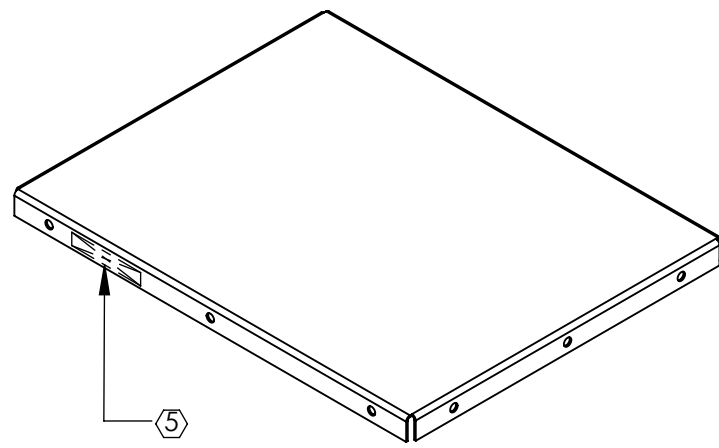
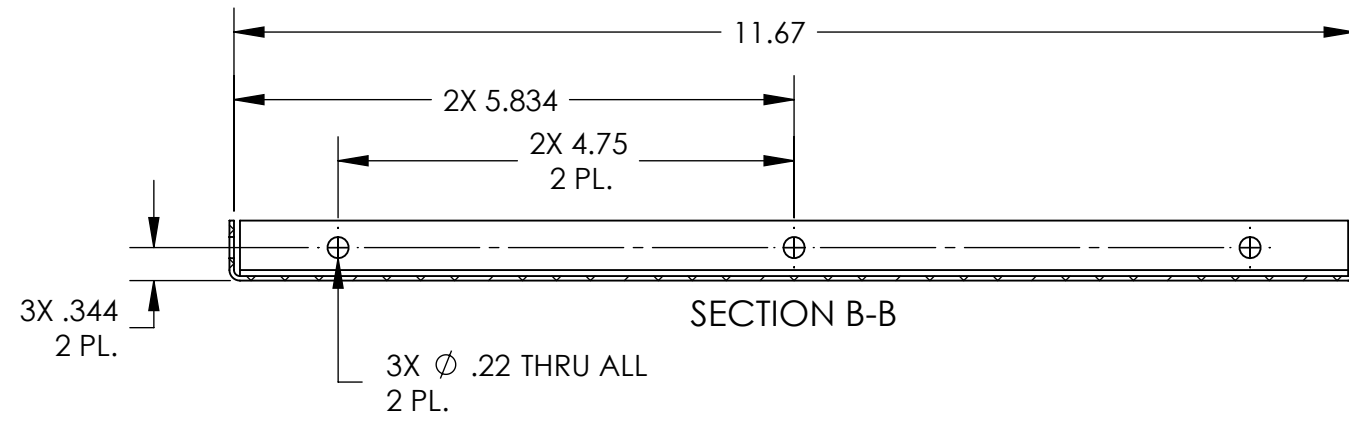


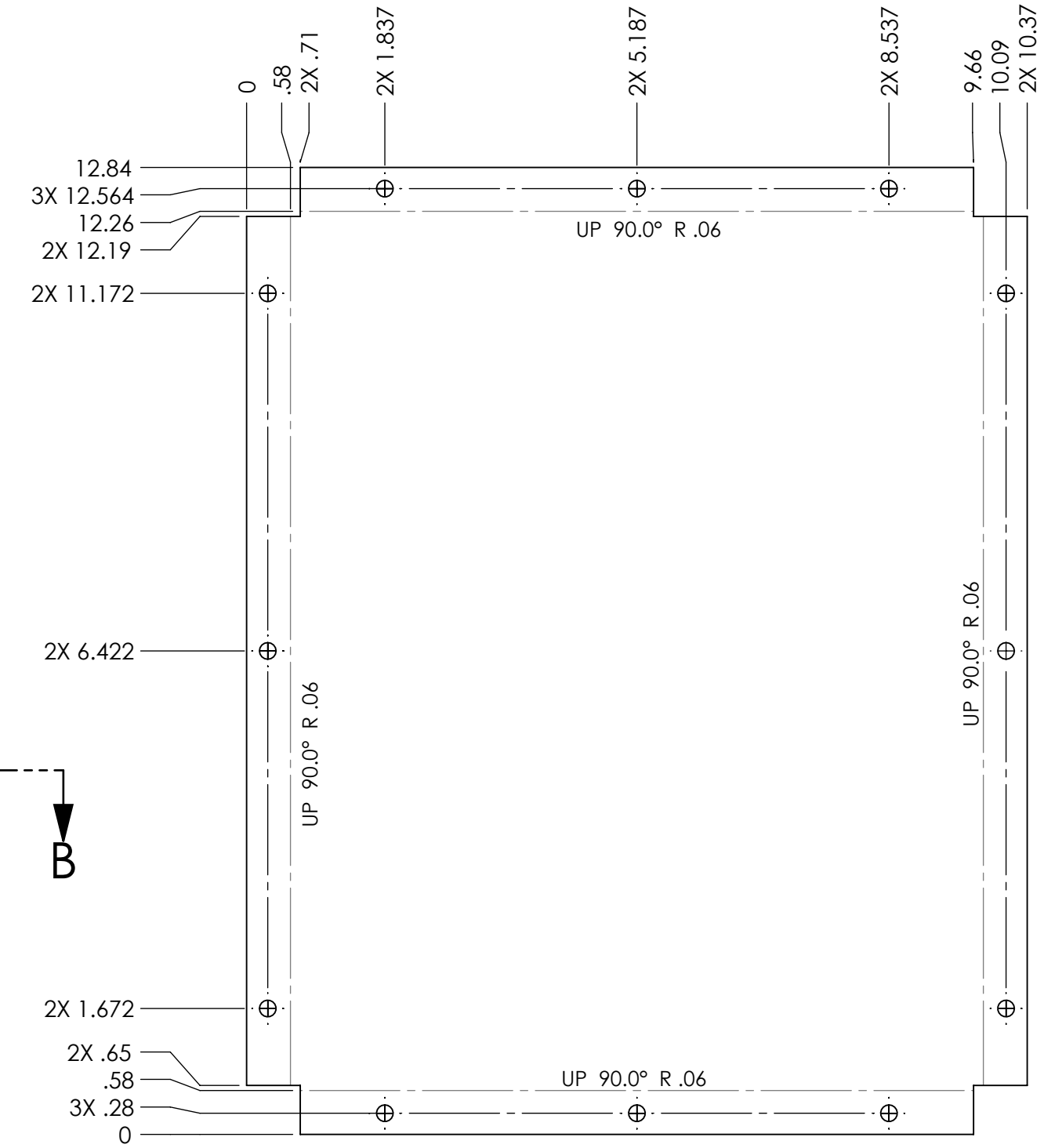
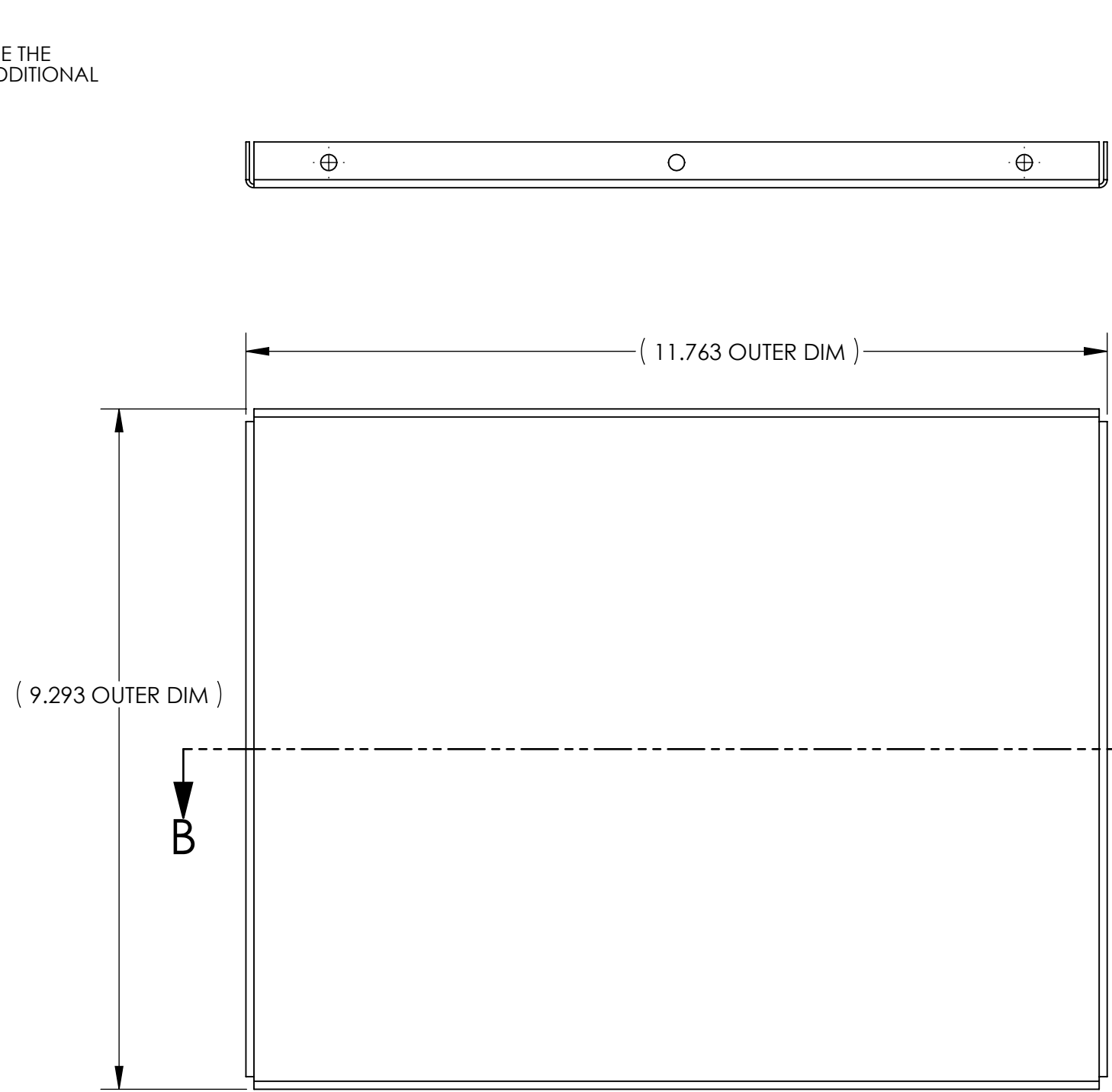
NOTES CONTINUED:

- 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 = .64 LB.
- 7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 8. 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.
- 9. SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
- 10. BEND RADIUS: UNLESS OTHERWISE NOTED, THE BEND RADIUS SHOULD BE THE MINIMUM REQUIRED TO FORM WITHOUT CRACKING OR REQUIRING ADDITIONAL WORK WHEN FORMING.

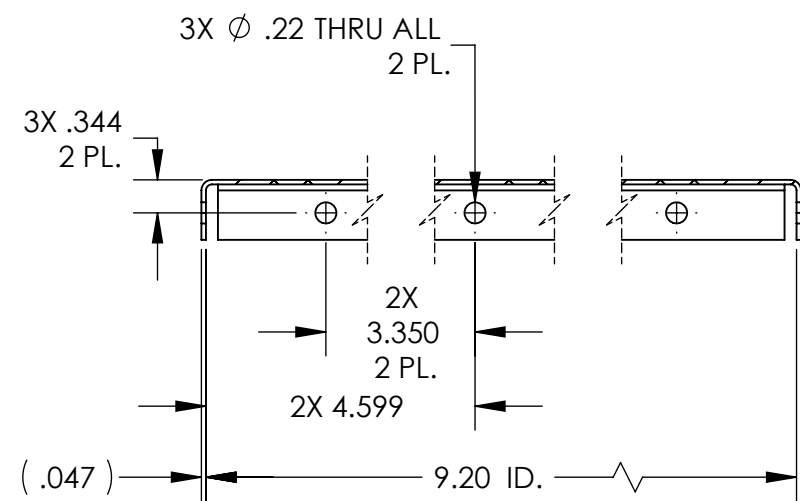
REV.	DATE	DCN #	DRAWING TREE #
v1	17 MAY 2011	E1100426-x0	-
v2	13 MAR 2012	E1200268-x0	-
-	-	-	-



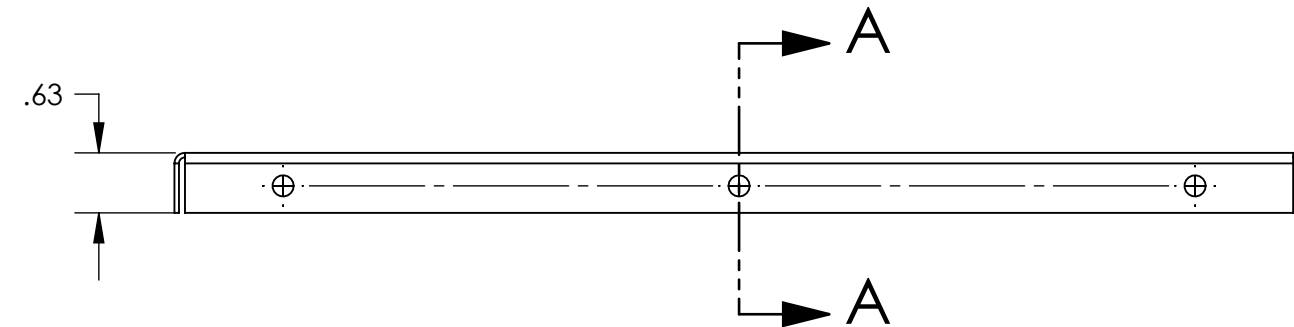
BASIC ISO VIEW



BASIC FLAT STATE  
(ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY)



SECTION A-A



BASIC DETAIL  
SEE SHEET 2 FOR BASIC ISO VIEW

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:  
.XX ± .01  
.XXX ± .005

ANGULAR ± 1.0°

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES, .005-.015. FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS.
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

MATERIAL: 304 SSSL 18 GA. FINISH: 125 μinch

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

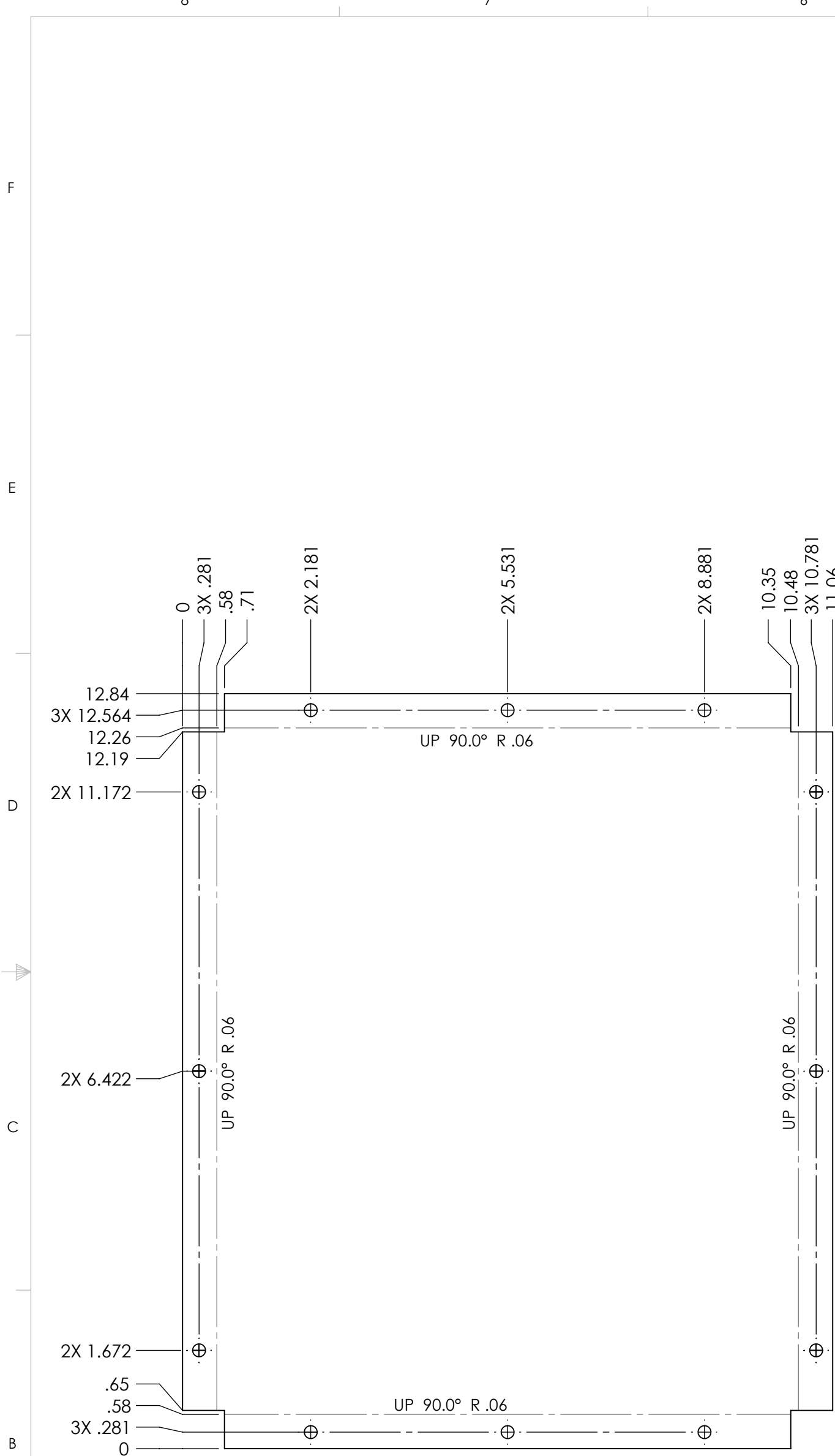
SYSTEM: ADVANCED LIGO SUB-SYSTEM: OPLEV

NEXT ASSY: D1100207 D1100207-1 D1100207-2 D1100209

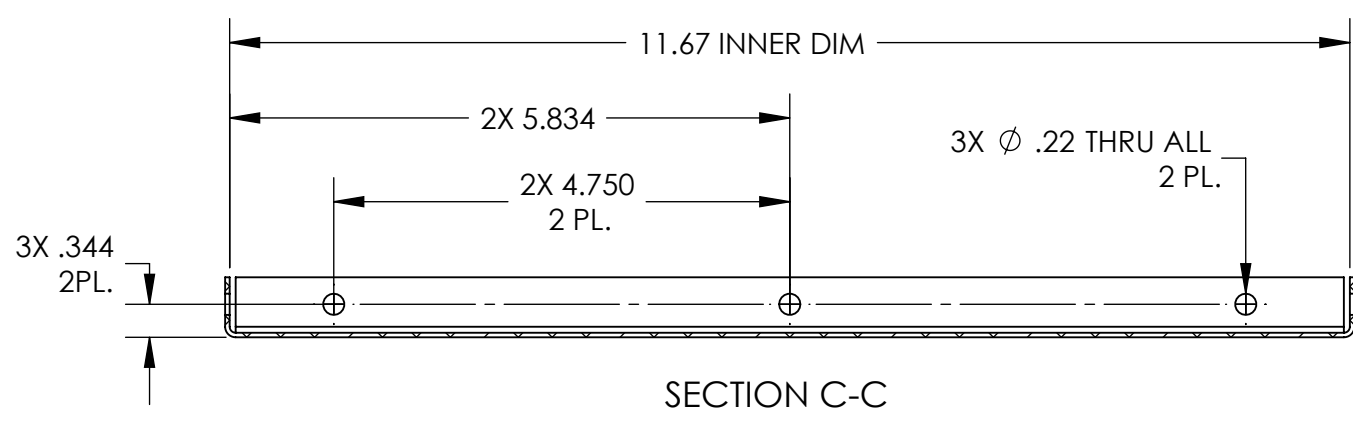
PART NAME: ALIGO, AOS, OPLEV, PYLON ENCLOSURE ASSY., TOP COVER (XMTR/MCVR/RCVR)

DESIGNER	E.SANCHEZ	15 MAY 2011	SIZE	DWG. NO.	REV.
DRAFTER	E.SANCHEZ	17 MAY 2011	c	D1100270	v2
CHECKER	SEE DCC	SEE DCC			
APPROVAL	SEE DCC	SEE DCC			

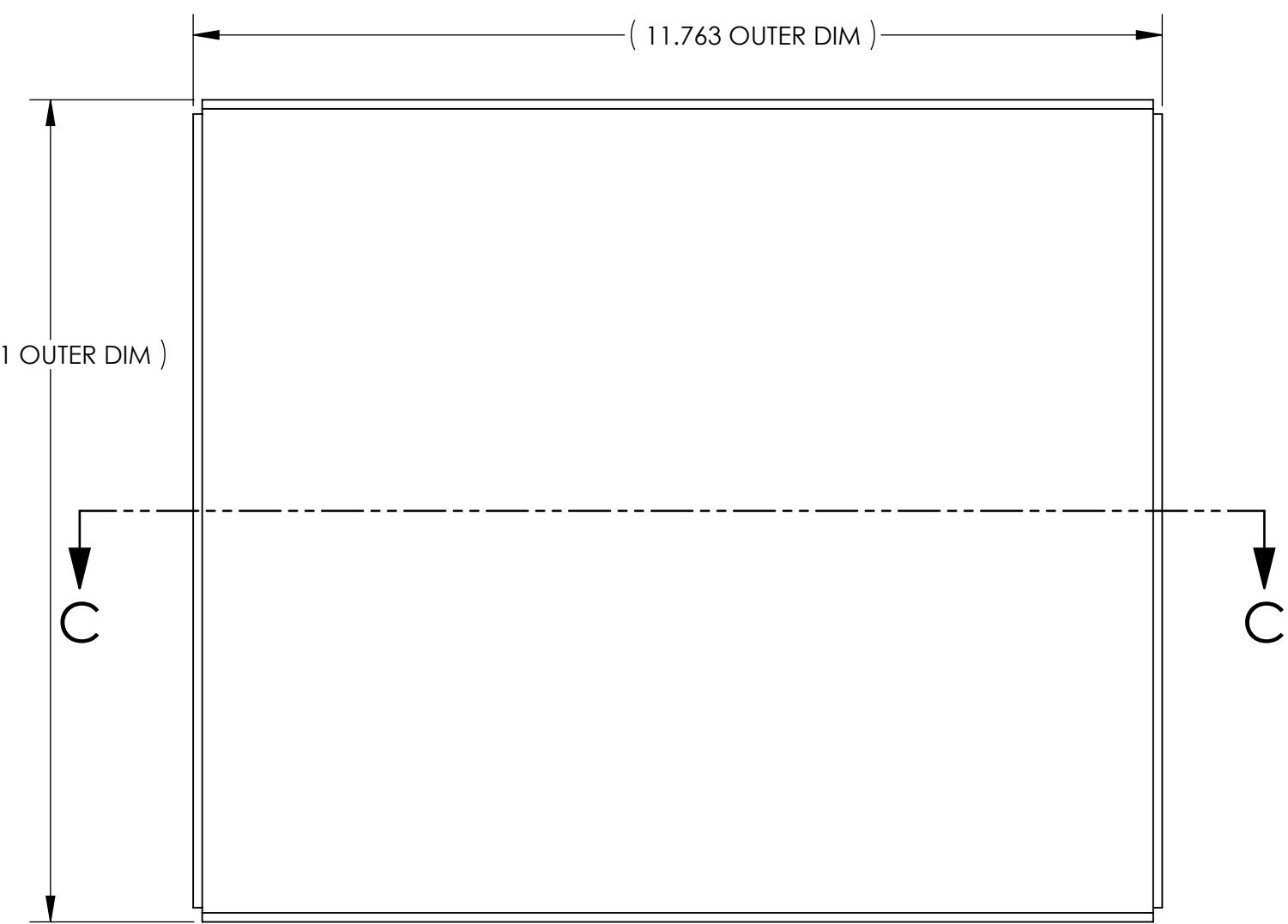
SCALE: 1:2 PROJECTION: SHEET 1 OF 3



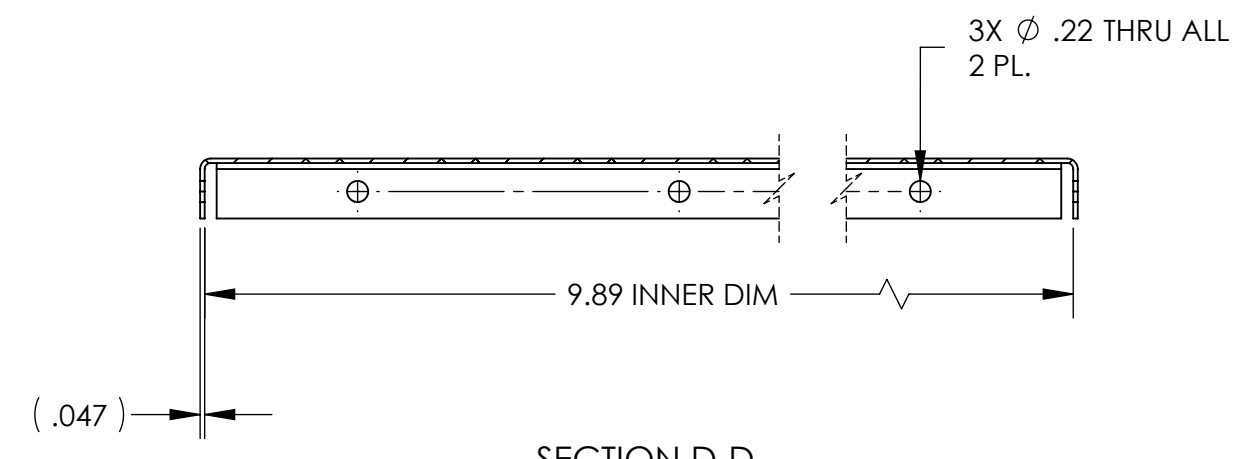
-1 FLAT STATE  
 (ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY)



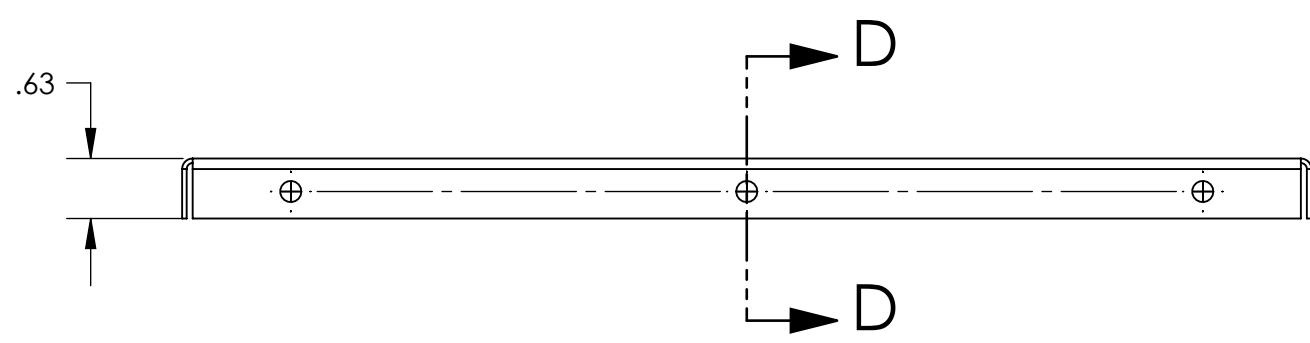
SECTION C-C



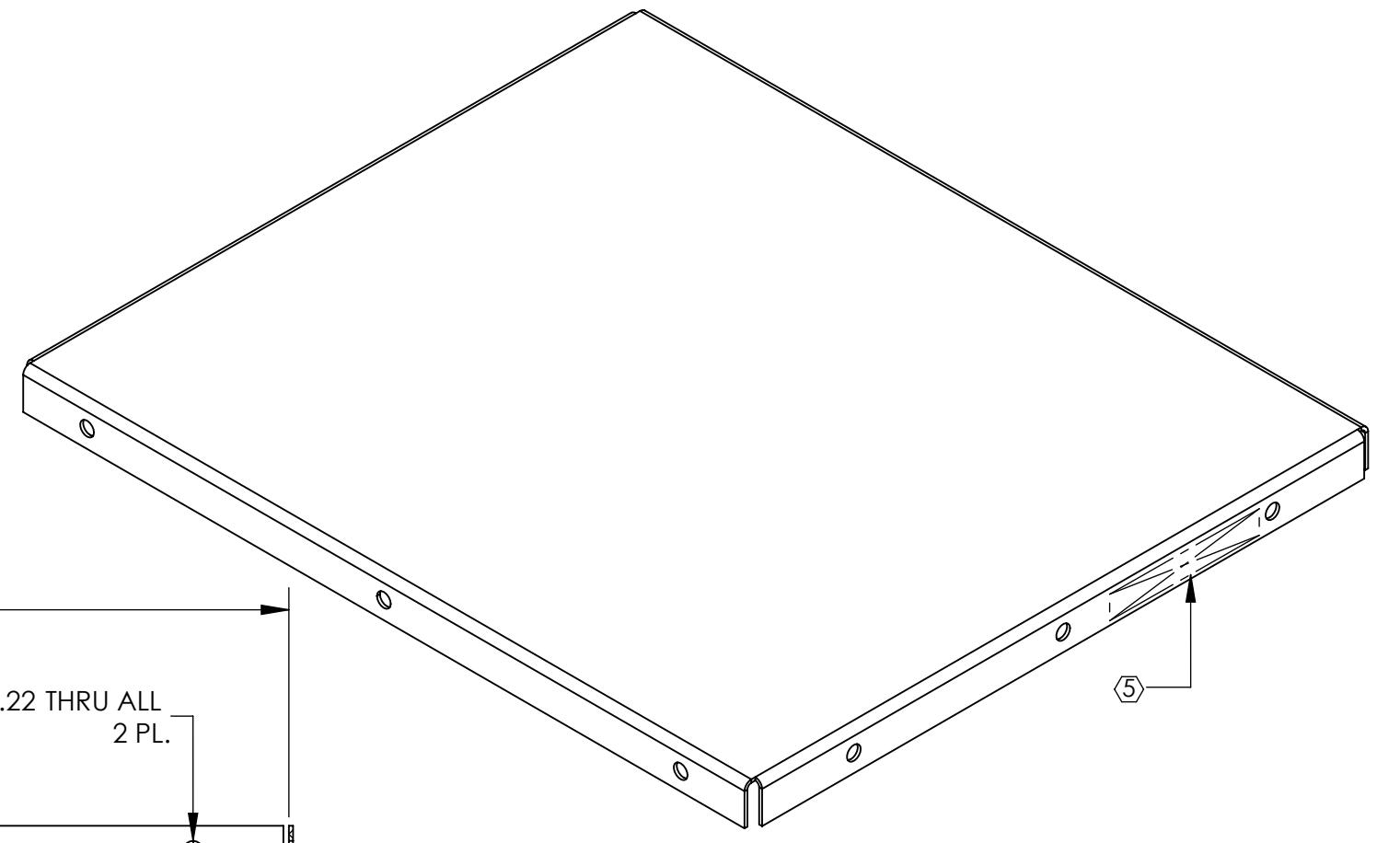
( 9.981 OUTER DIM )



SECTION D-D

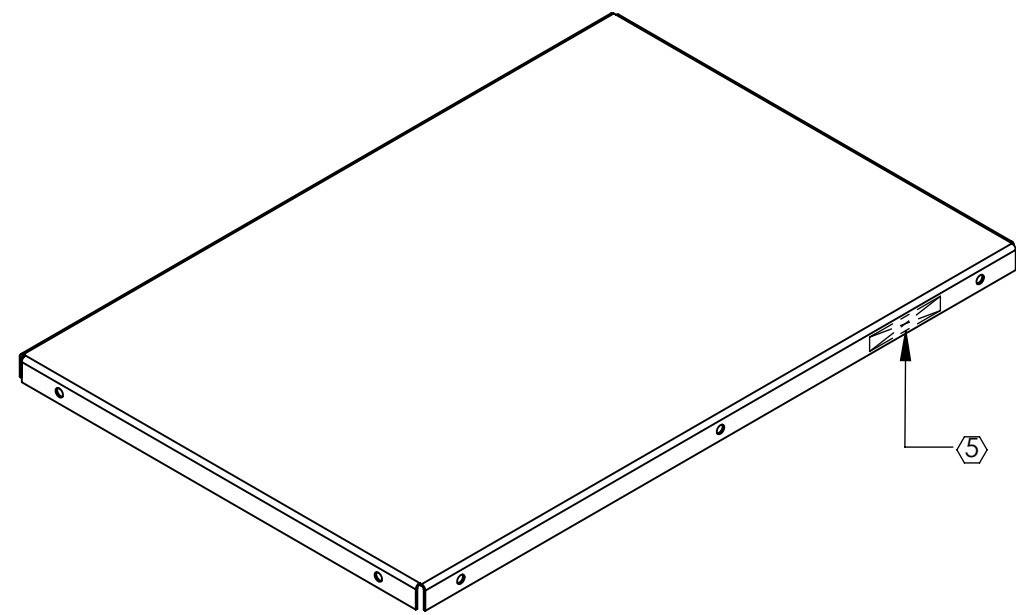


-1 DETAIL

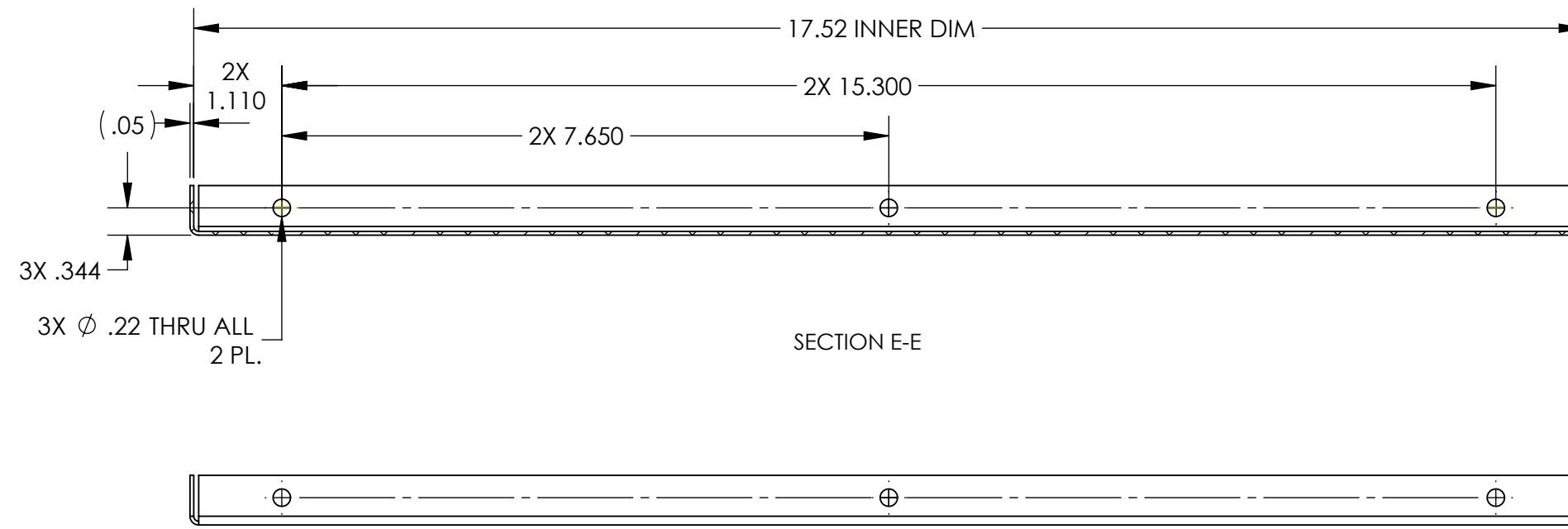


-1 ISO VIEW

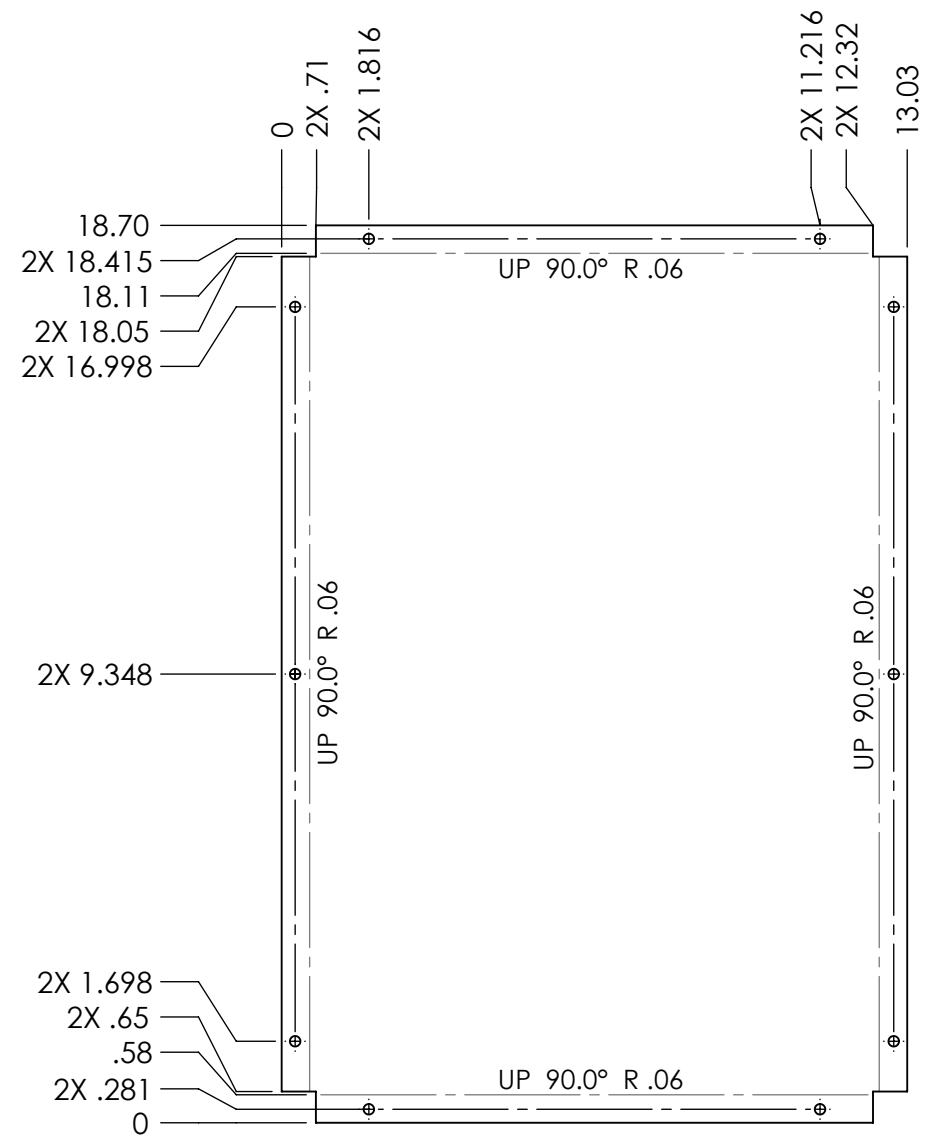
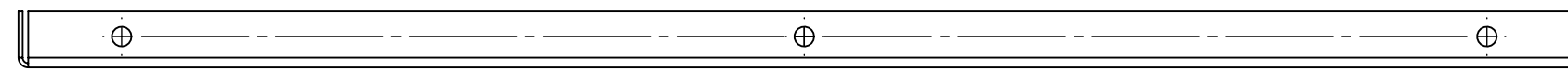
<b>LIGO</b> CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		SIZE <b>C</b>	DWG. NO. <b>D1100270</b>	REV. <b>v2</b>
SCALE: 1:2	PROJECTION:	SHEET 2 OF 3		



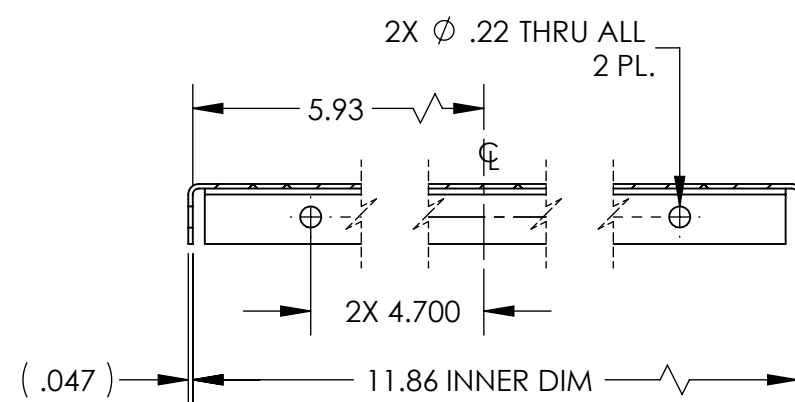
ISO VIEW  
SCALE 1:4



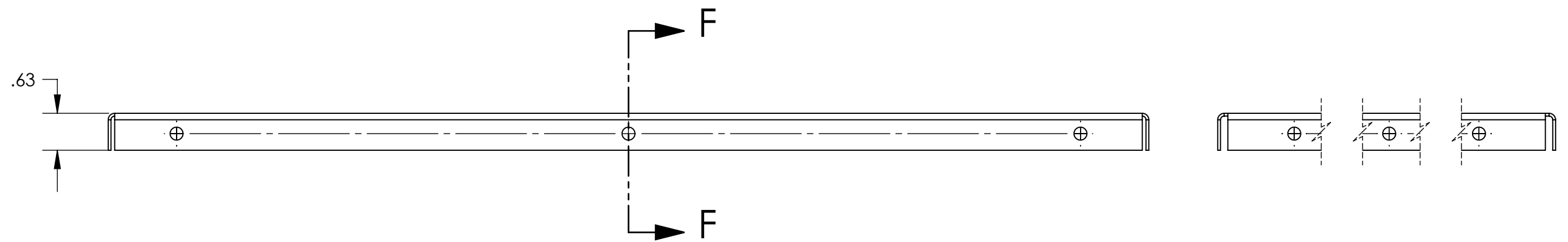
SECTION E-E



-2 FLAT STATE  
(ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY)



SECTION F-F



 <b>CALIFORNIA INSTITUTE OF TECHNOLOGY</b> <b>MASSACHUSETTS INSTITUTE OF TECHNOLOGY</b>		
SIZE <b>C</b>	DWG. NO. <b>D1100270</b>	REV. <b>v2</b>
SCALE: 1:2	PROJECTION: 	SHEET 3 OF 3