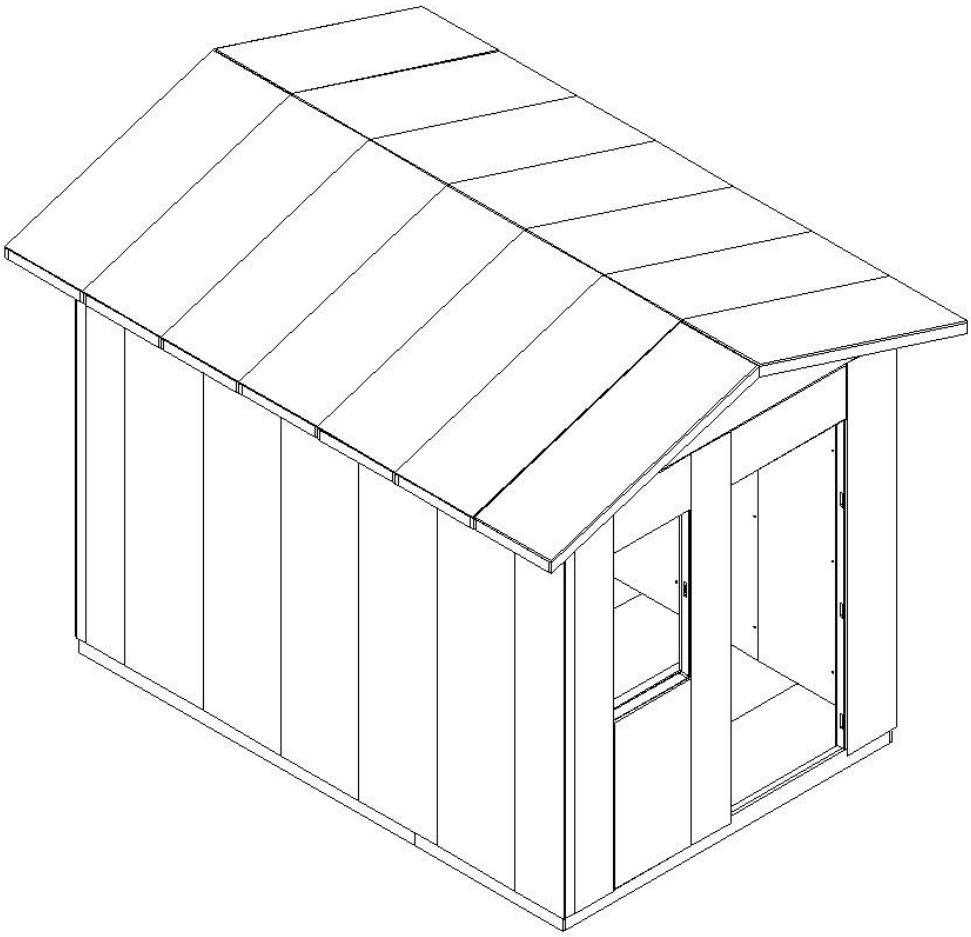
BuildPanel Instructions



8ft Wide Unit

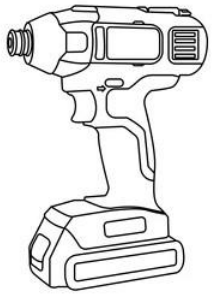
WARNING!

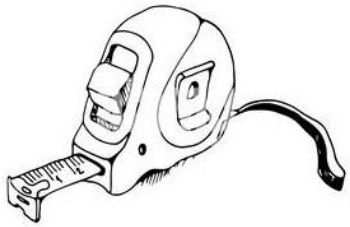
Always wear work gloves when working with Panels

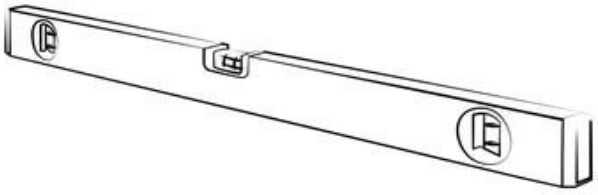
Assembly requires a minimum 2 people

Be careful on the ladders

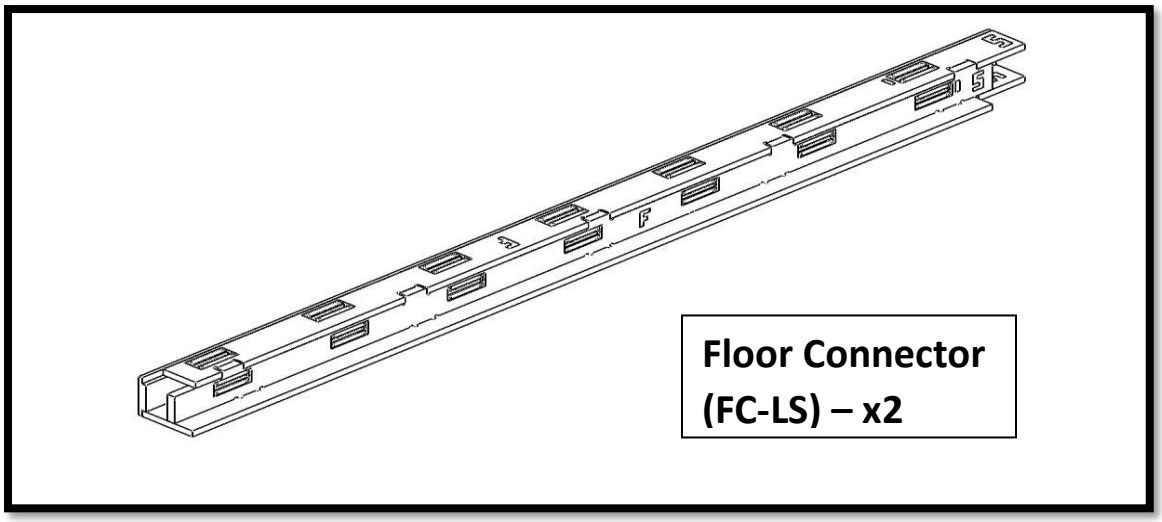
Tools Required



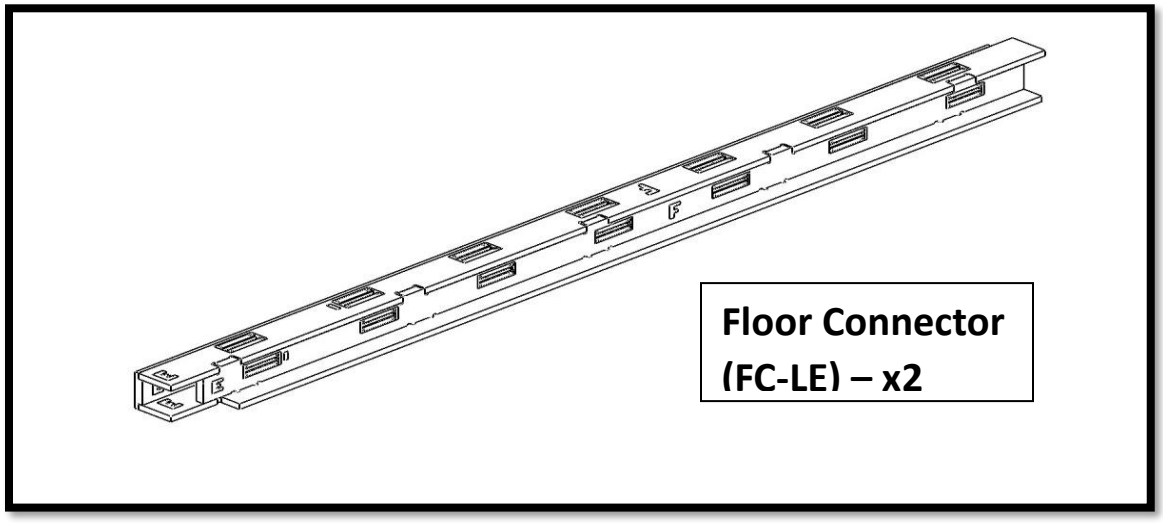




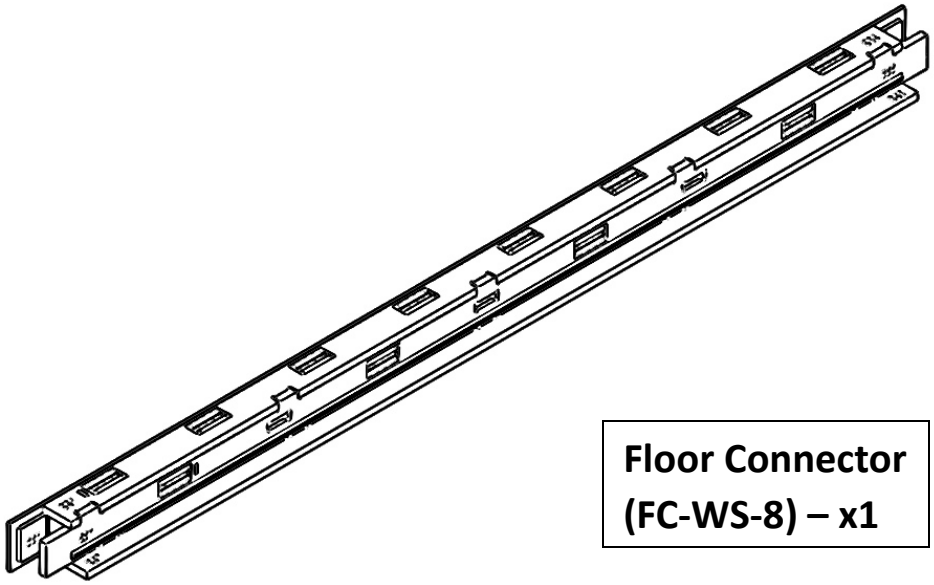
Floor Instructions



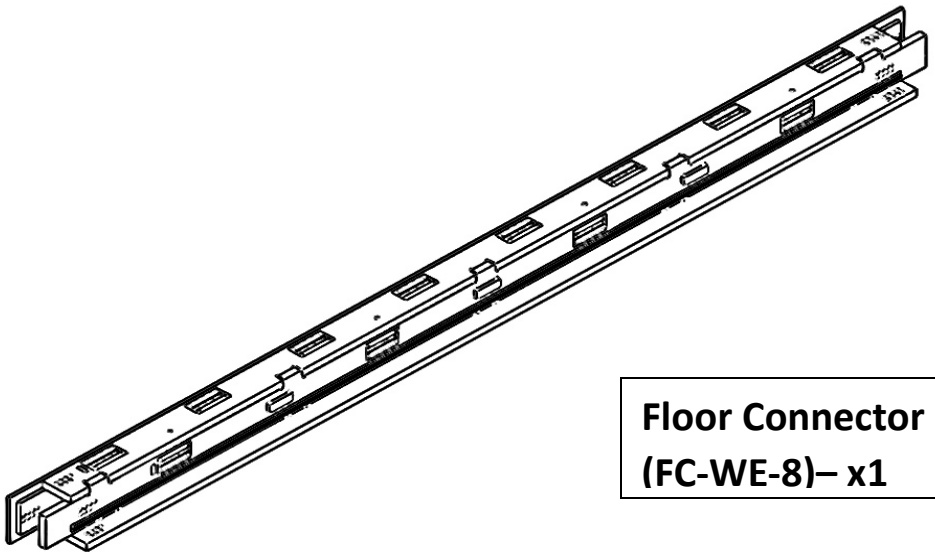
Floor Connector (FC-LS) – x2



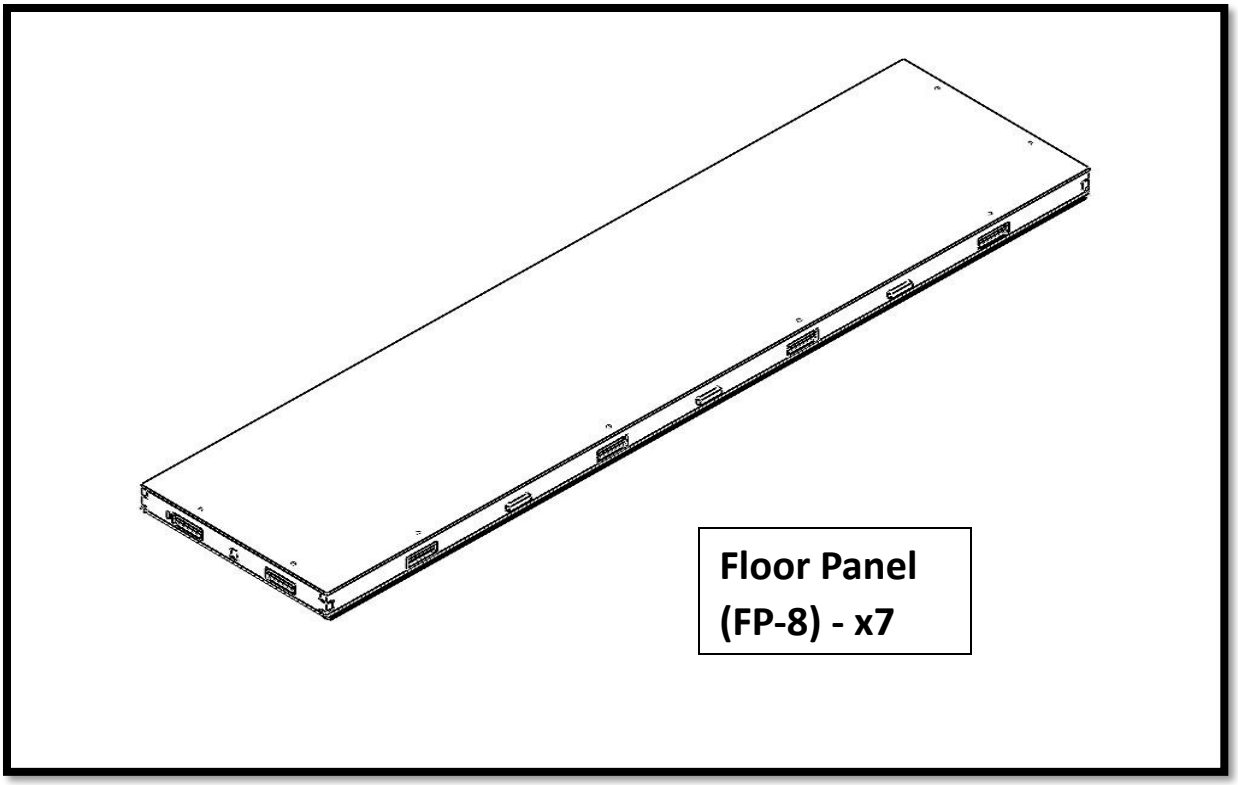
Floor Connector (FC-LE) – x2



Floor Connector (FC-WS-8) – x1

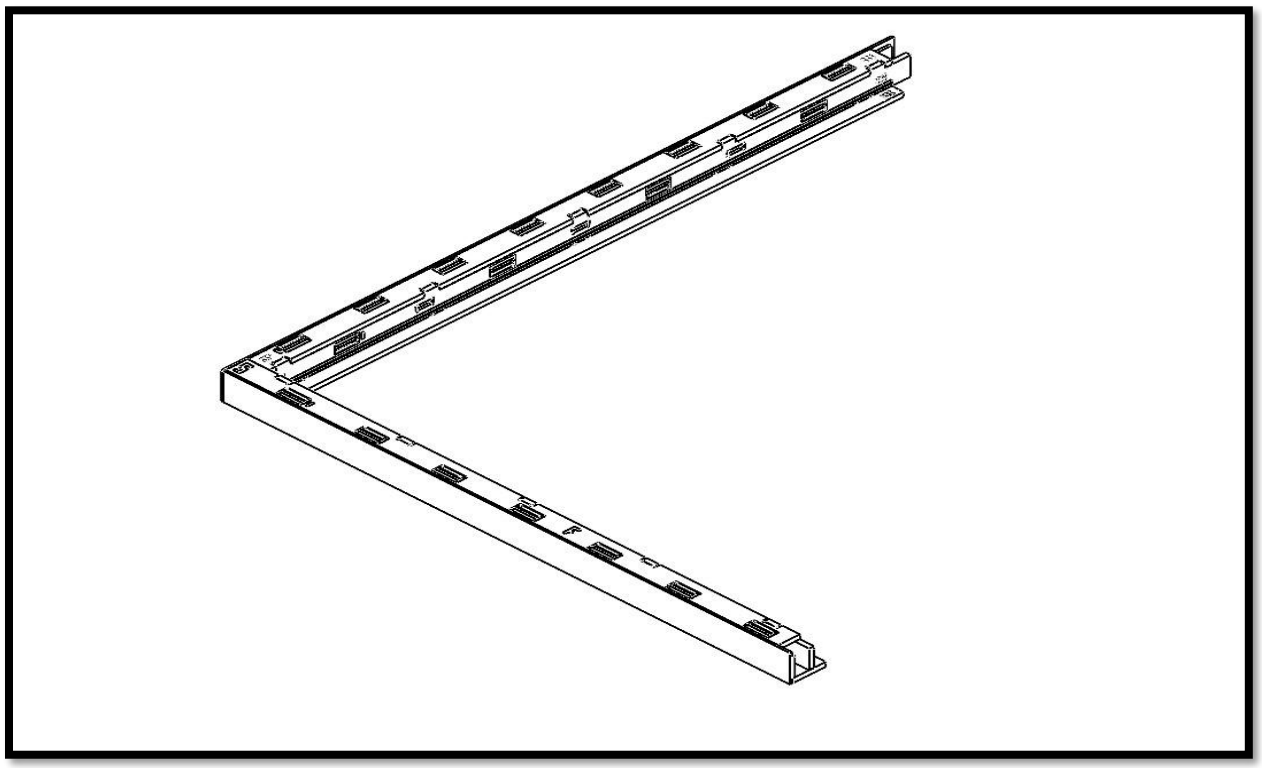


Floor Connector (FC-WE-8)– x1

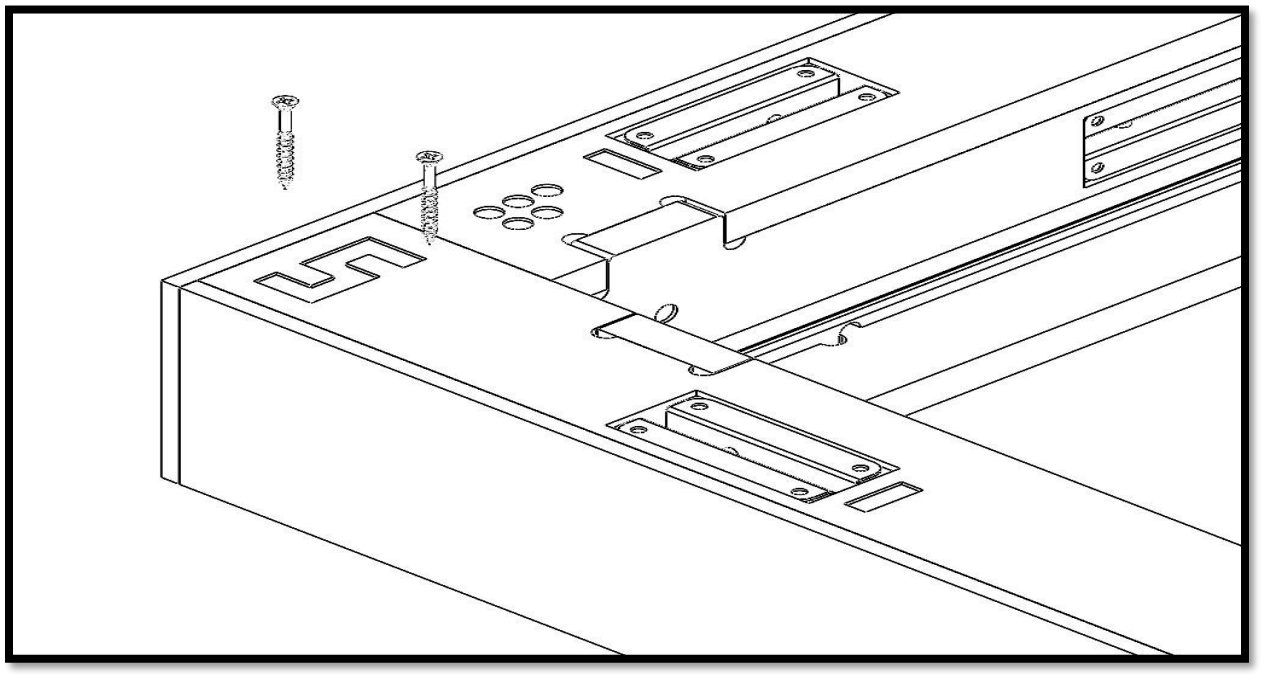


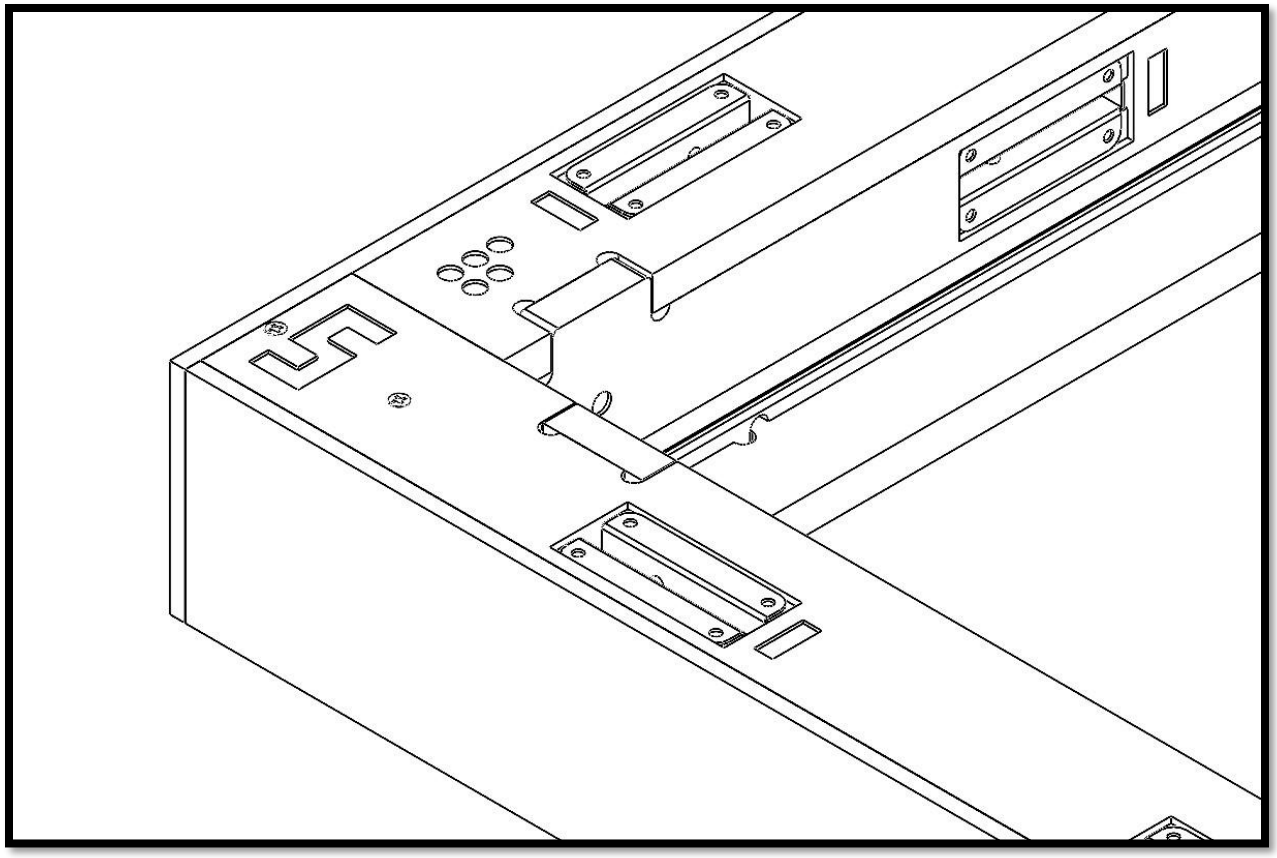
Floor Panel (FP-8) - x7

1) **Position the Floor Connectors**: Start by positioning the **Floor Connector (FC-WS-8)** and **Floor Connector (FC-LS),** ensuring they are properly aligned as shown in the image below.

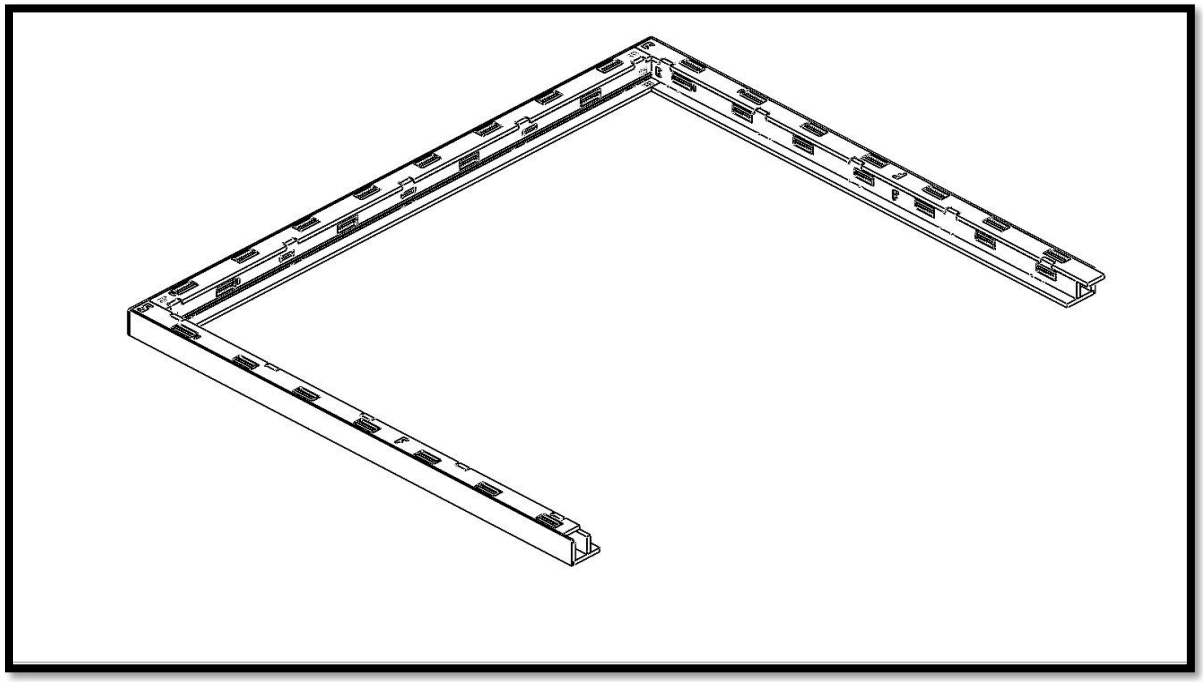


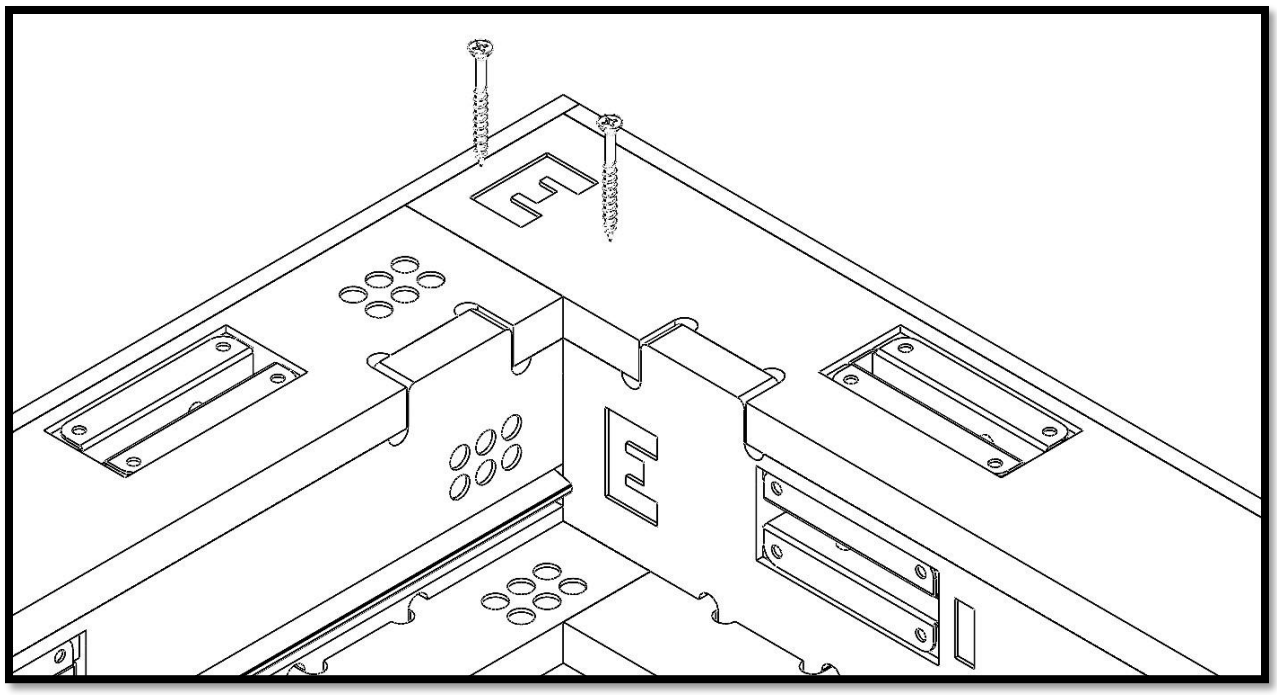
2) **Secure the Floor Connectors**: Screw the **Floor Connector (FC-WS-8)** and **Floor Connector (FC-LS)** into place.

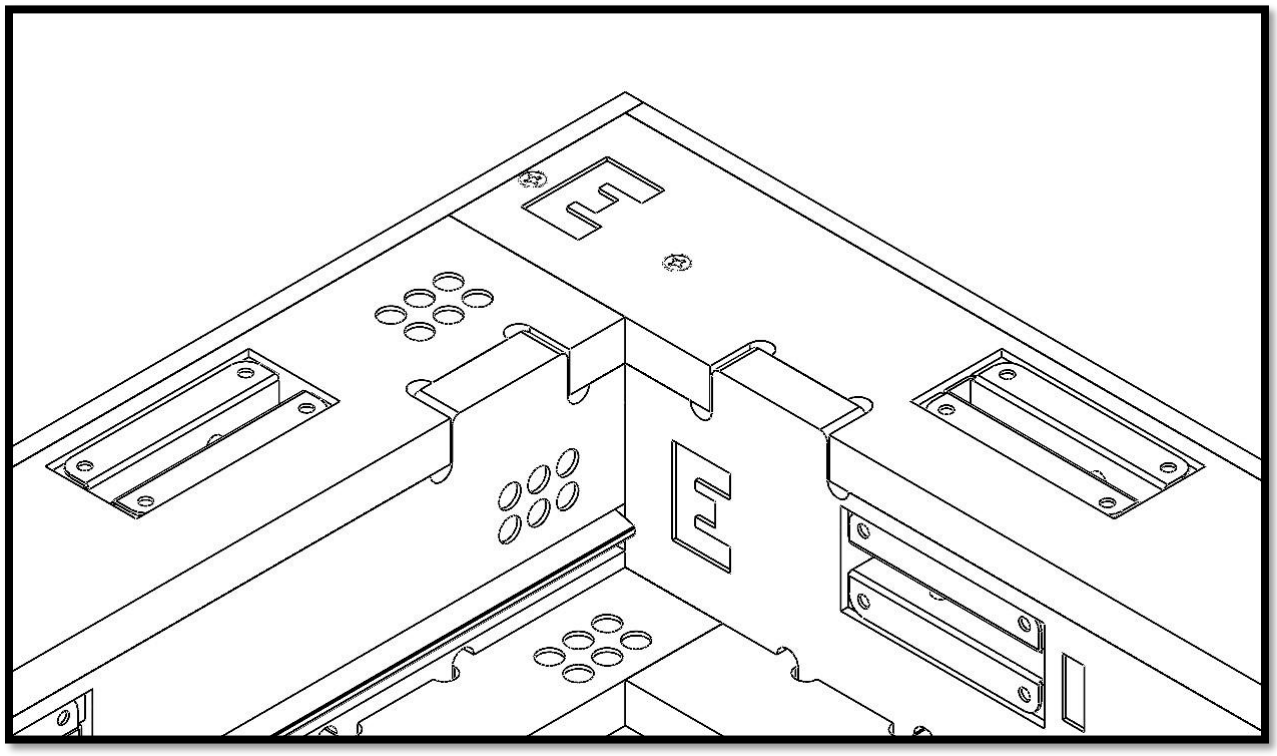




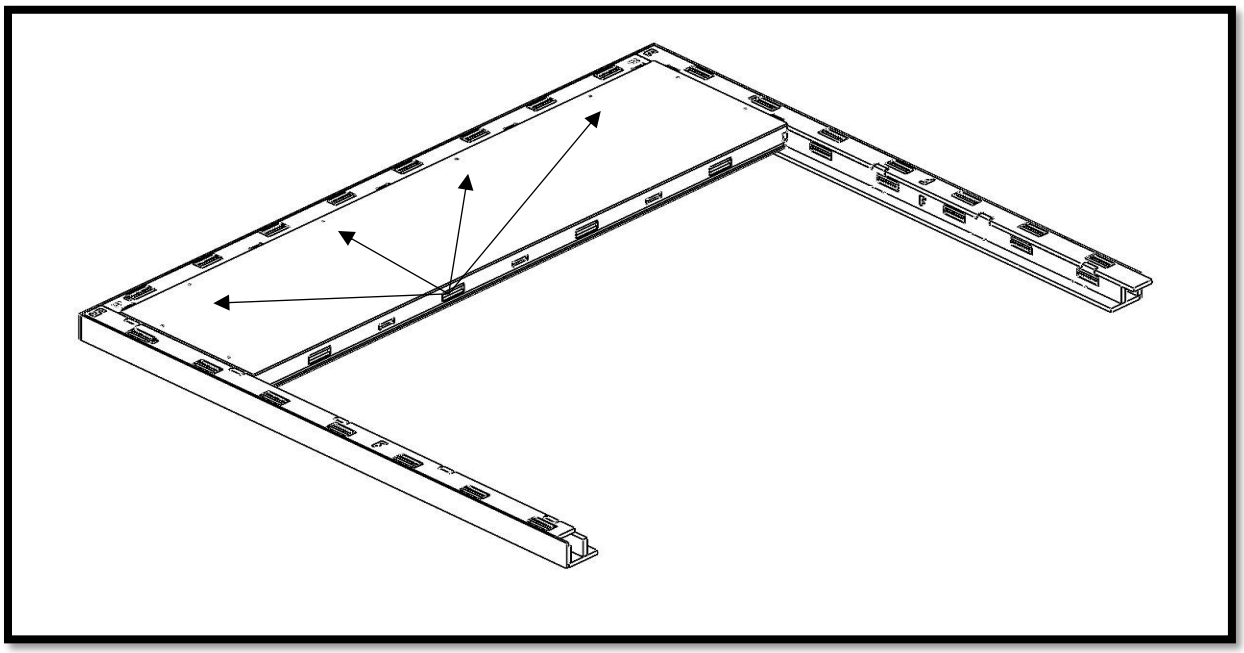
3) **Repeat on the Opposite Side**: Repeat the same steps on the opposite side of the **Floor Connector (FC-WS-8)** using **Floor Connector (FC-LE).**



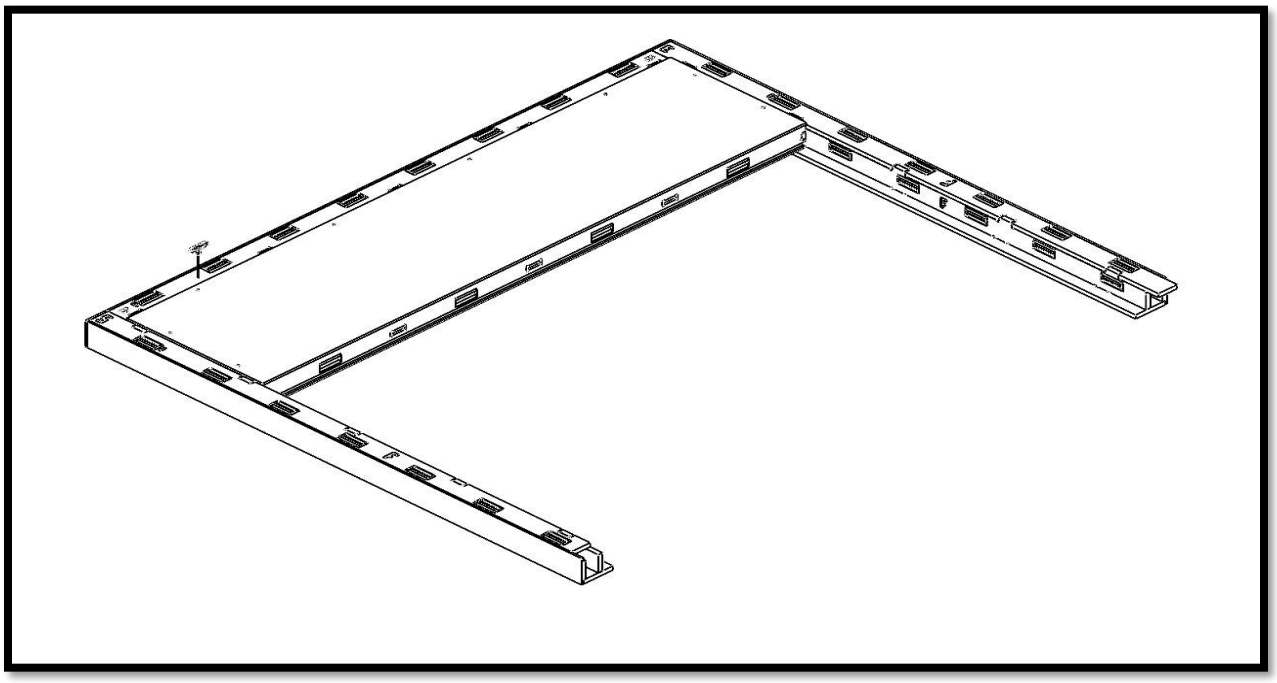




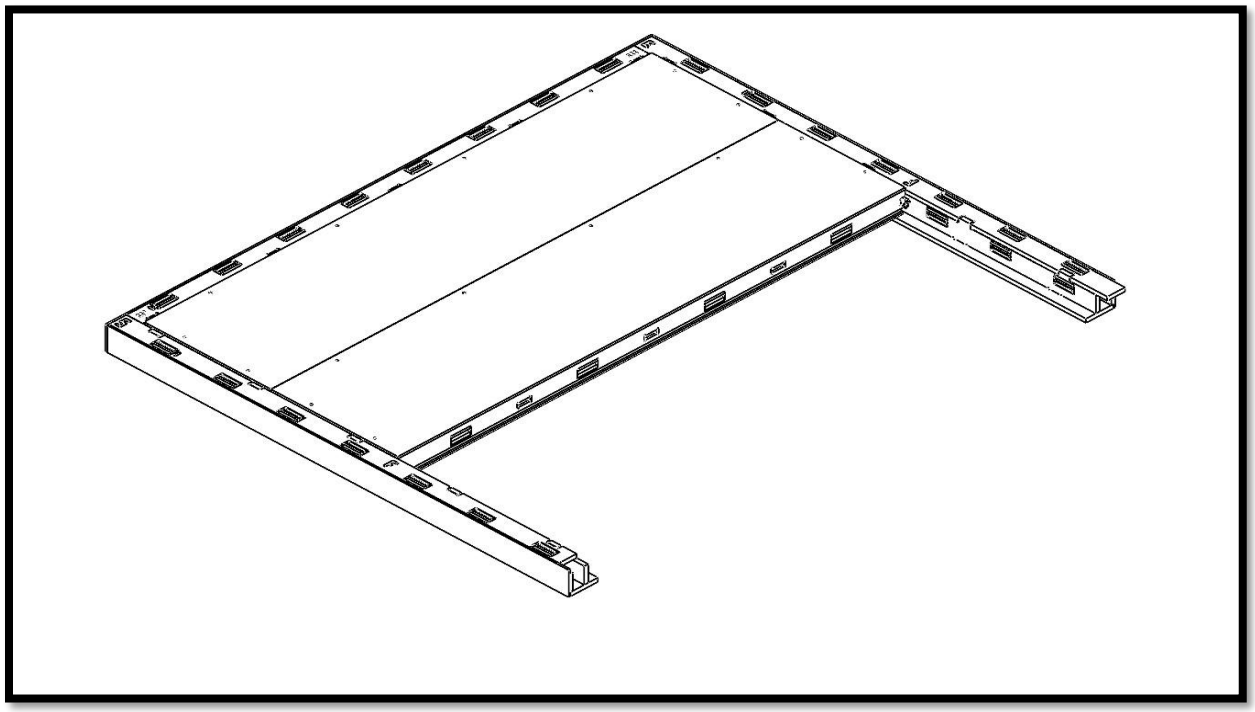
4) **Position the Floor Panel**: Place the **Floor Panel (FP-8)** onto the floor Connectors, ensuring the holes in the floor panel align with the **Floor Connector (FC-WS-8)**, as shown below. Use a mallet to gently tap the floor panel into place, ensuring it is tightly fitted against the **Floor Connector (FC-WS-8)**.

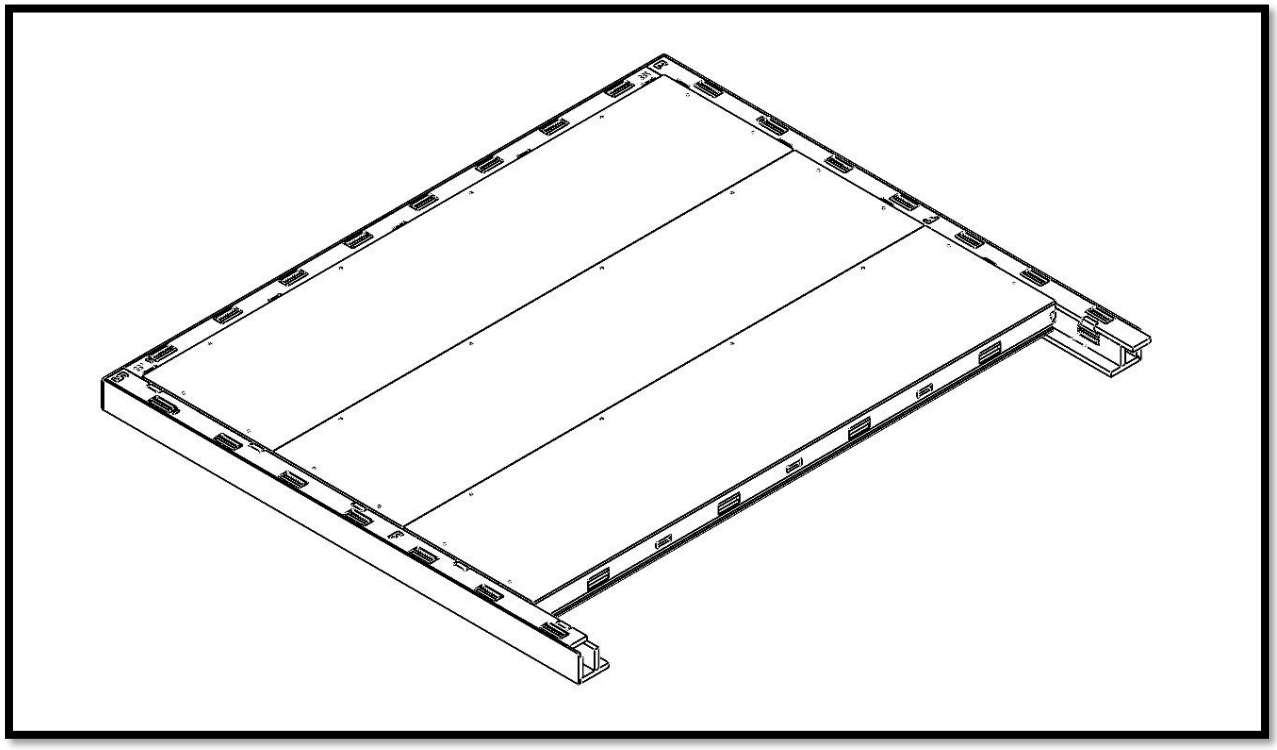


5) **Secure the Floor Panel**: Use the provided Allen key to fasten the **Floor Panel (FP-8)** to the floor connectors. Insert the key into each hole and turn it **counterclockwise** until it locks. Ensure all 6 holes are securely locked before proceeding to the next step.

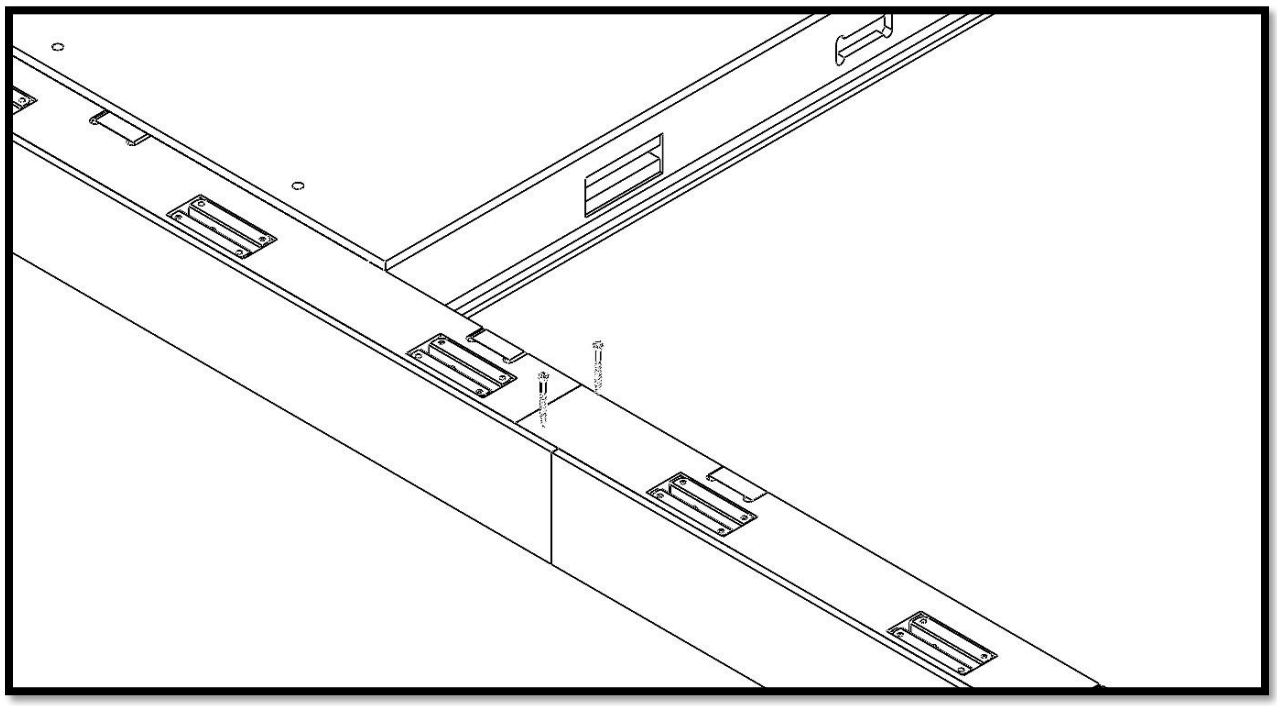


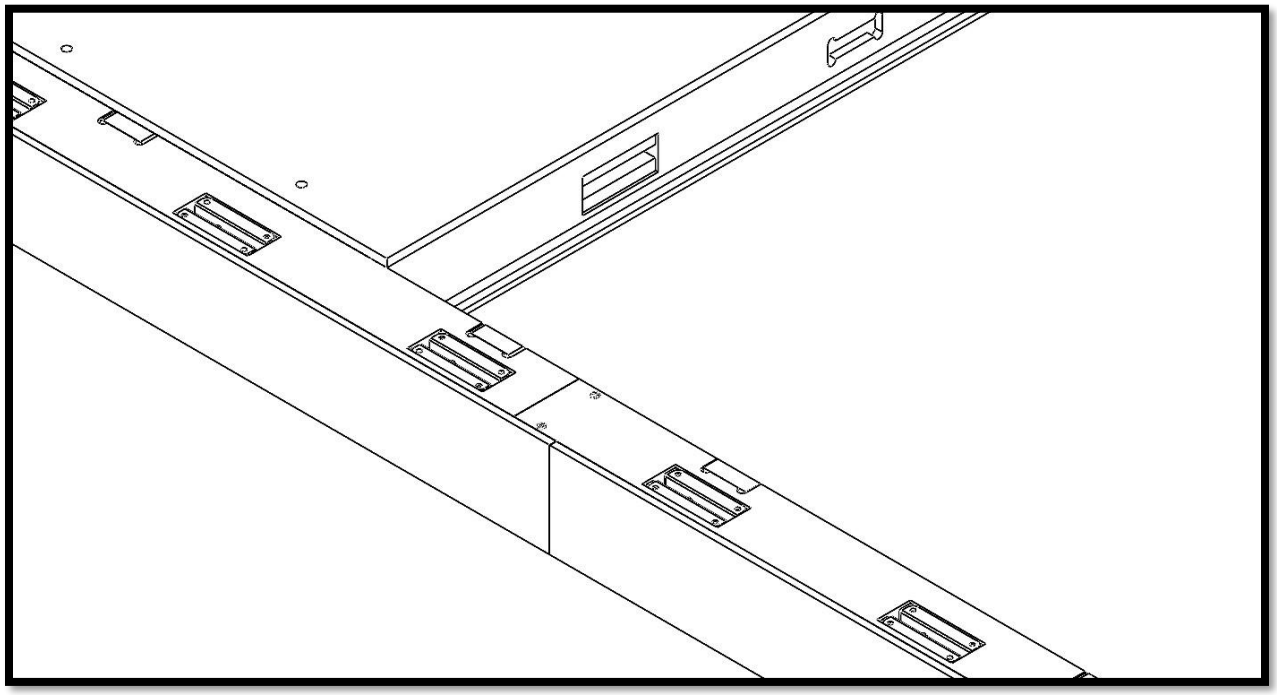
6) **Position and Secure the Next Floor Panels**: Place the next floor panels into position and follow the same steps to secure all cam locks using the Allen key. If necessary, use a mallet to gently tap the panels together..



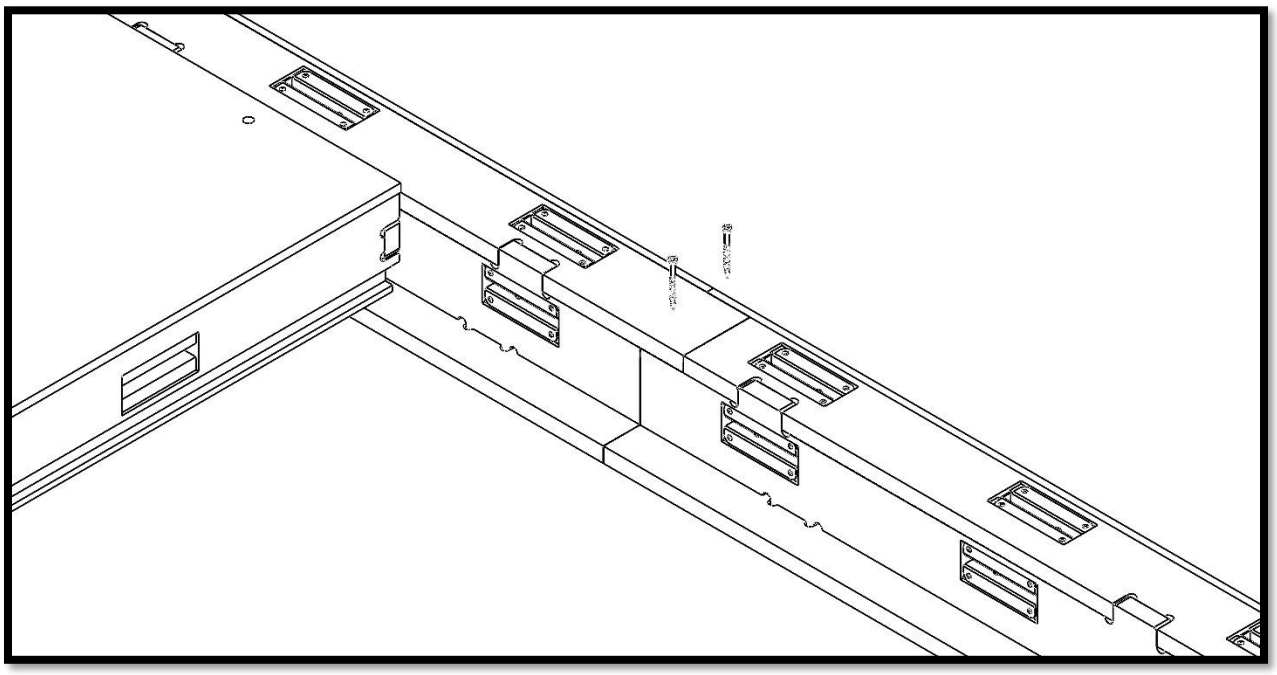


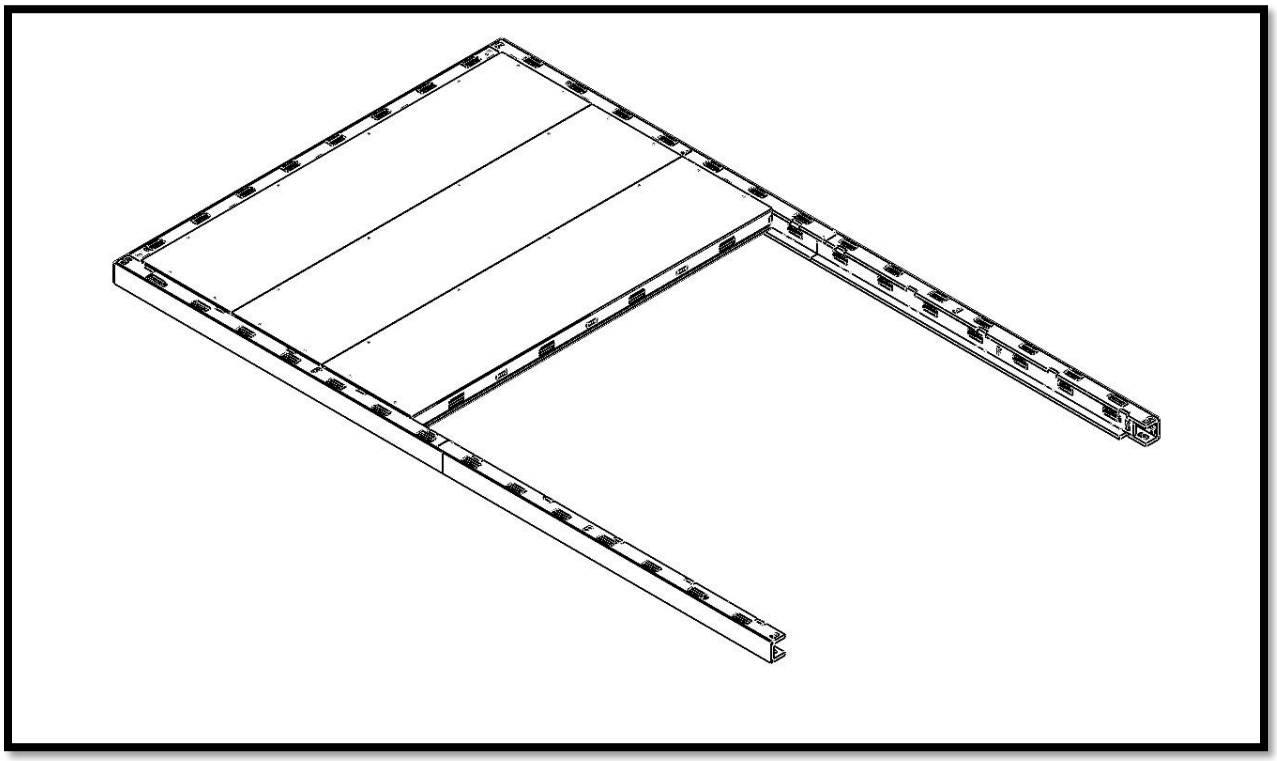
7) **Position and Secure the Floor Connector (FC-LE)**: Position the **Floor Connector (FC-LE)** next to the **Floor Connector (FC-LS)** and secure them with screws, as shown below.



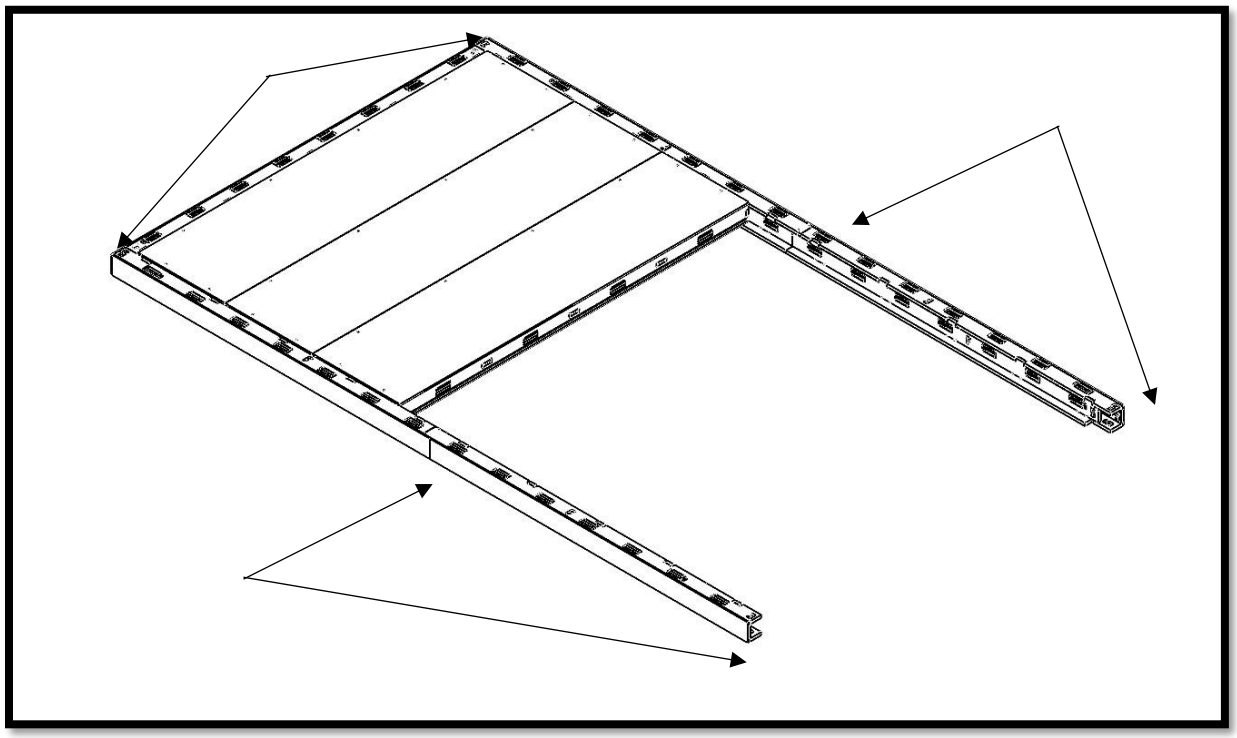


8) **Repeat on the Opposite Side**: Repeat the same steps on the opposite side, using the **Floor Connector (FC-LS)**.

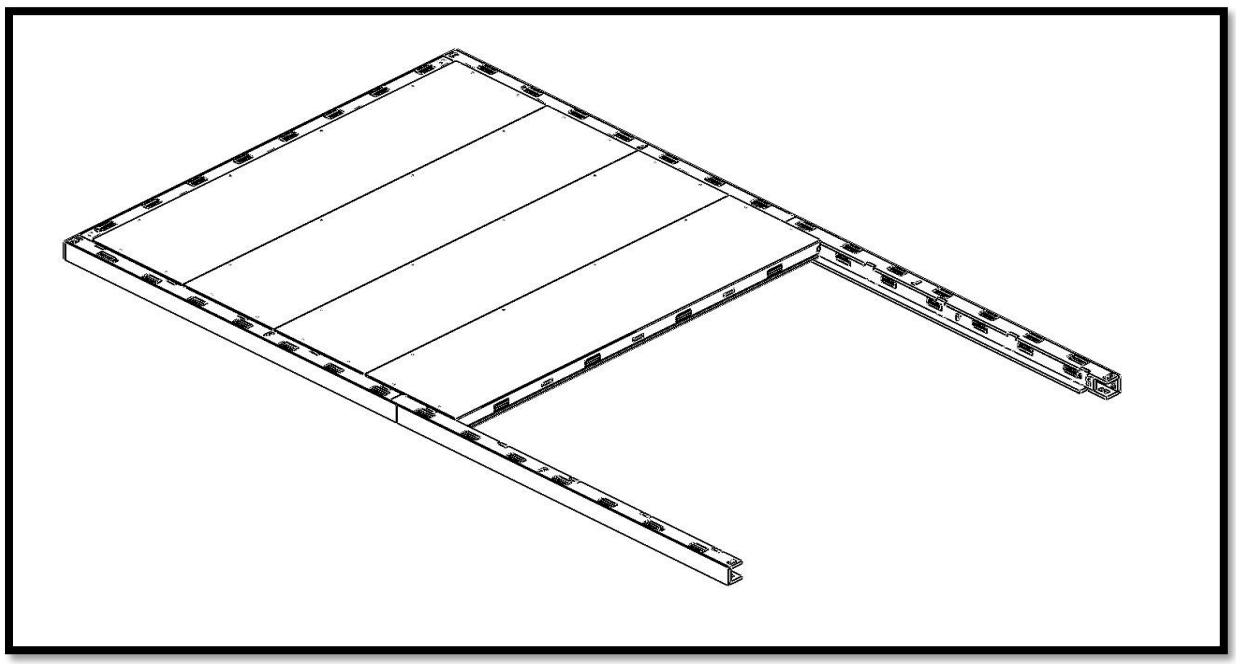


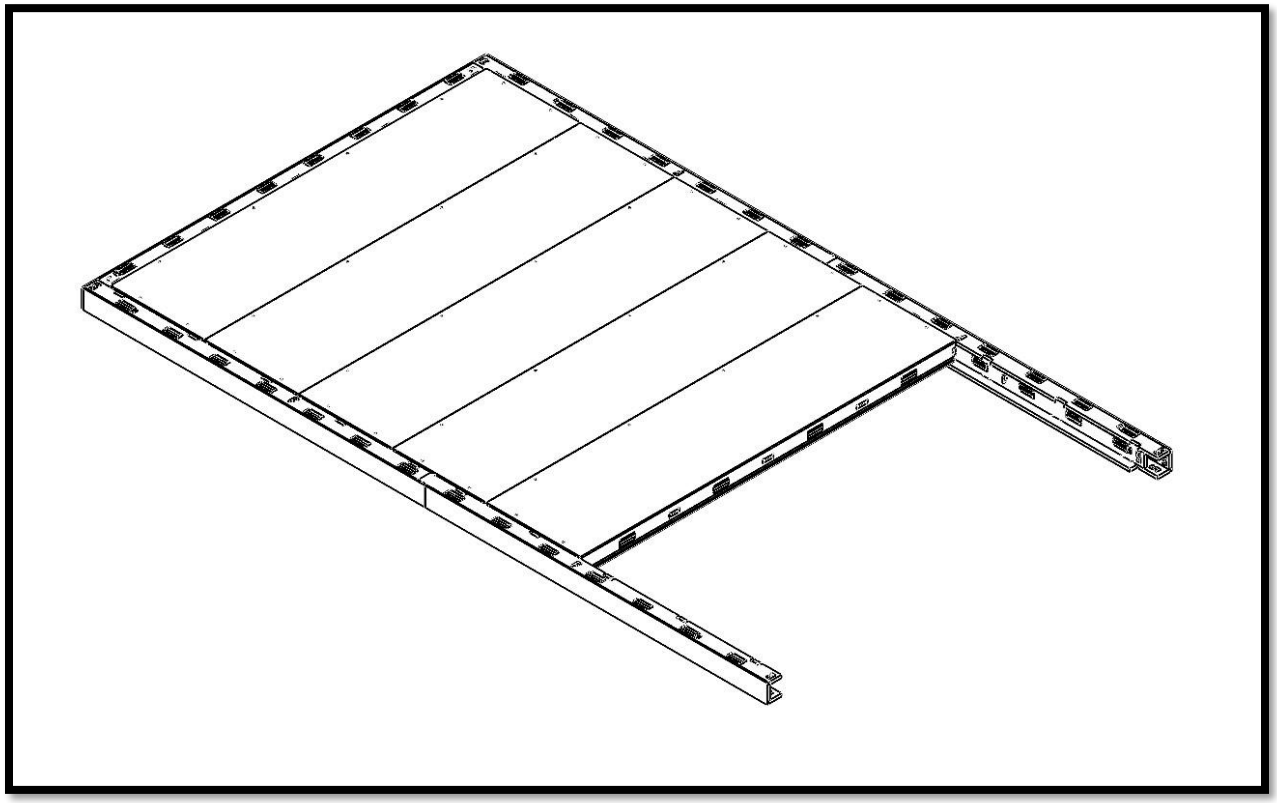


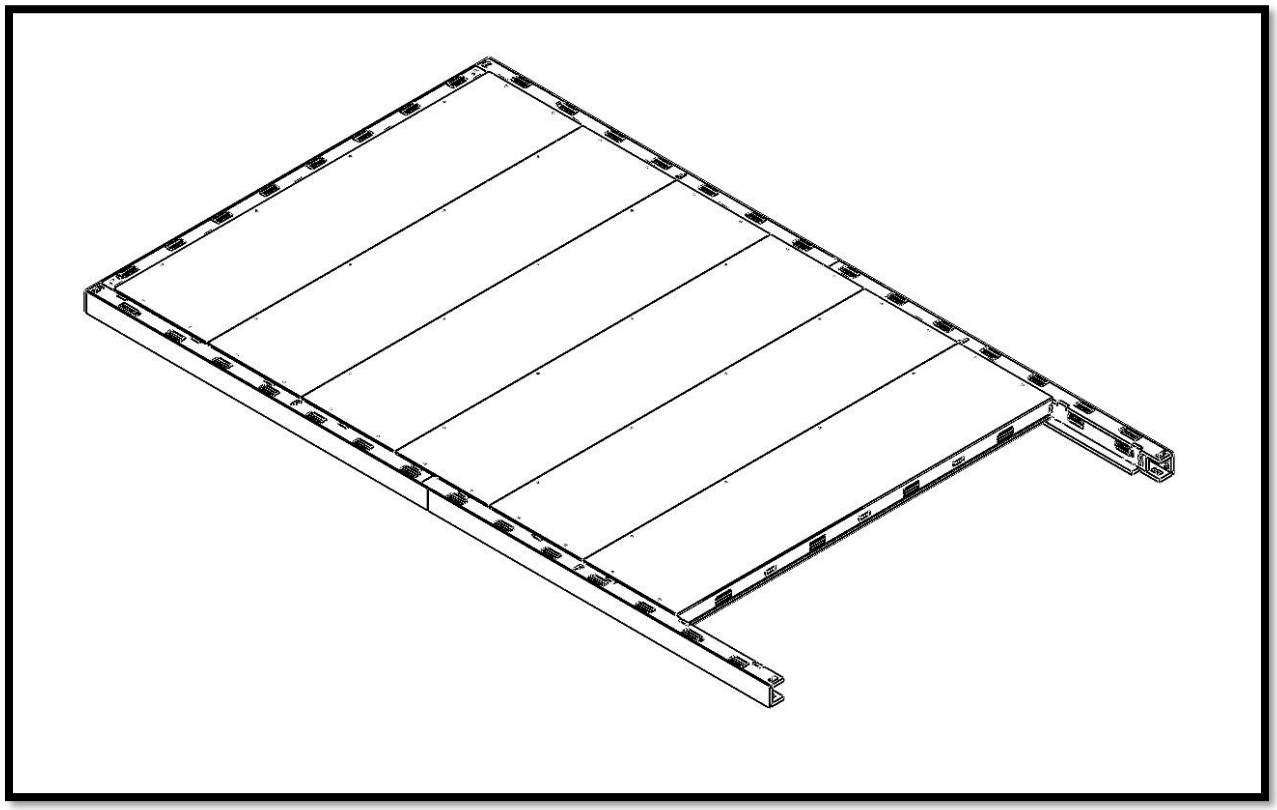
9) **Position the Concrete Blocks and Floor Feet**: Place the concrete blocks and floor feet under the floor connectors, as shown below. Adjust the height of the floor feet to ensure the floor is level, making any necessary adjustments to achieve the most level surface possible.

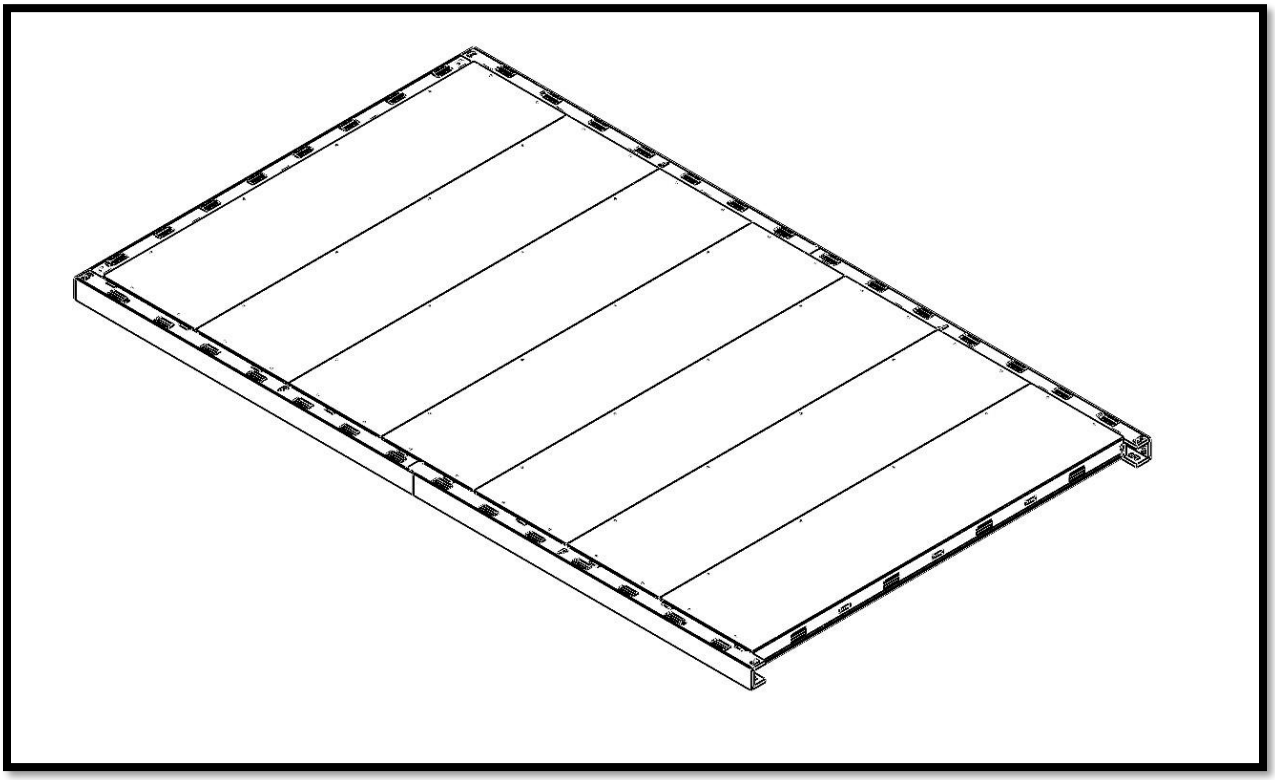


10) **Secure the Remaining Floor Panels**: Repeat Step 6 to lock all the remaining floor panels into place.

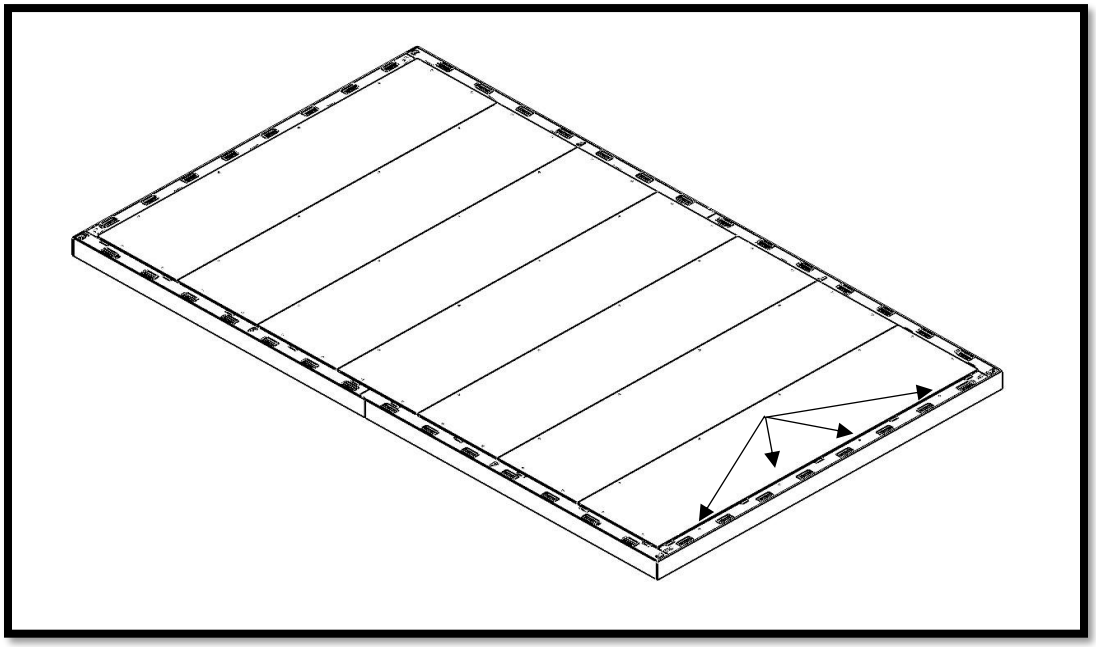




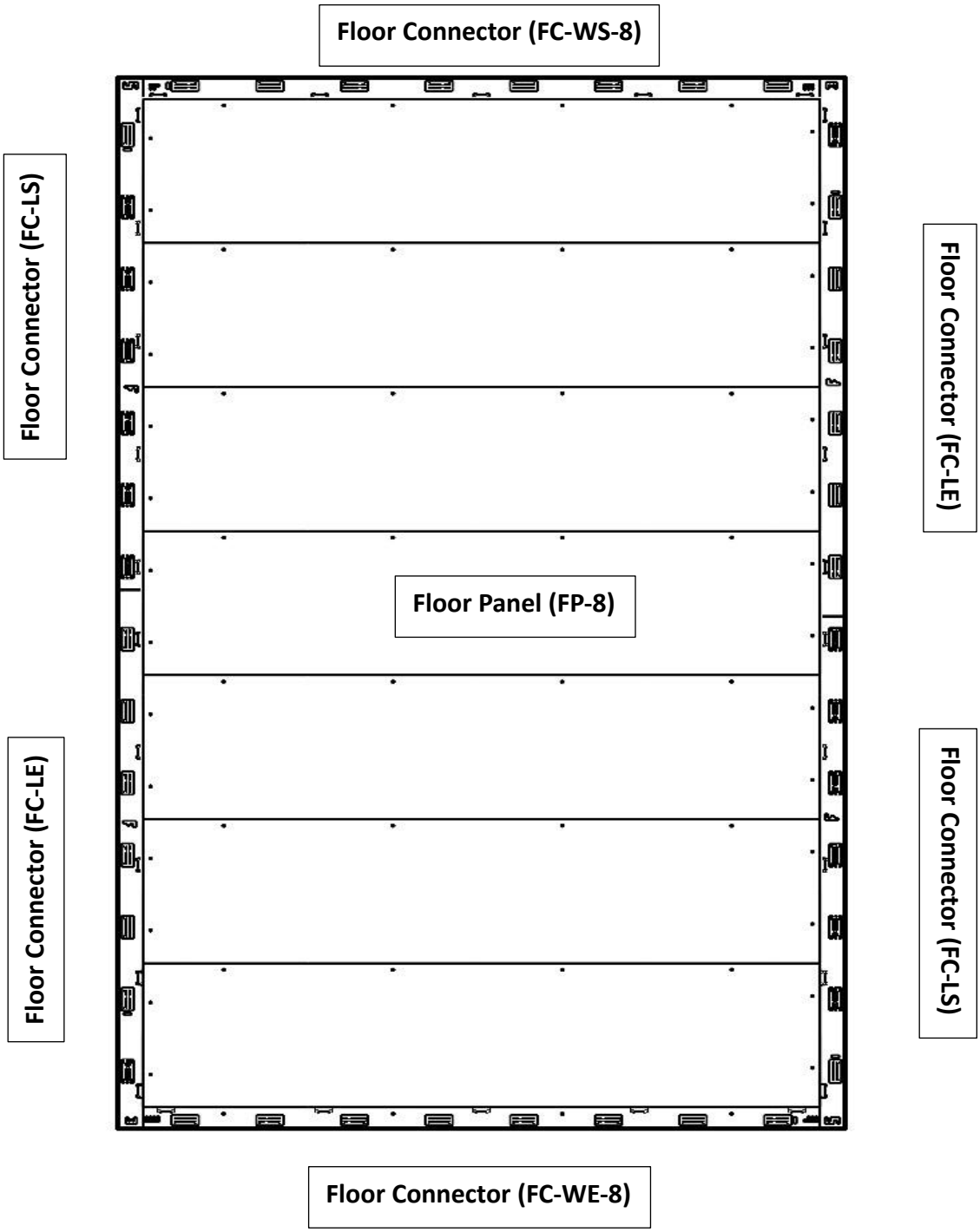




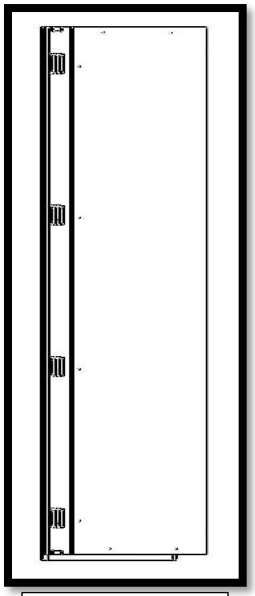
11) **Position and Secure the Floor Connector (FC-WE-8)─** Position the final **Floor Connector (FC-WE-8)** and secure the cam locks to the floor panel, using the cam lock holes on the **Floor Connector (FC-WE-8)**.



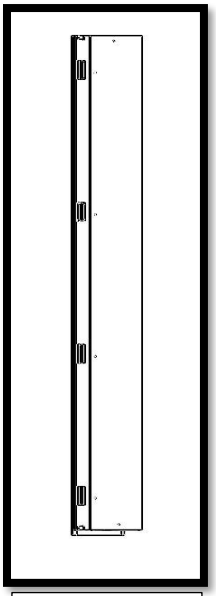
12) **Final Check and Adjustment**: Perform a final check and adjust the floor feet to ensure the floor is level. The completed floor section should appear as shown below.



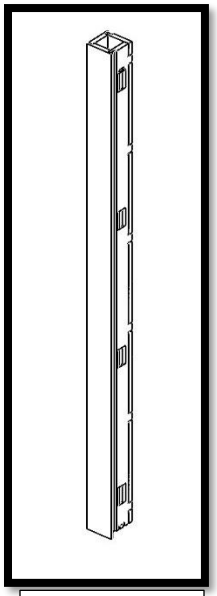
Walls Instructions



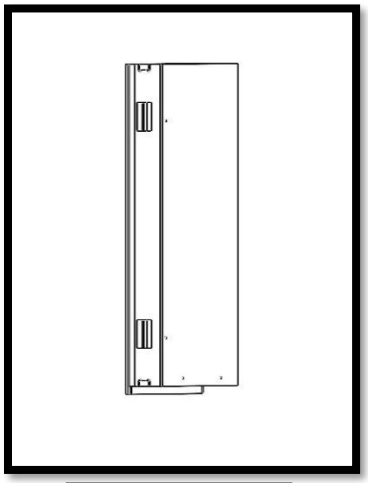
Wall Panel (WP-22) - x12



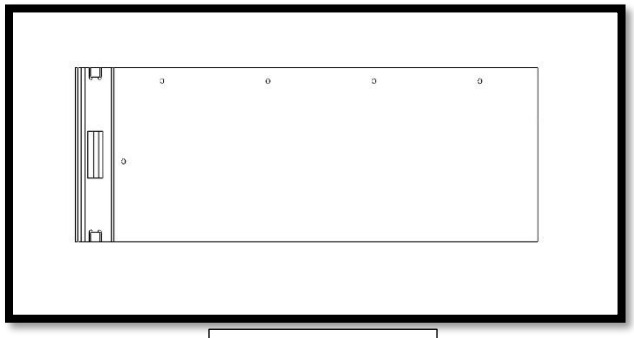
Wall Panel (WP-11)- x1



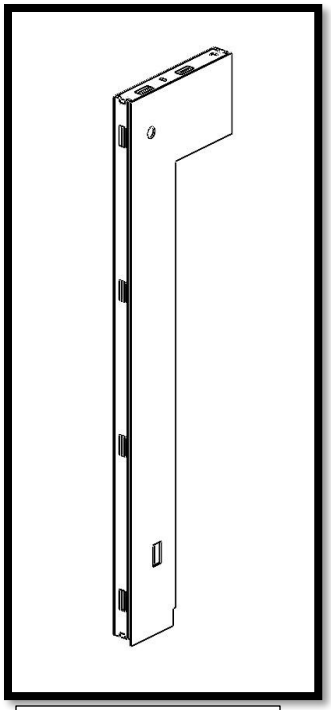
Corner post (CP-95) - x4



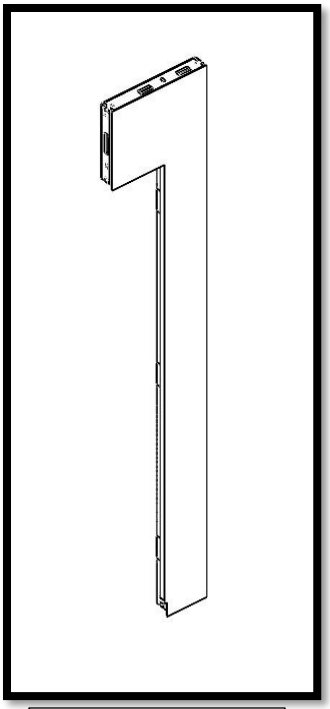
Window Below (WI-B-22) - x4



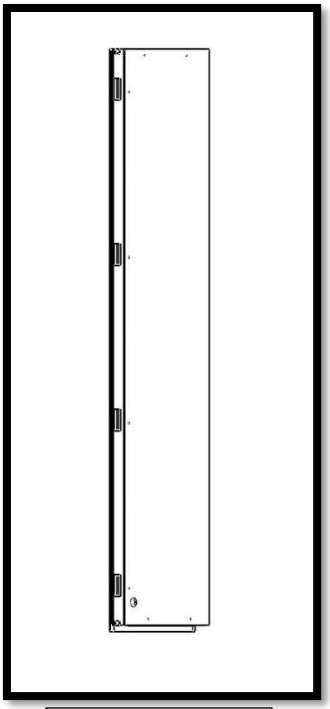
Window Above (WI-A-44) - x2



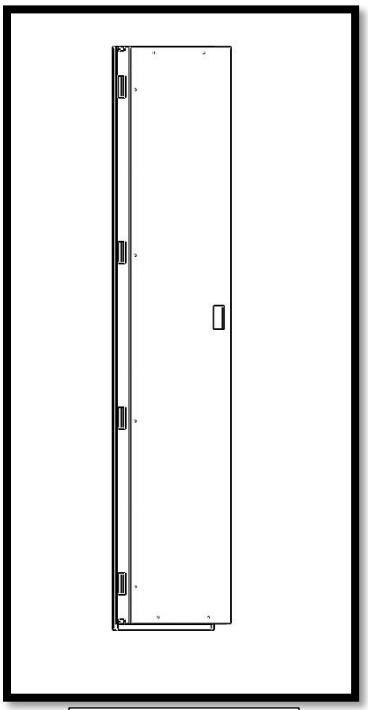
Door Panel (DP-IS-LL-32) - x1



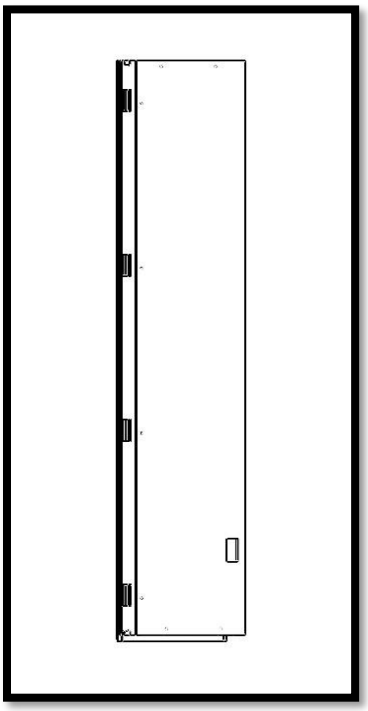
Door Panel (DP-IS-HR-32) - x1



Electrical Panel (WP-EH)- x1

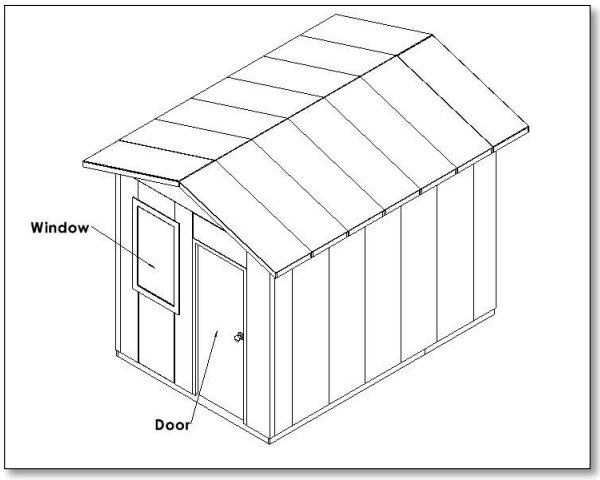


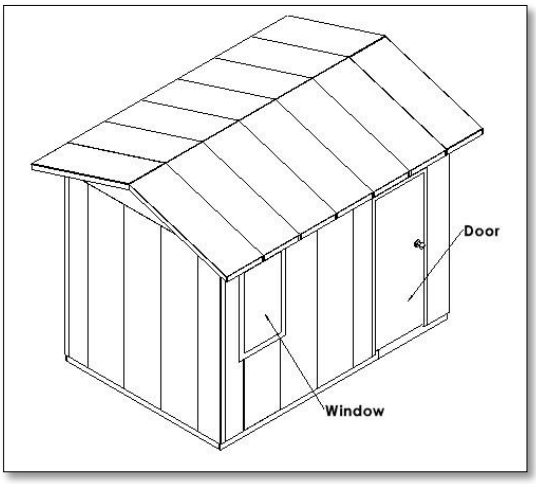
Electrical Panel (WP-EC)- x1



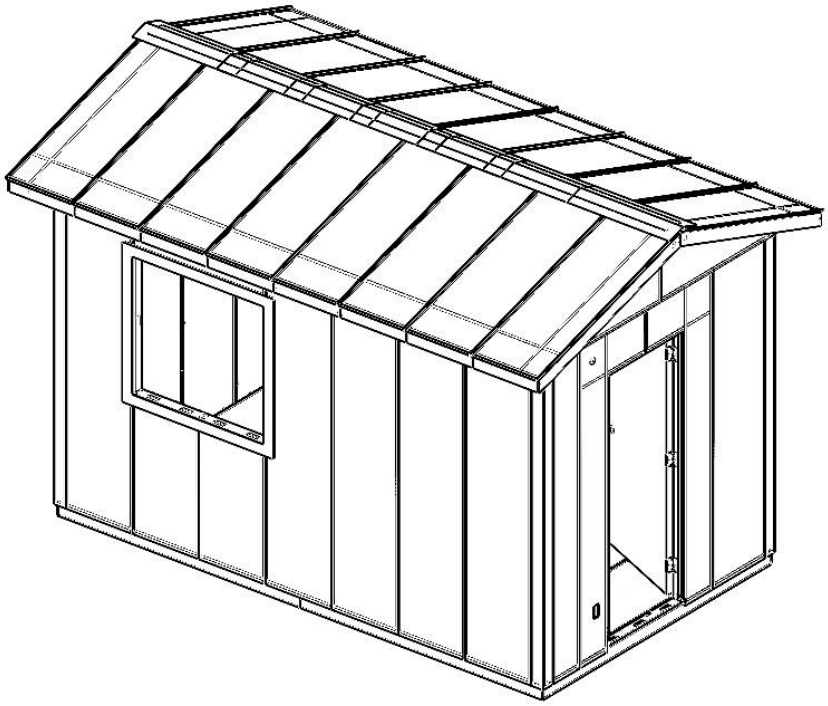
Electrical Panel (WP-EB) - x1

Before assembling the walls, make sure to have a plan for where you want the Windows, Door & Electrical Panels



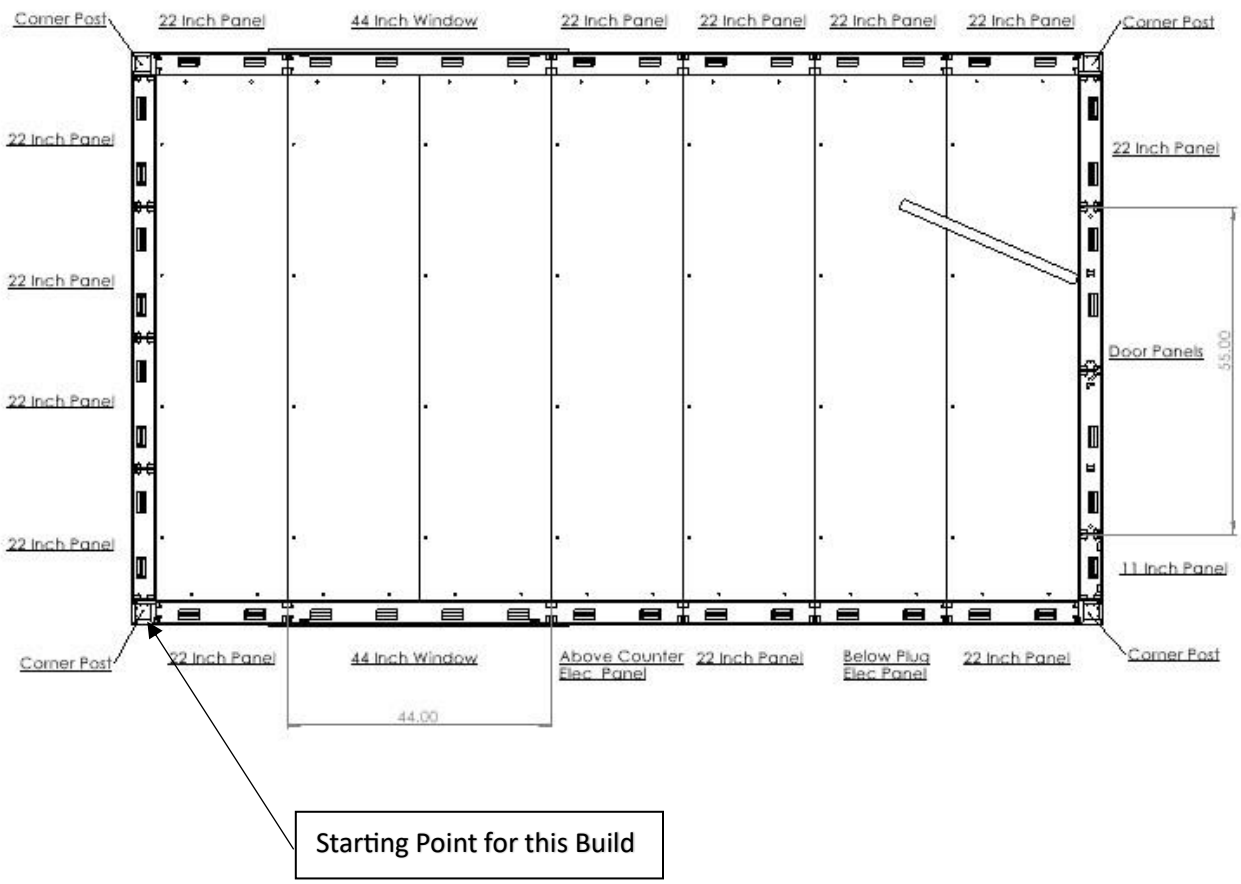


***For these Instructions, the building design will be the as shown below**

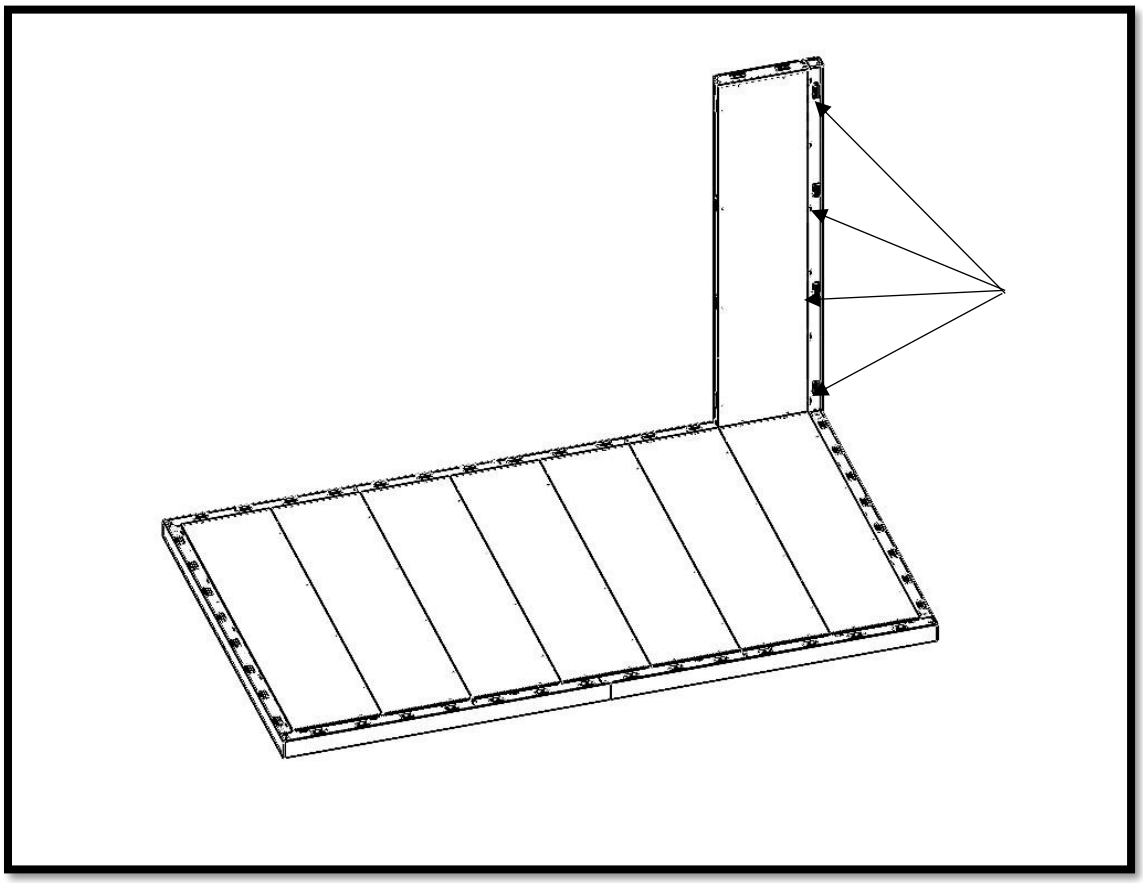


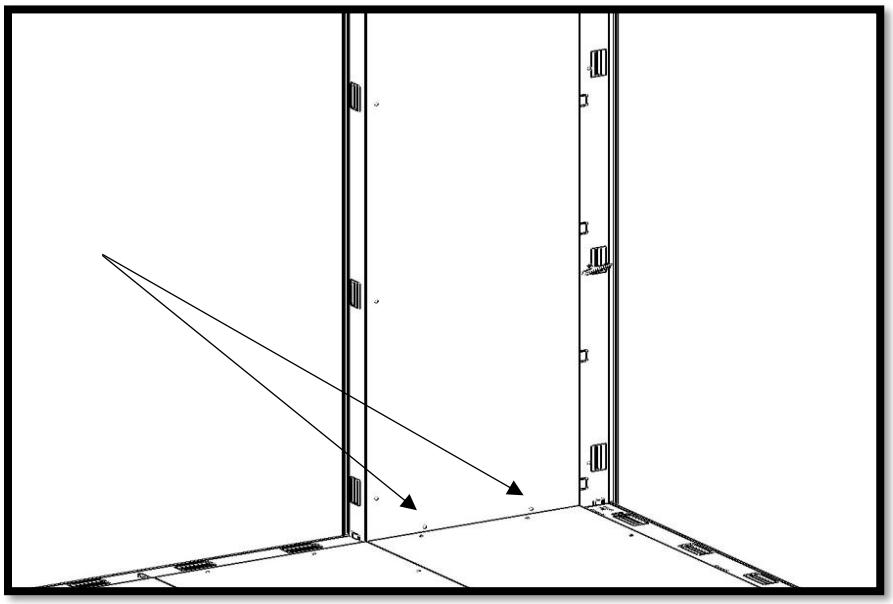
Floor Plan Layout Guidelines

- The layout should be planned according to your specific requirements, with the reference provided below.
- The **Wall Panel (WP-11)** must always be placed adjacent to **Door panels**.
- If the window is 33 inches wide, it should be paired with the **Wall Panel (WP-11)** next to it.
- Windows and doors can be positioned anywhere within the layout.
- The building is to be assembled Clockwise.
- The final piece in the assembly will be a **Window Above Panel**.
- If no window is included, the last wall panel should be a **Door Panel**.

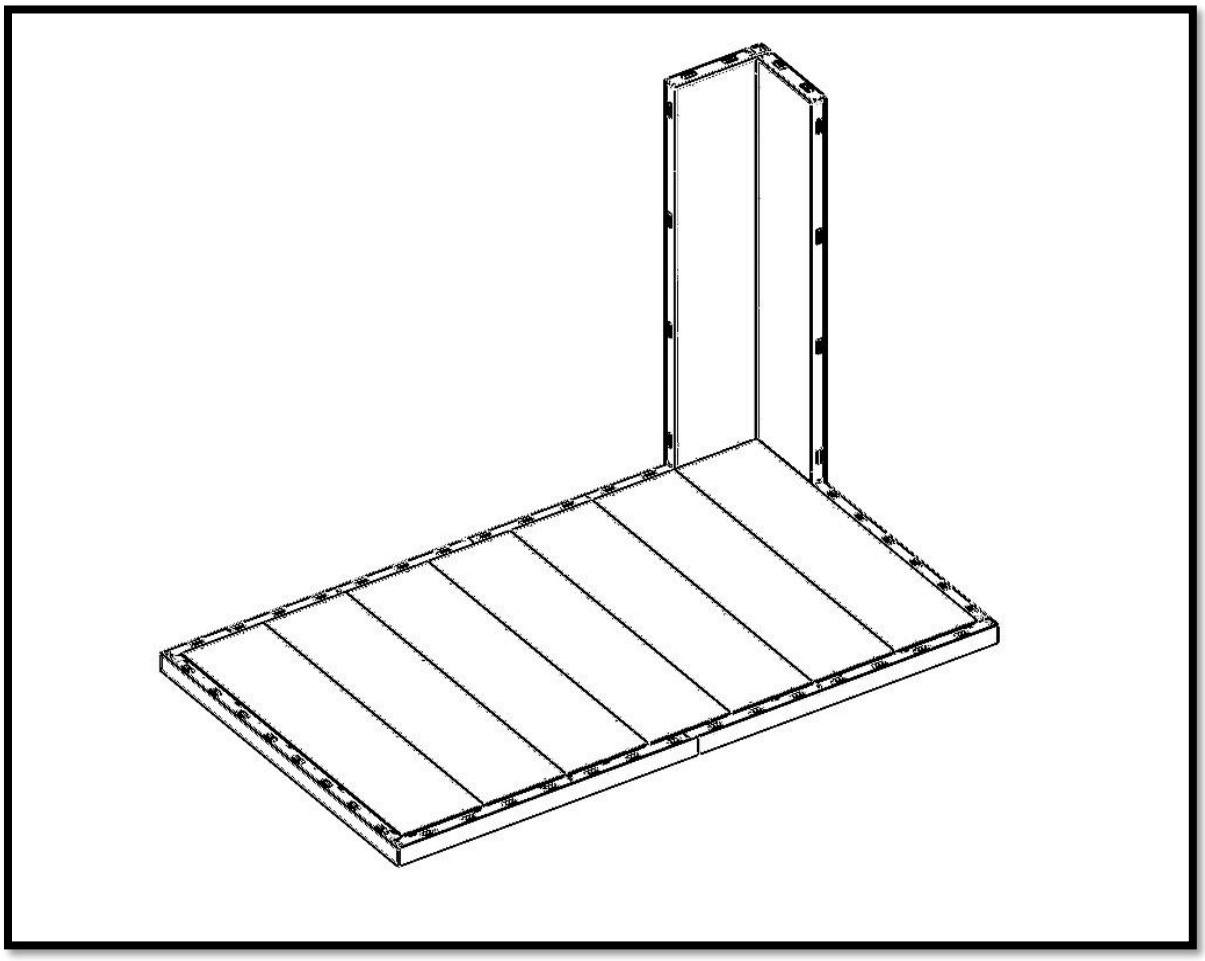


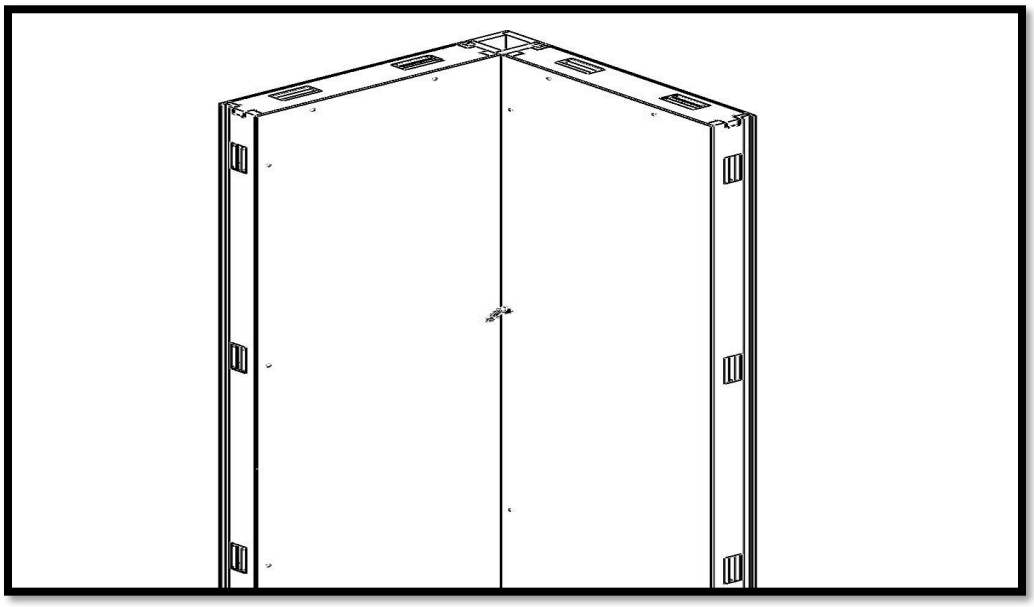
1) **Connect the Corner post (CP-95) to the Wall Panel (WP-22)**: Use the cam lock holes in the **Corner post (CP-95)**, as illustrated below, to secure the connection. Once the **Corner Post** is attached to the **Wall Panel (WP-22)**, proceed to lock the cam locks on the wall to the floor, as demonstrated in the second image below



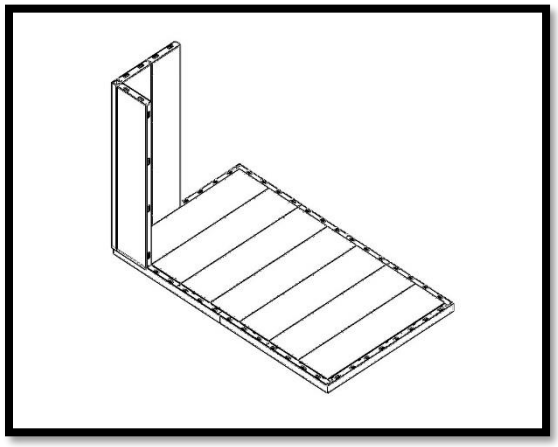


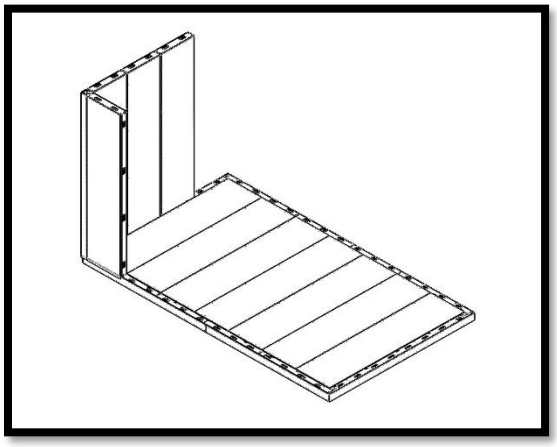
2) **Attach the Next Wall Panel (WP-22)**: Connect the next **Wall Panel (WP-22)** to the **Corner post (CP-95)** using the cam locks. Secure the wall to the floor by locking the lower two cam lock holes.

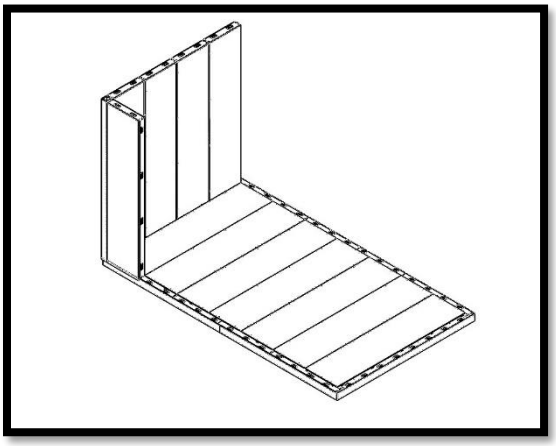


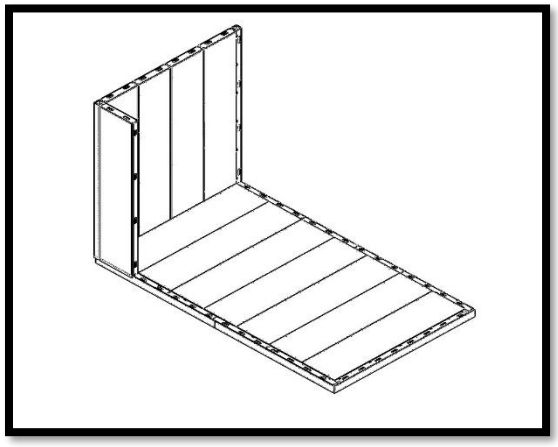


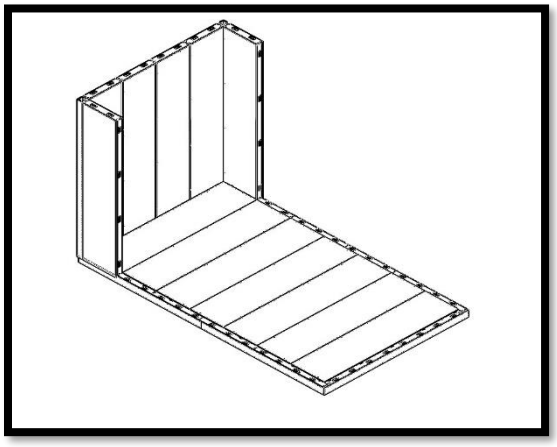
3) **Continue Assembly**: Follow the selected layout and proceed by connecting the next panel in sequence.

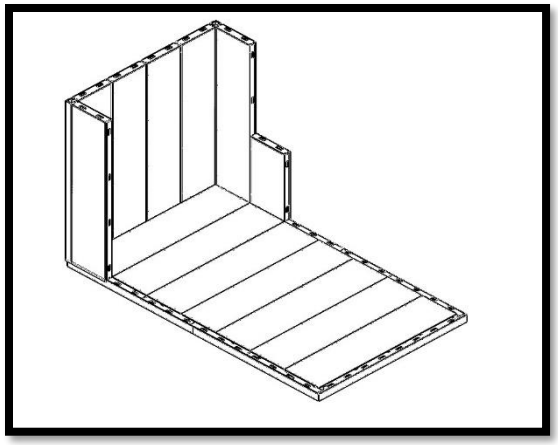


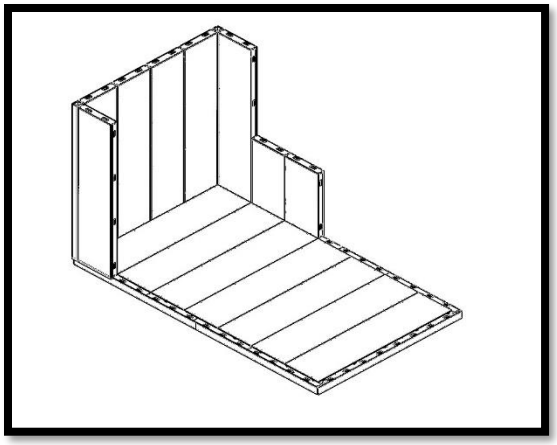


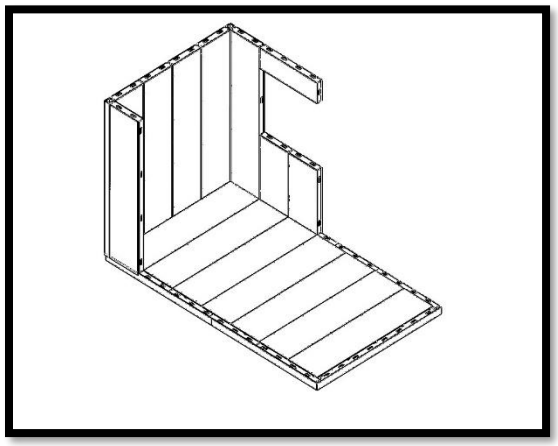


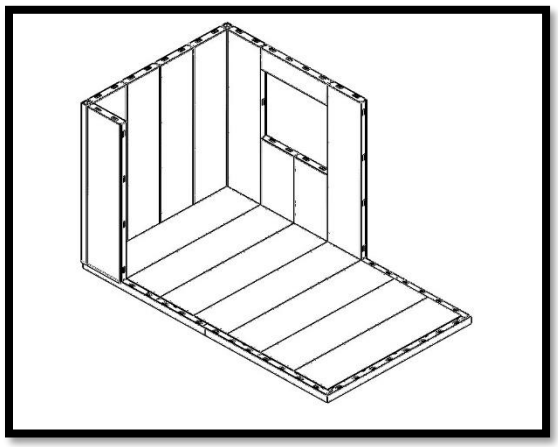


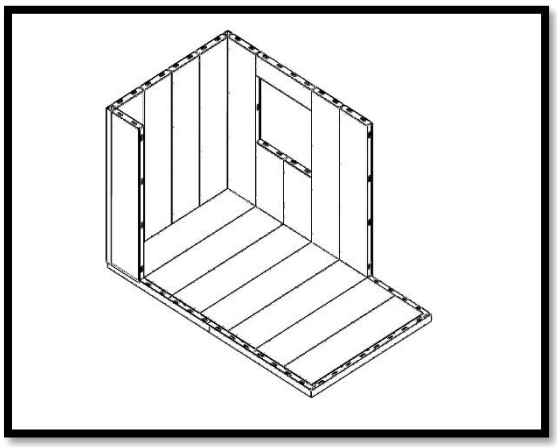


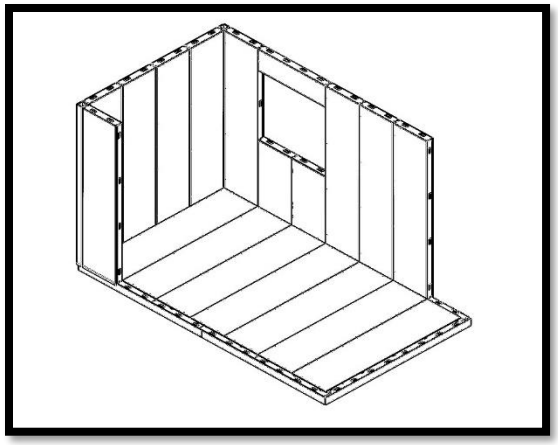


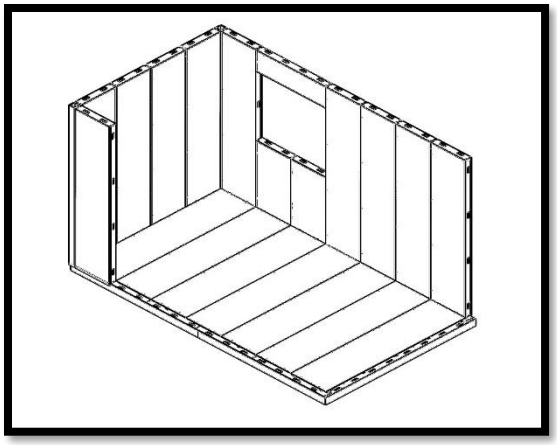


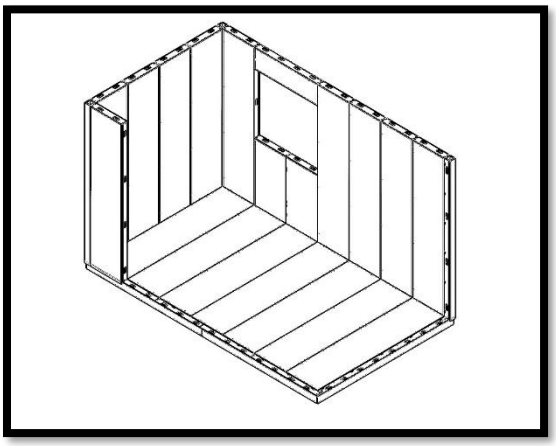


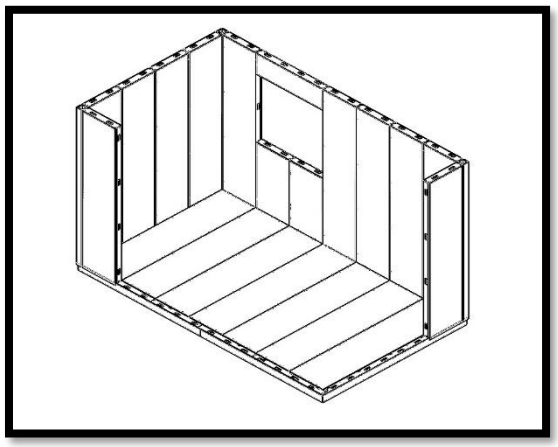


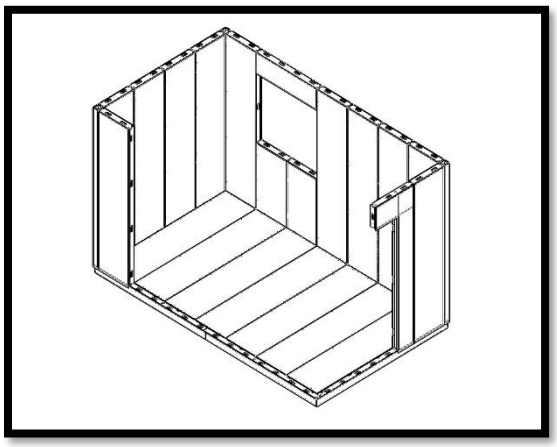


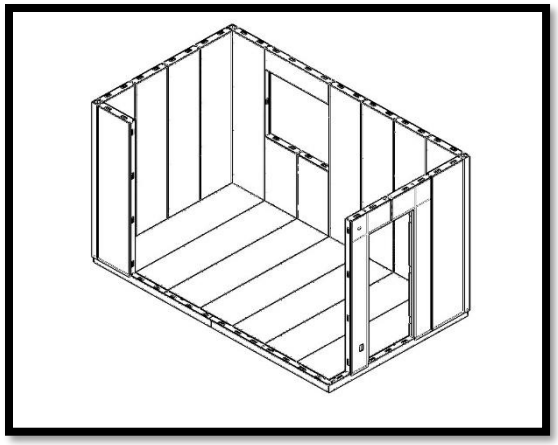


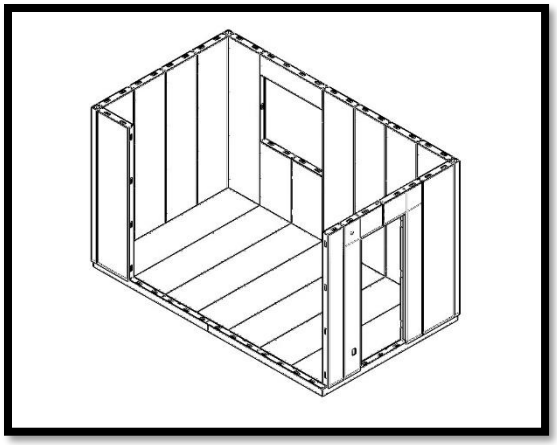


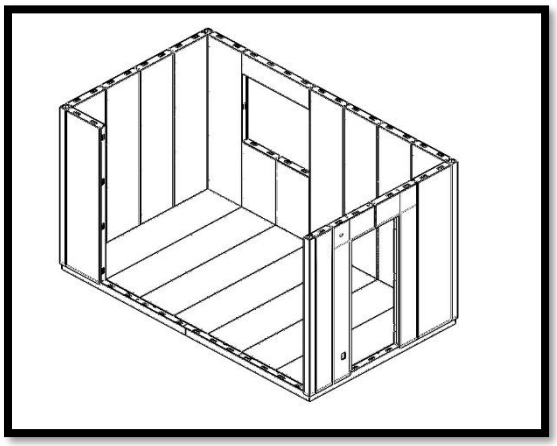


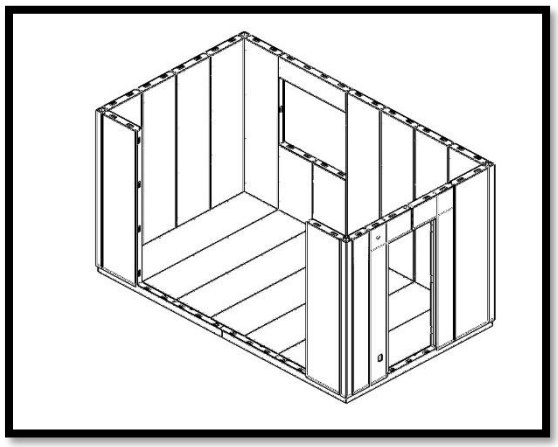


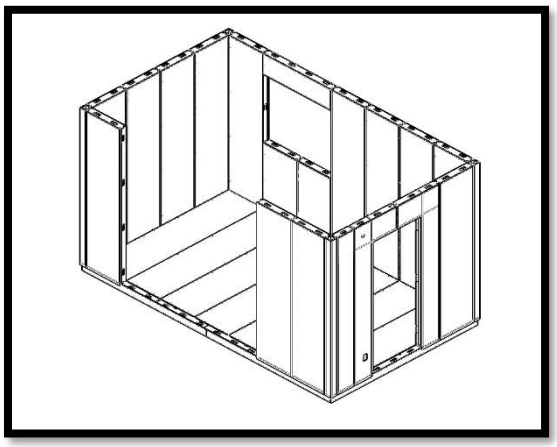


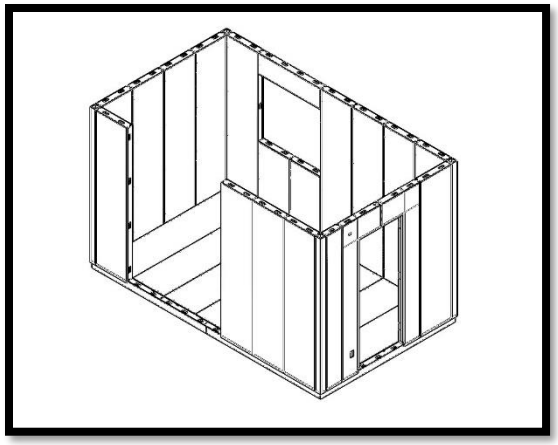


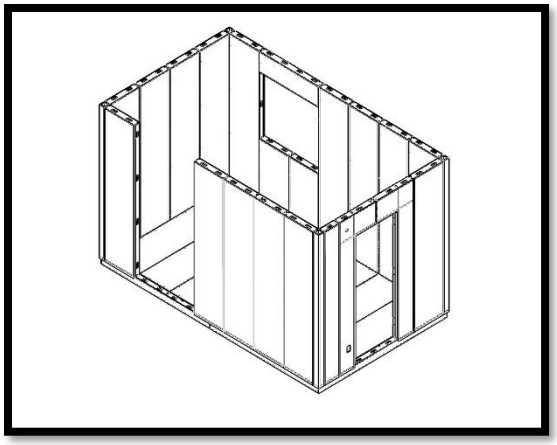


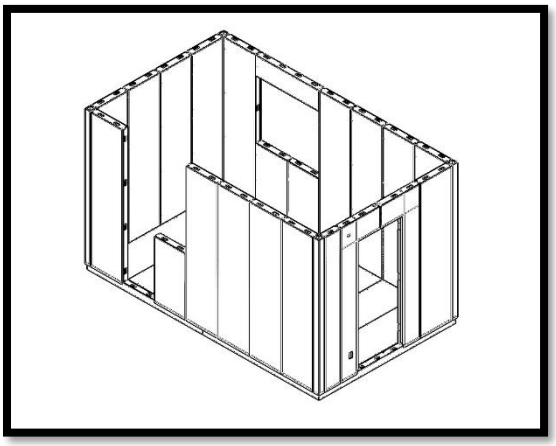


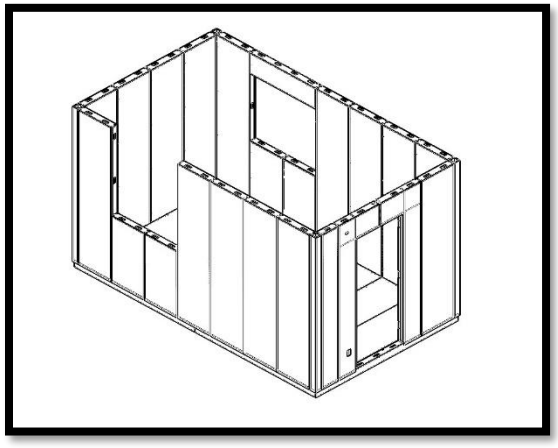


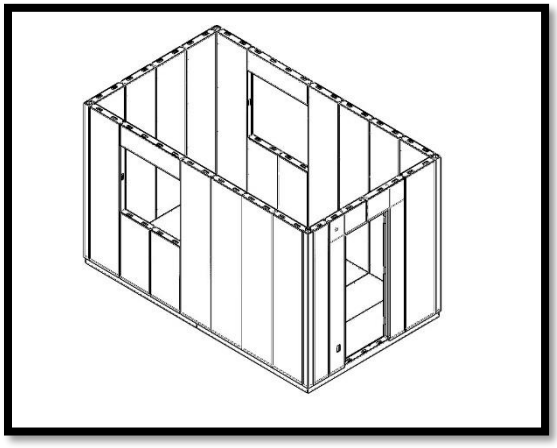






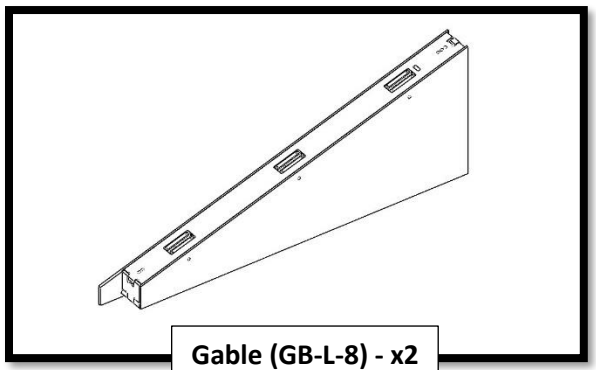




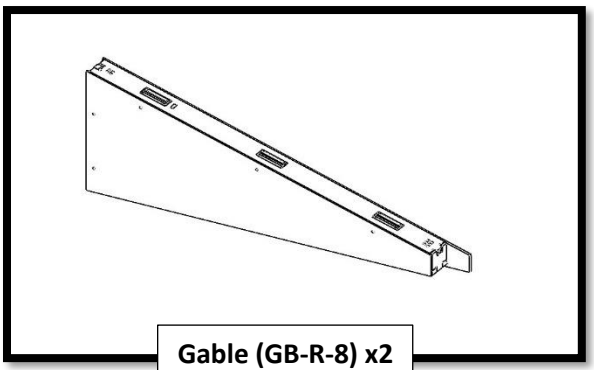


Final Check: Ensure that all cam locks are securely fastened, both between the walls and the floor connections.

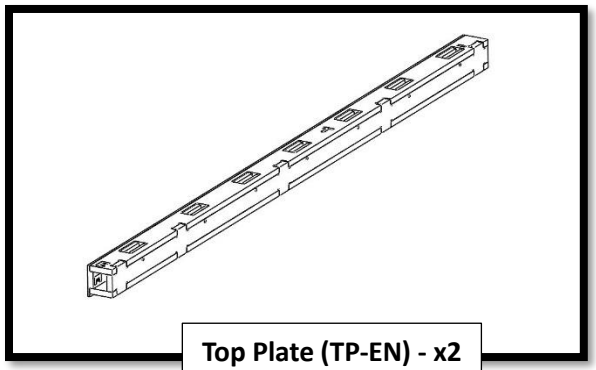
Roof Instructions



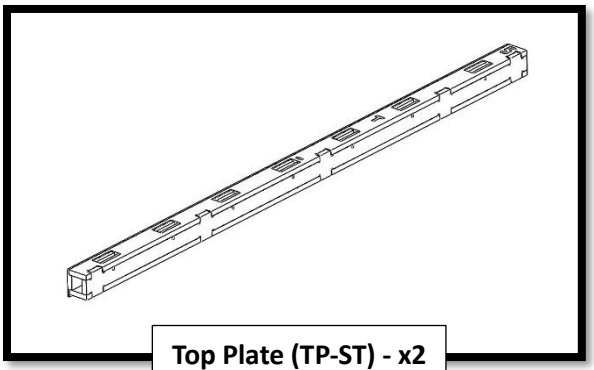
Gable (GB-L-8) - x2



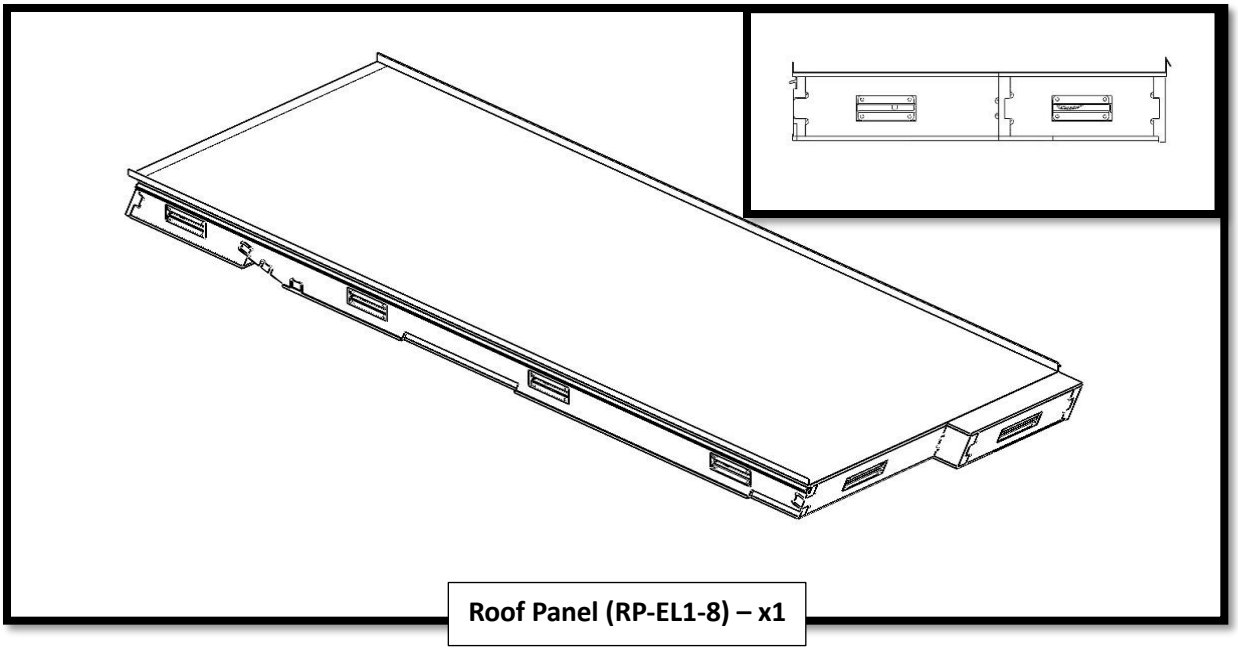
Gable (GB-R-8) x2



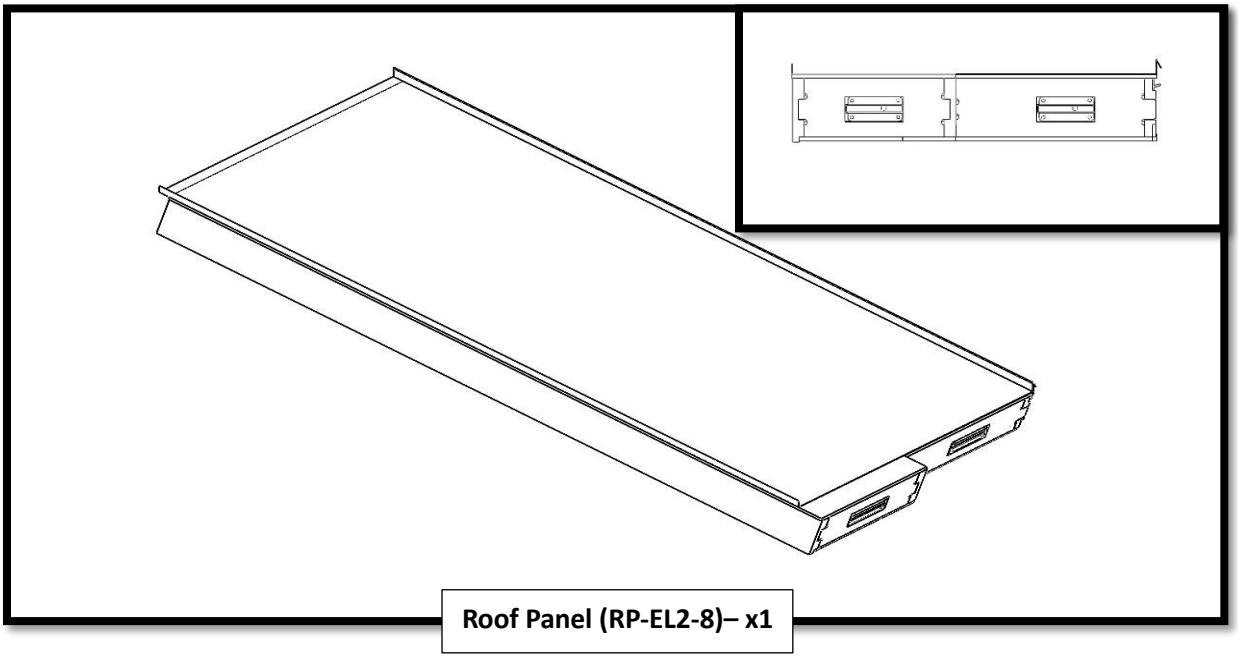
Top Plate (TP-EN) - x2



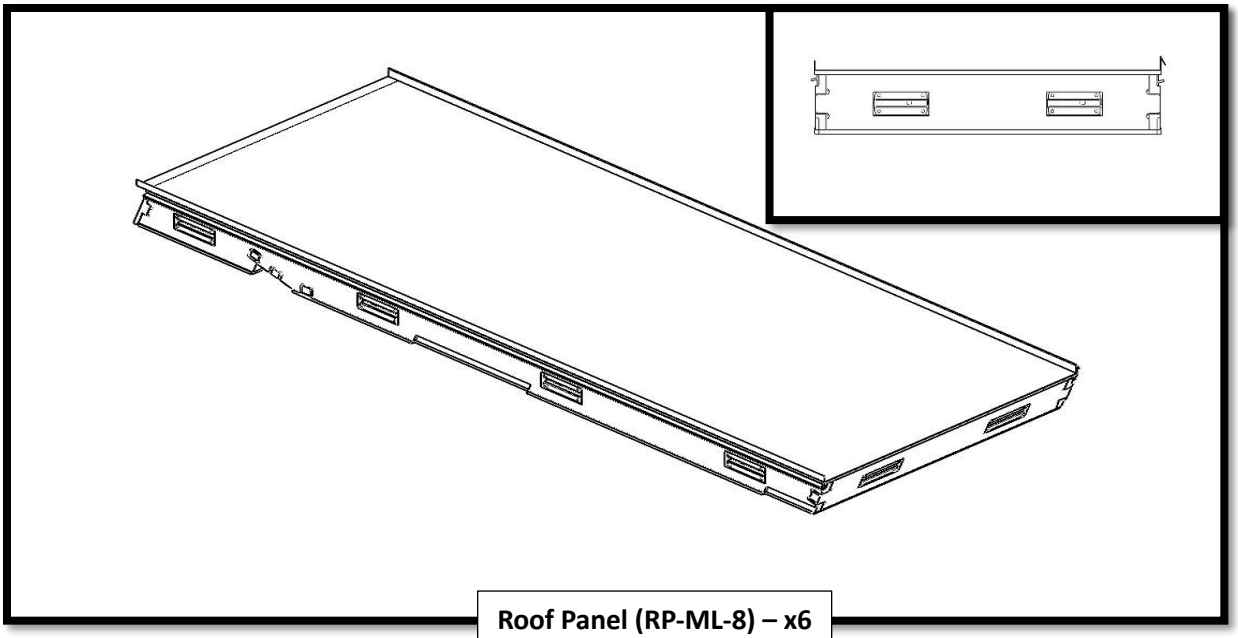
Top Plate (TP-ST) - x2



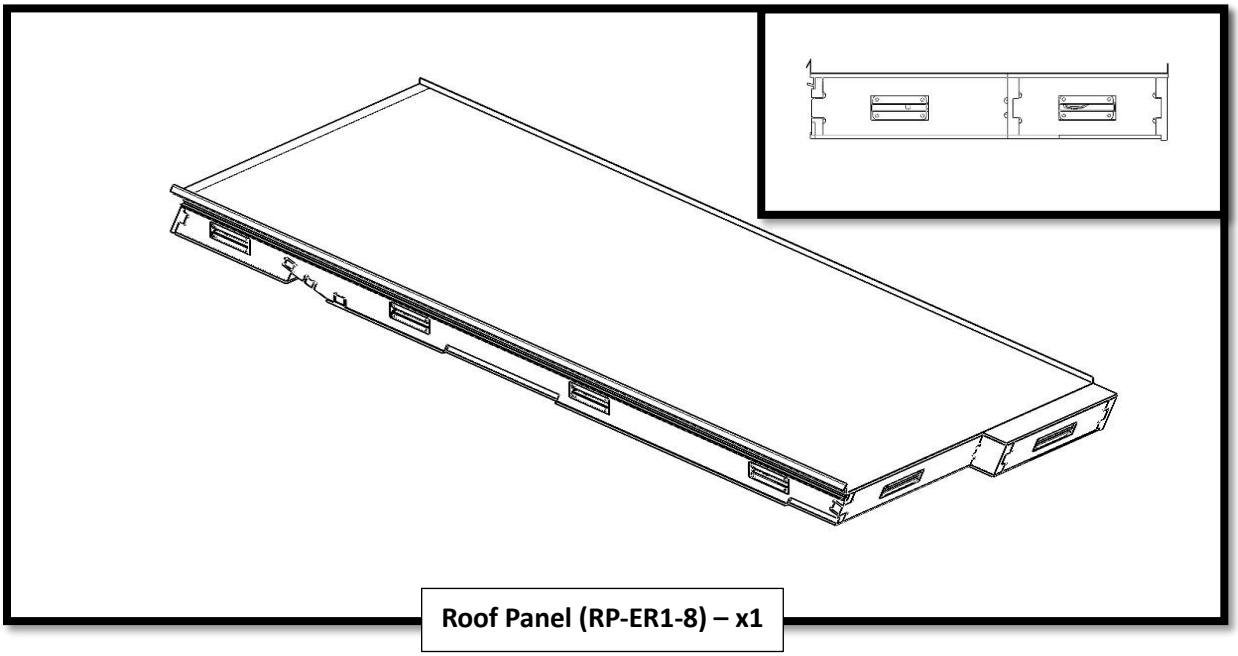
Roof Panel (RP-EL1-8) – x1



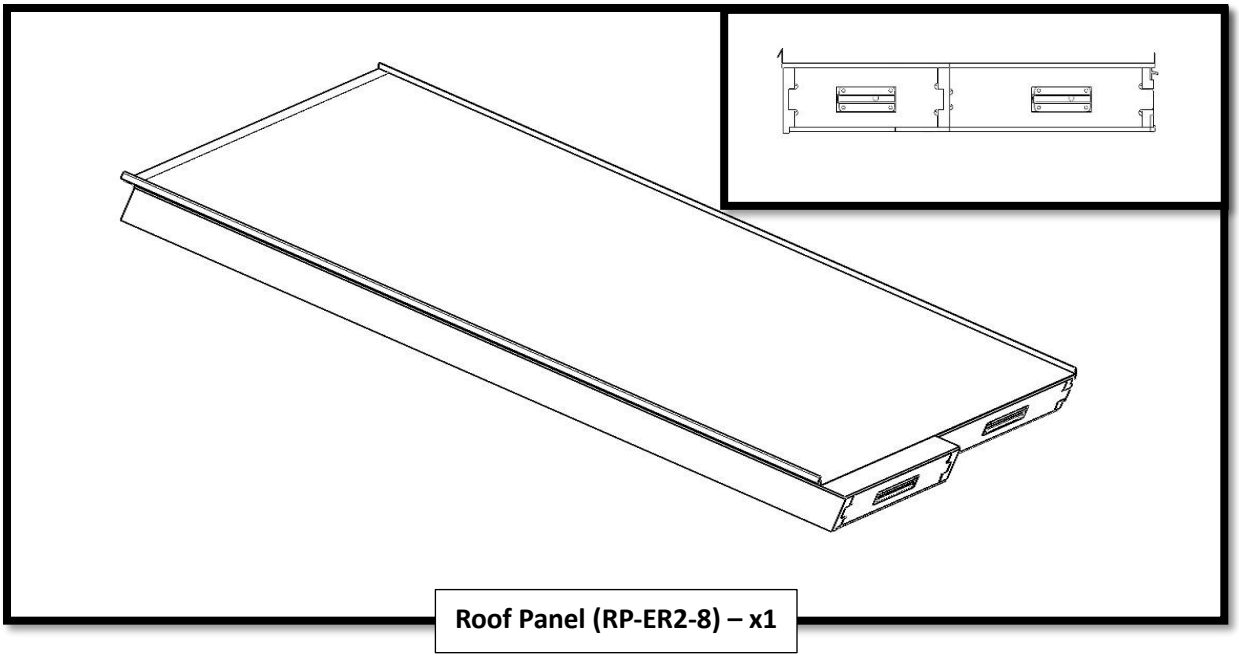
Roof Panel (RP-EL2-8)– x1



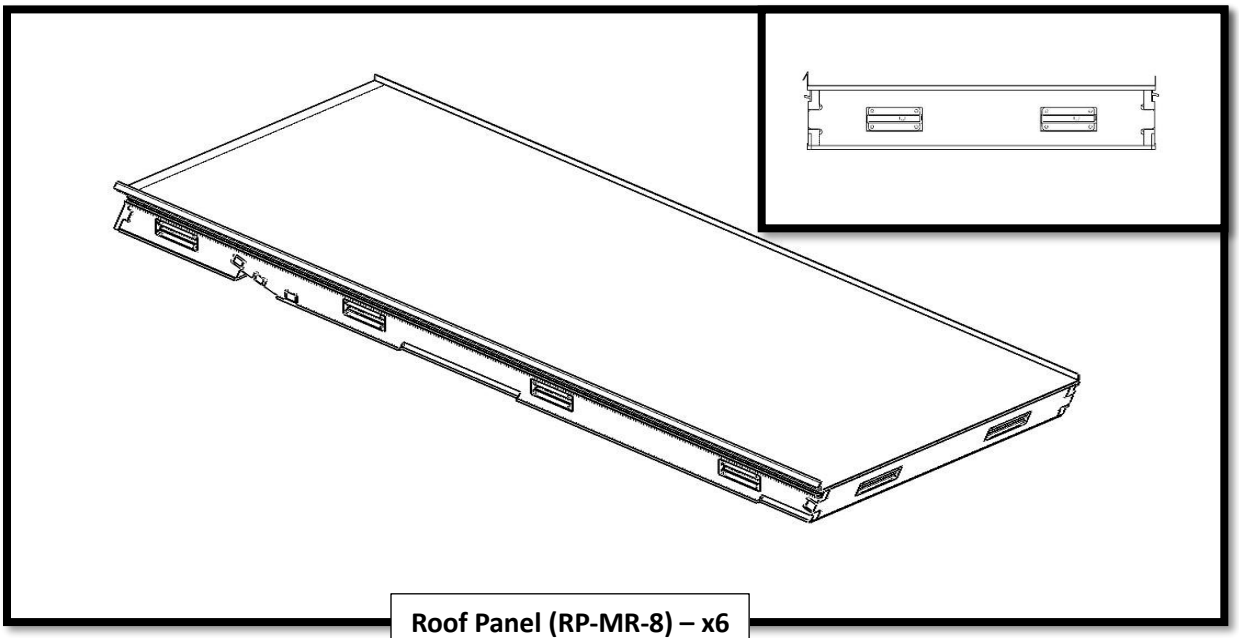
Roof Panel (RP-ML-8) – x6



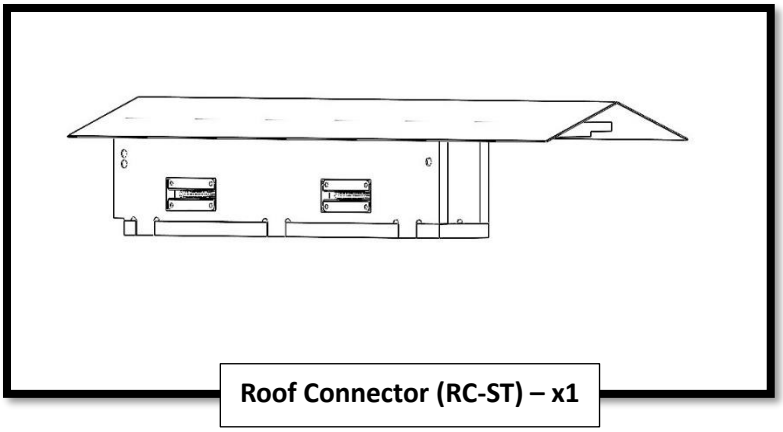
Roof Panel (RP-ER1-8) – x1



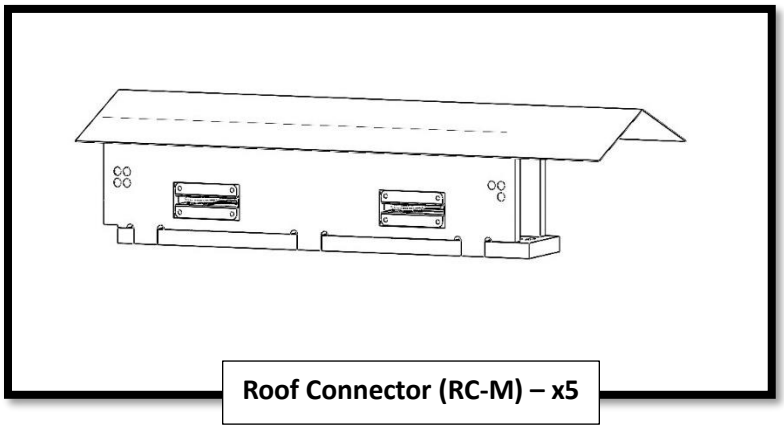
Roof Panel (RP-ER2-8) – x1



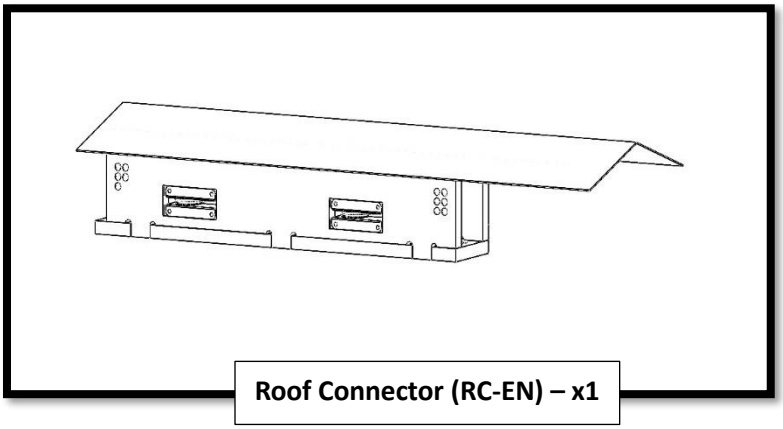
Roof Panel (RP-MR-8) – x6



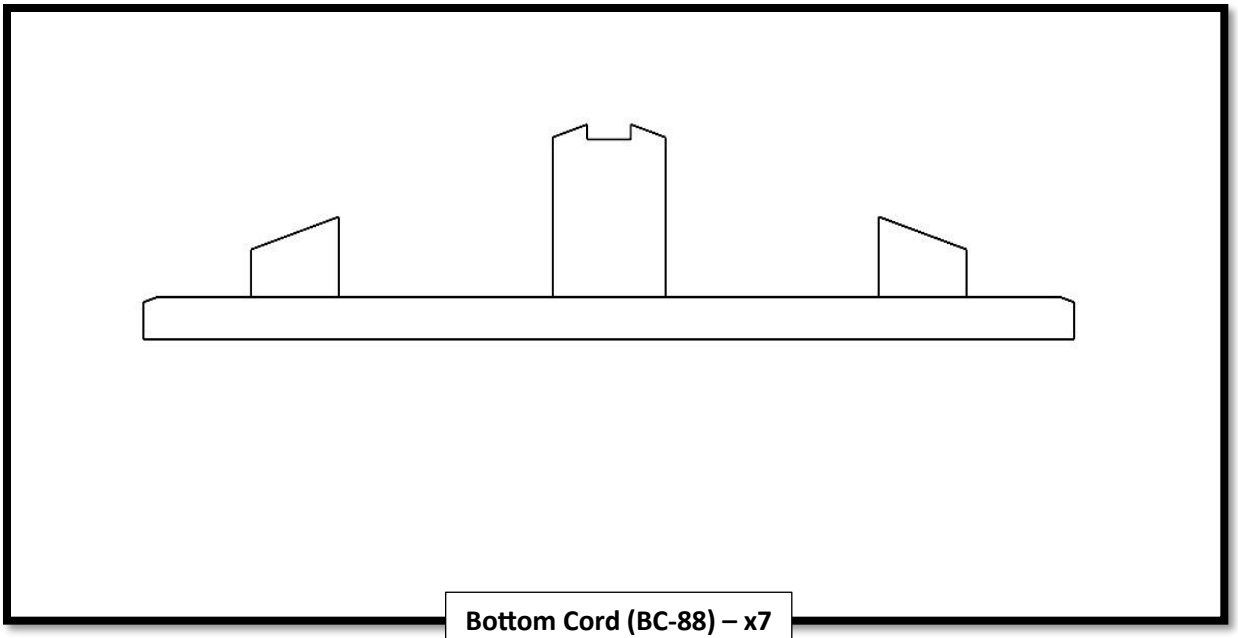
Roof Connector (RC-ST) – x1



Roof Connector (RC-M) – x5



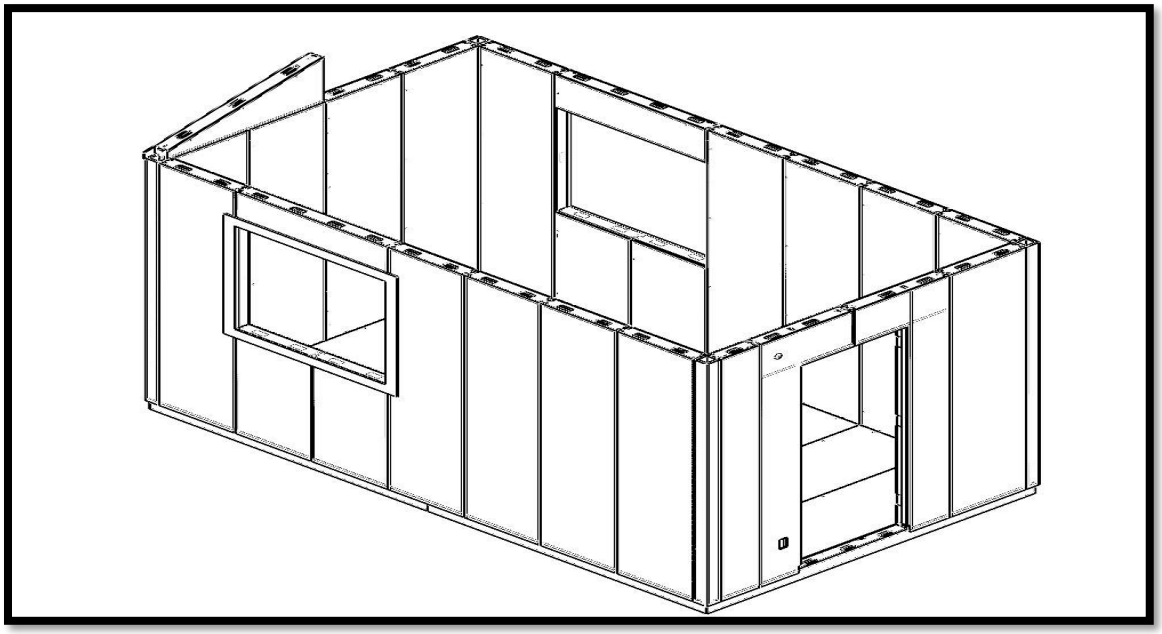
Roof Connector (RC-EN) – x1



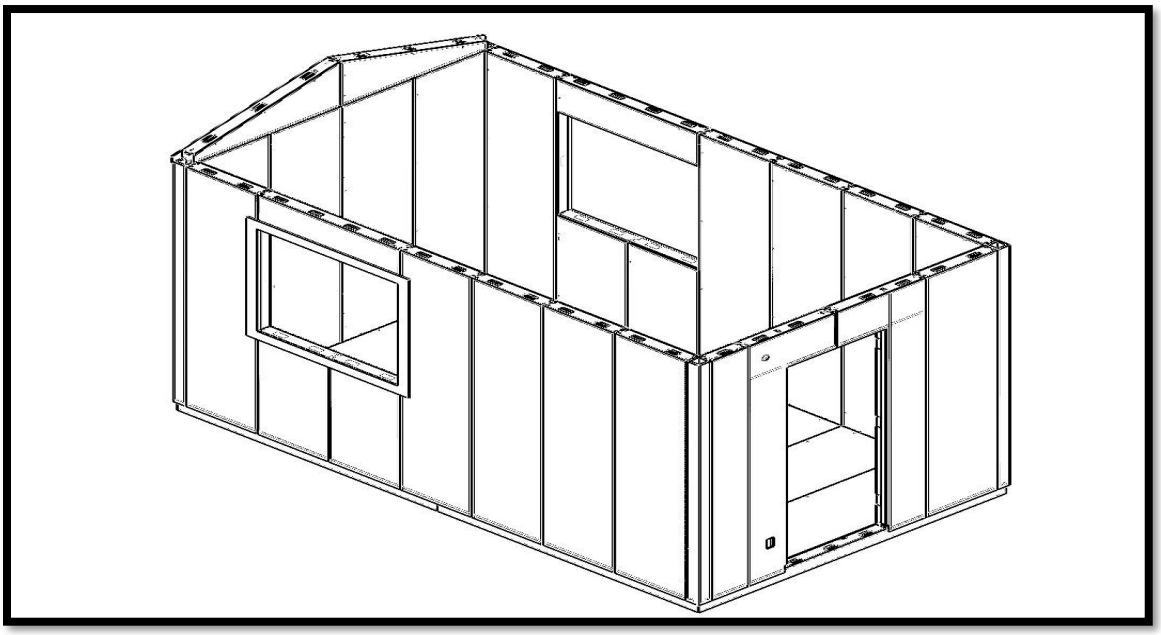
Bottom Cord (BC-88) – x7

1) **Position the Gable (GB-L-8)**: Starting from one side, place the **Gable (GB-L-8)** panel above the wall panels. The Gable should be positioned on the 8-foot width section of

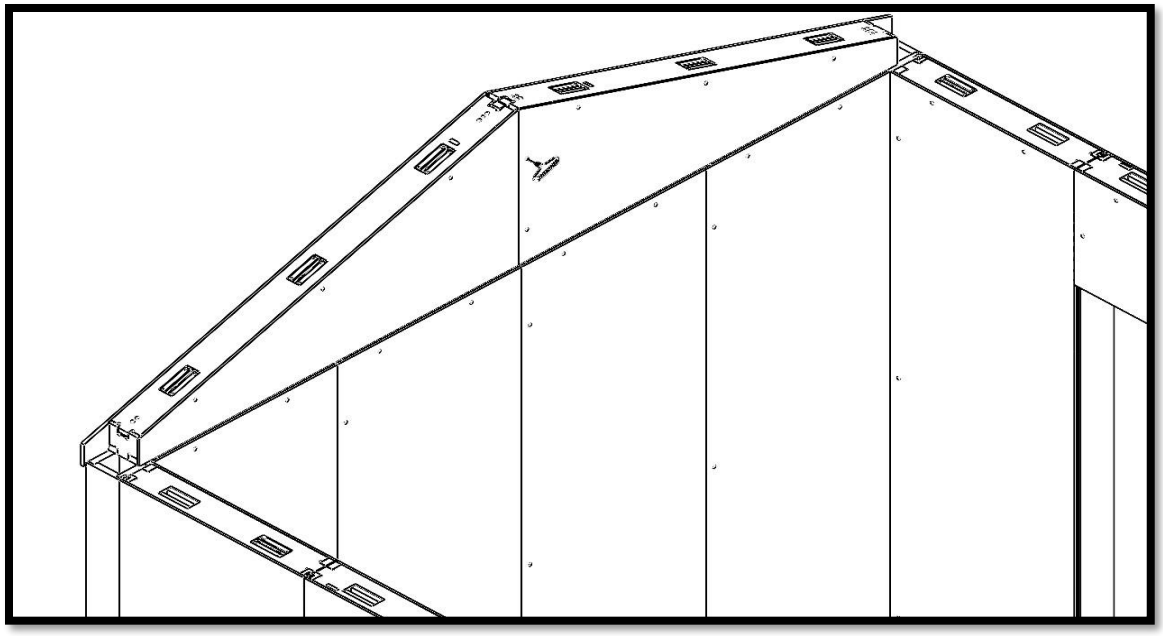
the building and can be installed from either the front or the back.



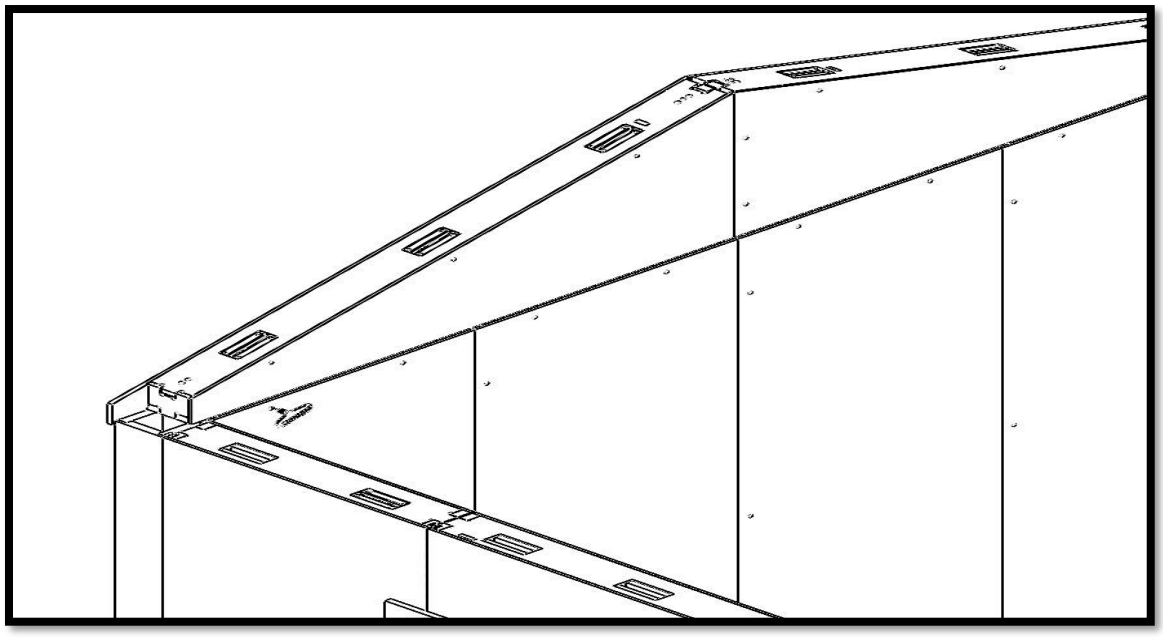
2) **Position the Gable (GB-R-8)**: Place the **Gable (GB-R-8)** next to the **Gable (GB-L-8)**, as shown in the image below.



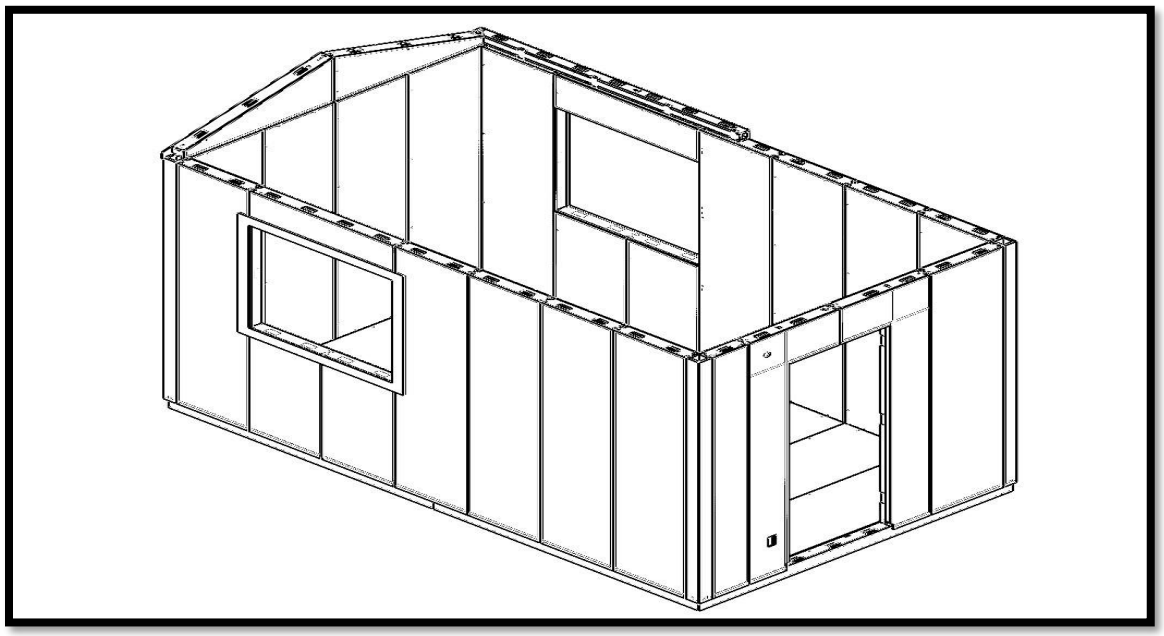
3) **Secure the Gables**: Lock the two gables together using the cam locks located in the center of the **Gable (GB-R-8)**.

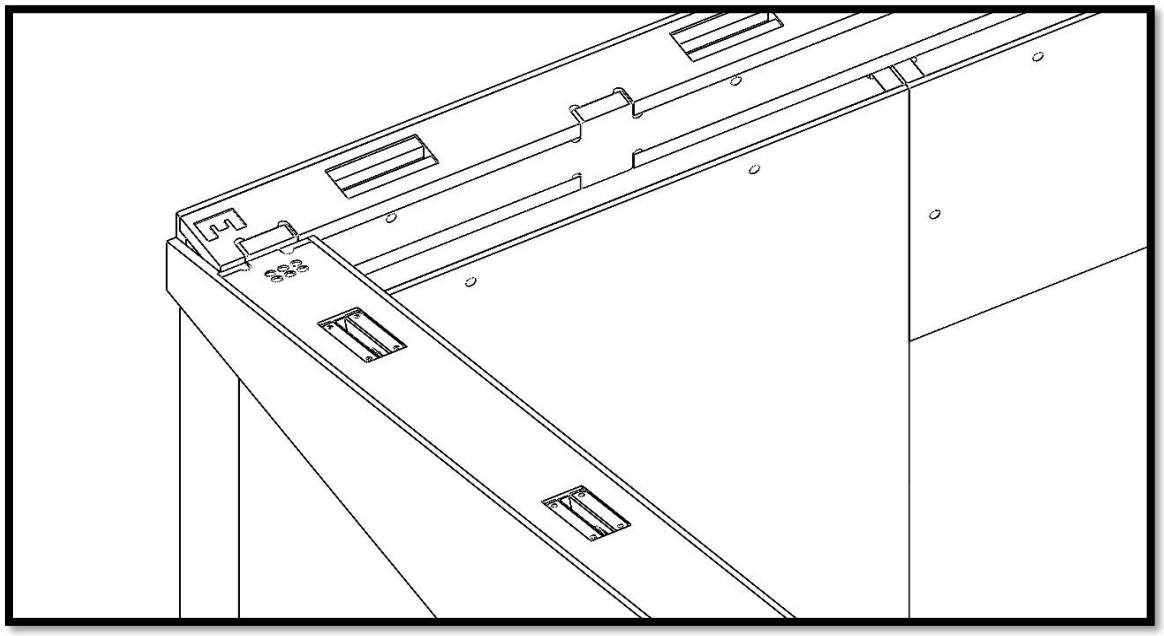


4) **Attach the Gables to the Wall**: Secure both gables to the wall panels using the cam locks, as shown in the image below.

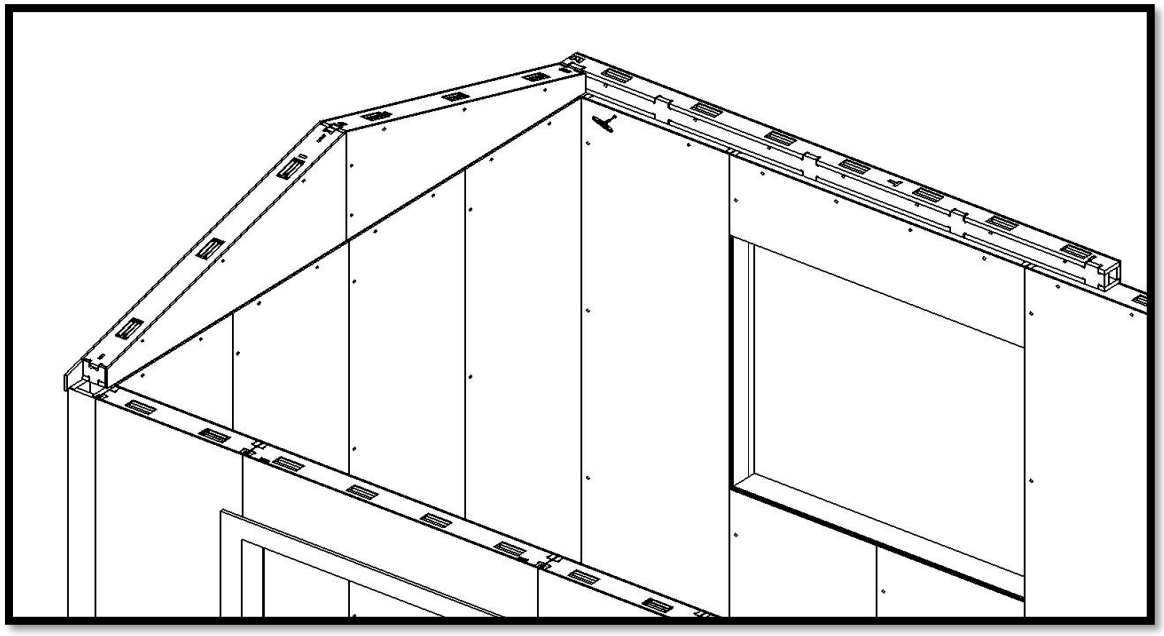


5) **Position the Top Plate (TP-EN):** Place the **Top Plate (TP-EN)** above the wall panels, as shown below. Ensure that the Top Plate is tightly secured against the gables, as illustrated in the second image

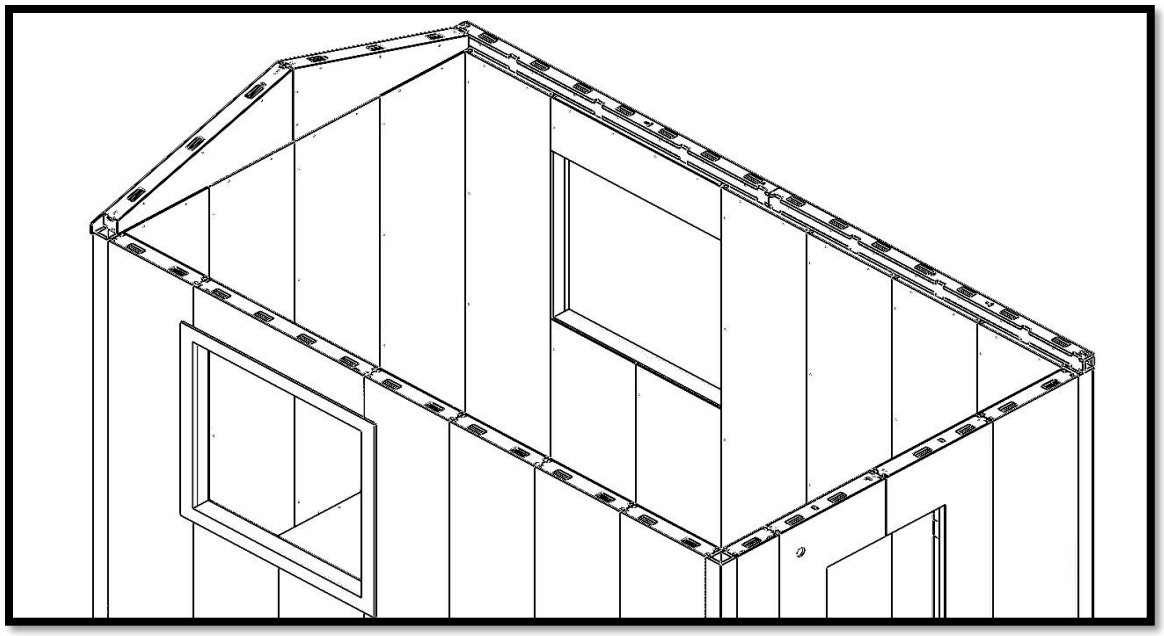


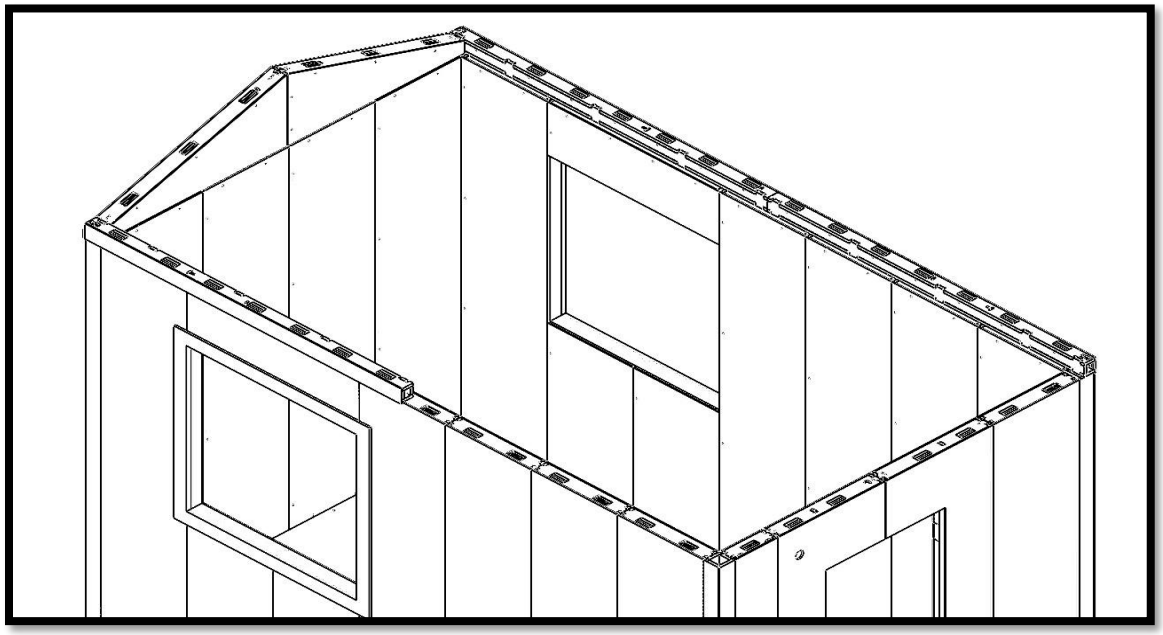


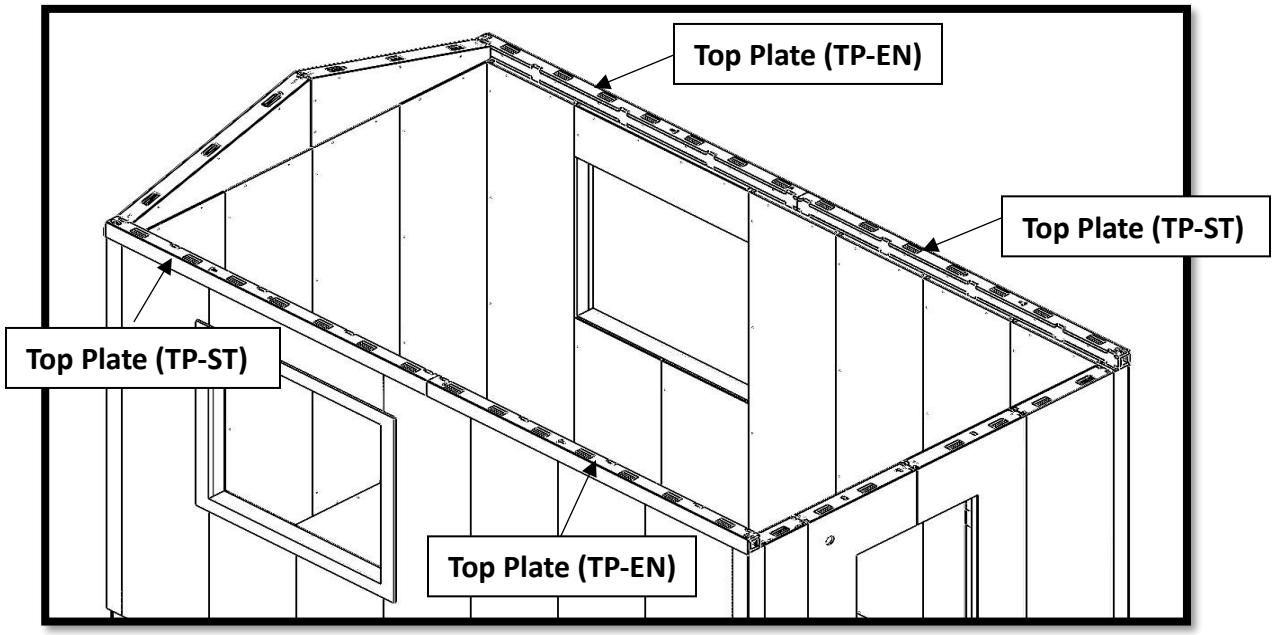
6) **Secure the Top Plate**: Lock the **Top Plate (TP-EN)** to the wall panels using the cam lock holes located at the top of the wall panels.



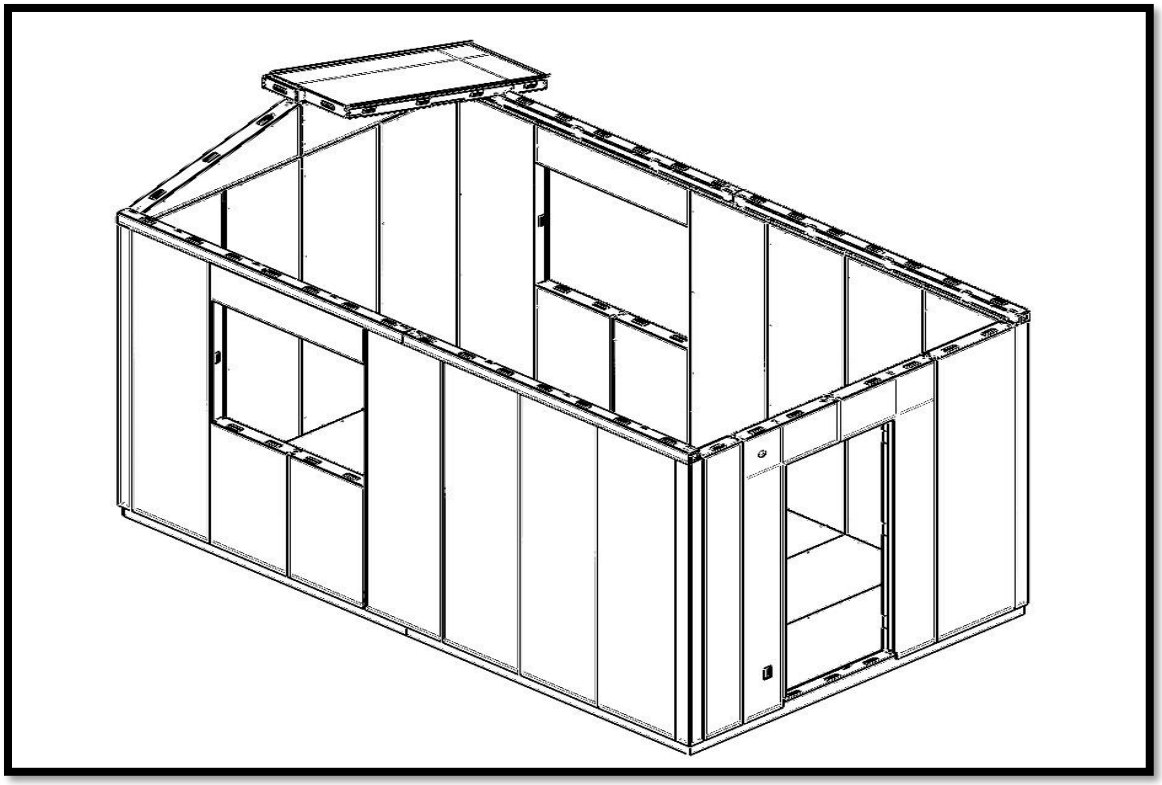
7) **Complete the Top Plates**: Repeat steps 5 and 6 to secure the remaining top plates.

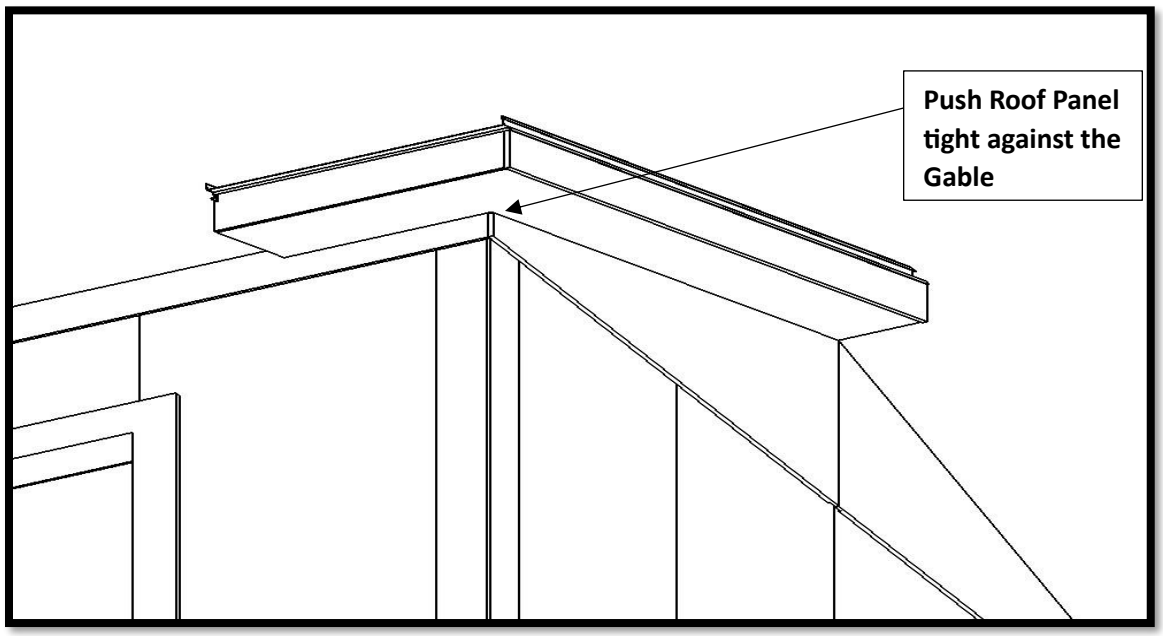




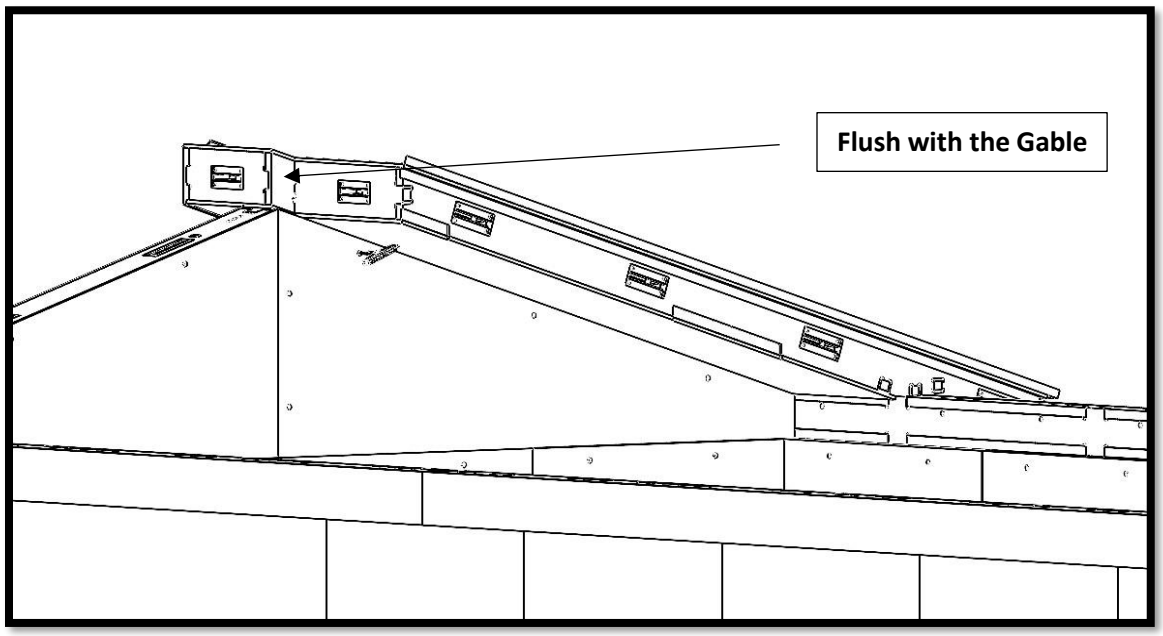

Top Plate (TP-EN)
Top Plate (TP-ST)
Top Plate (TP-ST)
Top Plate (TP-EN)

8) **Position Roof Panel (RP-ER2-8)**: Place the **Roof Panel (RP-ER2-8)** onto the gable and top plate, as shown below. Ensure that the roof panel is tightly secured against the top plate, as illustrated in the second image

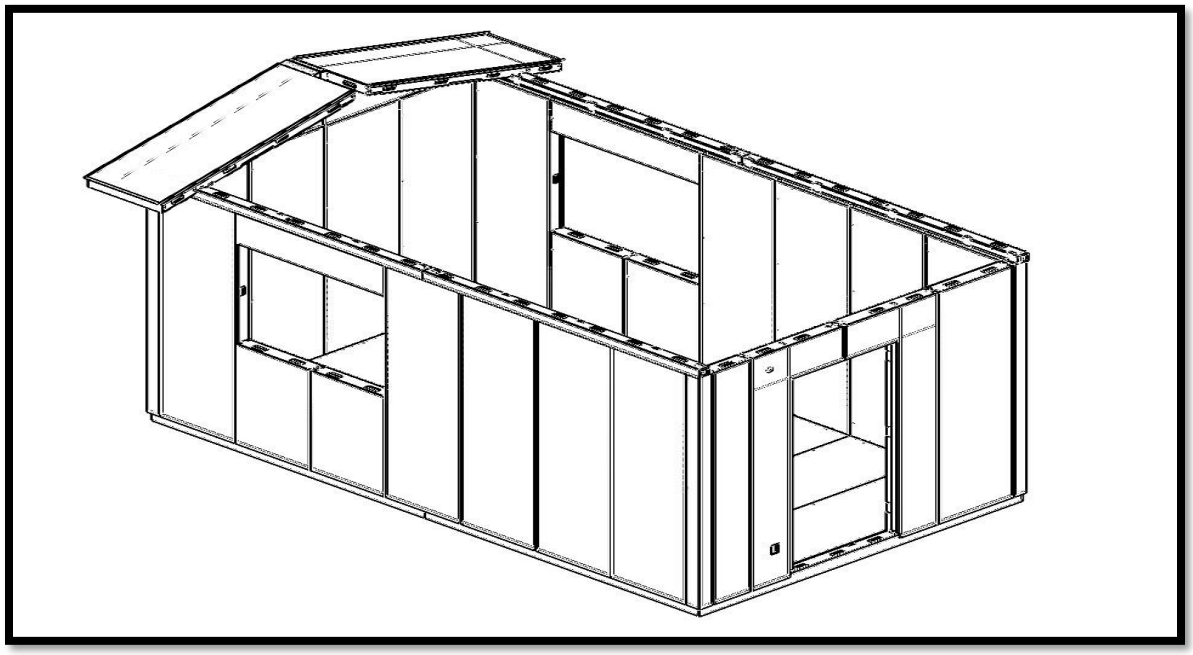


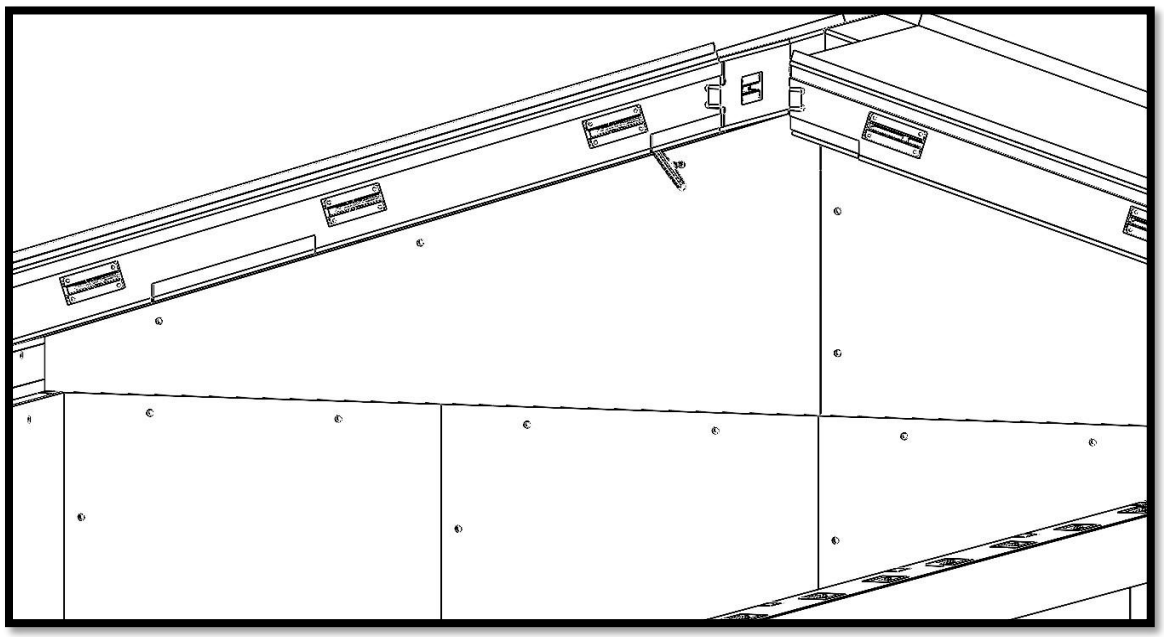


9) **Secure the Roof Panel (RP-ER2-8)**: Lock the **Roof Panel (RP-ER2-8)** to the gable, as shown below. To align the holes, ensure the edge of the roof panel is flush against the gable.

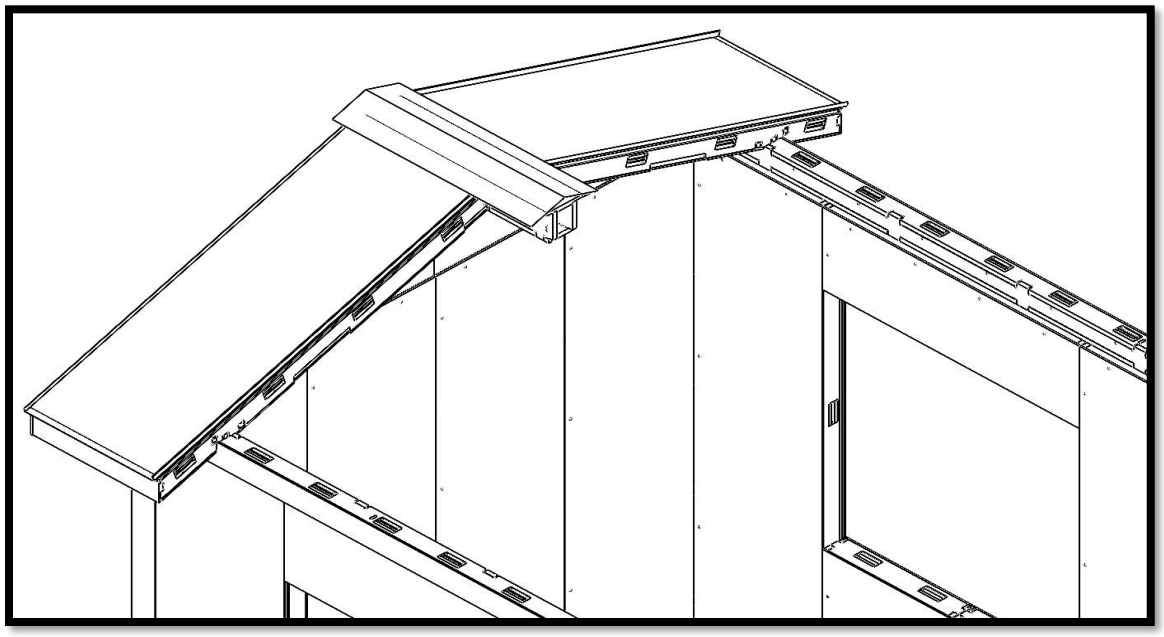


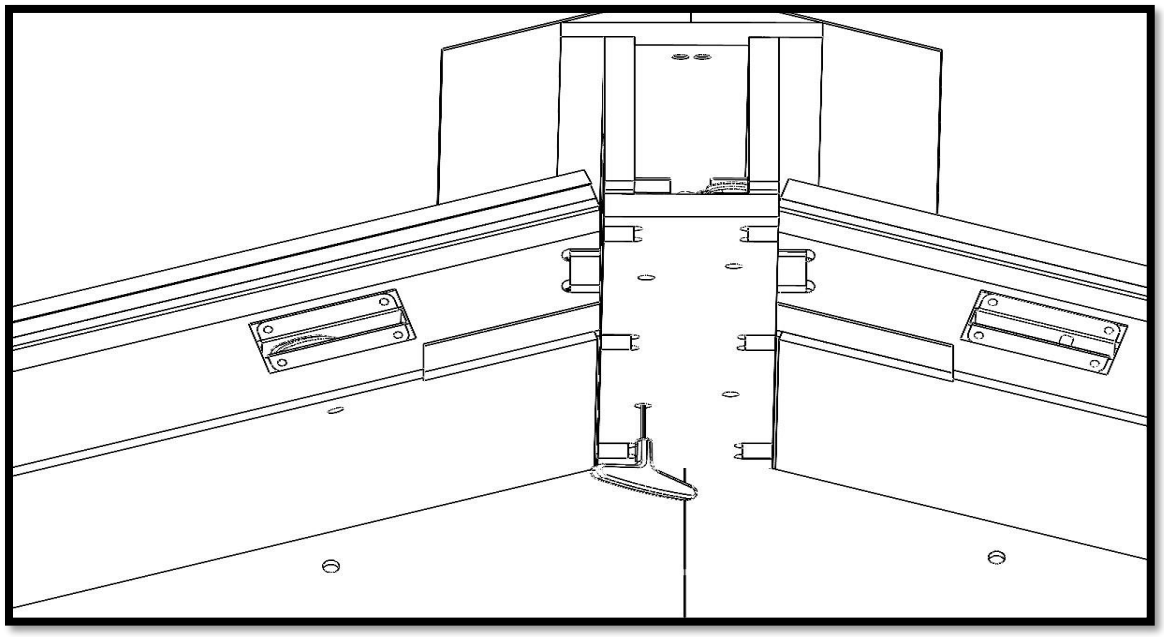
10) **Position the Roof Panel (RP-EL1-8)**: Place the **Roof Panel (RP-EL1-8)** onto the opposite gable and secure it using the cam locks, following steps 8 and 9.



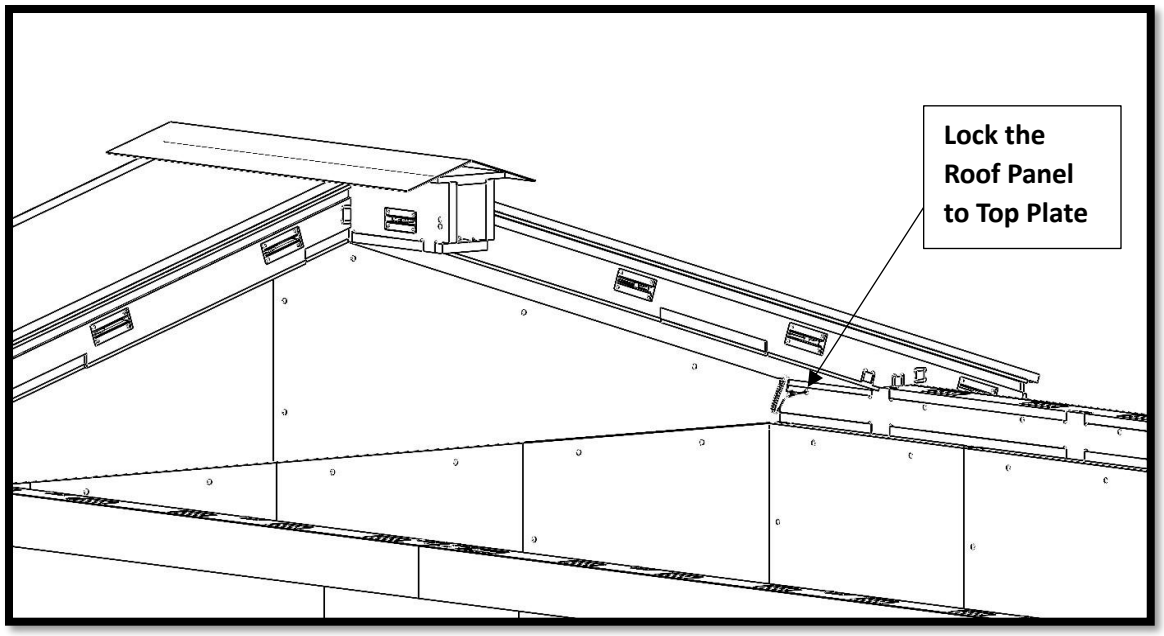


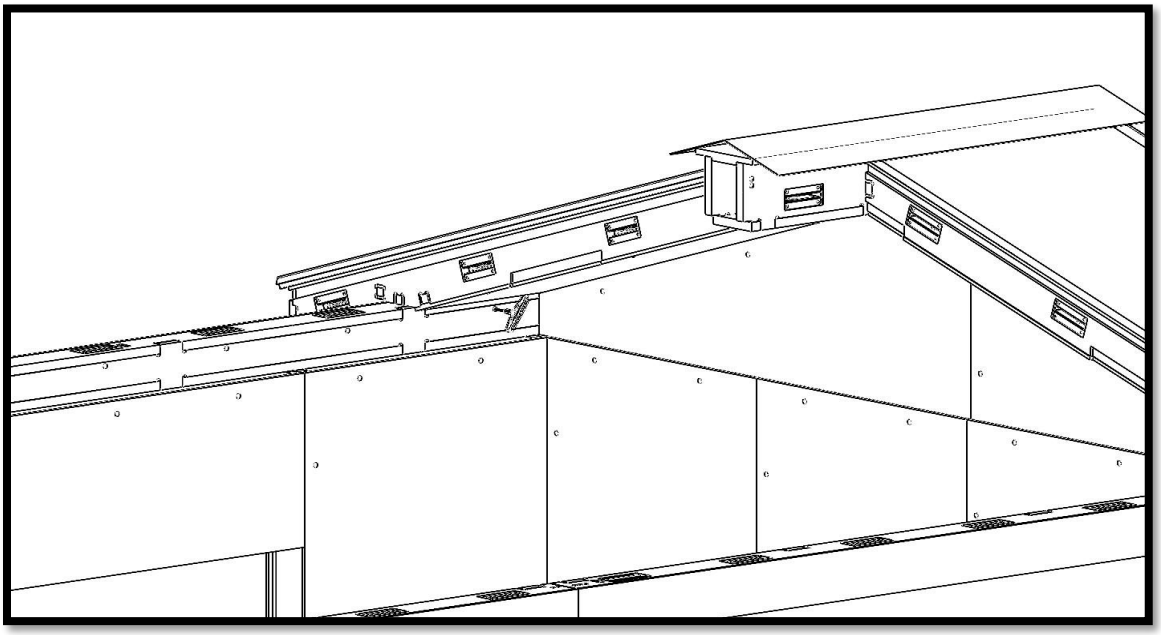
11) **Position the Roof Connector (RC-ST)**: Place the **Roof Connector (RC-ST)** as shown below. Secure the Roof Connector to the Roof panels using the last two cam lock holes. If necessary, use a mallet to position the Roof Ridge. One side of the ridge should be tight against the gable.



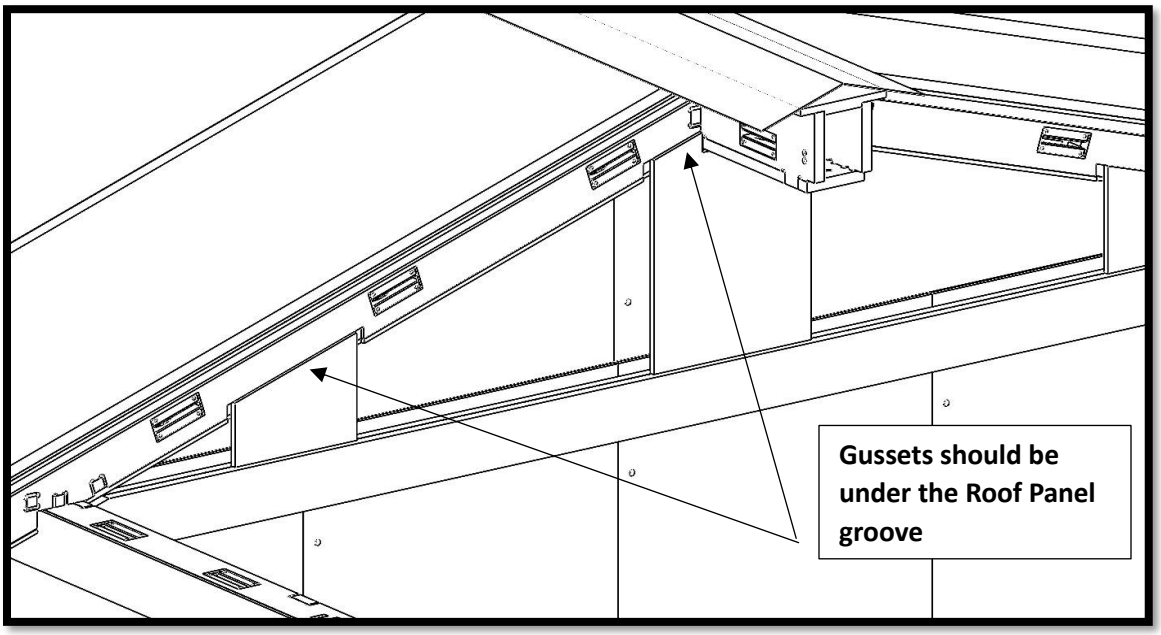


12) **Secure the Roof Panels to the Top Plate**: Return to the roof panels and lock them to the top plate. Repeat this process for both roof panels

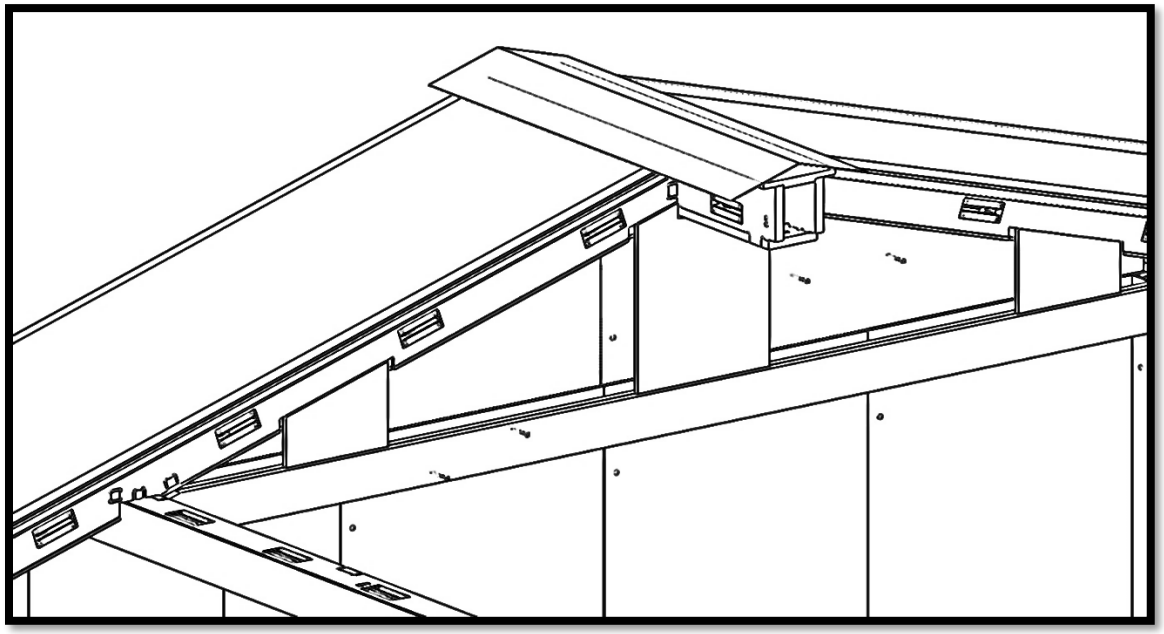


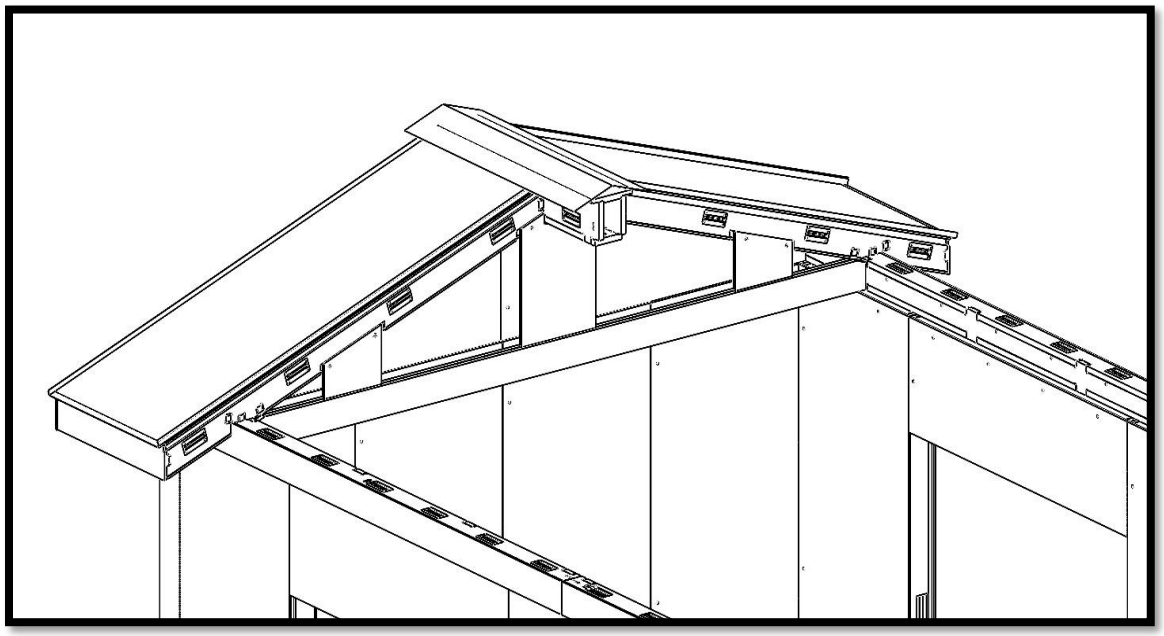


13) **Position the Bottom Cord (BC-88)**: Place the **Bottom Cord (BC-88)** against the roof panels, as shown below. Ensure the gussets sit securely on the roof panels. You may need to lift a roof panel and roof ridge to properly position the **Bottom Cord (BC-88)**.



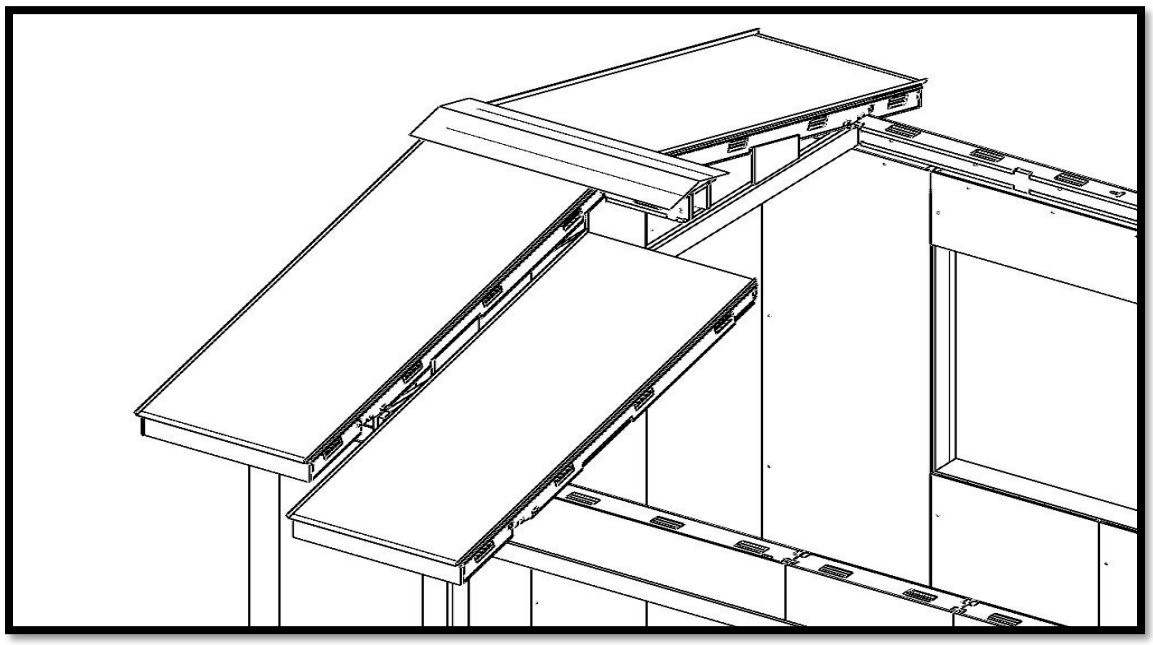
14) **Secure the Gussets**: Screw the gussets to the roof panels. Double-check to ensure the gussets are properly seated in the roof panel groove, as shown in step 13



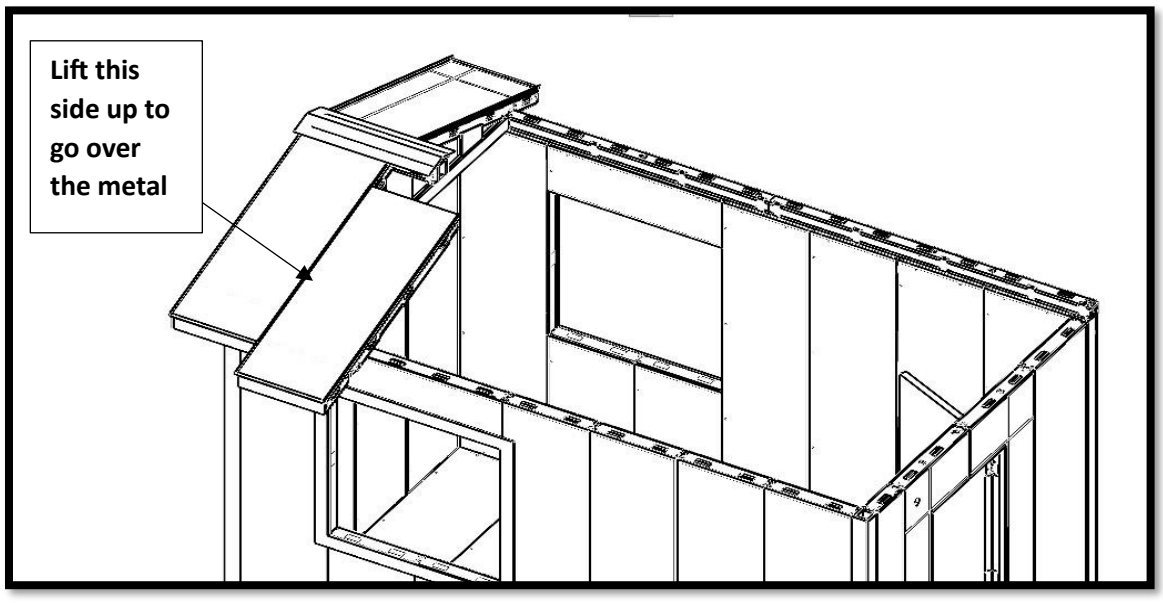


15) **Position the Roof Panel (RP-ML-8)**: Place the **Roof Panel (RP-ML-8)** panel next to the **Roof Panel (RP-EL1-8)**. Follow the steps below to position the panel:

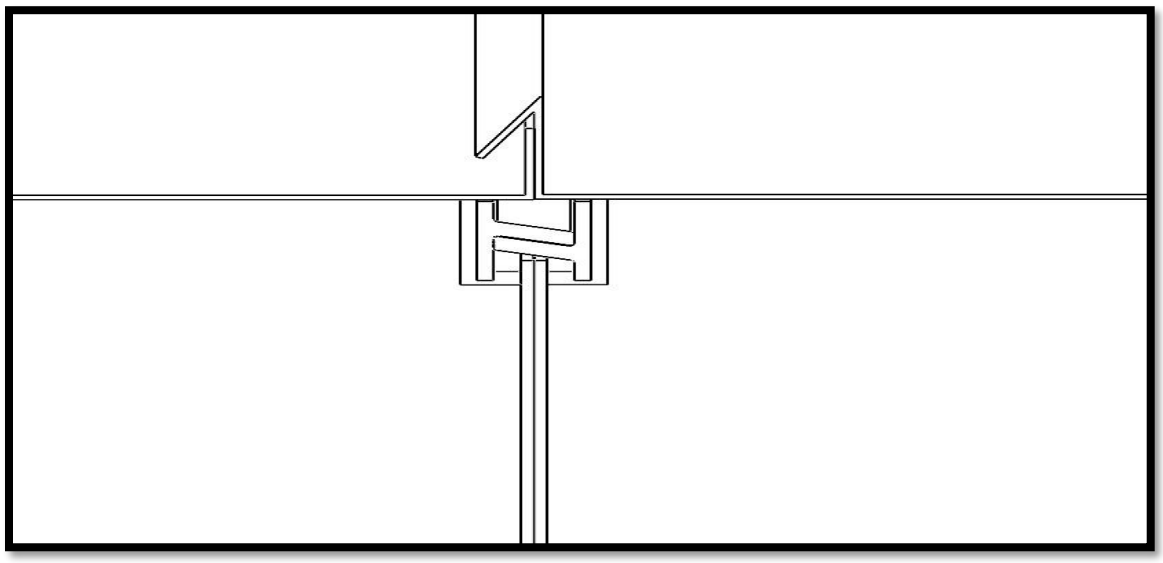
- Ensure the **Roof Panel (RP-ML-8)** panel is positioned below the **Roof Connector**.



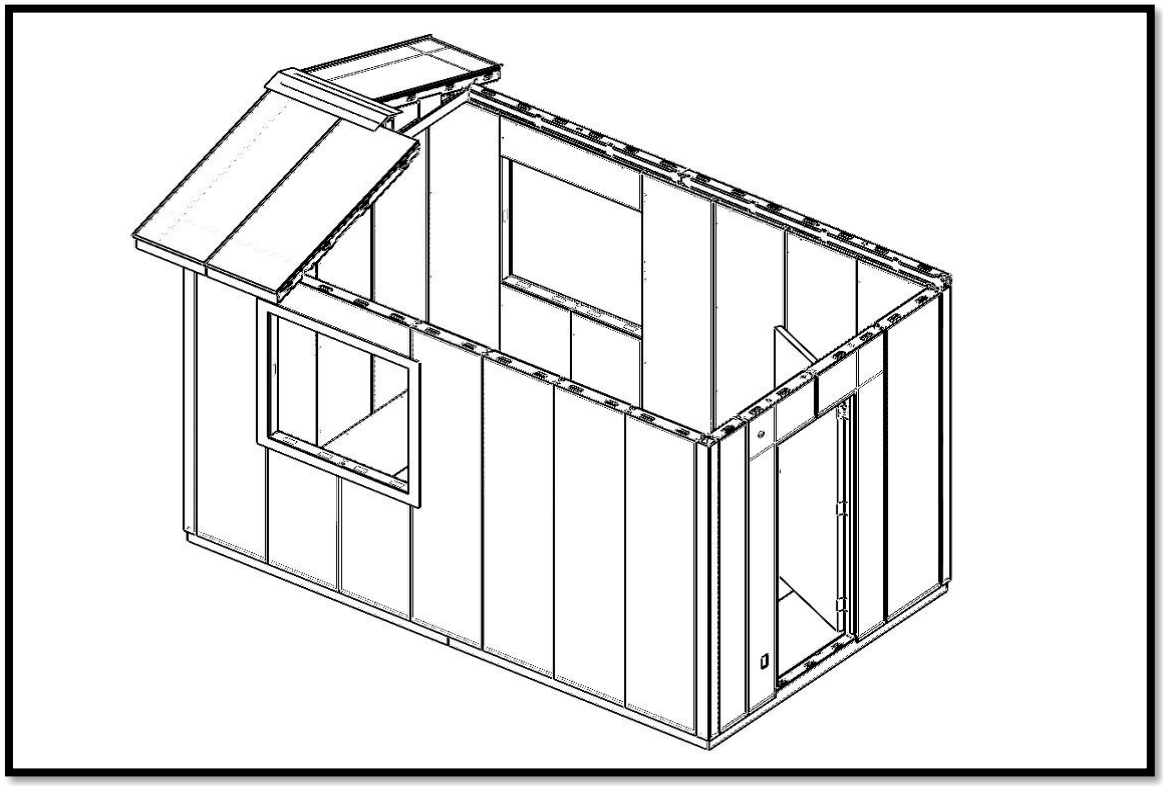
- Lift the left side of the **Roof Panel (RP-ML-8)** and place it on top of the **Roof Panel (RP-EL1-8)**



- From the outside, the metal should appear as shown below.

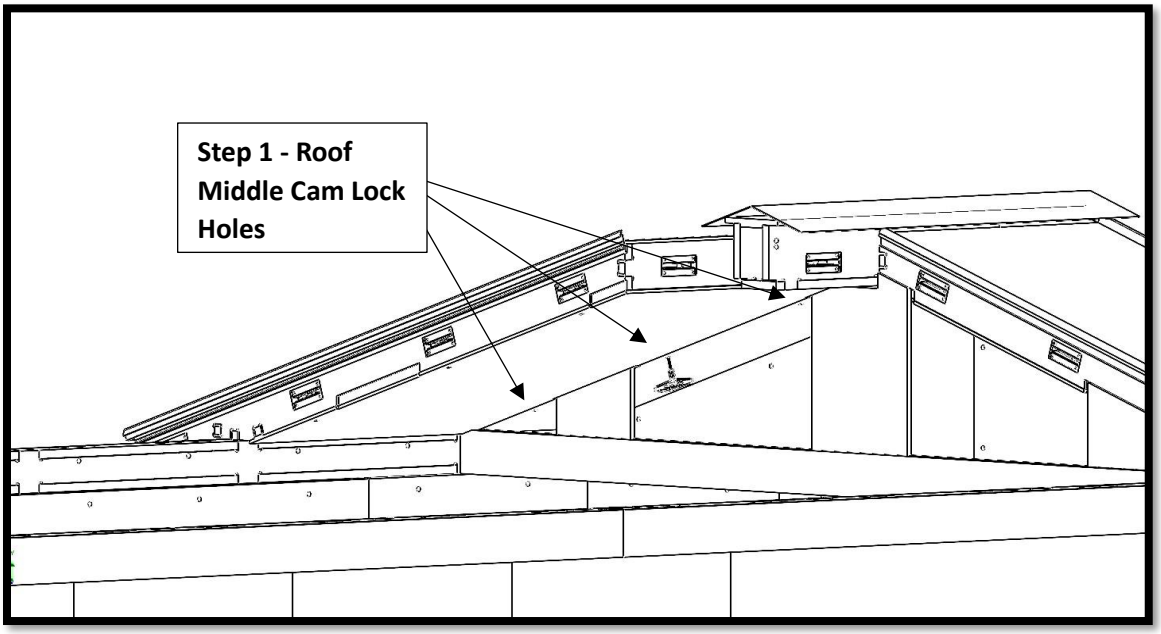


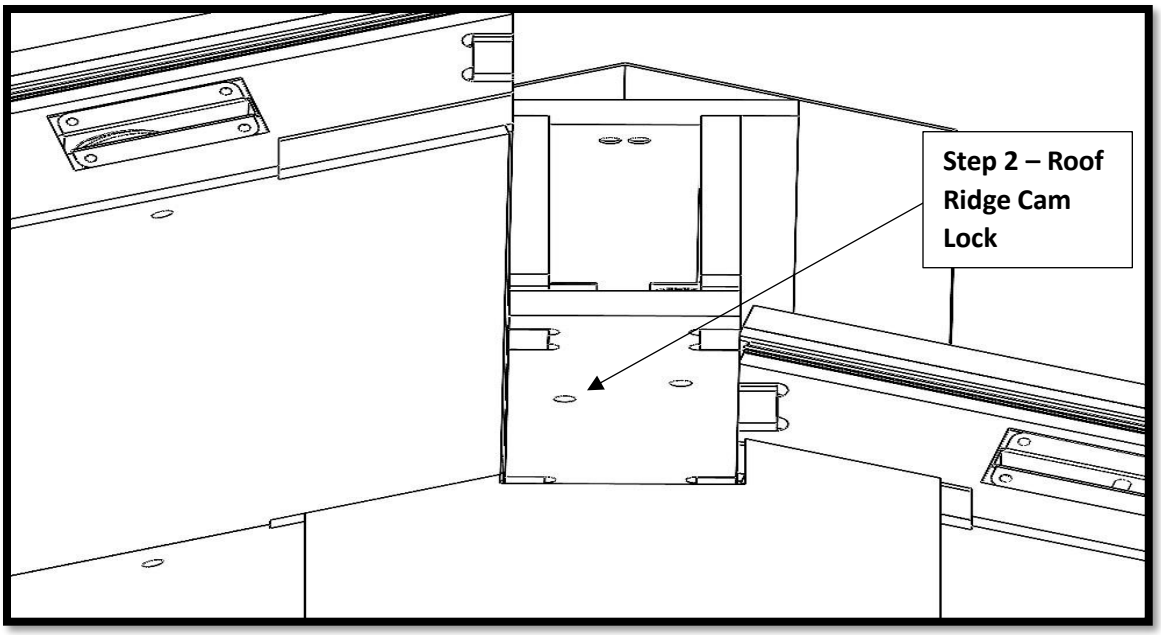
- Slide the **Roof Panel (RP-ML-8)** panel towards the **Roof Connector**. The Roof Middle Panel should sit securely on the top plate. If necessary, use a mallet to gently tap the panel towards the Roof Ridge.

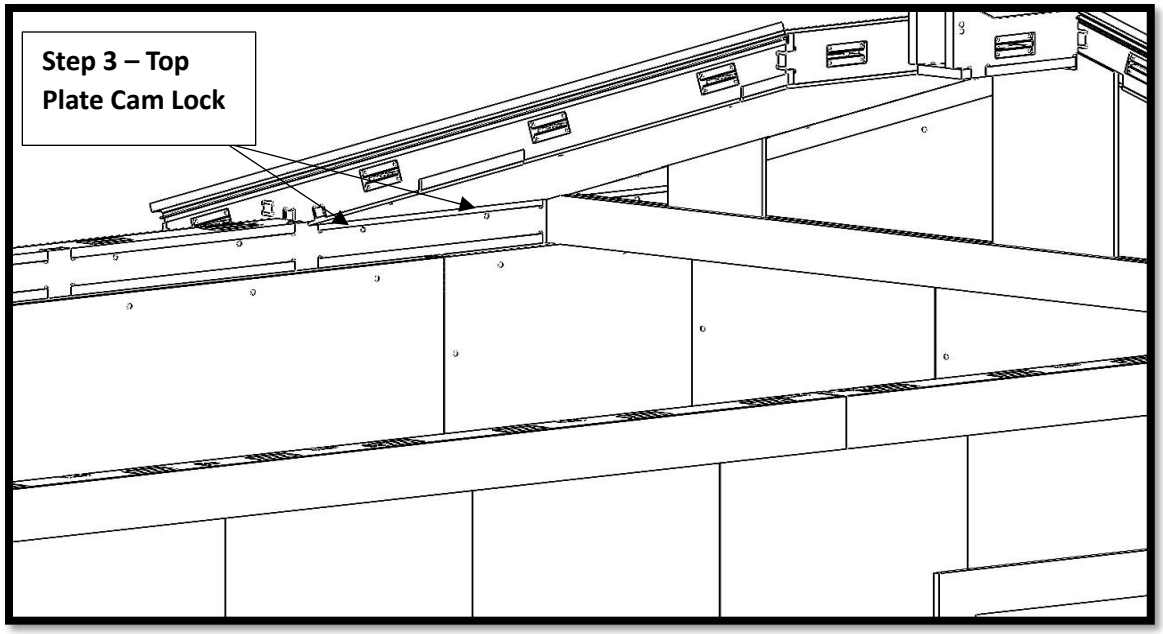


16) **Secure the Roof Panels**:

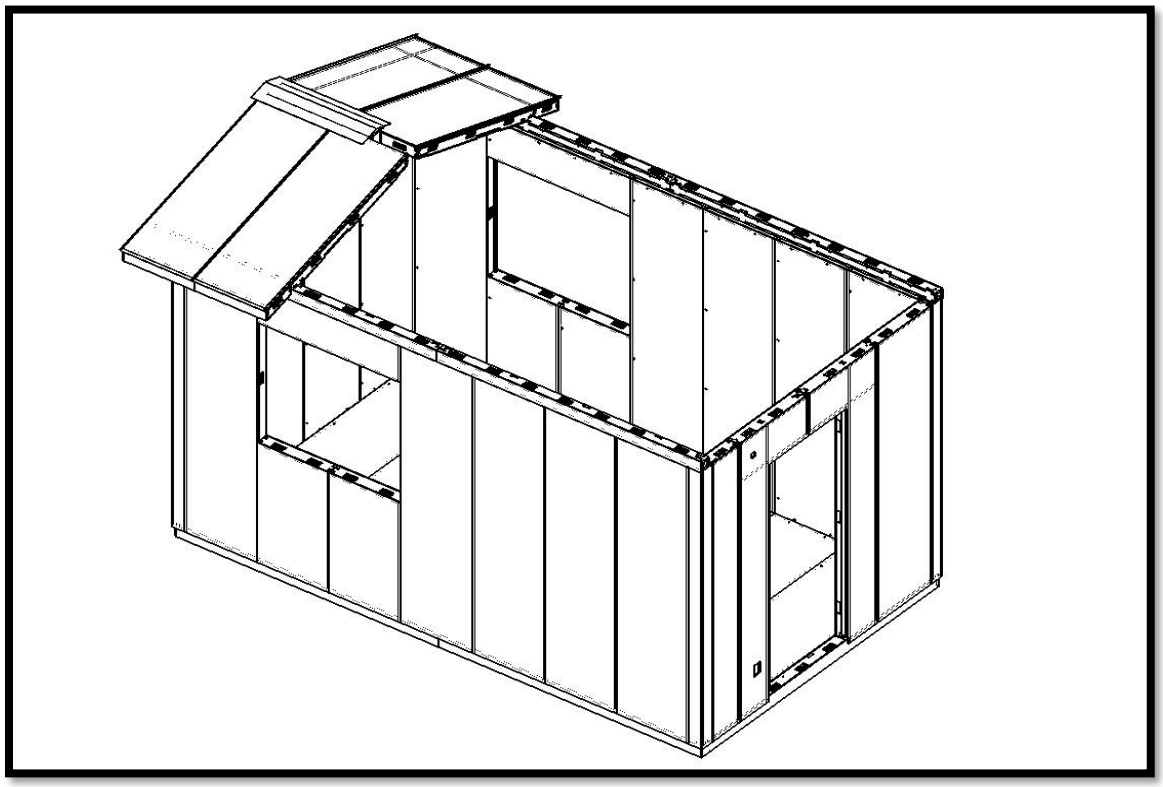
- Lock the **Roof Panel (RP-ML-8)** to the **Roof Panel (RP-EL1-8)** using the cam locks, as shown below.
- Next, lock the **Roof Ridge (1-2)** to the **Roof Panel (RP-ML-8)** using the holes beneath the **Roof Connector**.
- Finally, secure the **Top Plate** to the **Roof Panel (RP-ML-8)**



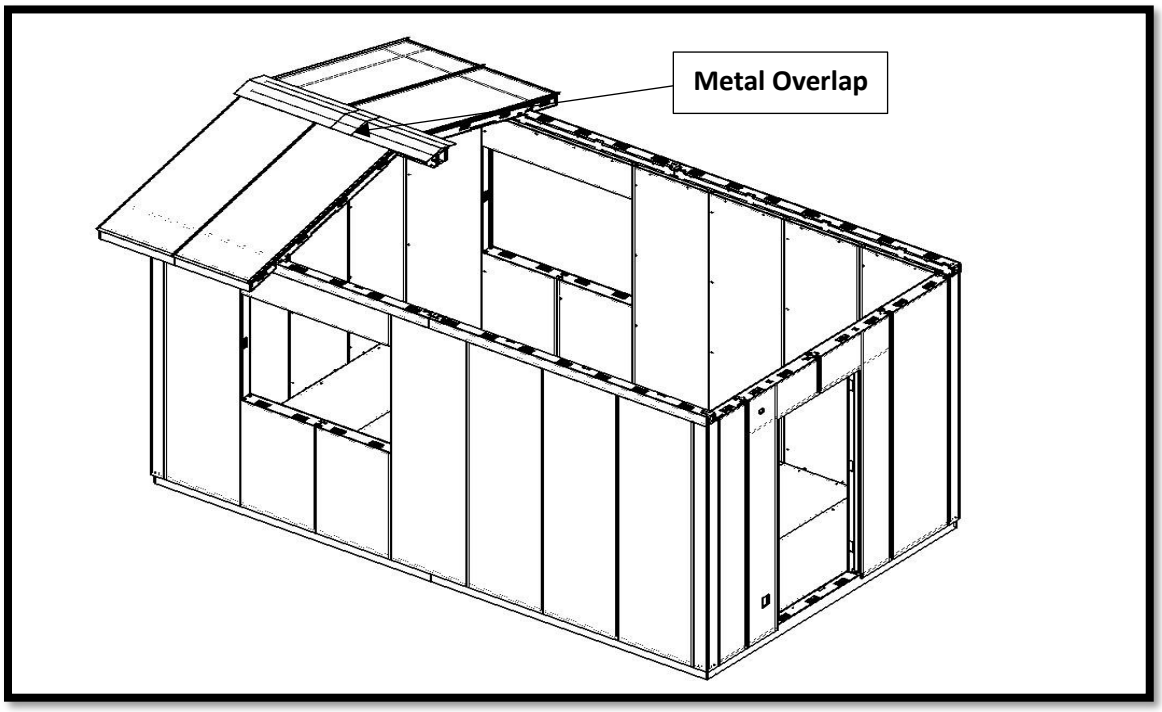




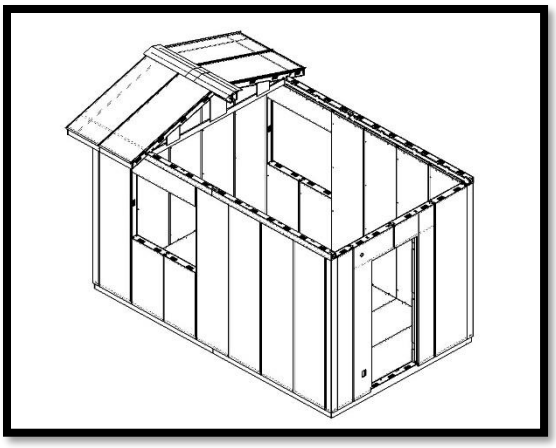
17) **Position and Secure the Roof Panel (RP-MR-8):** Place the **Roof Panel (RP-MR-8)** next to the **Roof Panel (RP-ER2-8)**. Follow steps 15 and 16 to secure the panel, as shown above.

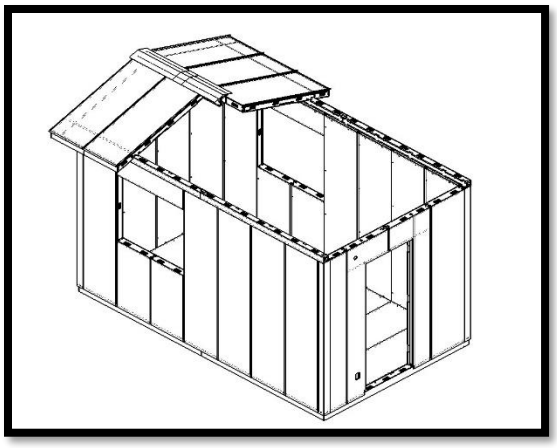


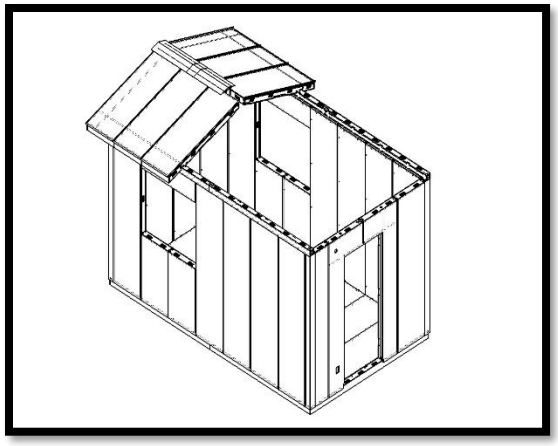
18) **Position the Roof Connector (RC-M)**: Place the **Roof Connector (RC-M)** as shown below. Use a mallet if necessary to ensure proper alignment. The metal should overlap the previous Roof Ridge, as illustrated

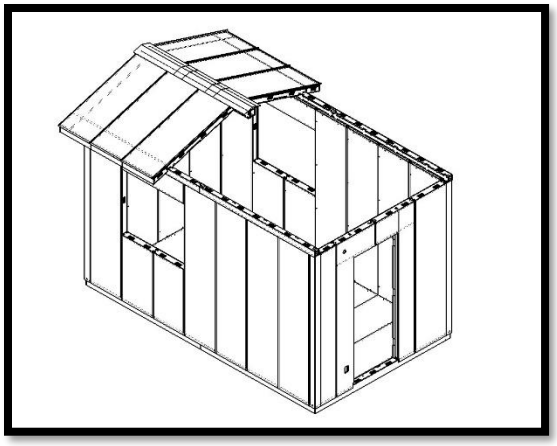


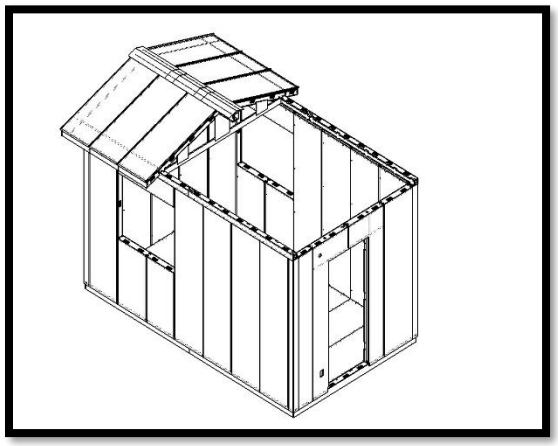
19) **Complete the Remaining Roof Panels**: Follow steps 13 through 18 to finish securing the rest of the roof panels.

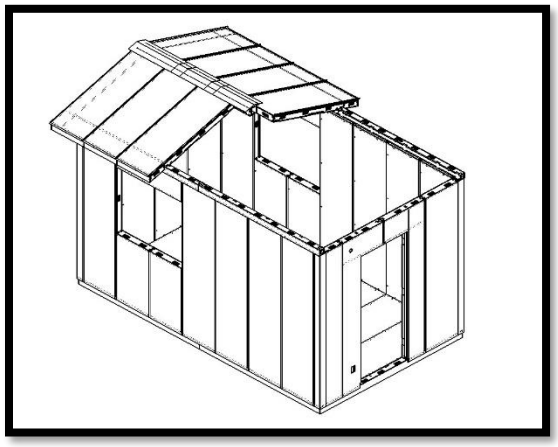


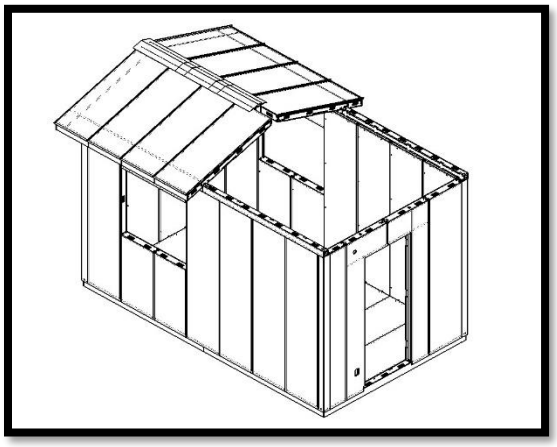


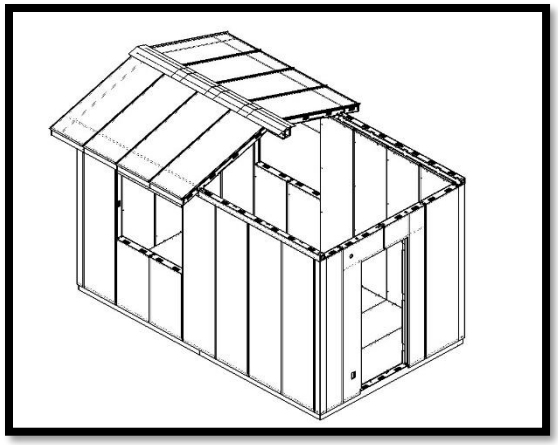


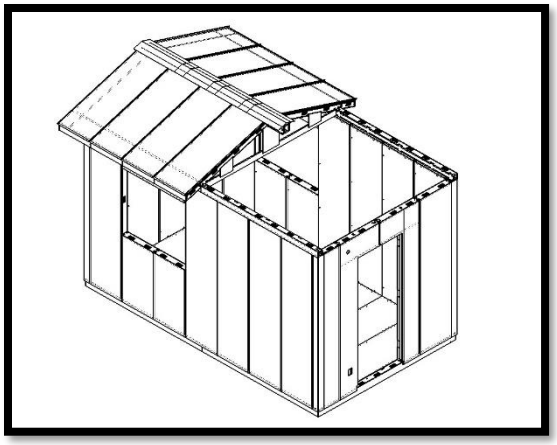


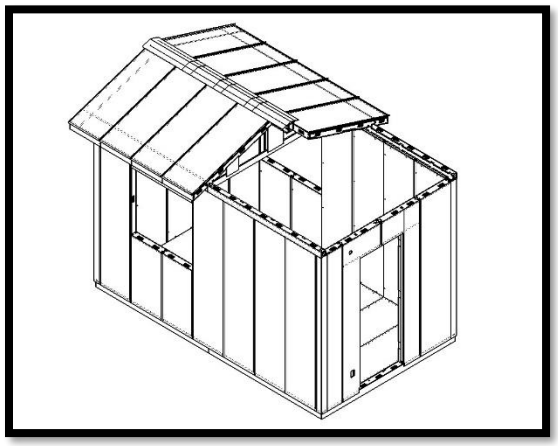


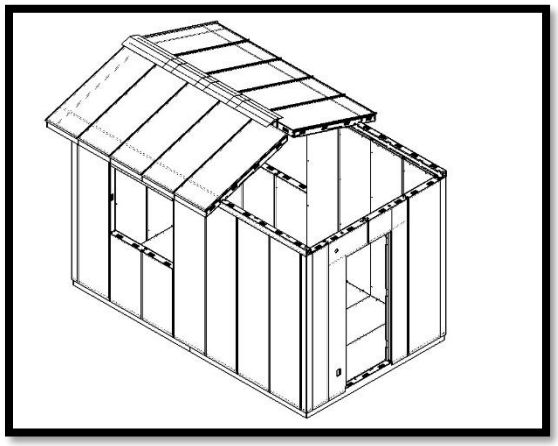


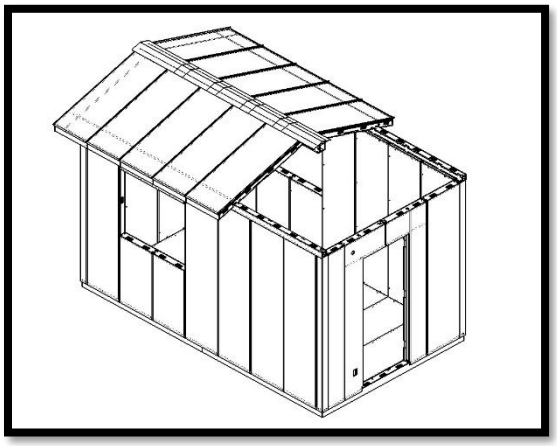


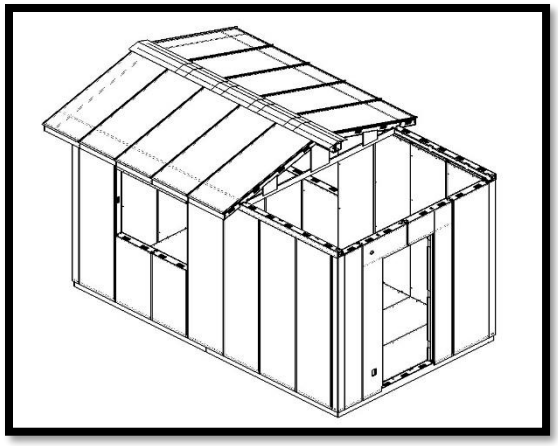


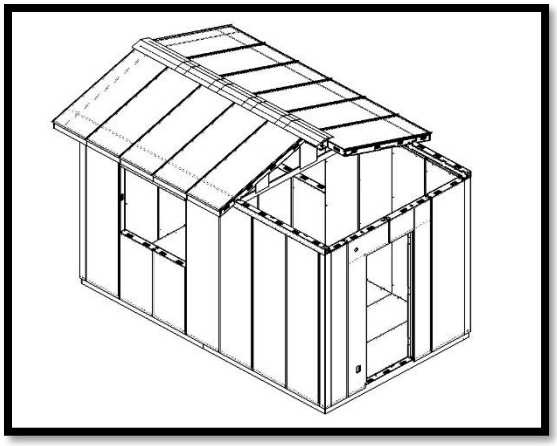


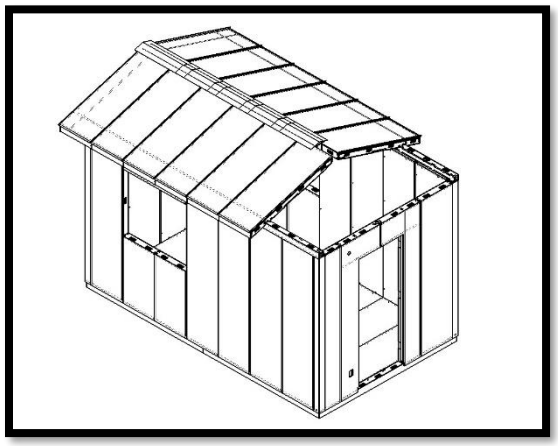


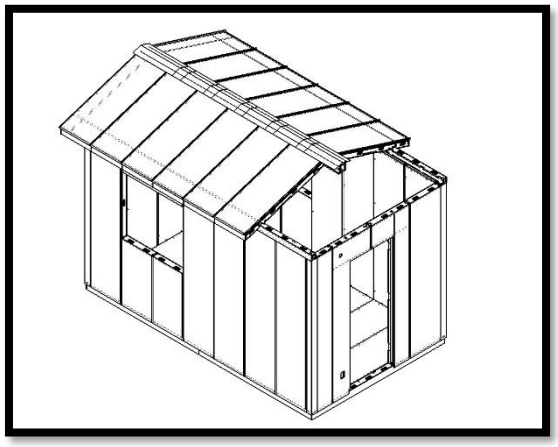


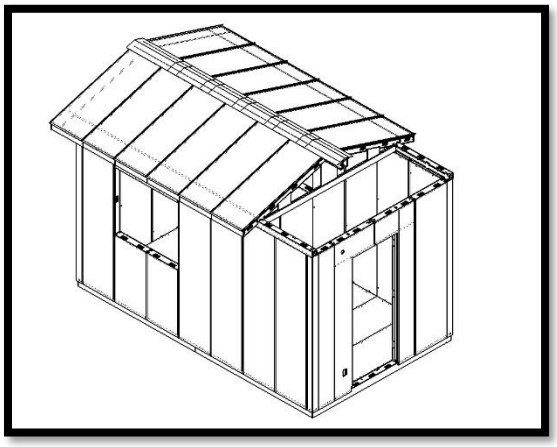


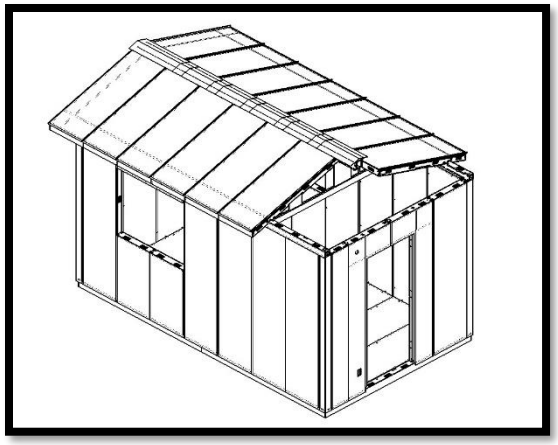


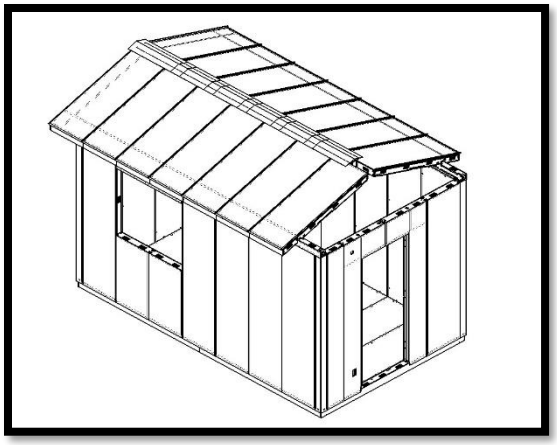


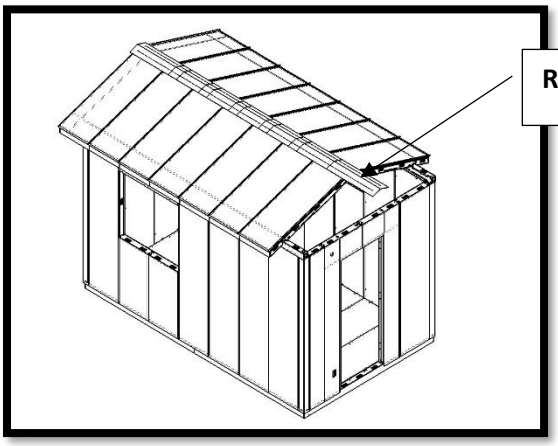


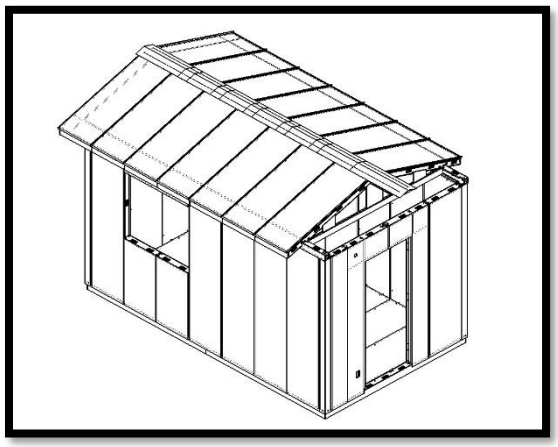




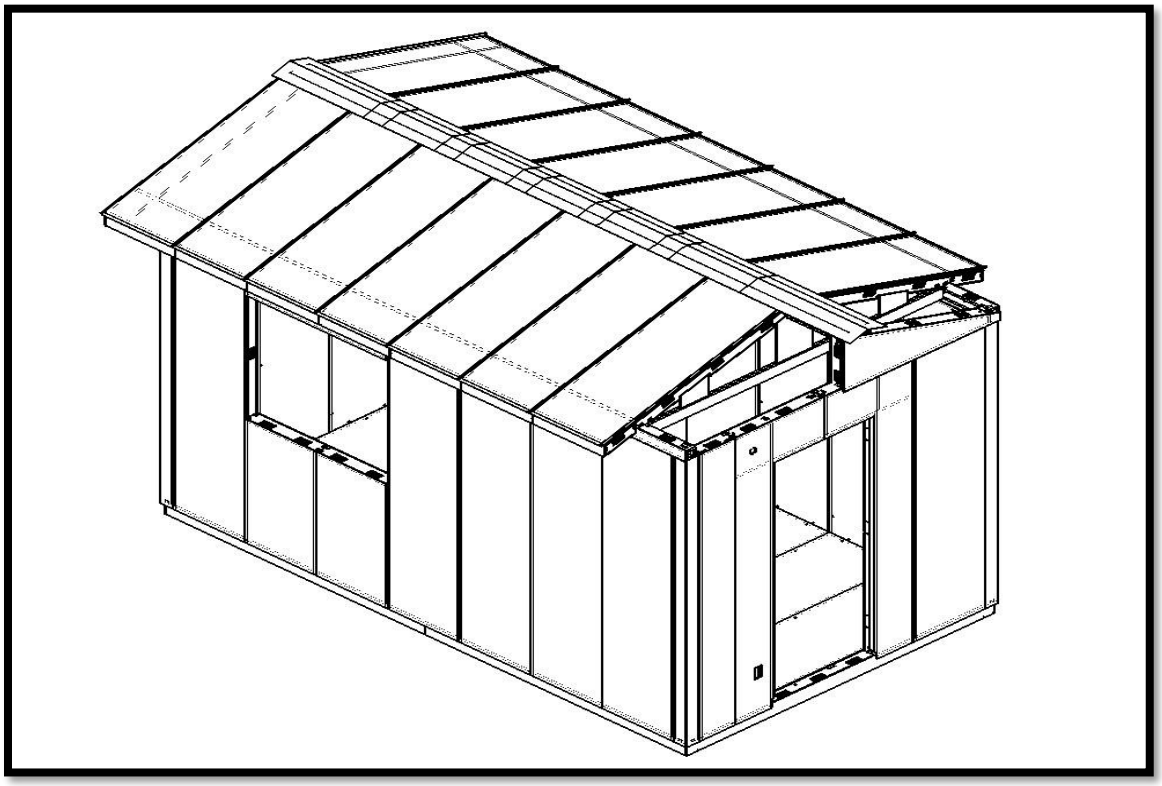


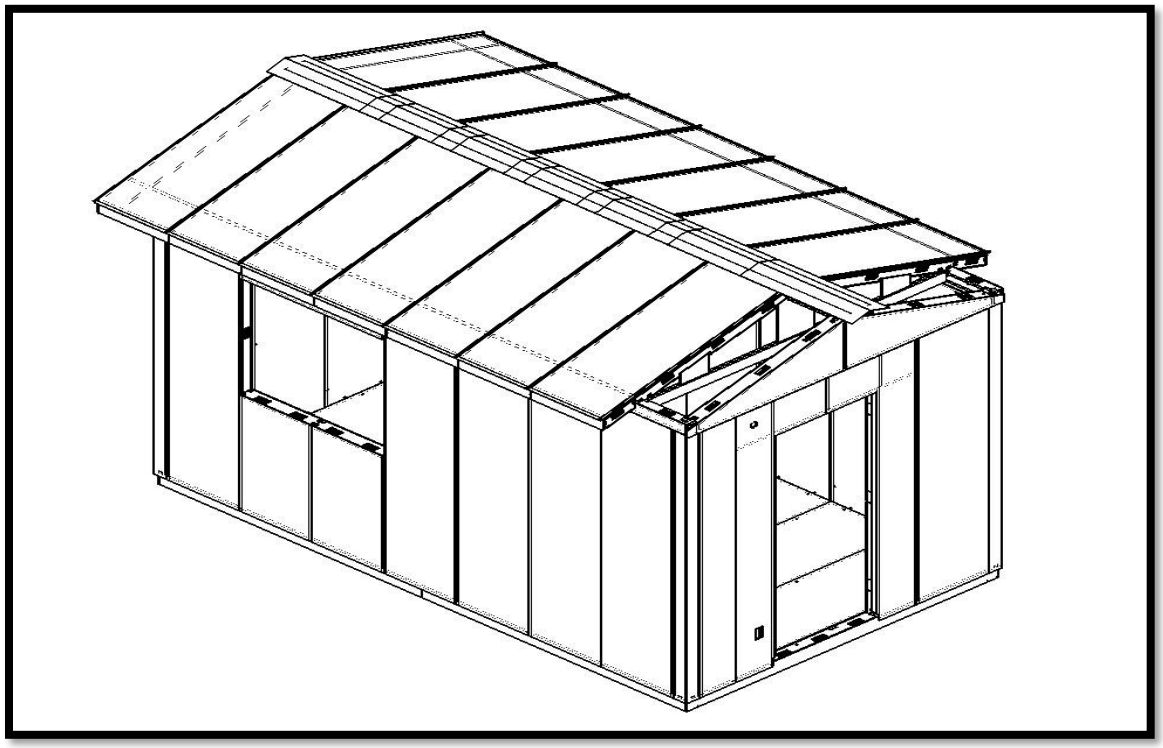



Roof Ridge (5-6)

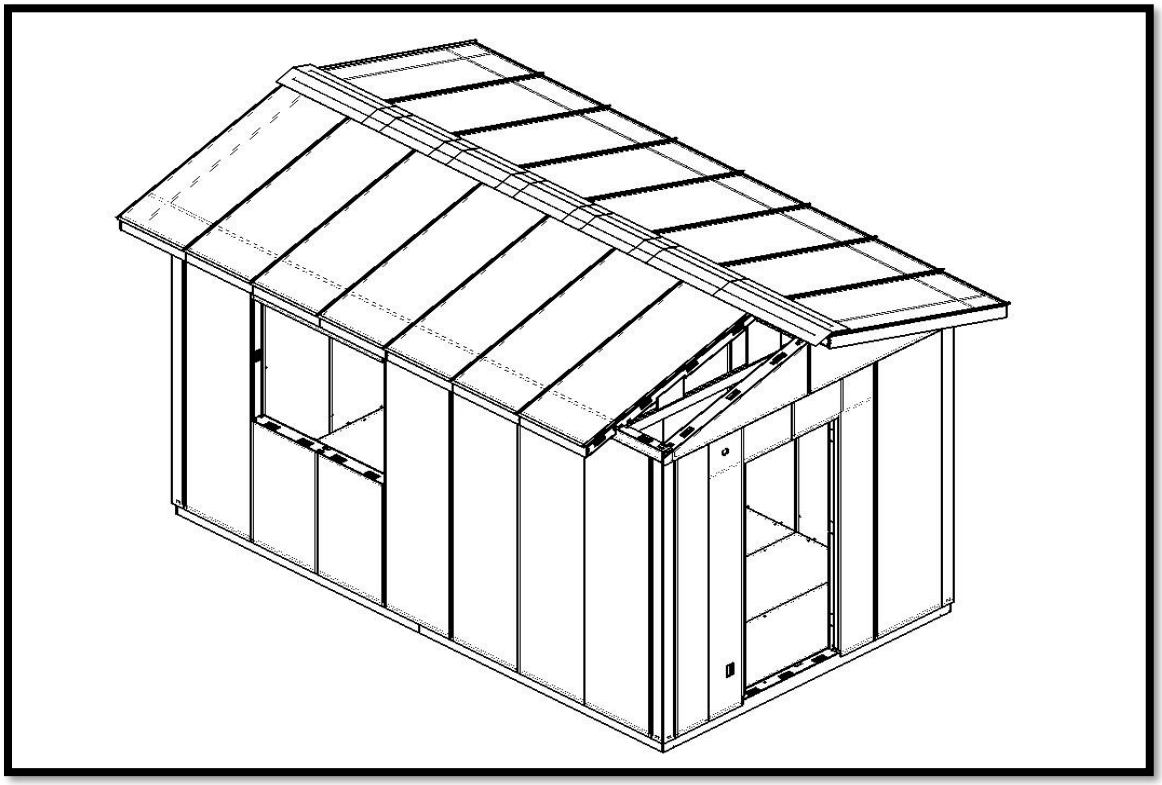


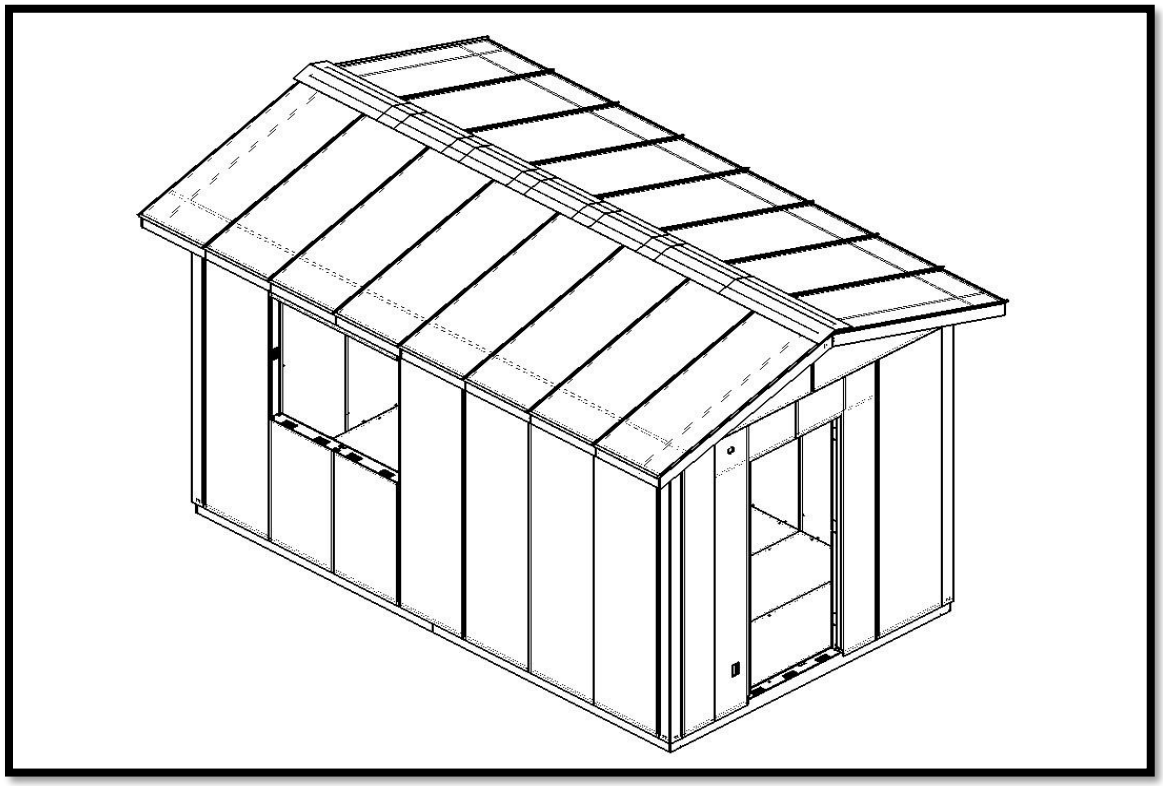
20) **Position and Secure the Remaining Gables**: Place the remaining two gables and follow steps 1 through 4 of this section to secure them in place.





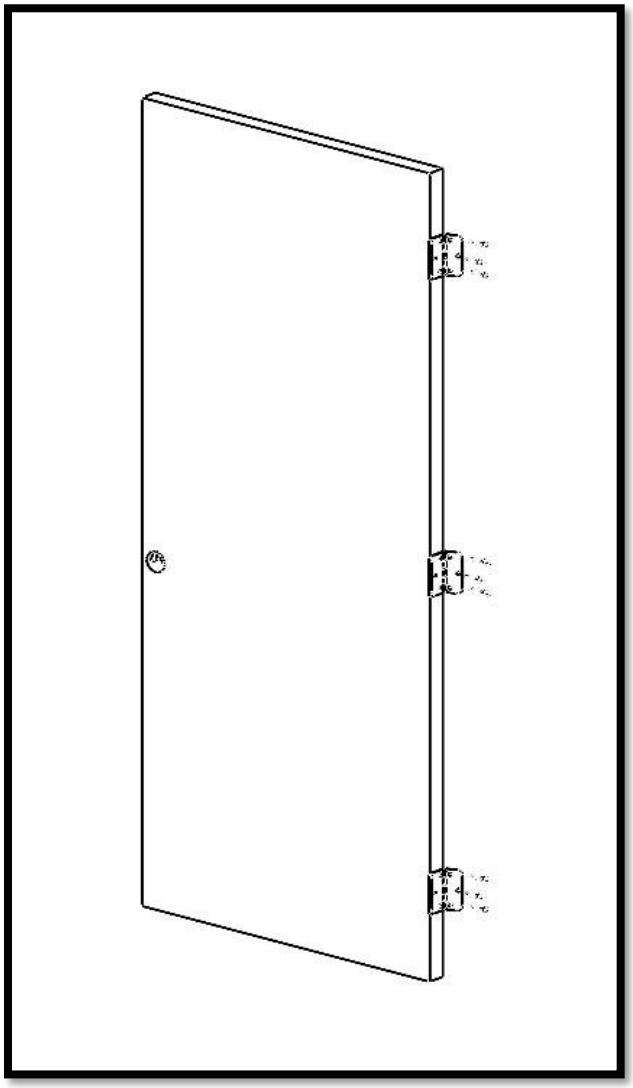
21) **Position and Secure the Last Two Roof Panels**: Place the remaining two roof panels and follow steps 8 through 12 to lock them properly.

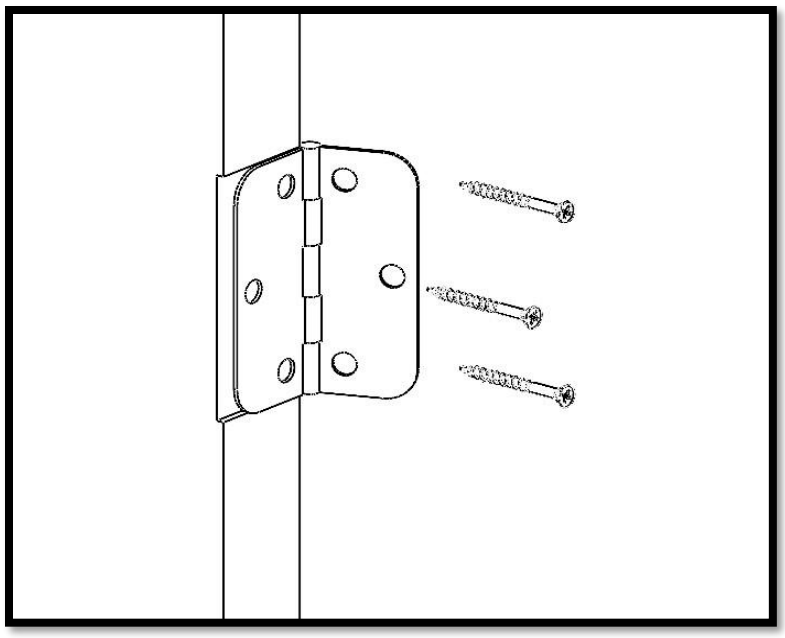


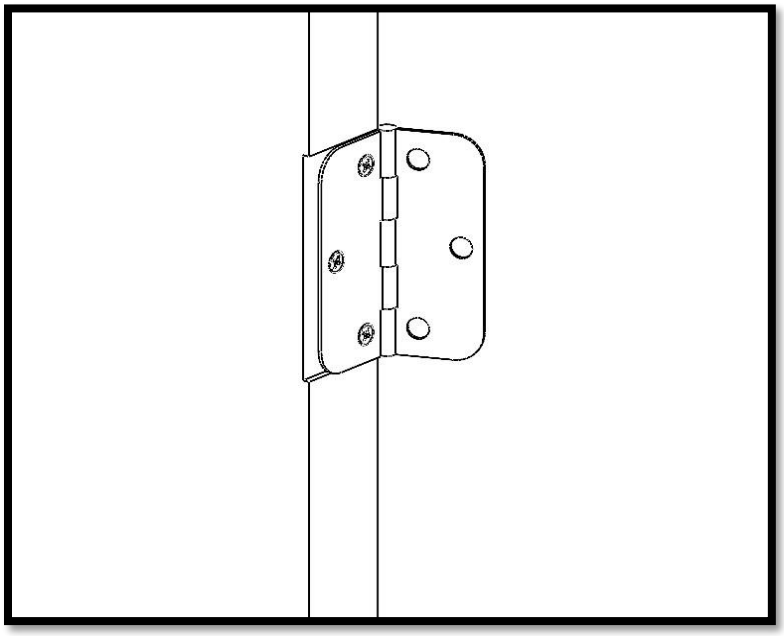


Installing Door & Windows

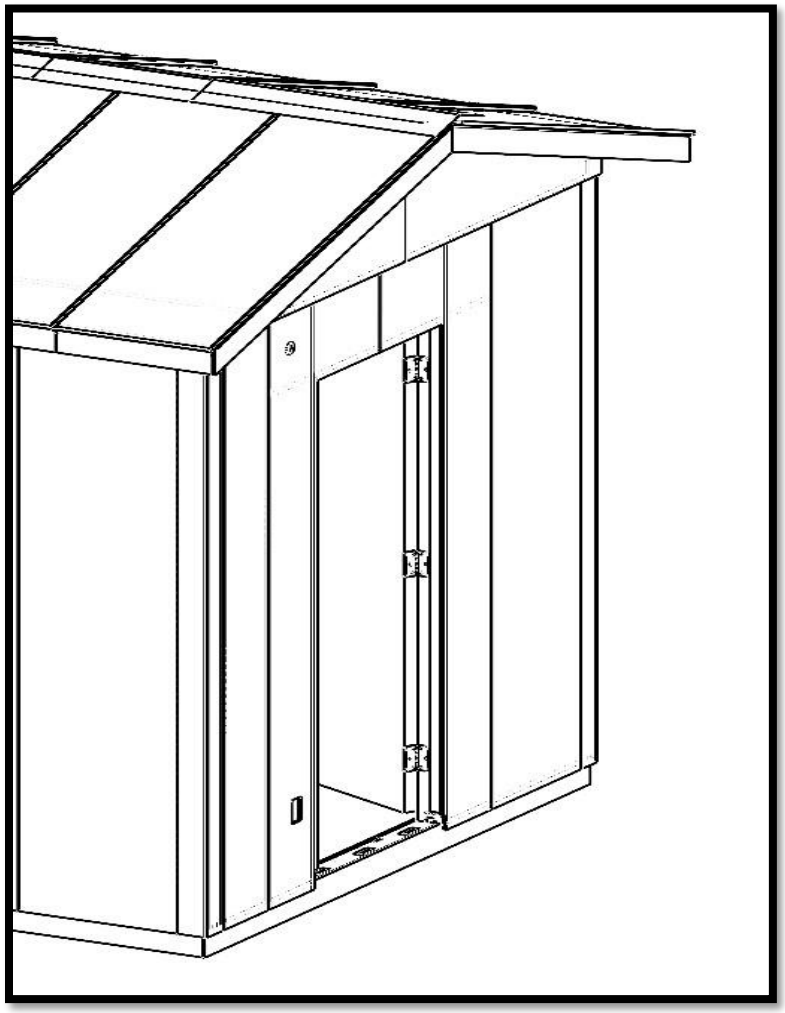
1) **Attach the Hinges**: Screw the provided hinges to the door

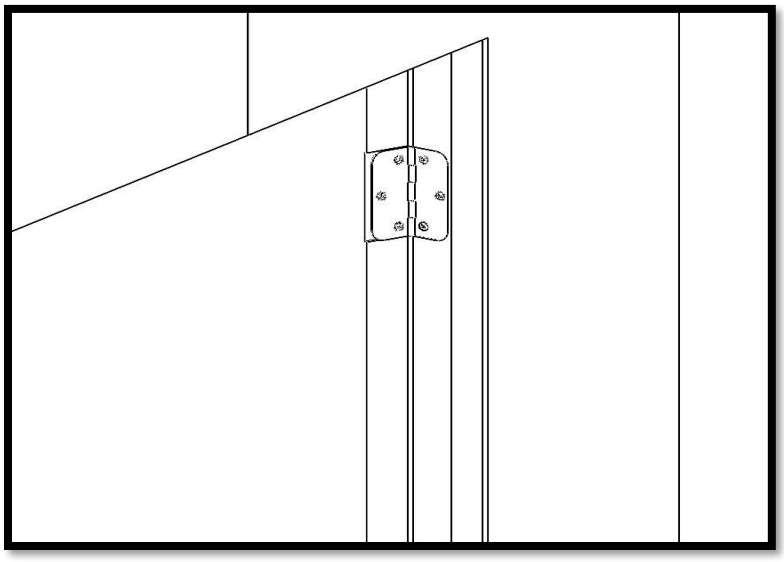




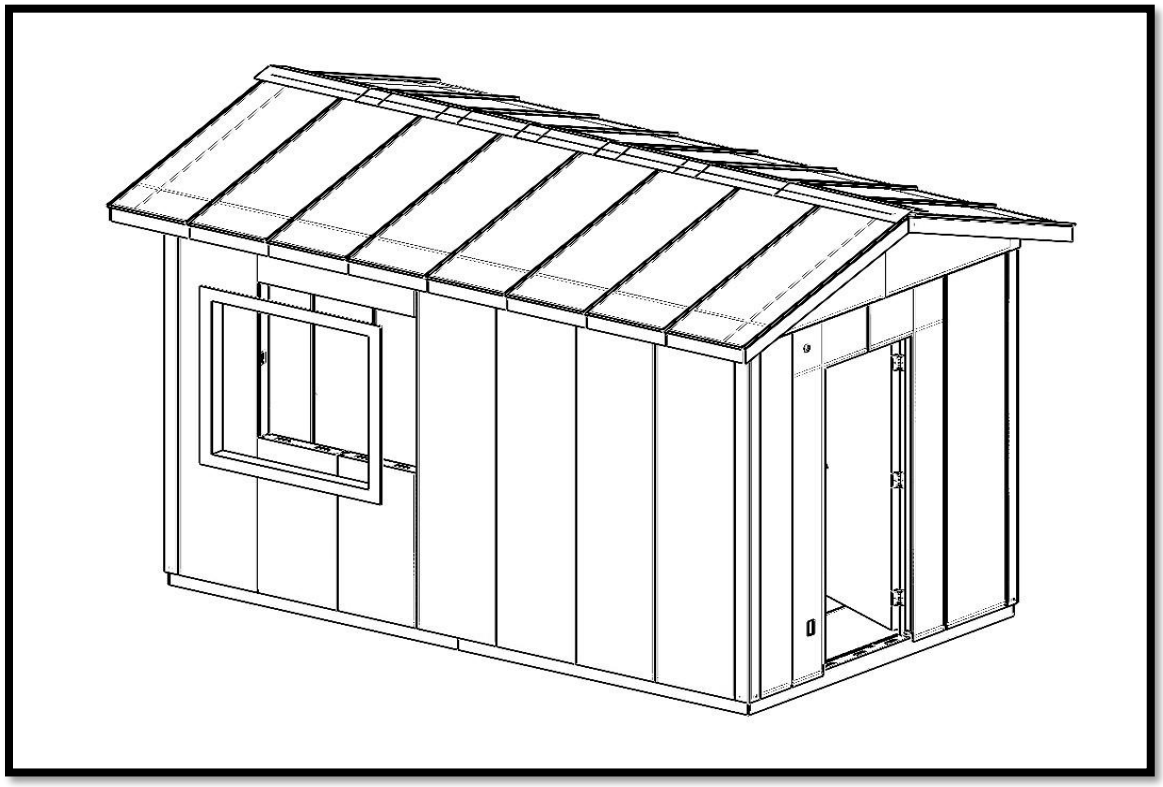
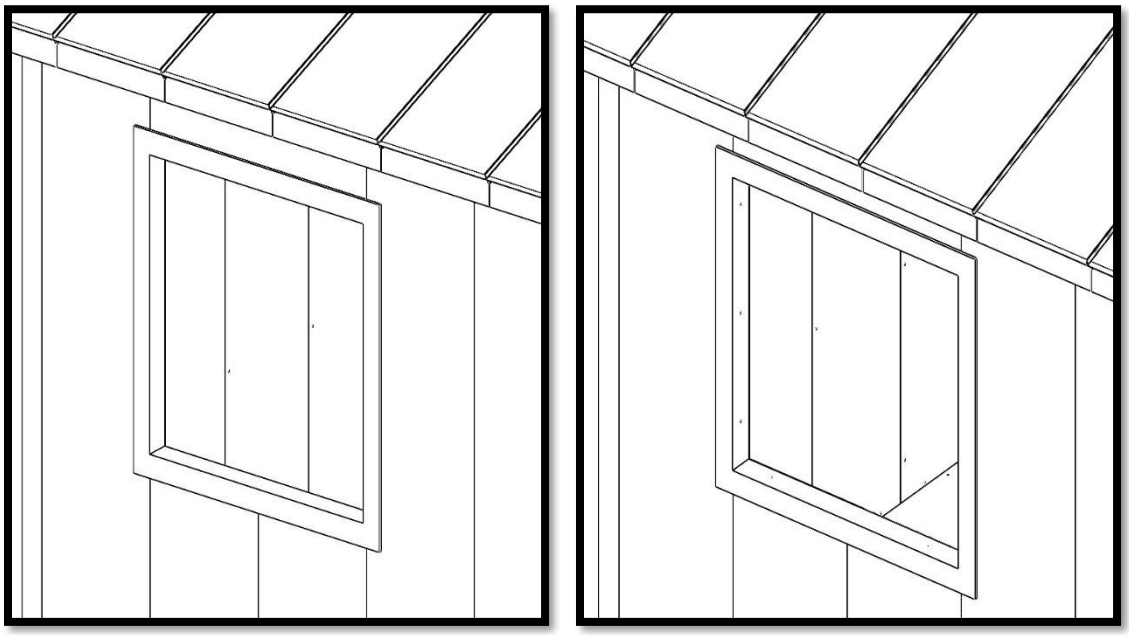


2) **Attach the Door to the Door Panel**: Screw the door securely to the door panel





3) **Install the Window**: Insert the window into the window slot as shown below. If different window sizes are provided, ensure the correct size is used.



4) **Secure the Window**: Screw the window into place from the inside.