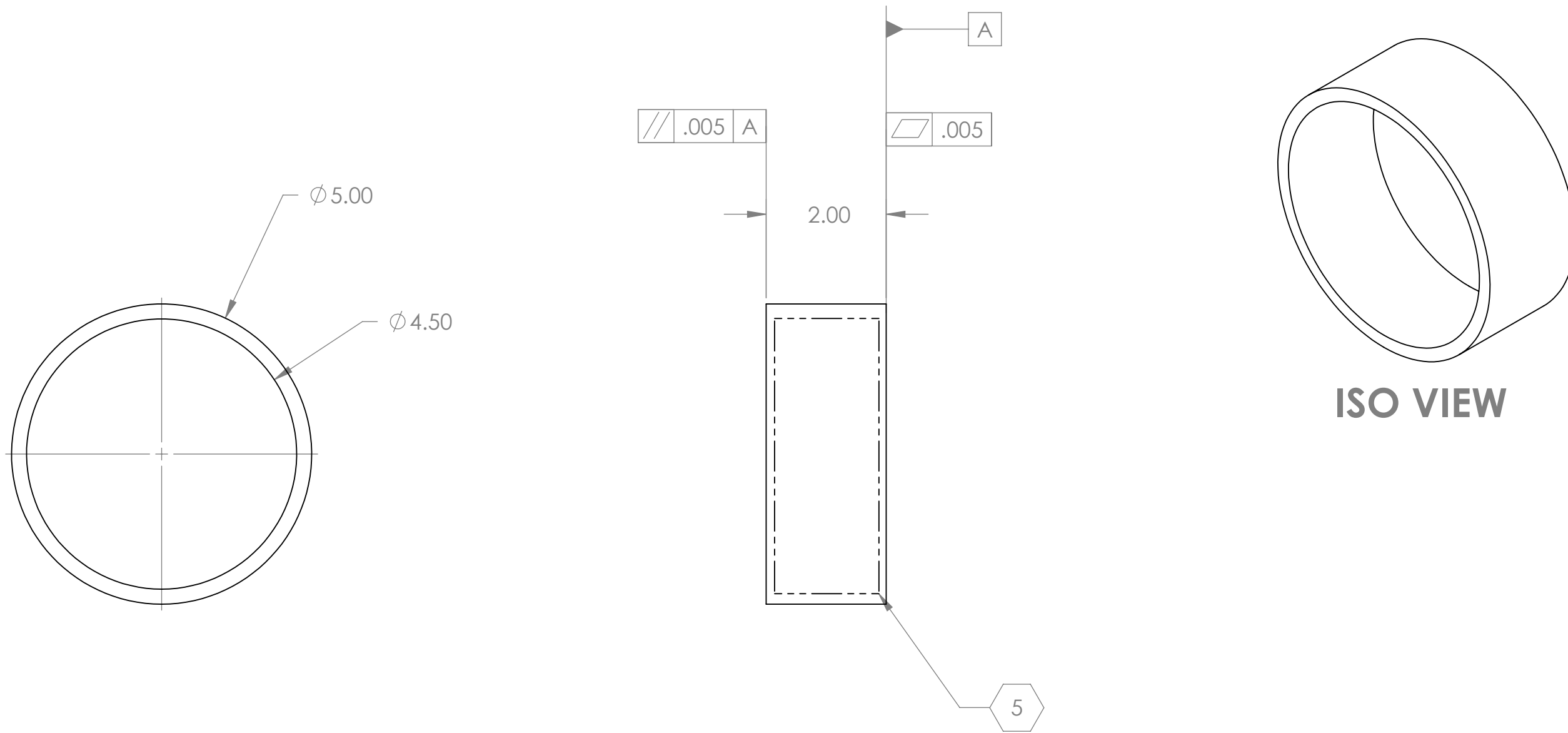


D1000502 aLIGO AOS Oplev TX Height Tube, PART PDM REV: X-043, DRAWING PDM REV: X-020

8 7 6 5 4 3 2 1

NOTES CONTINUED:
⑤ SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER AND REVISION ON NOTED SURFACE FOLLOWED ON THE NEXT LINE BY A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE .07" HIGH CHARACTERS. EXAMPLE: DXXXXXX-VY, S/N 001. A VIBRATORY TOOL MAY BE USED.

REV.	DATE	DCN #	DRAWING TREE #
v1	03 JUN 2010	E1000182-v1	-
v2	26 AUG 2010	E1000168	-
v3	24 NOV 2010	E1000182-v2	-



- 8. MACHINEALL SURFACES TO REMOVE OXCIDES AN MILL FINISH, USE OF ABRASIVE TECHNIQUES IS NOT ALLOWED.
- 7. DO NOT USE SANDPAPER, SCOTCH BRITE OR SIMILAR PRODUCTS.
- 6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900363.

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± 1.0°	
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.	
MATERIAL	6061-T6 Al
FINISH	63 μinch

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME		ALIGO AOS	
SYSTEM		SUB-SYSTEM		OPLEV PIER TX HEIGHT TUBE	
ADVANCED LIGO		AOS		DESIGNER	C. CONLEY 05 MAR 2010
NEXT ASSY		D1000308		DRAFTER	N. KILPATRICK 3 JUNE 2010
				CHECKER	
				APPROVAL	
				SIZE DWG. NO.	B D1000502
				REV.	v3
				SCALE: 1:1	PROJECTION: SHEET 1 OF 1

8 7 6 5 4 3 2 1