

OCTAGONAL LEISURE ROOM ASSEMBLY



OCTAGONAL LEISURE ROOM

Complete Field Assembly Instruction Guide



For assistance Call:
1 (207) 795-6536

Futureguard Building Products
101 Merrow Road, Auburn, Maine 04210
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BEFORE YOU BEGIN:

- 1 Unbox all components and hardware. Lay out in an organized manner to ensure all components are present.
- 2 It is paramount that the building surface is level and flat. If the room foundation is out of square, is not level or is not flat, the walls will rack out of plumb. If a level surface is not available, you will be required to use shims to ensure the panels are level.
- 3 Plan your layout. Make sure the required panels are assembled in their appropriate location.

Pro Tip- *If you have access to a Skylift, skip to the roof assembly section, build the roof structure first, use your Skylift to lift the roof structure from the center cupola ring, assemble the walls under the suspended roof structure and then lower it onto the walls and secure. Contact SummerSpace for mor information.*



WALL CONSTRUCTION:

- 1 Measure and mark the outside corner locations of the room on the patio or deck where the structure will be assembled.
- 2 Use your chalk line to connect the corner marks, creating the outside footprint of the room. Check that it is square before proceeding.
- 3 Start in a corner opposite the door.

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4

Remove the **FG200** and **FG201** vertical fastener channel covers in the sliding window section.



5

Connect the panels with a **FG212** corner tube. Fasten using 2 (two) **F27** Allen bolts in the pre-drilled locations in the sliding window section. Do not over tighten! Maximum of 10ft/lbs! Hand tools only recommended!



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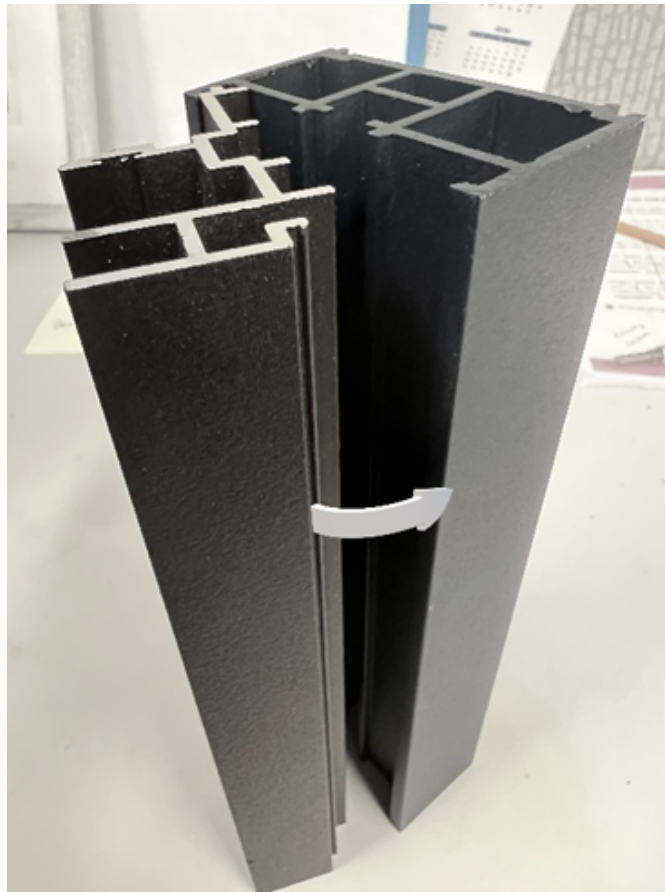
Prep and attach the second panel in the same fashion as step one, completing that corner.

7

Continue this process around the room until the structure is complete.

8

Install **FG200 & FG201** Fastener Channel Covers. From the outside of the room, place the cover into its inner channel, then snap the outer into place.



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Install the doors by inserting the top of the door into the upper door track and placing the bottom of the door on the appropriate fin.

- The brush pile will always be located at the TOP of the door.
- Orient the doors so that the handle mechanism will interact properly with the latch.

10

Install the handle on the door in the pre-drilled location. Insert the screws using the square drive bit.

- Orient so that the key slot is on the outside of the panel and the lock mechanism will interact properly with the latch.



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11

Install the door latch. Using the 1/8 drill bit, drill two holes for the screws that will secure the Latch to the channel cover. Insert the screws using the square drive bit, but do not tighten



12

Adjust the Latch to the proper height to capture the door handle mechanism, then fully tighten the screws.



SECURE THE PANELS TO THE FOUNDATION

- 1 Remove the gasket on the **bottom** rail inserts of the kickplate section of each panel. Be sure to note the orientation of the gaskets in the extrusion for later reinstallation.



- 2 Remove the rail cover inserts by pressing the top of the cover inwards towards the glass or aluminum plate, the cover should easily snap free.



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3

Place 3 evenly spaced fasteners directly in the v-notch in the bottom of each panel.

- Drill up to ¼" clearance holes as needed through the center of the v-notch in the lower rail.



4

Reinstall the rail cover. Place the cover into its inner channel and press the front of the cover down until it snaps into place.



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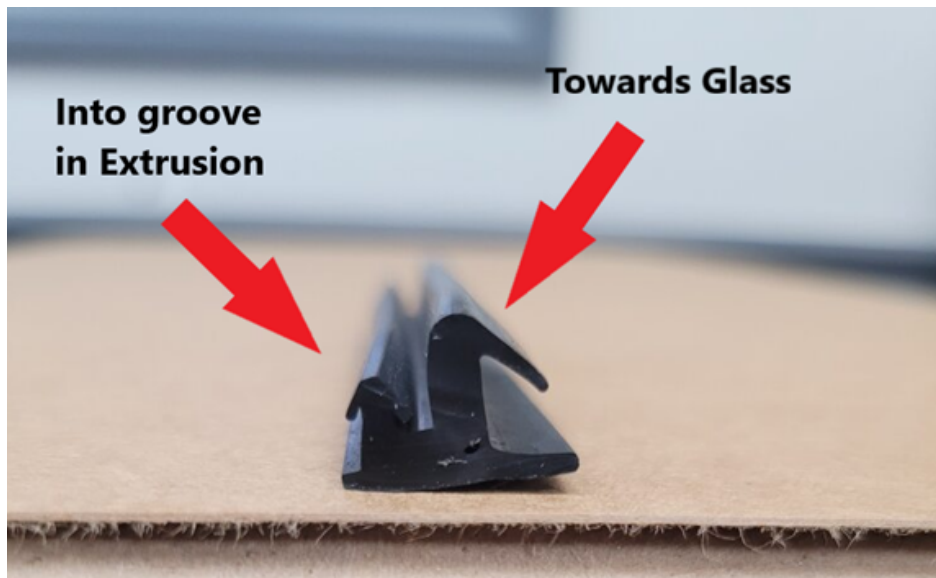
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Reinstall the gaskets. Press them into place, making sure the smaller spline fits into the groove in the cover and the larger spline is towards the glass or aluminum kick plate.



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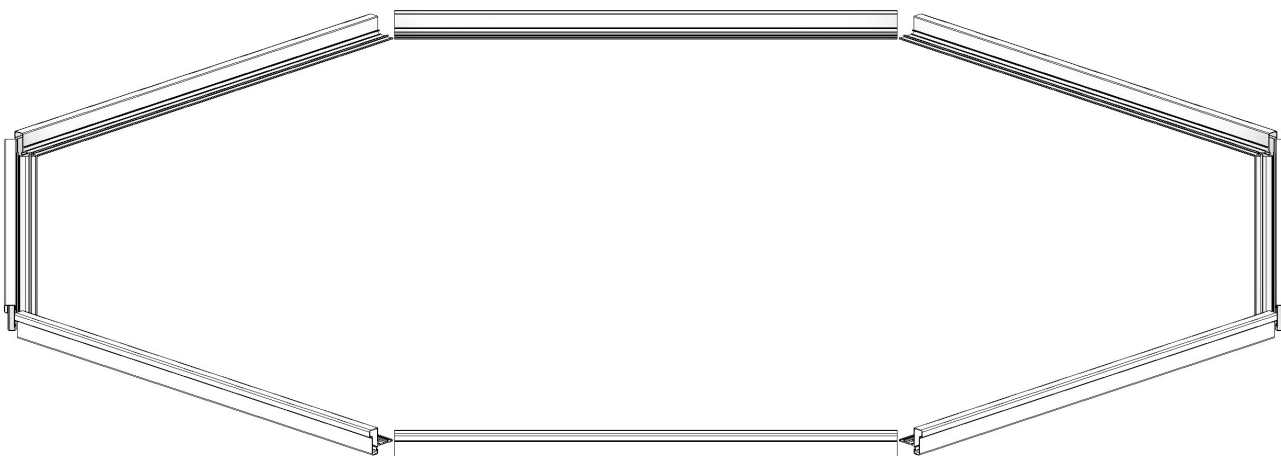
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ROOF ASSEMBLY:

1

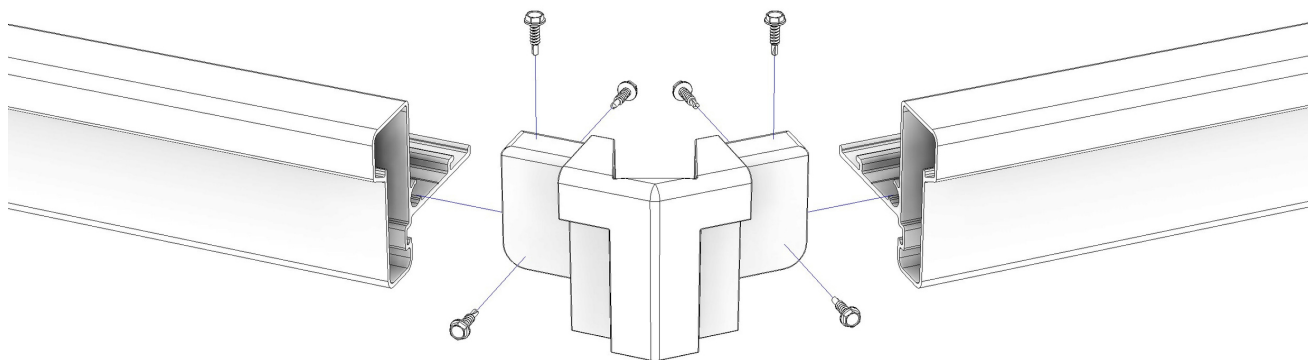
Lay out all eight Soffit pieces in an octagonal shape where the Cabana will be assembled.



2

Insert **G1** Corner Castings into the end of each Soffit, connecting them so that the upper screw locations are facing inside the rink

● Predrill pilot holes in the marked locations on each Soffit, then secure with six **F9** self-drilling screws.



Pro Tip - Start with the top fastener to help keep the soffit and corner 90 flush.

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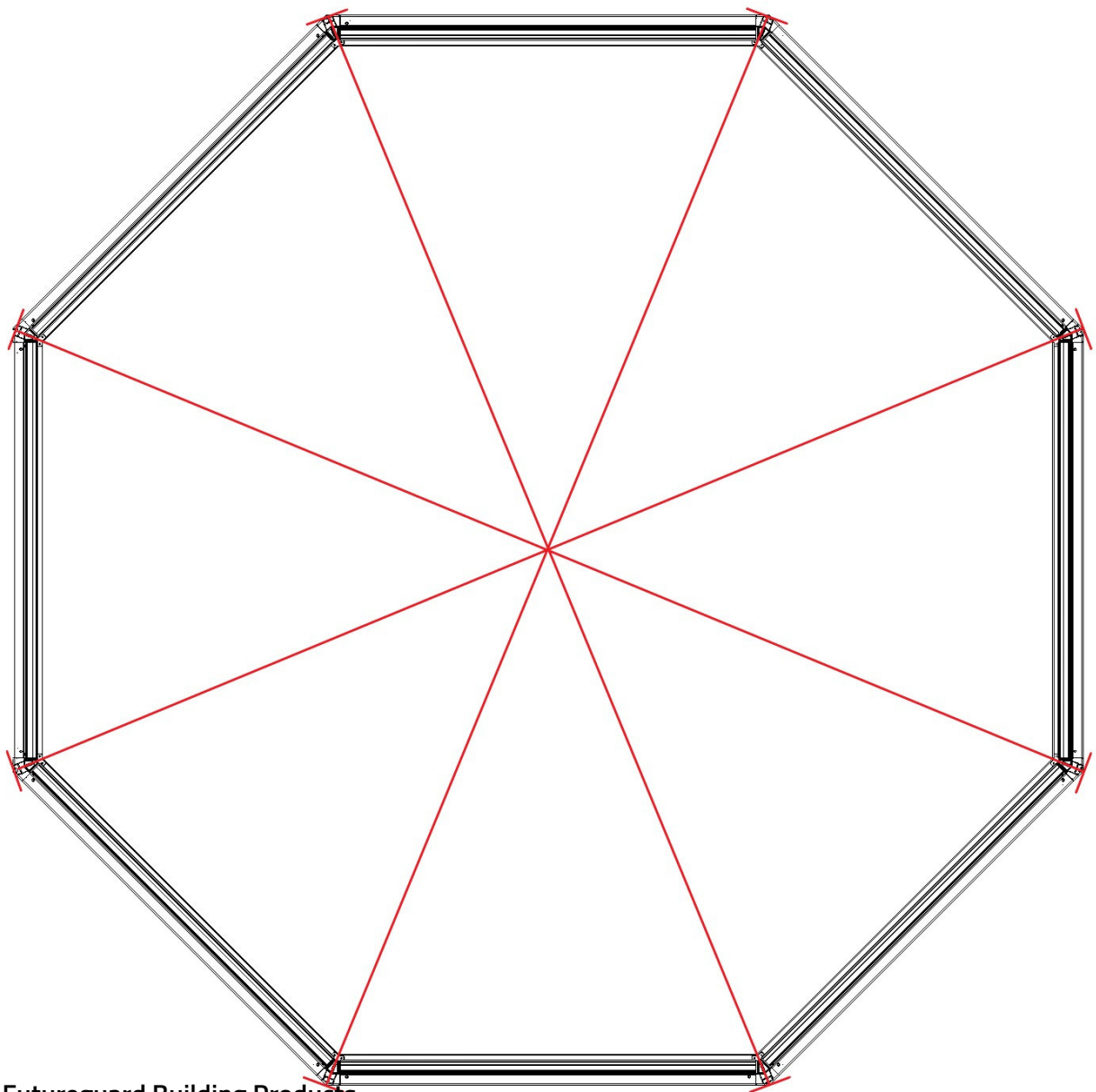
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3

Square the frame on the ground by measuring diagonally, from opposite corner to opposite corner. The measurements should be exactly the same for each corner, if not shift the frame until those measurements match.



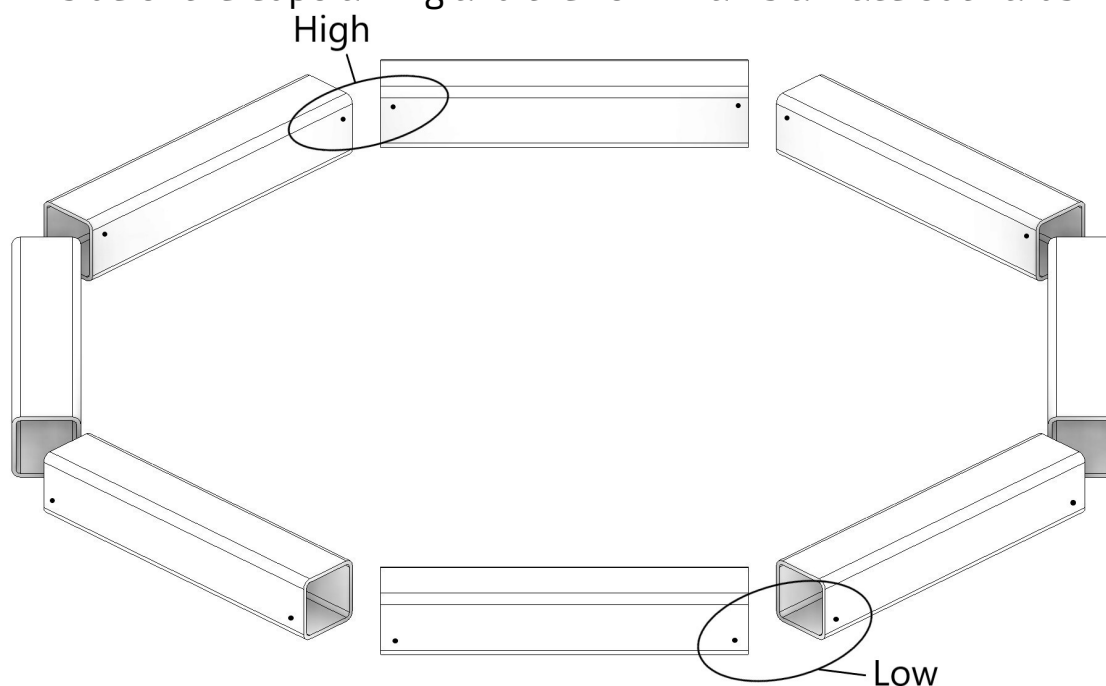
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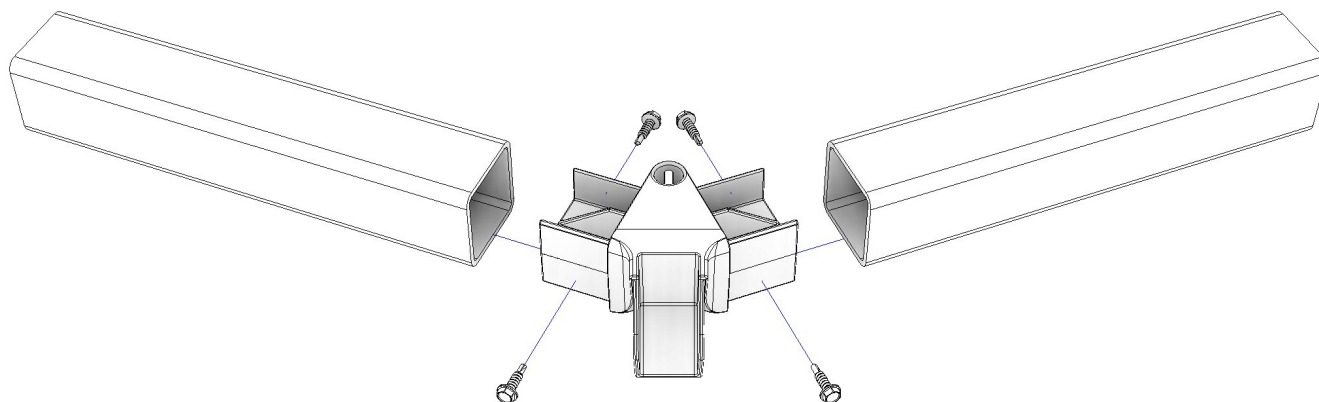
Lay out the eight Cupola Ring Side pieces in an octagonal shape in the center of the structure. The pieces are marked for screw locations; be sure that each piece is positioned so that the 'high' marks are on the inside of the Cupola Ring and the 'low' marks all face outwards.



5

Connect the Cupola Ring using the **H1** Cupola Ring Corners.

- Predrill pilot holes in the marked locations on each **B3** Cupola Ring Side, then secure with four **F9** self-drilling screws



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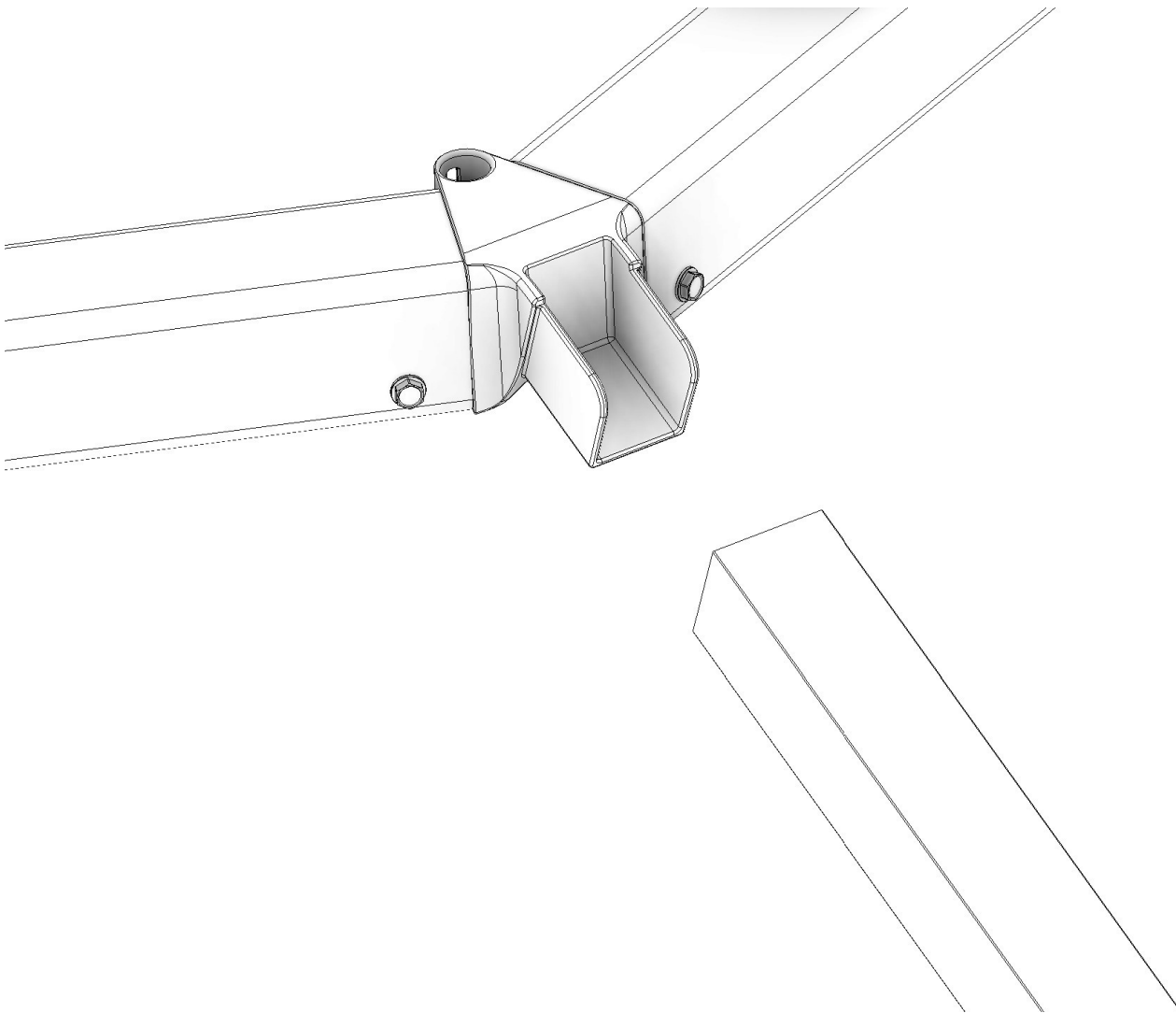
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6

Line up each Hip Rafter into its outside **G1** Soffit 135 so that the screw hole is facing up. Then, working in a diagonal X pattern, slip the end of each onto its corresponding **H1** Cupola Ring 135. The roof should start to take shape.



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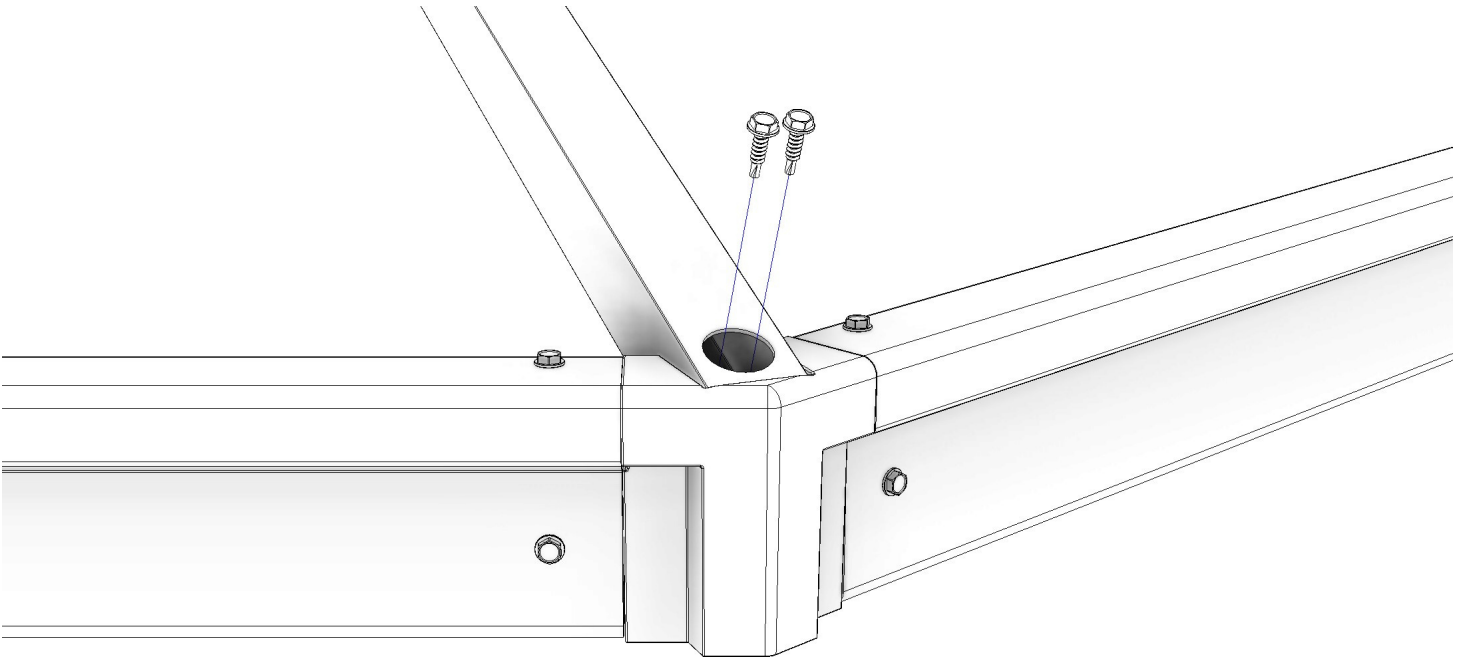
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7

Ensure the Hip Rafter is fully nested into each **G1** Soffit corner 135, and secure with two **F9** self-drilling screws.



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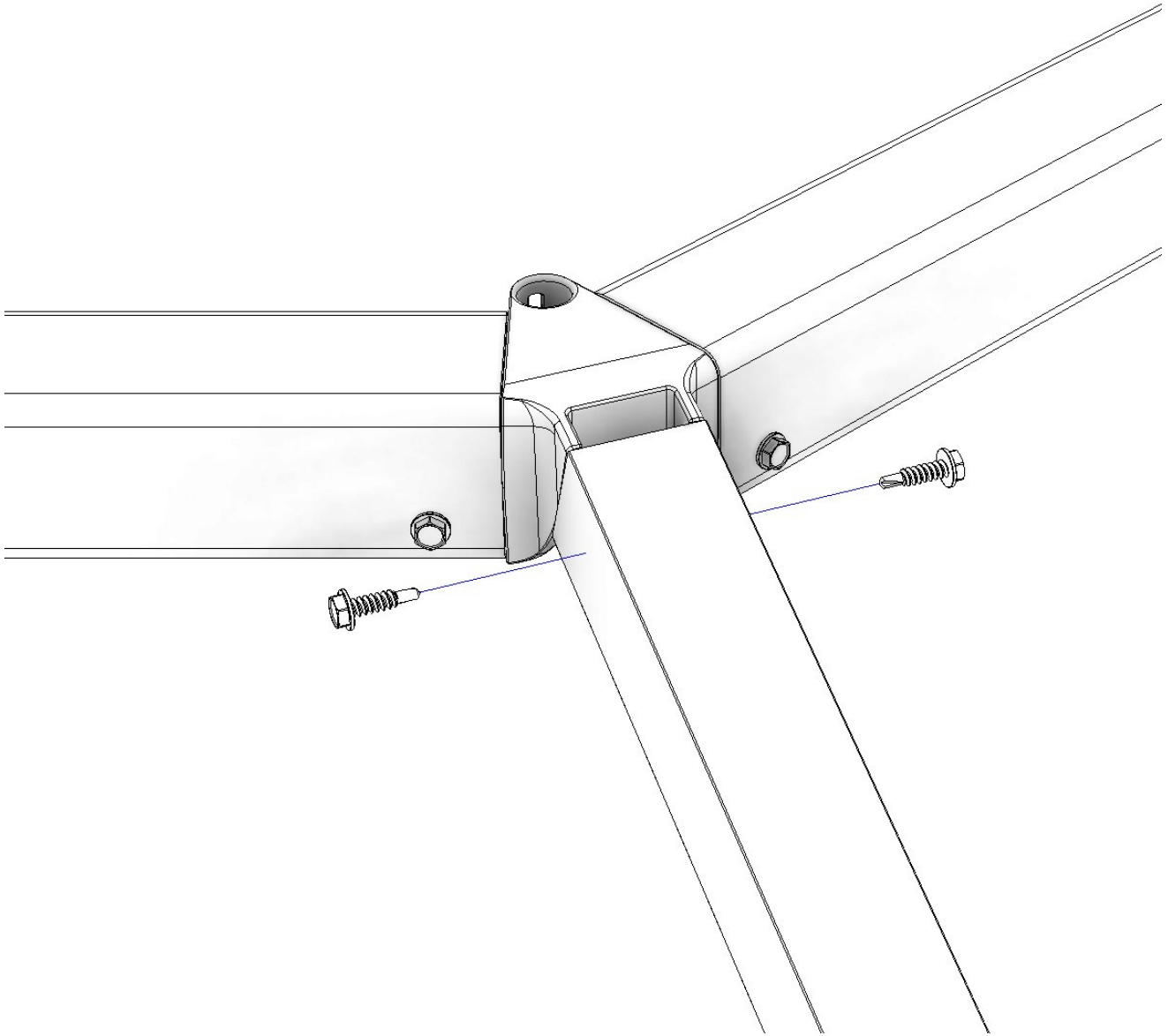
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8

Ensure that each Hip Rafter is fully seated onto its corresponding **H1** Soffit Corner 135, drill pilot holes, and secure with two **F9** self-drilling screws each.



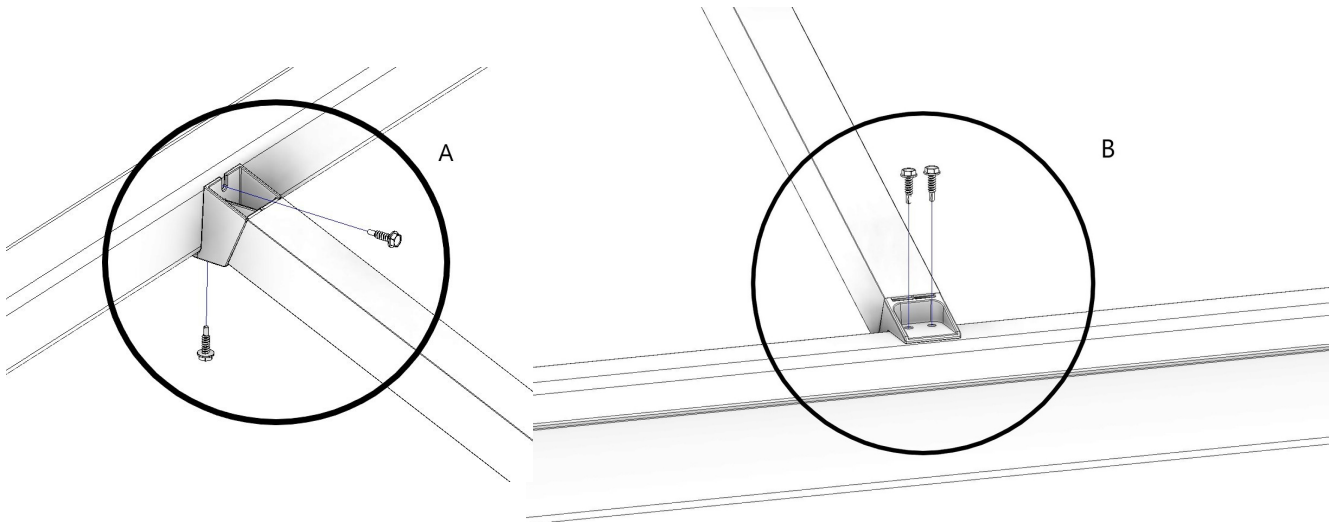
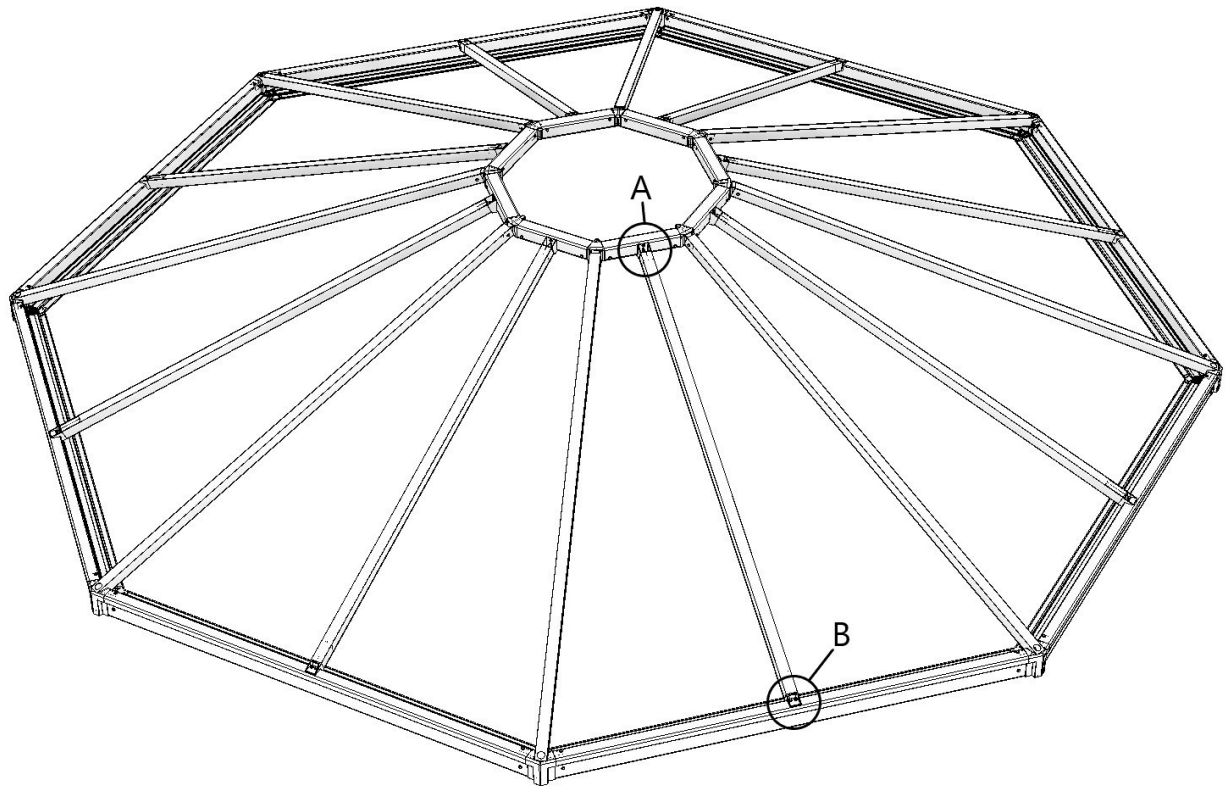
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Lay out the eight Common Rafters on the center mark of the Soffit, and the Cupola Ring. Secure using F9 self-drilling screws.



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10

Ensure that the roof is centered on the panels, and that the panels are square and aligned to the chalk line.

There will be a slight overhang on all sides.

11

Fasten using **F9** self-drilling screws on the v-notch on top of the soffit.

Be sure to only screw into the upper horizontal section of the panel.

Use 3 fasteners per panel. Two at each end, and one in the center.



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12

Starting in the center of the frame, lay the **J** Top Fabric on one side of the Cupola Ring.

13

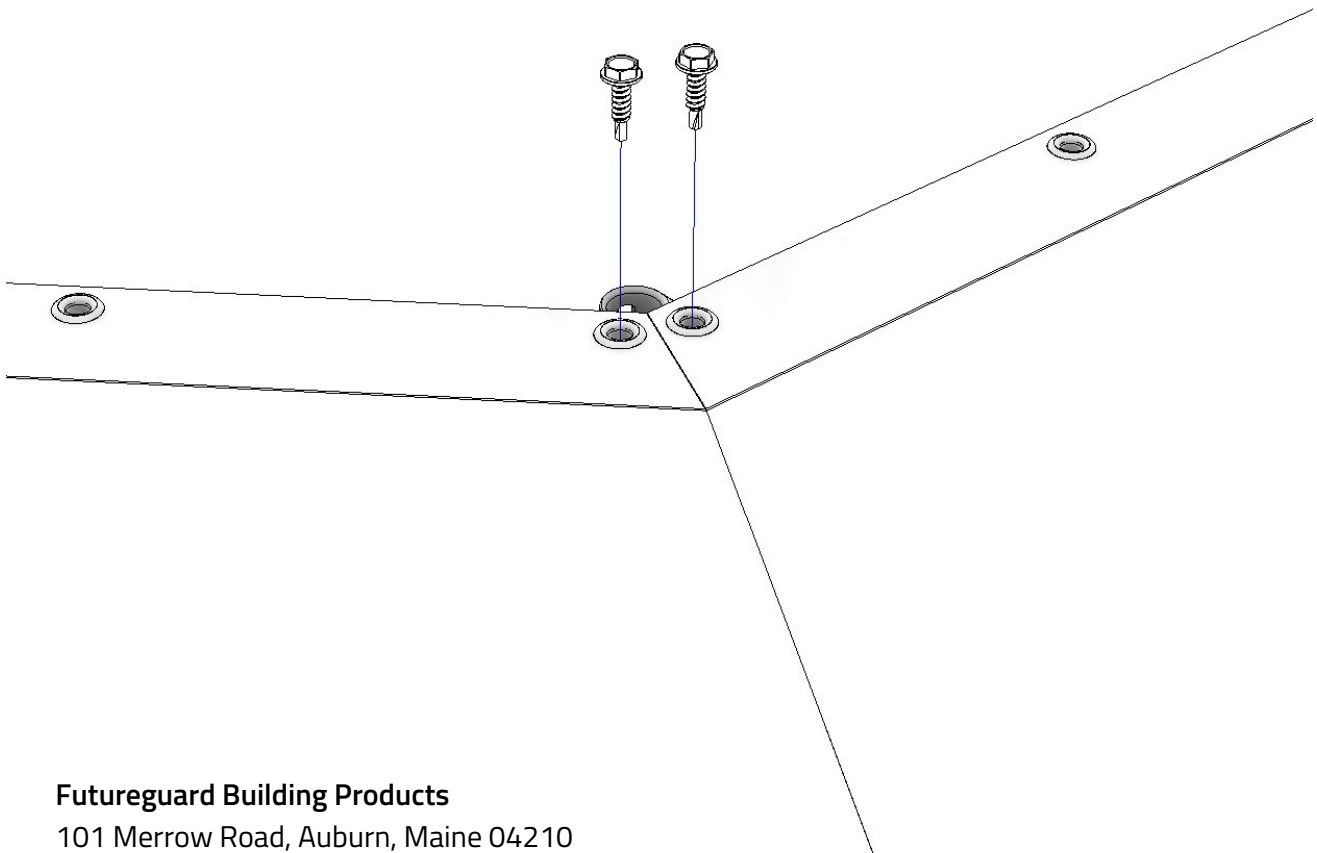
Unfold the **J** Top Fabric down one face of the roof, and center the opening on the Cupola Ring.

14

Align the inner corners of the Fabric directly over the center of the **H1** Cupola Ring 135's so that the Fabric seams run straight down the center of the Hip Rafters.

15

Secure the top of the Fabric to the **H1** Corner with **F9** self-drilling screws through the grommet on either side of the seam.



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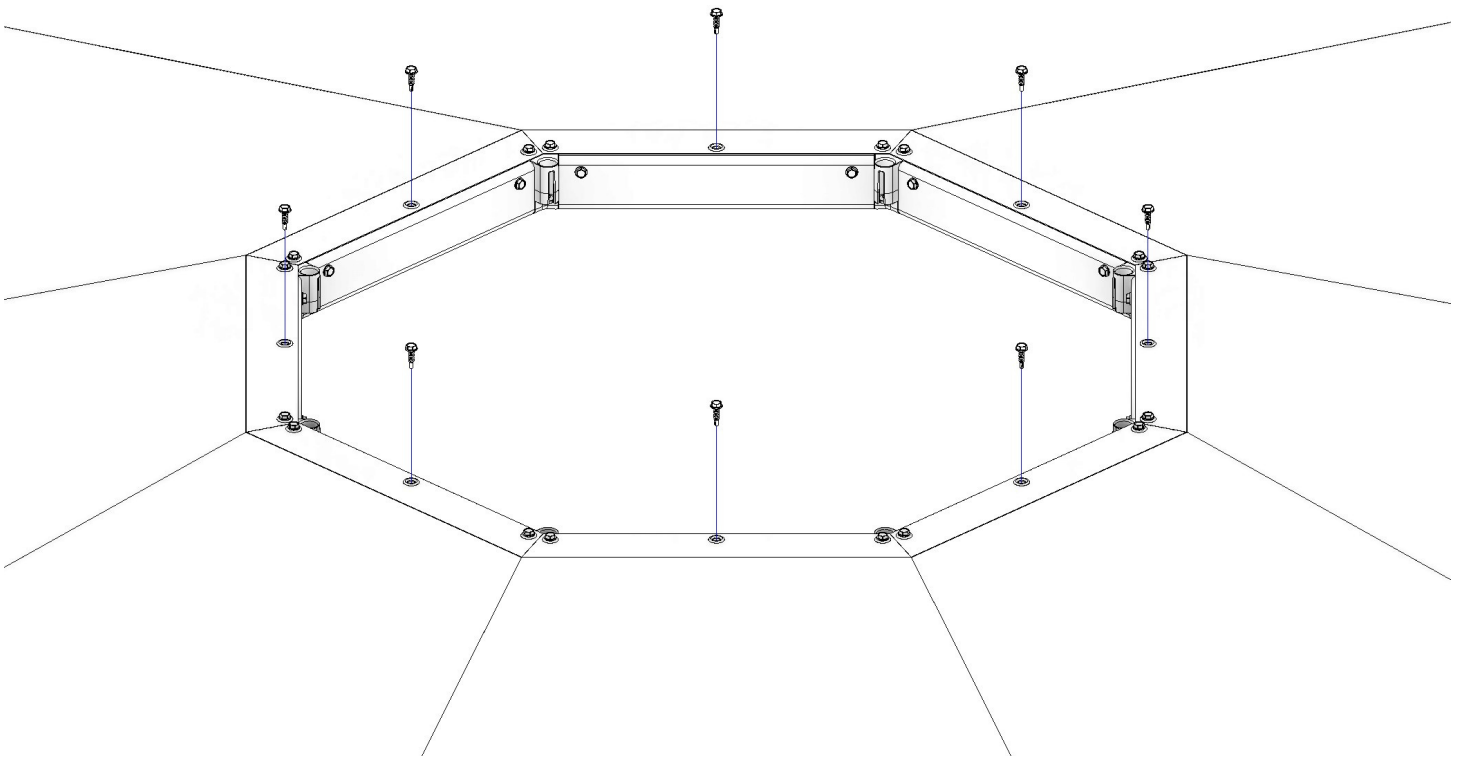
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Once all eight corners are secure, fasten the Fabric through the grommets at each Common Rafter location using **F9** self-drilling screws.



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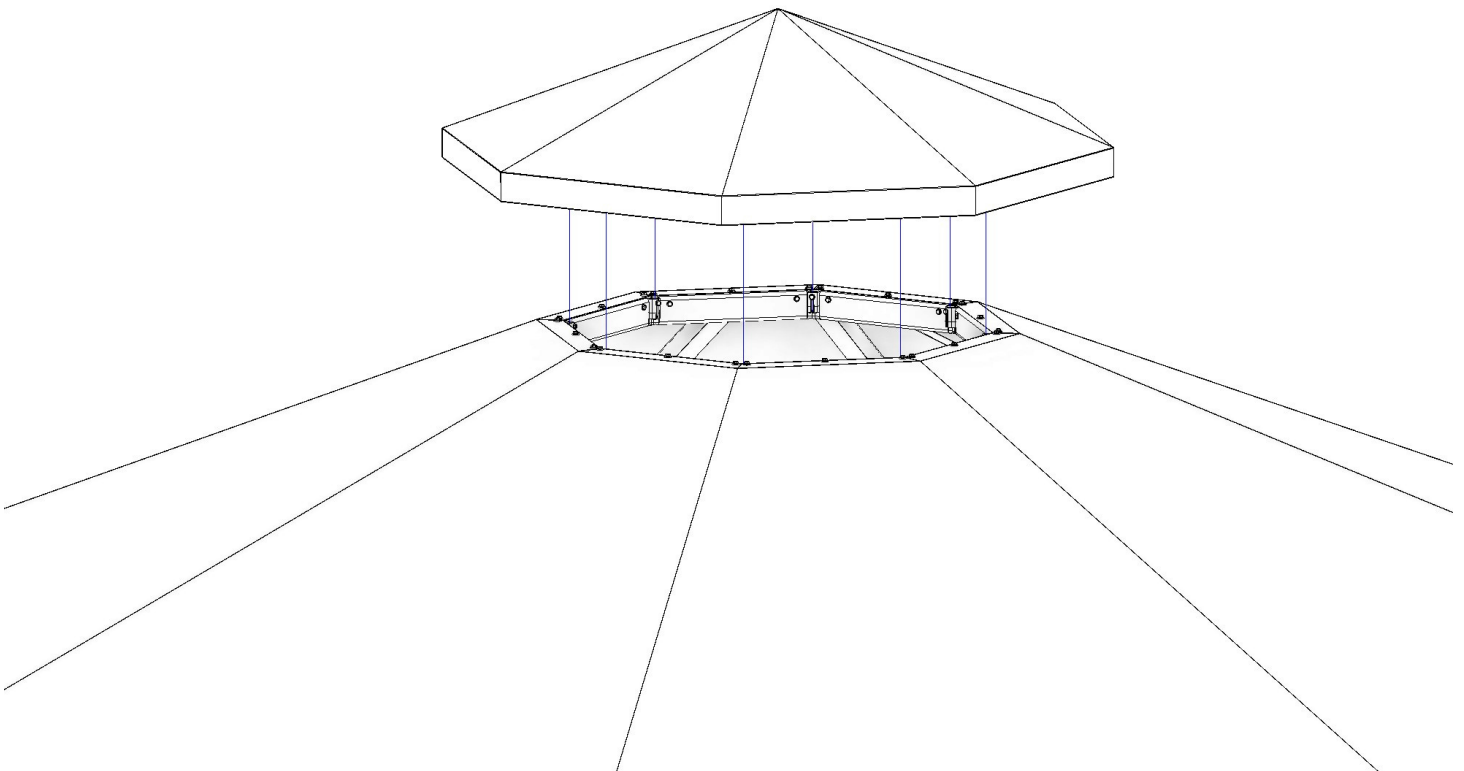
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17

Place the K Cupola Assembly from above. Stand on a ladder in the center of the Cabana, and have your partner pass the Cupola to you from the side.

Pro Tip - Keep the Cupola top upside down while passing it over the Cabana, then flip it upright just before setting it in place. This will prevent the mounting rods from contacting the Cabana top and eliminate the possibility of damage to the Fabric



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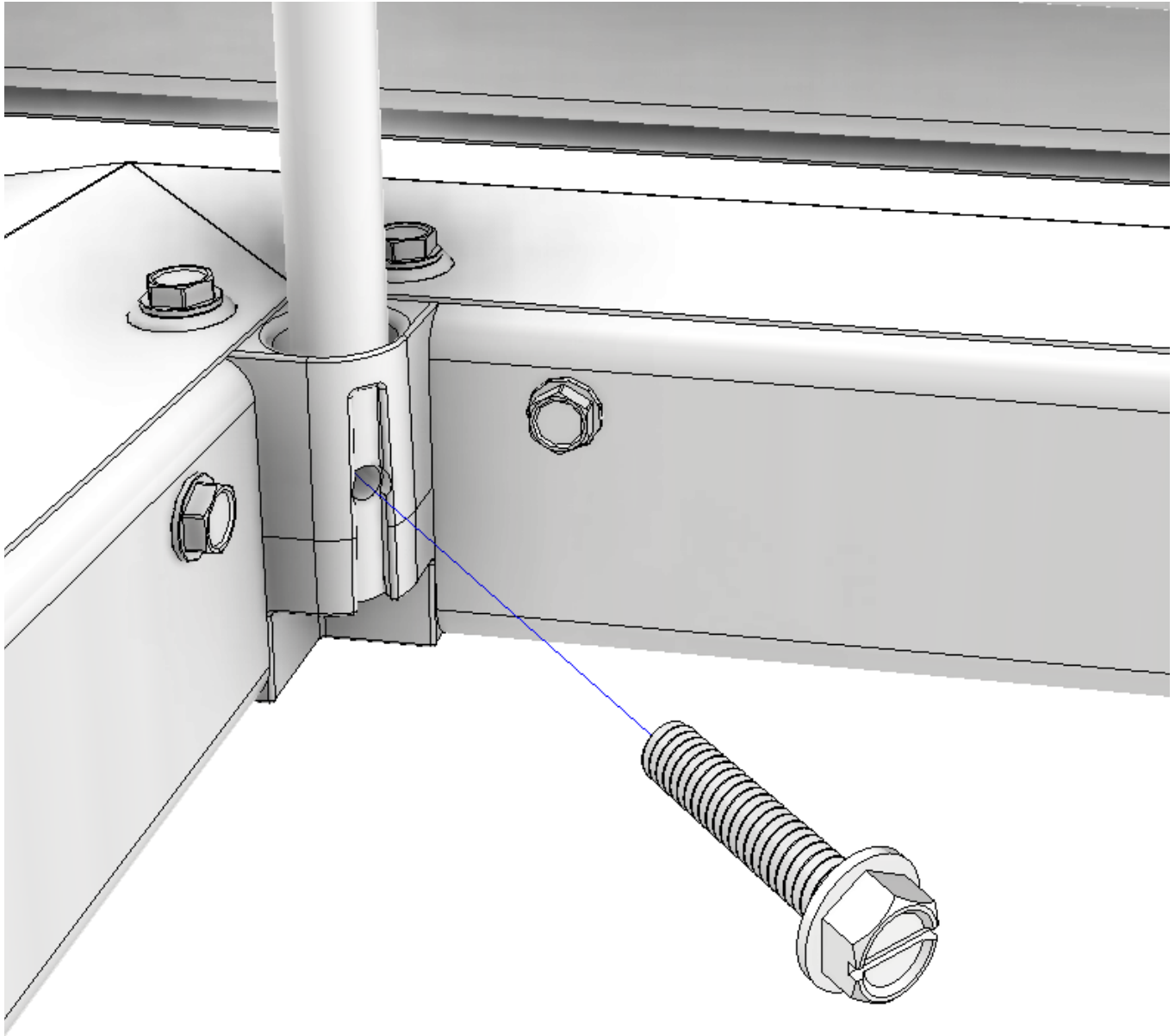
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18

Insert the Cupola's mounting rods into their pockets in the Cupola Ring, then secure with **F11** self-drilling screws.



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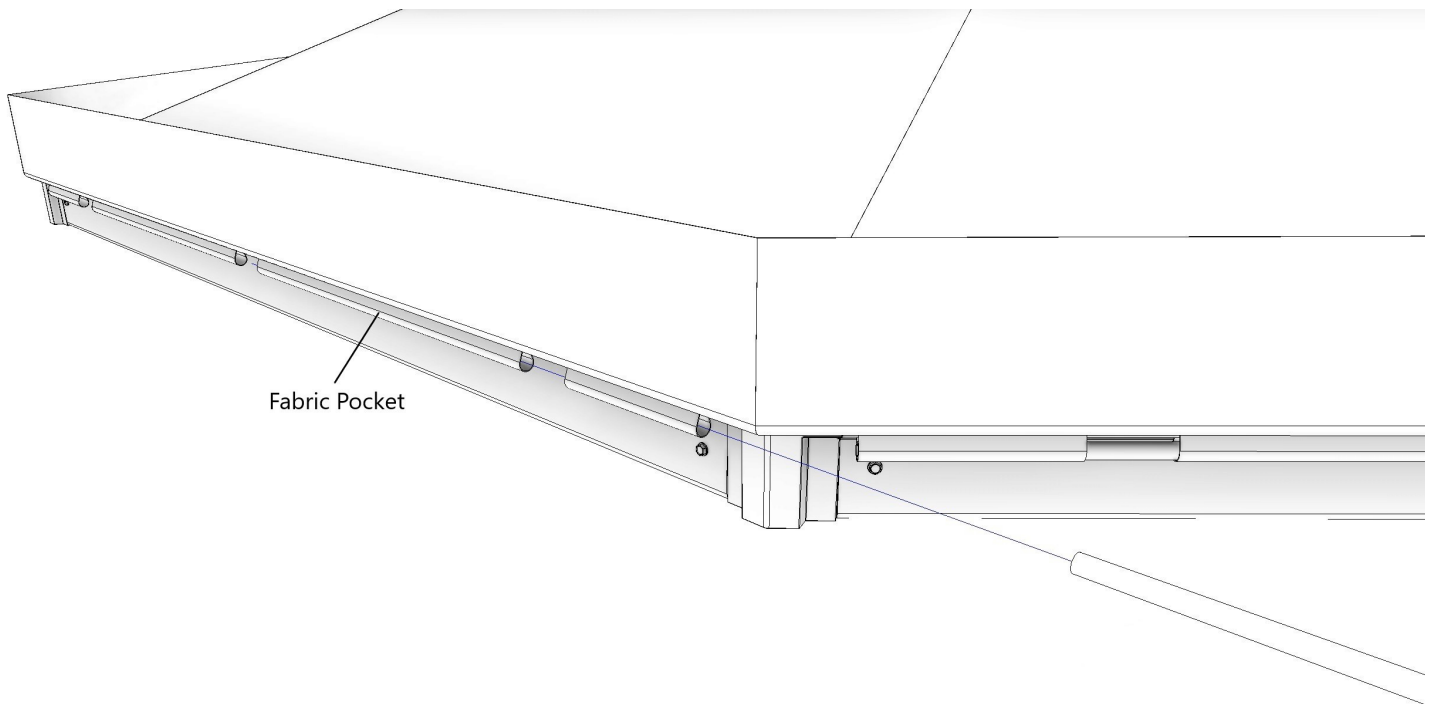


19

Drape the Top Fabric over the outer edges of the roof system. Pull the corners into place over the frame.

20

Insert the eight Tension Rods into the fabric pockets under the valance. Take your time, making sure to capture each pocket. The rod should be perfectly flush with the end of the last pocket.



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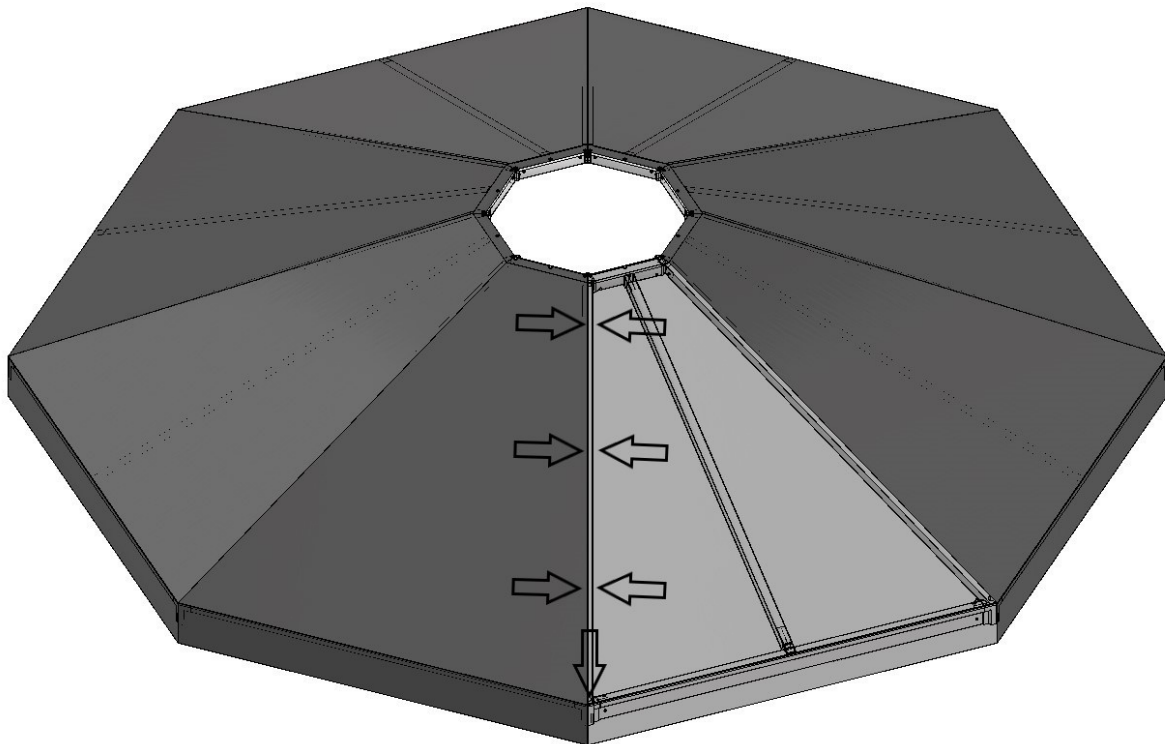
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21

Ensure proper alignment of all corners of the Fabric, so that they are centered on the **G1** Soffit Corners and the Fabric seams are centered on the Hip Rafters.



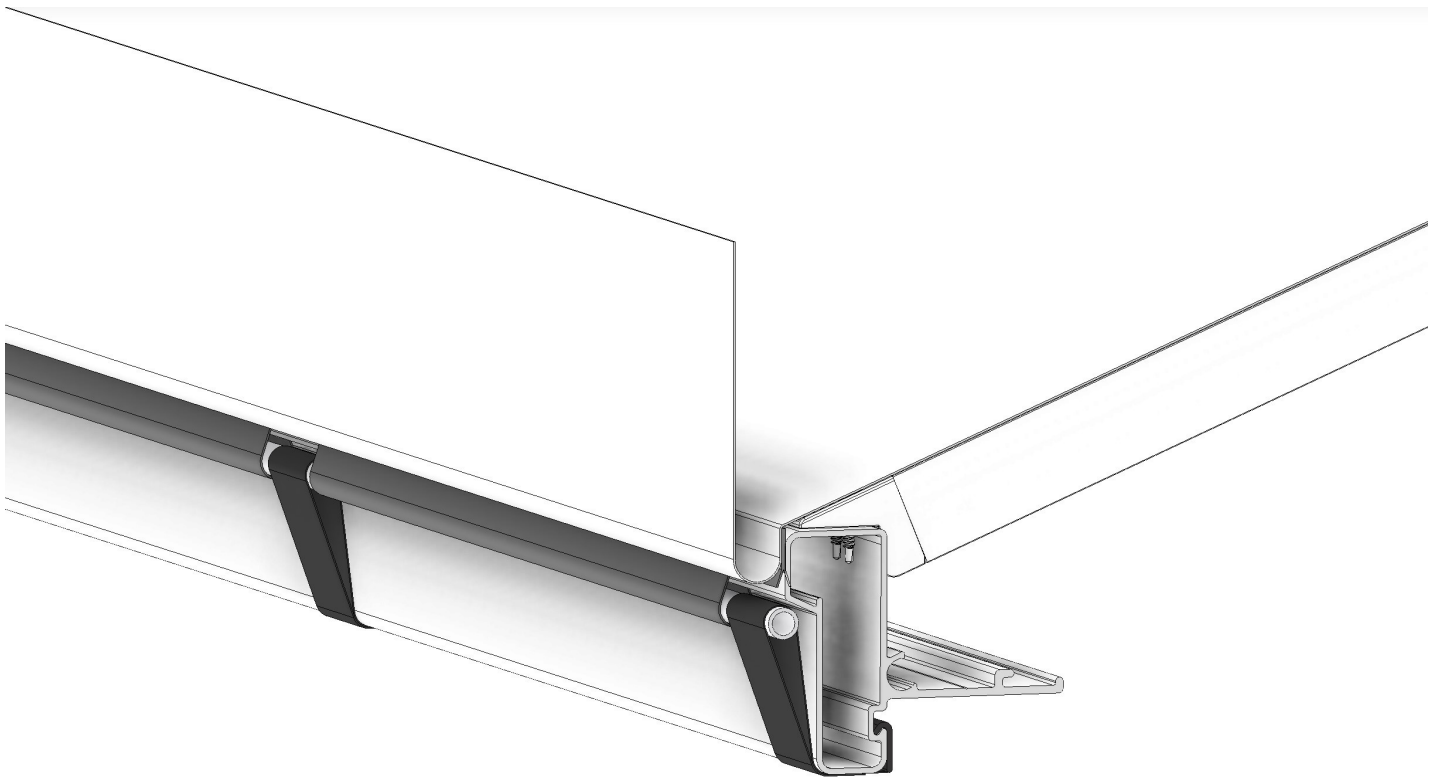
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Put tension on the Fabric using the L Fabric Tension Straps. Work on opposing sides to make sure to tension the Fabric evenly so that it does not shift on the roof structure. Once finished, the Fabric should be tight like a drum.



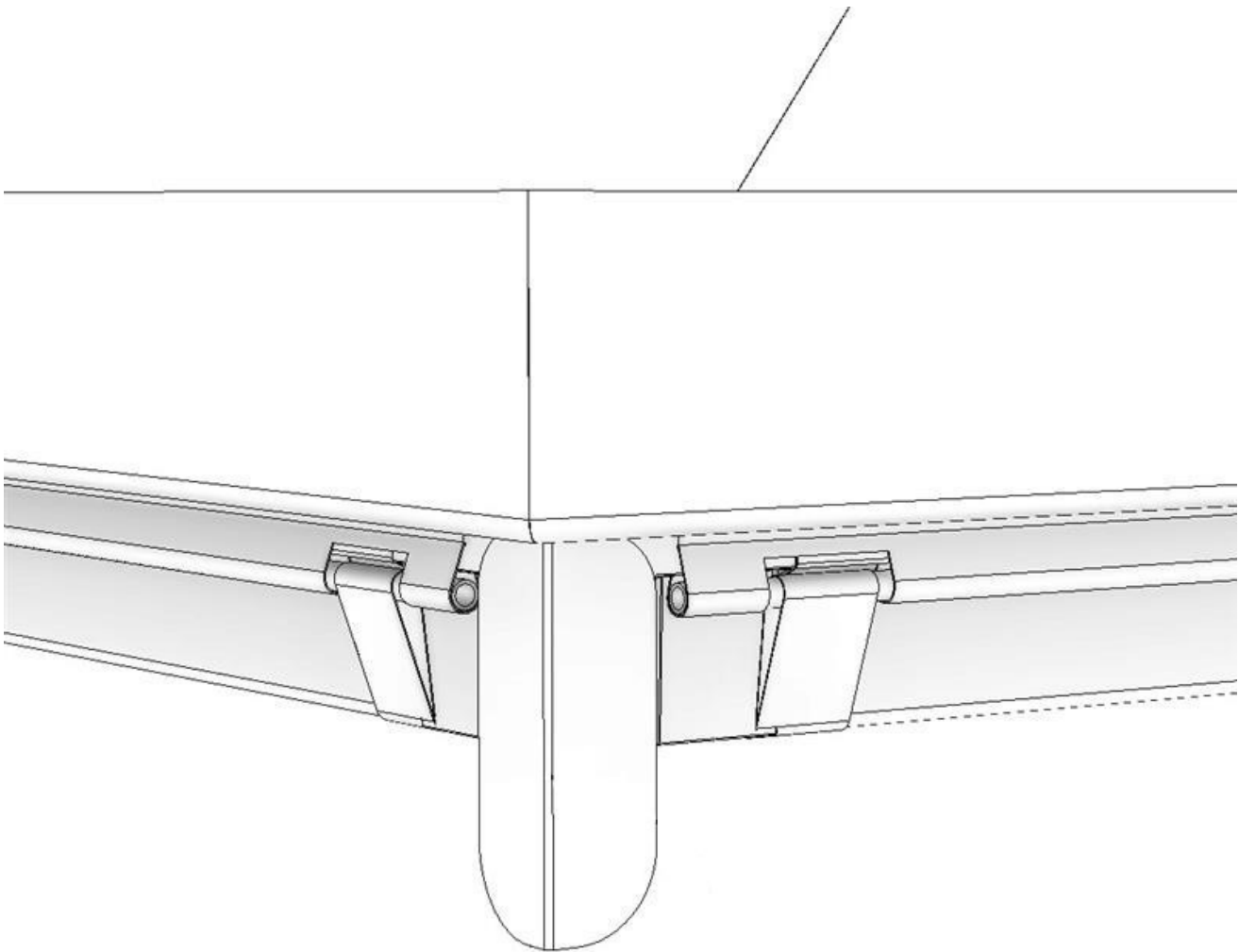
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Place the **N2** valance stiffener onto the outside of the **G1** corner 135 so that the tabs on the top of the stiffener lock onto the top of the soffit corner. It may be necessary to roll the fabric to up to get the valance stiffener to seat.



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