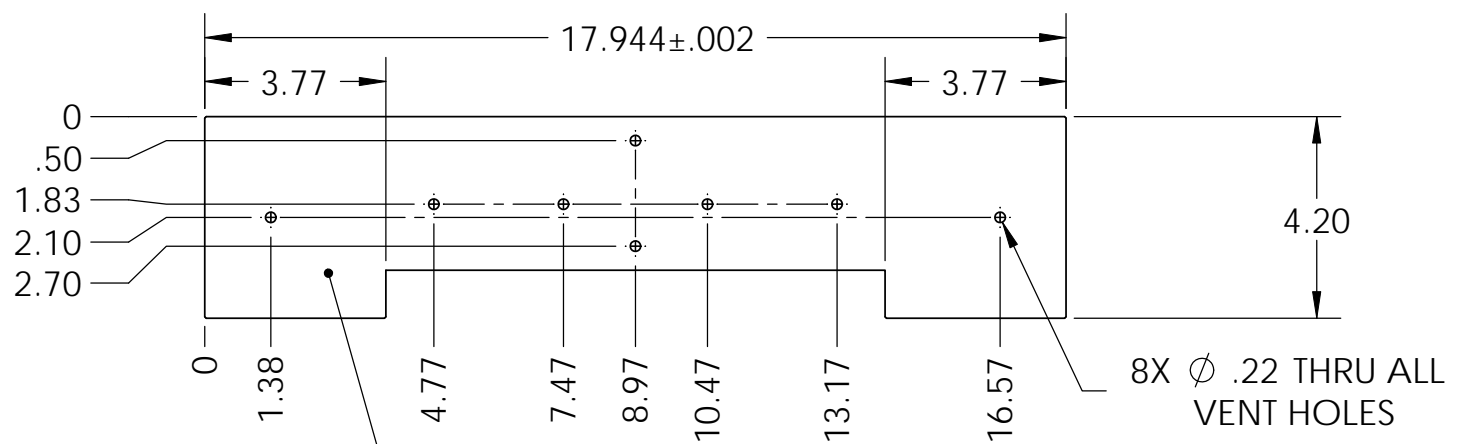
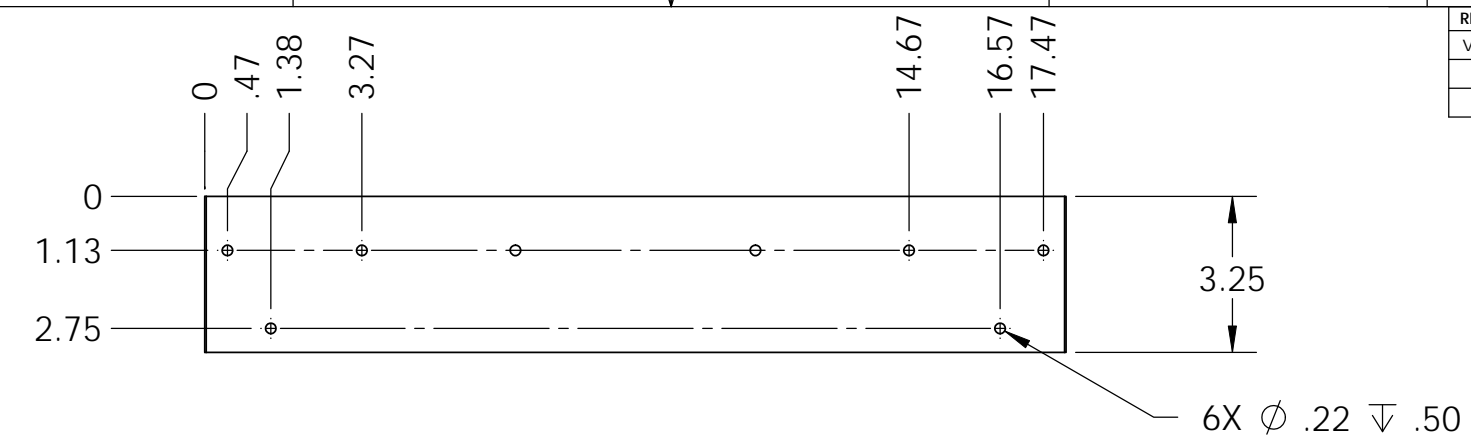


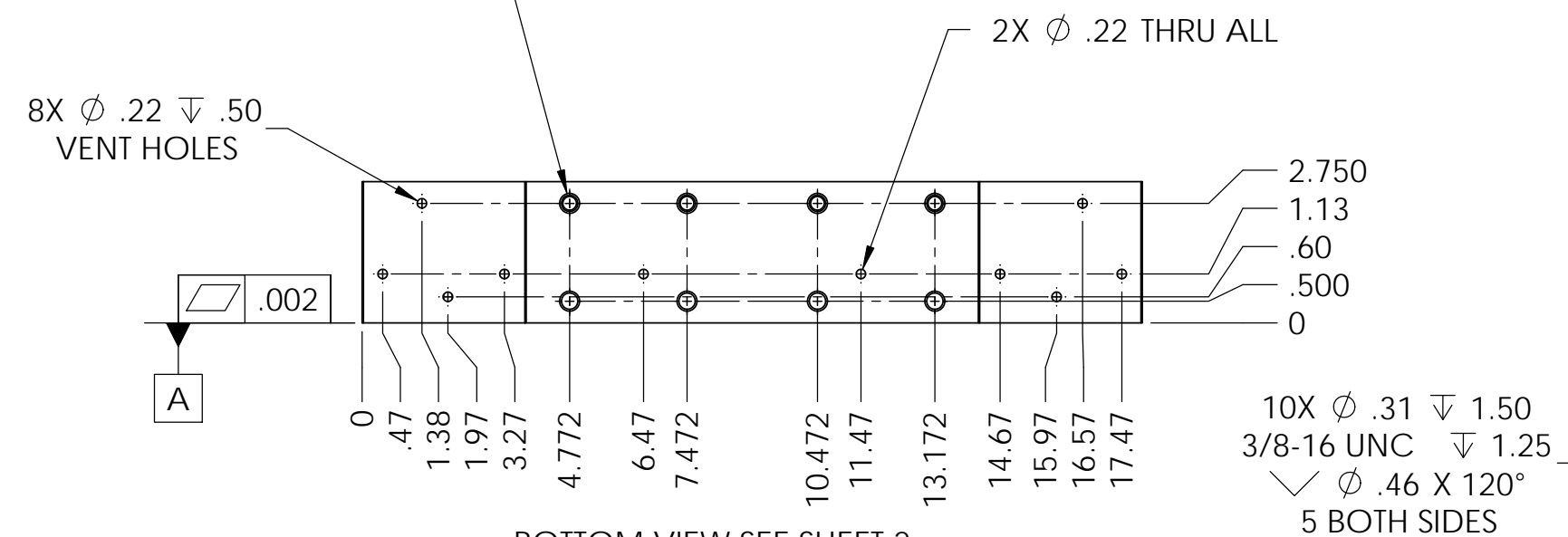
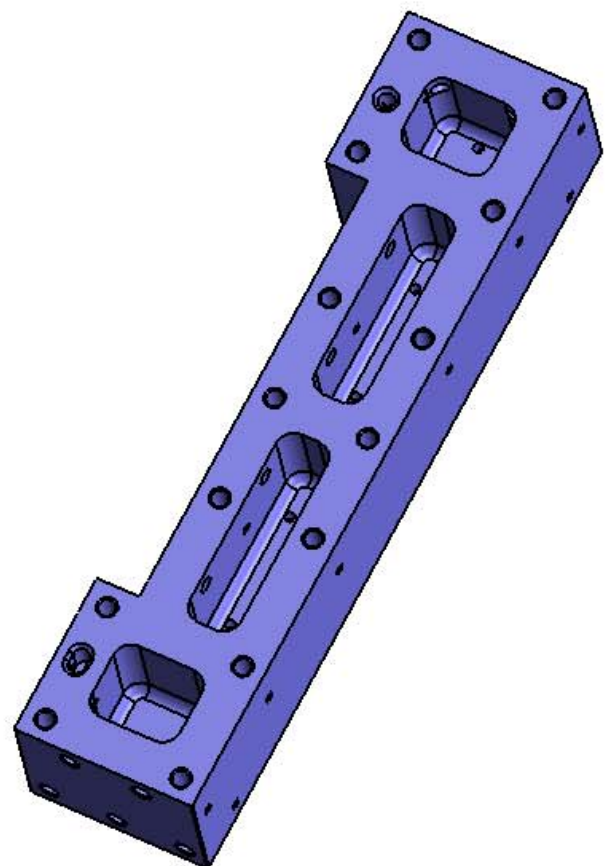
D0902272 Blocks Links, Stage 1, BSC-ISI, PART PDM REV: X-021, DRAWING PDM REV: X-010

| REV. | DATE | DCN # | DRAWING TREE # |
|------|--------------|----------|----------------|
| v1 | 12 Mar. 2010 | E0900495 | E1000025 |
| | | | |
| | | | |

- NOTES CONTINUED:**
5. SCRIBE, ENGRAVE, 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. A VIBRATORY TOOL MAY BE USED. EXAMPLE DXXXXXX-VV, TYPE-XX, S/N XXX.
 6. APPROXIMATE WEIGHT = 16.15 LB.
 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
 9. A TAPPED HOLE PITCH DIAMETER LIMIT OF H11 APPLIES TO ALL TAPPED HOLES.
 10. A TRUE POSITION TOLERANCE OF $\phi .010$ IS - THE SAME AS A CONVENTIONAL TOLERANCE OF $\pm .005$.



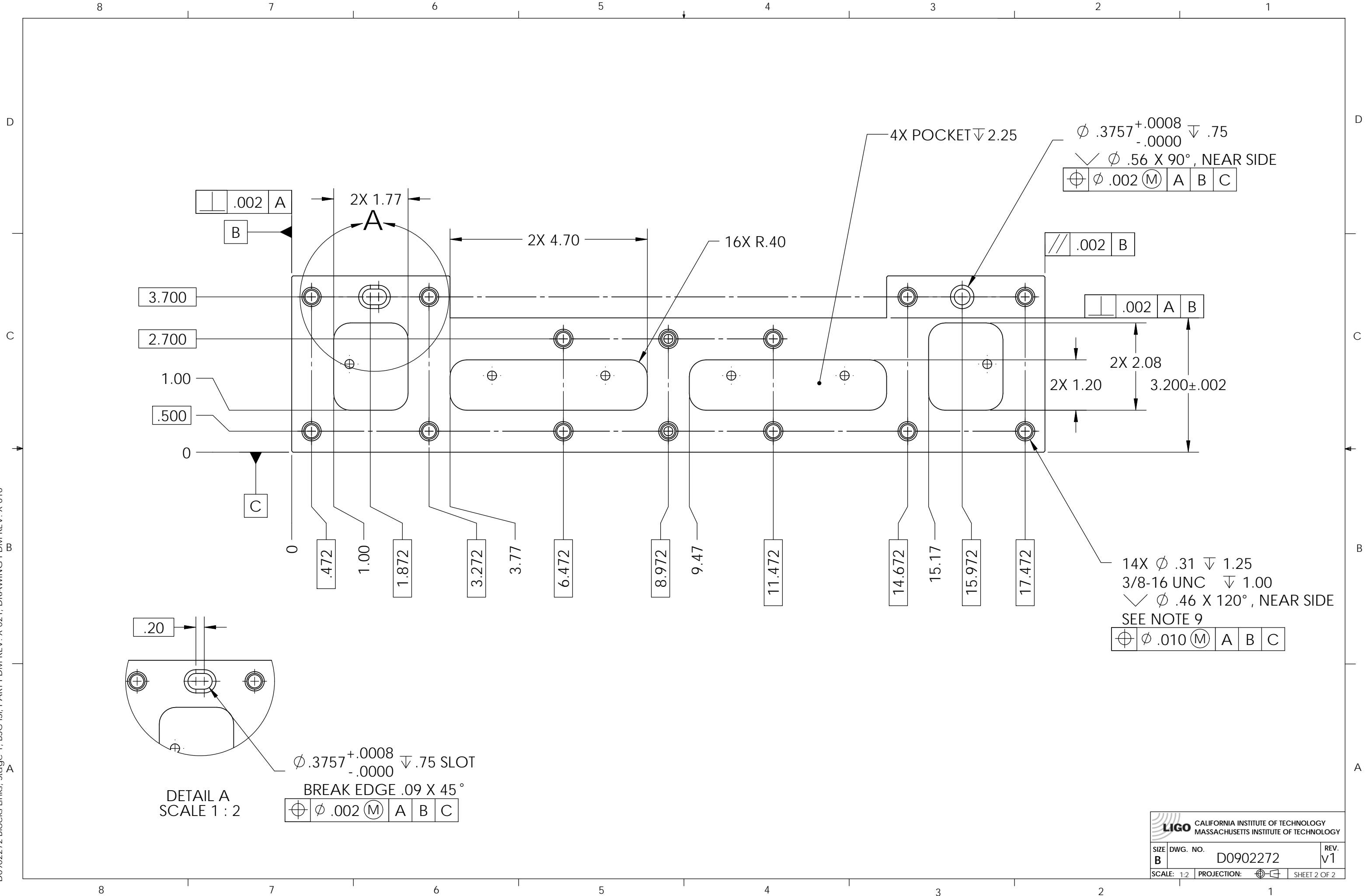
8X $\phi .31 \nabla 1.50$
 3/8-16 UNC $\nabla 1.25$
 $\surd \phi .46 \times 120^\circ$, NEAR SIDE



BOTTOM VIEW SEE SHEET 2
 SHEETS HAVE DIFFERENT SCALE

| NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) | | | | LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | PART NAME | | | | |
|--|--|--|--|---|--|-------------------------------------|-------------|--------------|------------|-------------|
| DIMENSIONS ARE IN INCHES | | | | ADVANCED LIGO | | BLOCKS LINK, STAGE 1, aLIGO BSC ISI | | | | |
| TOLERANCES: .XX ± .015 .XXX ± .005 | | | | SUB-SYSTEM SEI | | DESIGNER | F.MATICHARD | 15 Jan. 2010 | SIZE | DWG. NO. |
| ANGULAR ± 0.5° | | | | MATERIAL 6061-T6 Al | | DRAFTER | M.HILLARD | 15 Jan. 2010 | B | D0902272 |
| | | | | FINISH 63 μ inch | | CHECKER | A.STEIN | 15 Jan. 2010 | REV. | v1 |
| | | | | NEXT ASSY D0901180 | | APPROVAL | K.MASON | 15 Jan. 2010 | SCALE: 1:4 | PROJECTION: |
| | | | | | | SHEET 1 OF 2 | | | | |

D0902272 Blocks Links, Stage 1, BSC-ISI, PART PDM REV: X-021, DRAWING PDM REV: X-010



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| | | |
|------------|-------------|--------------|
| SIZE | DWG. NO. | REV. |
| B | D0902272 | V1 |
| SCALE: 1:2 | PROJECTION: | SHEET 2 OF 2 |