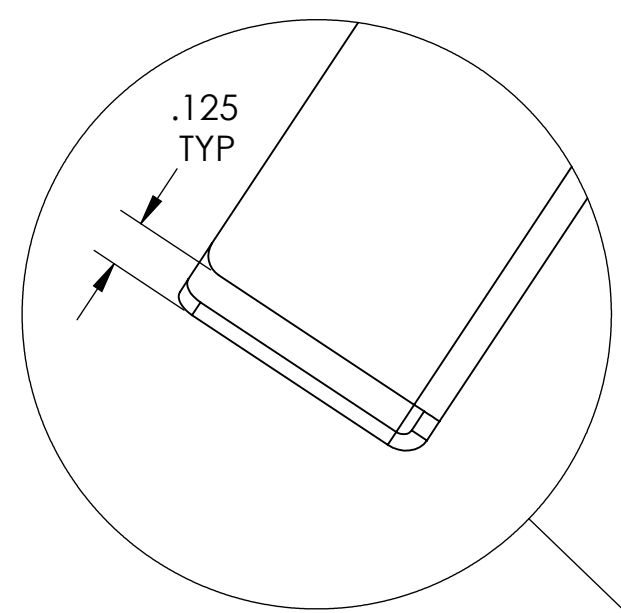
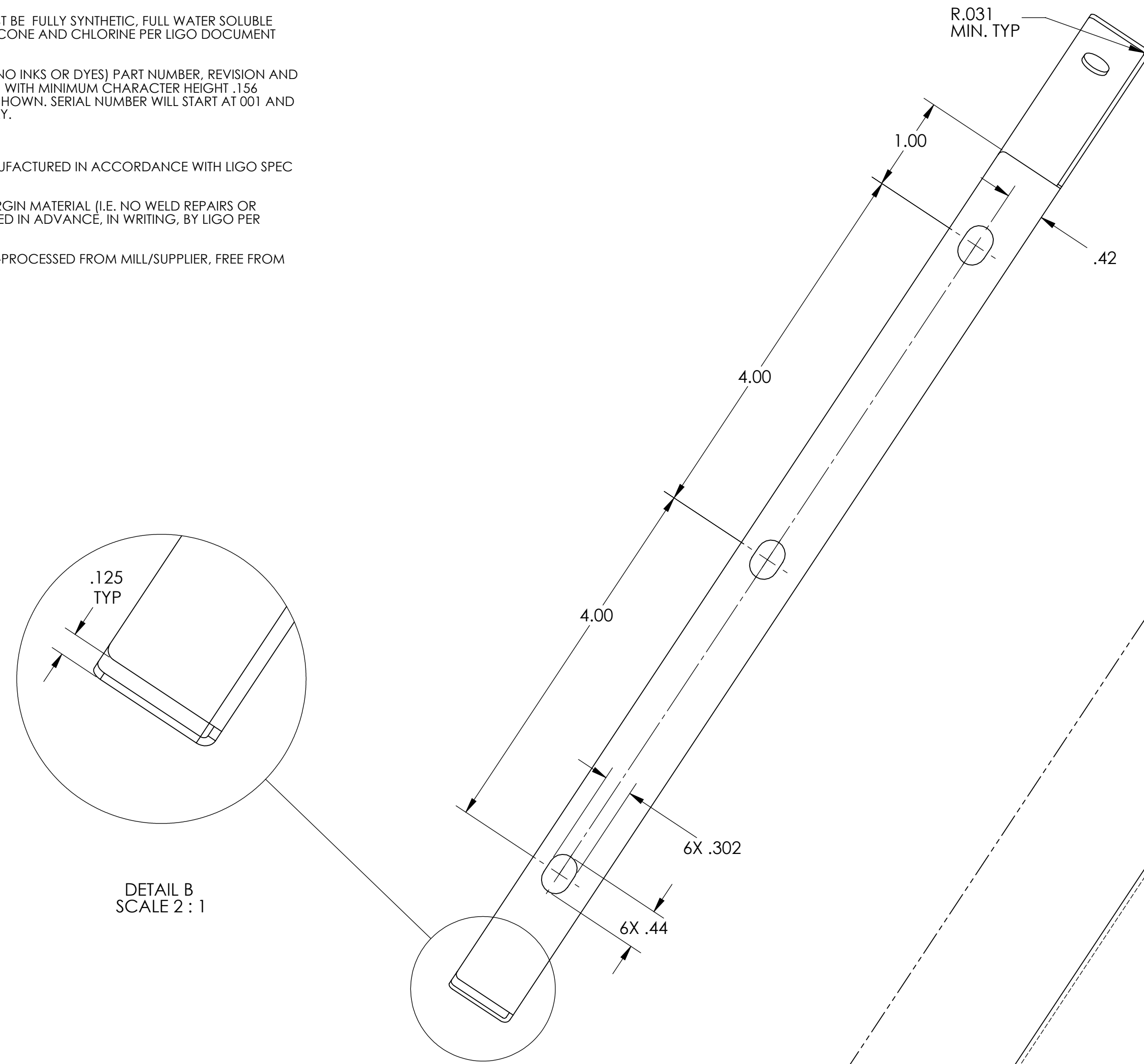


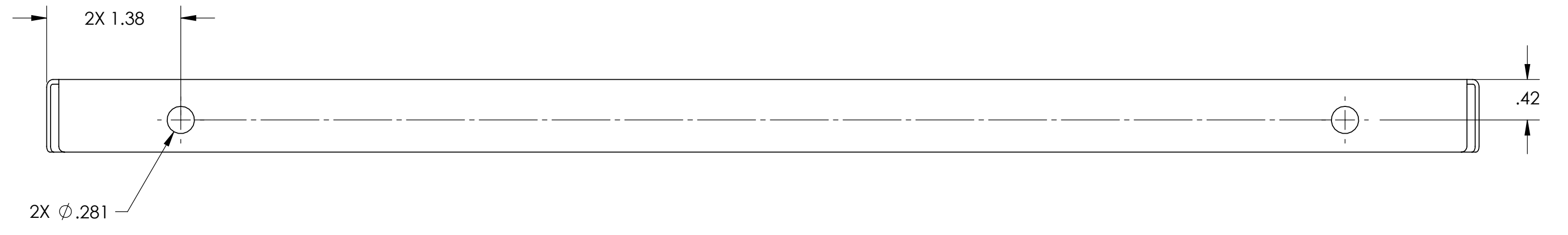
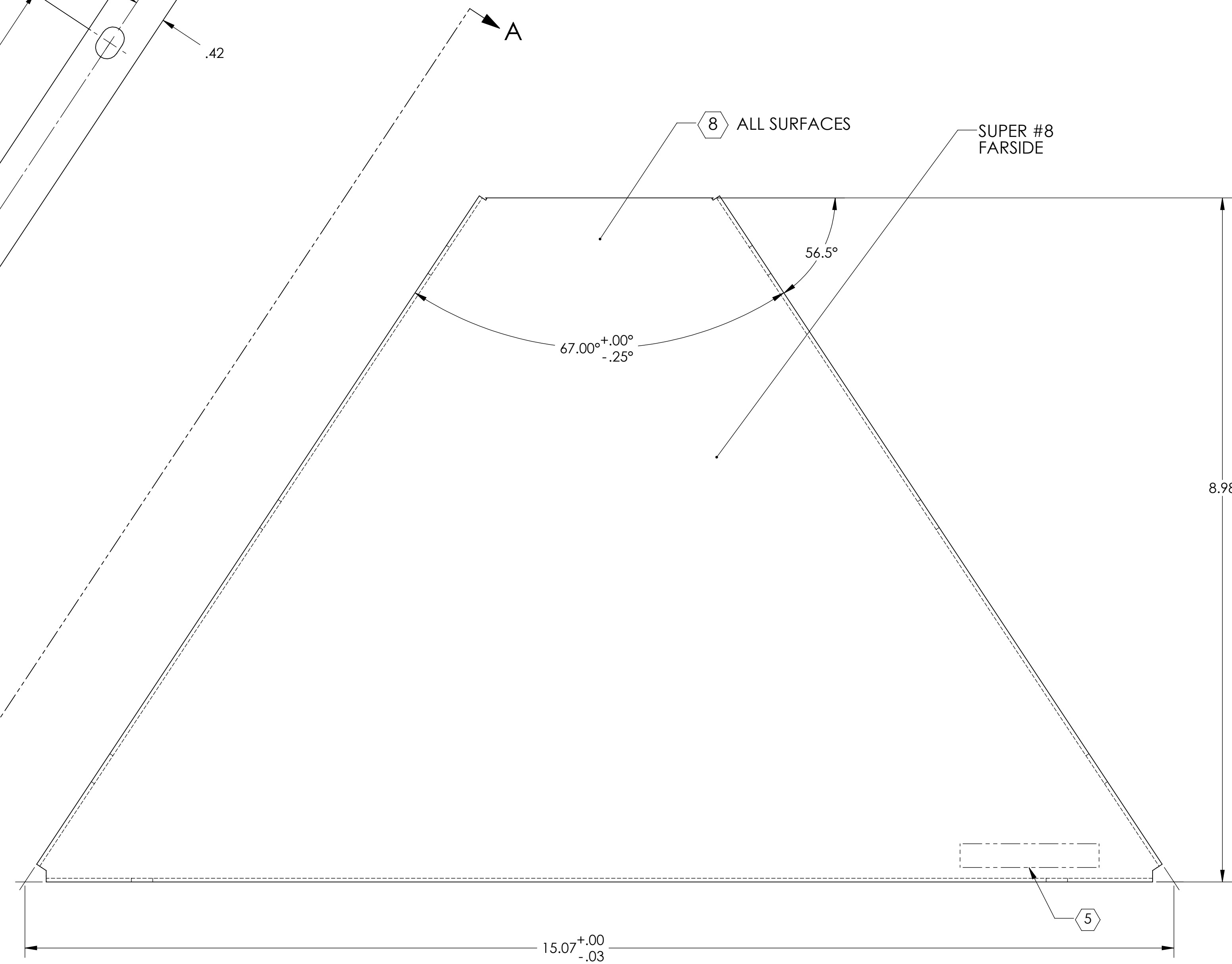
- NOTES: UNLESS OTHERWISE SPECIFIED**
1. INTERPRET DRAWING PER ASME Y14.5-1994.
  2. REMOVE ALL SHARP EDGES, .005-.015 ON ALL EDGES AND HOLES.
  3. DO NOT SCALE FROM DRAWING.
  4. ALL MACHINE FLUIDS MUST BE FULLY SYNTHETIC, FULL WATER SOLUBLE AND FREE OF SULFUR, SILICONE AND CHLORINE PER LIGO DOCUMENT E0900237.
  5. MECHANICALLY STAMP (NO INKS OR DYES) PART NUMBER, REVISION AND SERIAL NUMBER .020 DEEP WITH MINIMUM CHARACTER HEIGHT .156 APPROXIMATELY WHERE SHOWN. SERIAL NUMBER WILL START AT 001 AND PROCEED CONSECUTIVELY. EXAMPLE: D100XXX-V1  
S/N 001
  6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPEC E0900364.
  7. ALL MATERIAL IS TO BE VIRGIN 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.
  9. DELETED
  10. DELETED.
  11. DELETED.

| REV. | DATE        | DCN #    | DRAWING TREE # |
|------|-------------|----------|----------------|
| v1   | 16 JUN 2010 | E1000285 | -              |
| v2   | 08 APR 2011 | E1100216 | -              |
| v3   | 23 MAY 2011 | E1100335 | -              |
| v4   | 25 JUN 2011 | E1100335 | -              |
| v5   | 7 SEP 2011  | E1100335 | -              |



DETAIL B  
SCALE 2 : 1

**VIEW A-A**  
TYPICAL BOTH ENDS



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:  
.XX ± .03  
.XXX ± .015

ANGULAR ± 1.0°

|          |                   |        |            |
|----------|-------------------|--------|------------|
| MATERIAL | 18 GAUGE 304 SSSL | FINISH | 8 SUPER #8 |
|----------|-------------------|--------|------------|

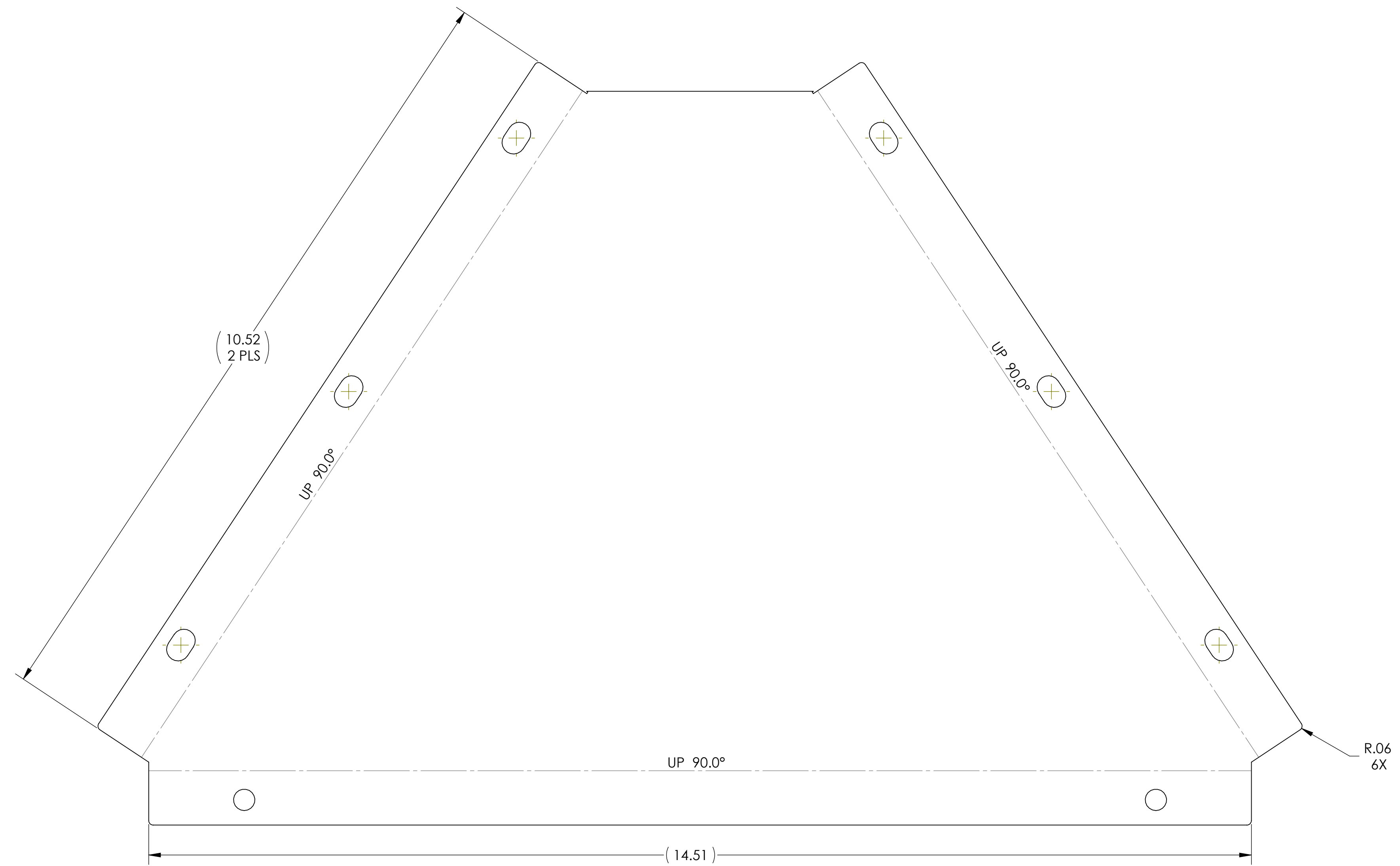
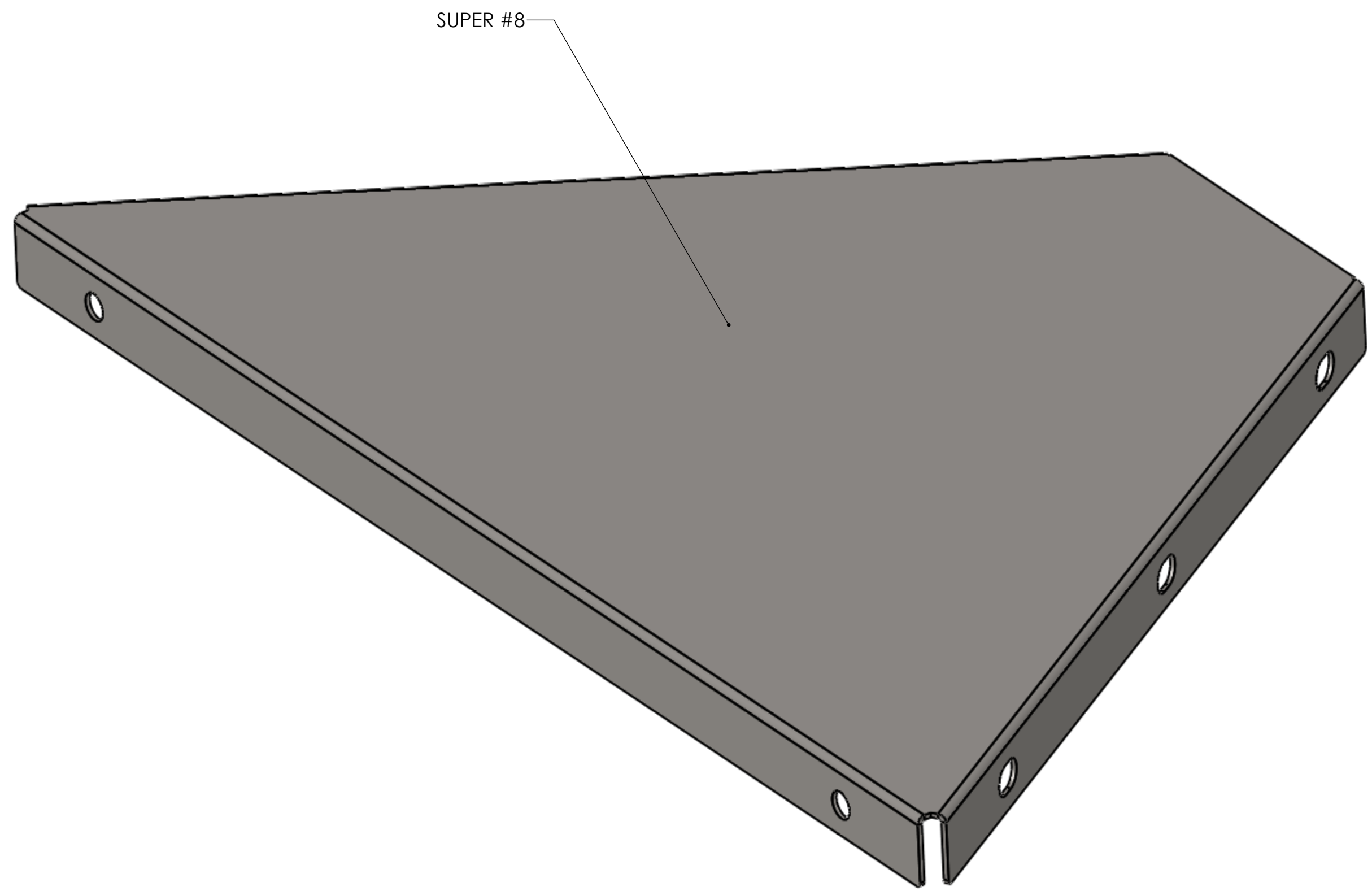
**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO      SUB-SYSTEM: AOS

NEXT ASSY: D1000977

**PART NAME**  
ARM BAFFLE MIDDLE REINFORCING PLATE

|          |            |             |            |             |              |
|----------|------------|-------------|------------|-------------|--------------|
| DESIGNER | N.Nguyen   | 01 Jun 2010 | SIZE       | DWG. NO.    | REV.         |
| DRAFTER  | TQ. NGUYEN | 15 JUN 2010 | D          | D1001365    | v5           |
| CHECKER  | M. SMITH   | 02 AUG 2010 | SCALE: 1:1 | PROJECTION: | SHEET 1 OF 2 |
| APPROVAL | D. COYNE   | 10 AUG 2010 |            |             |              |



|   |                 |              |
|---|-----------------|--------------|
|  <b>CALIFORNIA INSTITUTE OF TECHNOLOGY</b><br><b>MASSACHUSETTS INSTITUTE OF TECHNOLOGY</b> |                 | REV.         |
| SIZE  | DWG. NO.        | v5           |
| <b>D</b>  | <b>D1001365</b> |              |
| SCALE: 1:1  | PROJECTION:     | SHEET 2 OF 2 |

D1001365\_AduLIGO\_AOS\_ARM\_Cavity Baffle Middle Reinforcing Plate. PART PDM REV: X-223. DRAWING PDM REV: X-040