

D1100327_AdlIGO_AOS_SLC_ACB Left Side Panel, PART PDM REV: X-009, DRAWING PDM REV: X-015

- NOTES CONTINUED:**
- 5. MECHANICALLY STAMP (NO INKS OR DYES) PART NUMBER, REVISION AND SERIAL NUMBER .20 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 SPECIFICATION E0900364.
 - 7. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.
 - 8. SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
 - 9. PART WILL BE COMPLETELY PORCELAIN COATED PER LIGO SPECIFICATION E1000083 AFTER FABRICATION.
 - 10. DIMENSIONS APPLY BEFORE PORCELAIN COATING UNLESS SPECIFIED.
 - 11. COUNTERSUNK HOLES TO BE CLEANED OF FRIT PRIOR TO BAKING.

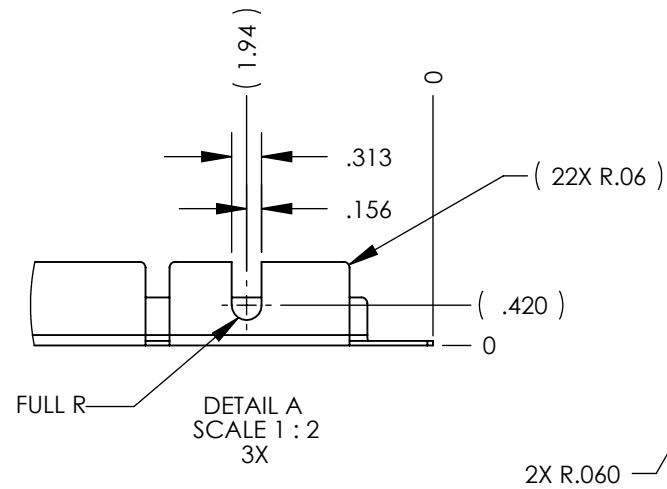
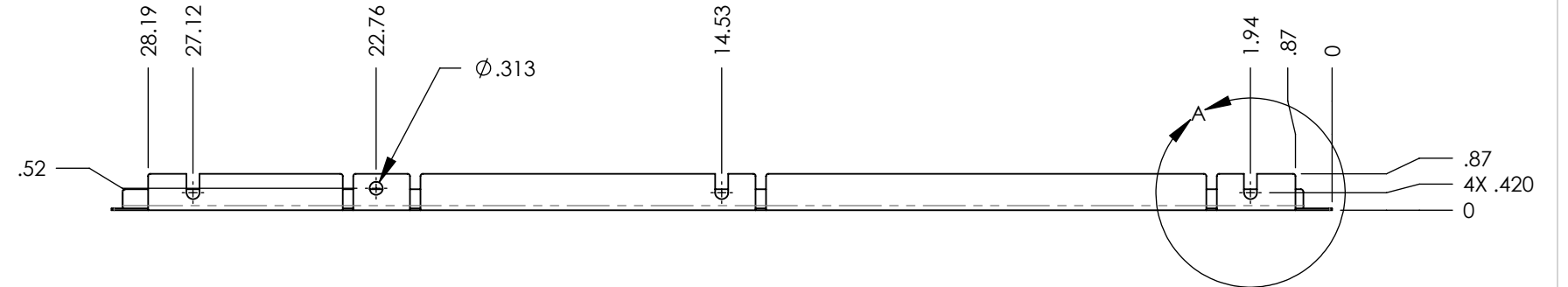
| REV. | DATE | DCN # | DRAWING TREE # |
|------|-------------|----------|----------------|
| v1 | 04 MAR 2011 | - | - |
| v2 | 07 APR 2011 | E1100216 | - |
| v3 | 25 JUN 2011 | E1100335 | - |

D

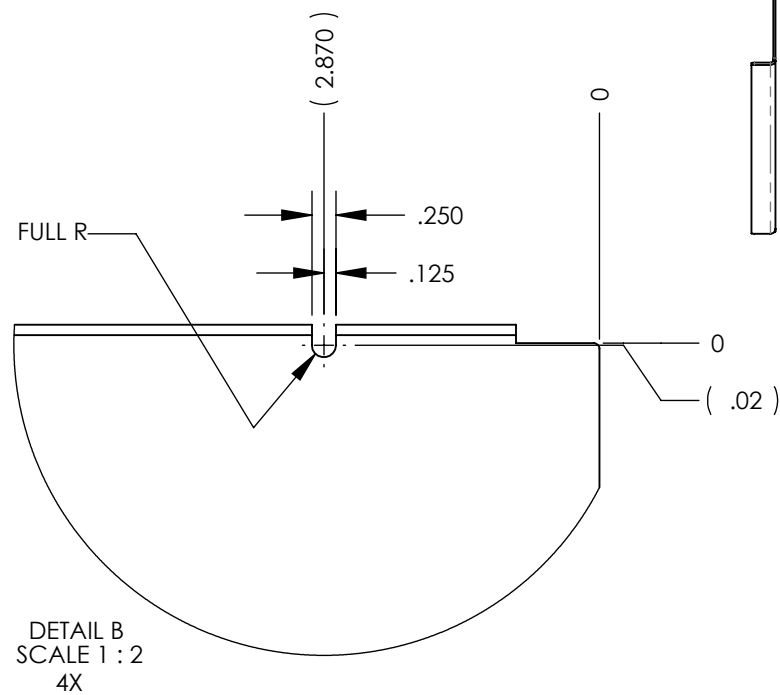
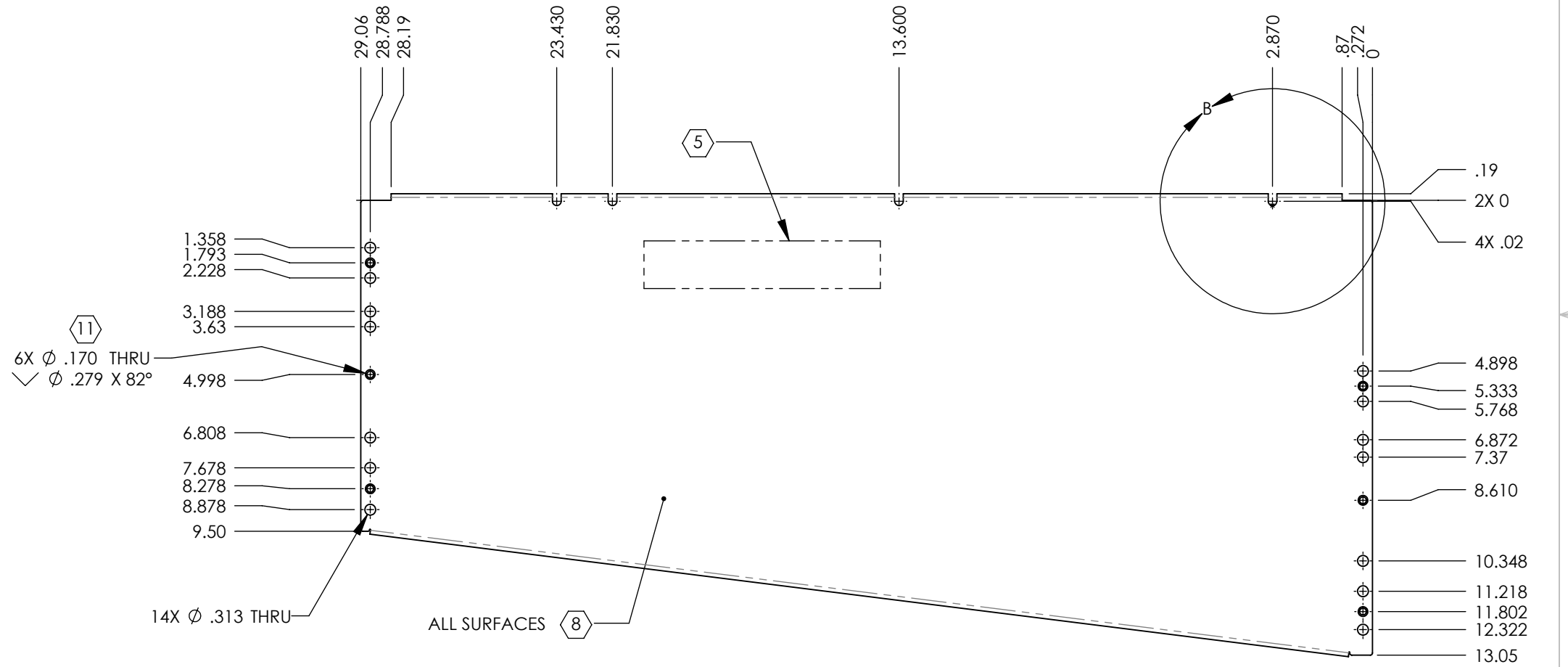
C

B

A



2X R.060



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES
 TOLERANCES:
 .XX ± .03
 .XXX ± .015
 ANGULAR ± 1.0°

1. INTERPRET DRAWING PER ASME Y14.5-1994.
 2. REMOVE ALL SHARP EDGES. FULL RADIUS ON ALL EDGES AND HOLES.
 3. DO NOT SCALE FROM DRAWING.
 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: **ADVANCED LIGO** SUB-SYSTEM: **AOS**

MATERIAL: **18 GA ENAMEL STEEL A424** FINISH: **8 9**

NEXT ASSY: **D1100391**

PART NAME: **ACB LEFT SIDE PANEL**

DESIGNER: N.Nguyen, 24 Feb 2011
 DRAFTER: N.KILPATRICK, 03 MAR 2011
 CHECKER:
 APPROVAL:

SIZE: **B** DWG. NO.: **D1100327** REV.: **v3**

SCALE: 1:4 PROJECTION: **1 2 3 4** SHEET 1 OF 2

8

7

6

5

4

3

2

1

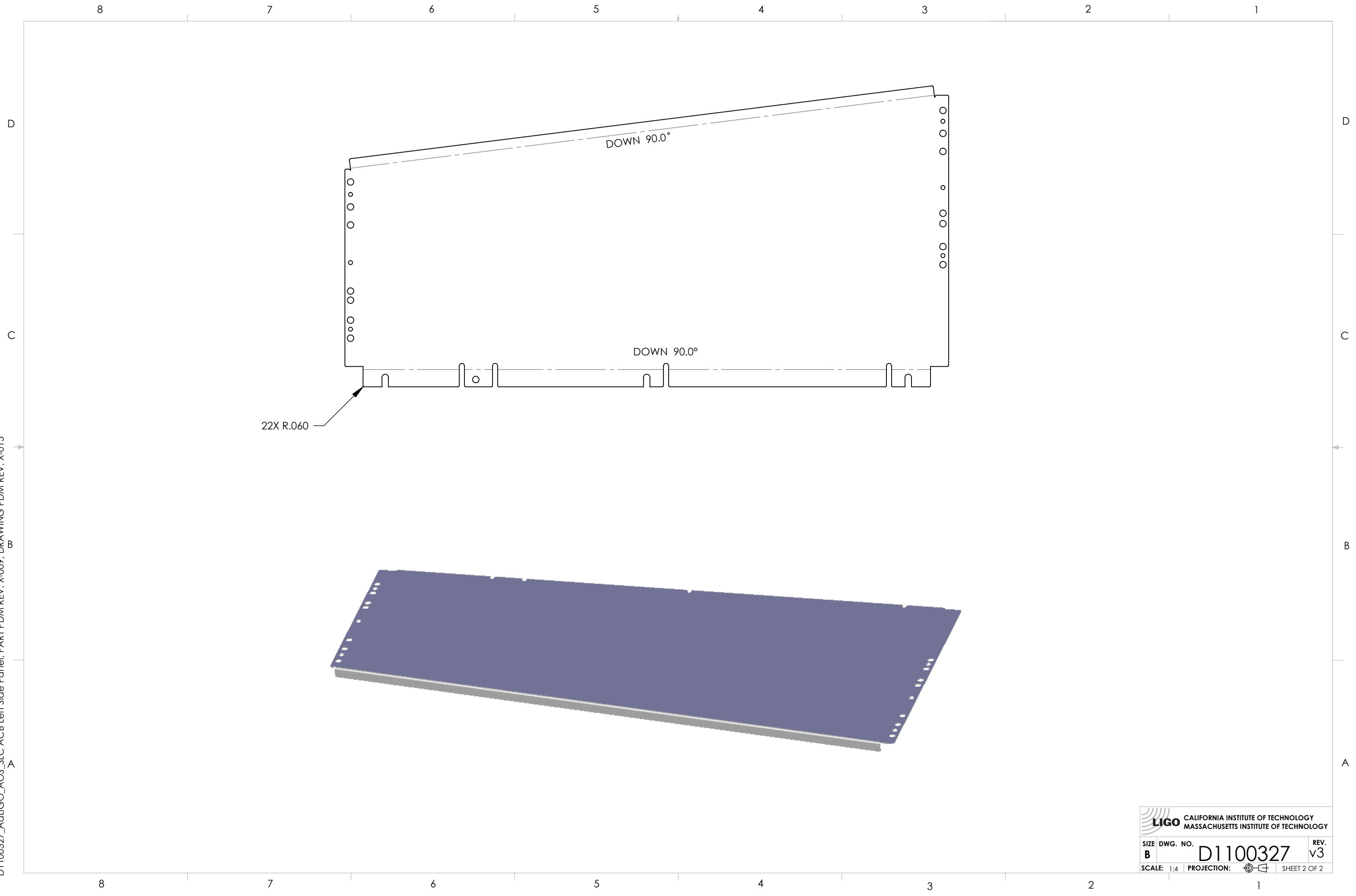
D


C

B

A

D1100327_AcLIGO_AOS_SLC_ACB Left Side Panel, PART PDM REV: X-009, DRAWING PDM REV: X-015



| | | |
|---|-----------------|--------------|
|  CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | |
| SIZE | DWG. NO. | REV. |
| B | D1100327 | v3 |
| SCALE: 1:4 | PROJECTION: | SHEET 2 OF 2 |