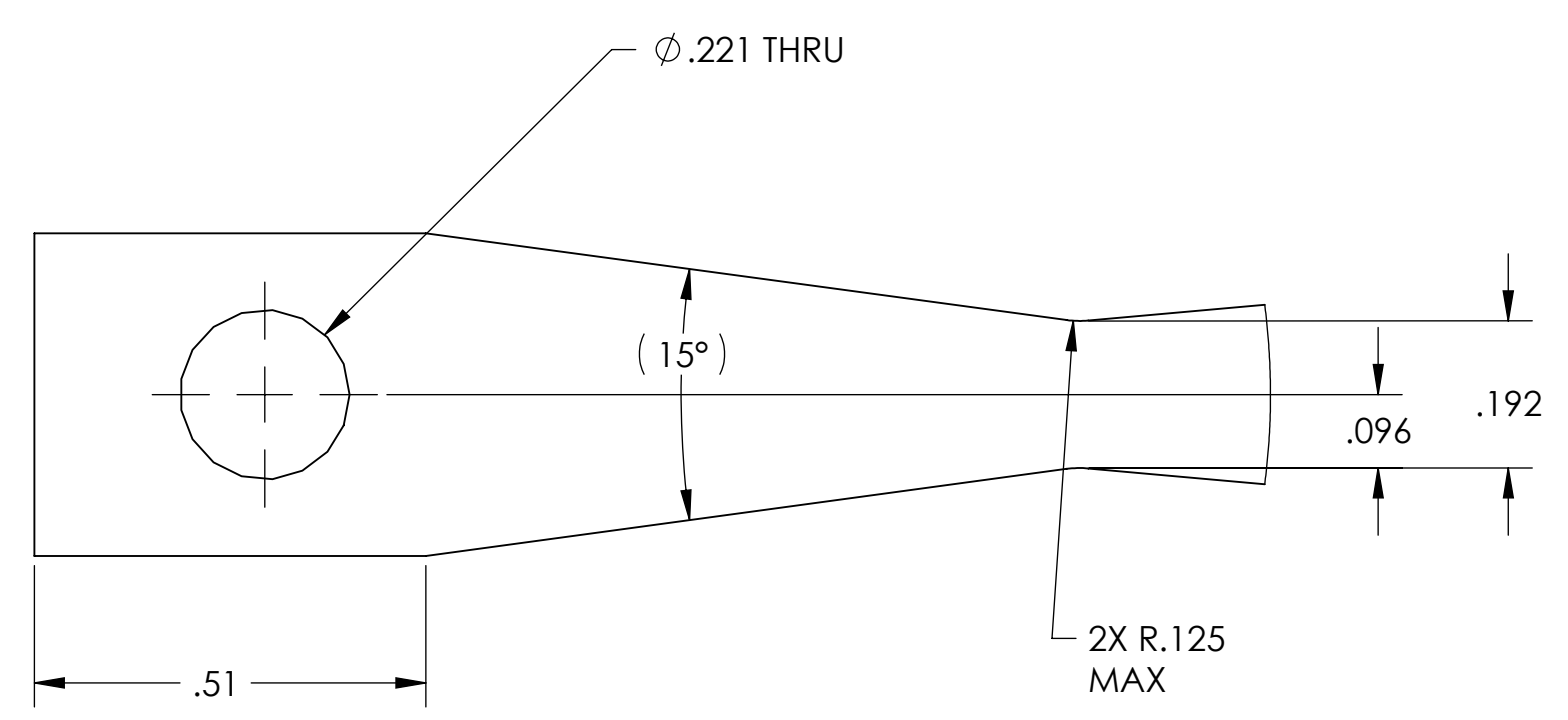
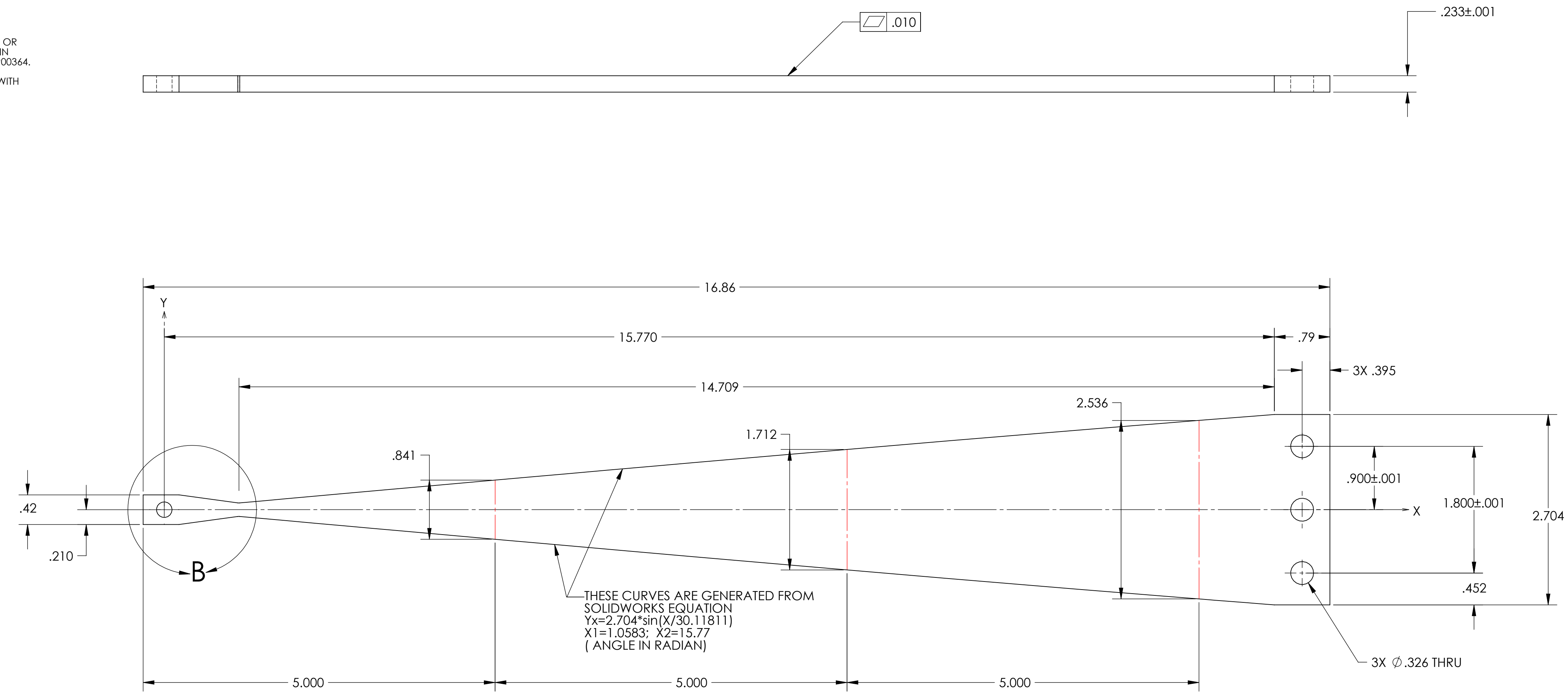


- NOTES: UNLESS OTHERWISE SPECIFIED**
1. INTERPRET DRAWING PER ASME Y14.5-1994.
 2. REMOVE ALL SHARP EDGES 0.005" TO 0.015".
 3. DO NOT SCALE FROM DRAWING.
 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. REFER TO LIGO E0900237 FOR LIST OF APPROVED COOLANTS.
 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 = 1.27 LB.
 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900023.
 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900023.
 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.
 10. PART TO BE MANUFACTURED, TREATED AND PLATED IN ACCORDANCE WITH LIGO SPECIFICATION E0900023.

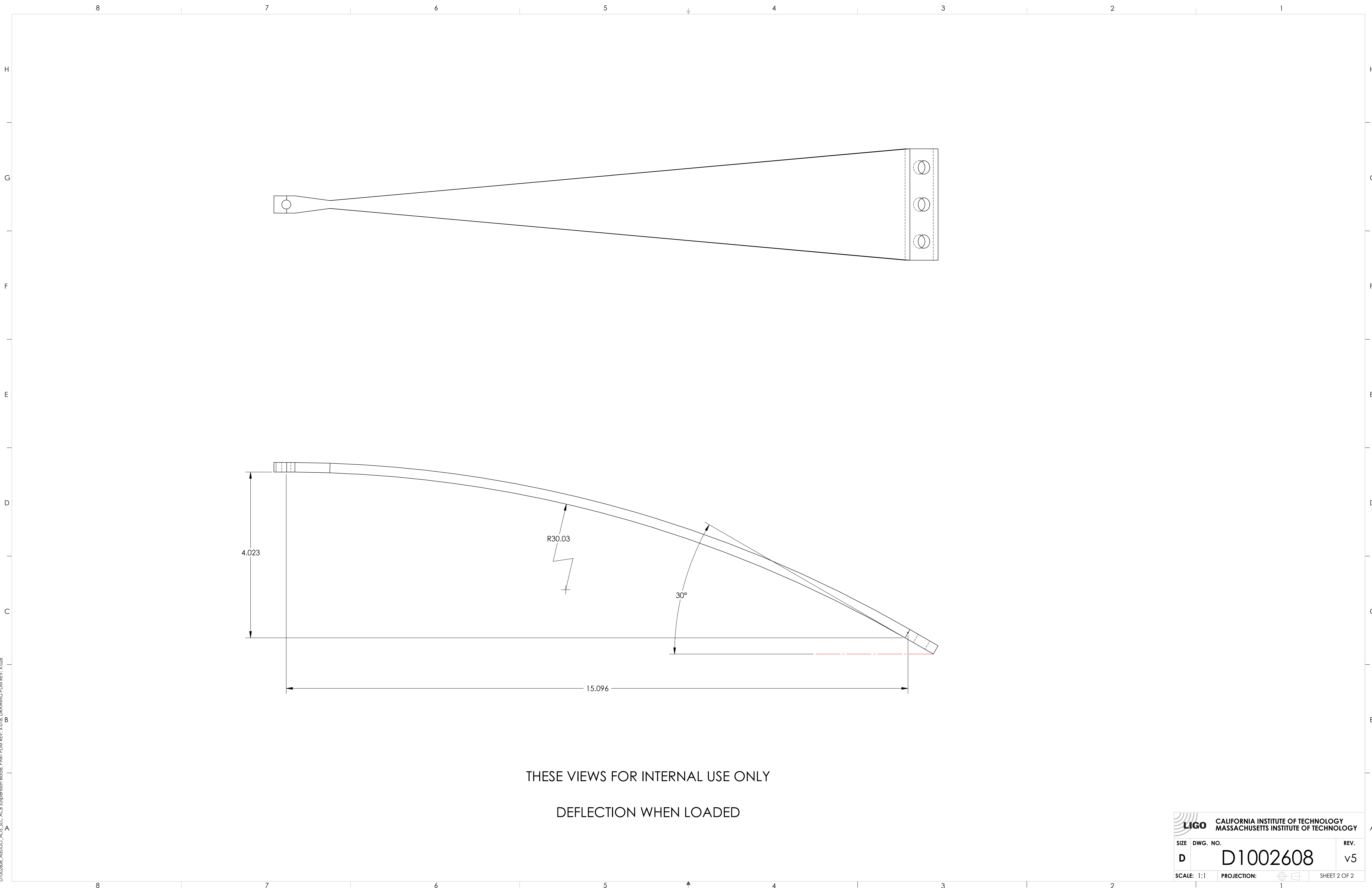
REV.	DATE	DCN #	DRAWING TREE #
v1	22 JUL 2010	E1000285	
v2	01 APR 2011	E1100216	
v3	14 JUL 2011	E1100335	
v4	25 MAY 2012	E1100335	
v5	22 JUN 2012		



DETAIL B
SCALE 4 : 1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME							
DIMENSIONS ARE IN INCHES						SLC ACB SUSPENSION BLADE							
TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± 1.0°						SYSTEM ADVANCED LIGO	SUB-SYSTEM AOS	DESIGNER N.Nguyen	DATE 01 Jun 2010	SIZE D	DWG. NO. D1002608	REV. v5	
MATERIAL MARAGING STEEL C250				FINISH 63 μinch		NEXT ASSY D1001005		CHECKER M. SMITH	DATE 01 NOV 2010	APPROVAL D. COYNE	SCALE: 1:1	PROJECTION:	SHEET 1 OF 2

D:\002608_Asl\GO_AOS_SLC ACB Suspension Blade_PART PDM REV: X-03_B_DRAWING PDM REV: X-028



THESE VIEWS FOR INTERNAL USE ONLY

DEFLECTION WHEN LOADED

 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV. v5
SIZE D	DWG. NO. D1002608	
SCALE: 1:1	PROJECTION: 	SHEET 2 OF 2

D:\002608_Adu\GO_ACS_S\ACS Suspension Blade_P\PART PDM REV.X-03_B_DRAWING PDM REV.X-02B