**NOTES CONTINUED:**

5. MECHANICALLY STAMP (NO INKS OR DYTES) PART NUMBER, REVISON AND SERIAL NUMBER .020 DEEP WITH MINIMUM CHARACTER HEIGHT .156 APPROXIMATELY WHERE SHOWN. SERIAL NUMBER WILL START AT 001 AND PROCEED CONSECUTIVELY.

   EXAMPLE: D100XXXX-V1
   S/N 001

6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPEC E0900364.

7. ALL MATERIAL IS TO BE VIGIN MATERIAL (I.E. NO WELD REPAIRS OR PLUGS) UNLESS APPROVED IN ADVANCE, IN WRITING, BY LIGO PER SPECIFICATION E0900364.

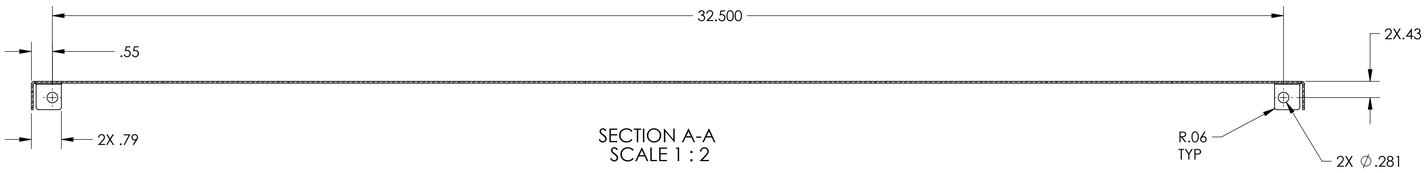
8. SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.

7. DELETED.

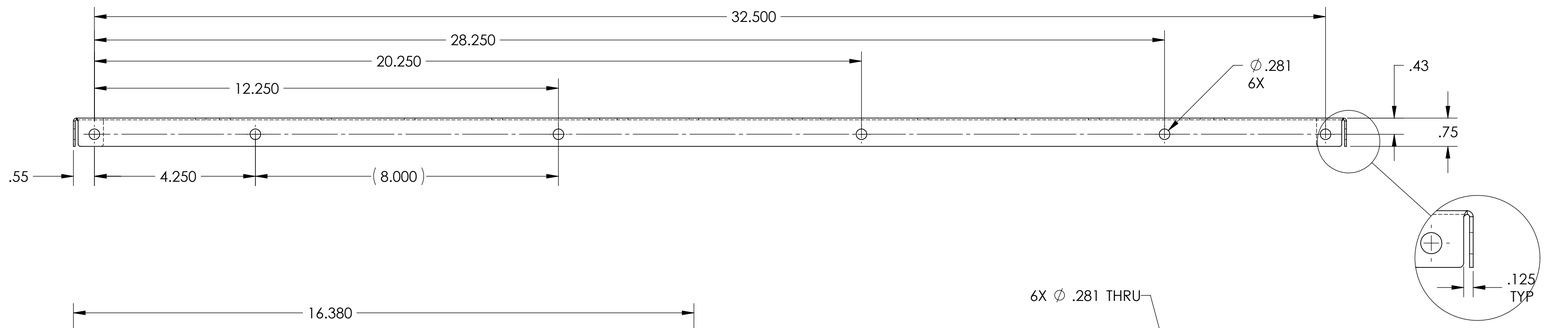
10. DELETED.

11. DELETED.

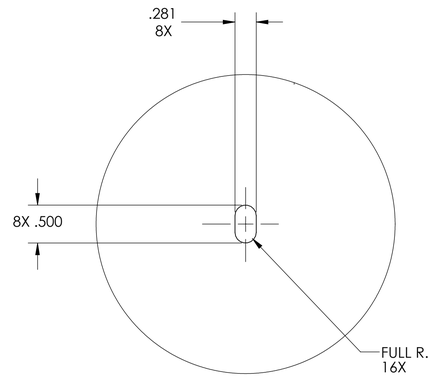
| REV. | DATE | DCN # | DRAWING TREE # |
|---|---|---|---|
| v1 | 10 AUG 2010 | E1000285 | |
| v2 | 2 MAR 2011 | E1100216 | |
| v3 | 25 JUN 2011 | E1100335 | |
| v4 | 7 SEP 2011 | E1100335 | |
| | | | |



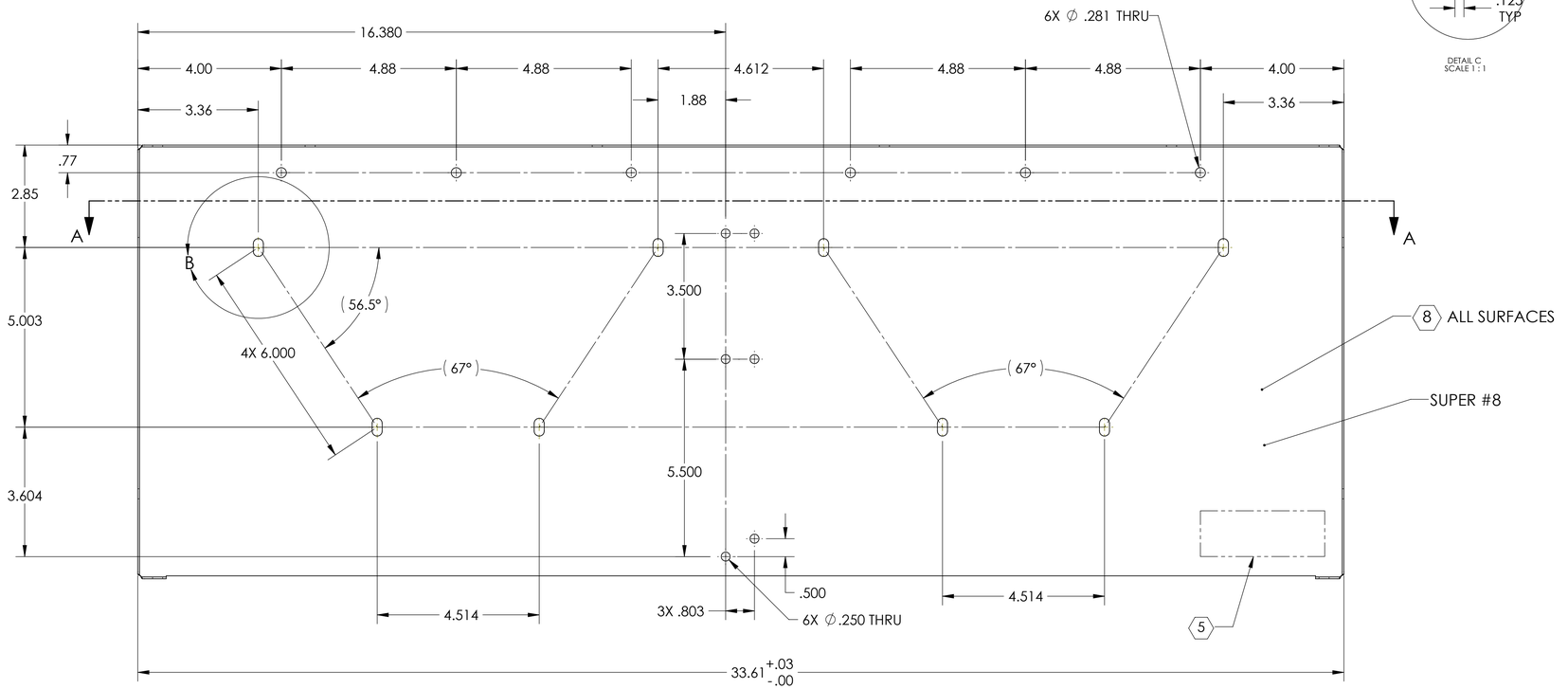

SECTION A-A
SCALE 1 : 2

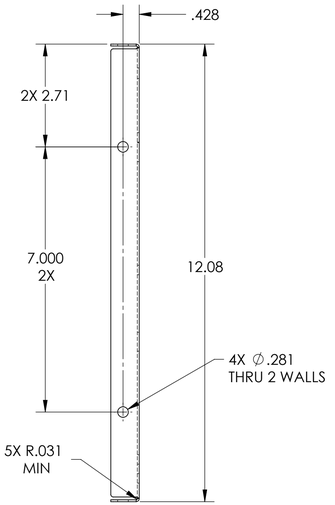



DETAIL C
SCALE 1 : 1

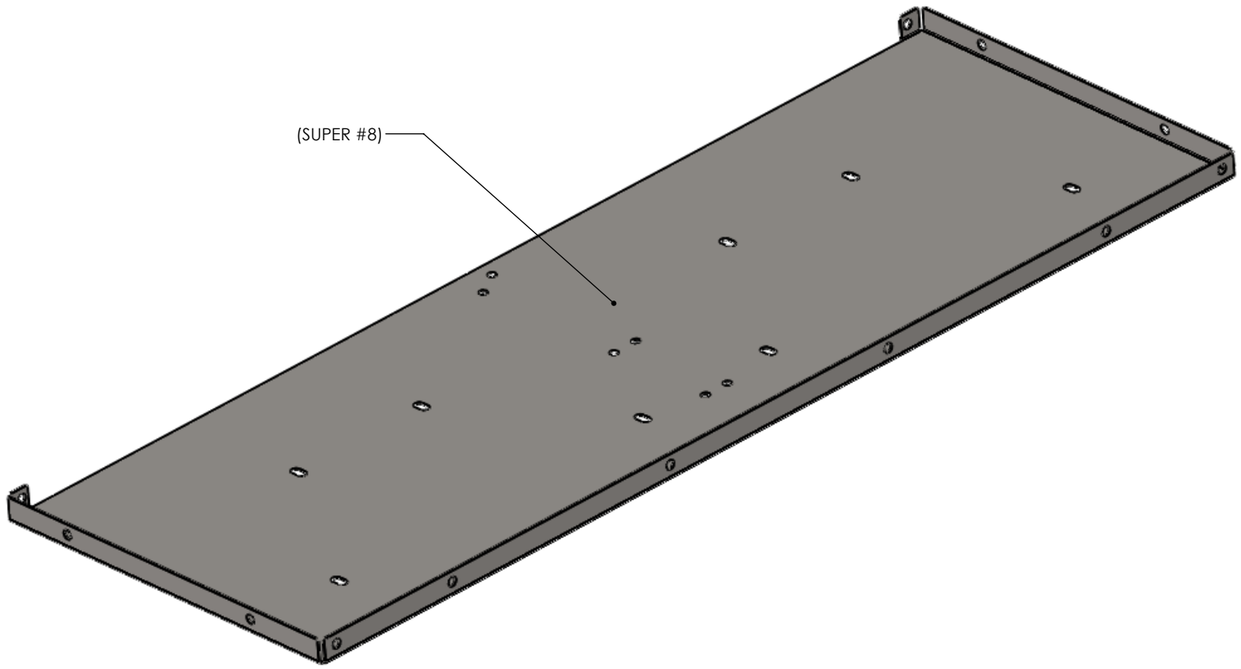


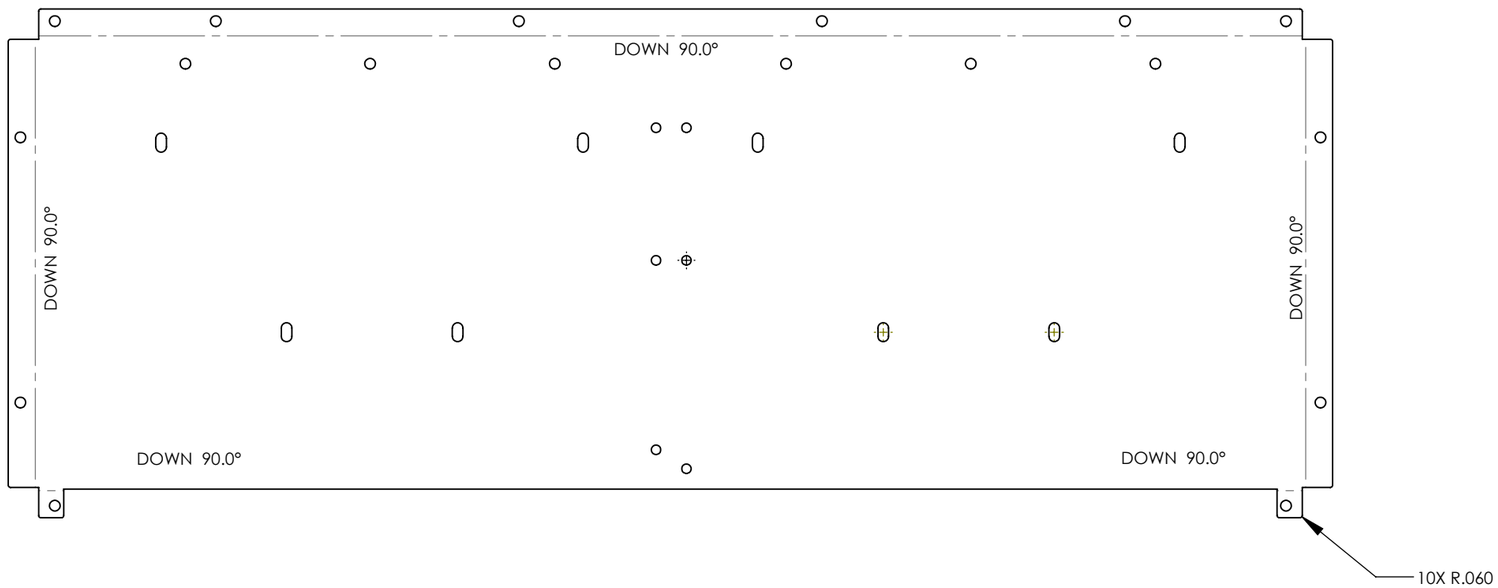

DETAIL B
SCALE 1 : 1




| NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DIMENSIONS ARE IN INCHES<br>TOLERANCES:<br>.XX ± .03<br>.XXX ± .015<br>ANGULAR ± 1.0° | 1. INTERPRET DRAWING PER ASME Y14.5-1994.<br>2. REMOVE ALL SHARP EDGES, .005-.015 ON ALL EDGES AND HOLES.<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 PER LIGO DOCUMENT E0900237. | | LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | PART NAME: ARM CAVITY BAFFLE BTM SKIN | | | | | |
| | MATERIAL: 18 GAUGE 304 SSTL | FINISH: 8 SUPER #8 | SYSTEM: ADVANCED LIGO | SUB-SYSTEM: AOS | DESIGNER | N.Nguyen | 01 Jun 2010 | SIZE: D | DWG. NO.: D1000975 | REV.: v4 |
| | | | NEXT ASSY: D1000977 | | DRAFTER | TQ. NGUYEN | 27 MAY 2010 | | | |
| | | | | | CHECKER | M. SMITH | 10 NOV 2010 | | | |
| | | | | | APPROVAL | D. COYNE | 20 NOV 2010 | SCALE: 1:4 | PROJECTION: | SHEET 1 OF 2 |




D1000975_AdLIGO_AOS_SLC ARM Cavity Baffle Bottom Skin, PART PDM REV: X-032, DRAWING PDM REV: X-039

| | | | |
|---|---|---|---|
| LIGO | CALIFORNIA INSTITUTE OF TECHNOLOGY<br>MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | |
| SIZE<br>B | DWG. NO.<br>D1000975 | | REV.<br>v4 |
| SCALE: 1:4 | PROJECTION: | SHEET 2 OF 2 | |