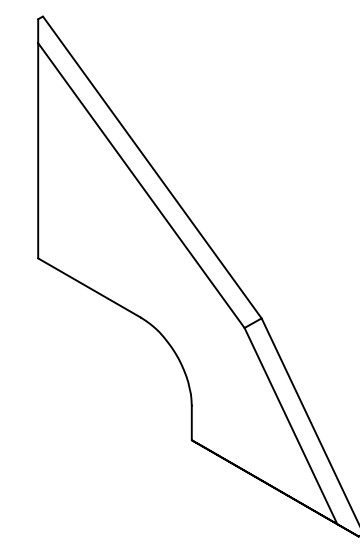
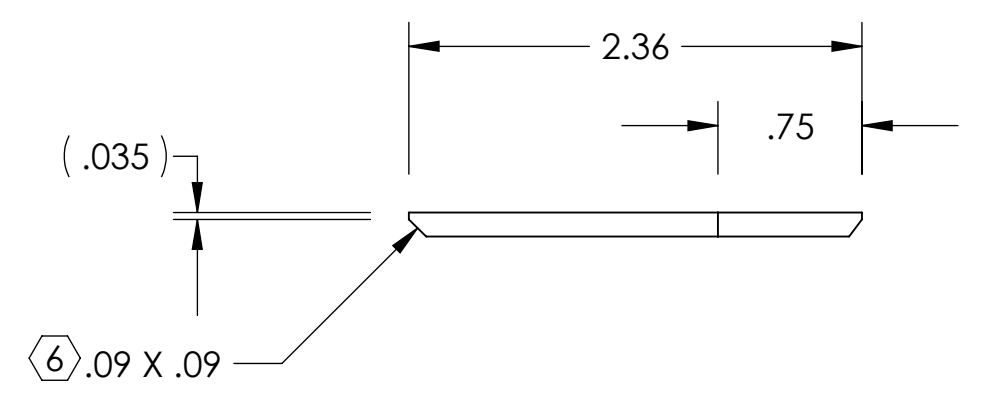
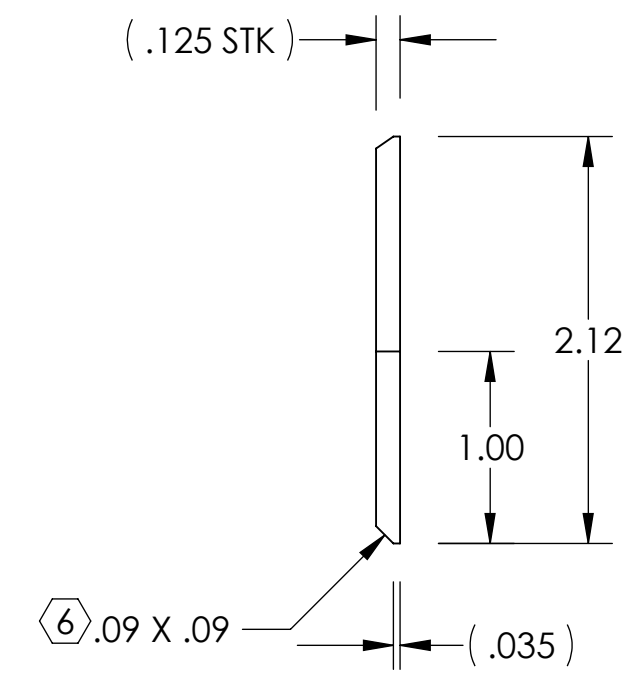
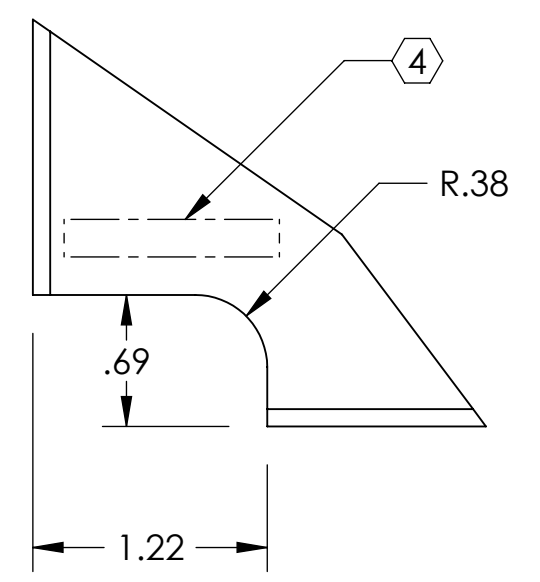


REV.	DATE	DCN #	DRAWING TREE #
V1	03 MAR 2009	E080446	E080191



ISOMETRIC VIEW



This piece is part of a weldment. Dimensions shown are approximate; weld induced shrinkage or fill, and post weld annealing and machining considerations are not included. See D070442-v1 for required dimensions of structure after welding.

NOTES: (UNLESS OTHERWISE SPECIFIED)			CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY IGR, GLASGOW UNIVERSITY GEO 600 GROUP	
1. REMOVE ALL SHARP EDGES, R.02 MIN. 2. DO NOT SCALE FROM DRAWING. 3. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410 (SSTL)			LIGO	
4. 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.			SYSTEM ADVANCED LIGO	
5. L AND LN VARIANTS OF 304 SSTL ARE ACCEPTABLE.			SUB-SYSTEM SUS	
6. HALF OF PARTS TO HAVE CHAMFER ON OPPOSITE FACE.			NEXT ASSY HLTS STRUCTURAL WELDMENT	
DIMENSIONS ARE IN INCHES			PART NAME SIDE GUSSET	
TOLERANCES: .XX ± .01 .XXX ± .005			SIZE DWG. NO. D070577	
ANGULAR ± 0.5°			REV. V1	
MATERIAL 304 SSTL			SCALE: 1:1 PROJECTION:	
FINISH 32 μinch			SHEET 1 OF 1	
DESIGNER	D. BRIDGES	4 MAR 2009		
DRAWN	B. MOORE	25 MAR 2009		
CHECKED	D. BRIDGES	25 MAR 2009		

D070577_Advanced_LIGO_SUS_HLTS_Structure_Side_Gusset, PART PDM REV: X-001, DRAWING-PDM REV: X-002