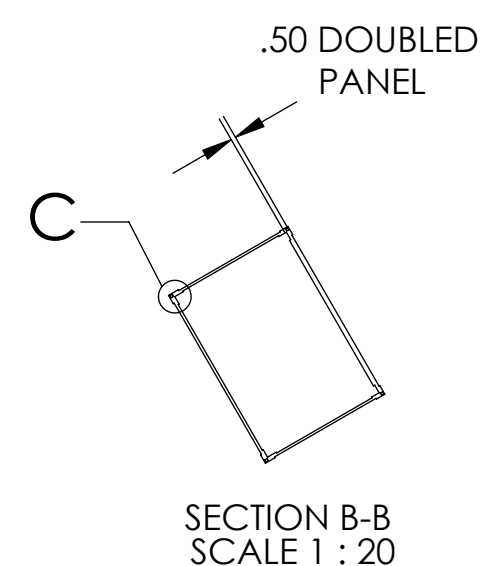
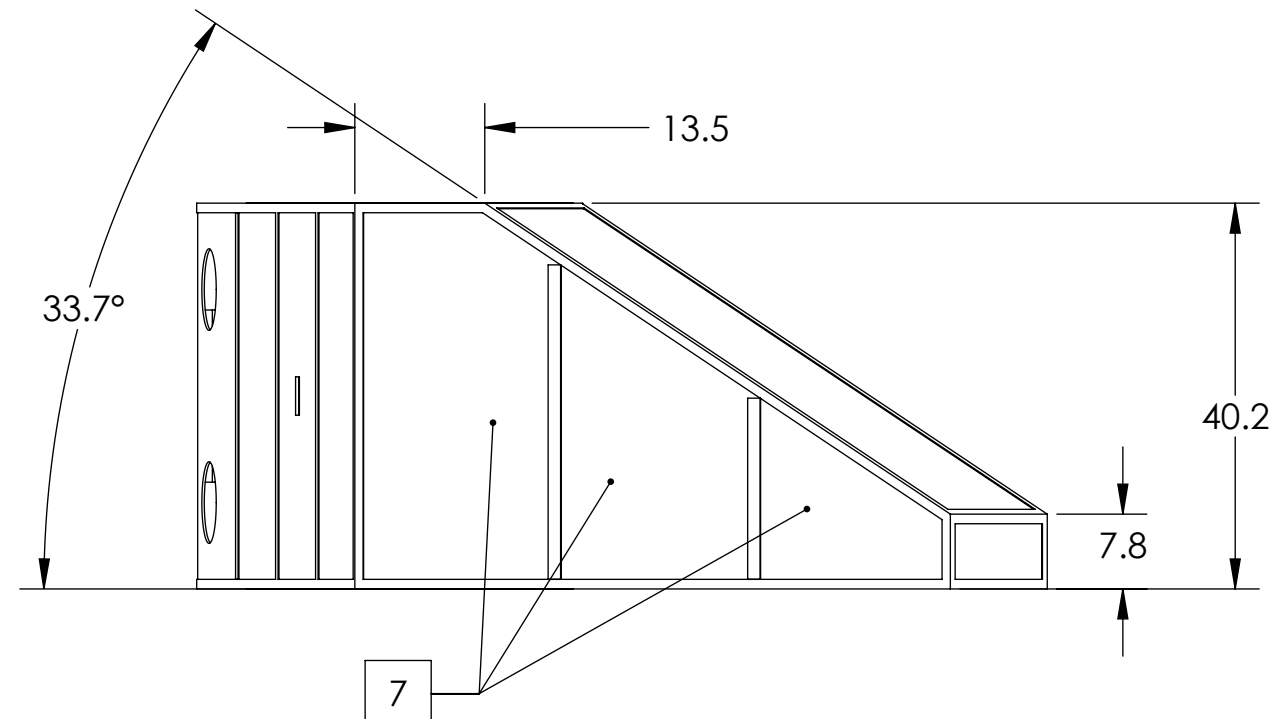
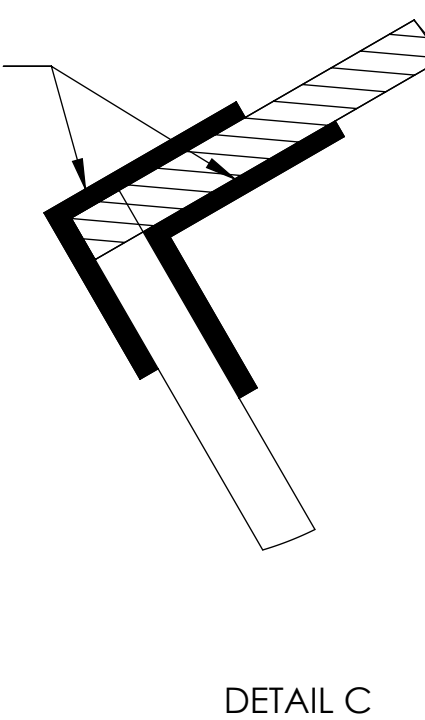


NOTES CONTINUED:
 5 ENGRAVE PLATE WITH DRAWING NUMBER AND REVISION ON NOTE SURFACE FOLLOWED BY A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND CONSECUTIVELY. USE .07 HIGH CHARACTERS. EXAMPLE: DXXXXXX-VY, S/N 001

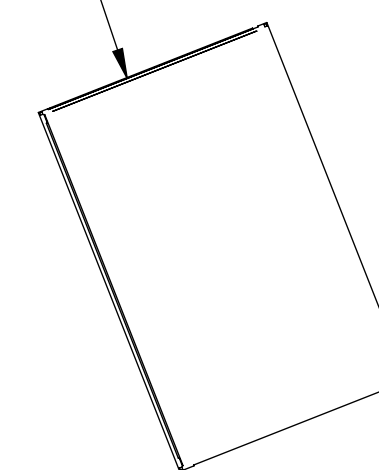
REV.	DATE	DCN #	DRAWING TREE #
V1	9/21/11	E1100896	
V2	1/17/12	E1200059	



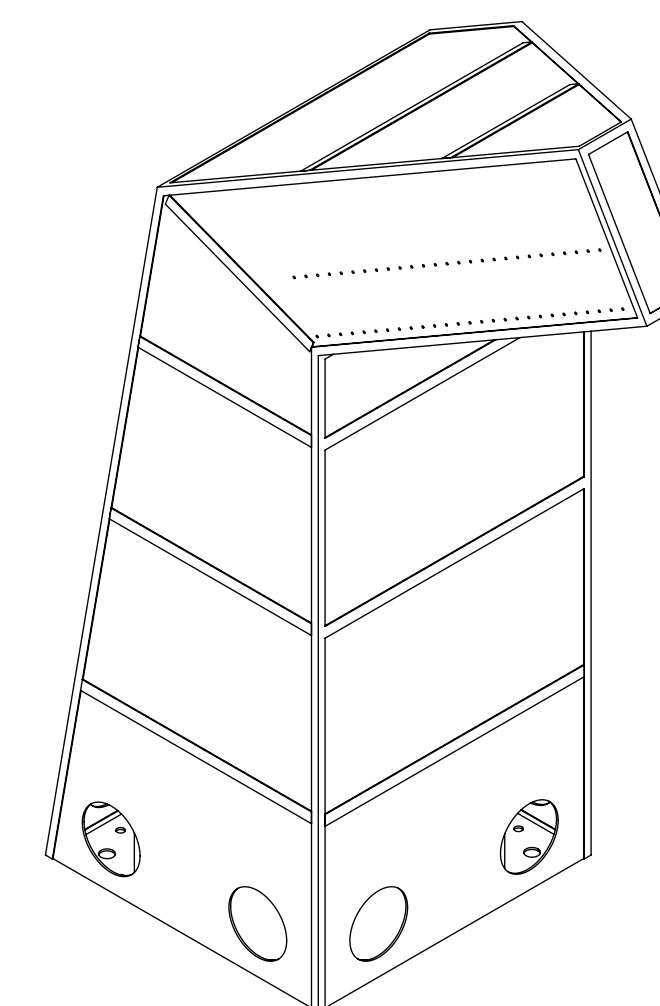
SUPPORT CARBON FIBER BRACKETS TYP 1 X 1 X 3/32 TYP ALL ANGLES



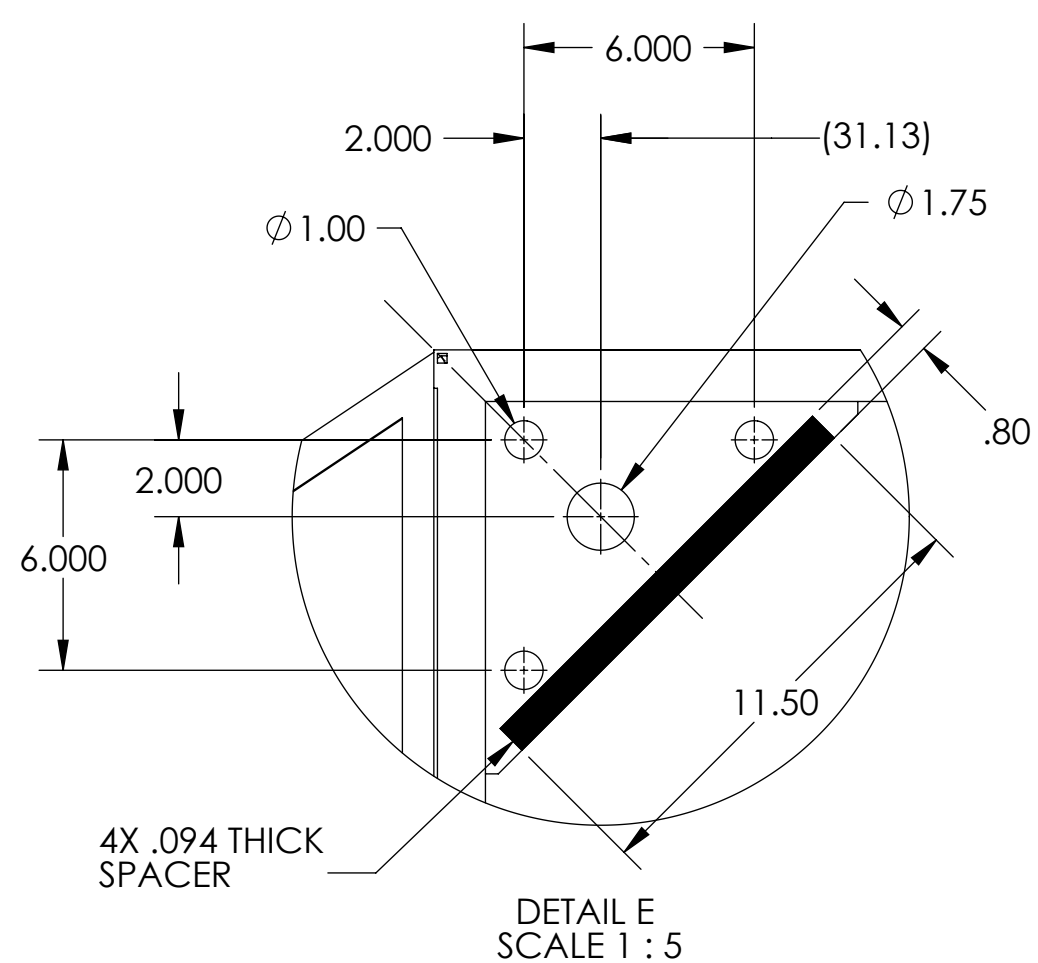
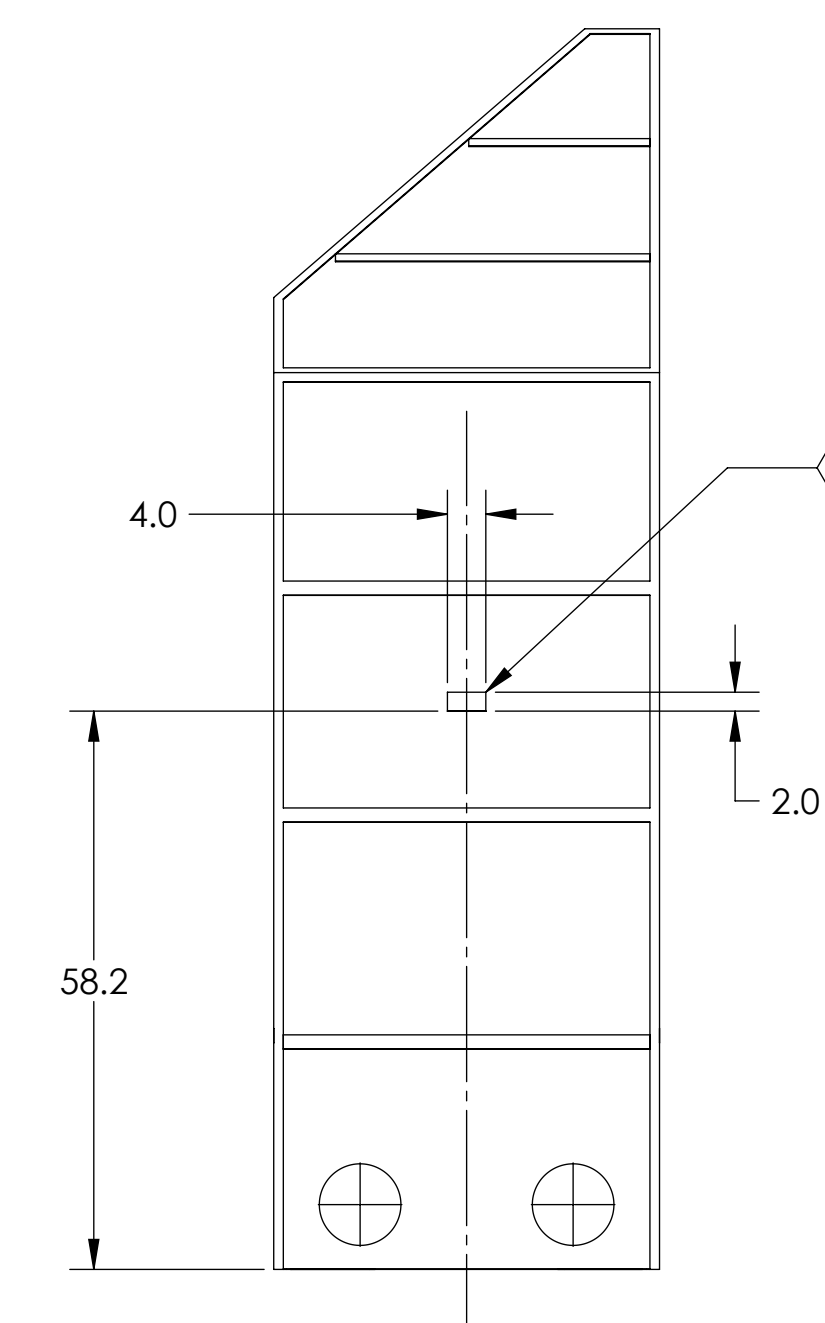
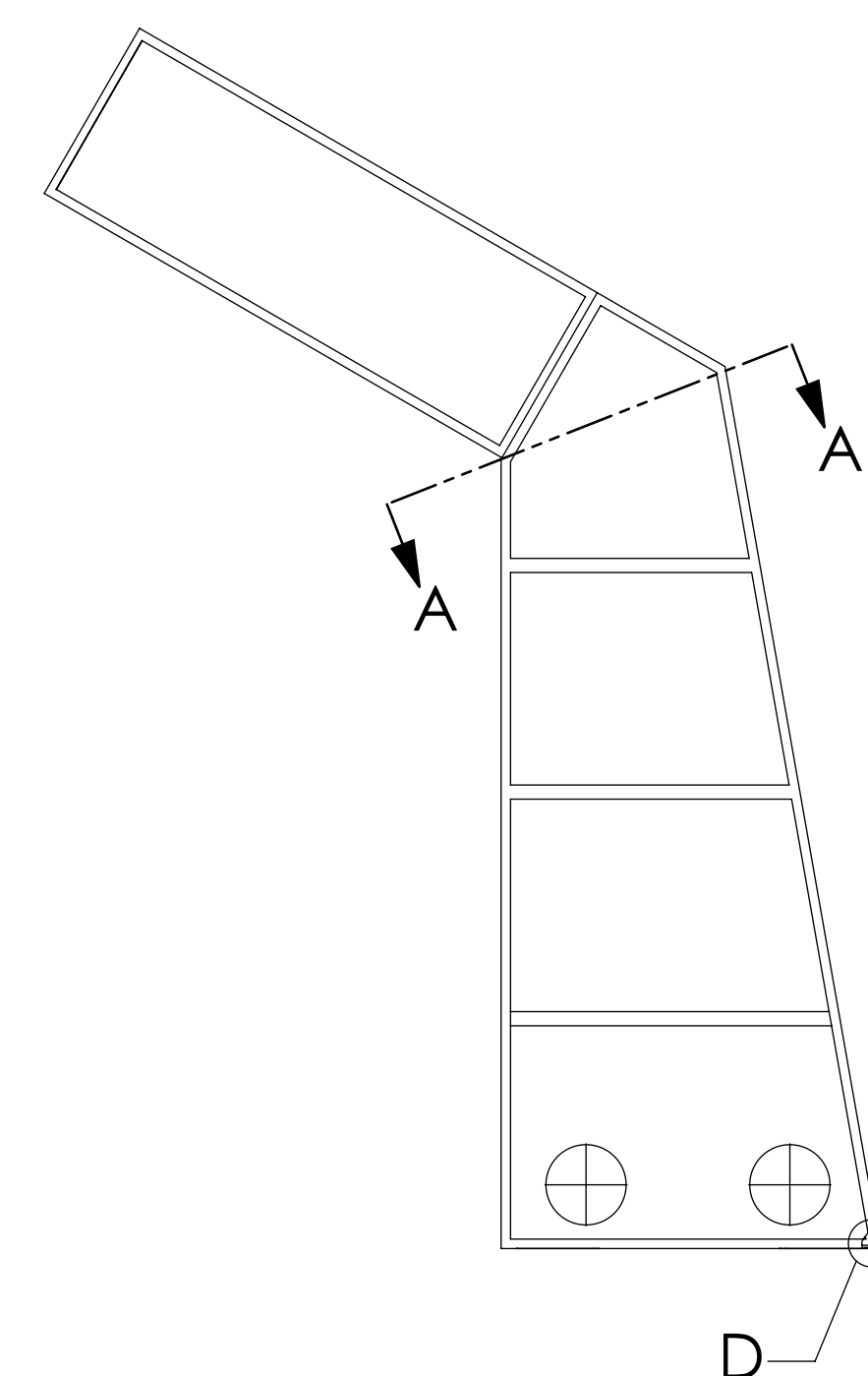
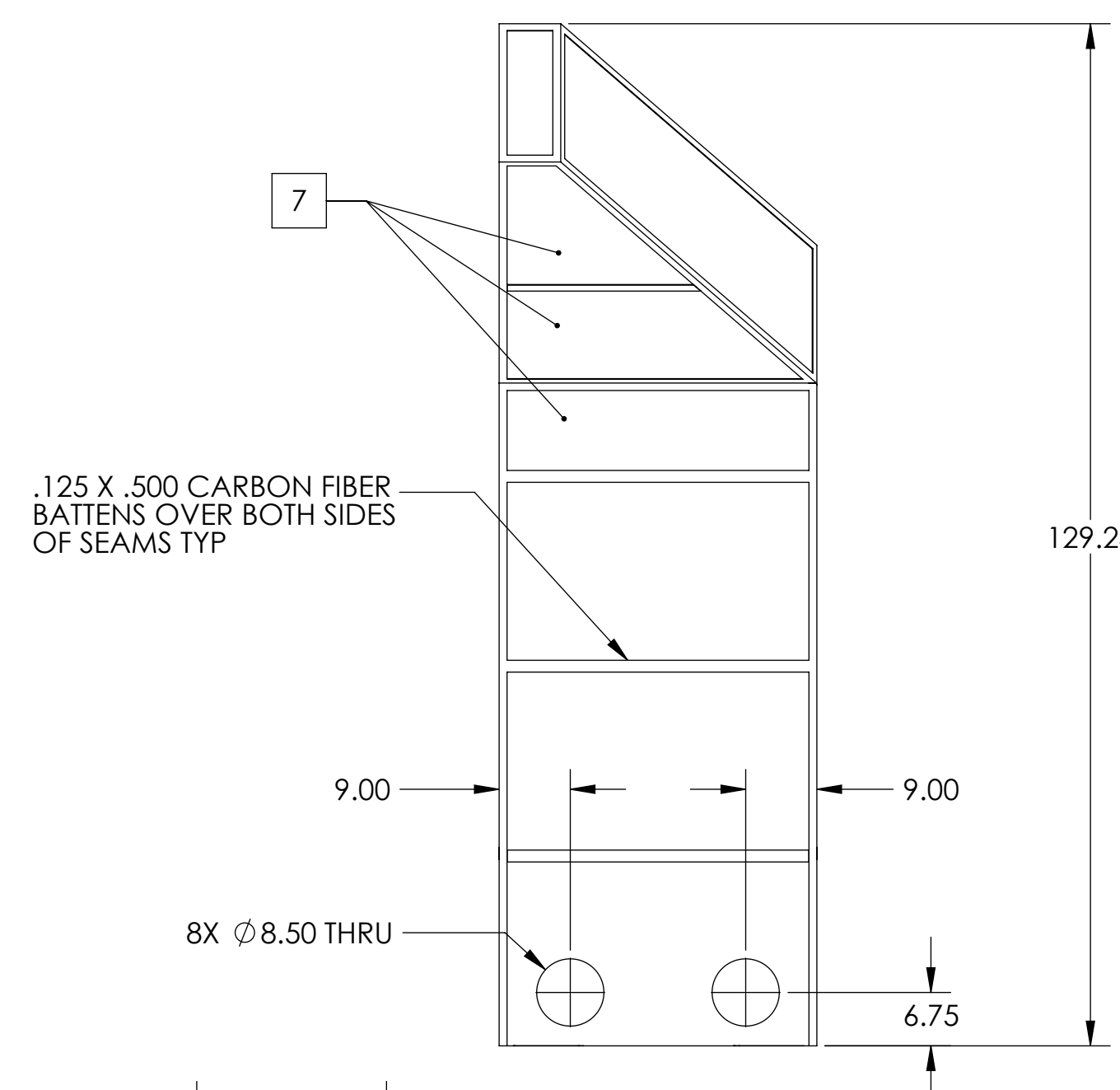
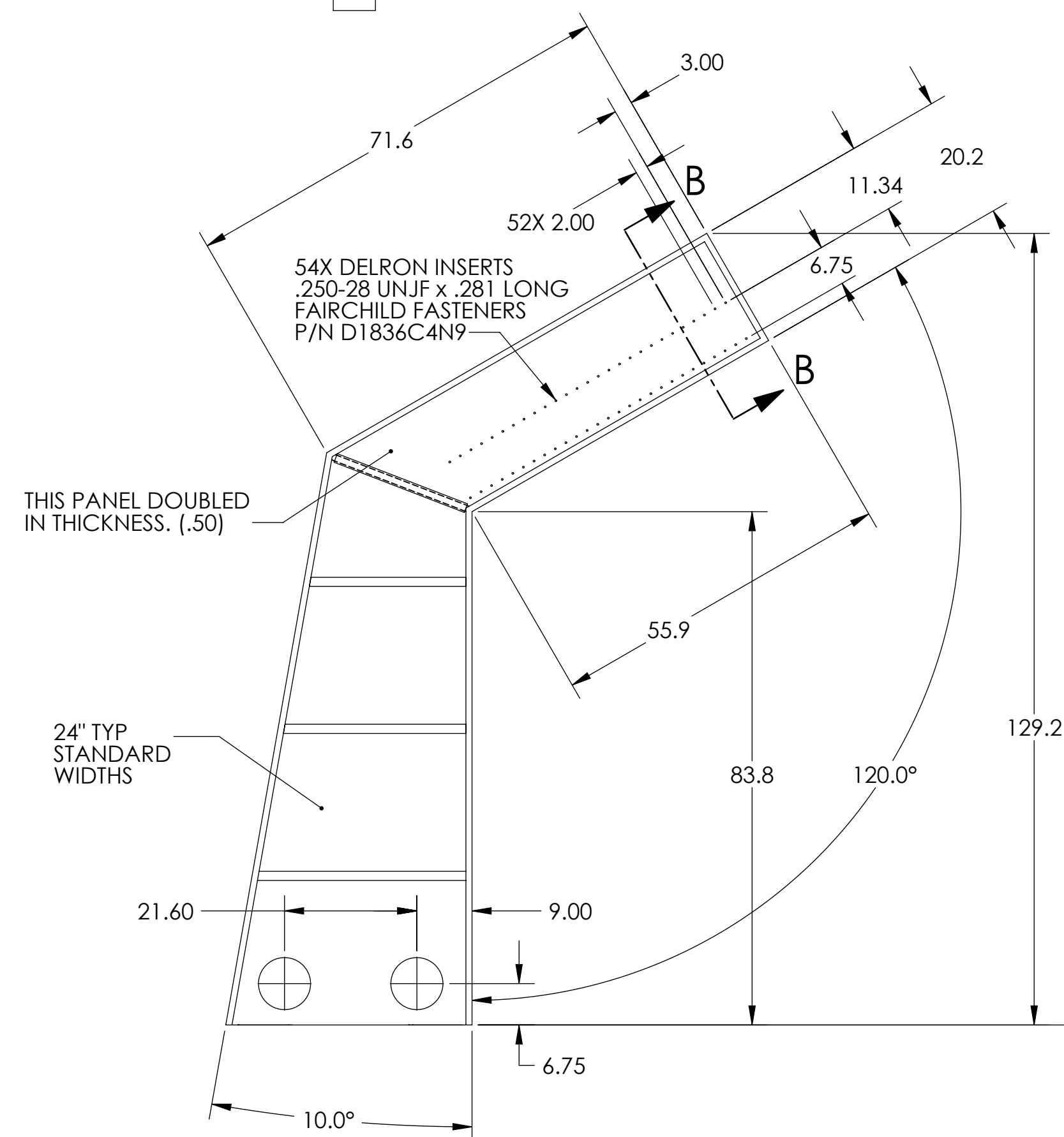
STIFFNER PLATE



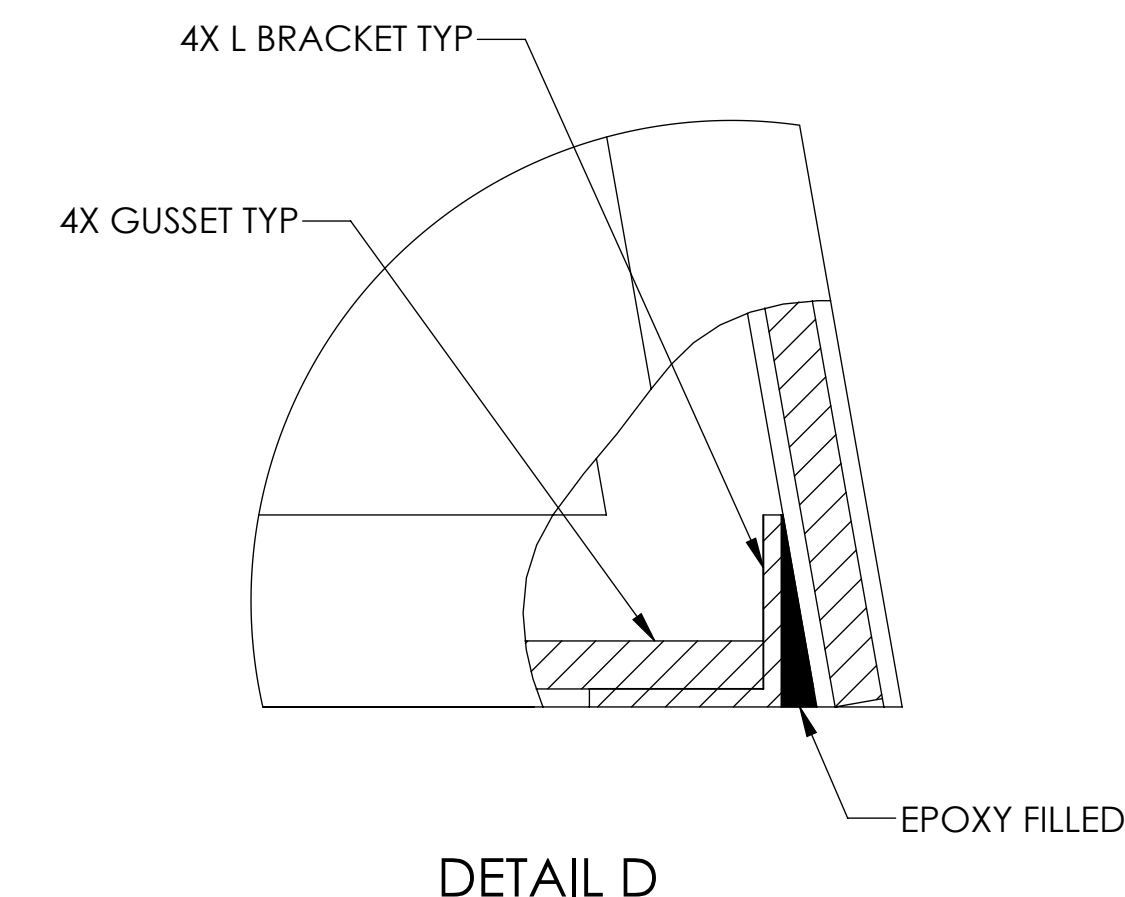
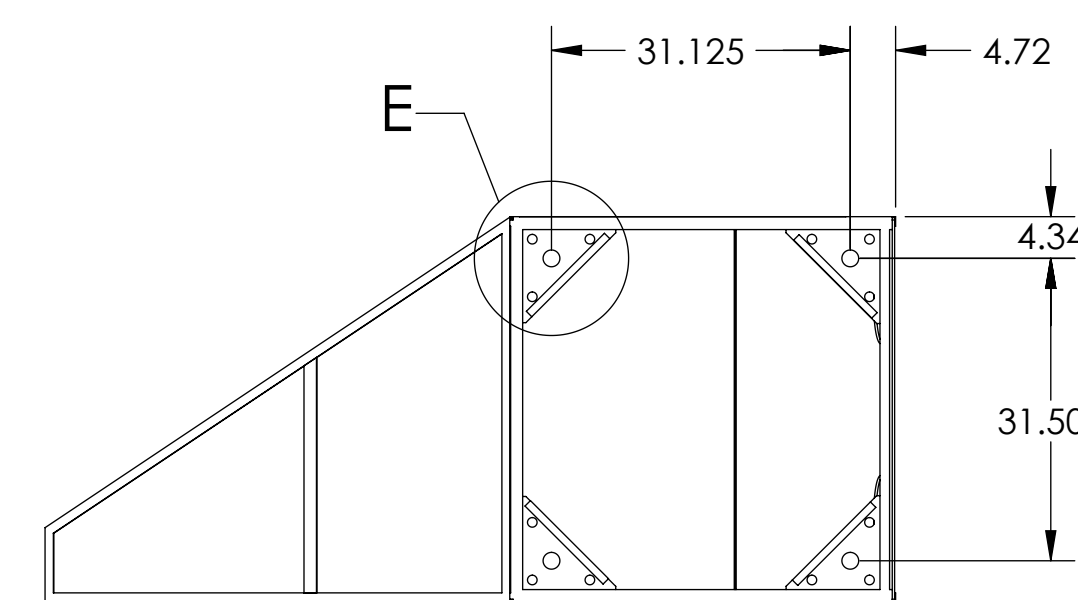
SECTION A-A SCALE 1:20



ISO VIEW



4 PLACES TYP



DETAIL D

- 6. PANEL MATERIALS EQUAL TO DRACON PLATE AIREX C70, .25 THICK, 3 LAYER FOAM CORE CARBON FIBER.
- 7 FLIPPING THESE PLATES 180 DEGREES WILL ALLOW FOR MIRROR IMAGE ASSEMBLY OF SHOWN ASSEMBLY.
- 8. ALL EXPOSED FOAM AREAS, OPENING AND HOLES ARE TO BE COATED WITH EPOXY.
- 9. SUBSEQUENT CONFIGURATION TO BE MIRRORED IDENTICALLY.
- 10. SEEM LOCATIONS ARE OPTIONAL.

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
1. INTERPRET DRAWING PER ASME Y14.5-1994.	
2. REMOVE ALL SHARP EDGES, R.02 MIN.	
3. DO NOT SCALE FROM DRAWING.	
4. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410.	
DIMENSIONS ARE IN INCHES	
TOLERANCES:	
.XX ± .02	
.XXX ± .010	
ANGULAR ± 0.5°	
MATERIAL	SEE NOTE 6
FINISH	MATERIAL DEFAULT

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM	alIGO
SUB-SYSTEM	OPTICAL LEVERS
NEXT ASSY	

PART NAME		aLIGO OPTICAL LEVERS GIRAFFE	
DESIGNER	E JAMES	9/13/11	SIZE DWG. NO.
DRAFTER	I ROMERO	9/20/11	D
CHECKER			D1101802
APPROVAL	E JAMES	9/21/11	SCALE: 1:1 PROJECTION:
			SHEET 1 OF 1