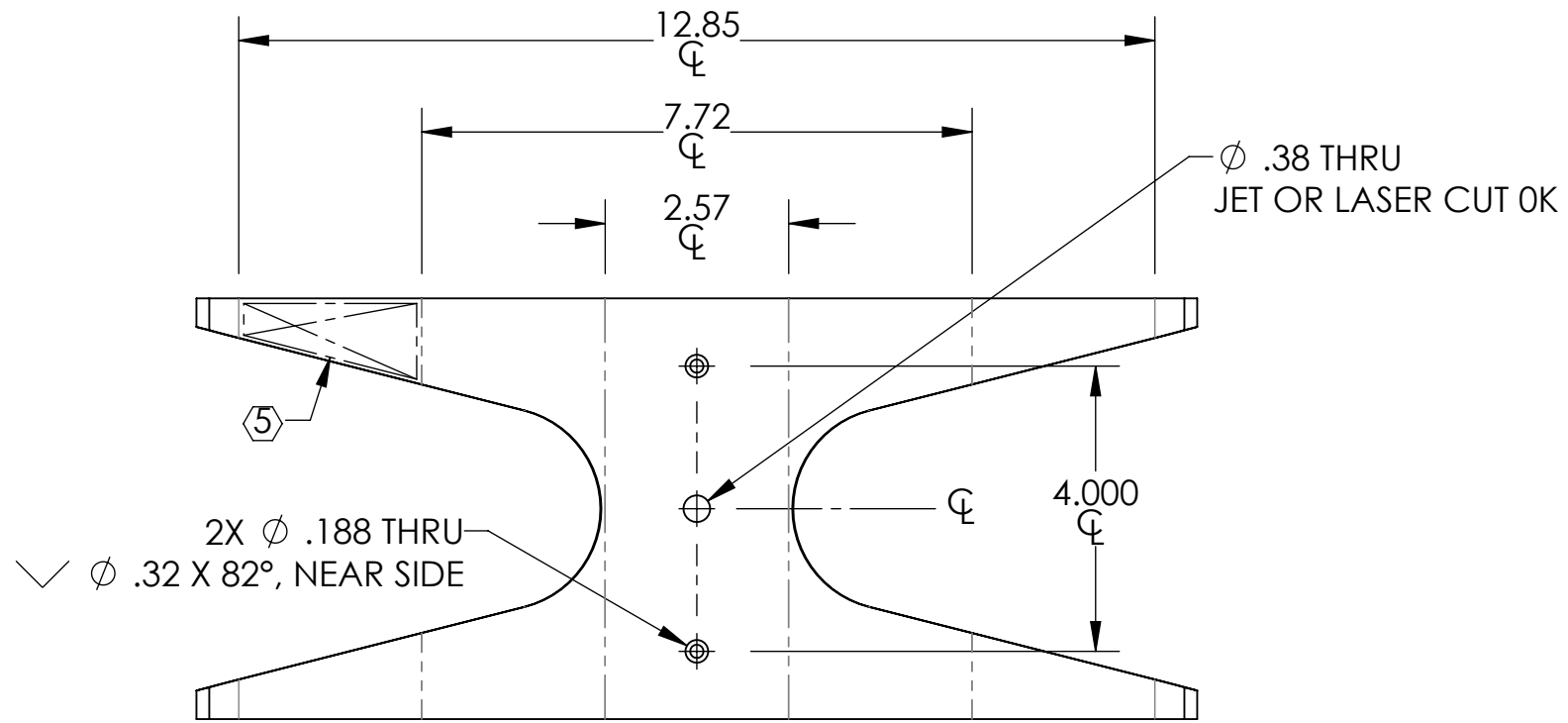
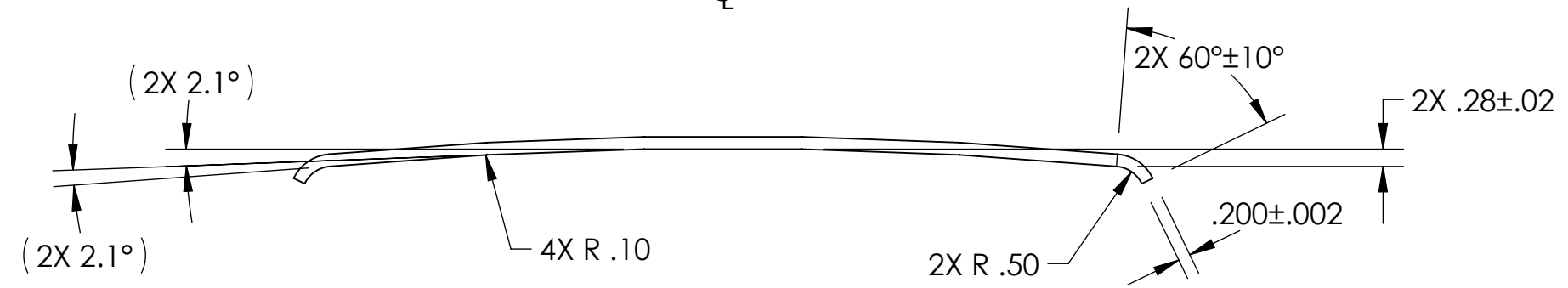
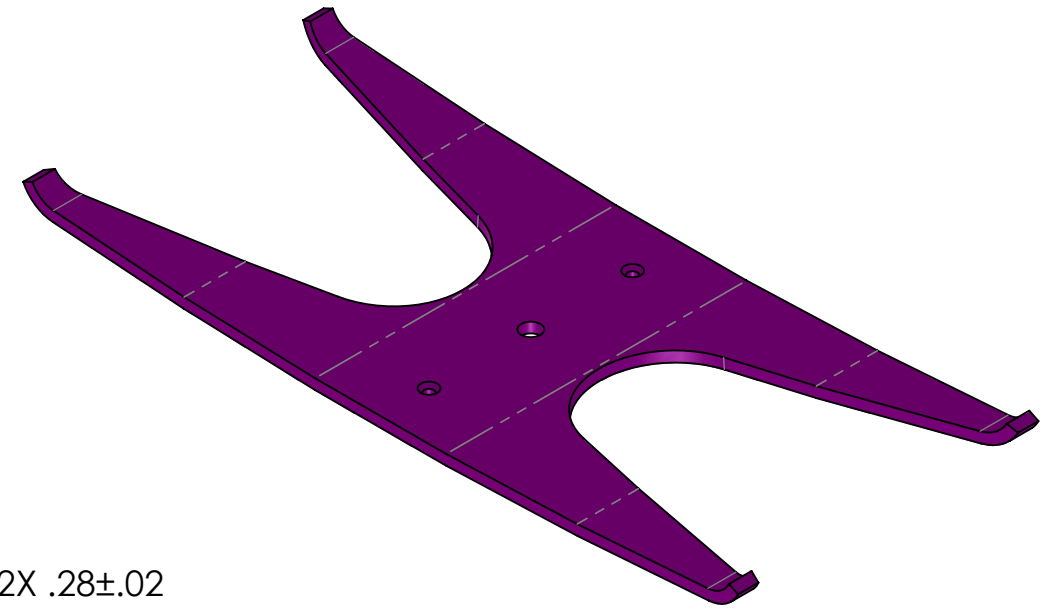
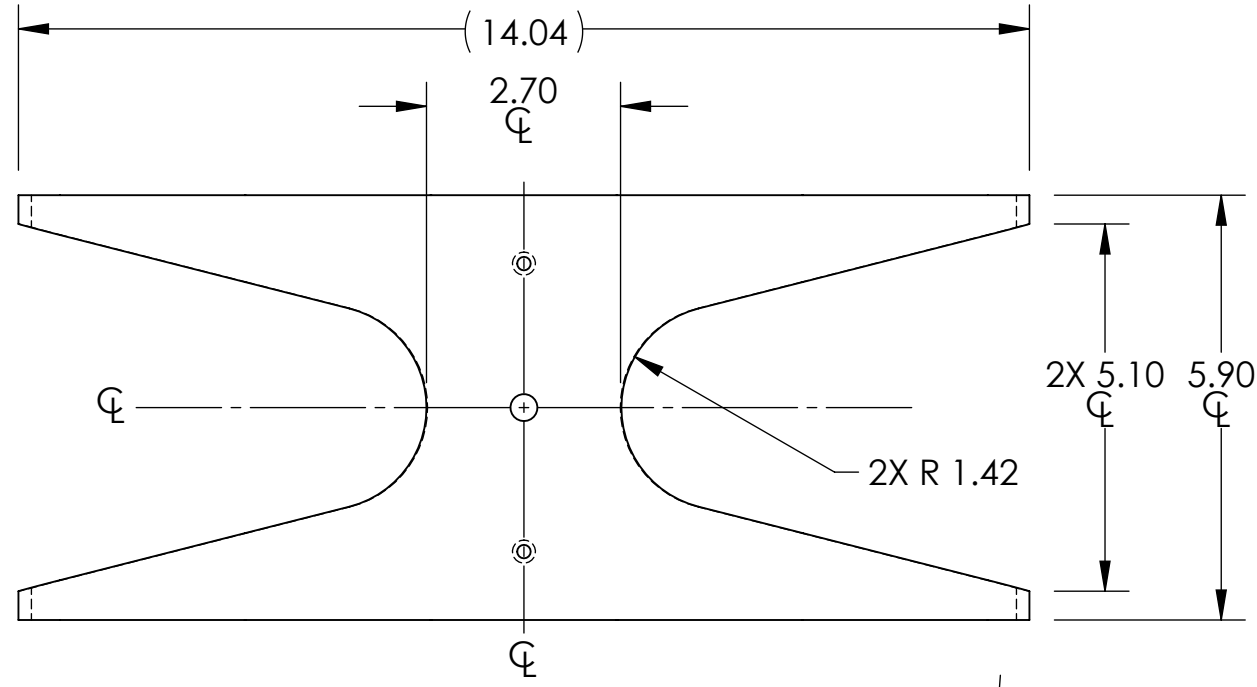


NOTES CONTINUED:
 5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR 'TYPE' IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. EXAMPLE: DXXXXXX-VV, TYPE-XX, S/N XXX

- 6. WEIGHT: 2.45 LB [1.11 KG].
 - 7. 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-E0900023-v11.
 - 8. PROCESS PARTS AS 'THICK' CURVED SPRINGS ACCORDING TO LIGO SPECIFICATION E0900023-v11 (DISREGARDING THE DOCUMENT'S DEFINITION OF < 0.4" AS 'THIN').
9. SPECIFIED SURFACE FINISH (63 μINCH Ra) APPLIES TO ENTIRE PART, INCLUDING SIDES AND HOLES (NOT PER LIGO-E0900023-v11, WHICH SPECIFIES 32 μINCH Ra).

REV.	DATE	DCN #	DRAWING TREE #
v1	30 AUG 2012	-	-
v2	31 AUG 2012	-	-
v3	31 AUG 2012	-	-
v4	19 SEP 2012	-	-
v5	20 SEP 2012	-	-



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
 .XX ± .01
 .XXX ± .005
 ANGULAR ± °

MATERIAL: MARAGING STEEL C250
 FINISH: 63 μinch Ra

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

PART NAME: **ALIGO AOS PCAL PERISCOPE FLEXURE**

DESIGNER: R. SAVAGE	DATE: 30 AUG 2012	SIZE: B	DWG. NO.: D1201203	REV.: v5
DRAFTER: C. CONLEY	DATE: 30 AUG 2012	SCALE: NONE	PROJECTION:	SHEET 1 OF 1
CHECKER:				
APPROVAL:				

SYSTEM: ADVANCED LIGO
 SUB-SYSTEM: AOS
 NEXT ASSY: D1200174

D1201203 alIGO AOS PCal Periscope Flexure, PART PDM REV: X-004, DRAWING PDM REV: X-012