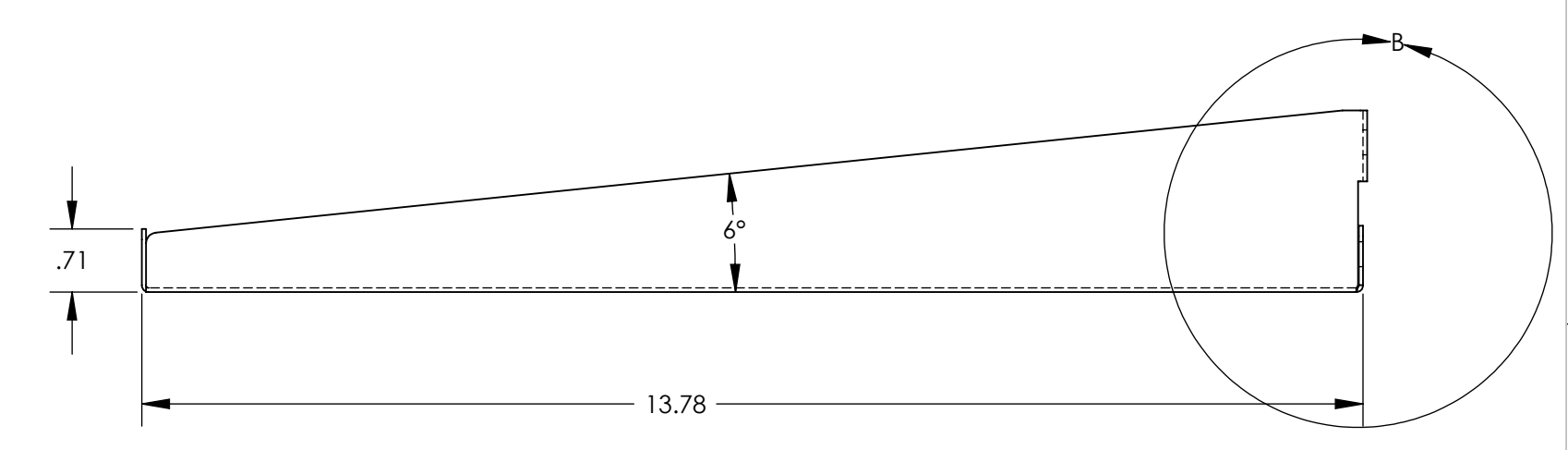
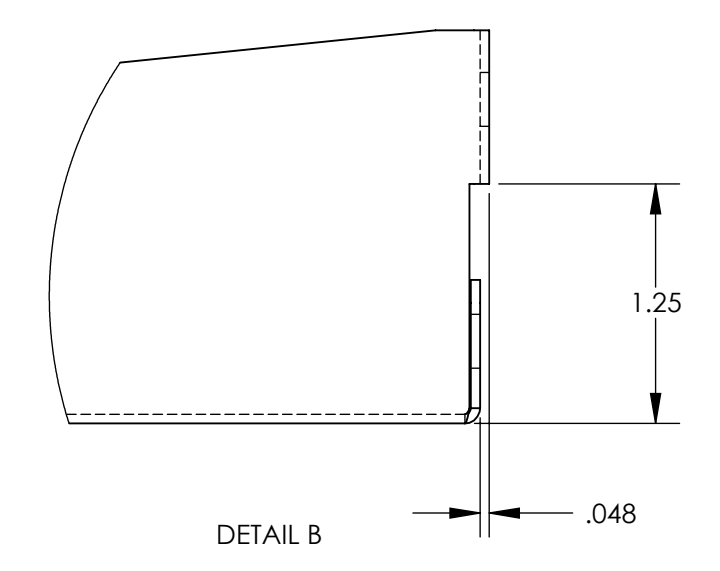
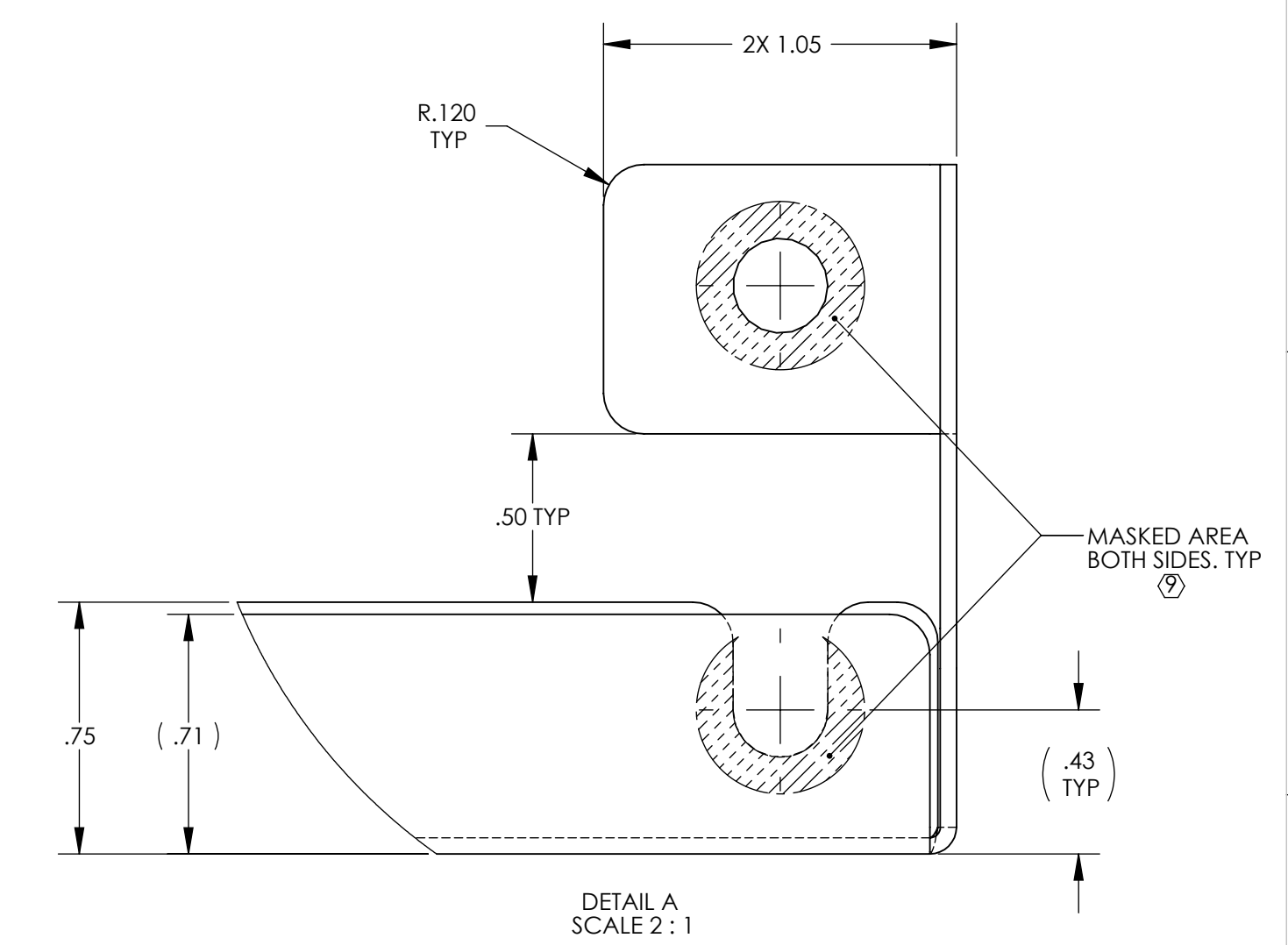
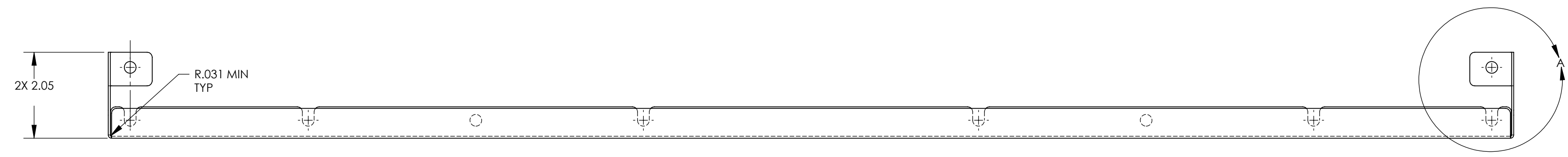
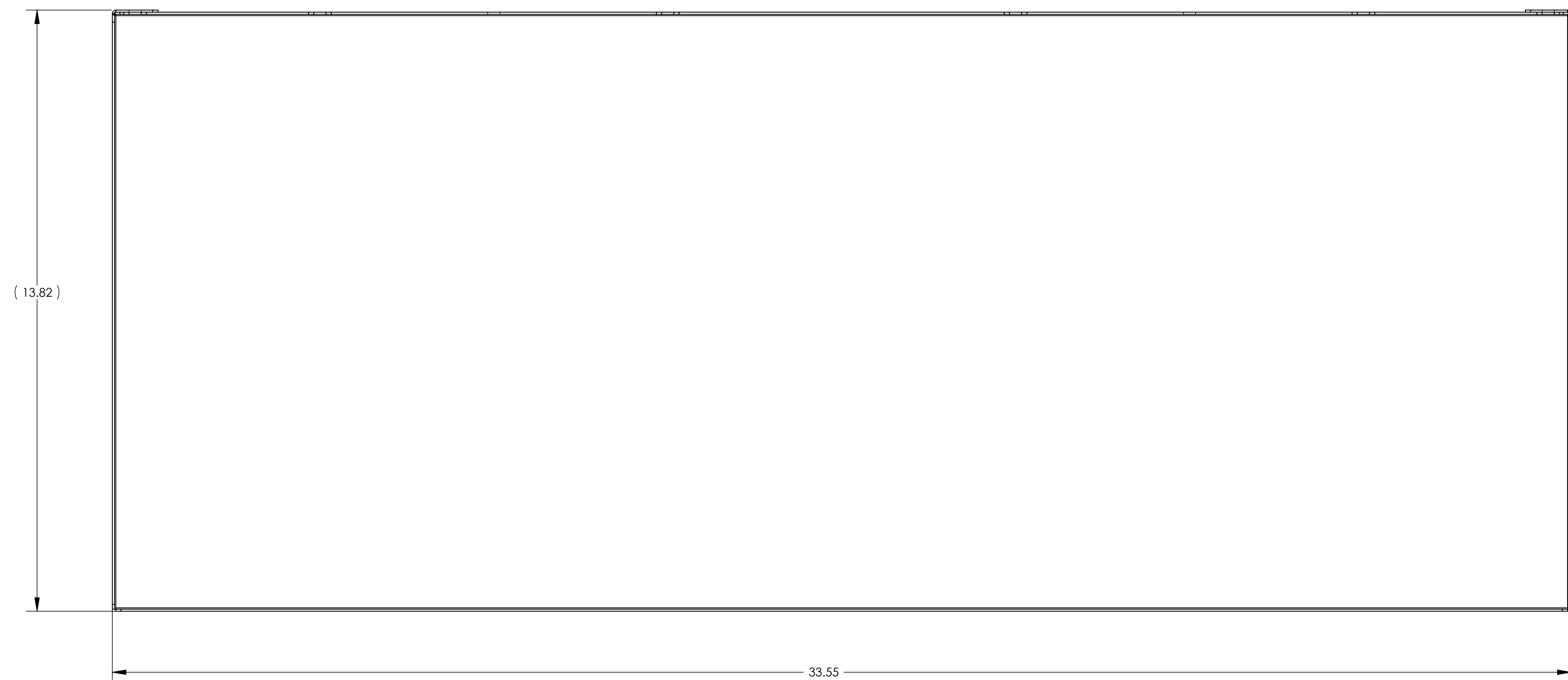
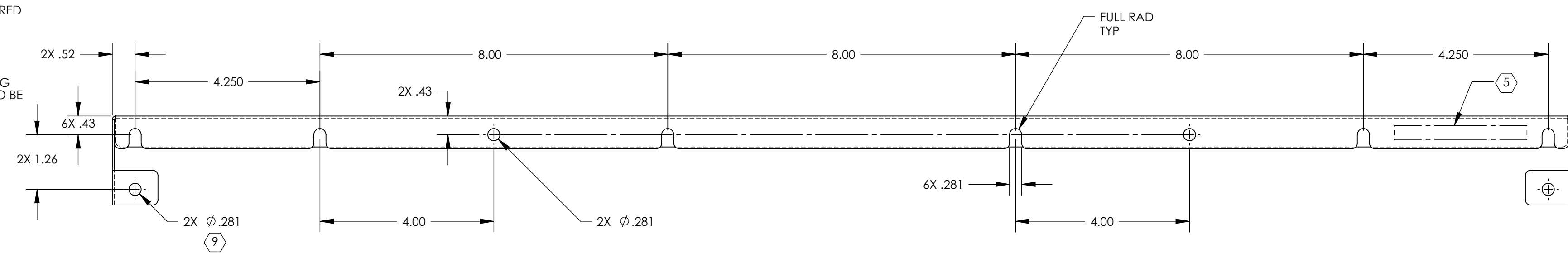


- NOTES: UNLESS OTHERWISE SPECIFIED**
1. INTERPRET DRAWING PER ASME Y14.5-1994.
  2. REMOVE ALL SHARP EDGES AND BURRS AND ROUND EDGES APPROXIMATELY R.02.
  3. DO NOT SCALE FROM DRAWING.
  4. ALL MACHINE FLUIDS MUST BE FULLY SYNTHETIC, FULL WATER SOLUBLE AND FREE OF SULFUR, SILICONE AND CHLORINE PER LIGO DOCUMENT E0900237.
  5. MECHANICALLY STAMP (NO INKS OR DYES) PART NUMBER, REVISION AND SERIAL NUMBER .020 DEEP WITH MINIMUM CHARACTER HEIGHT .156 APPROXIMATELY WHERE SHOWN. SERIAL NUMBER WILL START AT 001 AND PROCEED CONSECUTIVELY. EXAMPLE: D100XXXX=V1 S/N 001
  6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPEC E0900364.
  7. ALL MATERIAL IS TO BE VIRGIN MATERIAL (I.E. NO WELD REPAIRS OR PLUGS) UNLESS APPROVED IN ADVANCE, IN WRITING, BY LIGO PER SPECIFICATION E0900364.
  8. SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
  9. PART WILL BE PORCELAIN COATED PER LIGO SPECIFICATION E1000083 AFTER FABRICATION. THE INDICATED HOLES WILL BE MASKED PRIOR TO PORCELAIN COATING TO APPROXIMATELY 2.5-3X HOLE DIAMETER CENTERED ON BOTH SIDES OF THE HOLE.
  10. DIMENSIONS APPLY BEFORE PORCELAIN COATING UNLESS SPECIFIED.
  11. BEND RADIUS: UNLESS OTHERWISE NOTED, THE BEND RADIUS SHOULD BE THE MINIMUM REQUIRED TO FORM WITHOUT CRACKING OR REQUIRING ADDITIONAL WORK WHEN FORMING. IN PARTICULAR IF SHEET METAL IS TO BE PORCELAIN COATED, THE BEND RADIUS SHALL BE MINIMUM OF .12" OUTSIDE RADIUS OF BEND UNLESS OTHERWISE NOTED.

REV.	DATE	DCN #	DRAWING TREE #
v1	31 AUG 2010	E1000285	



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:  
 .XX ± .02  
 .XXX ± .010

ANGULAR ± 0.5°

MATERIAL	18 GA Enamel Steel A424 Type I
FINISH	8 9

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		<b>PART NAME</b> ARM CAVITY BAFFLE LOWER LEAF	
<b>SYSTEM</b> ADVANCED LIGO	<b>SUB-SYSTEM</b> AOS	<b>DESIGNER</b> N.Nguyen	<b>DATE</b> 01 Jun 2010
<b>CHECKER</b> M. SMITH	<b>DATE</b> 10 NOV 2010	<b>SIZE</b> D	<b>DWG. NO.</b> D1001027
<b>APPROVAL</b> D. COYNE	<b>DATE</b> 20 NOV 2010	<b>SCALE</b> 1:1	<b>PROJECTION</b> 
<b>REVISION</b> v1	<b>SHEET</b> 1 OF 2		

D1001027\_AudiGO\_AOS\_31C\_ARM\_Cavity\_Baffle\_Lower\_Leaf\_PRT\_PDM\_REV\_X020\_DRAWING\_PDM\_REV\_X023

8

7

6

5

4

3

2

1

H

G

F

E

D

C

B

A

H

G

F

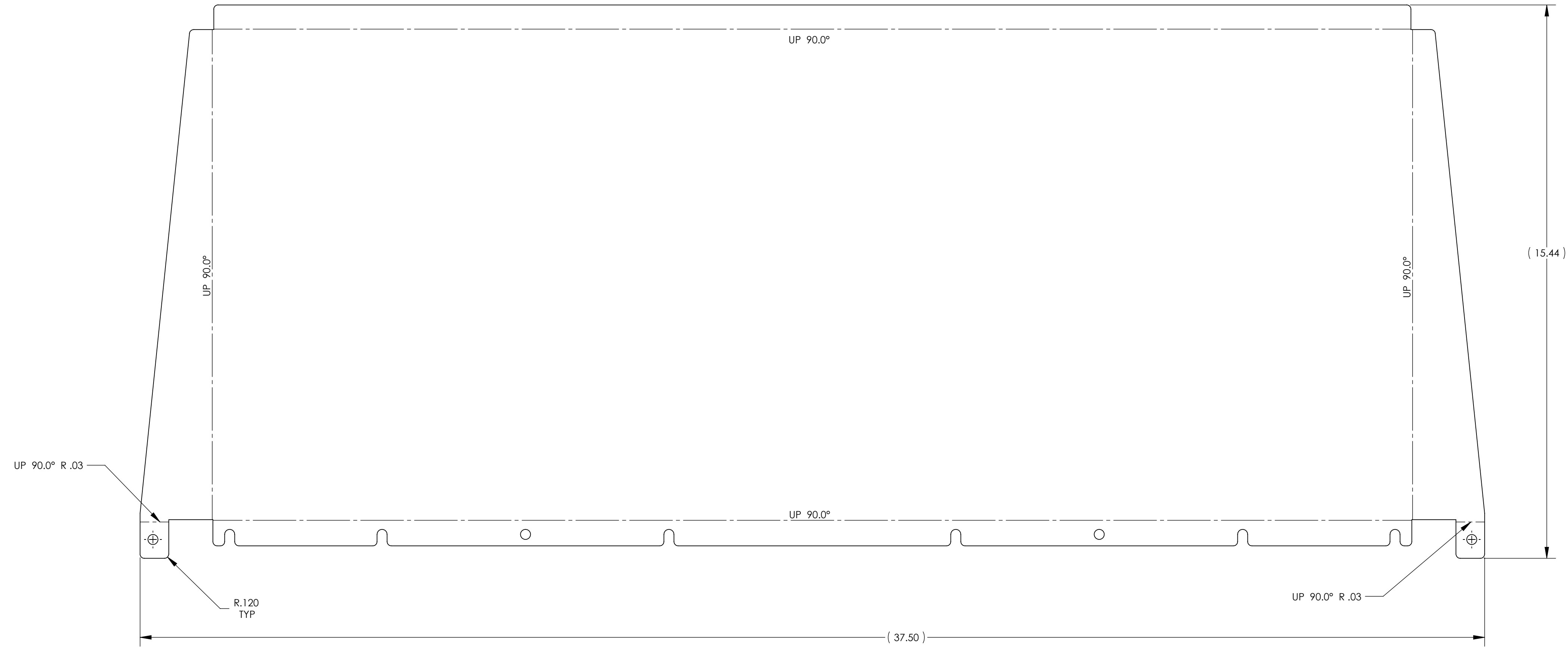
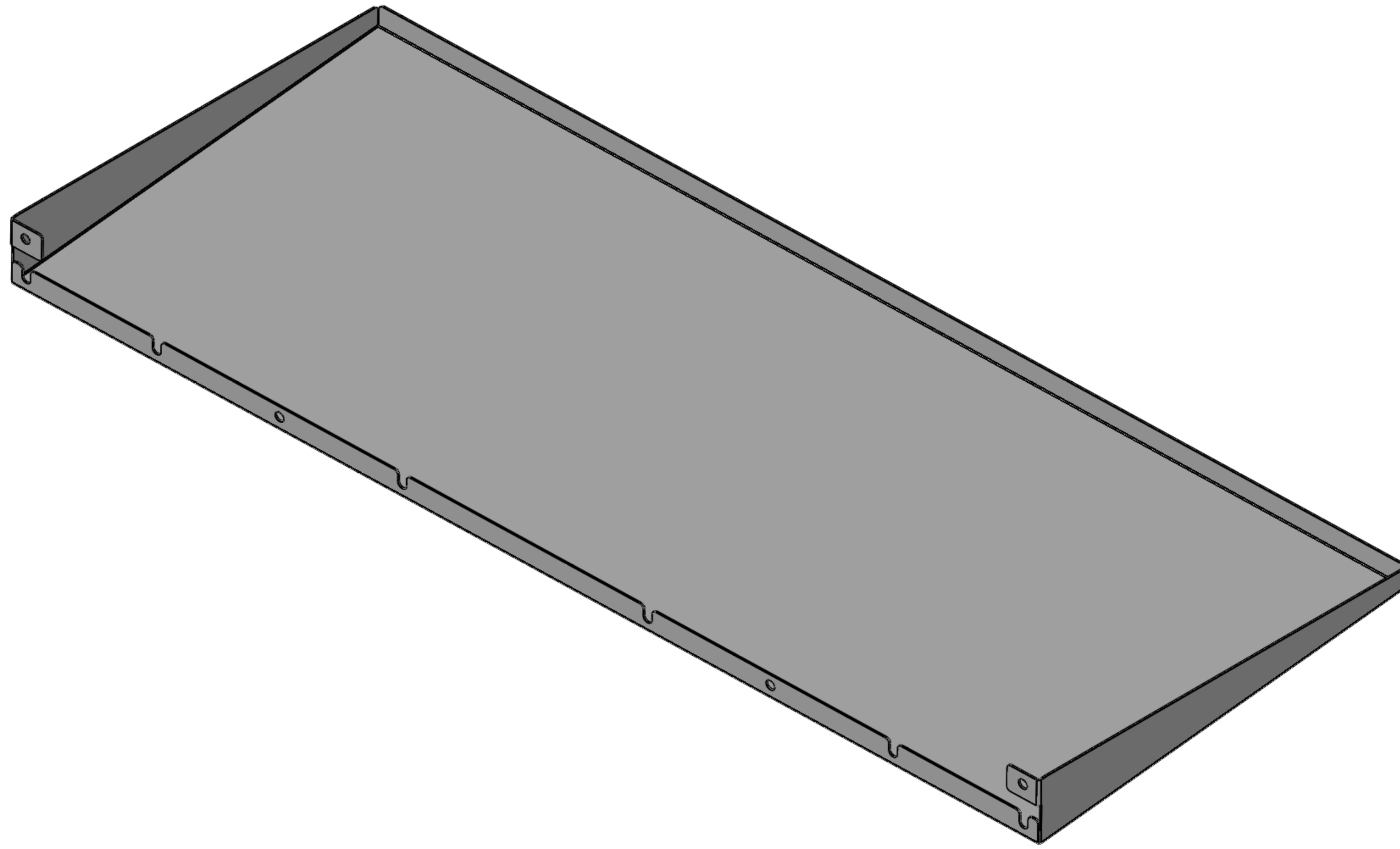
E


D

C

B

A



<b>LIGO</b> CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE DWG. NO.	REV.
<b>D</b> D1001027	v1
SCALE: 1:1	PROJECTION:  SHEET 2 OF 2

D:\001027\_AduIGO\_AOS\_SLC\_ARM\_Cavity\_Baffle\_Lower\_Left\_PART.PDM\_REV.X:020.DRAWING.PDM\_REV.X:023