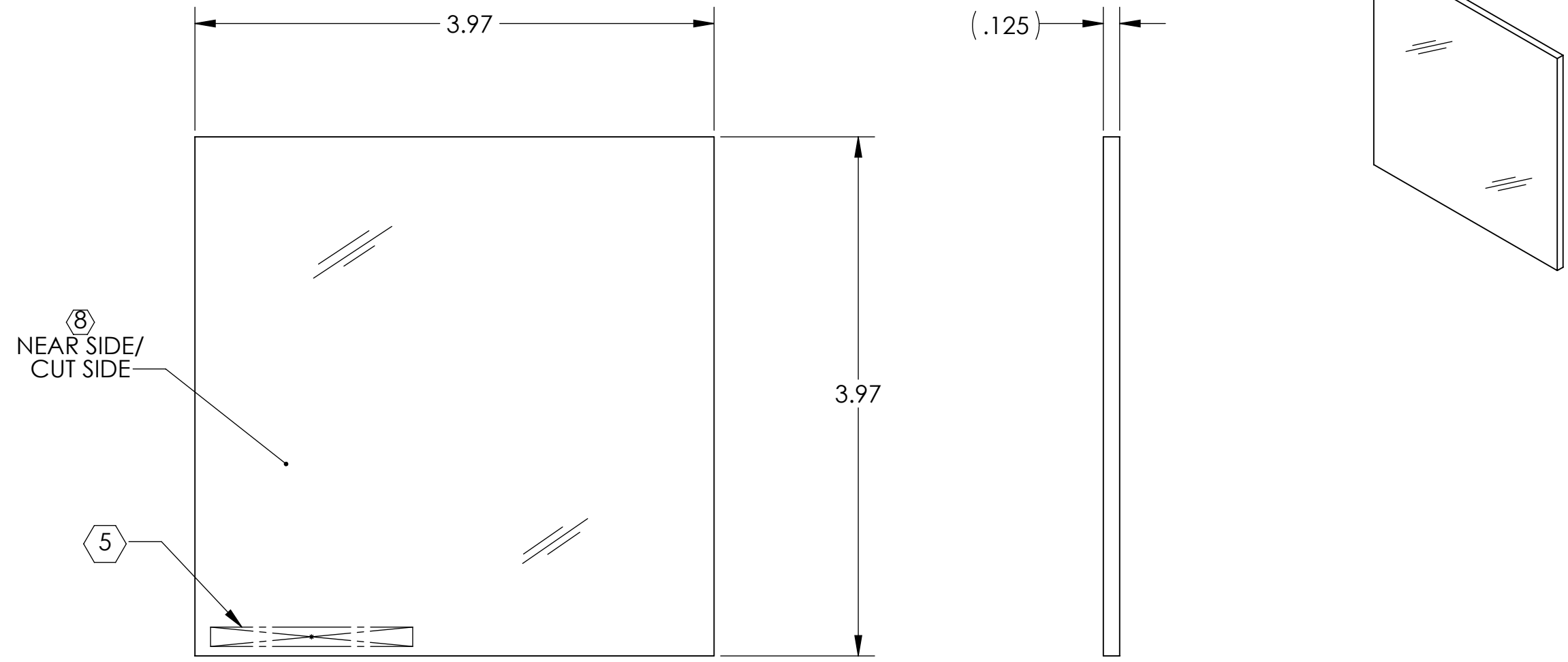


D1102233\_alIGO AOS HAM FLAT BEAM DUMP BLACK GLASS, PART PDM REV: X-013, DRAWING PDM REV: X-008

**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. APPROXIMATE WEIGHT = 0.175 LBS.
- 7. PART TO BE FREE OF SCRATCHES. NO ABRASION AT CUT EDGES.
- 8 AR COATING < . 3% REFLECTANCE @1064 NM WAVELENGTH @NORMAL INCIDENCE PER MIL-C-675A, ONE SIDE (CUT SIDE) AS SHOWN.
- 9 MAKE FROM .125" BLACK GLASS, SHADE #12.  
 VENDOR:  
 EMERALD VIEW GLASS, WESTLAKE, OHIO, 44145  
 DONALD O'SHEA 216-226-5100

| REV. | DATE        | DCN #    | DRAWING TREE # |
|------|-------------|----------|----------------|
| v1   | 17 NOV 2011 | E1101197 | -              |
| -    | -           | -        | -              |
| -    | -           | -        | -              |



| NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)  |         |
|---|---------|
| DIMENSIONS ARE IN INCHES  |         |
| TOLERANCES:<br>.XX ± .02<br>.XXX ± .005<br>ANGULAR ± 1.0°   |         |
| 1. INTERPRET DRAWING PER ASME Y14.5-1994.<br>2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY 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. |         |
| MATERIAL  | Glass 9 |
| FINISH  | N/A     |

|   |               |   |                 |
|---|---------------|---|-----------------|
| CALIFORNIA INSTITUTE OF TECHNOLOGY<br>MASSACHUSETTS INSTITUTE OF TECHNOLOGY |               | PART NAME <b>alIGO AOS HAM FLAT BEAM DUMP BLACK GLASS</b> |                 |
| SYSTEM  | ADVANCED LIGO | SUB-SYSTEM  | AOS             |
| DESIGNER  | J. TERRAZAS   | 17 NOV 2011   | SIZE DWG. NO.   |
| DRAFTER   | J. TERRAZAS   | 17 NOV 2011   | <b>B</b>        |
| CHECKER   | M. SMITH      |   | <b>D1102233</b> |
| APPROVAL  | M. SMITH      |   | REV. v1         |
| SCALE: 1:2  |               | PROJECTION:   |                 |
|   |               | SHEET 1 OF 1  |                 |