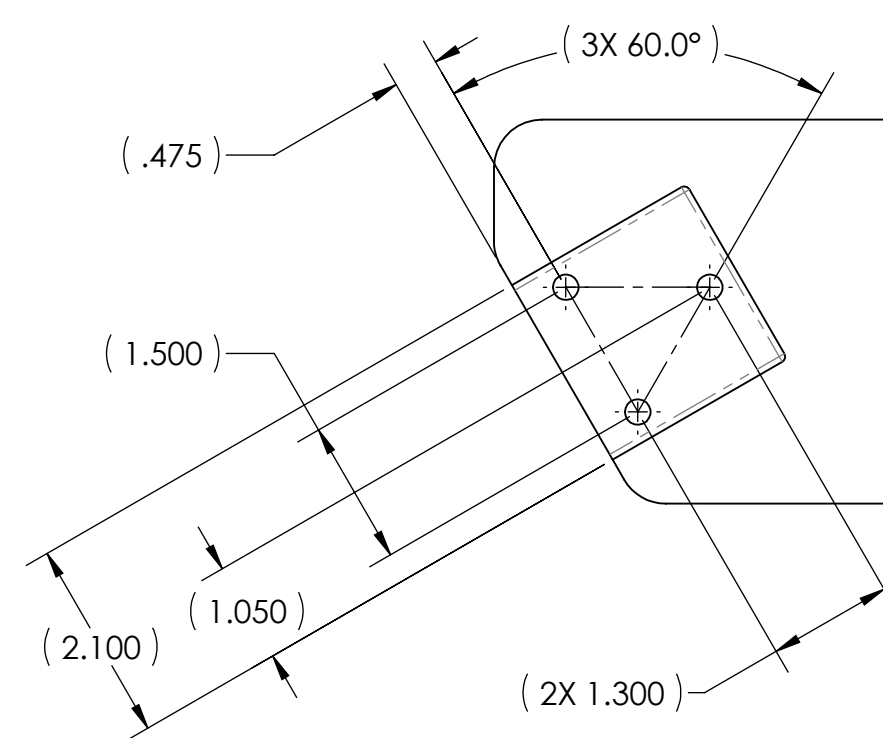
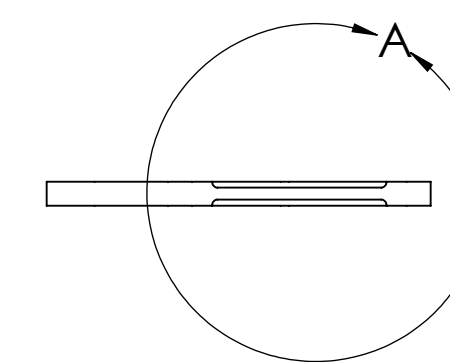
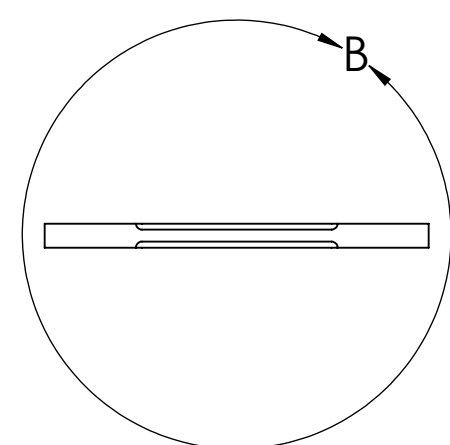
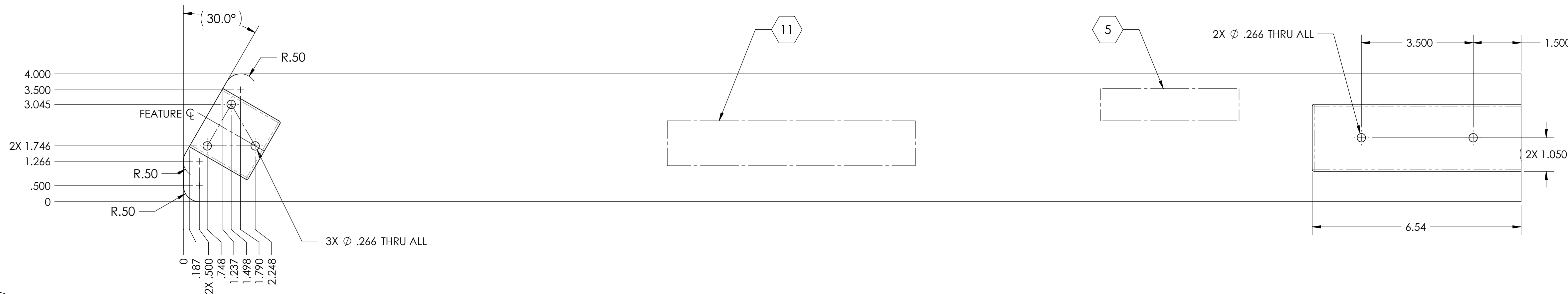
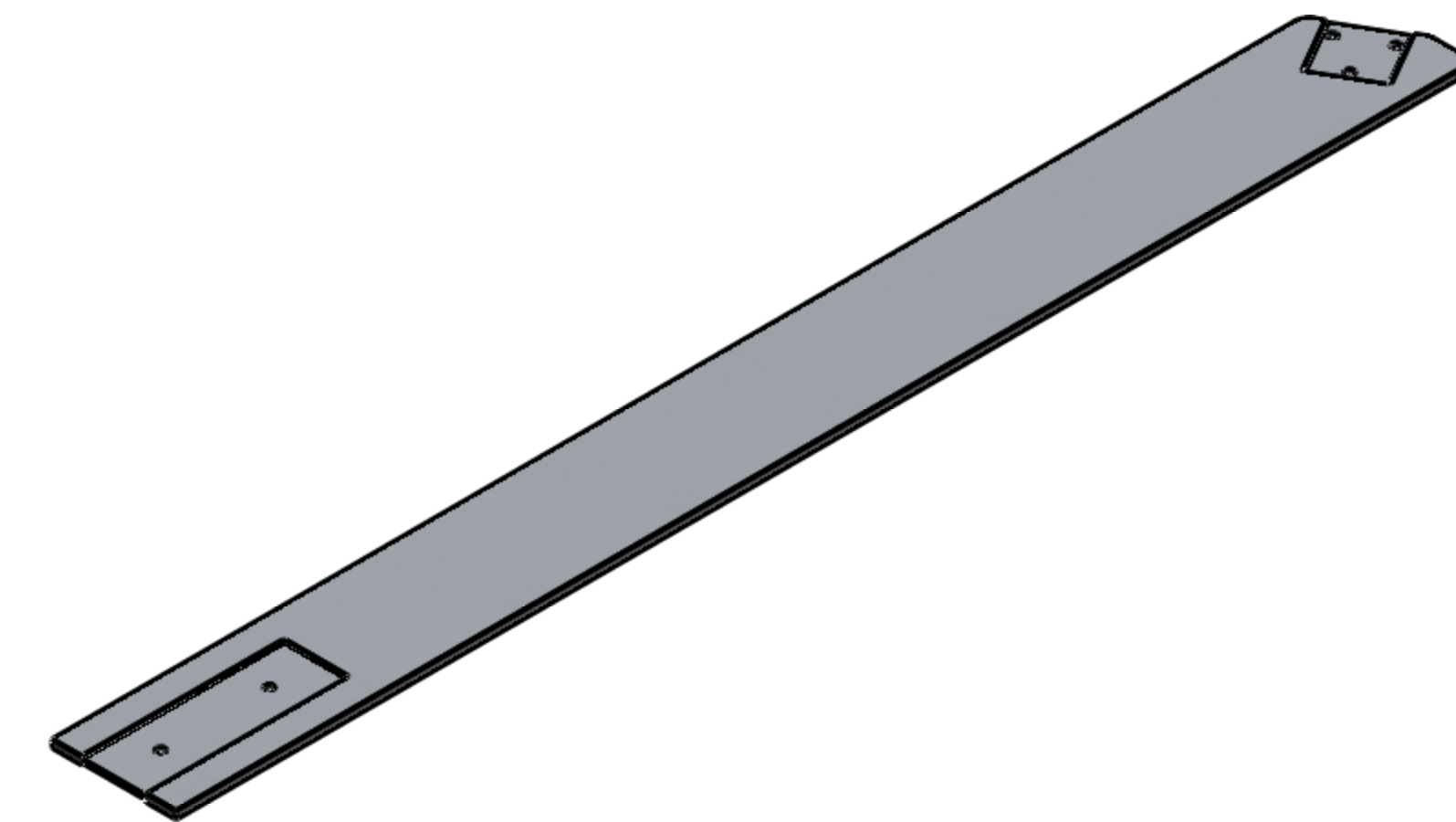
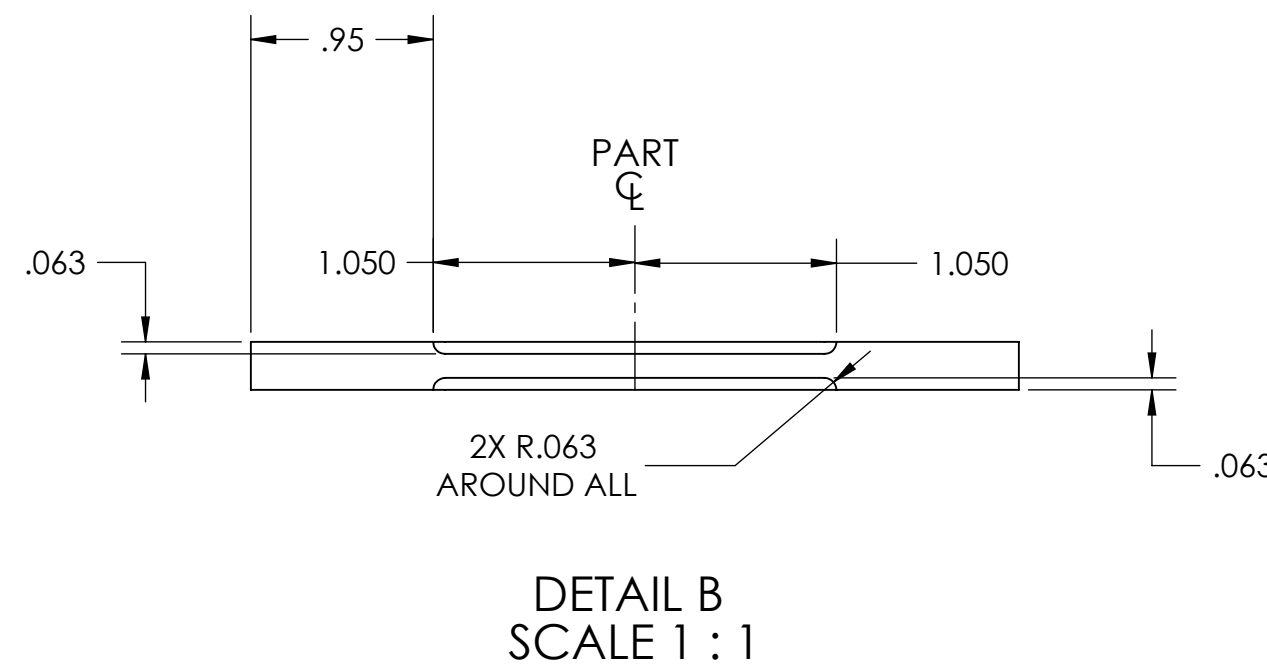
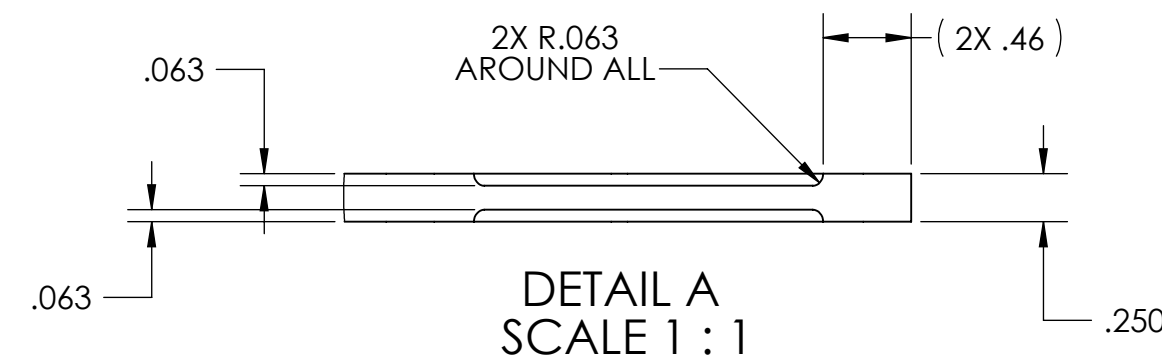


- NOTES CONTINUED:**
5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 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
  6. APPROXIMATE WEIGHT = 3.811 LB.
  7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364
  8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
  9. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, FLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.
  10. SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
  11. SCRIBE, ENGRAVE, LASER MARK OR MECHANICALLY STAMP THE FOLLOWING TEXT: "THIS SIDE UP, BSC" USE MINIMUM 0.25" HIGH CHARACTERS
  12. SCRIBE, ENGRAVE, LASER MARK OR MECHANICALLY STAMP THE FOLLOWING TEXT: "THIS SIDE UP, BSC" USE MINIMUM 0.25" HIGH CHARACTERS

REV.	DATE	DCN #	DRAWING TREE #
v2	16 FEB 2011	E1000883-v2	E1000884-v2



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± 0.5°		1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		<b>αLIGO TCS SHORT BASE TEMPLATE</b>	
MATERIAL: 6061 Alloy FINISH: 63 μinch		SYSTEM: ADVANCED LIGO SUB-SYSTEM: AOS NEXT ASSY: D1100293		DESIGNER: M. JACOBSON DRAFTER: M. JACOBSON CHECKER: J. LEWIS APPROVAL: P. WILLEMS	
DATE: 14 FEB 2011		DATE: 16 FEB 2011		SIZE: D DWG. NO.: D1100296 REV.: v2	
SCALE: 1:4		PROJECTION:		SHEET 1 OF 1	