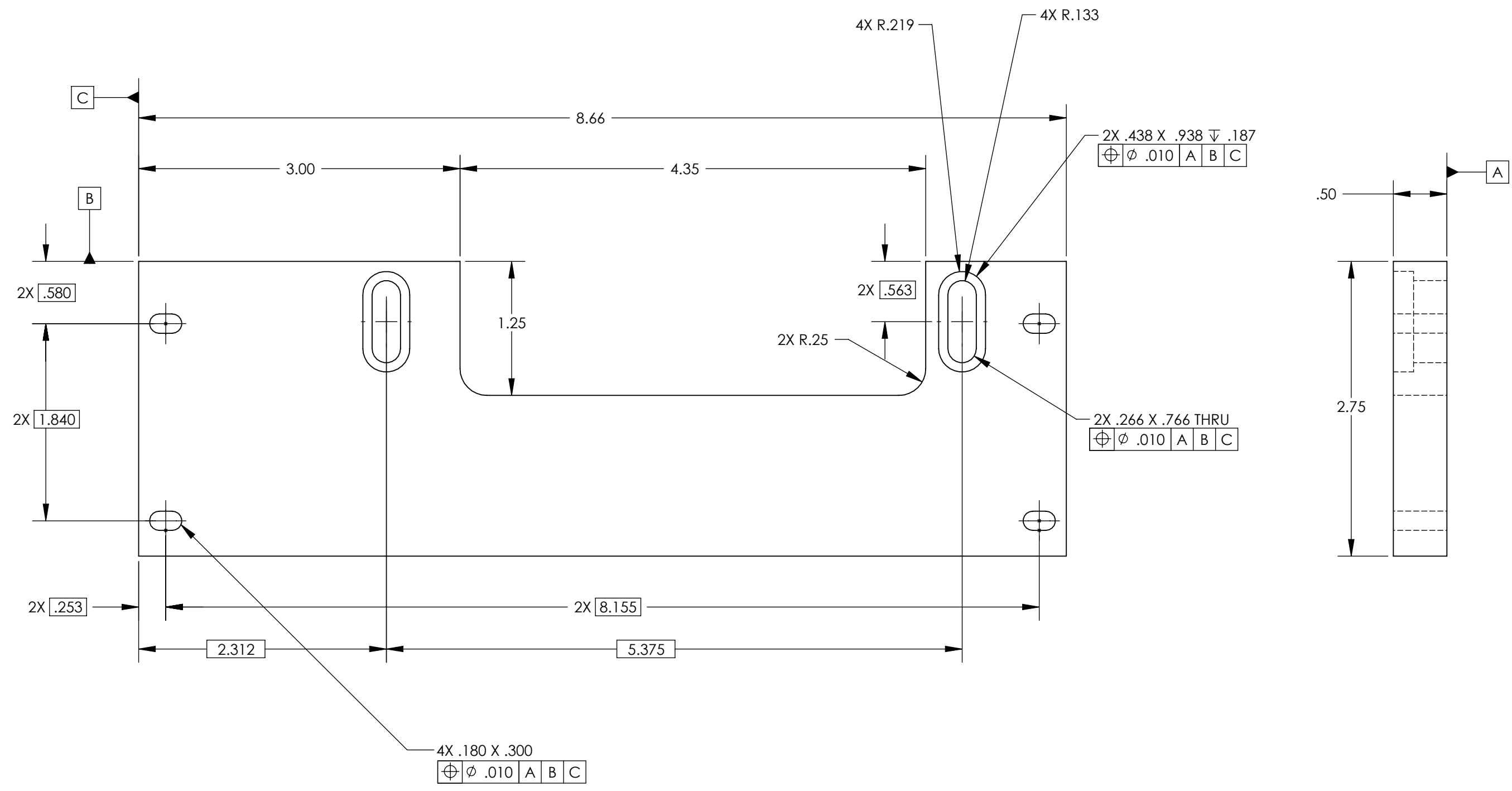


**NOTES CONTINUED:**  
 5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 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	08 OCT 2010	E1000563	
v2	28 FEB 2011	E1000563	
v3	29 DEC 2011	E1000563	
v4	10 JUL 2012	E1000563	

6. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.  
 7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.



<b>NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)</b> 1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 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>CALIFORNIA INSTITUTE OF TECHNOLOGY</b> <b>MASSACHUSETTS INSTITUTE OF TECHNOLOGY</b>		<b>PART NAME</b> CROSSBAR PLATE_IN	
DIMENSIONS ARE IN TOLERANCES: .XX ± .02 .XXX ± .010 ANGULAR ± .5°		<b>SYSTEM</b> ADVANCED LIGO		<b>SUB-SYSTEM</b> AOS	
<b>MATERIAL</b> 6061-T6 Al		<b>FINISH</b> 63 μinch		<b>NEXT ASSY</b> D1002256	
<b>DESIGNER</b> DRAFTER CHECKER APPROVAL			MRUIZ 08/25/2010		<b>REV.</b> v4
<b>SIZE DWG. NO.</b> B D1002257			SCALE: 1:1 PROJECTION:  SHEET 1 OF 1		

D1002257\_ALIGO\_AOS\_D100256\_Crossbar Plate\_In, PART PDM REV: X-008, DRAWING PDM REV: X-017