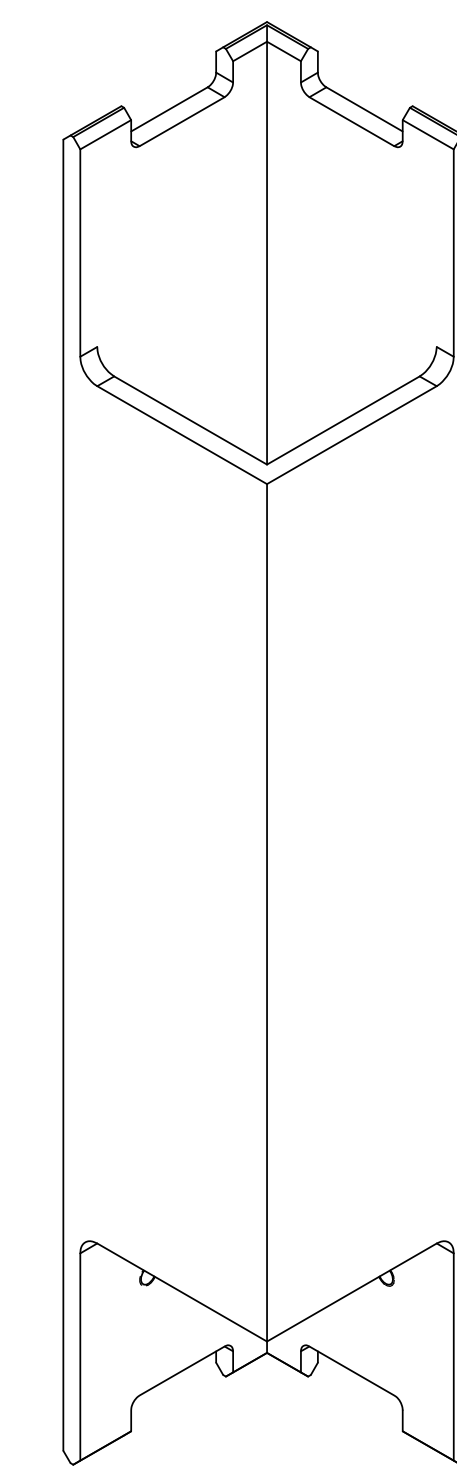
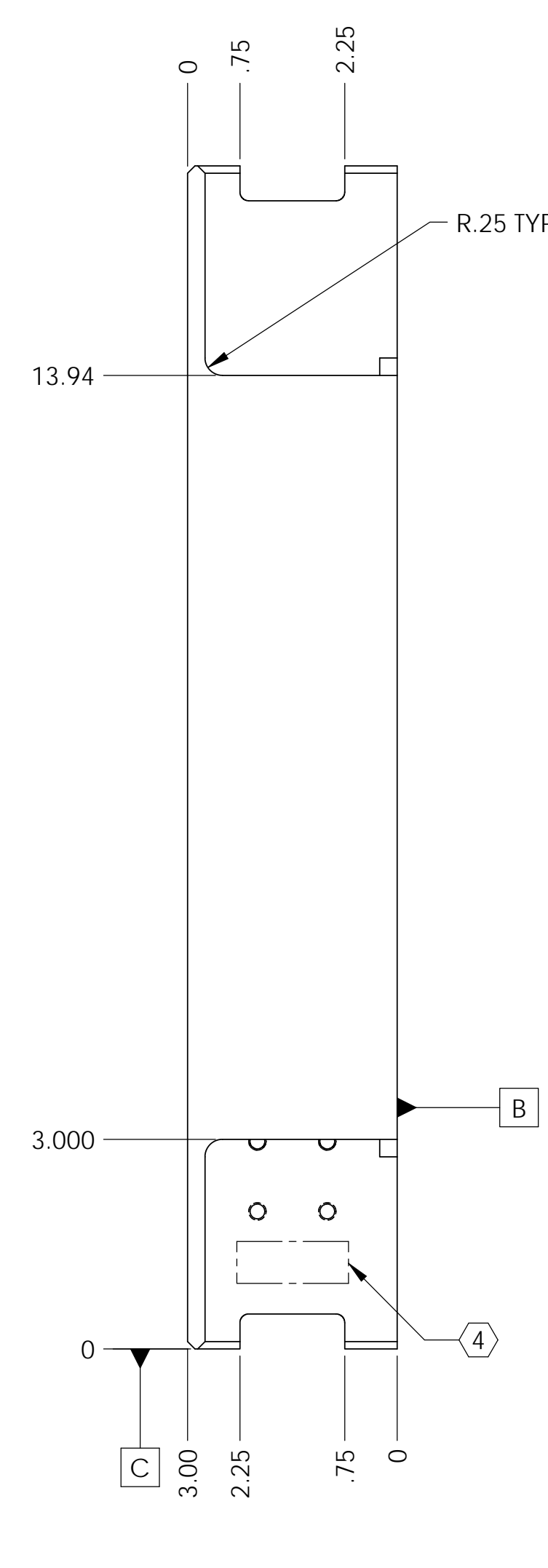
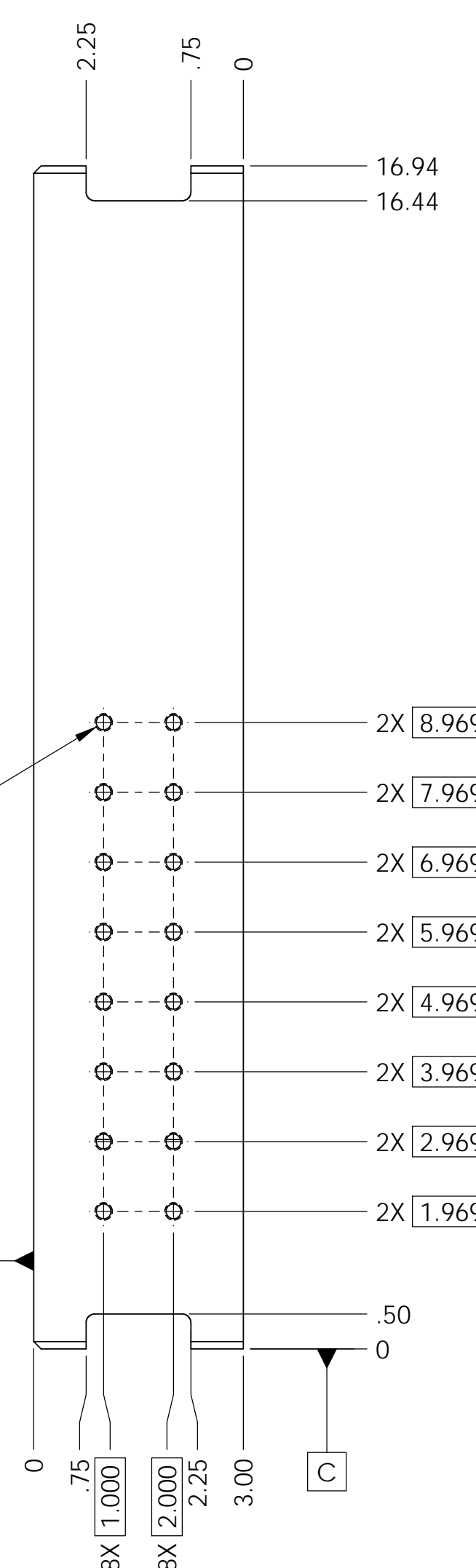


45° X .105 CHAMFER  
ALL AROUND, BOTH ENDS

DRILL AND TAP FOR 1/4-20 UNC  
+.005 OVERSIZE TAP, THRU WALL  
∠ ∅ .291 X 82°  
16 PLACES  
⊕ ∅ .030 | A | B | C

DRILL AND TAP FOR 1/4-20 UNC  
+.005 OVERSIZE TAP, THRU WALL  
∠ ∅ .291 X 82°  
16 PLACES  
⊕ ∅ .030 | B | A | C



ISOMETRIC VIEW  
FOR REFERENCE ONLY  
NOT TO SCALE

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>NOTES: (UNLESS OTHERWISE SPECIFIED)</p> <p>1 REMOVE ALL SHARP EDGES: R0.02 MIN. DIMENSIONS ARE IN INCHES</p> <p>2 DO NOT SCALE FROM DRAWING</p> <p>3 ALL MACHINING EDGES SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SODIUM. SUCH AS OIL/EMULSION MILACRON'S COMTECH 410 (SS)</p> <p>4 SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER AND REVISION ON MACHINED 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 OF HIGH CHARACTERS. EXAMPLE: 00000001 OR 001</p> <p>A VIBRATORY TOOL MAY BE USED.</p>		<p>CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY</p> <p>SYSTEM: <b>ADVANCED LIGO</b></p> <p>SUB-SYSTEM: <b>SUS</b></p> <p>MATERIAL: <b>6061-16 Al</b></p> <p>FINISH: <b>63 μinch</b></p> <p>DESIGNER: <b>C. ECHOLS</b> 07 DEC 2006</p> <p>DRAWN: <b>B. WACHS</b> 13 MAR 2009</p> <p>CHECKED: <b>M. MITER</b> 16 APR 2009</p>	
<p>ANGULAR ± 0.5°</p> <p>PART NAME: <b>LEG, OMC STRUCTURE</b></p> <p>SCALE: <b>1:2</b></p>		<p>NEXT ASSY: <b>D0900308</b></p> <p>PART NO: <b>D0900348</b></p> <p>SCALE: <b>1:2</b></p>	

D0900348\_AvdLIGO\_OMC\_Structure\_Leg\_PART.PDF REV: X-002 DRAWING PDM REV: X-000