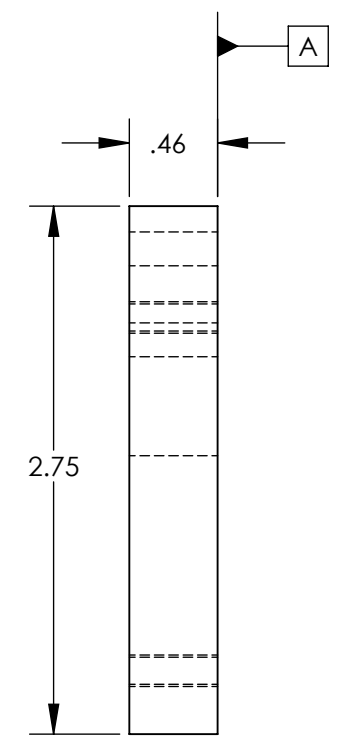
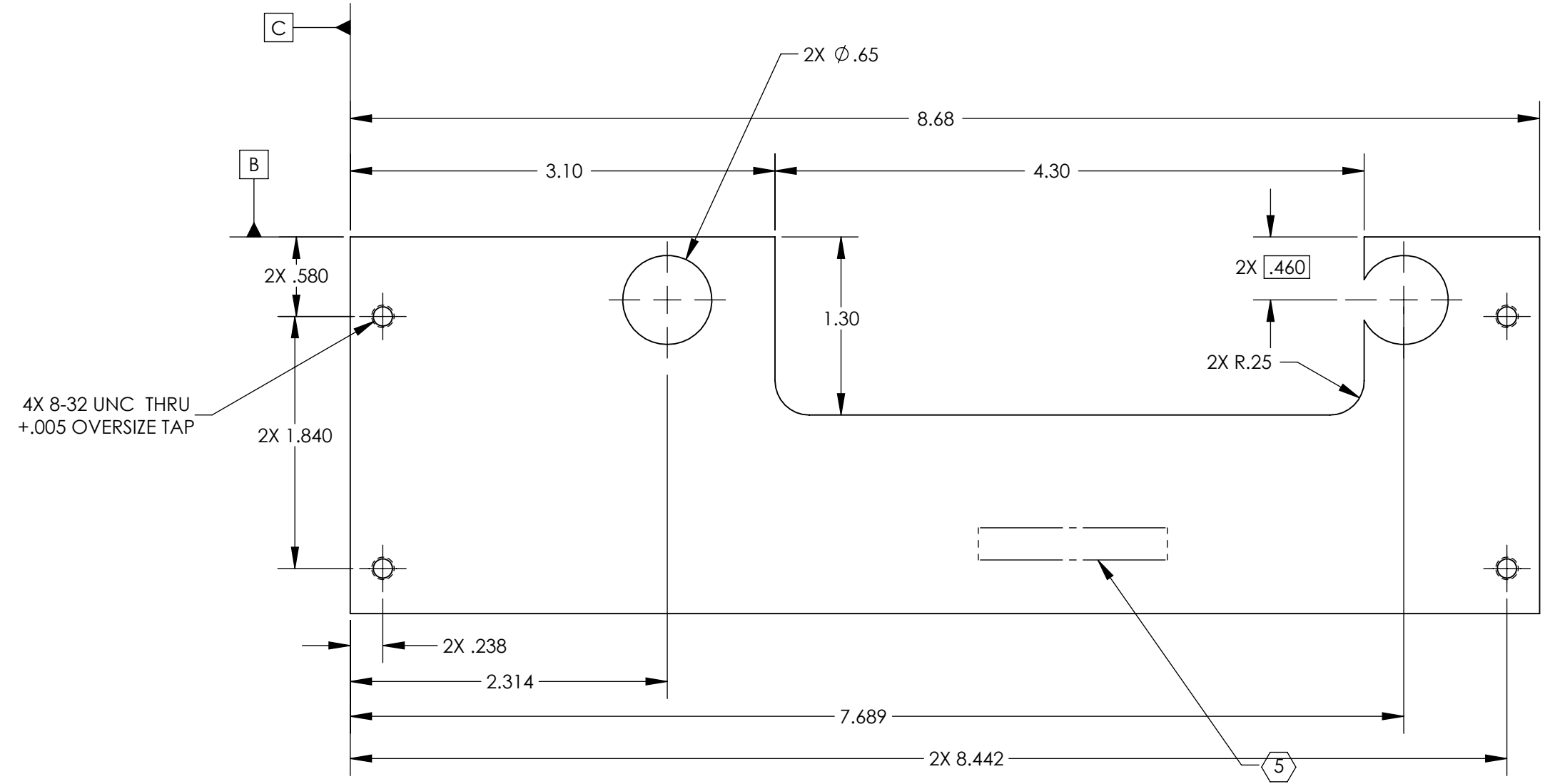


8 7 6 5 4 3 2 1

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. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
 7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

| REV. | DATE | DCN # | DRAWING TREE # |
|------|-------------|----------|----------------|
| v1 | 08 OCT 2010 | E1000563 | |
| v2 | 28 FEB 2011 | E1000563 | |
| v3 | 29 DEC 2011 | E1000563 | |
| v4 | 10 JUL 2012 | E1000563 | |
| v5 | 14 SEP 2012 | E1000563 | |
| v6 | 26 SEP 2012 | E1000563 | |

D1002257_ALIGO_AOS_D100256_Crossbar Plate_In, PART PDM REV: X-012, DRAWING PDM REV: X-026



| 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 ± .5° | | | | 1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. | | SYSTEM ADVANCED LIGO | | SUB-SYSTEM AOS | | DESIGNER MRUIZ | DATE 08/25/2010 | SIZE B | DWG. NO. D1002257 | REV. v6 |
| | | | | | | MATERIAL 6061-T6 Al | | FINISH 63 μinch | | NEXT ASSY D1002256 | | APPROVAL M. SMITH | | SCALE: 1:1 PROJECTION: |

8 7 6 5 4 3 2 1