**NOTES CONTINUED:**

5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK (NO INKS OR DYES) DRAWING PART NUMBERS, 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 CONSECTIVELY. USE MINIMUM .12" HIGH CHARACTER, UNLESS THE OF THE PART DICTATES SMALLER CHARACTERS.
EXAMPLE: DXXXXXXX-VY, TYPE-XX, S/N XXX
DO NOT APPLY MARK ON SUPER #8 SIDE.

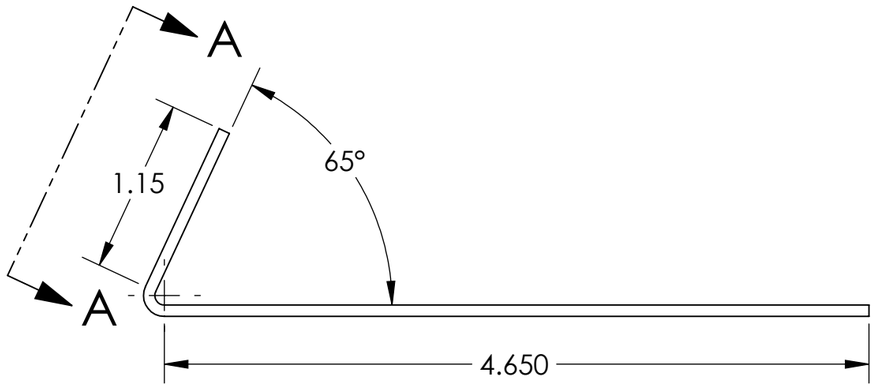
6. APPROXIMATE WEIGHT = .366 LB.

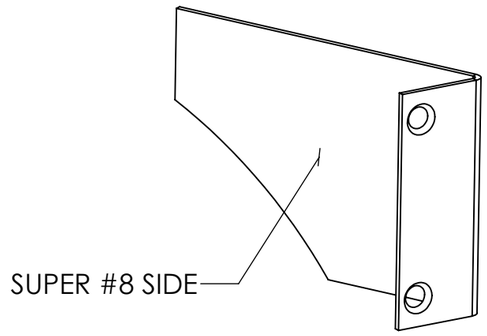
7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

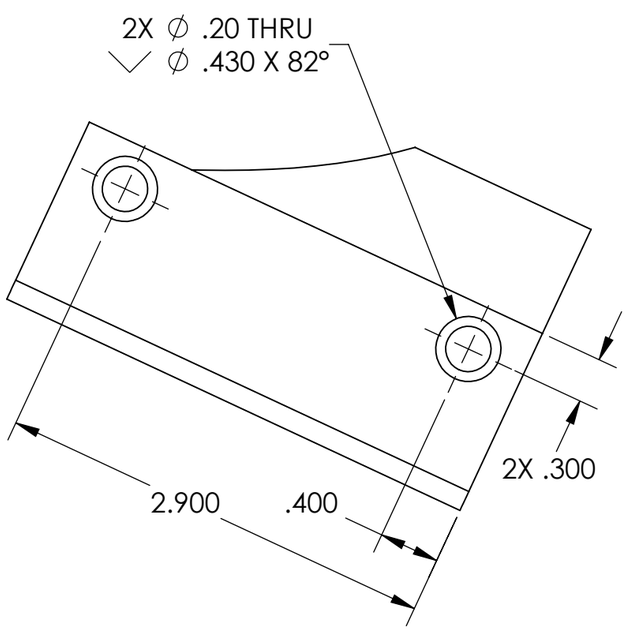
8. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.

9. PART TO BE OXIDIZED PER SPECIFICATION E1100842.

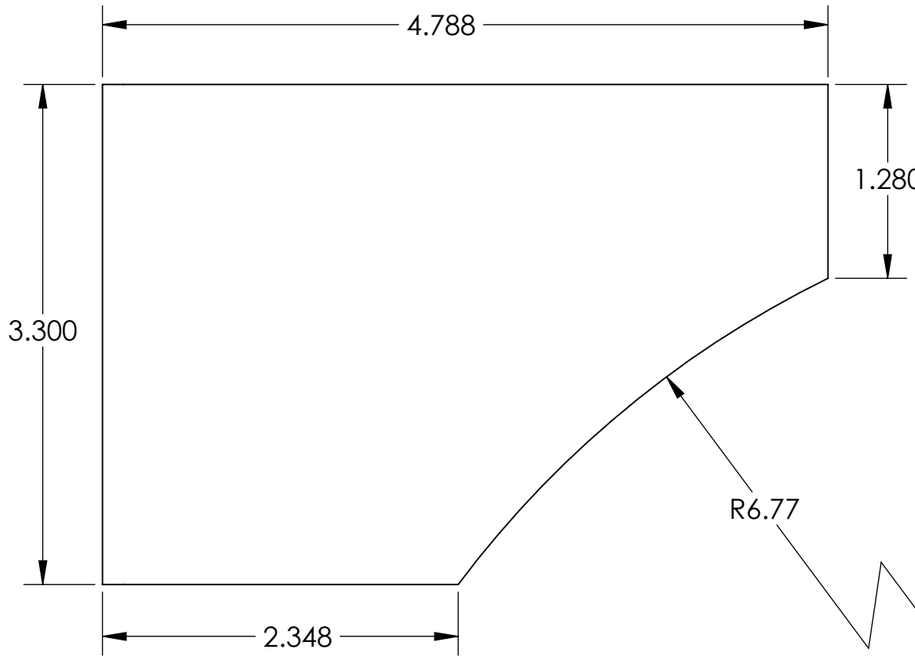
| REV. | DATE | DCN # | DRAWING TREE # |
|---|---|---|---|
| v1 | 26 SEP 2012 | E1100335 | - |
| - | - | - | - |
| - | - | - | - |




VIEW A-A






| NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| DIMENSIONS ARE IN INCHES<br>TOLERANCES:<br>.XX ± .02<br>.XXX ± .005<br>ANGULAR ± 0.5° | 1. INTERPRET DRAWING PER ASME Y14.5-1994.<br>2. REMOVE ALL SHARP EDGES, .005-.015. FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATLEY R.02 FOR SHEET METAL PARTS.<br>3. DO NOT SCALE FROM DRAWING.<br>4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. | | | LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | PART NAME: ACB, UPPER RIGHT MOUSE HOLE COVER | | | |
| | MATERIAL: 14 GAUGE 304 SSTL | FINISH: SUPER #8 | | SYSTEM: ADVANCED LIGO | SUB-SYSTEM: AOS | DESIGNER: TQ. NGUYEN 16 AUG 2012 | SIZE: B | DWG. NO.: D1201160 | REV.: v1 |
| | | | | NEXT ASSY: D1200654 & d1201036 | | DRAFTER: TQ. NGUYEN 26 SEP 2012 | | | |
| | | | | | | CHECKER: L. AUSTIN | | | |
| | | | | | | APPROVAL: M. SMITH | SCALE: 1:1 | PROJECTION: | SHEET 1 OF 1 |

D1201160_AdLIGO_AOS_SLC_ACB Upper Right Mouse Hole Cover, PART PDM REV: X-008, DRAWING PDM REV: X-004