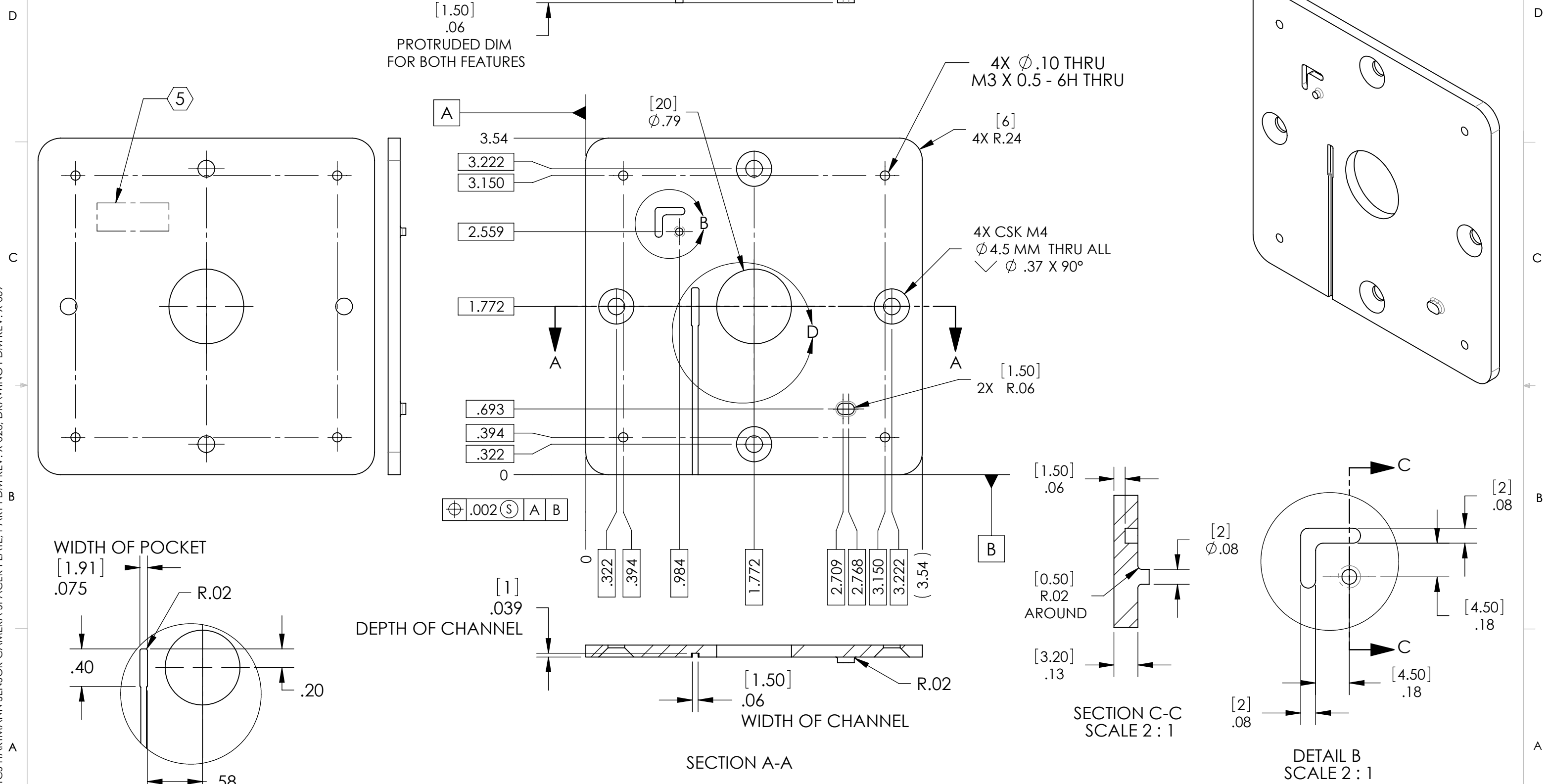


D1000708\_dLIGO TCS HARTMANN SENSOR CAMERA SPACER PLATE, PART PDM REV: X-023, DRAWING PDM REV: X-009

**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 #
v3	28-FEB-2011	E1100147-v1	E1100148-v1
v4	31-MAY-2011	E1100490-v1	E1100148-v2
-	-	-	-



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

DIMENSIONS ARE IN INCHES [MM]  
 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.

TOLERANCES:  
 .XX ± .01  
 .XXX ± .002  
 ANGULAR ± 0.5°

MATERIAL: INVAR  
 FINISH: 32 μinch

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		<b>PART NAME</b> HARTMANN SENSOR CAMERA SPACER PLATE	
<b>SYSTEM</b> ADVANCED LIGO	<b>SUB-SYSTEM</b> AOS	<b>DESIGNER</b> M. JACOBSON 25-MAR-2010	<b>SIZE DWG. NO.</b> B D1000708
<b>DRAFTER</b> M. JACOBSON 30-MAR-2010	<b>CHECKER</b> B. ANDERSON 15-FEB-2011	<b>APPROVAL</b> A. BROOKS 10 MAY 2010	<b>REV.</b> v4
<b>NEXT ASSY</b> D1000657	<b>SCALE:</b> 1:1	<b>PROJECTION:</b>	<b>SHEET 1 OF 1</b>