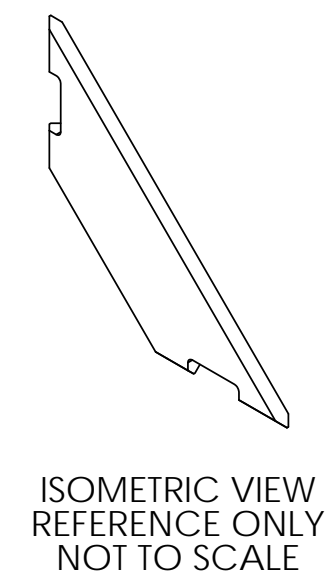
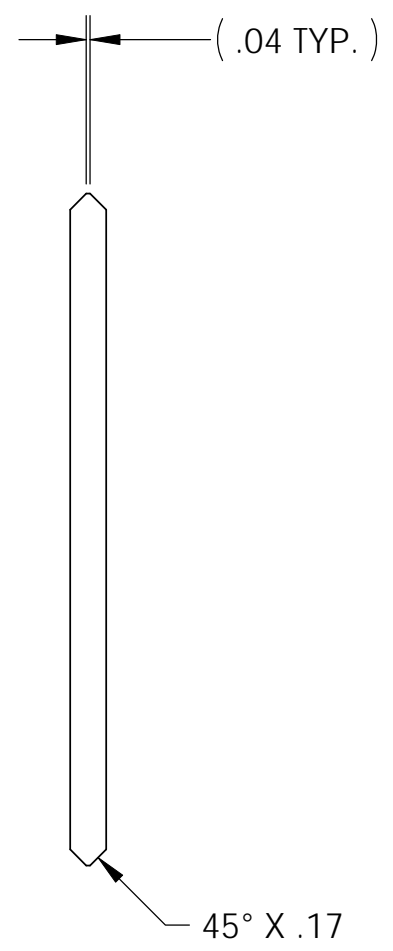
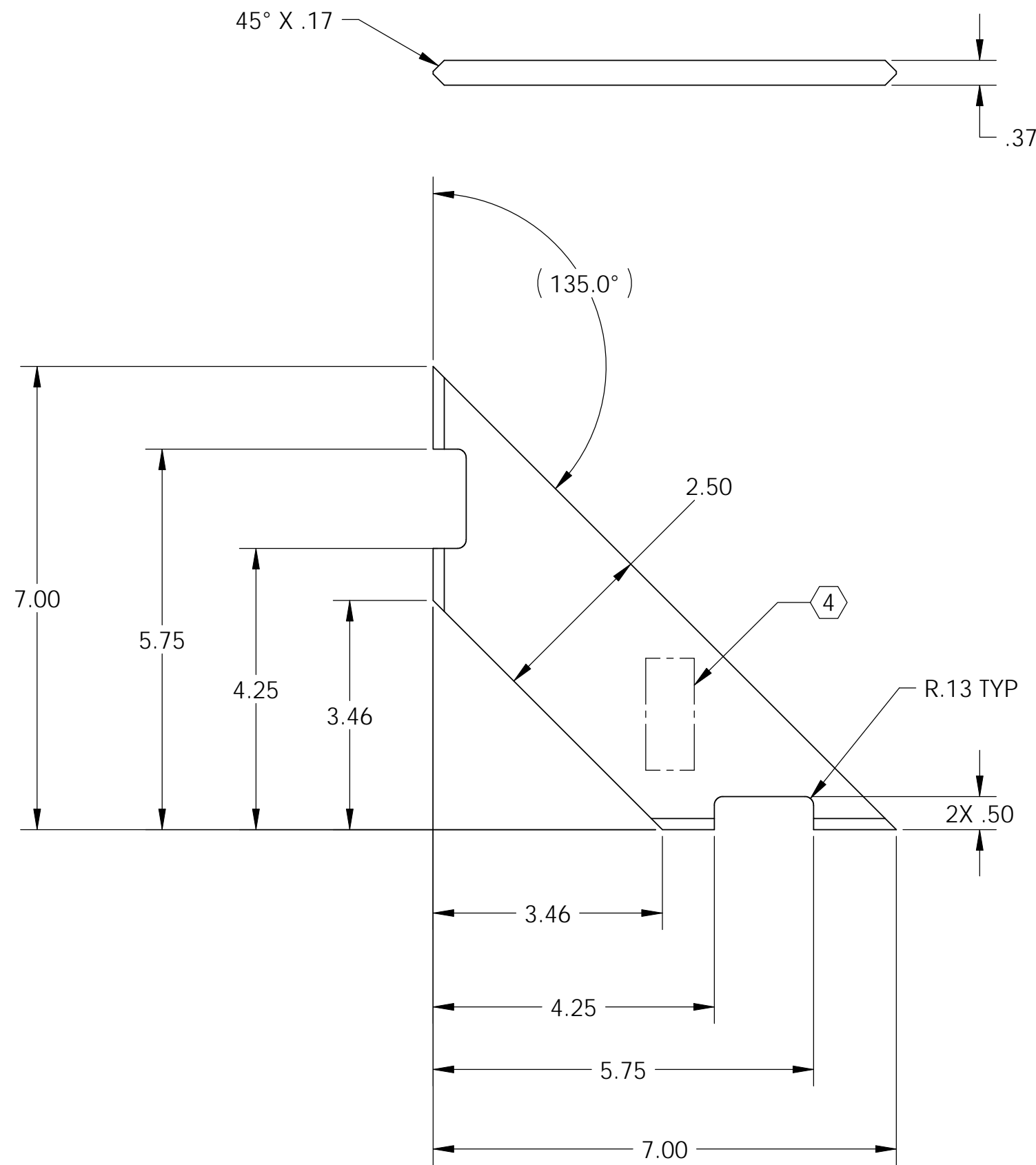


D0900349\_AdvLIGO\_OMC\_Structure\_Gusset\_7X7, PART PDM REV: X-001, DRAWING PDM REV: X-000

REV.	DATE	DCN #	DRAWING TREE #
v1	16 APR 2009	E0900106	E0900052



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 D0900308-v1 for required dimensions of structure after welding.

<p><b>NOTES: (UNLESS OTHERWISE SPECIFIED)</b></p> <p>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)</p> <p>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.</p>			<p>DIMENSIONS ARE IN MILLIMETERS</p> <p>TOLERANCES: .XX ± .01 .XXX ± .005</p> <p>ANGULAR ± 0.5°</p>			<p>CALIFORNIA INSTITUTE OF TECHNOLOGY <b>LIGO</b> MASSACHUSETTS INSTITUTE OF TECHNOLOGY</p>		
<p><b>MATERIAL</b> 6061-T6 Al</p>			<p><b>SYSTEM</b> ADVANCED LIGO</p>					
<p><b>FINISH</b> 63 μinch</p>			<p><b>SUB-SYSTEM</b> SUS</p>					
<p><b>DESIGNER</b> C. ECHOLS 07 DEC 2006</p>			<p><b>NEXT ASSY</b> D0900308</p>					
<p><b>DRAWN</b> B. MOORE 15 MAR 2009</p>			<p><b>PART NAME</b> 7IN X 7 IN GUSSET</p>					
<p><b>CHECKED</b> M. MEYER 16 APR 2009</p>			<p><b>SIZE</b> B</p>					
<p><b>SCALE:</b> 1:2</p>			<p><b>DWG. NO.</b> D0900349</p>					
<p><b>PROJECTION:</b> </p>			<p><b>REV.</b> V1</p>					
<p><b>SHEET 1 OF 1</b></p>								