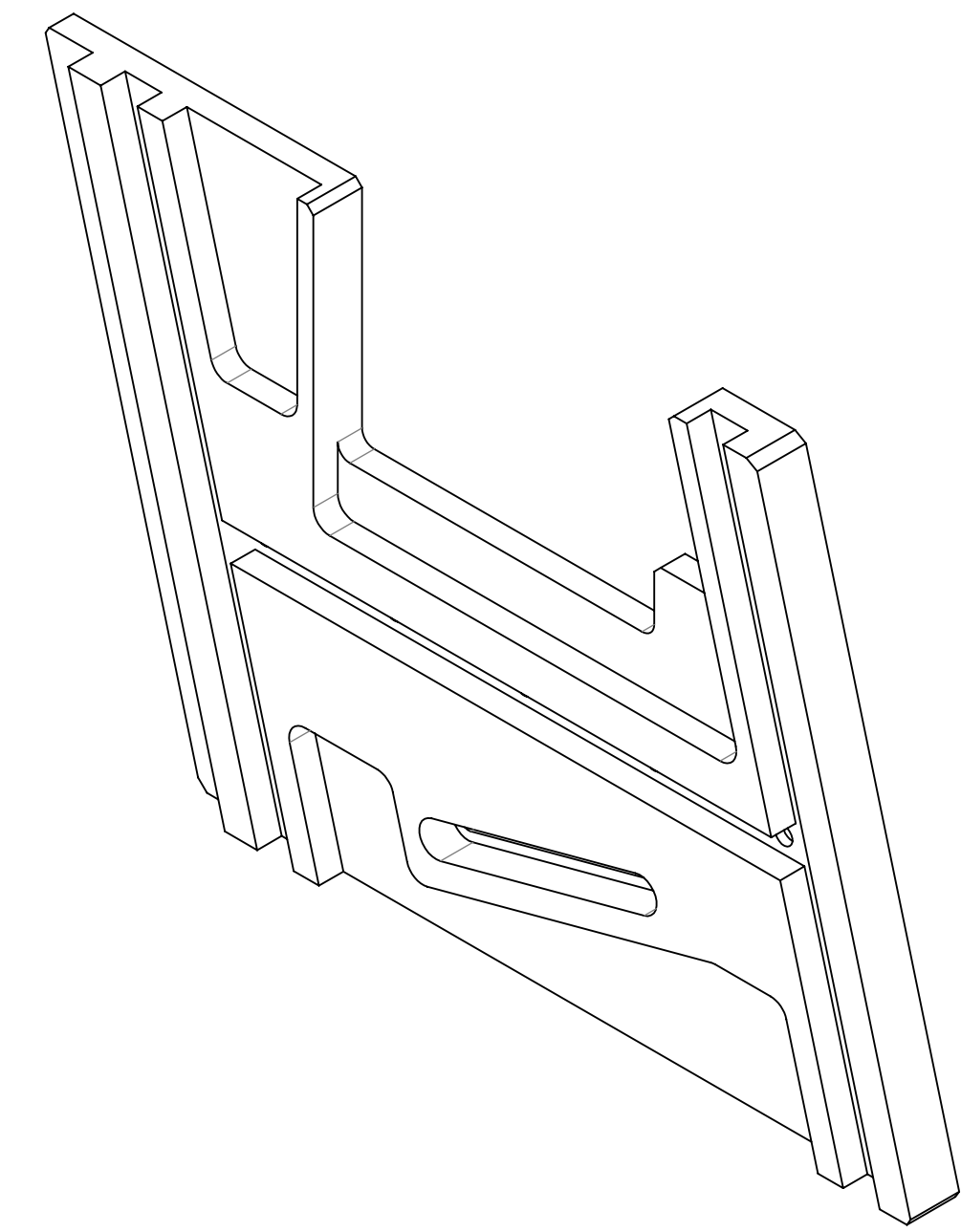
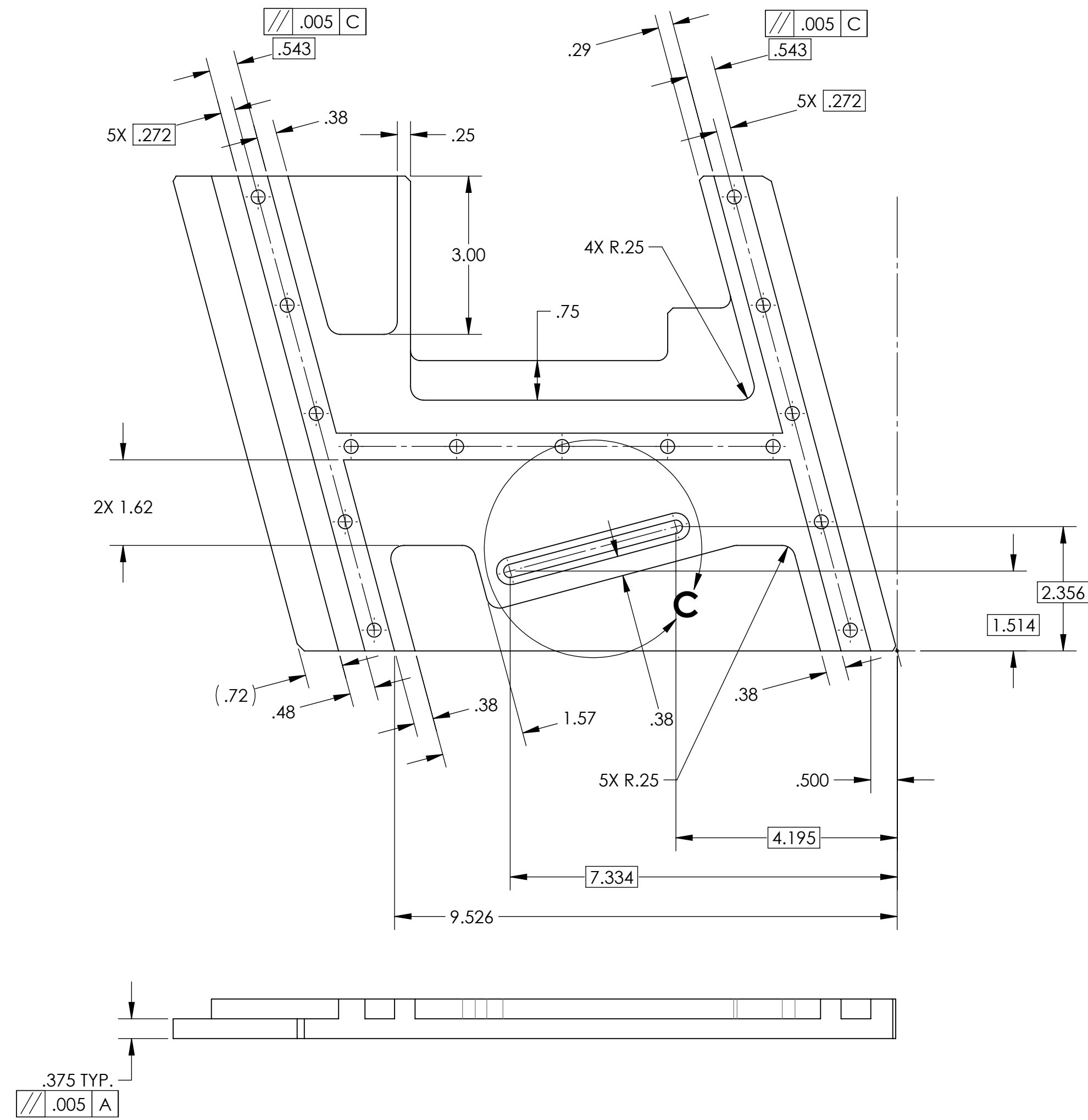
<b>LIGO</b> CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	<b>SYSTEM</b> ADVANCED LIGO	<b>SUB-SYSTEM</b> AOS
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PART NAME			SIZE		DWG. NO.		REV.
BASE PLATE, αLIGO TCS CO2P TABLE PERISCOPE			D	D1201319		v3	
<b>DESIGNER</b>	M. JACOBSON	21-AUG-2012	<b>SCALE:</b>	1:2	<b>PROJECTION:</b>	SHEET 1 OF 2	
<b>DRAFTER</b>	E.SANCHEZ	05 NOV 2012					
<b>CHECKER</b>	M. JACOBSON	30 OCT 2013					
<b>APPROVAL</b>	A.HEPTONSTALL	07 OCT 2013					

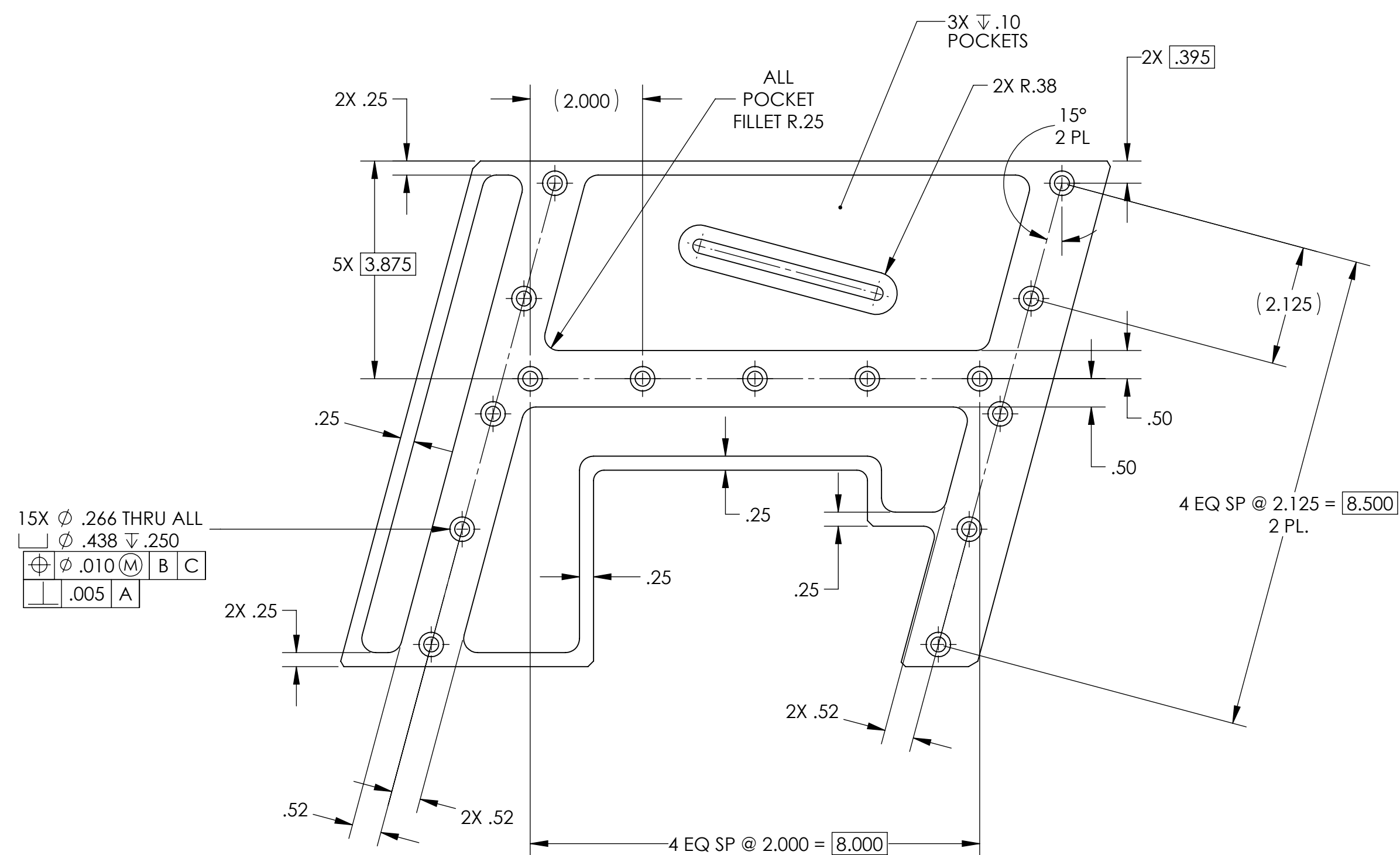
D1201319\_BASE PLATE αLIGO TCS CO2P TABLE PERISCOPE PART PDM REV: X016 DRAWING PDM REV: X011



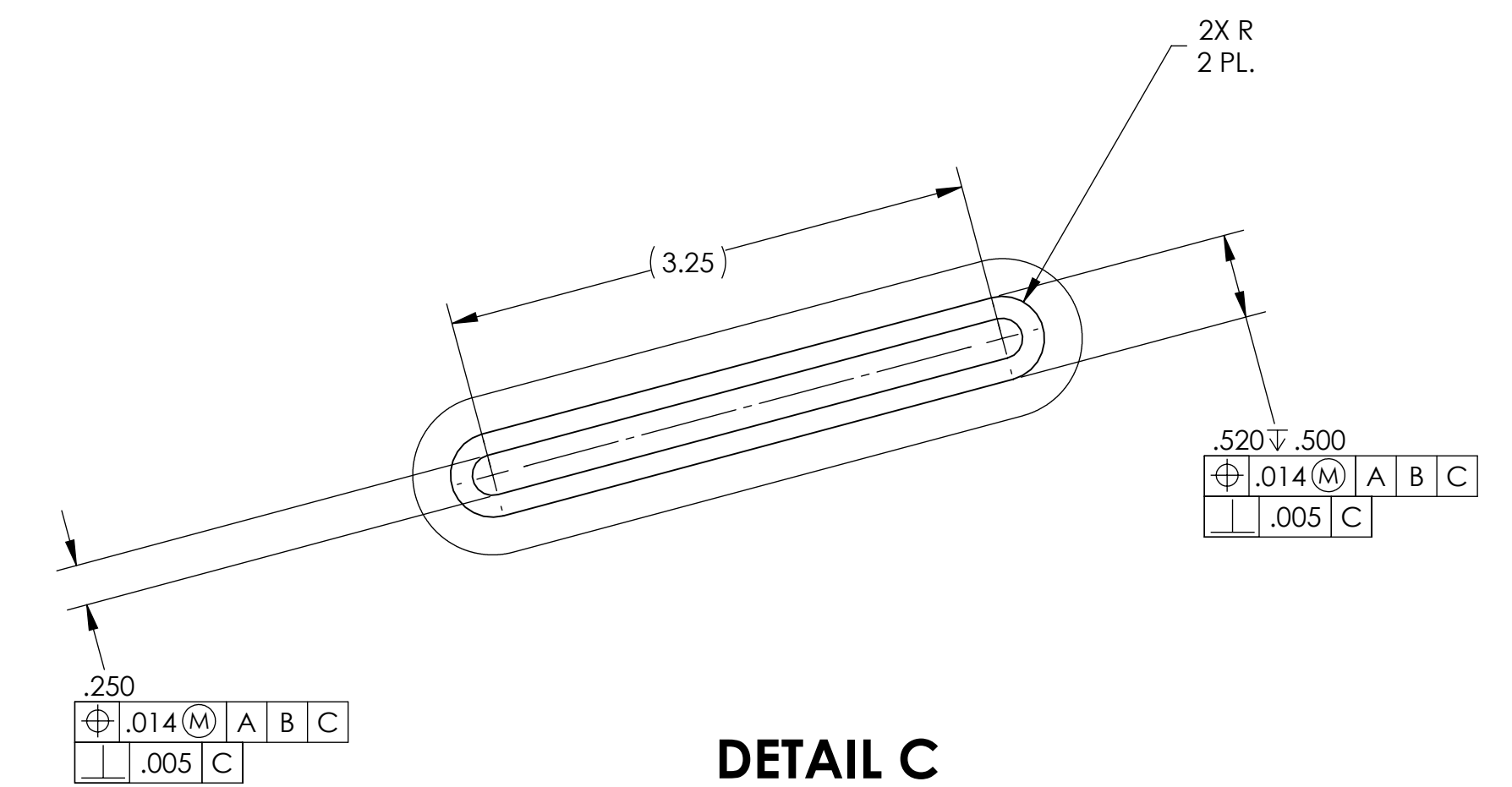
**-02 REV ISO VIEW**



**-02 ISO VIEW**



**-02 DETAIL  
(MAKE FROM BLANK)**



**DETAIL C  
SCALE 1:1**

D1201319\_BASE PLATE - LIGO TCS COOP TABLE PERISCOPE - PART PDM REV-X-016 - DRAWING PDM REV-X-011