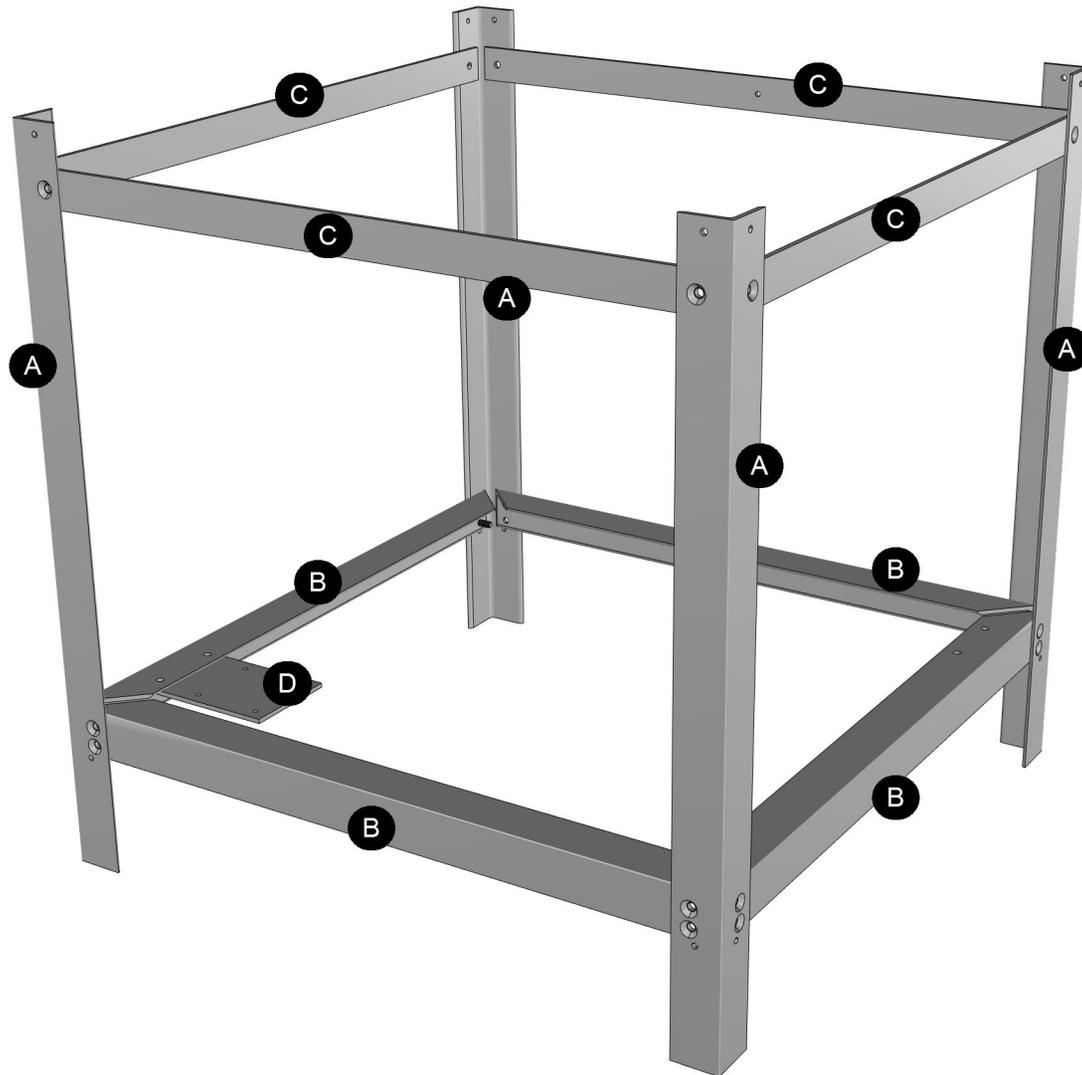




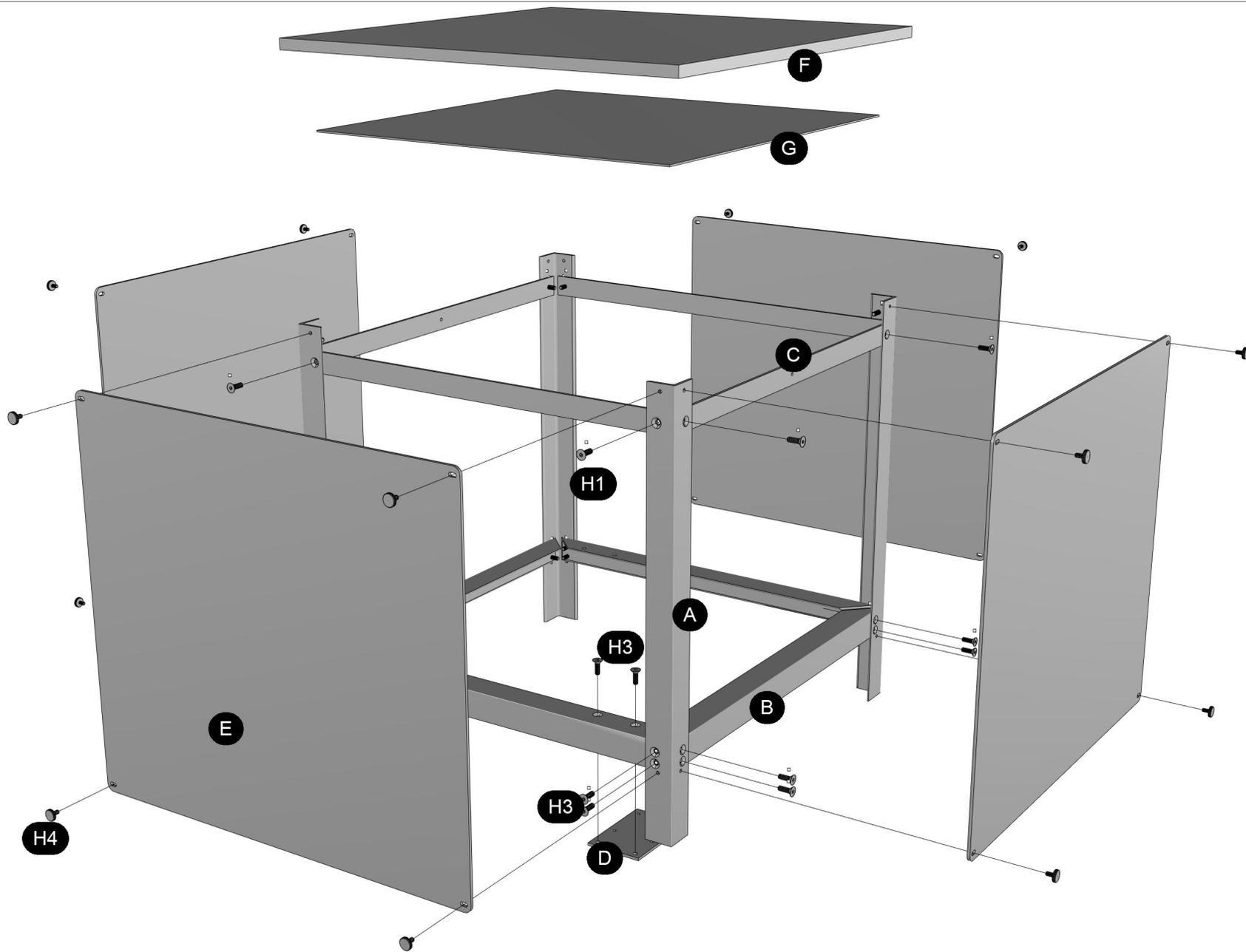
ALUMINIUM STRUCTURE - ASSEMBLED

<i>Drawing No.</i> CS009		<i>Date</i> 7/27/2015		<i>Desc.</i> ALUMINIUM STRUCTURE - ASSEMBLED	
<i>Layout No.</i>		<i>Drawn/Checked</i>		<i>Rev:</i>	<i>Ckd.</i>
<i>Series No.</i>		<i>Tol:</i>		<i>Rev:</i>	<i>Ckd.</i>
<i>Scale</i>	<i>Units</i> mm	<i>Sheet</i>	<i>Dwg. Sz.</i>	<i>Rev:</i>	<i>Ckd.</i>

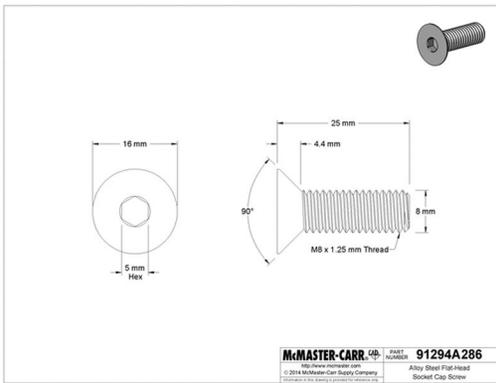


ALUMINIUM STRUCTURE - PARTS LIST

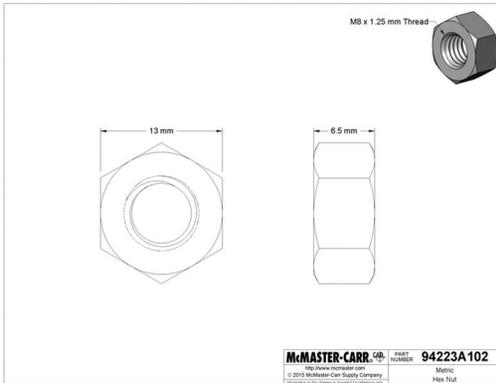
Drawing No. CS006		Date 9/11/2015		Desc. ALUMINIUM STRUCTURE - PARTS		
Layout No.		Drawn/Checked		Rev: UPDATED DRAWING		Ckd.
Series No.		Tol:		Rev:		Ckd.
Scale	Units mm	Sheet	Dwg. Sz.	Rev:		Ckd.



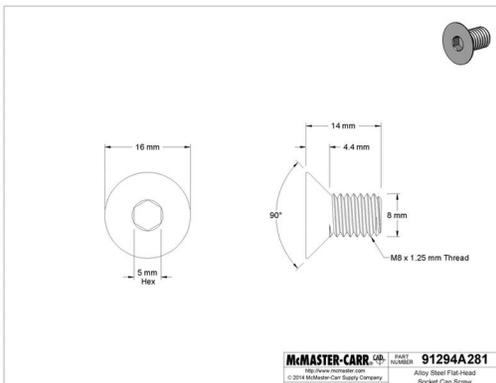
Drawing No. CS008		Date 9/15/2015		Desc. ASSEMBLY - EXPLODED VIEW	
Layout No.		Drawn/Checked		Rev: UPDATED ASSEMBLY - WITH HARDWARE	
Series No.		Tol:		Rev: Ckd.	
Scale	Units mm	Sheet	Dwg. Sz.	Rev:	Ckd.



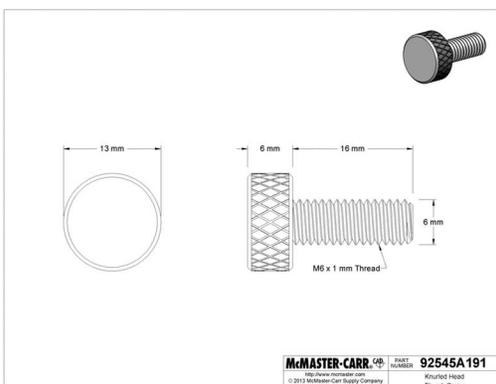
H1



H2



H3



H4

# HARDWARE

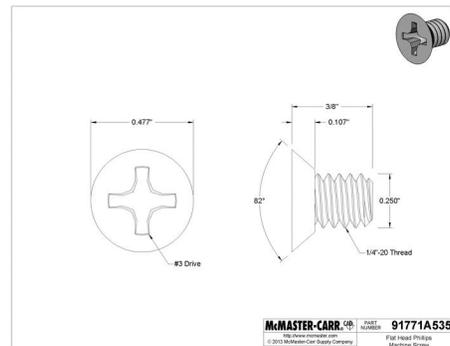
H1 - 8 x of 25mm M8 bolts

H2 - 8 x M8 Hex nuts

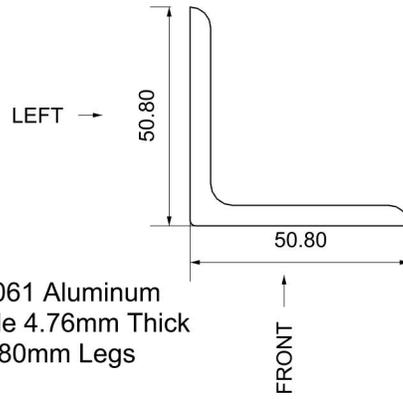
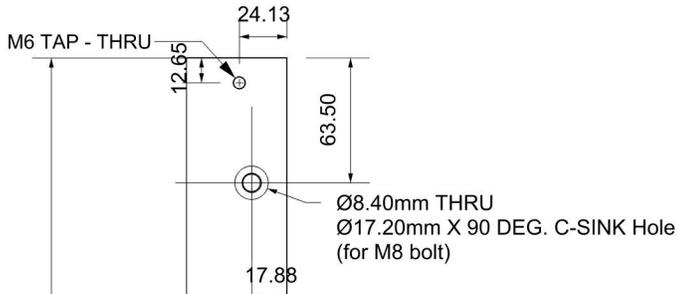
H3 - 18 x 14mm M8 bolts

H4 - 16 x 16mm M6 thumb screws

H5 - 1 X 1/4"-20 Thread, 3/8" Length, Undercut Head



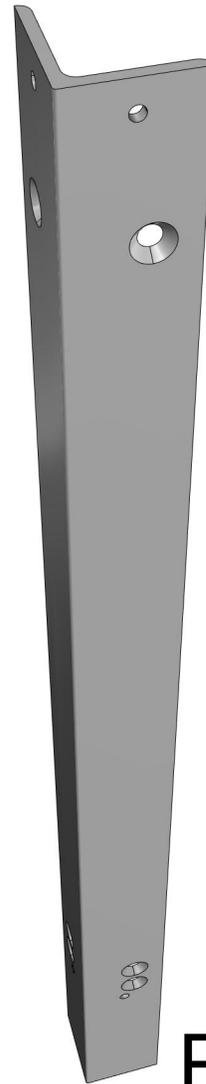
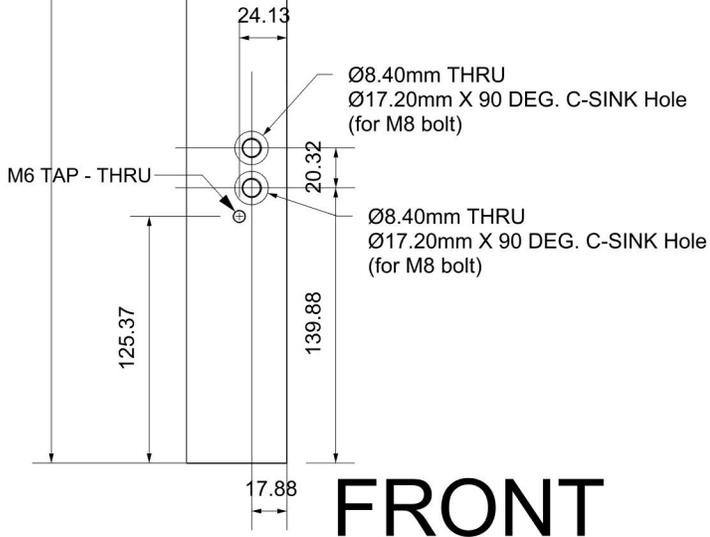
H5



Multipurpose 6061 Aluminum  
 90 Degree Angle 4.76mm Thick  
 50.80mm X 50.80mm Legs

TOP

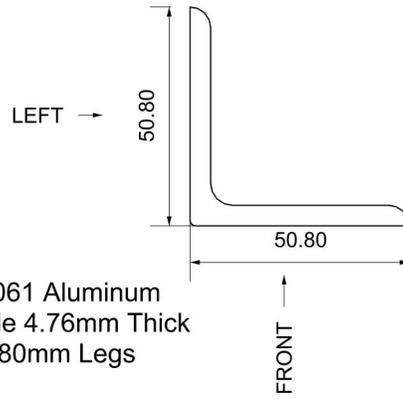
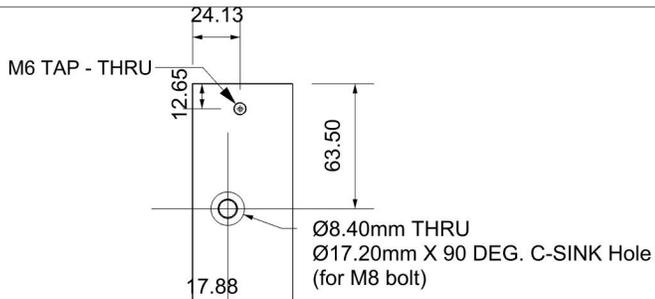
774.7



PERSP.

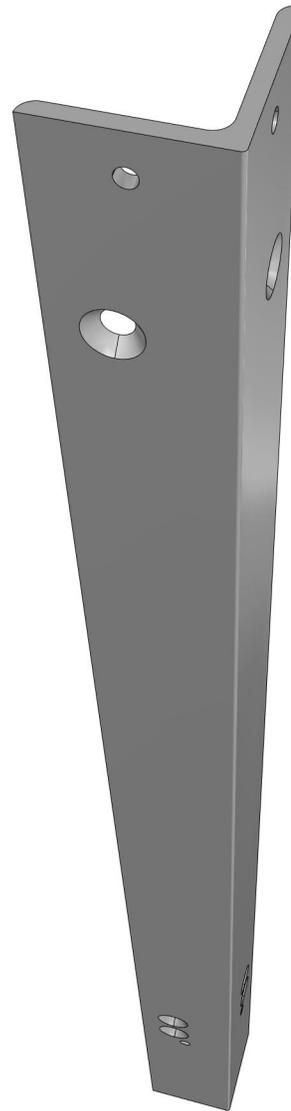
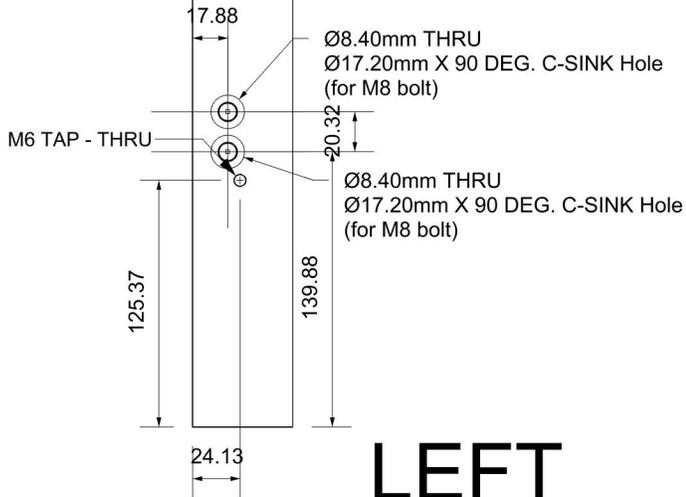
FRONT

MCMASTER CARR ITEM NO. 8982K18	Drawing No.		Date		Desc.		
	CS001		9/12/2015		Aluminium Leg <b>A</b>		
	Layout No.		Drawn/Checked		Rev:		Ckd.
					Top bolt location lowered.		
Series No.		Tol:		Rev:		Ckd.	
Scale	Units	Sheet	Dwg. Sz.	Rev:		Ckd.	
	mm						



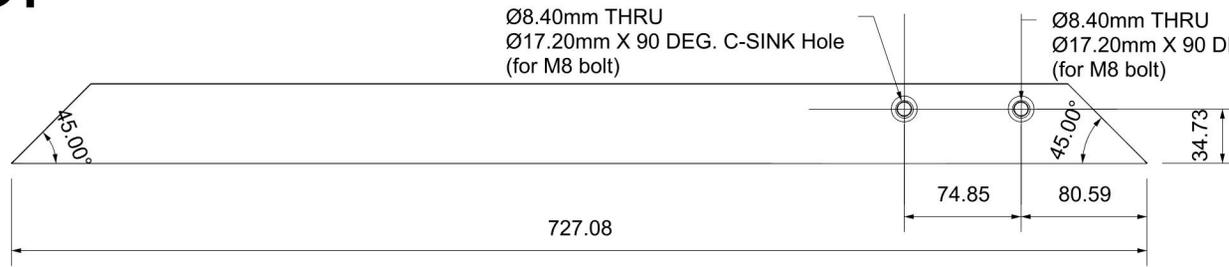
Multipurpose 6061 Aluminum  
90 Degree Angle 4.76mm Thick  
50.80mm X 50.80mm Legs

TOP

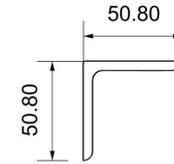


MCMaster CARR ITEM NO. 8982K18	Drawing No.		Date		Desc.		
	CS002		9/12/2015		Aluminium Leg <b>A</b>		
	Layout No.		Drawn/Checked		Rev:		Ckd.
					Top bolt location lowered.		
Series No.		Tol:		Rev:		Ckd.	
Scale	Units	Sheet	Dwg. Sz.	Rev:		Ckd.	
	mm						

# TOP

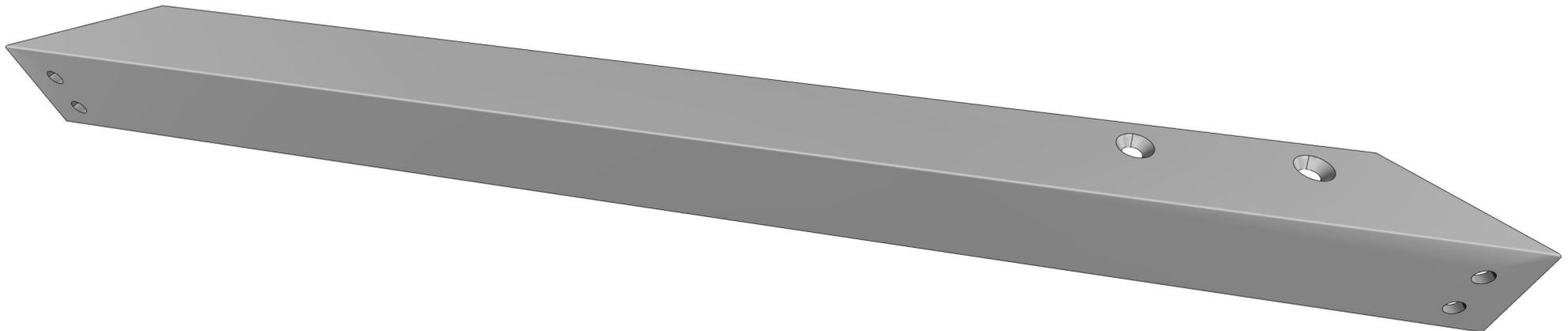
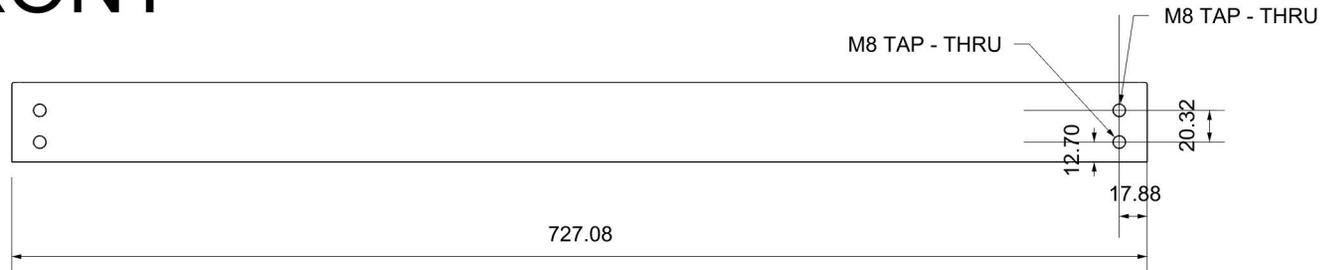


# RIGHT



Multipurpose 6061 Aluminum  
90 Degree Angle 4.76mm Thick  
50.80mmx50.80mm Legs

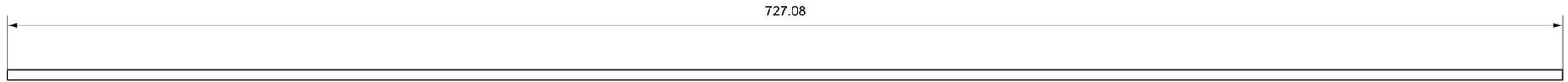
# FRONT



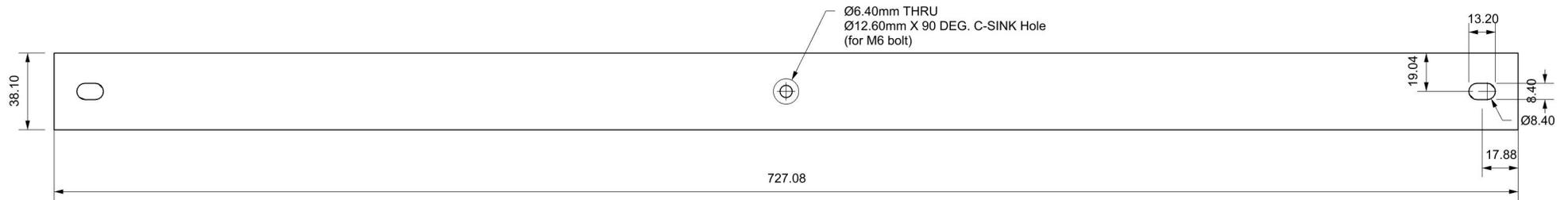
MCMaster CARR ITEM NO. 8982K18

Drawing No. <b>CS003</b>		Date <b>9/12/2015</b>		Desc. <b>Aluminium Angle Tie</b> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">B</span>	
Layout No.		Drawn/Checked		Rev:	
Series No.		Tol:		Rev:	
Scale	Units <b>mm</b>	Sheet	Dwg. Sz.	Rev:	
					Ckd.

# TOP



# FRONT

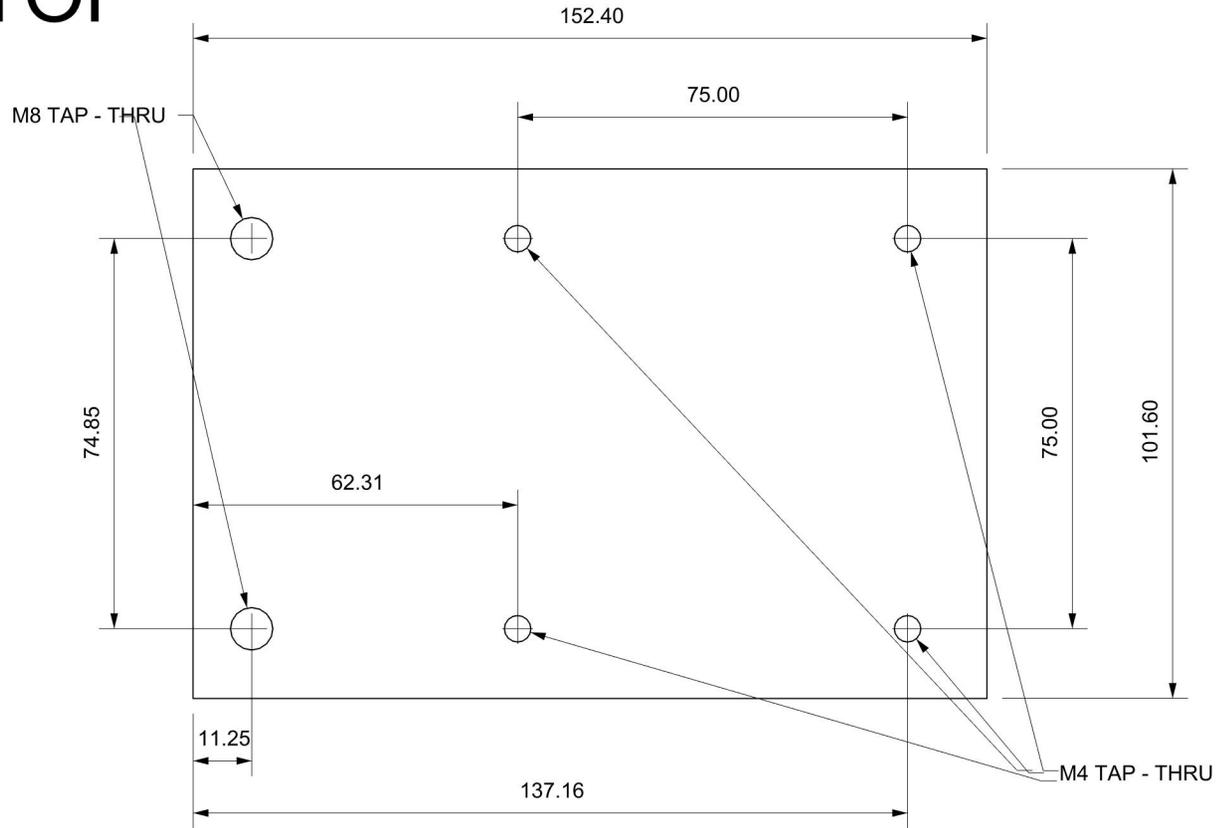


Multipurpose 6061 Aluminum  
6.35mm Thick, 38.1mm Width

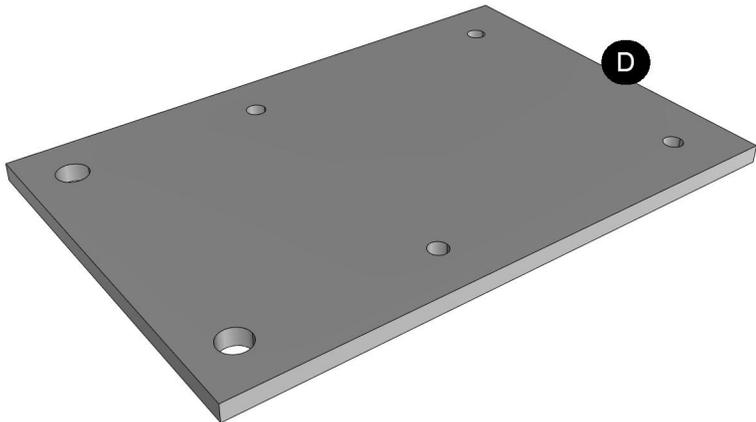
MCMaster CARR ITEM NO. 8975K518

Drawing No. CS004		Date 9/12/2015		Desc. Aluminium Tie Plate <b>C</b>	
Layout No.		Drawn/Checked		Rev: <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">C</span>	
Series No.		Tol:		Rev:	
Scale	Units mm	Sheet	Dwg. Sz.	Rev:	
				Ckd.	

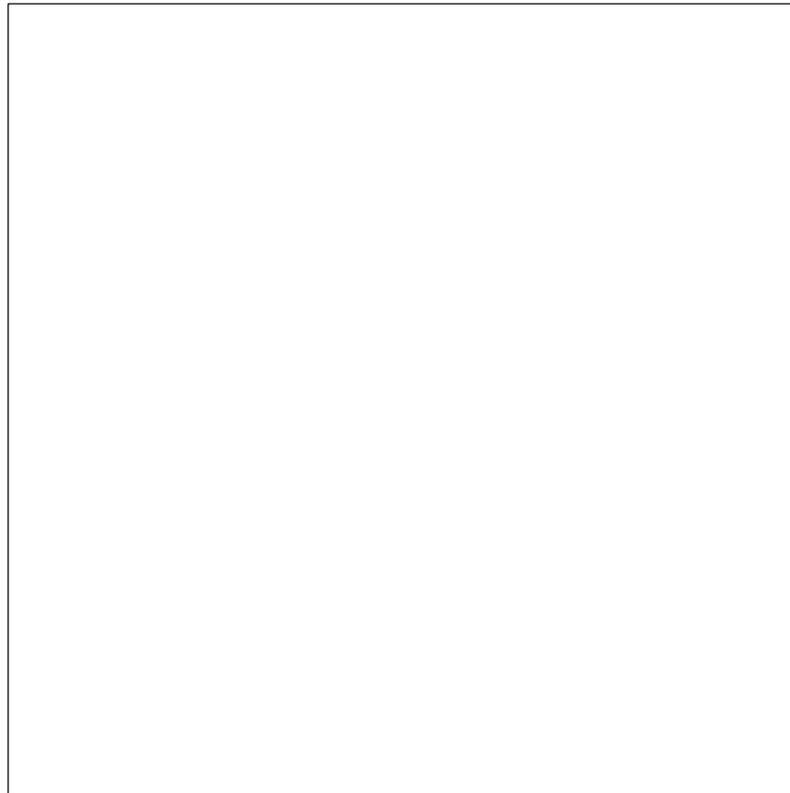
# TOP



Multipurpose 6061 Aluminum  
 6.35mm Thick  
 152.4mm x 101.60mm



Drawing No. <b>CS005</b>		Date <b>9/12/2015</b>		Desc. <b>Aluminium Mounting Plate</b> <b>D</b>	
Layout No.		Drawn/Checked		Rev:	Ckd.
Series No.		Tol:		Rev:	Ckd.
Scale	Units <b>mm</b>	Sheet	Dwg. Sz.	Rev:	Ckd.

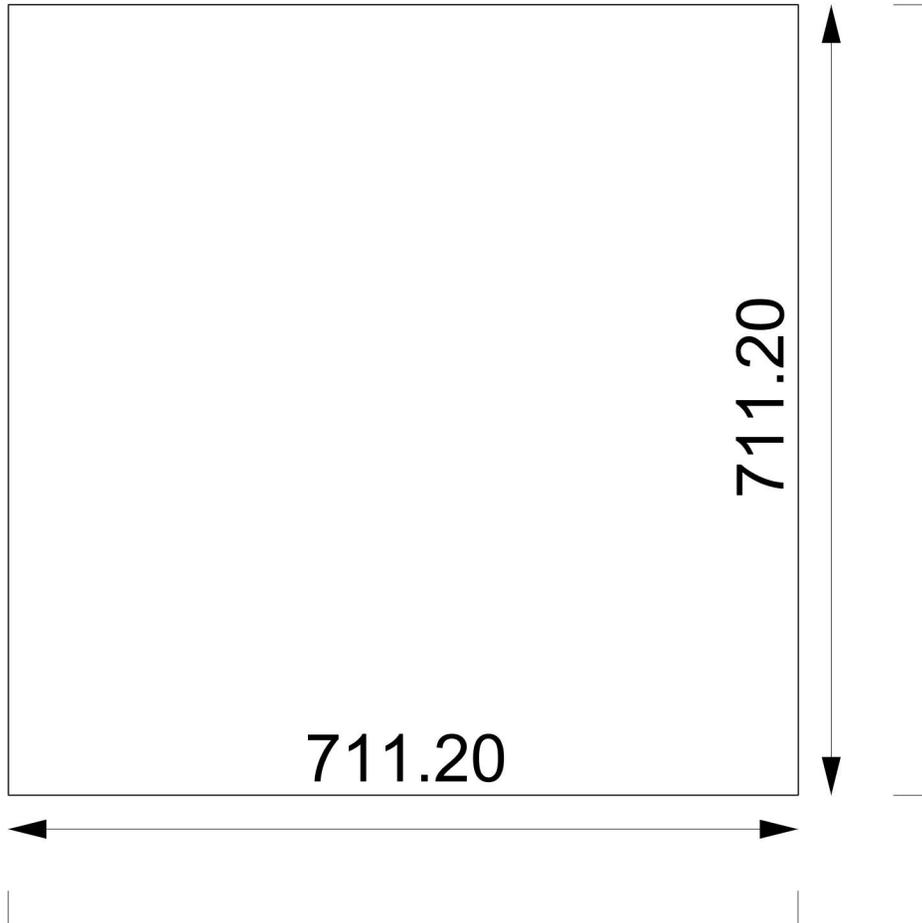


768.00

768.00

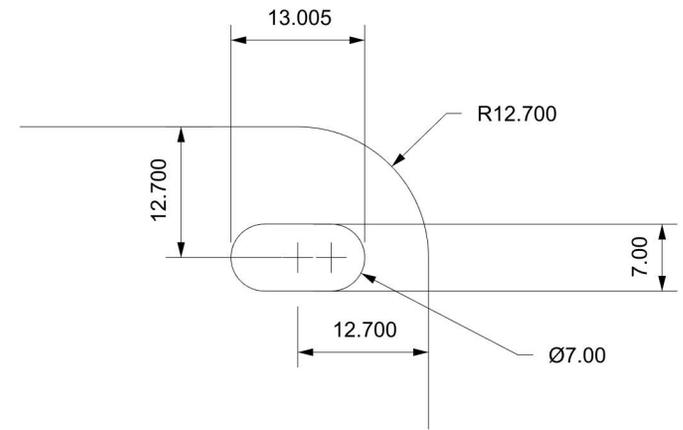
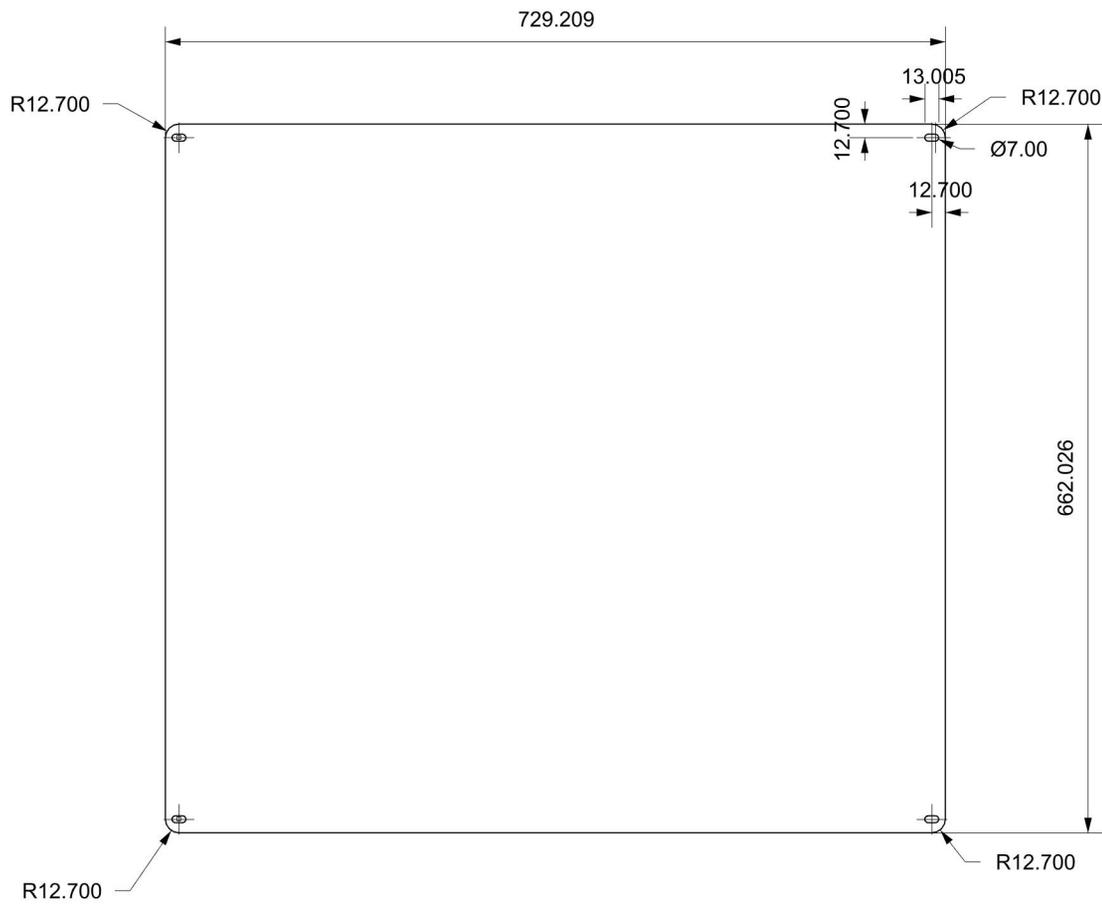
19.05mm Thk. Clear  
Acrylic plate (3/4 in.)

Drawing No. CS010		Date 08/26/2015		Desc. ACRYLIC TOP		F	
Layout No.		Drawn/Checked		Rev:		Ckd.	
Series No.		Tol:		Rev:		Ckd.	
Scale	Units mm	Sheet	Dwg. Sz.	Rev:		Ckd.	



3.175mm Thk.  
Glass mirror (1/8 in.)

Drawing No. CS011		Date 08/26/2015		Desc. GLASS MIRROR <b>G</b>	
Layout No.		Drawn/Checked		Rev:	Ckd.
Series No.		Tol:		Rev:	Ckd.
Scale	Units mm	Sheet	Dwg. Sz.	Rev:	Ckd.



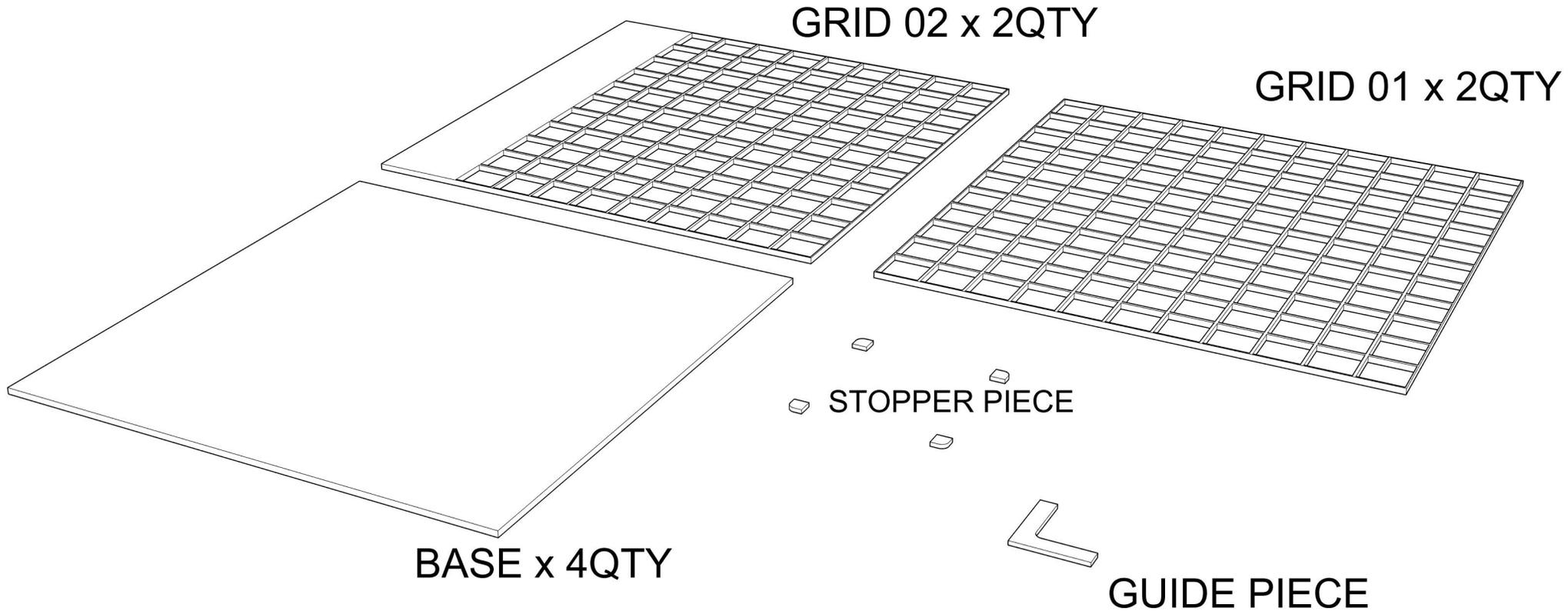
4.76mm thk. ACRYLIC SHEET  
MATTE BLACK (3/16 In.)

Drawing No. <b>CS007</b>		Date <b>8/26/2015</b>		Desc. <b>Side Panel</b>		<b>E</b>	
Layout No.		Drawn/Checked		Rev:		Ckd.	
Series No.		Tol:		Rev:		Ckd.	
Scale	Units <b>mm</b>	Sheet	Dwg. Sz.	Rev:		Ckd.	

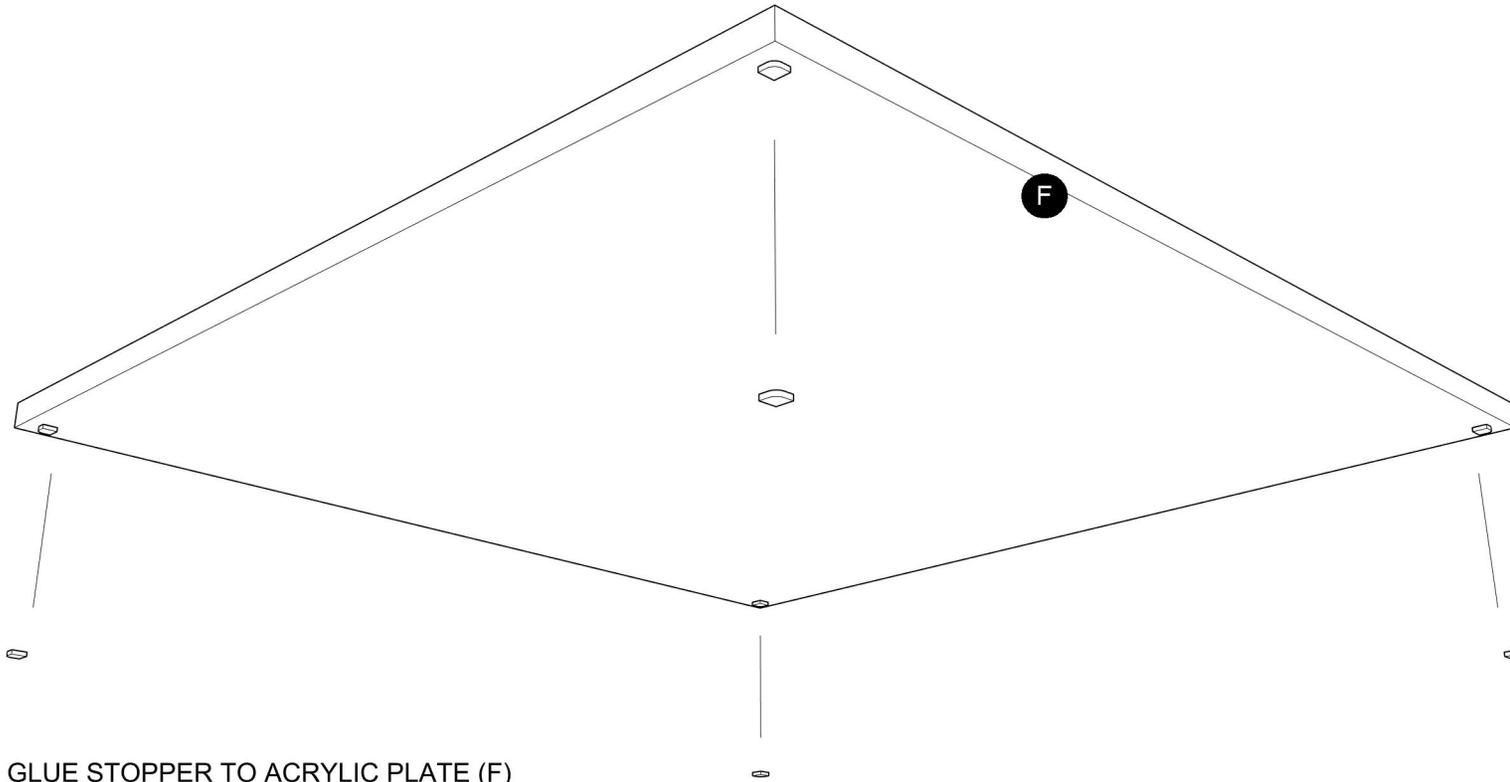
## INSTRUCTIONS TO LASER CUT

ALL FILES ARE PRESENT IN - LASERCUT DRAWINGS FOLDER.

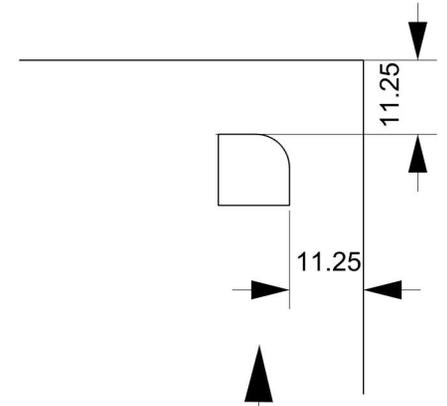
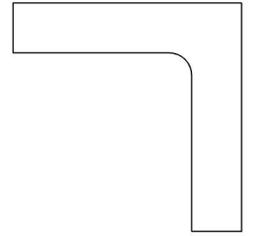
1. LASER CUT GRID 01 AND GRID 02 ON A 1.5MM CLEAR TRANSPARENT ACRYLIC SHEET.
2. LASER CUT REST OF THE FILES ON A 3.175MM CLEAR TRANSPARENT ACRYLIC SHEET.
3. REMOVE ALL PROTECTIVE FILM ON ACRYLIC SURFACE BEFORE DOING ANY GLUEING OPERATIONS.



# INSTRUCTIONS TO GLUE STOPPER TO ACRYLIC PLATE (F)



GUIDE PIECE

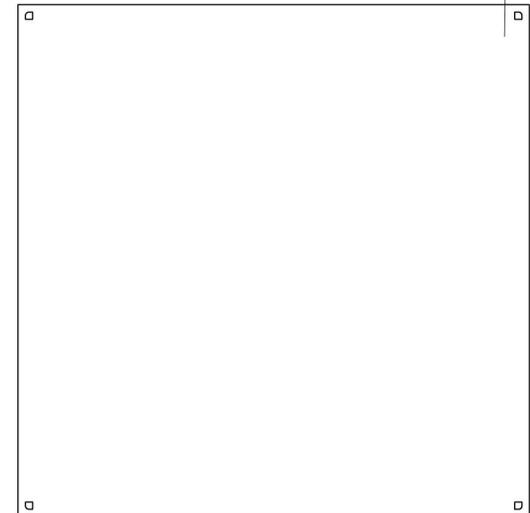


## GLUE STOPPER TO ACRYLIC PLATE (F)

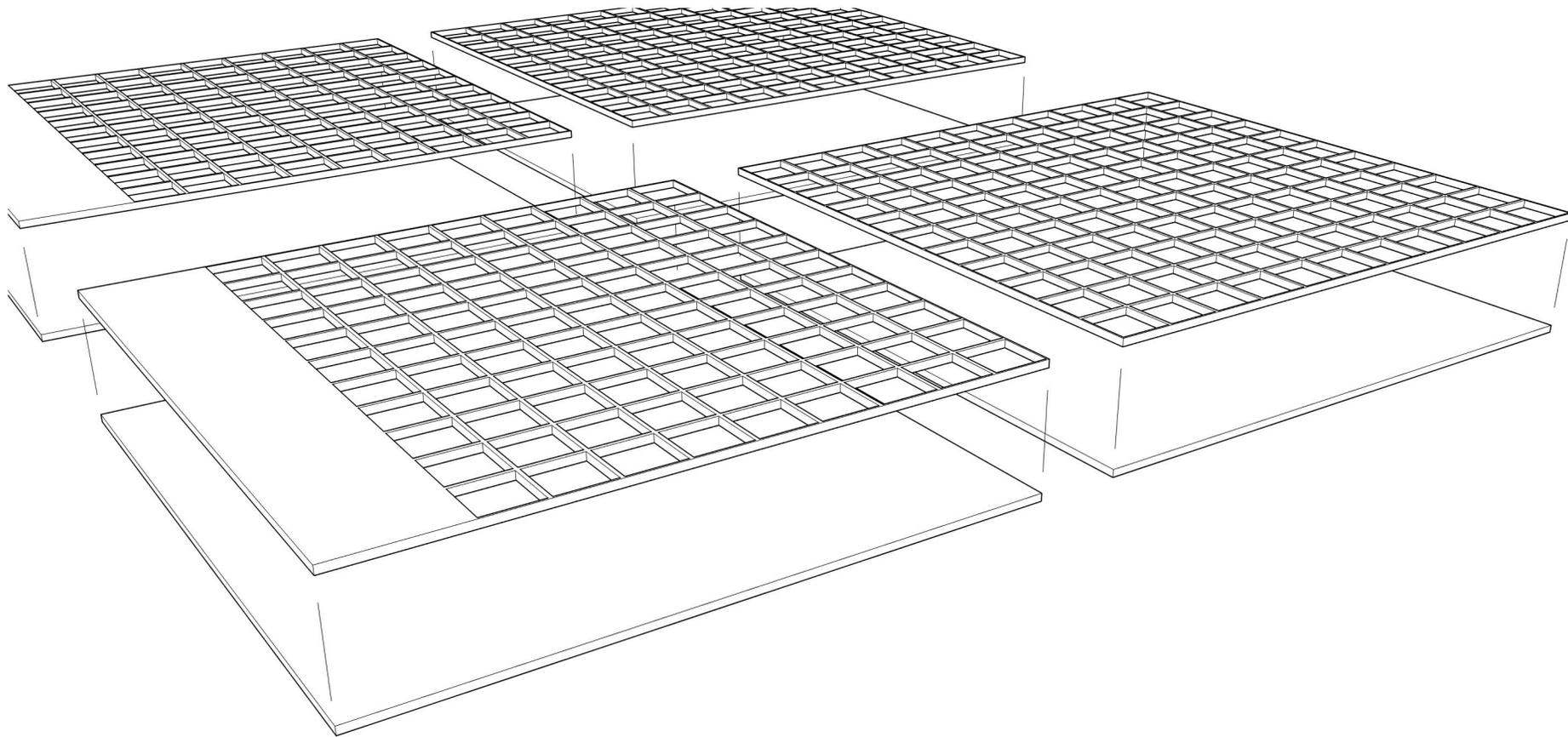
TO PERFORM THIS STEP, YOU SHOULD HAVE LASER CUT ALL THE FILES PROVIDED IN THE "LASERCUT DRAWINGS" FOLDER AND ACRYLIC PLATE(F) MUST BE FABRICATED.

1. PREPARE THE BOTTOM OF THE ACRYLIC PLATE (F) BY REMOVING PROTECTIVE FILM ETC.
2. CLEAN THE SURFACE TO REMOVE DUST.
3. USE THE GUIDE PIECE TO POSITION THE STOPPER PIECE AS SHOWN, ON THE FOUR CORNERS.
4. STICK THE STOPPER PIECE TO THE ACRYLIC PLATE (F) WITH TRANSPARENT ACRYLIC GLUE.
5. WAIT FOR THE GLUE TO DRY COMPLETELY.

NOTE: MAKE SURE THE GUIDE PIECE DOES NOT STICK TO THE ACRYLIC PLATE (F).



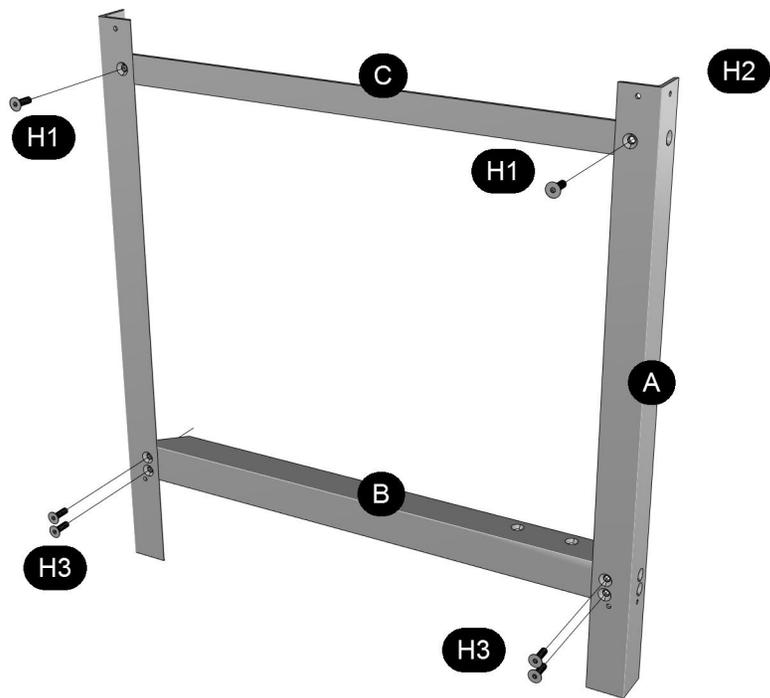
# INSTRUCTIONS TO GLUE GRID TO BASE



## GLUE GRID TO BASE

TO PERFORM THIS STEP, YOU SHOULD HAVE LASER CUT ALL THE FILES PROVIDED IN THE "LASERCUT DRAWINGS" FOLDER.

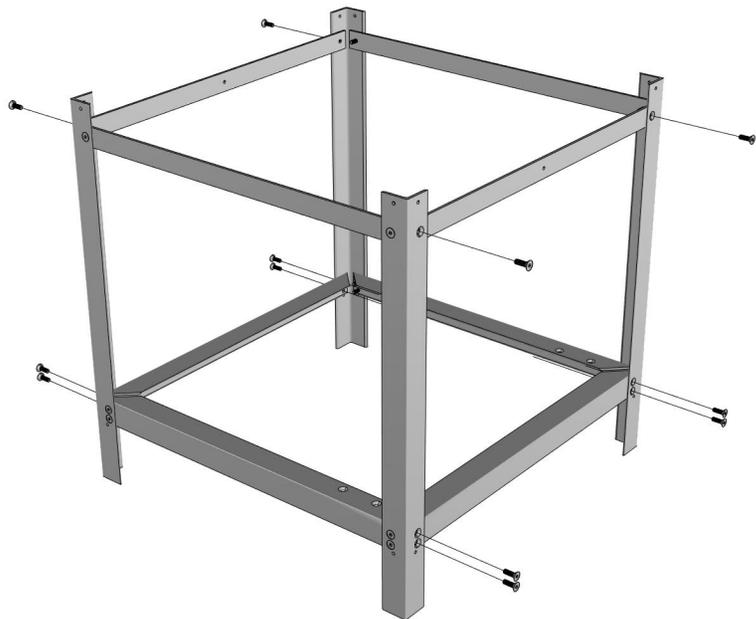
1. PREPARE THE BASE BY REMOVING ANY PROTECTIVE FILM ETC.
2. CLEAN THE SURFACE TO REMOVE DUST.
3. POSITION THE GRID ON TOP OF THE BASE.
4. STICK THE GRID PIECE TO THE BASE WITH TRANSPARENT ACRYLIC GLUE.
5. REPEAT STEPS 1 TO 4 FOR OTHER THREE GRID AND BASE PAIRS.
6. WAIT FOR THE GLUE TO DRY COMPLETELY.



## ASSEMBLY INSTRUCTIONS:

1. FIX ANGLE TIE(B) TO LEGS(A) WITH 4 x BOLTS (H3) - TIGHTEN FULLY.
2. FIX TIE PLATE (C) ONTO LEGS(A) WITH 2 X BOLT(H1) AND NUT(H2) - HAND TIGHTEN. DO NOT TIGHTEN FULLY. MAKE SURE TIE PLATE HAS ITS CENTRAL C-SINK HOLE FACING OUTWARD.

3. REPEAT STEPS 1 AND 2 FOR ANOTHER SUCH ASSEMBLY.



4. FIX ANGLE TIE(B) TO LEGS(A) WITH 4 x BOLTS(H3) ON EACH SIDE- TIGHTEN FULLY.

5. FIX TIE PLATE (C) ONTO LEGS(A) WITH 2 x BOLT(H1) AND NUT(H2) ON EACH SIDE - HAND TIGHTEN. DO NOT TIGHTEN FULLY.

## ASSEMBLY INSTRUCTIONS:

6. PLACE THE ACRYLIC PLATE (F) ONTO THE LEGS AS SHOWN ON THE LEFT. MAKE SURE THE STOPPER PIECES COME ON THE INSIDE OF THE LEGS.

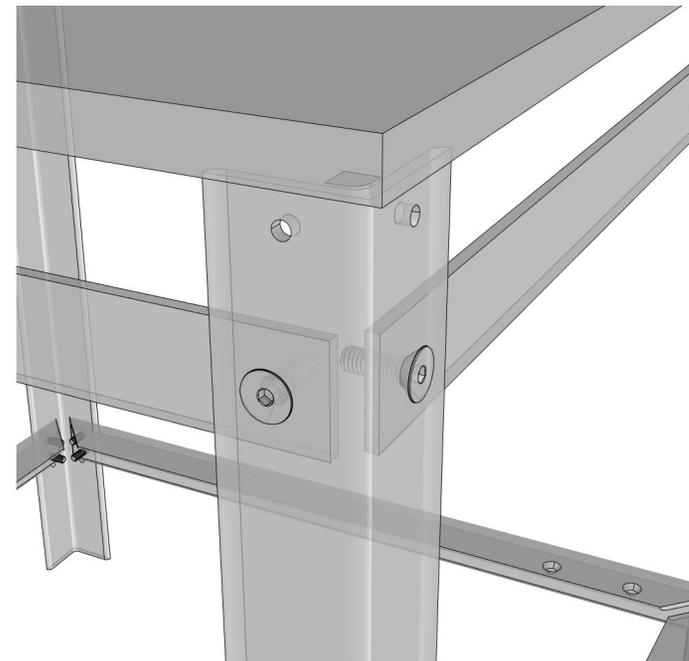
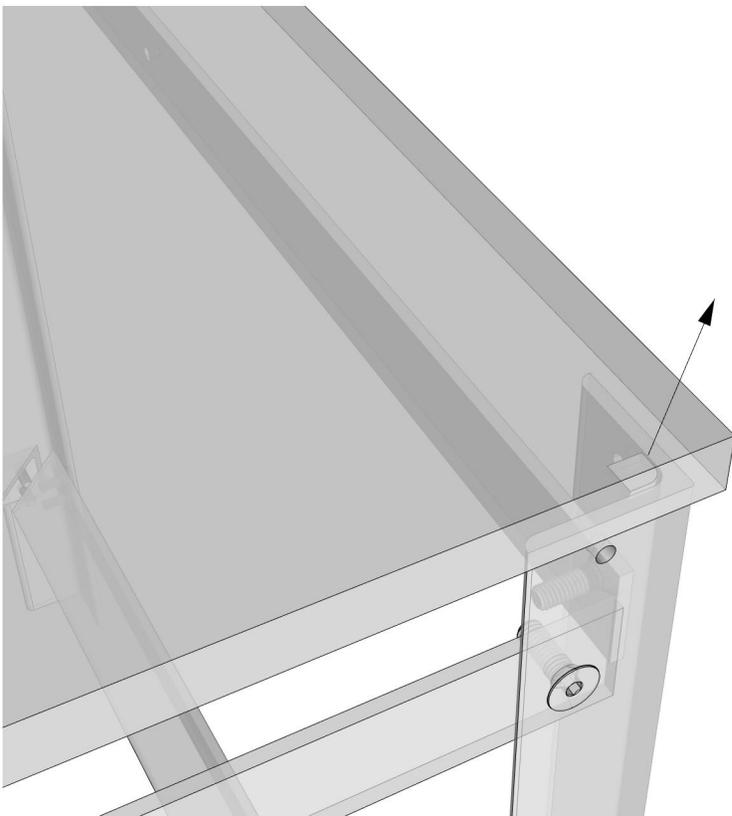
7. MOVE THE TOP PART OF ONE LEG TO TOUCH THE STOPPER PLATE AS SHOWN IN THE BOTTOM LEFT.

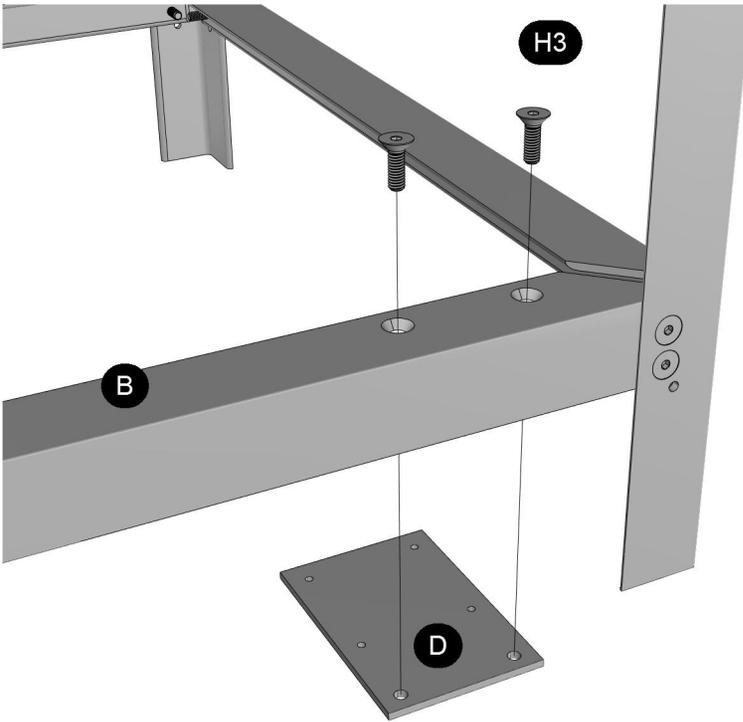
8. TIGHTEN THE TWO BOLTS (H1) AND NUTS (H2) OF THE CORRESPONDING LEG SHOWN BELOW.

9. REPEAT STEPS 7 AND 8 FOR OTHER THREE LEGS.

10. CHECK IF THE ACRYLIC PLATE (F) IS FIRMLY SEATED ON THE METAL SCTRUCTURE.

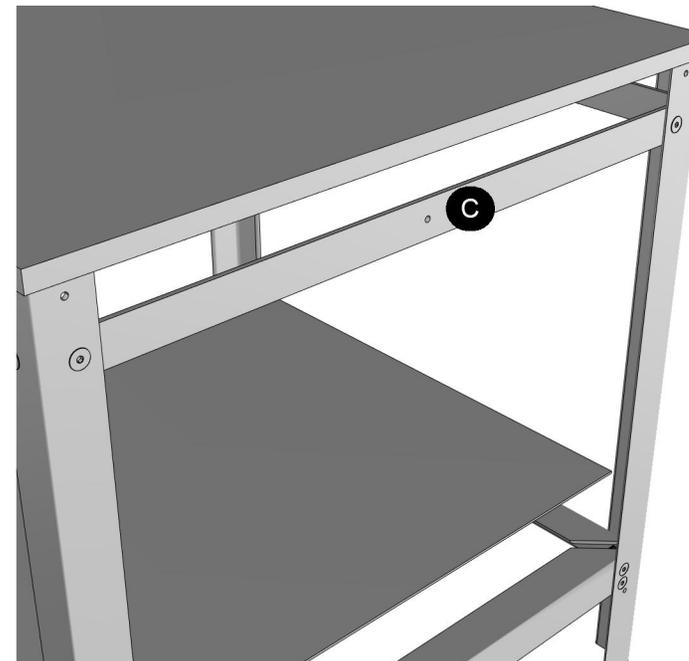
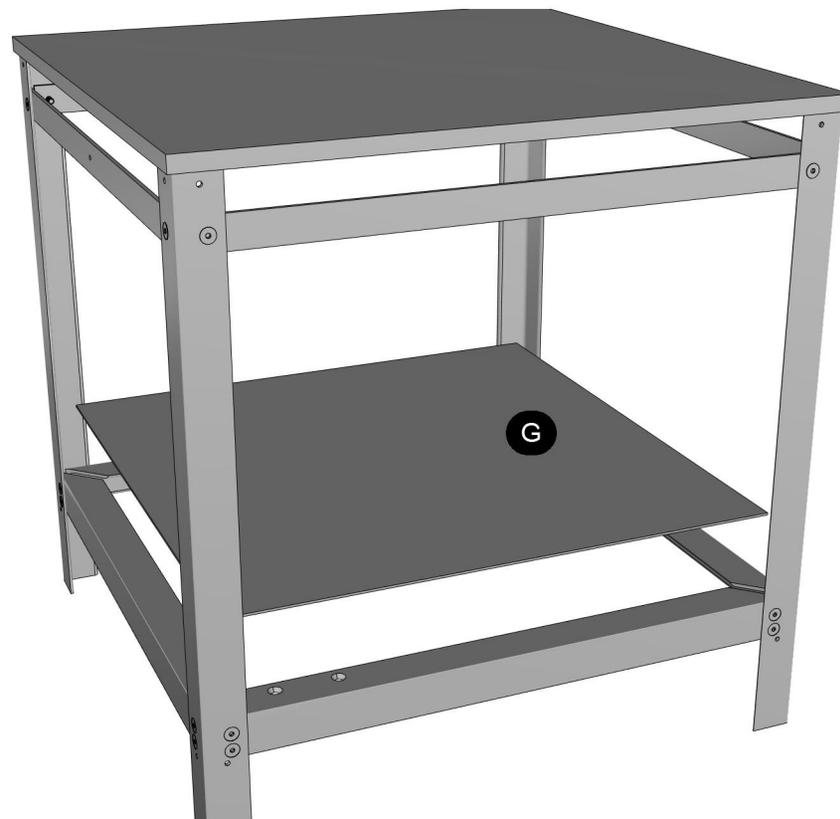
11. CHECK STABILITY OF TABLE AND TIGHTEN BOLTS TO ACHIEVE THE STABILITY.



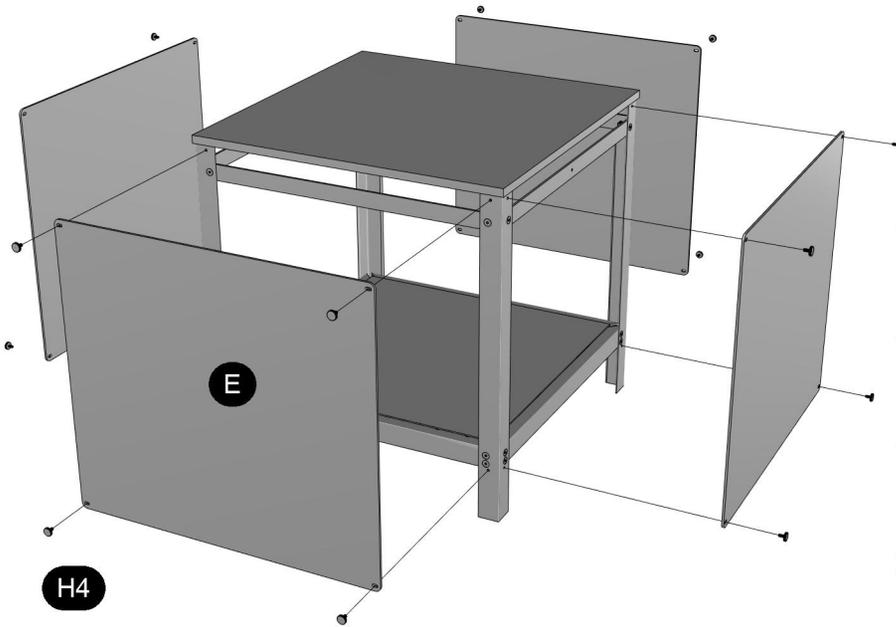


## ASSEMBLY INSTRUCTIONS:

12. FIX GIGABYTE BRIX VESA MOUNTING BRACKET ONTO MOUNTING PLATE (D) WITH SCREWS PROVIDED ON GIGABYTE PACKAGING.
13. FIX MOUNTING PLATE (D) ONTO ANGLE TIE (B) WITH BOLT (H3) AS SHOWN ON THE LEFT. TIGHTEN FULLY.
14. PLACE GLASS MIRROR (G) ONTO FRAME FORMED BY FOUR ANGLE TIES (D) AS SHOWN ON THE BOTTOM LEFT. CAREFULLY INSERT THE MIRROR DIAGONALLY INTO THE FRAME FOR THIS.
15. MOUNT WEBCAM ON THE INSIDE FACING DOWNWARD ONTO TIE PLATE (C) USING SCREW (H5) SHOWN BELOW.



## ASSEMBLY INSTRUCTIONS:



16. FIX THE WIRE MANAGEMENT STRIP ON THE INSIDE OF THE LEG CLOSER TO THE WEBCAM.

17. ROUTE THE WEBCAM CABLE THROUGH THIS AND CONNECT TO THE GIGABYTE.

18. MOUNT THE SIDE PANEL (E) ONTO THE FRAME WITH THUMB SCREWS (H4) AS SHOWN ON THE LEFT.

19. REPEAT STEP 18 FOR OTHER THREE SIDES - IMAGE SHOWN ON BOTTOM LEFT.

20. PLACE THE FOUR GRID PLATES ON TOP OF THE ACRYLIC PLATE - IMAGE SHOWN BELOW.

