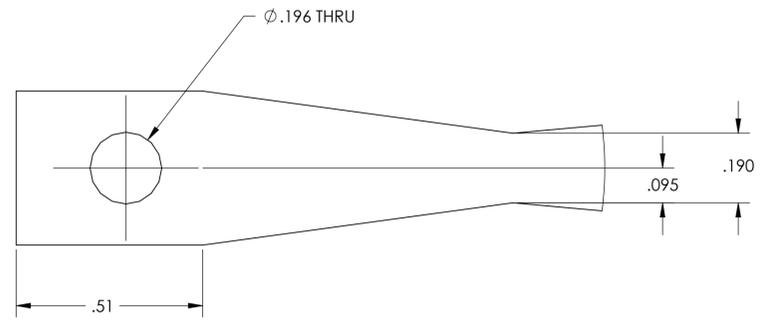
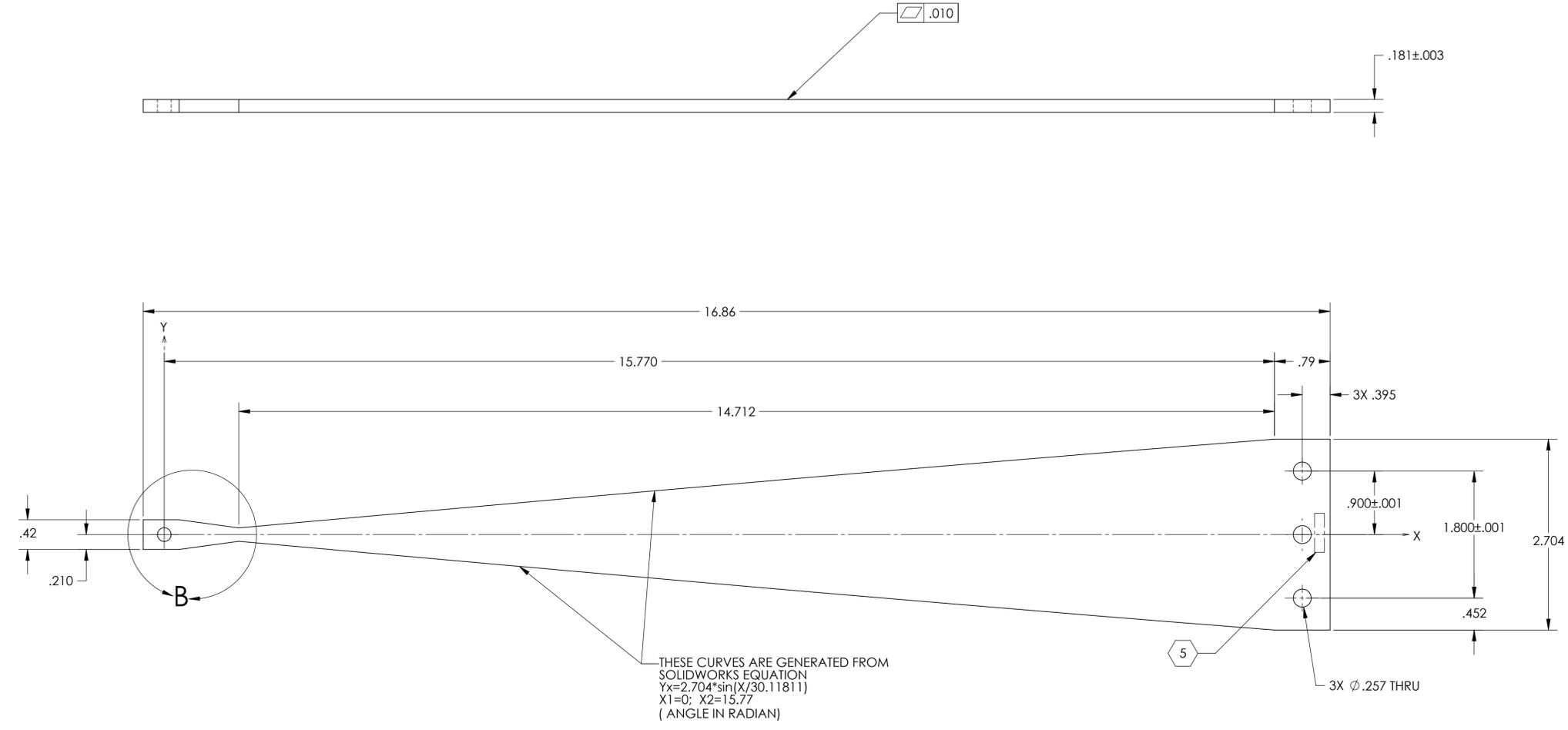


- NOTES CONTINUED:**
- 5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR TYPE IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. A VIBRATORY TOOL MAY BE USED. EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX
 - 6. PART TO BE HEAT TREATED AND PLATED IN ACCORDANCE WITH LIGO SPECIFICATION E0900023-V10.
 - 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH.
 - 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364 AND E0900023. E0900023 TAKES PRECEDANCE.

REV.	DATE	DCN #	DRAWING TREE #
v1	18 NOV 2010	E1101007	

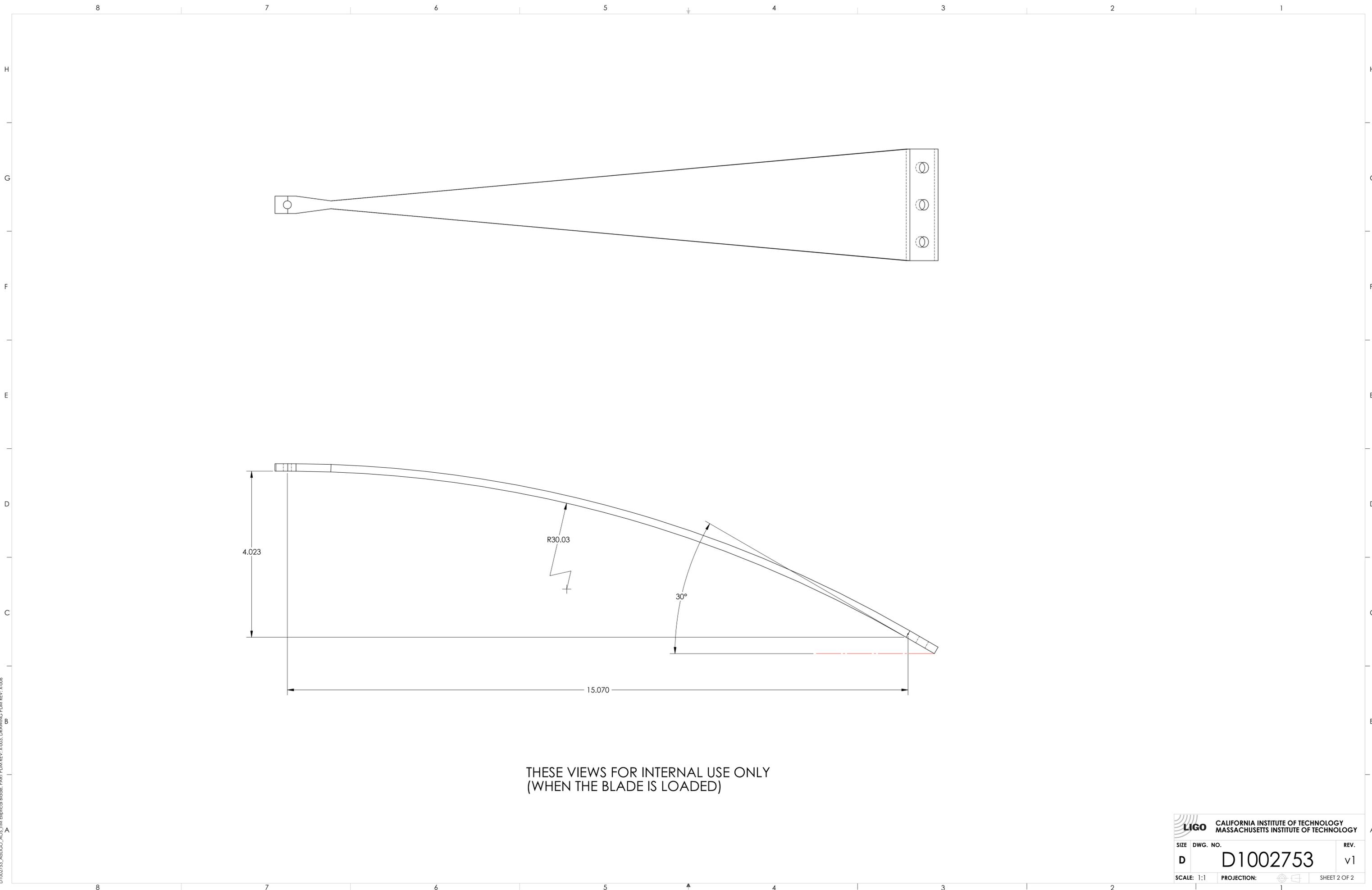


DETAIL B
SCALE 4 : 1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
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.	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± 1.0°	MATERIAL: MARAGING STEEL C250 FINISH: 63 μinch

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME ITM Elliptical Blade	
SYSTEM ADVANCED LIGO	SUB-SYSTEM AOS	DESIGNER N.Nguyen	DATE 01 Jun 2010
CHECKER M.RUIZ	DATE 23 NOV 2010	SIZE D	DWG. NO. D1002753
APPROVAL	REV. v1	SCALE: 1:1	PROJECTION:
MATERIAL MARAGING STEEL C250		FINISH 63 μinch	NEXT ASSY D1101886
		SCALE: 1:1	PROJECTION:
		PROJECTION:	SHEET 1 OF 2

D1002753_AudiLIGO_AOS_ITM_Elliptical Blade_PART PDM REV: X-003 DRAWING PDM REV: X-006



THESE VIEWS FOR INTERNAL USE ONLY
(WHEN THE BLADE IS LOADED)

 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SIZE	DWG. NO.	REV.
D	D1002753	v1
SCALE: 1:1	PROJECTION:	SHEET 2 OF 2

D1002753_AudiGO_ACS_TIM_Elliptical Blade_PART PDM_REV: X:003 DRAWING PDM_REV: X:006