

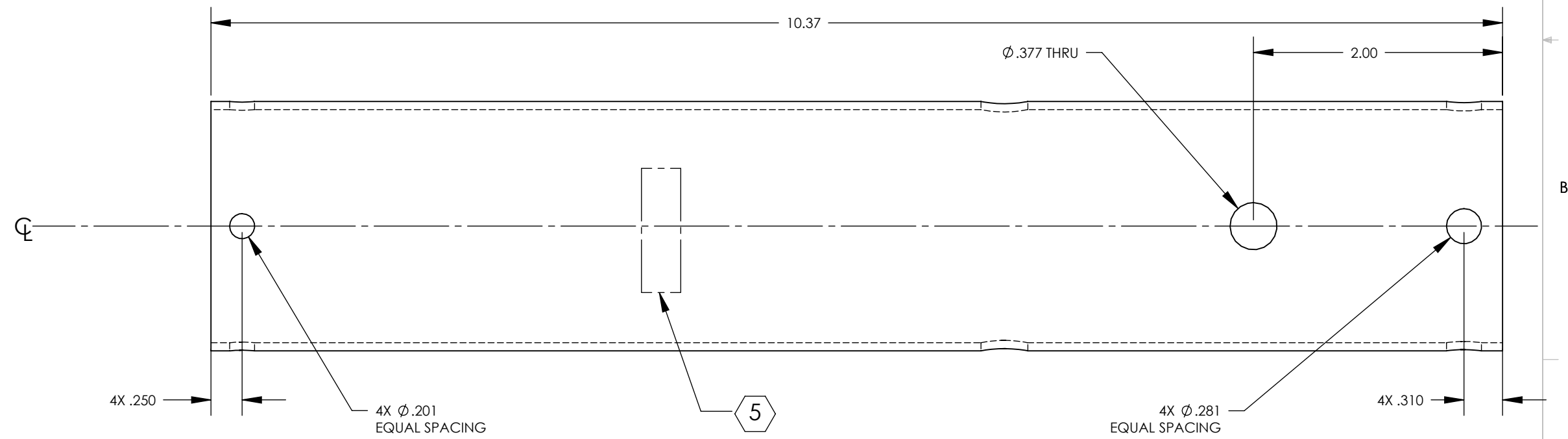
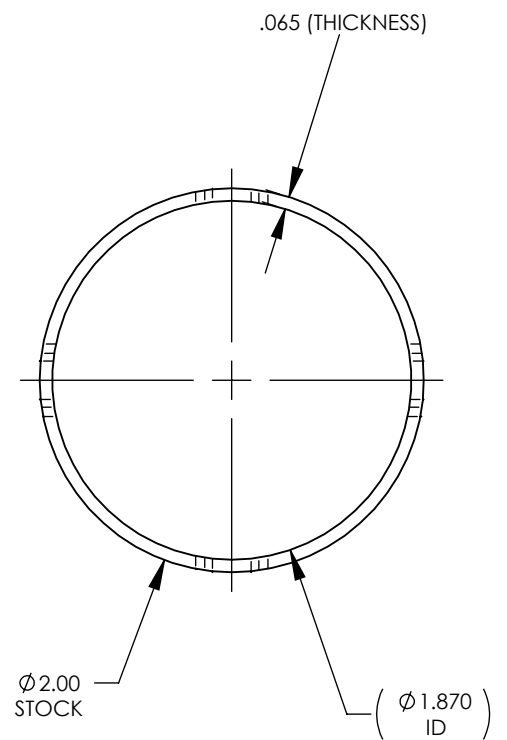
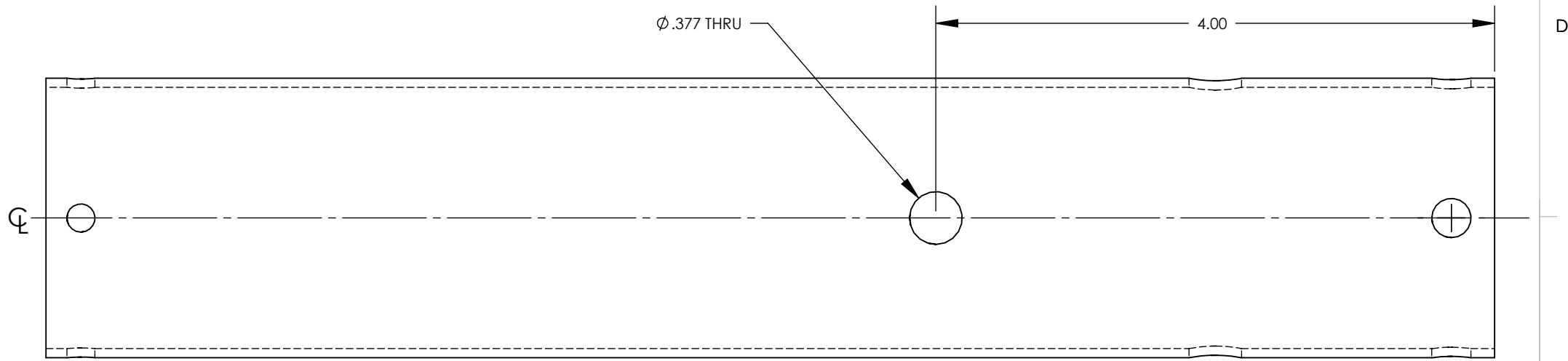
D1001009\_AdlIGO\_AOS\_SLC\_ARM Cavity Baffle Lo Tube, PART PDM REV: X-018, DRAWING PDM REV: X-016

**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 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: DXXXXX-VY, TYPE-XX, S/N XXX  
 6. APPROXIMATE WEIGHT=0.397 LB.  
 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. ELECTROPOLISHING PER E0900364, SECTION 5.1, TO REMOVE ALL SURFACE OXIDES AND POTENTIALLY EMBEDDED CONTAMINANTS.

REV.	DATE	DCN #	DRAWING TREE #
v1	20 AUG 2010	E1000285	

D  
C  
B  
A



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .03 .XXX ± .010 ANGULAR ± 1.0°				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES 0.005" TO 0.015". 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE REFER TO LIGO E0900237 FOR LIST OF APPROVED COOLANTS.		<b>ARM CAVITY BAFFLE LO TUBE</b>	
<b>MATERIAL</b> 6061-T6 Al		<b>FINISH</b> 63 μinch		<b>SYSTEM</b> ADVANCED LIGO		<b>SUB-SYSTEM</b> AOS	
<b>NEXT ASSY</b> D1001007				<b>DESIGNER</b> N.Nguyen		<b>DATE</b> 10 AUG 2010	
				<b>DRAFTER</b> TQ. NGUYEN		<b>DATE</b> 25 MAY 2010	
				<b>CHECKER</b> M. SMITH		<b>DATE</b> 20 AUG 2010	
				<b>APPROVAL</b> D. COYNE		<b>DATE</b> 30 AUG 2010	
						<b>SIZE DWG. NO.</b> B D1001009	
						<b>REV.</b> v1	
						<b>SCALE:</b> 1:1 <b>PROJECTION:</b> <b>SHEET 1 OF 1</b>	

8 7 6 5 4 3 2 1