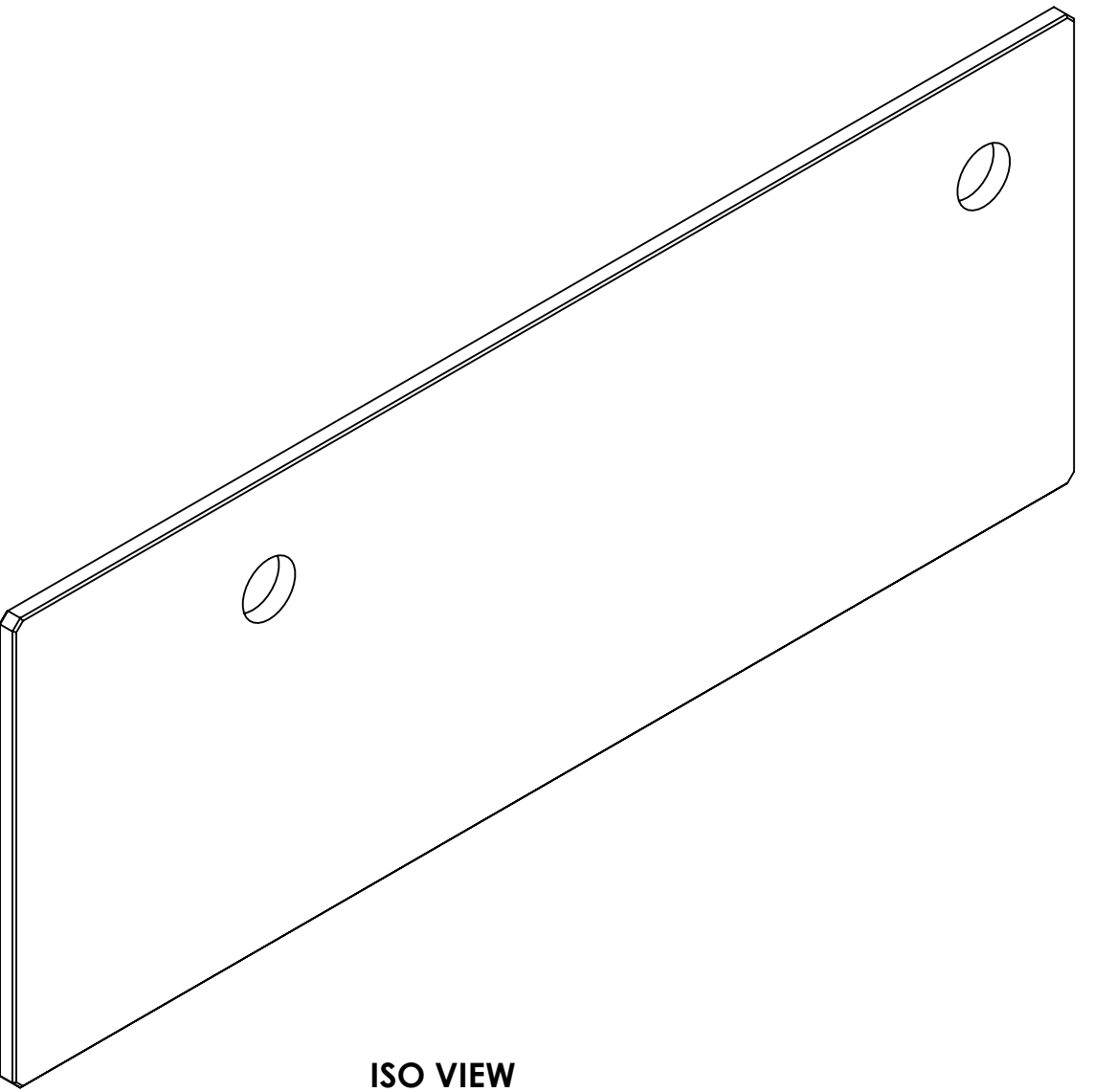
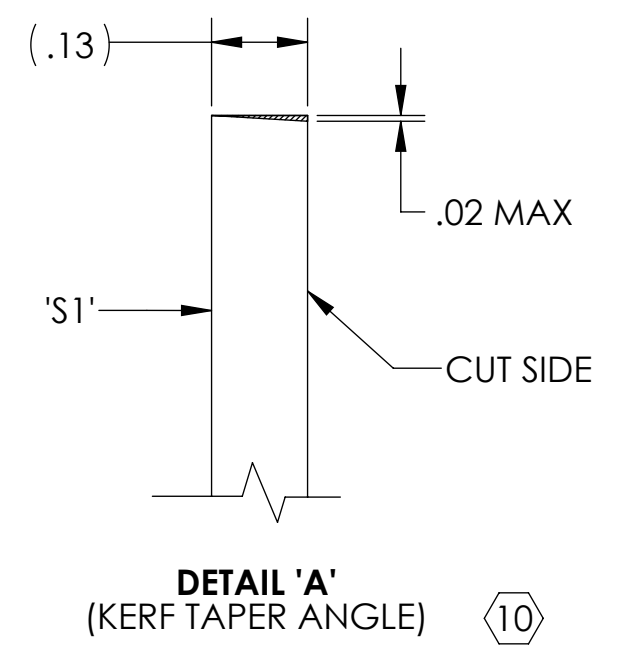
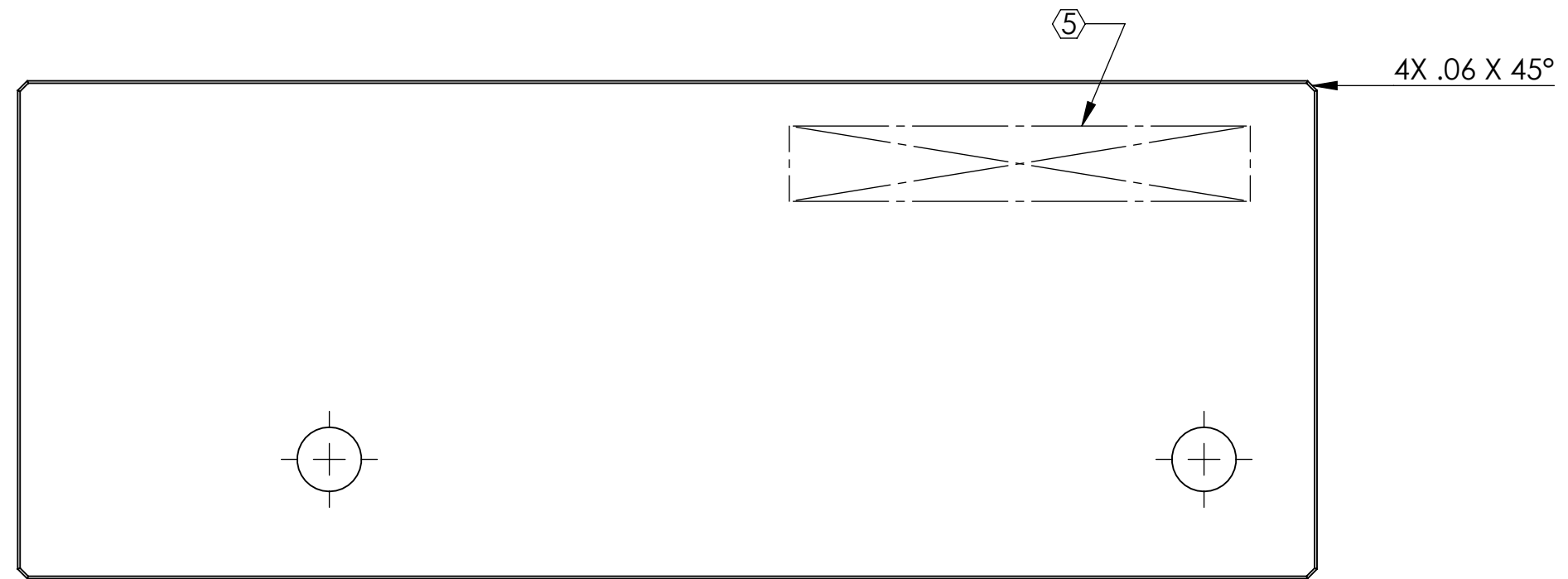
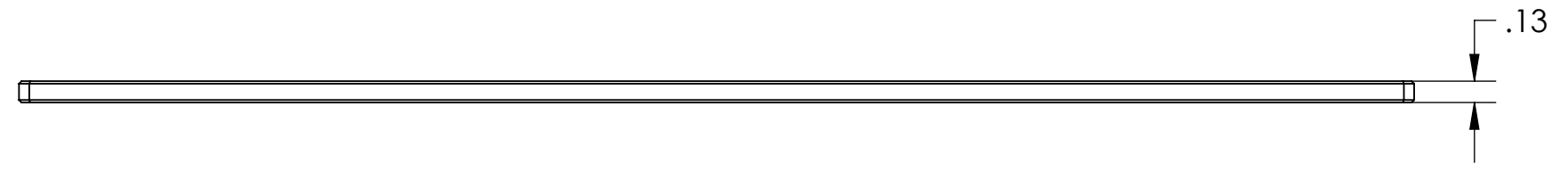
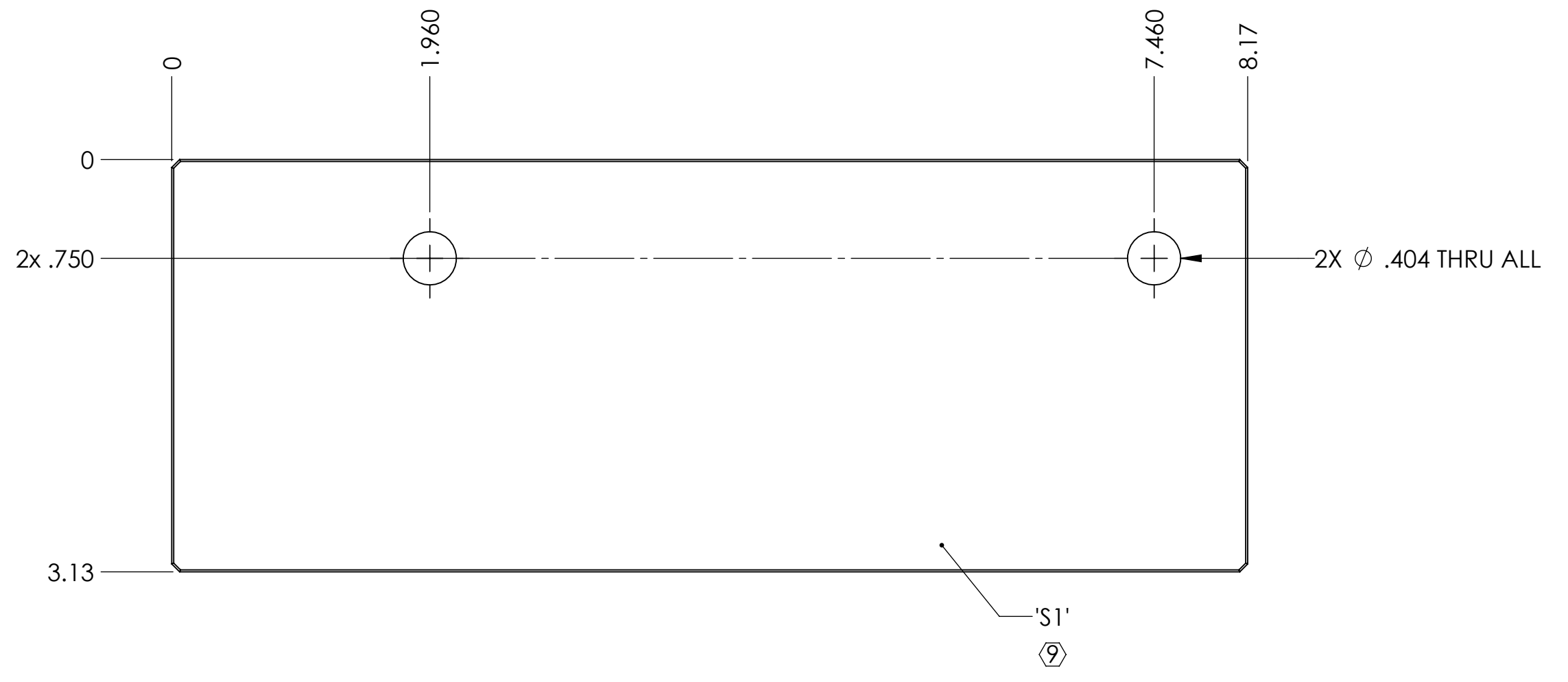


NOTES CONTINUED:
 5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR 'TYPE' IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 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. MATERIAL: SCHOTT ATHERMAL® 14 A1 DIN GS 0196 CE WITHOUT GOLD MIRROR COATING.
- 7. PART TO BE FREE OF SCRATCHES. NO ABRASION AT CUT EDGES.
- 8. 40/20 SCRATCH/DIG (GOAL) BUT CONSISTENT WITH COMMERCIAL-OFF-THE-SHELF WELDER'S GLASS MATERIAL.
- 9. COAT 1 SIDE 'S1' (AS SHOWN ON DRAWING)
- 10. R < 0.5% AT 1064 NM LASER WAVELENGTH.
- 11. A.O.I = 0 DEG. (NORMAL INCIDENCE BEAM)
- 10. CUT AWAY FROM SIDE 1 AS PER DETAIL 'A'
- 11. CLEAR APERTURE 0.25" FROM EDGE ON ALL SIDES OF EACH PIECE OF GLASS (i.e. HOLDING AREA ON GLASS FOR COATING)



ISO VIEW



| REV. | DATE | DCN # | DRAWING TREE # |
|------|-------------|-------------|----------------|
| v1 | 06 FEB 2015 | E1500047-x0 | - |
| - | - | - | - |
| - | - | - | - |

| | | | | | |
|--------------------------|--|---|--|----------------|--|
| DIMENSIONS ARE IN INCHES | | TOLERANCES: .XX ± .01 .XXX ± .005 | | ANGULAR ± 1.0° | |
| MATERIAL | | FINISH | | NEXT ASSY | |
| SEE NOTE 6 | | N/A μinch | | D0900295 | |

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO SUB-SYSTEM: AOS

| | | | | | |
|---|-----------|-------------|------------|-------------|--------------|
| PART NAME: aLIGO, OMC, Stray light baffle, HORZ PANEL (TRANS AIR) | | | | | |
| DESIGNER | E.SANCHEZ | 26 JAN 2015 | SIZE | DWG. NO. | REV. |
| DRAFTER | E.SANCHEZ | 06 FEB 2015 | D | D1500051 | v1 |
| CHECKER | SEE DCC | SEE DCC | SCALE: NTS | PROJECTION: | SHEET 1 OF 1 |
| APPROVAL | SEE DCC | SEE DCC | | | |

D1500051: aLIGO, OMC, Stray light baffle, HORZ PANEL (TRANS AIR), PART EDW, REV. 1, DRAWING FROM REV.