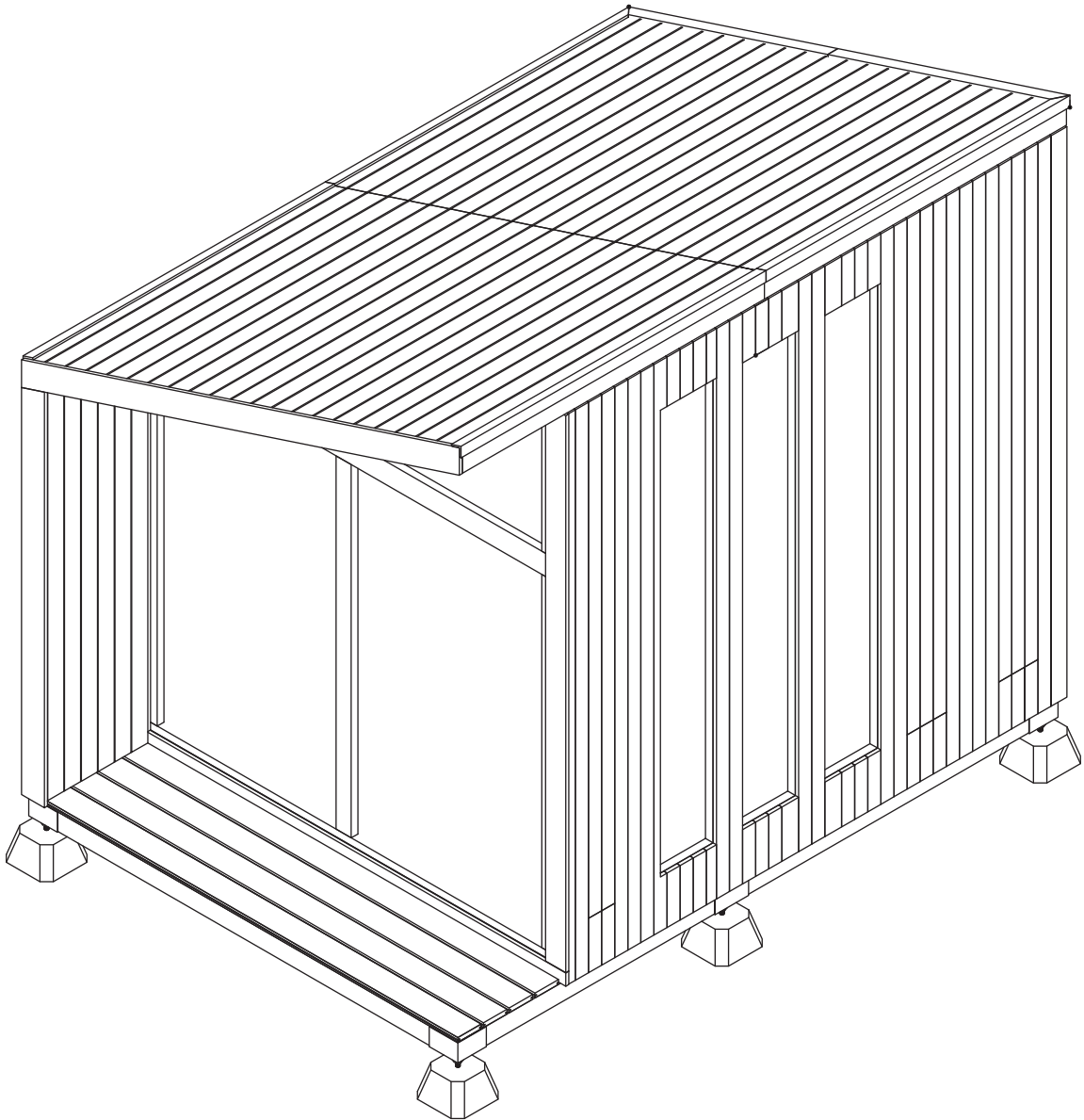


# Pod

How to build yours.

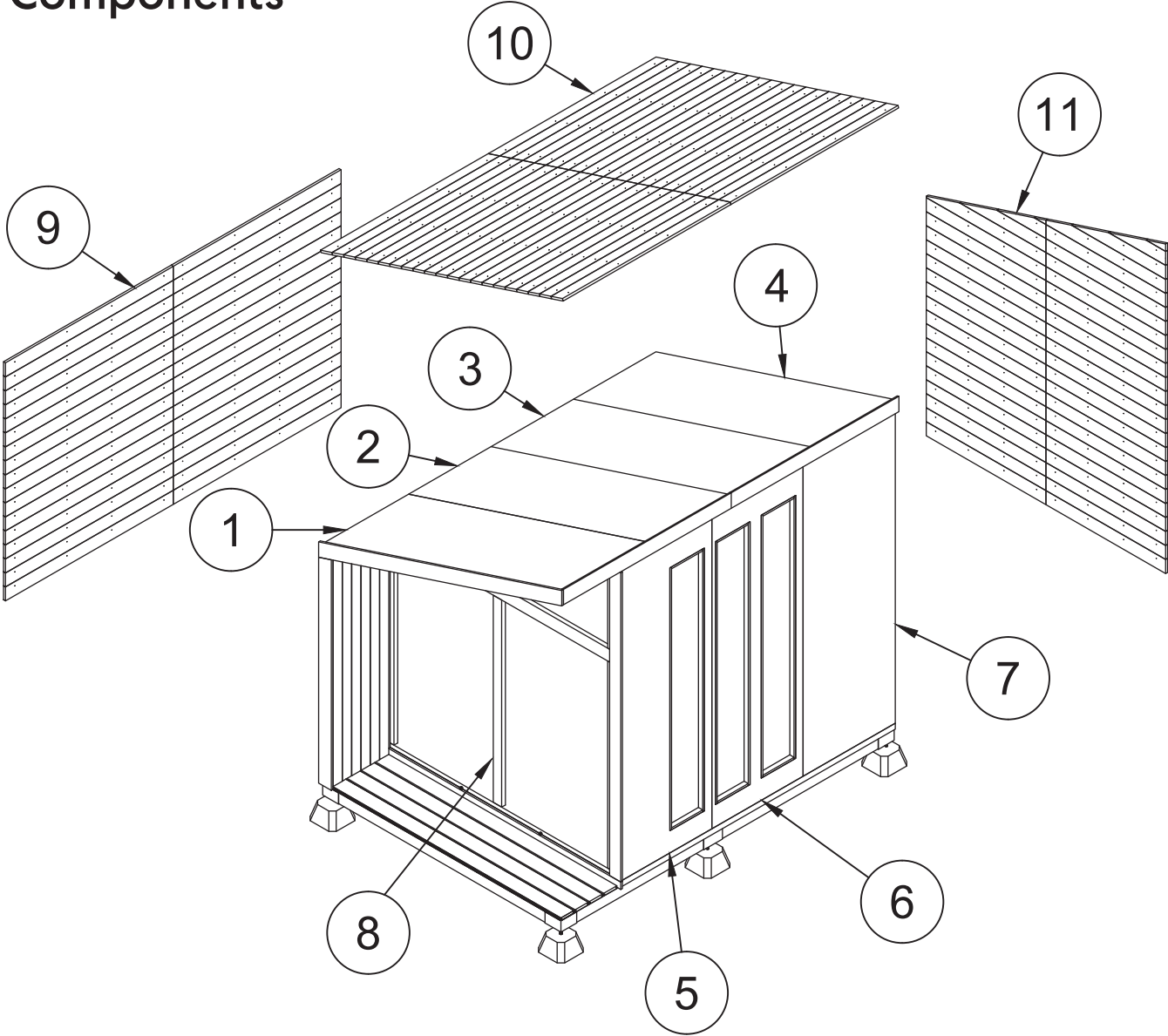


# Hello from the Pod team!

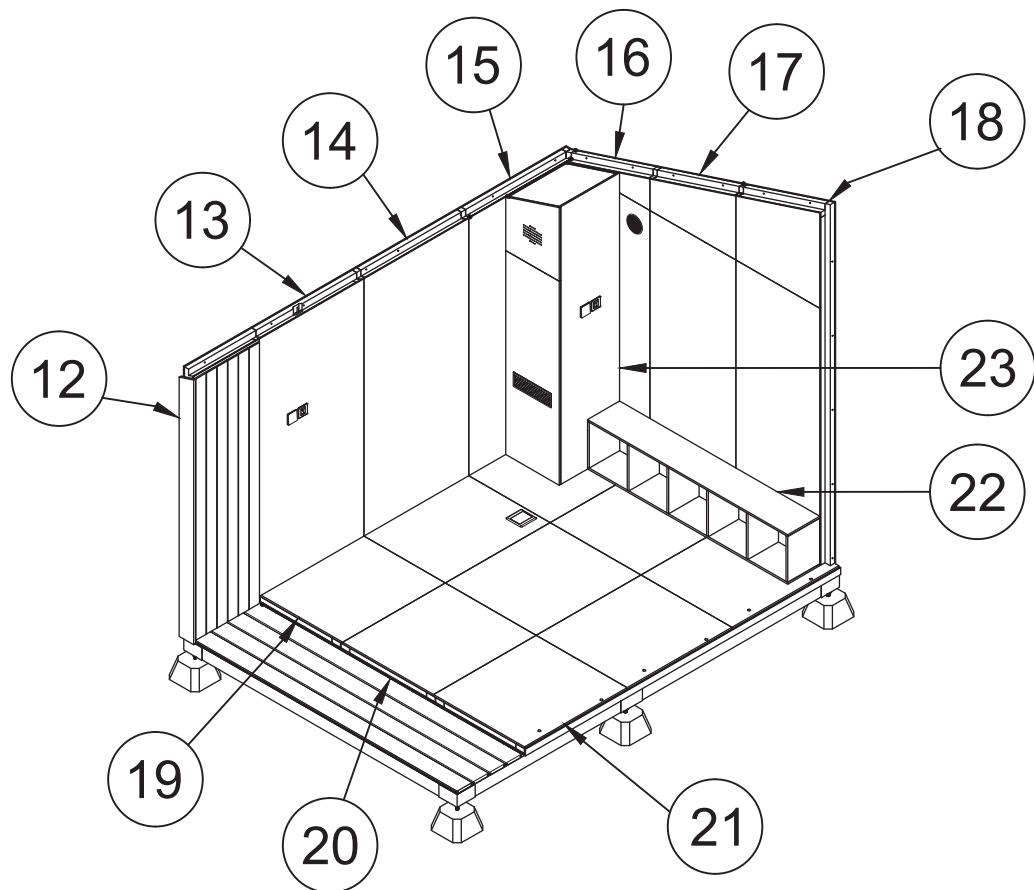
**Here's how it all comes together.**

In this document, you'll find notes on assembly, step-by-step instructions, a list of included tools, and detailed drawings of all components. If you have any follow up questions, you can reach us anytime at [human@autonomous.ai](mailto:human@autonomous.ai). We can't wait for you to step into your new Pod!

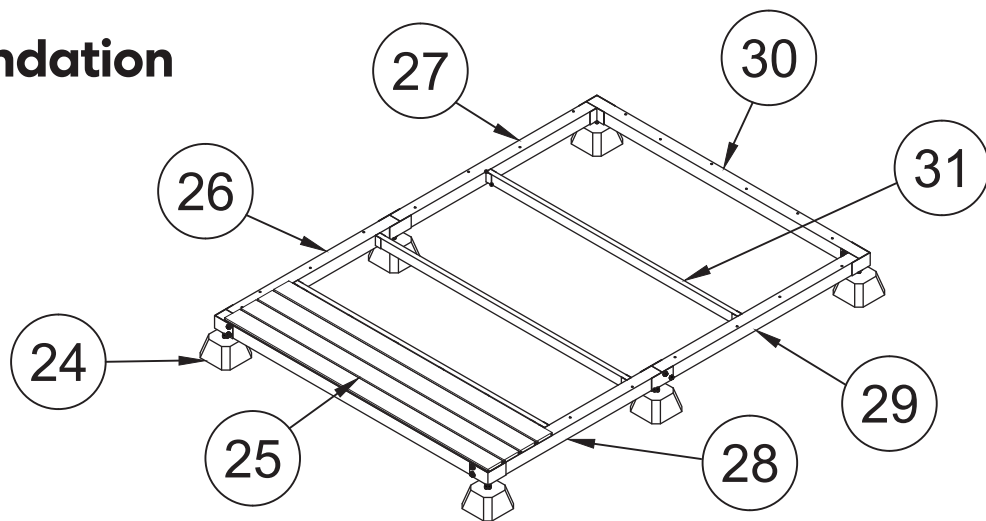
## Components



| No | Description  | Qty | No | Description  | Qty |
|----|--------------|-----|----|--------------|-----|
| 1  | Roof A       | 1   | 7  | Right wall C | 1   |
| 2  | Roof B       | 1   | 8  | Glass door   | 7   |
| 3  | Roof C       | 1   | 9  | Left cover   | 34  |
| 4  | Roof D       | 1   | 10 | Roof cover   | 42  |
| 5  | Right wall A | 1   | 11 | Back cover   | 45  |
| 6  | Right wall B | 1   |    |              |     |



## Foundation



| No | Description | Qty | No | Description        | Qty |
|----|-------------|-----|----|--------------------|-----|
| 12 | Left wall A | 1   | 22 | Bookshelf          | 1   |
| 13 | Left wall B | 1   | 23 | Electrical cabinet | 1   |
| 14 | Left wall C | 1   | 24 | Concrete base      | 6   |
| 15 | Left wall D | 1   | 25 | Front frame        | 1   |
| 16 | Back wall A | 1   | 26 | Left frame A       | 1   |
| 17 | Back wall B | 1   | 27 | Left frame B       | 1   |
| 18 | Back wall C | 1   | 28 | Right frame A      | 1   |
| 19 | Floor A     | 1   | 29 | Right frame B      | 1   |
| 20 | Floor B     | 1   | 30 | Back frame         | 1   |
| 21 | Floor C     | 1   | 31 | Frame              | 2   |

# Preparation

Installation is simple and easily completed in a day with 4 people of average expertise.

## 1. Receive Pod

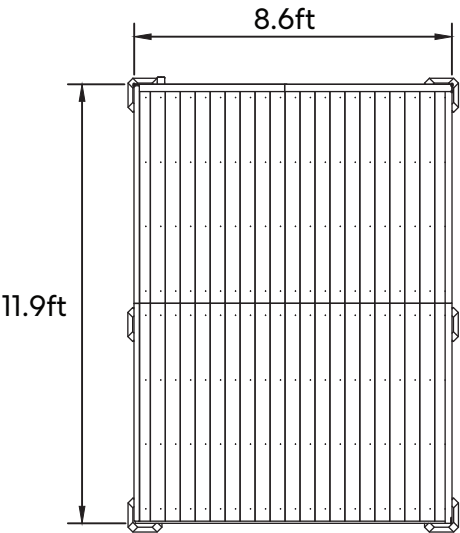
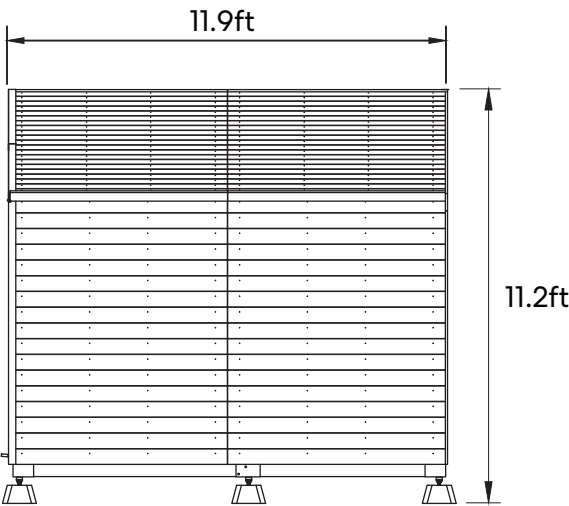
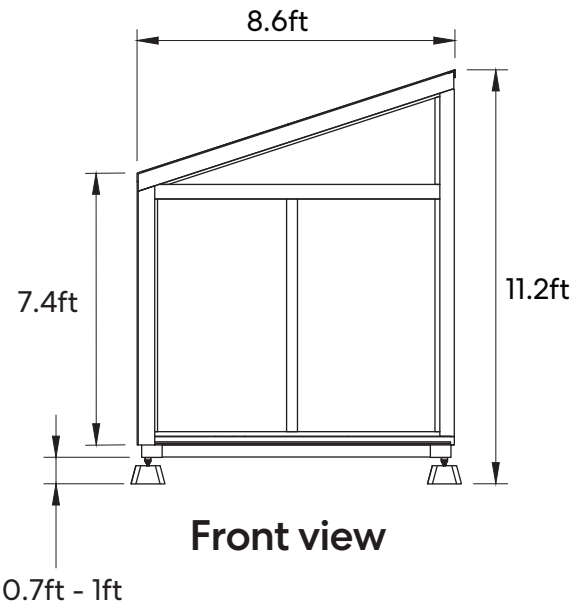
Pod will arrive by truck, in packages weighing between 80 - 160 lbs. The largest package is about 82" in length and 50" in width, so please ensure there is a clear pathway with sufficient space.

## 2. Choose a location

Select a location with good ventilation, plenty of clear space, and a solid surface.

Pod will be about 11.2ft in height once assembled, so make sure there aren't any trees in the way. The foundation is 11.9ft by 8.6ft, so for a comfortable fit, we recommend an area around double of that - 24ft by 17ft.

Most backyard surfaces are suitable, including soil, brick, concrete, gravel, grass, etc., - but please make sure there is as low a risk as possible of subsidence.



## 3. Tools & Equipment

| No                   | Description                           | Qty |
|----------------------|---------------------------------------|-----|
| <b>Pod Included:</b> |                                       |     |
| 1                    | Silicone gun                          | 1   |
| 2                    | Silicone sealant                      | 2   |
| 3                    | Level ruler 24"                       | 1   |
| 4                    | Tap measure 16'                       | 1   |
| 5                    | Rubber hammer                         | 1   |
| 6                    | Paper cutter                          | 1   |
| 7                    | Power outlet rain cover               | 1   |
| 8                    | Ceiling light                         | 1   |
| 9                    | Portable air conditioner with heating | 1   |
| 10                   | Wood screw                            | 500 |
| 11                   | Allen wrench                          | 1   |

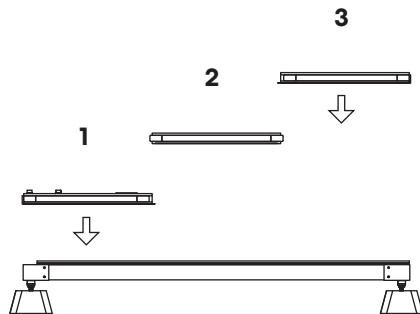
| No                      | Description                 | Qty |
|-------------------------|-----------------------------|-----|
| 12                      | Drill bit 3/8"              | 1   |
| 13                      | Connector Bolts - 1/4" x 2" | 75  |
| 14                      | Bolt & Nut - 5/16" x 5"     | 12  |
| 15                      | Bolt & Nut - 3/8" x 6"      | 2   |
| 16                      | Bolt & Nut - 3/8" x 9"      | 18  |
| 17                      | Wrench 11/16"               | 2   |
| 18                      | Wrench 9/16"                | 2   |
| 19                      | Adjustable Wrench           | 1   |
| 20                      | Bitumen                     | 3   |
| <b>Need to prepare:</b> |                             |     |
| 21                      | Electric screwdriver        | 2   |
| 22                      | Ladder 10'                  | 1   |



# Assembly

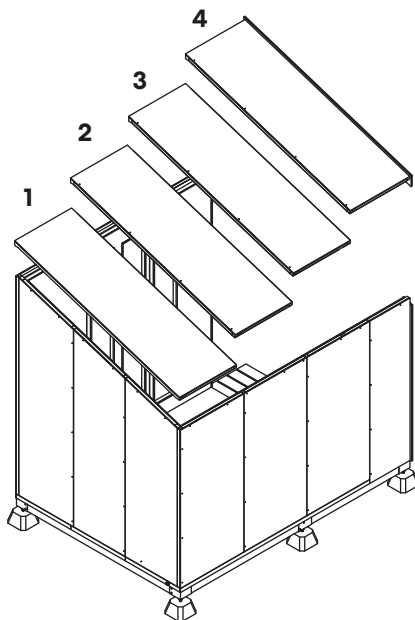
## 1. Floor

Install the floor in this order: Floor A - Floor B - Floor C. Take care not to collide with electrical parts on Floor A. Make sure the joints fit together and that the screw holes on the floor are aligned with the holes on the steel frame. Check that the floor is level before continuing.



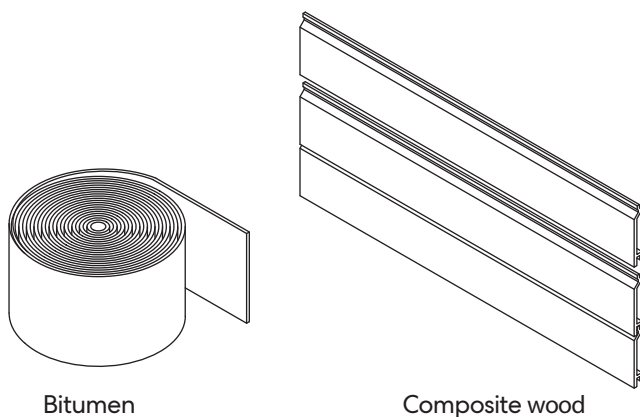
## 3. Roof

Install the roof in this order: Roof D - Roof C - Roof B - Roof A. Be careful with Roof A - it's the heaviest.



## 5. Waterproofing & Composite wood cover

Use the supplied bitumen coins to protect all seams between components and prevent water from entering. Install composite wood to weatherproof the bitumen.

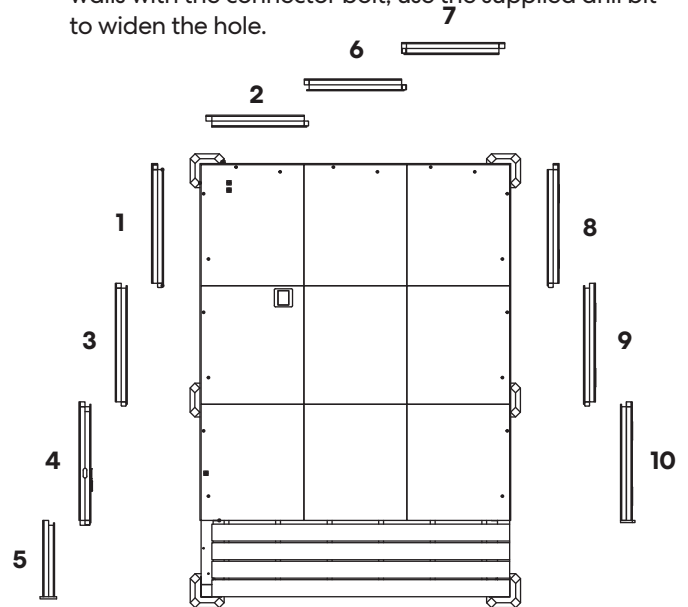


## 2. Wall

Install the walls in this order: Left wall D - Back wall A - Left wall C - Left wall B - Left wall A - Back wall B - Back wall C - Right wall C - Right wall B - Right wall A.

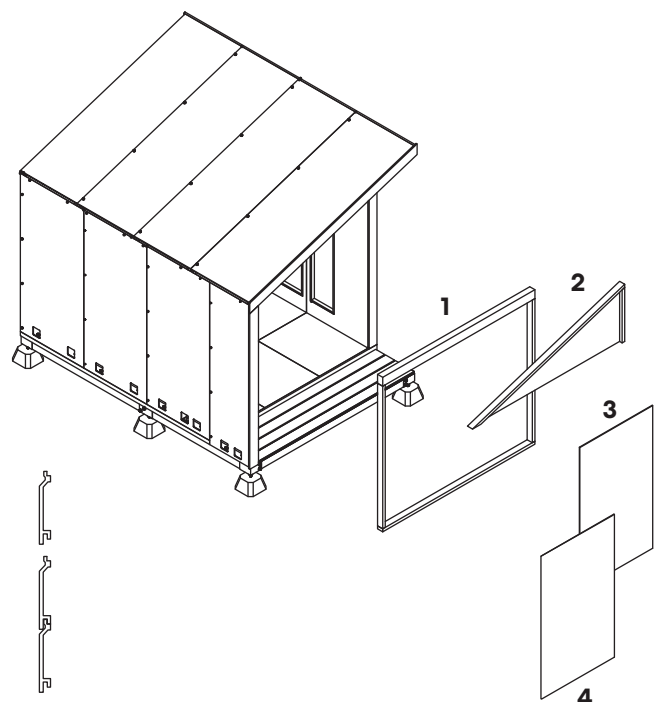
Pay special attention when installing Right wall A and Right wall B, as they contain glass on the inside. All walls must be perpendicular to the floor. Check that the seam between the two inner walls is tight before fixing with connector bolt. Remove the bitumen glue on the covers and seal after screwing.

Note: If you encounter difficulties connecting the walls with the connector bolt, use the supplied drill bit to widen the hole.



## 4. Glass door

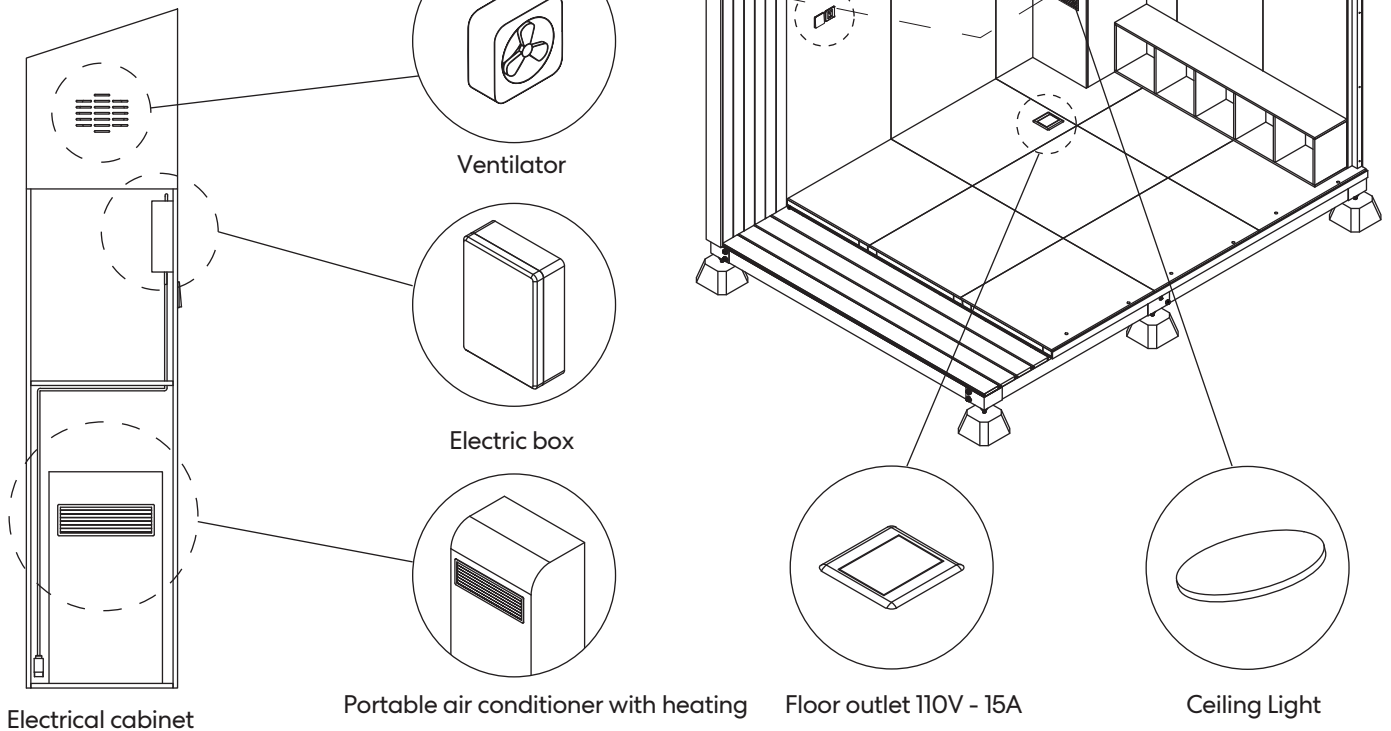
Install the glass door with the handle on the inside rail, making sure all corners form 90 degree angles. Install the upper glass from inside the Pod. Spray silicone sealant around the border of the frame to prevent water from entering. Both doors should slide easily after installation.



# Electrical

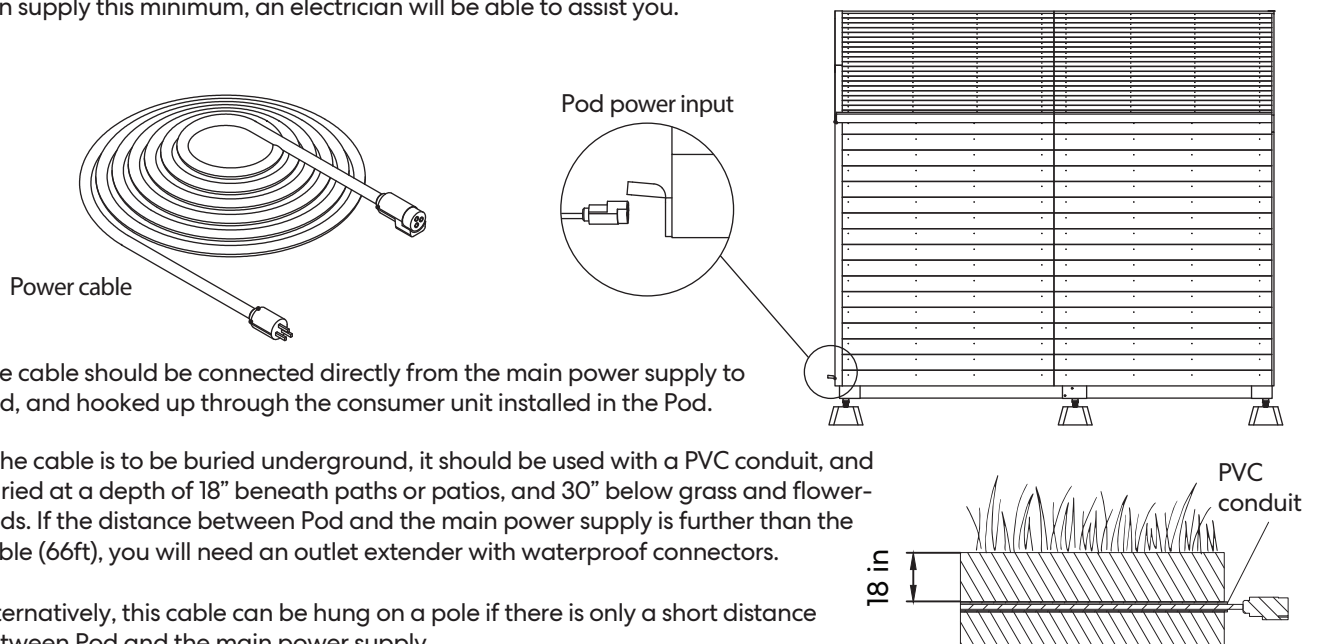
## Electrical devices in Pod:

RCB (Residual Current Breaker): 1  
 Wall outlet: 2  
 Floor outlet: 1  
 Ceiling light switch: 1  
 Ceiling light: 1  
 Ventilator switch: 1  
 Ventilator: 1  
 Portable air conditioner with heating: 1  
 Outlet for portable air conditioner: 1



## Connecting Pod to your power supply:

A 66ft power cable is provided, with 2 connectors – 1 that connects to the Pod, and one that connects to your main power supply. Your power supply should be at least 20A at 110 VAC 50Hz/60Hz. If you do not have an outlet which can supply this minimum, an electrician will be able to assist you.



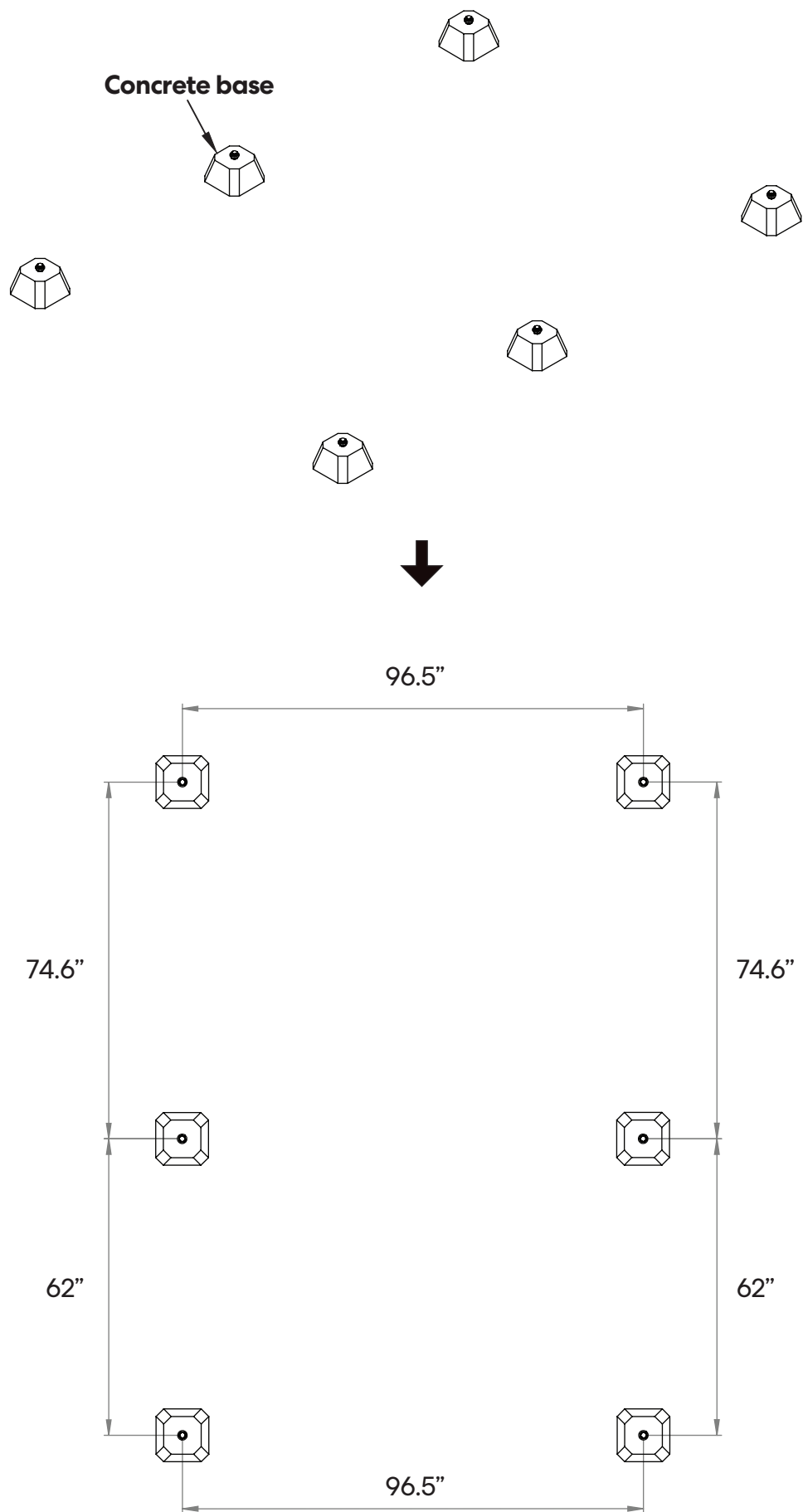
The cable should be connected directly from the main power supply to Pod, and hooked up through the consumer unit installed in the Pod.

If the cable is to be buried underground, it should be used with a PVC conduit, and buried at a depth of 18" beneath paths or patios, and 30" below grass and flower-beds. If the distance between Pod and the main power supply is further than the cable (66ft), you will need an outlet extender with waterproof connectors.

Alternatively, this cable can be hung on a pole if there is only a short distance between Pod and the main power supply.

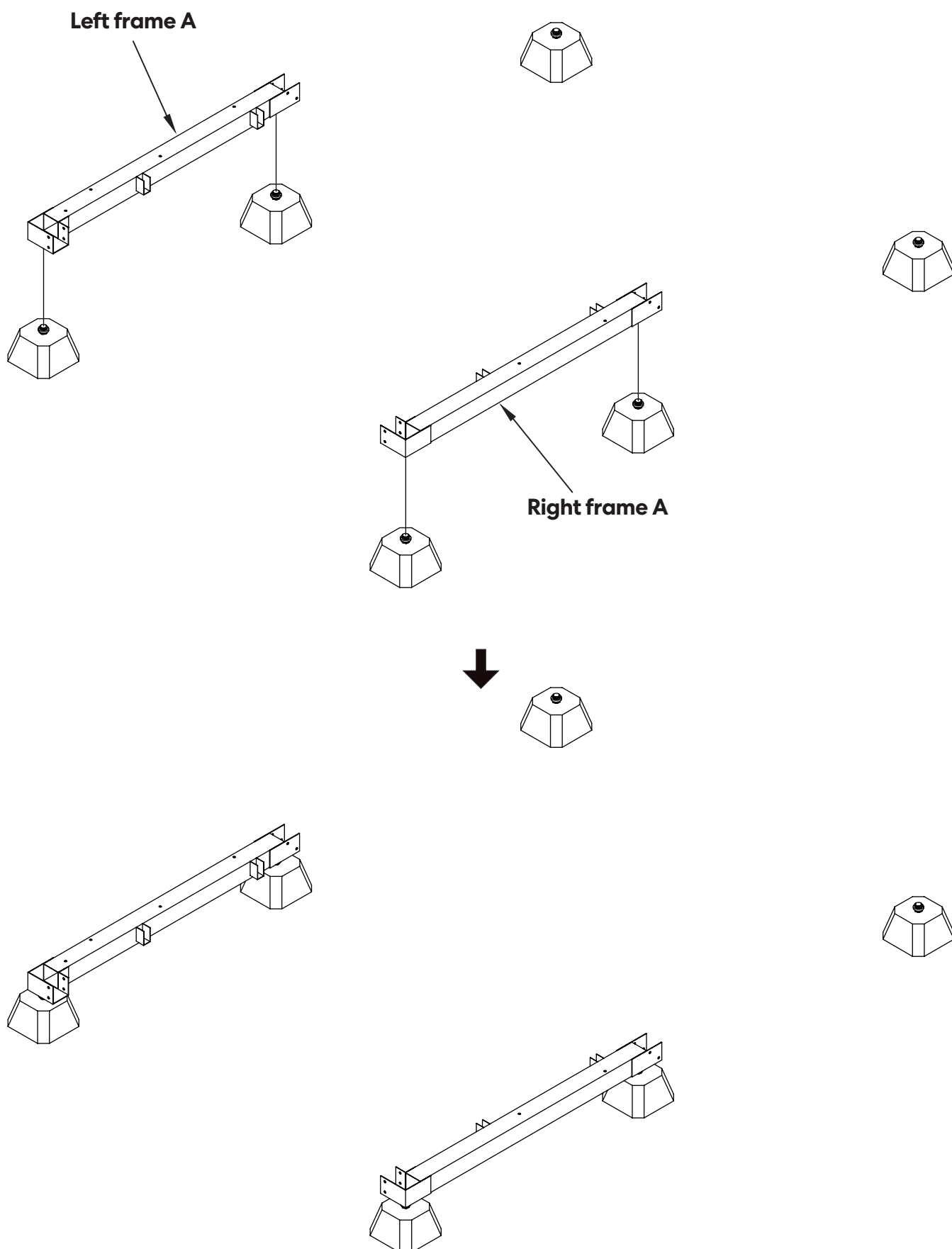
# Step 1

Place the **Concrete bases** in position and make sure the distances between them adhere to the ones in the figure below.



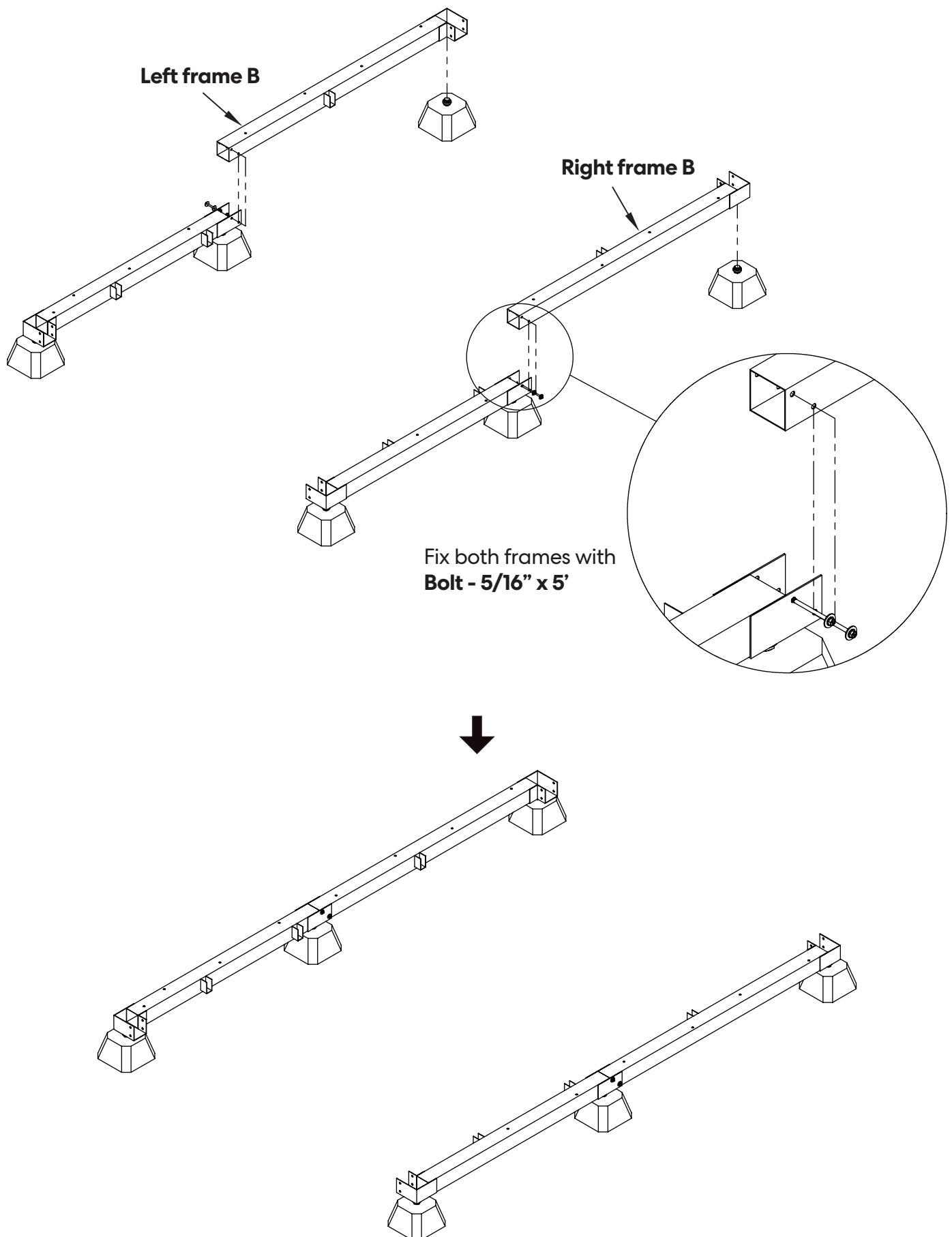
## Step 2

Install **Left frame A** and **Right frame A**.



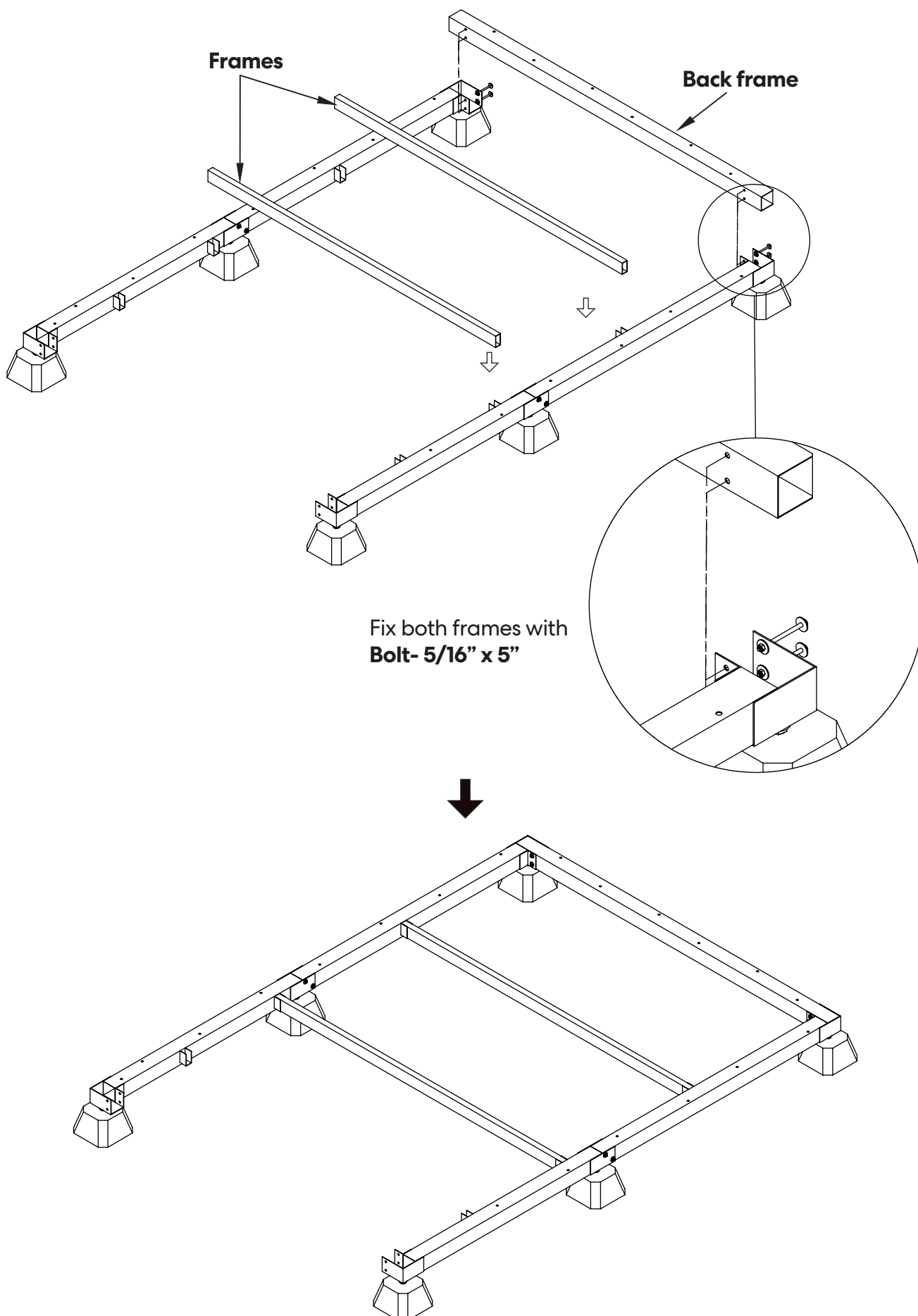
# Step 3

Install **Left frame B** and **Right frame B**.



## Step 4

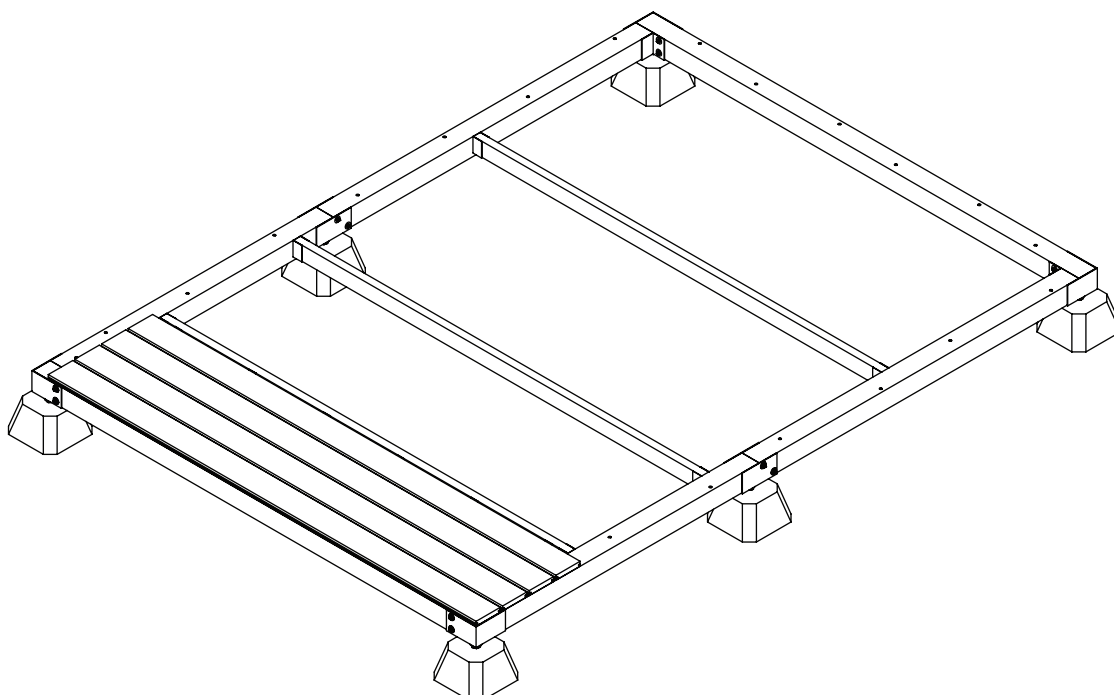
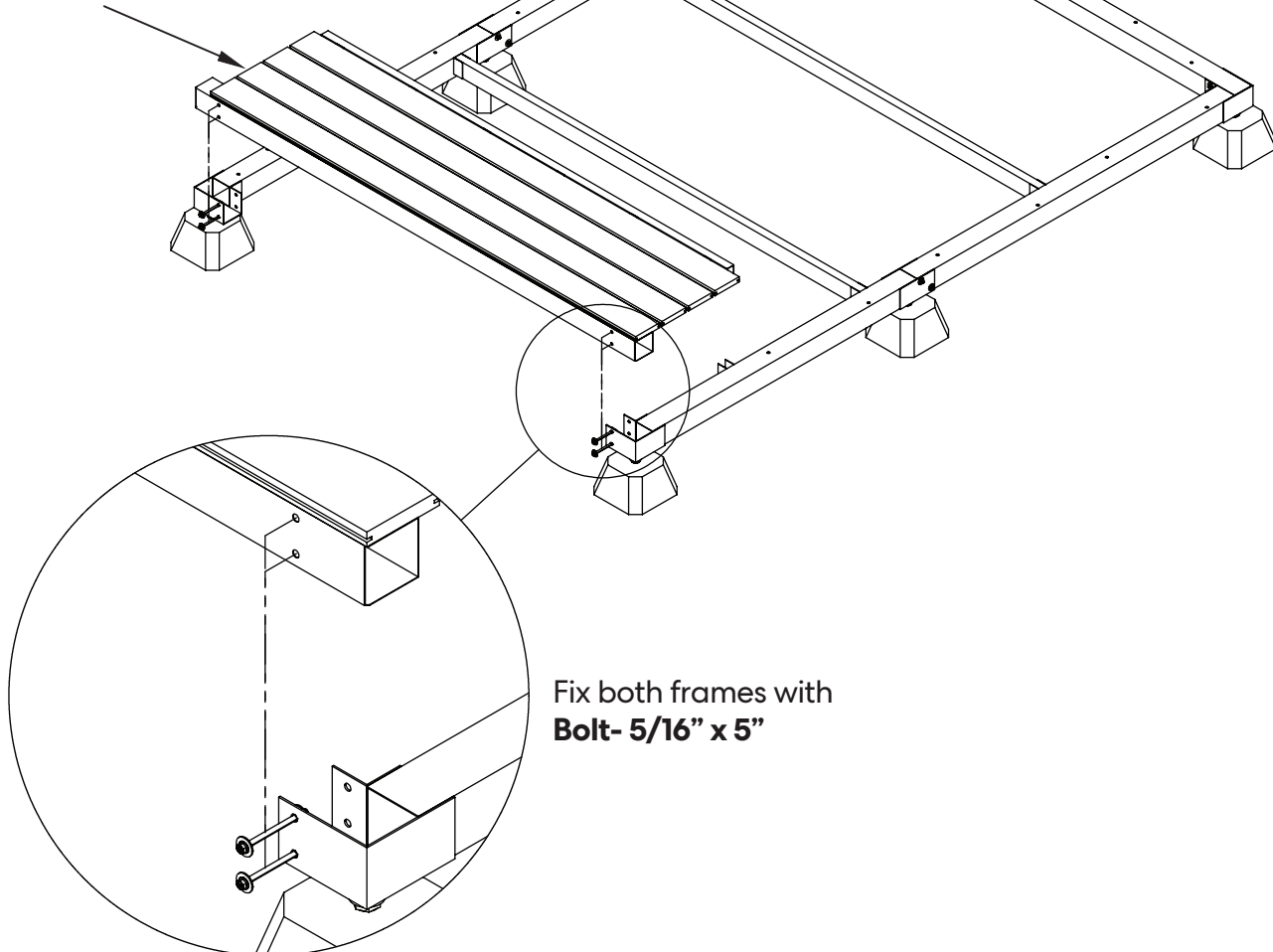
Install **Back frame** and both **Frames**.



# Step 5

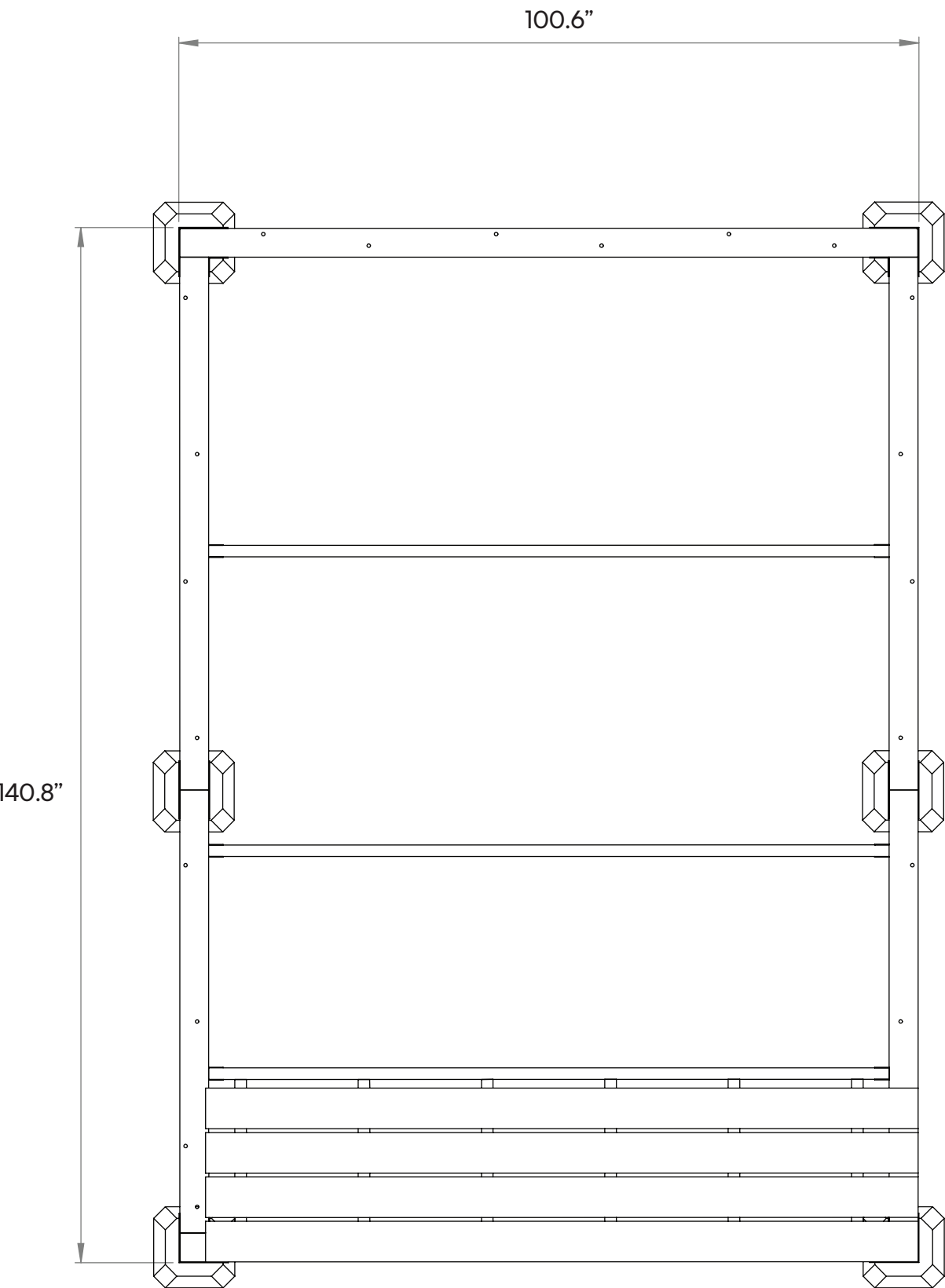
Install **Front frame**.

**Front frame**



# Step 6

Once you have completed the foundation, make sure the size adheres to the measurements in the figure below.

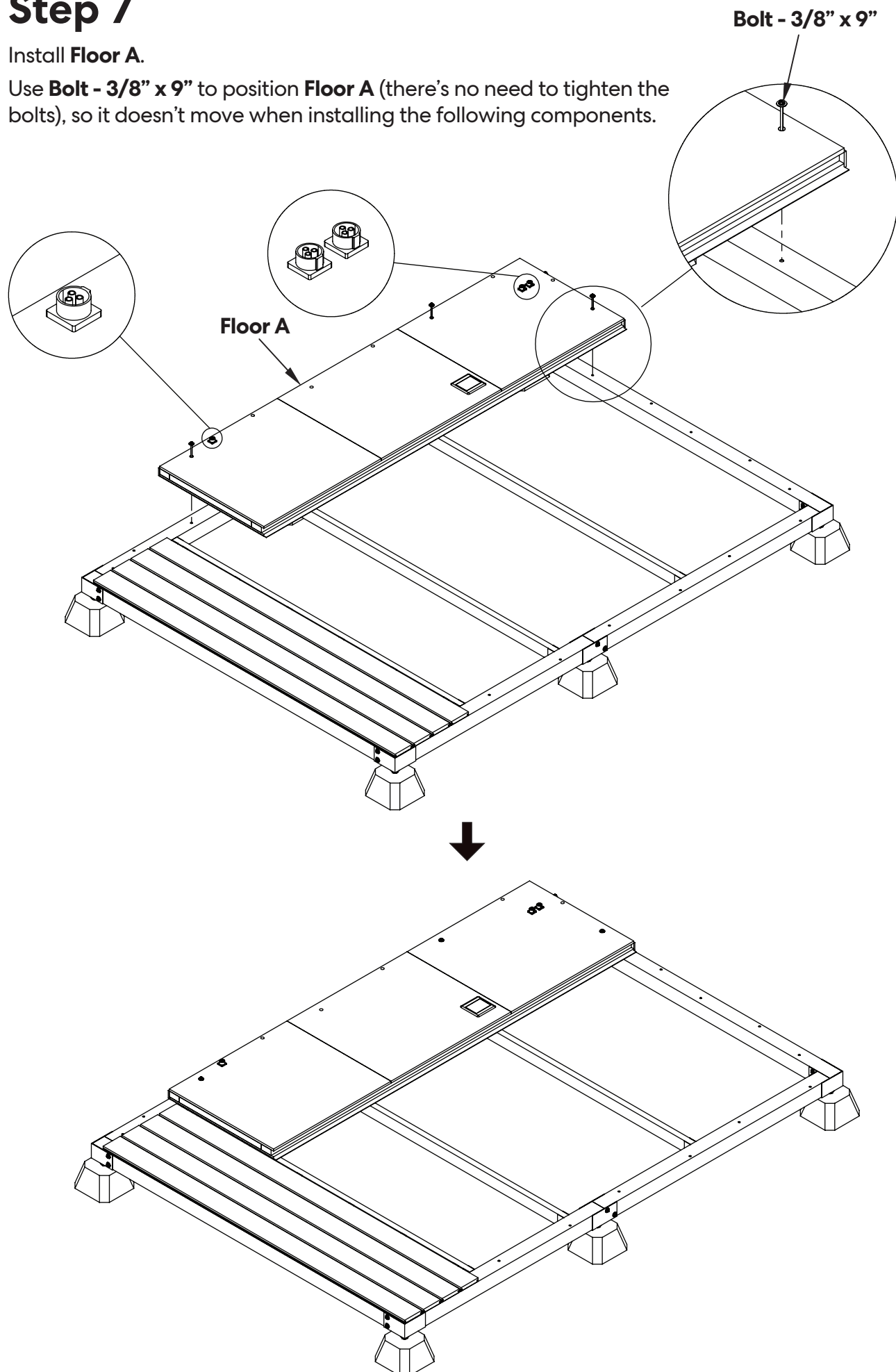




# Step 7

Install **Floor A**.

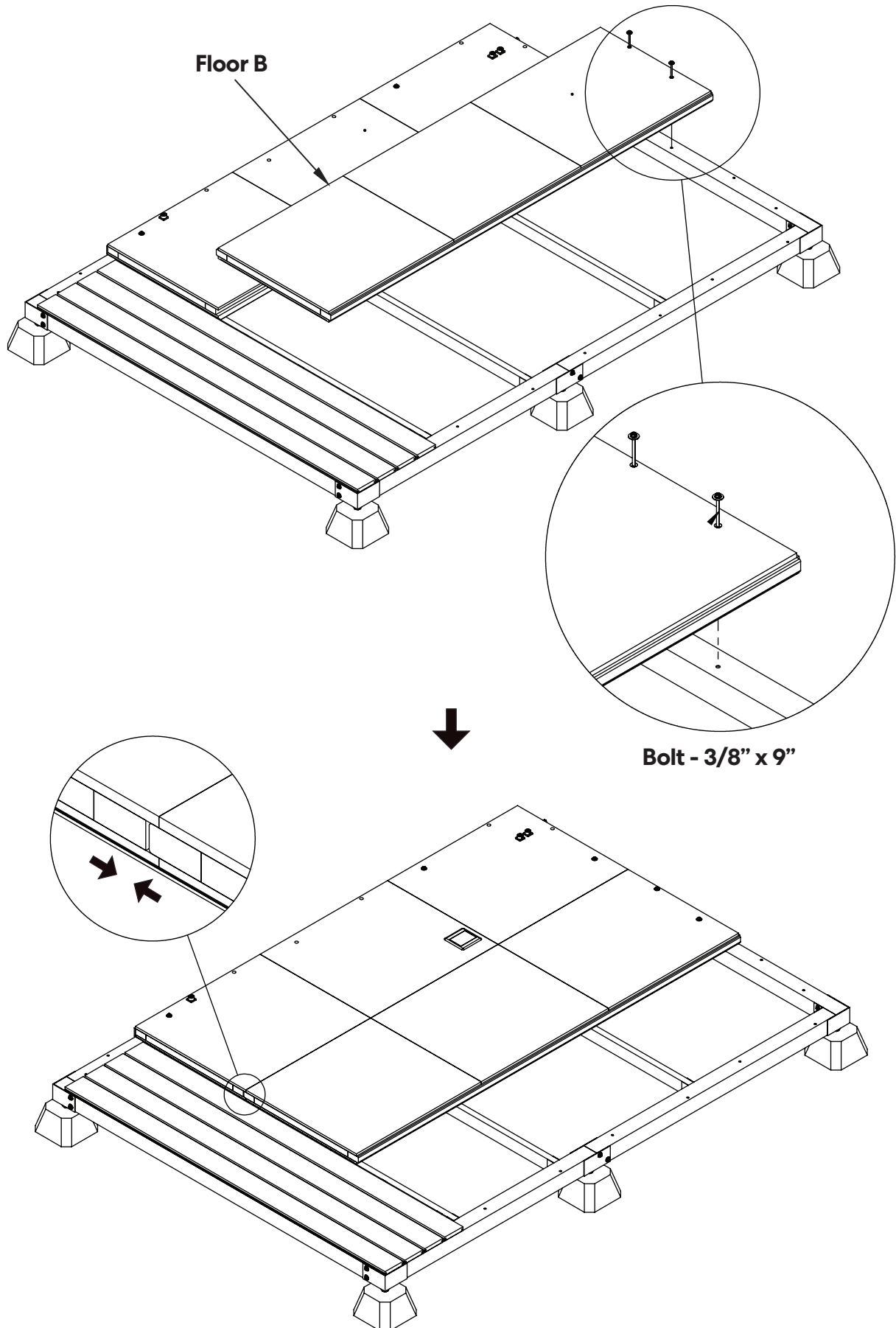
Use **Bolt - 3/8" x 9"** to position **Floor A** (there's no need to tighten the bolts), so it doesn't move when installing the following components.



## Step 8

Install **Floor B**.

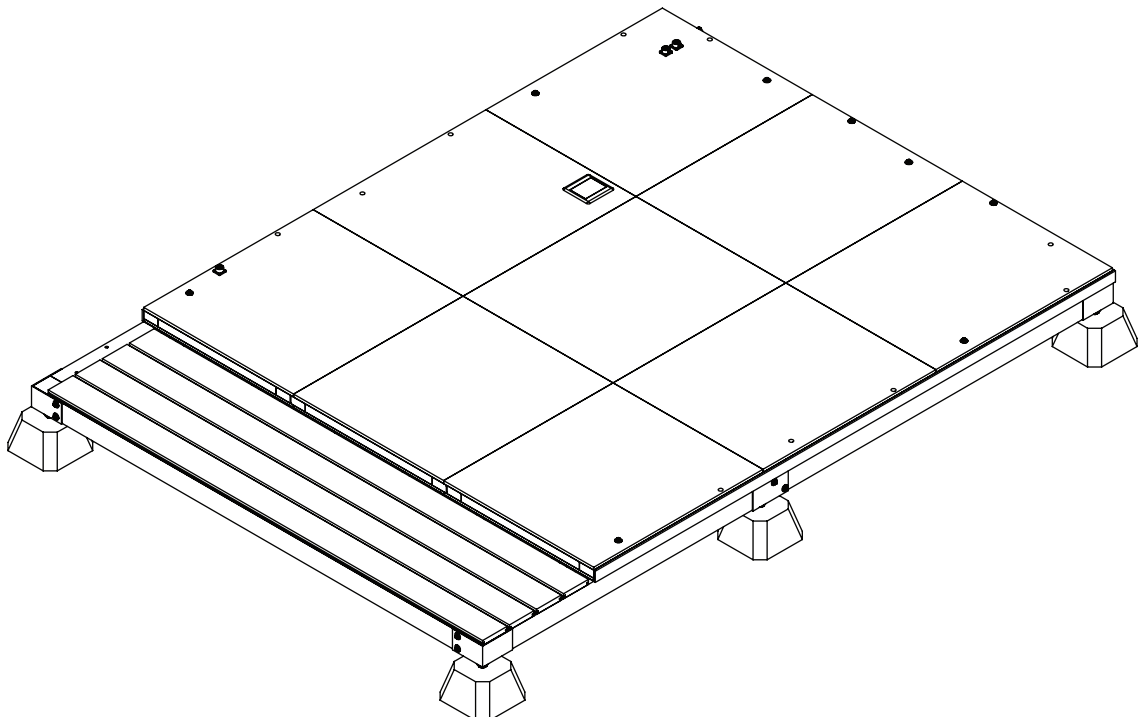
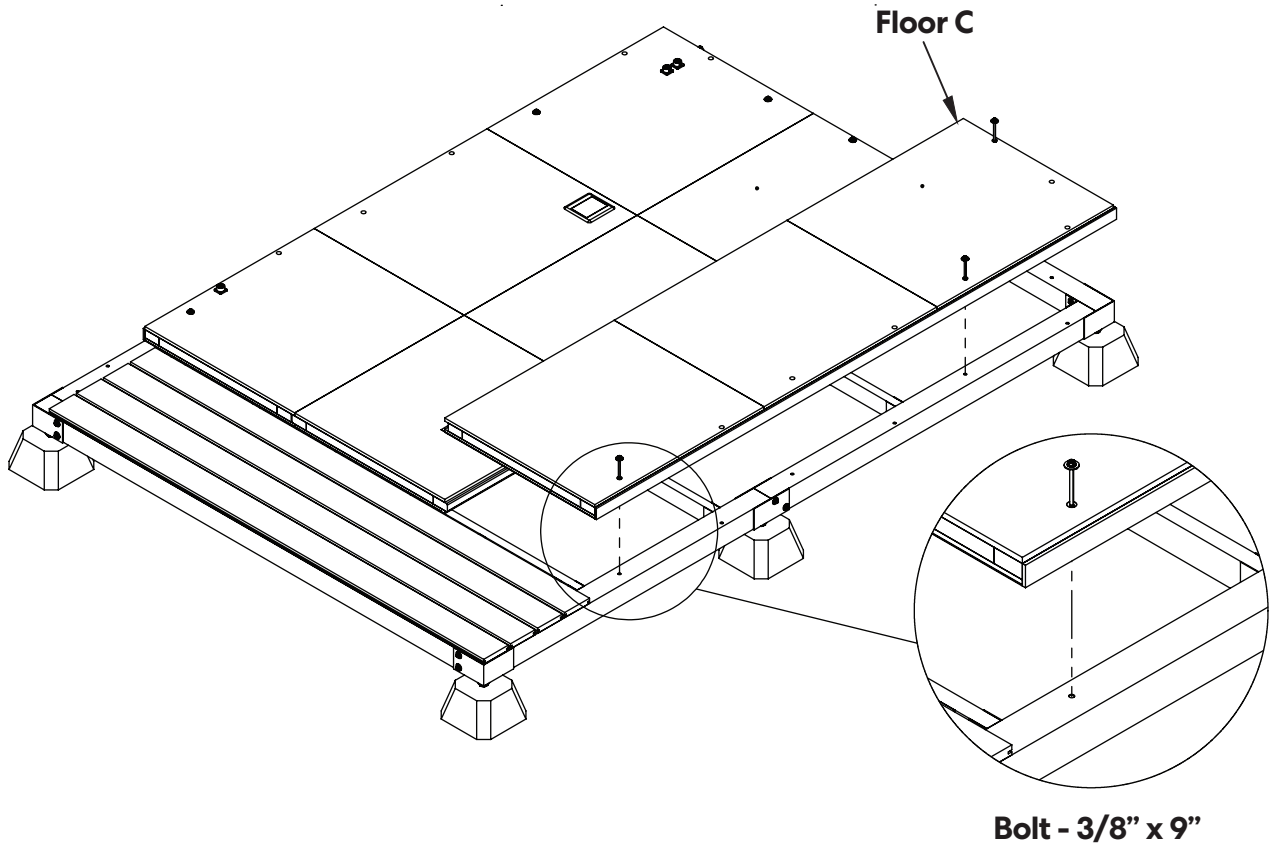
Use **Bolt - 3/8" x 9"** to position **Floor B** (there's no need to tighten the bolts), so it doesn't move when installing the following components.



## Step 9

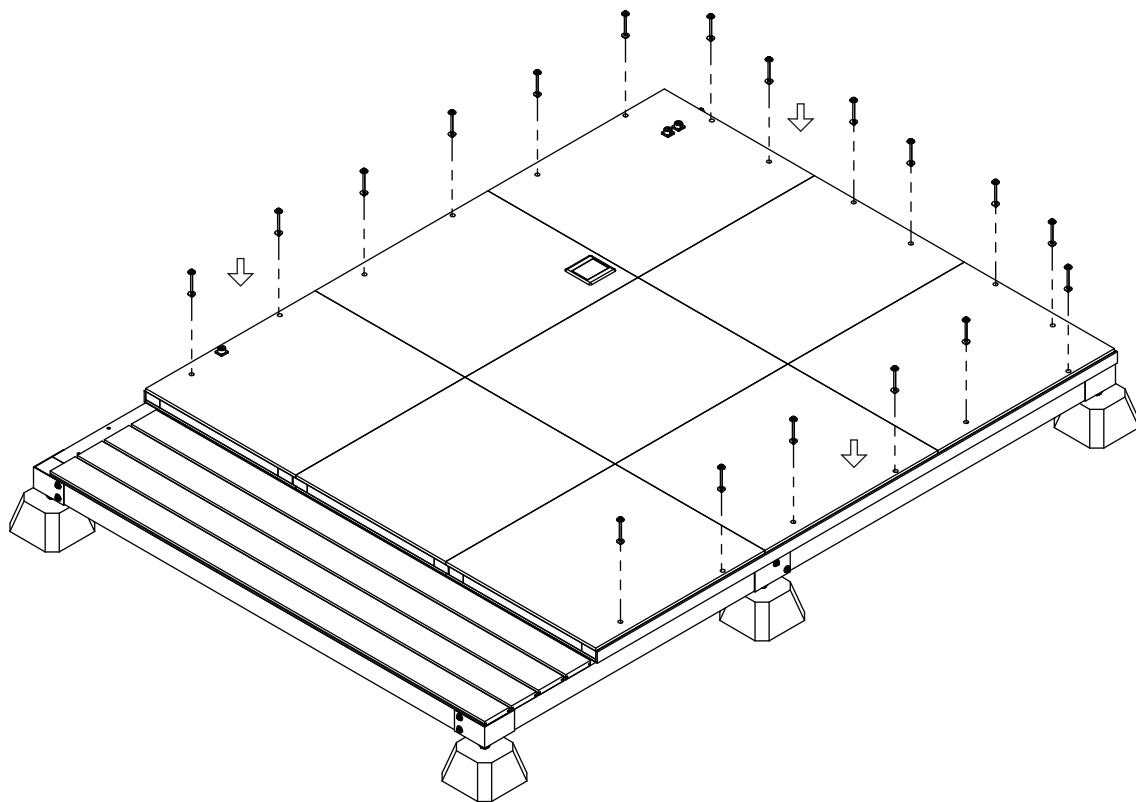
Install **Floor C**.

Use **Bolt - 3/8" x 9"** to position **Floor C** (there's no need to tighten the bolts), so it doesn't move when installing the following components.

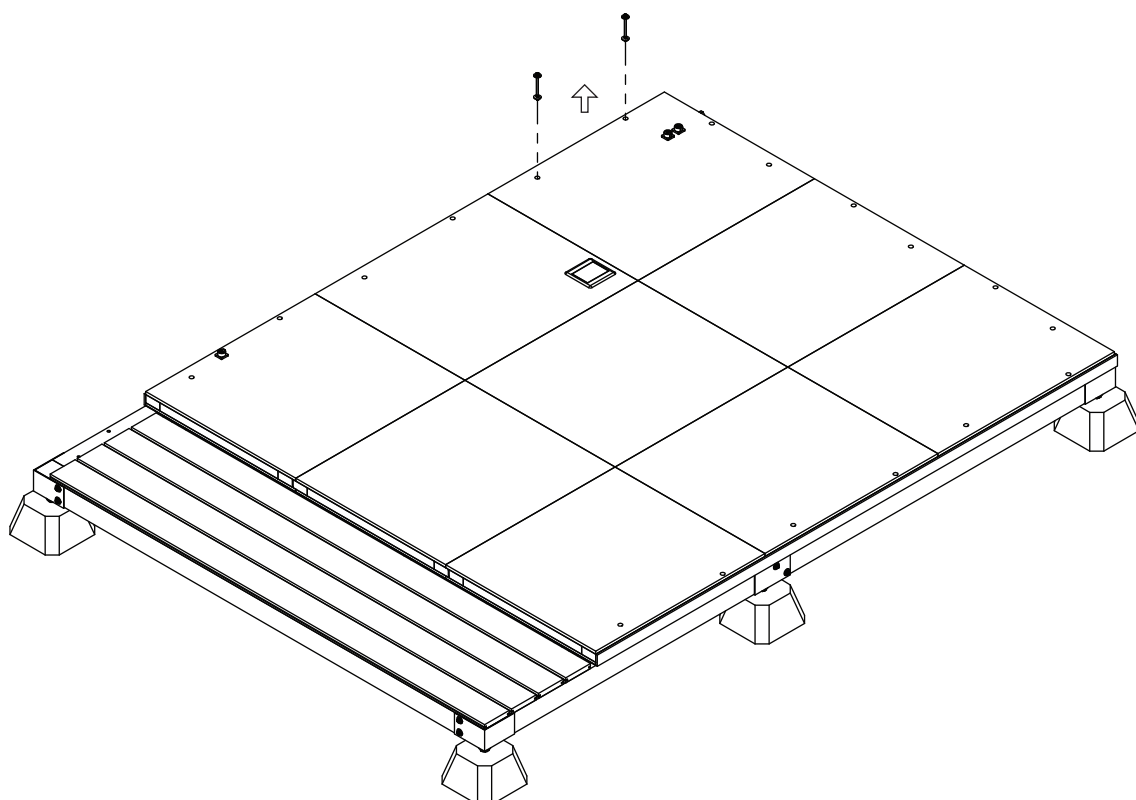


## Step 10

Use **Bolt - 3/8" x 9"** to ensure that all holes in the floor line up with the holes in the steel frame (there's no need to tighten the bolts).



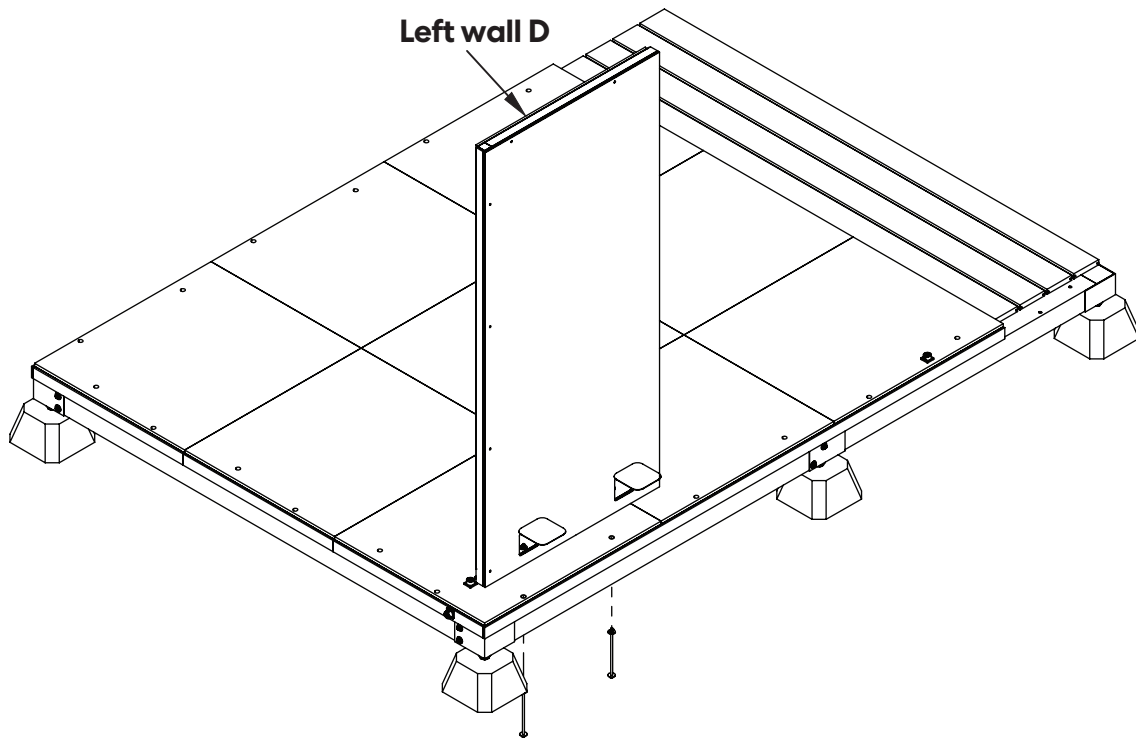
Remove the fixing bolts where the next wall will be installed.



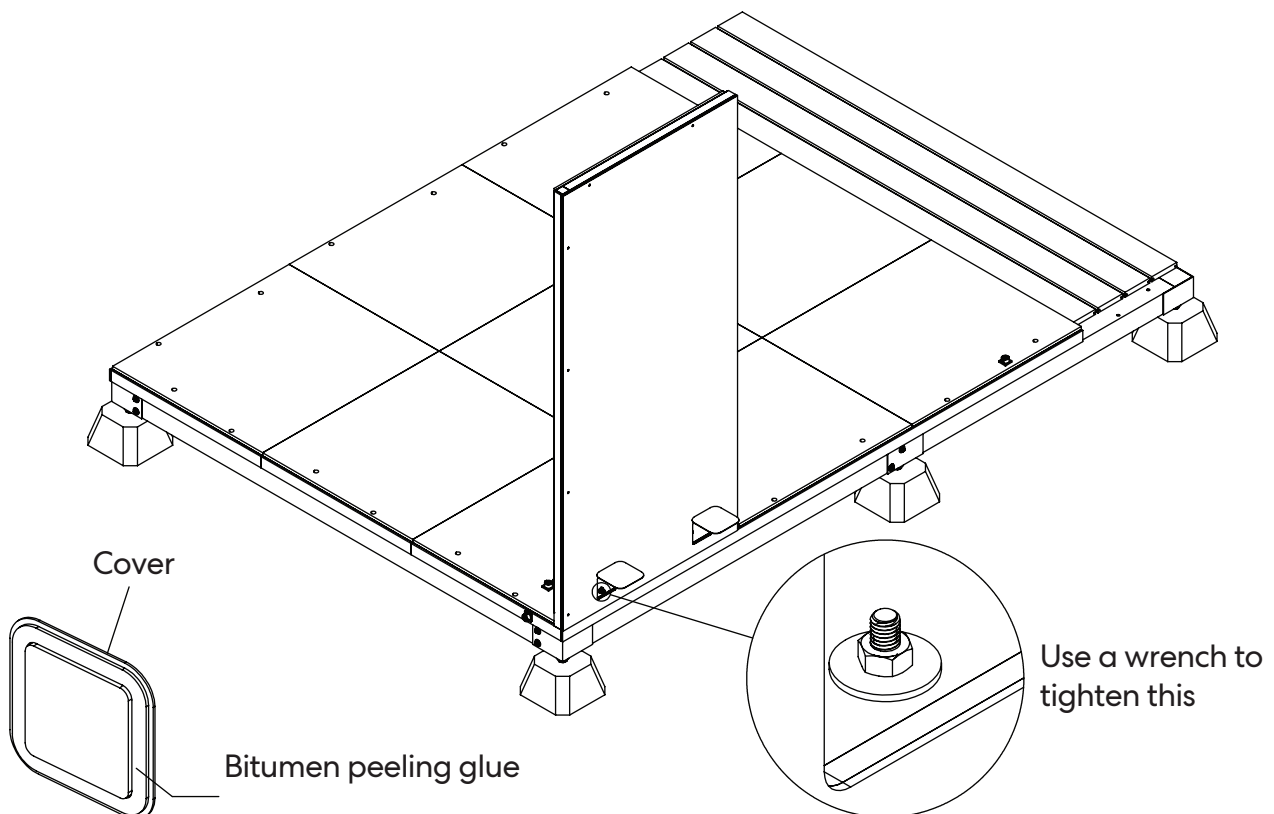
# Step 11

Install **Left wall D**.

Position the wall in place, then open the bitumen cover to attach the connecting bolt from the floor to the wall. Use the wrench to fix it in place.



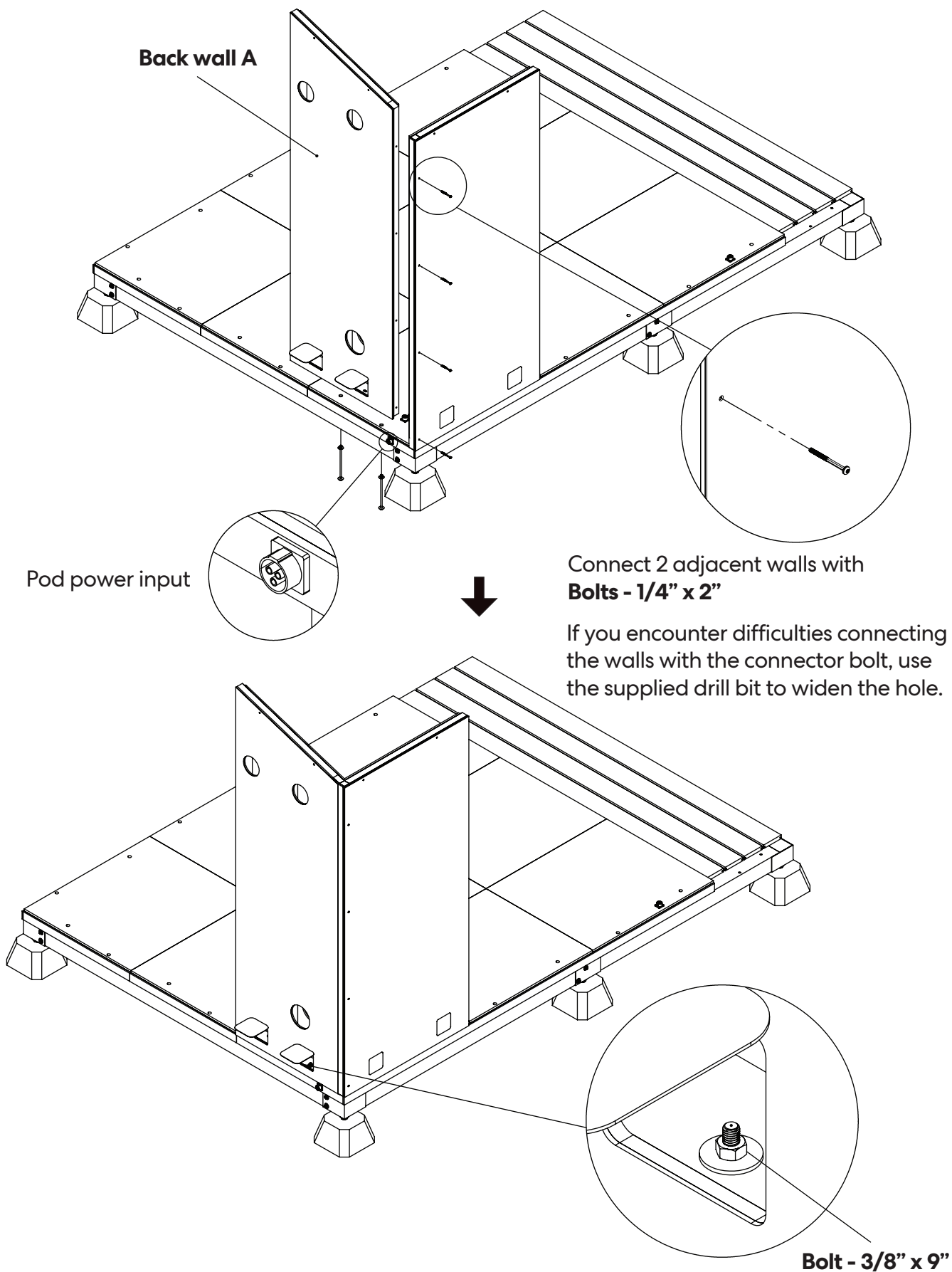
Only peel the glue off the cover and stick it in place after Step 28 is completed.



## Step 12

Install **Back wall A**.

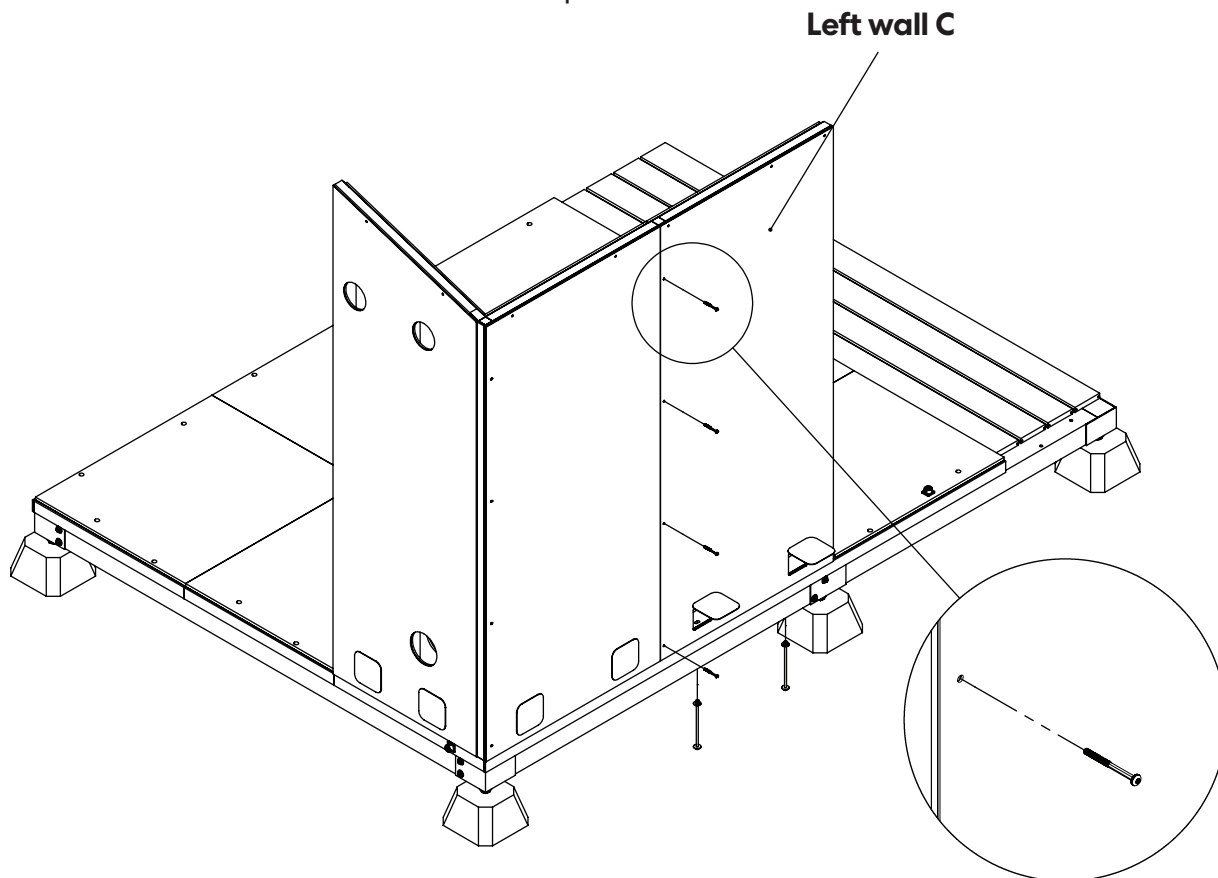
Position the wall in place, then open the bitumen cover to attach the connecting bolt from the floor to the wall. Use the wrench to fix it in place.



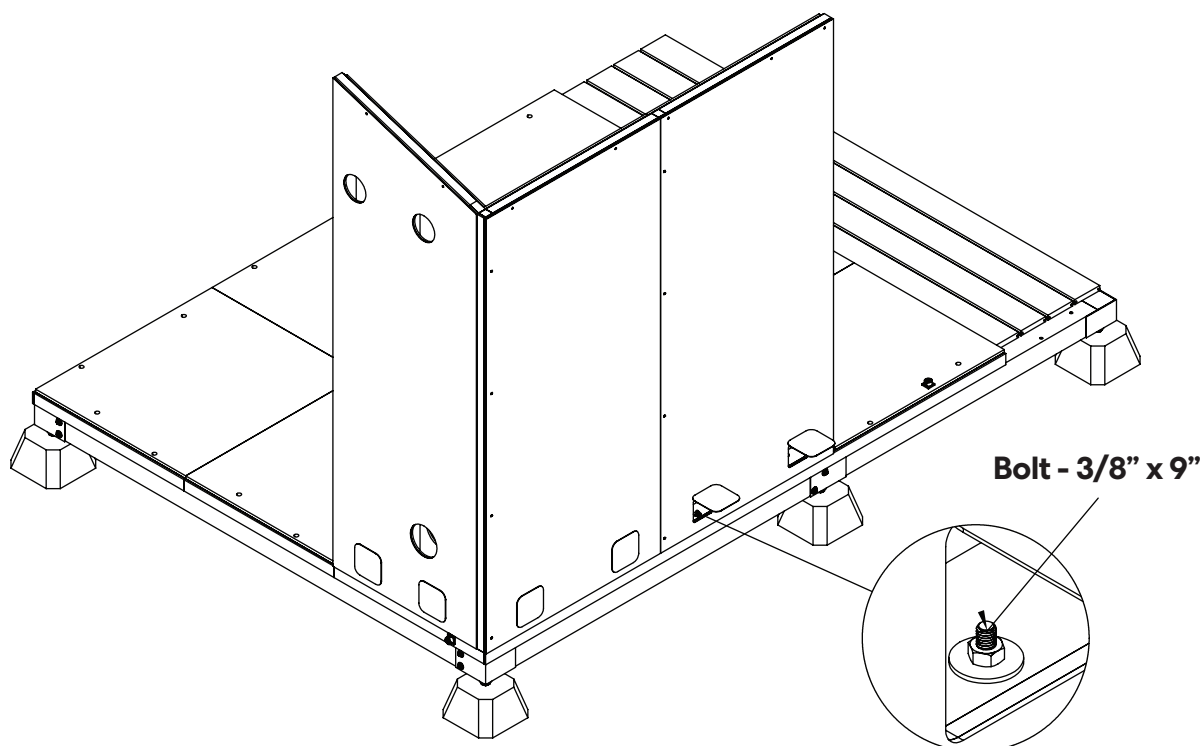
## Step 13

Install **Left wall C**.

Position the wall in place, then open the bitumen cover to attach the connecting bolt from the floor to the wall. Use the wrench to fix it in place.



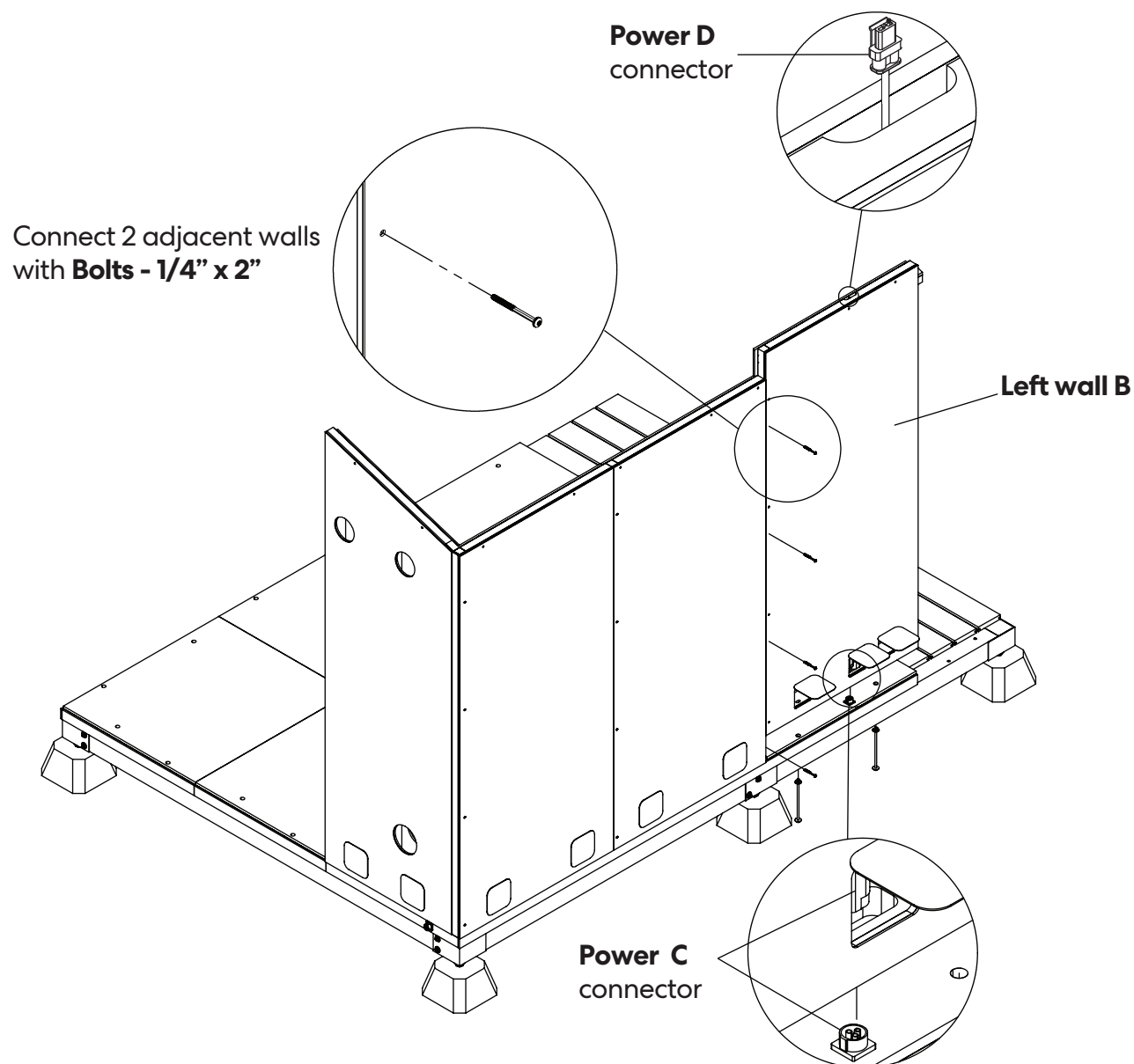
Connect 2 adjacent walls with **Bolts - 1/4" x 2"**



# Step 14

Install **Left wall B**.

Position the wall in place, then open the bitumen cover to attach the connecting bolt from the floor to the wall. Use the wrench to fix it in place.



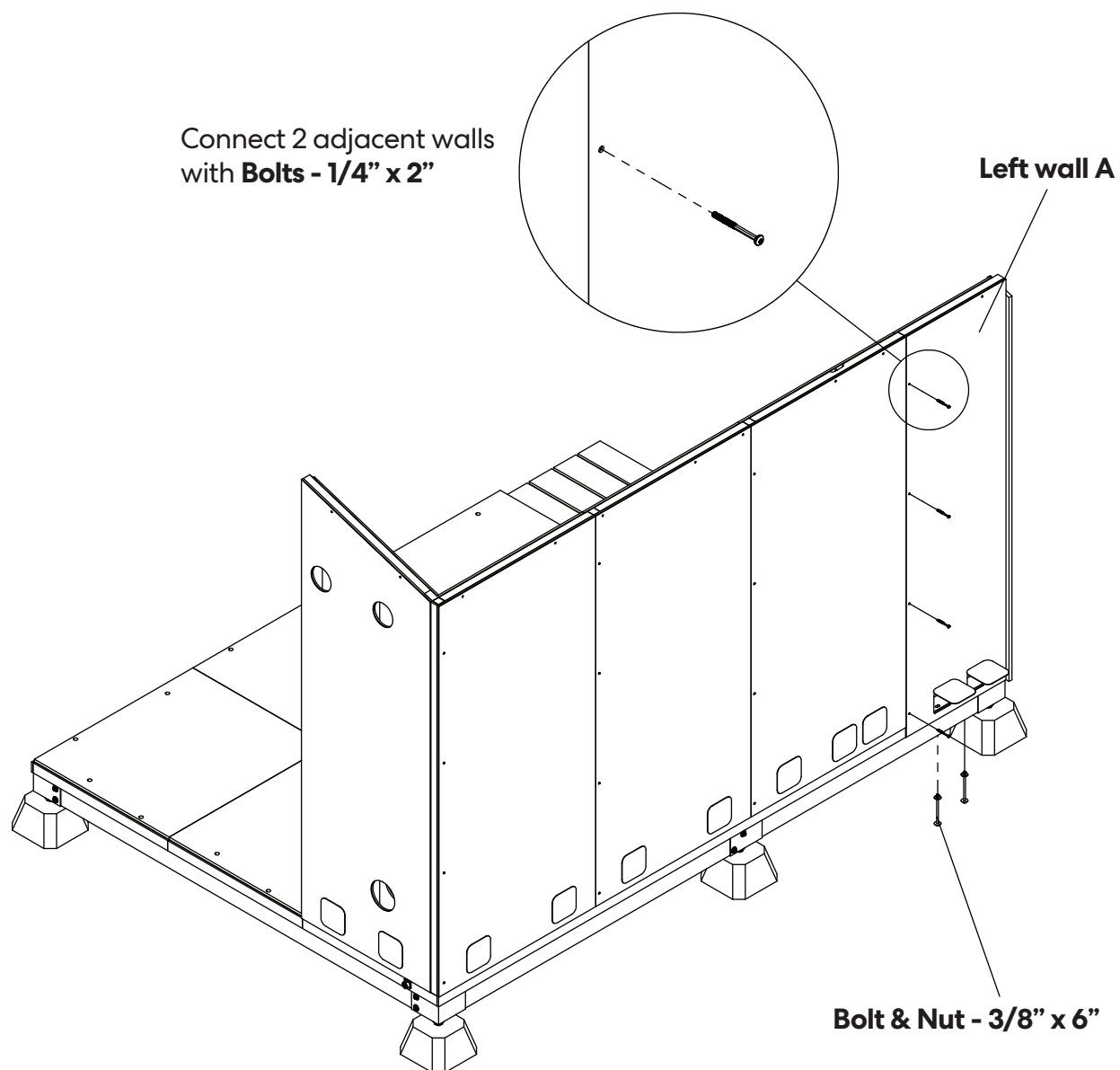
Note where **Power C** connector is located on the floor and carefully align **Left Wall B** with it. Once the wall is in place, open the bitumen cover and connect the **Power C** male connector on the wall to the **Power C** female connector on the floor.



# Step 15

Install **Left wall A**.

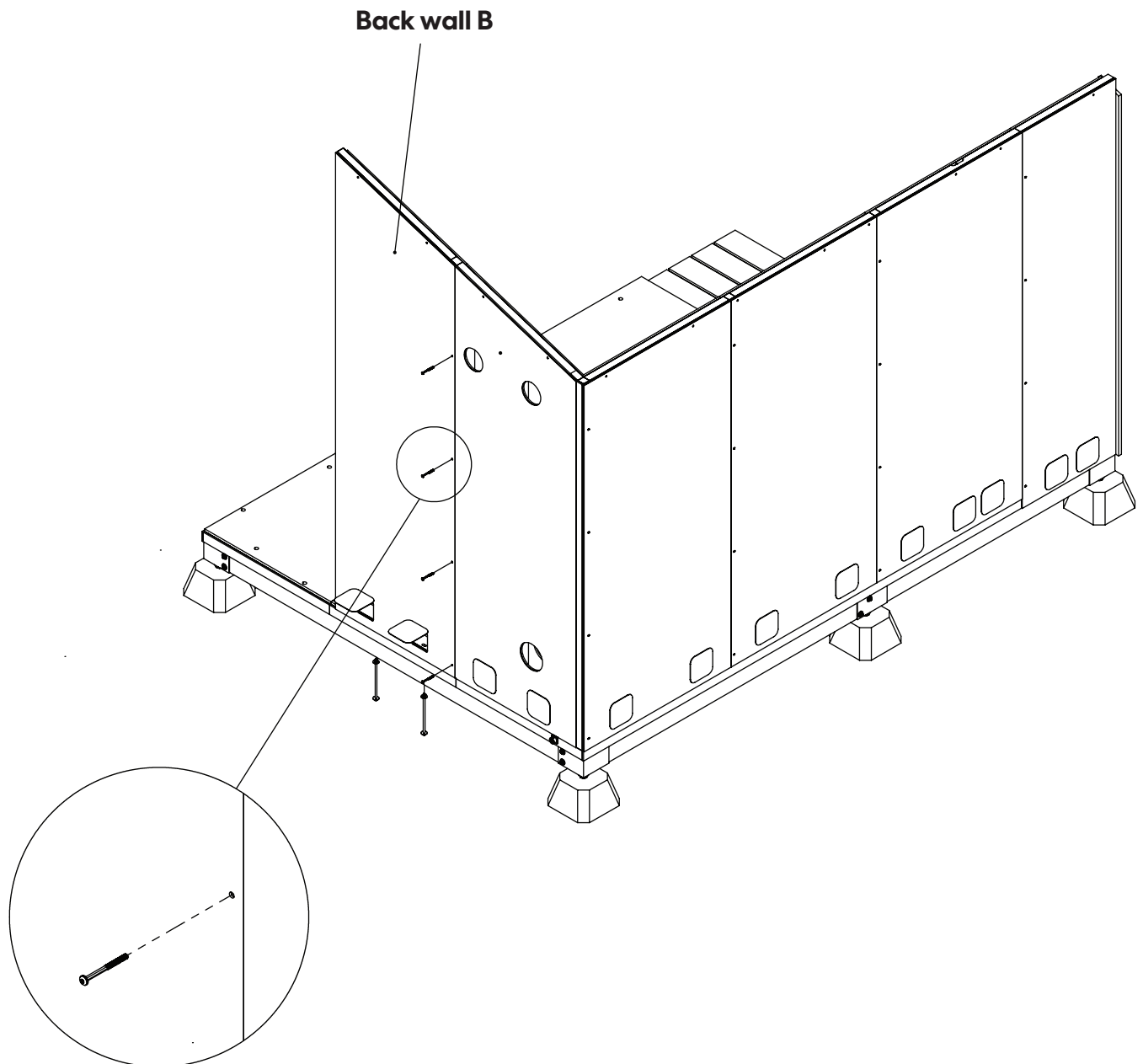
Position the wall in place, then open the bitumen cover to attach the connecting bolt from the floor to the wall. Use the wrench to fix it in place.



# Step 16

Install **Back wall B**.

Position the wall in place, then open the bitumen cover to attach the connecting bolt from the floor to the wall. Use the wrench to fix it in place.

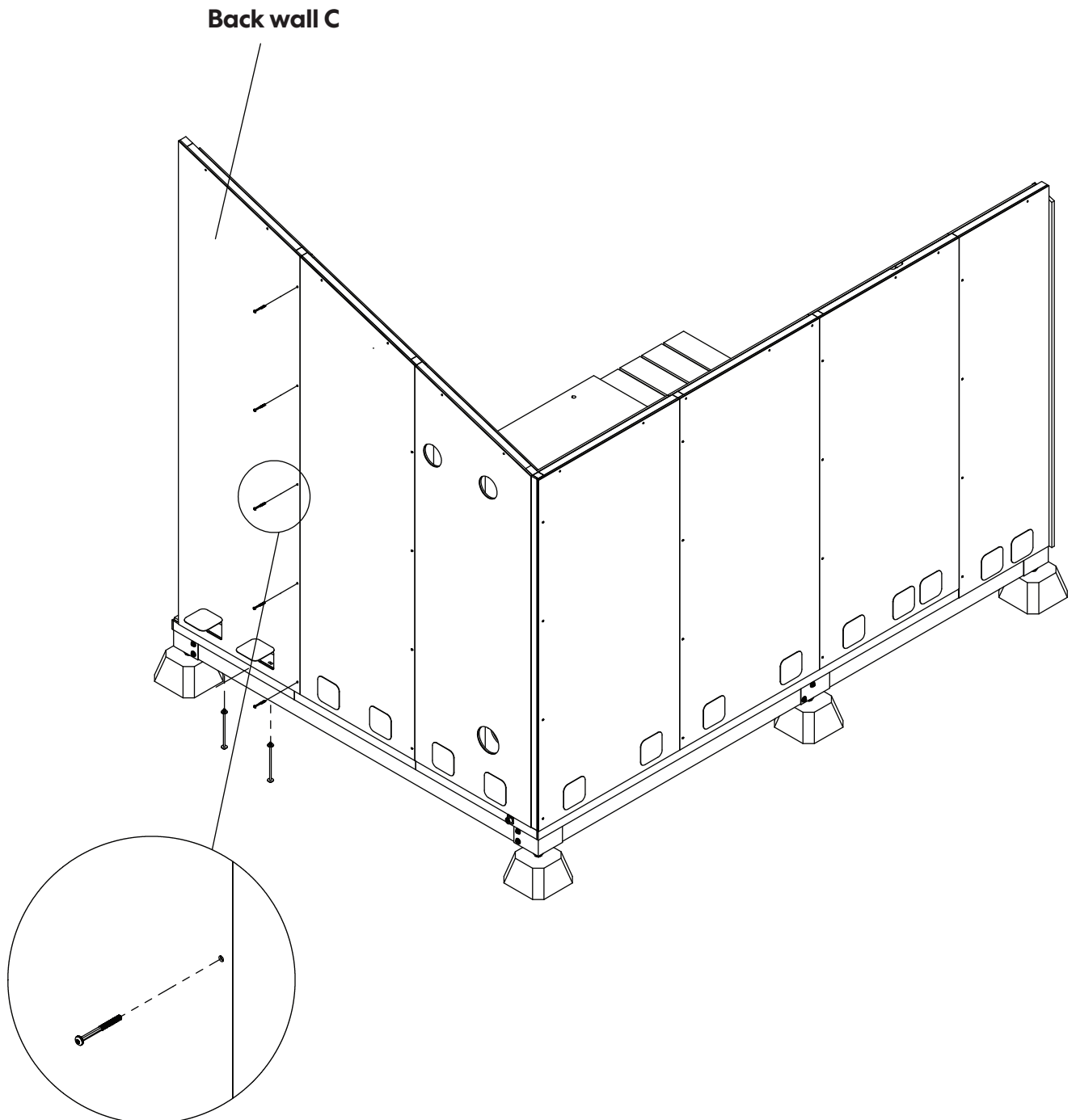


Connect 2 adjacent walls  
with **Bolts - 1/4" x 2"**

# Step 17

Install **Back wall C**.

Position the wall in place, then open the bitumen cover to attach the connecting bolt from the floor to the wall. Use the wrench to fix it in place.

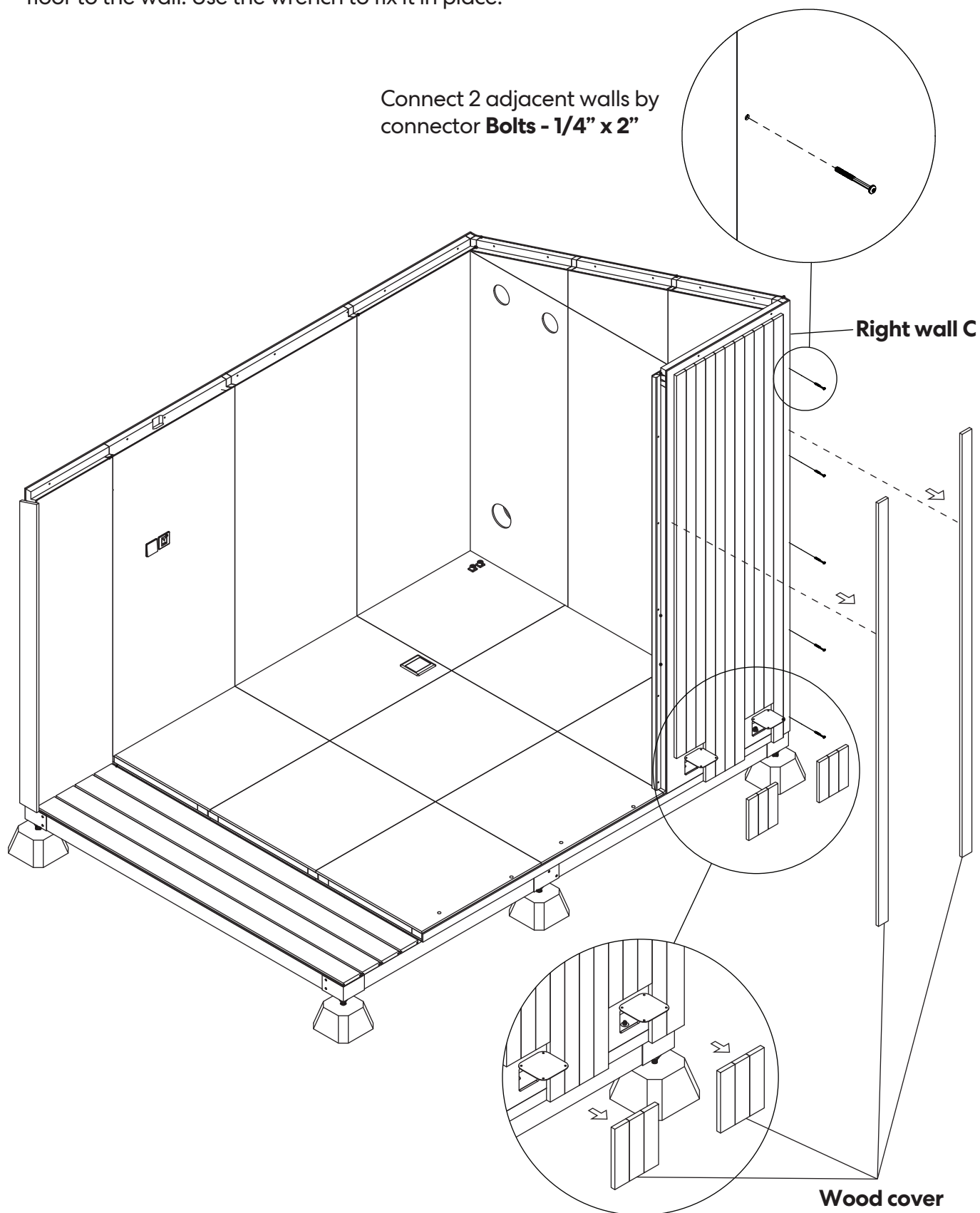


Connect 2 adjacent walls  
with **Bolts - 1/4" x 2"**

# Step 18

Install **Right wall C**.

Position the wall in place, then open the bitumen cover to attach the connecting bolt from the floor to the wall. Use the wrench to fix it in place.

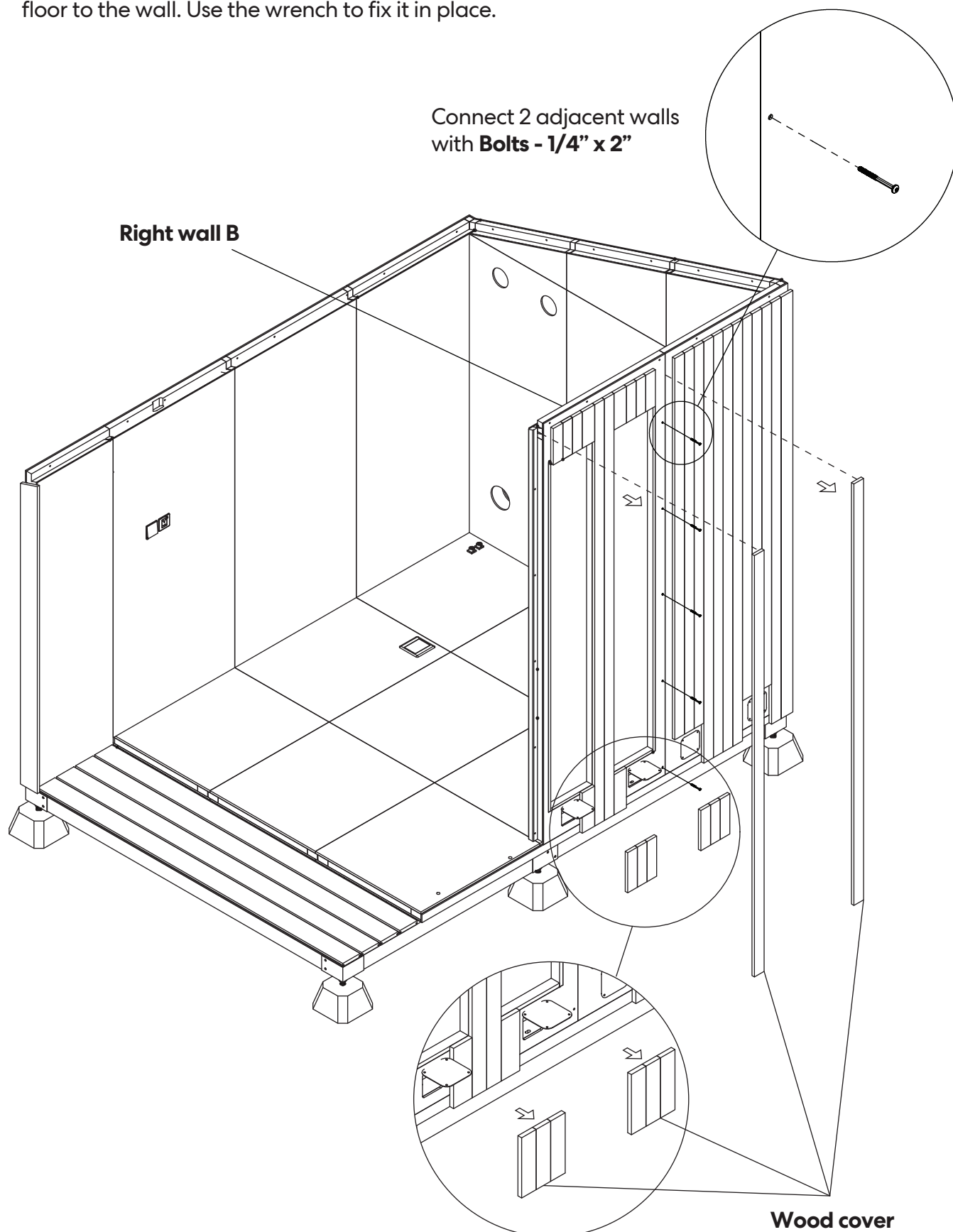


Temporarily remove the wood cover for the joints. Replace after installation is complete and bitumen cover is glued.

# Step 19

Install **Right wall B**.

Position the wall in place, then open the bitumen cover to attach the connecting bolt from the floor to the wall. Use the wrench to fix it in place.

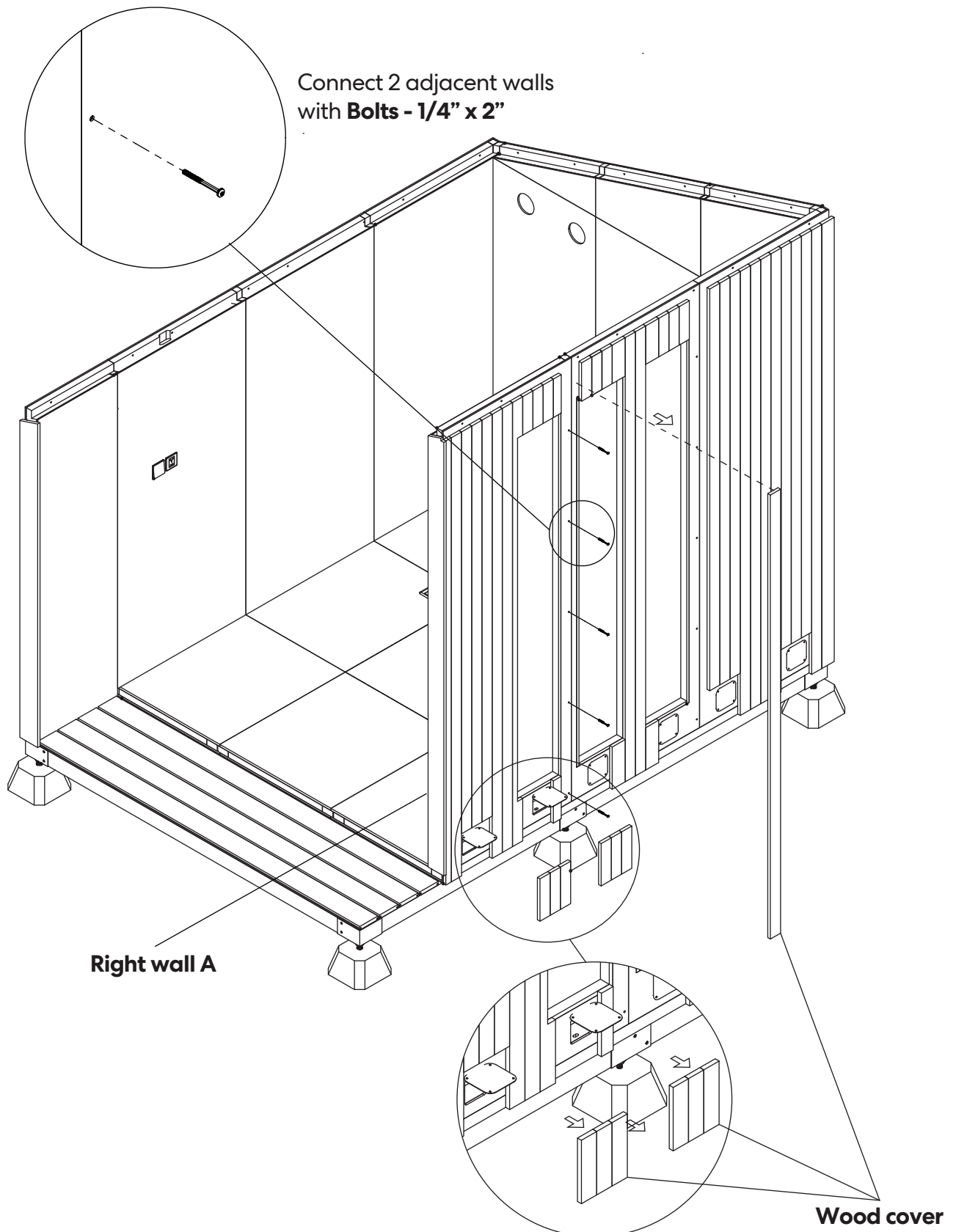


Temporarily remove the wood cover for the joints. Replace after installation is complete and bitumen cover is glued.

## Step 20

### Install **Right wall A**.

Position the wall in place, then open the bitumen cover to attach the connecting bolt from the floor to the wall. Use the wrench to fix it in place.

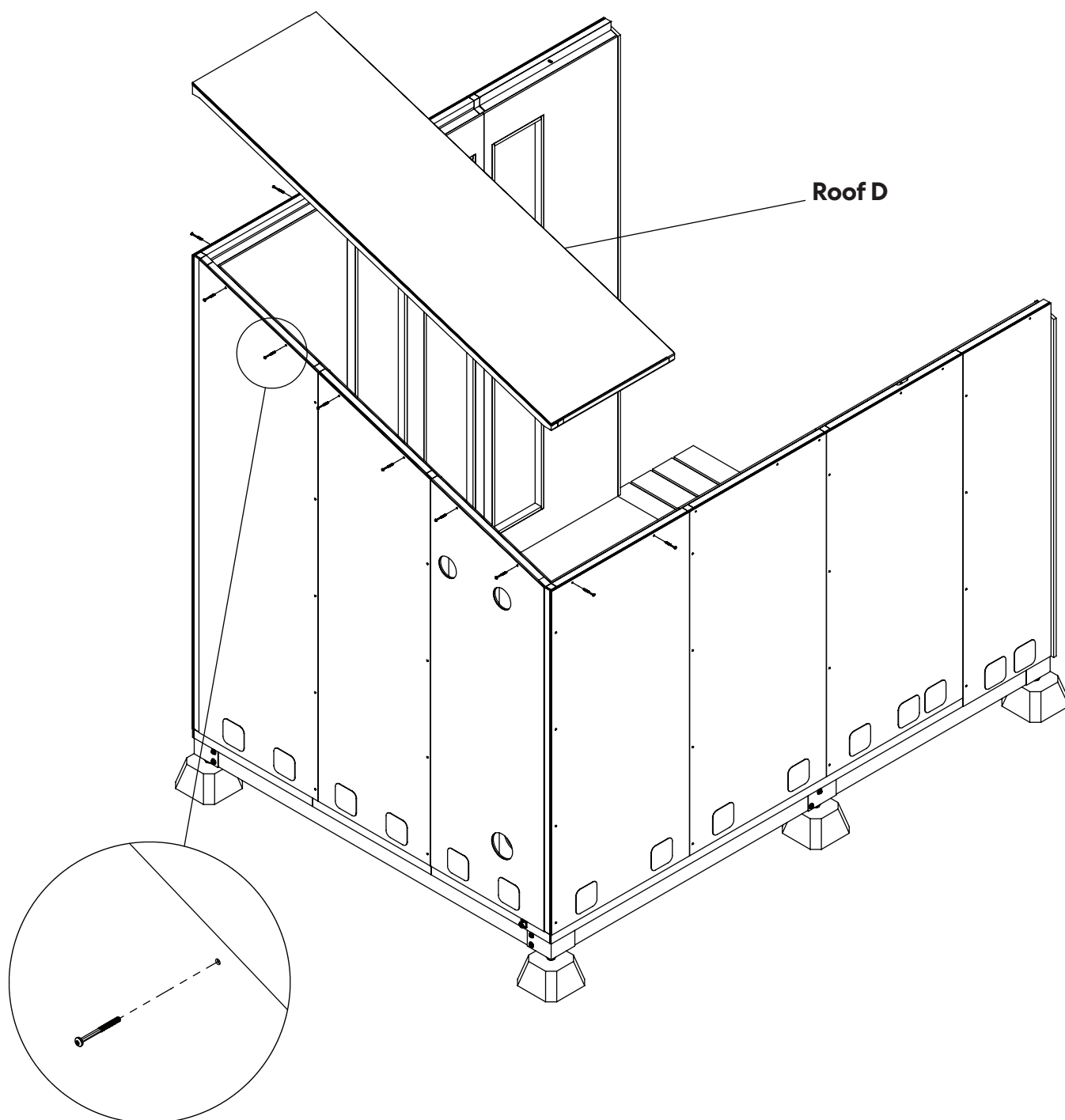


Temporarily remove the wood cover for the joints. Replace after installation is complete and bitumen cover is glued.

# Step 21

Install **Roof D**.

Position the the roof in place, connecting all joints with connector bolts.

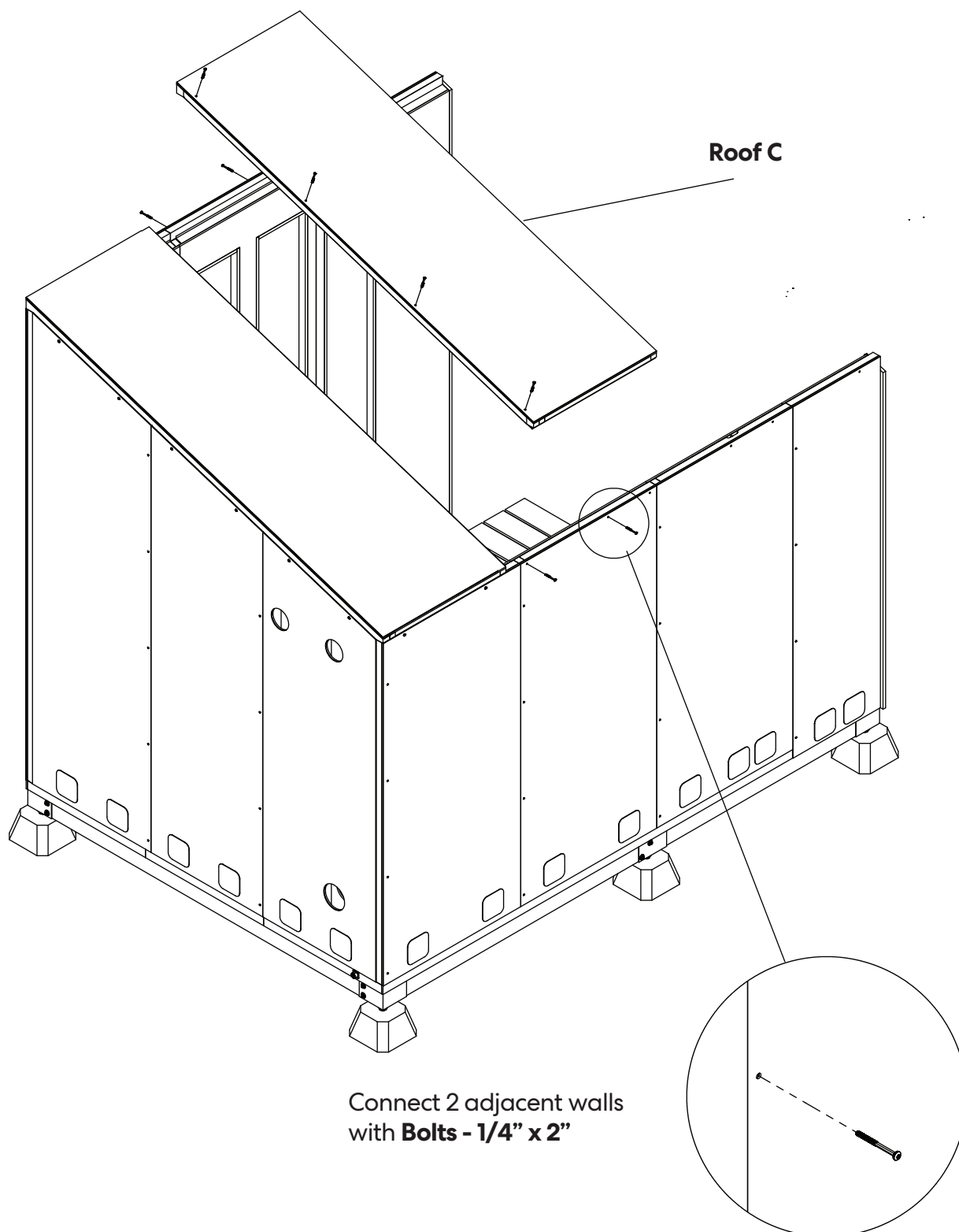


Connect 2 adjacent walls by  
connector **Bolts - 1/4" x 2"**

## Step 22

Install **Roof C**.

Position the the roof in place, connecting all joints with connector bolts.

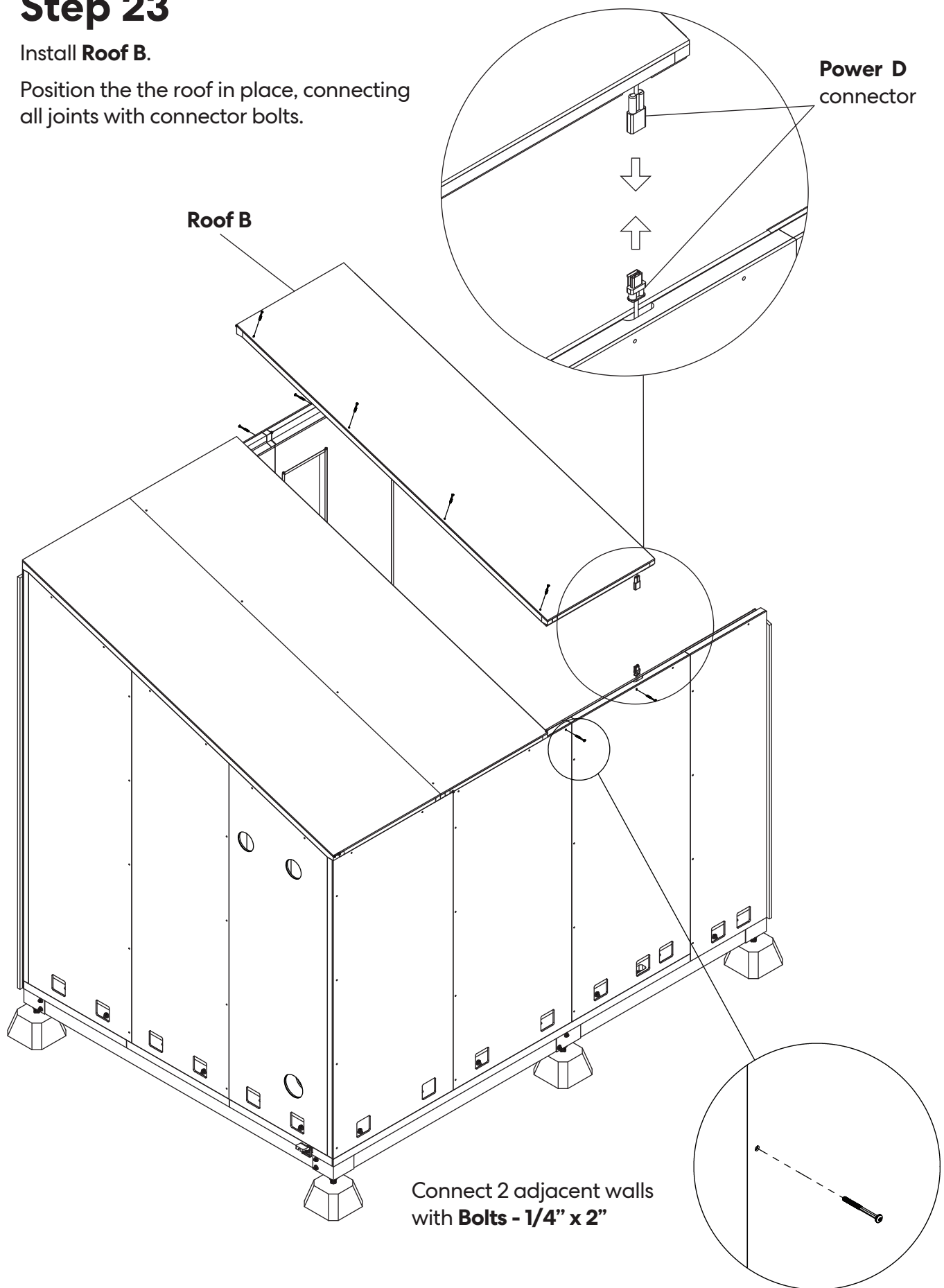




## Step 23

Install **Roof B**.

Position the the roof in place, connecting all joints with connector bolts.

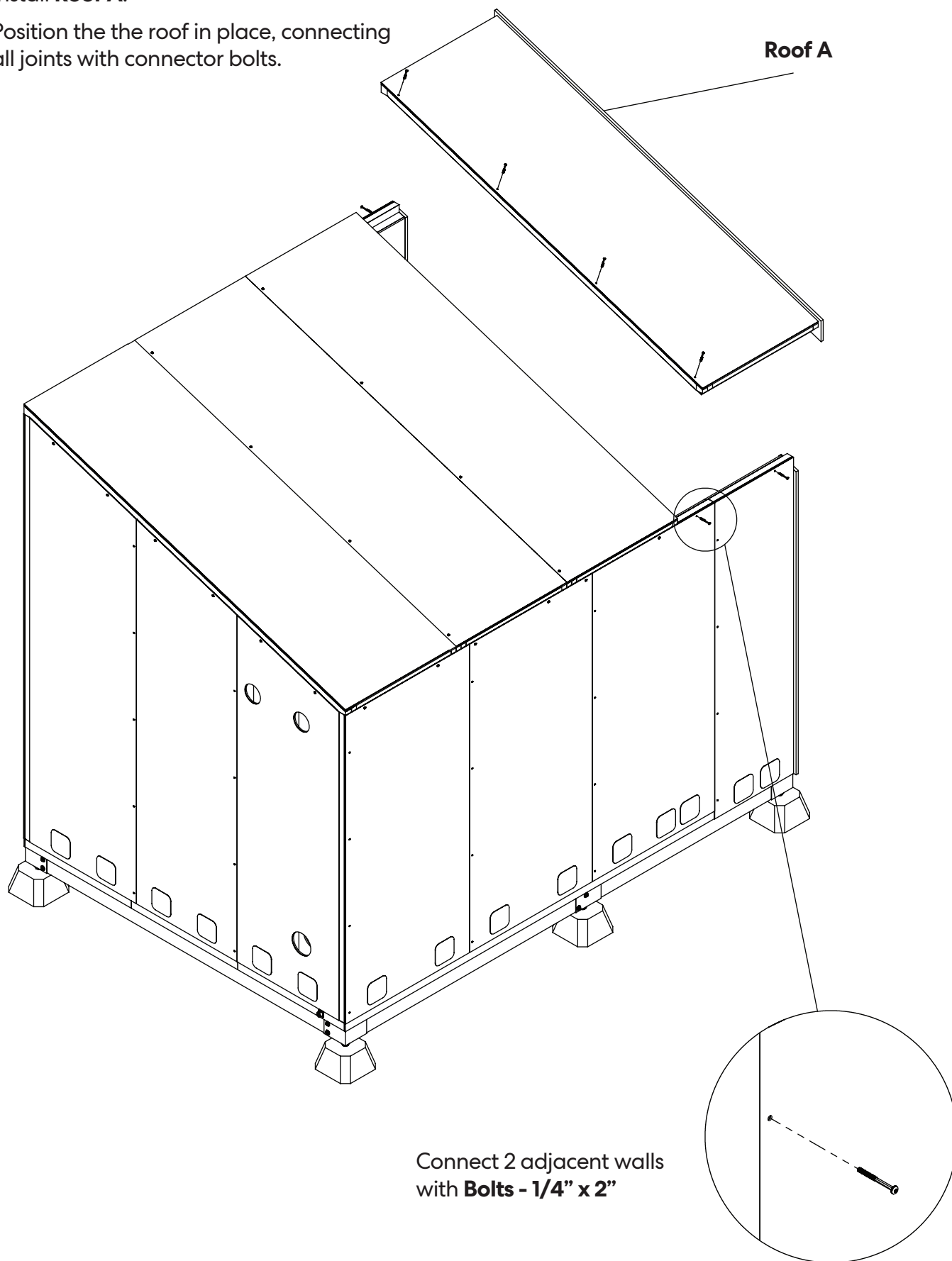


Connect the **Power D** male connector on the wall to the **Power D** female connector on the roof before carefully placing **Roof B** in position.

## Step 24

Install **Roof A**.

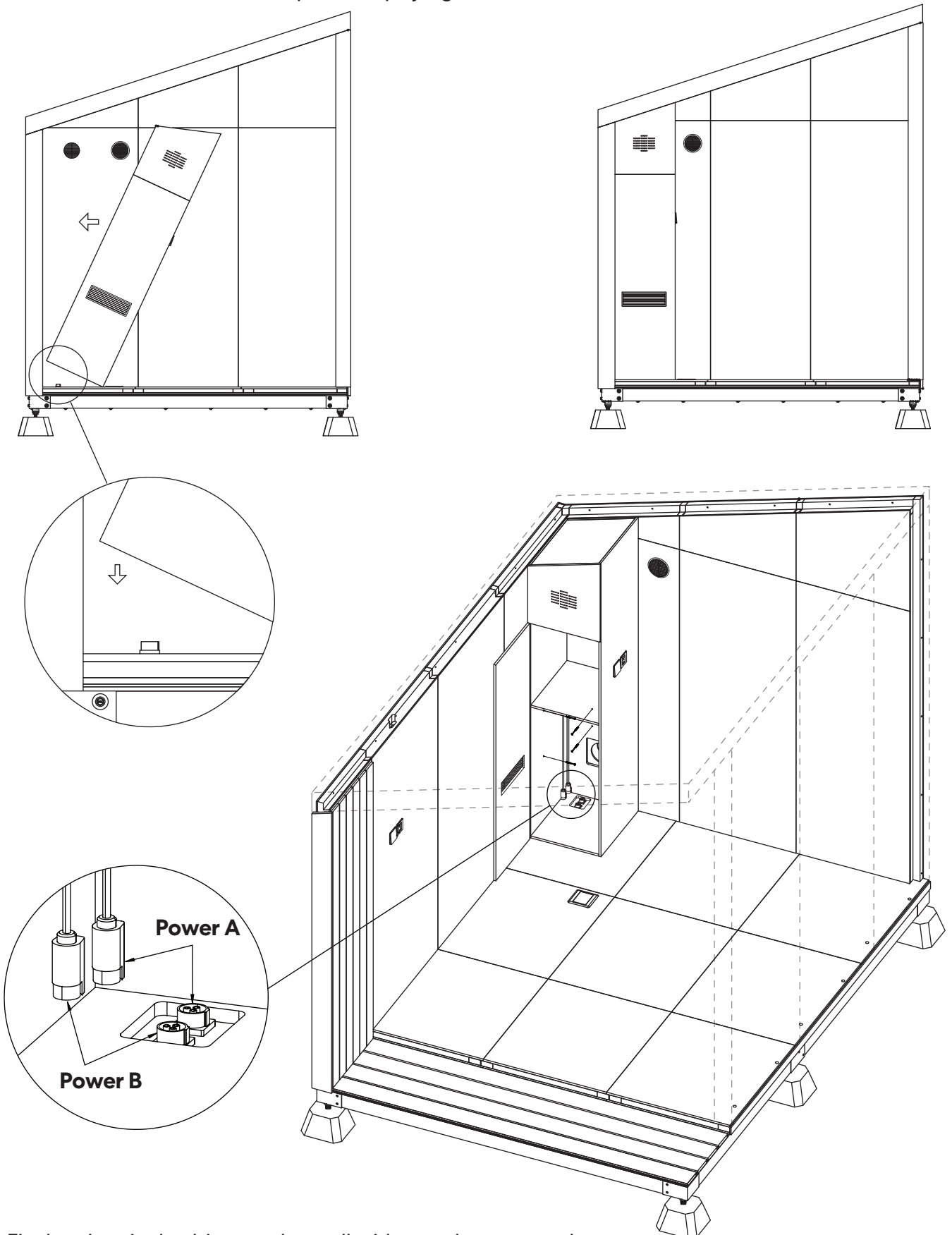
Position the the roof in place, connecting all joints with connector bolts.



# Step 25

Install **Electrical cabinet**.

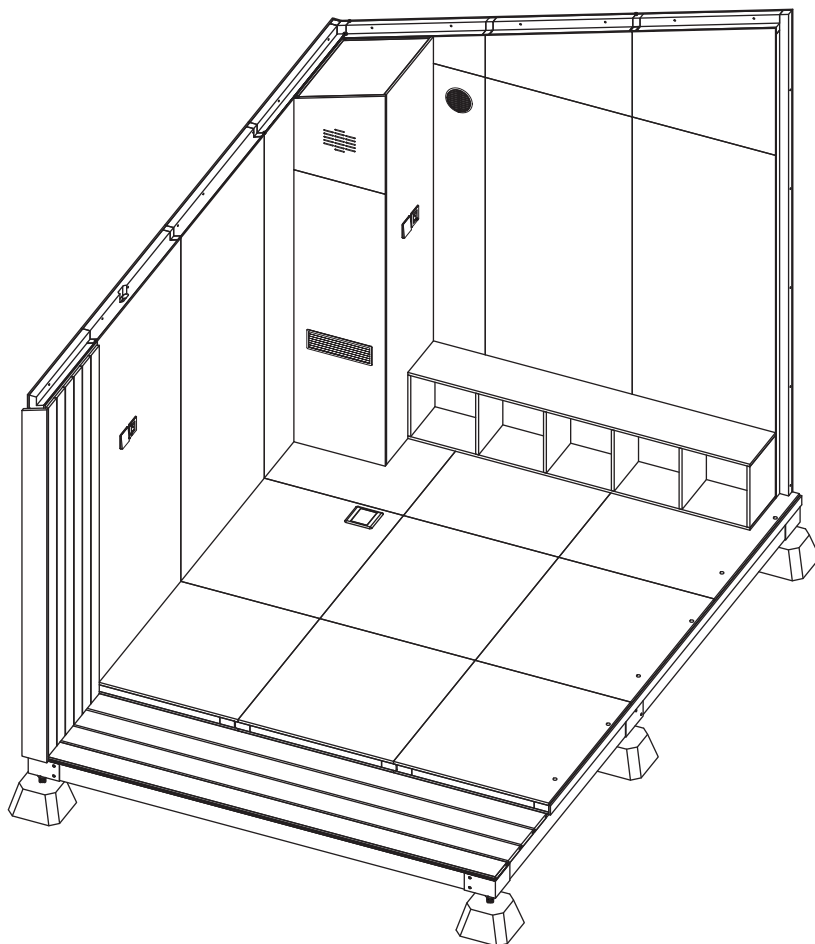
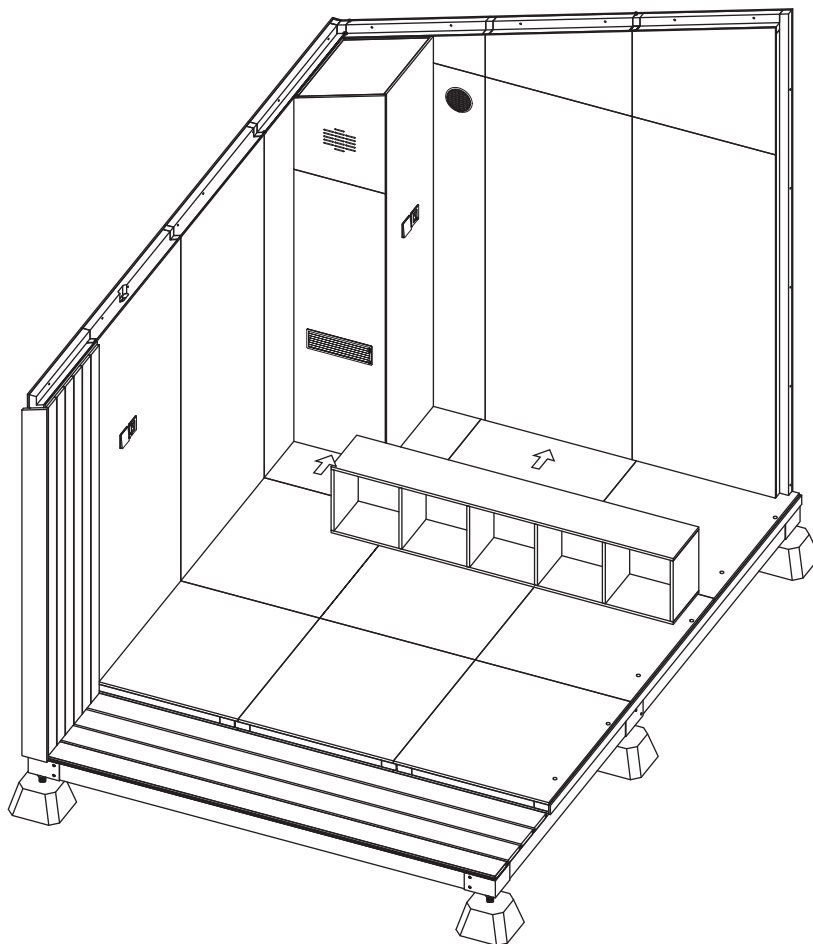
Tilt the **Electrical cabinet** into position, paying attention to the electrical connector on the floor.



Fix the electrical cabinet to the wall with wood screws and connect the electrical connectors according to their labels.

## Step 26

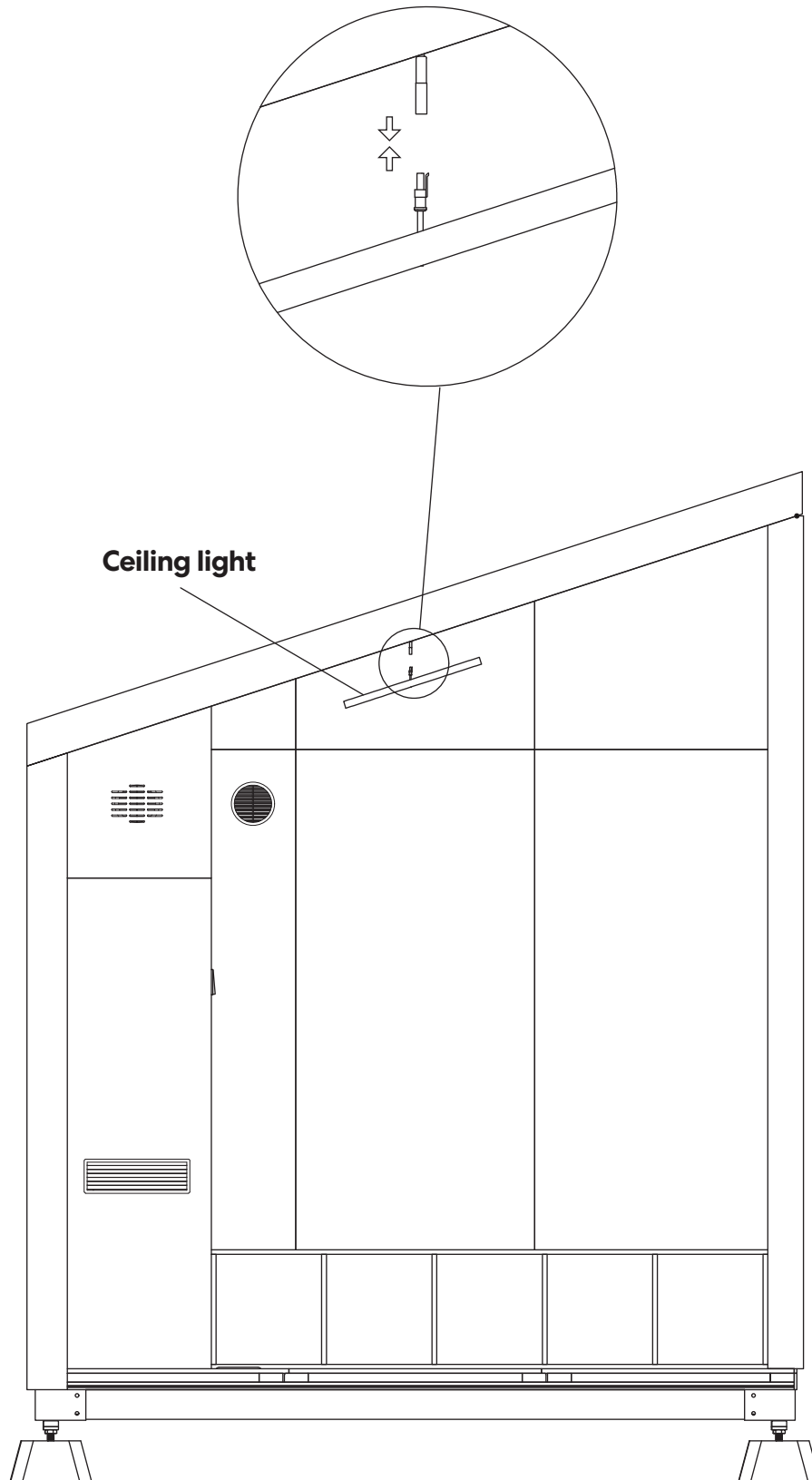
Install **Book shelf**.



# Step 27

Install **Ceiling light**.

Connect the **Ceiling light** to the electrical connector of **Roof B**.

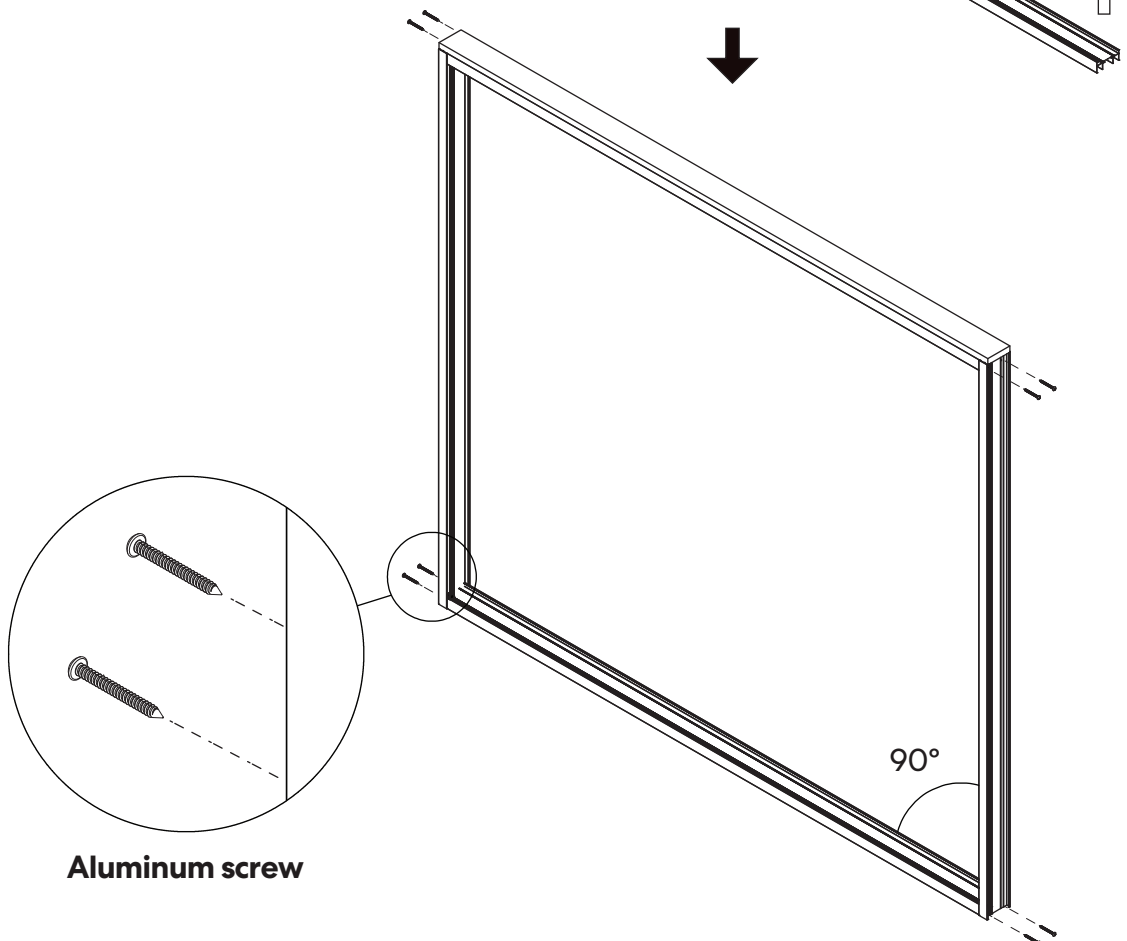


# Step 28

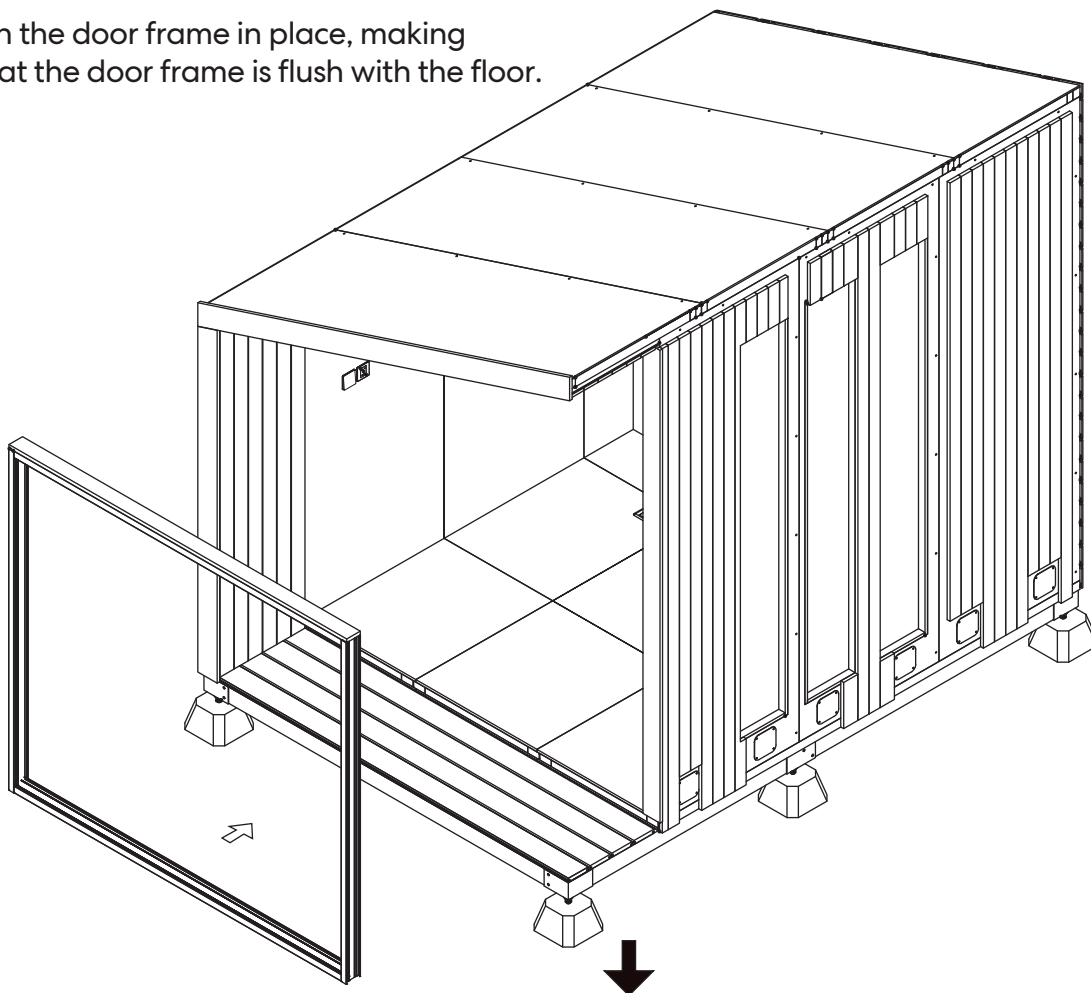
Install **Glass door**

**1. Assemble the aluminum door frame.**

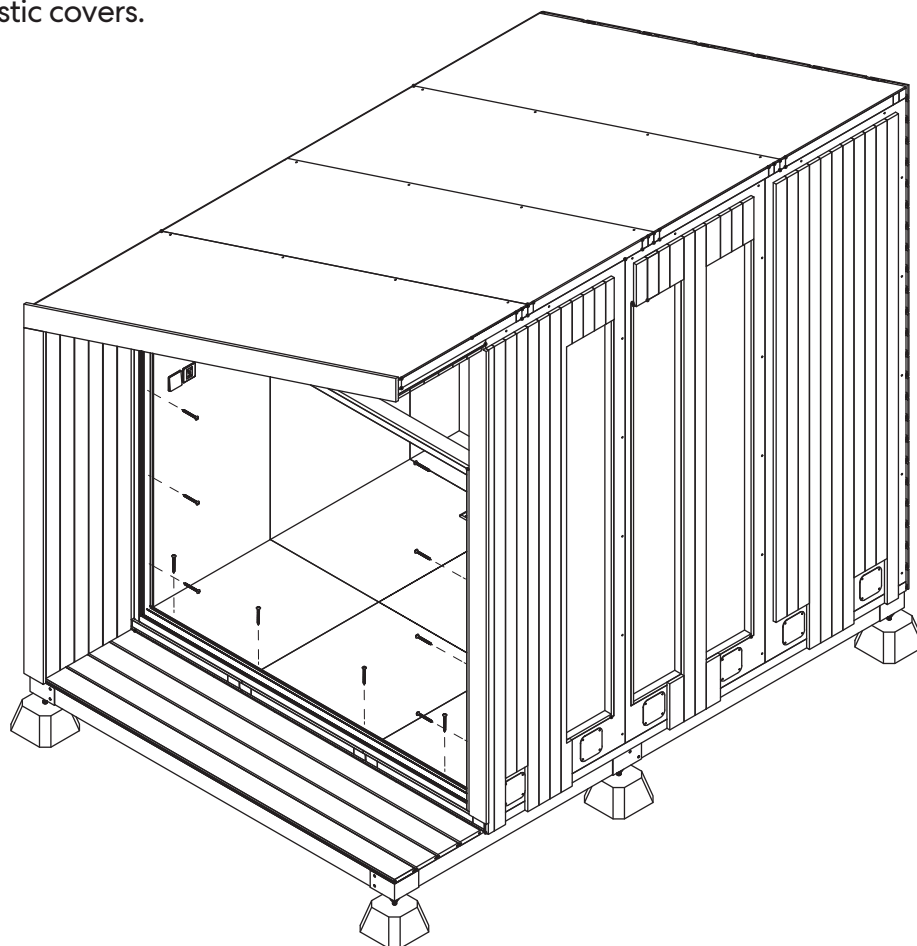
Connect the frames with aluminum screws, making sure that the corners are square.



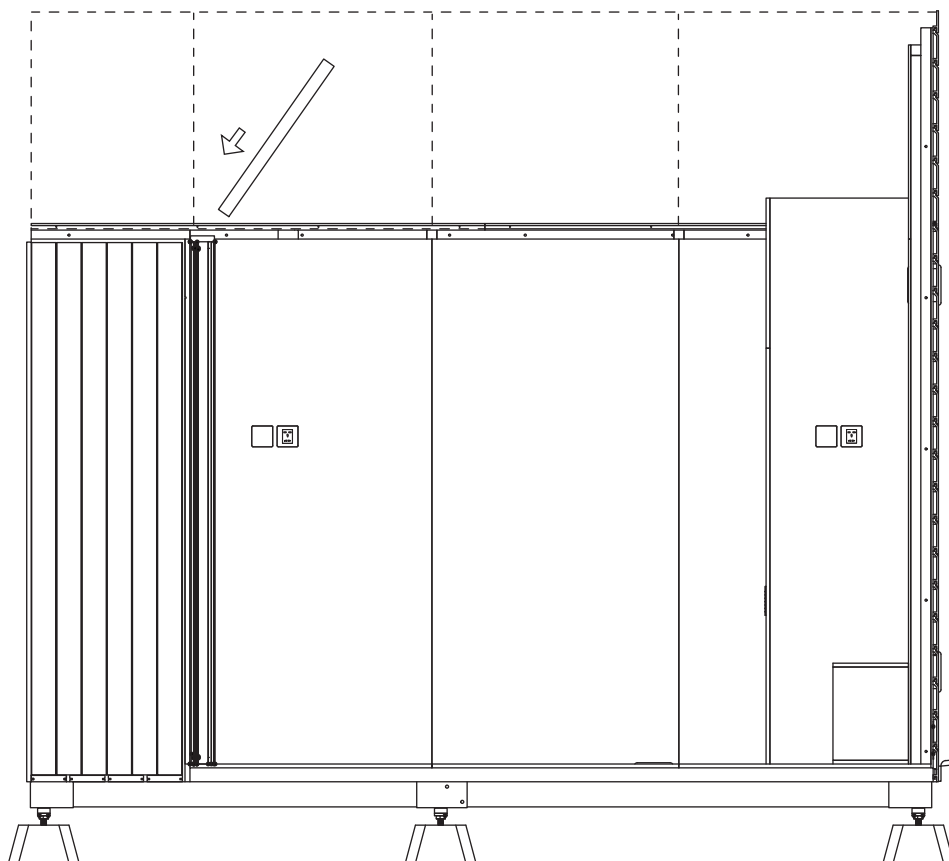
Position the door frame in place, making sure that the door frame is flush with the floor.



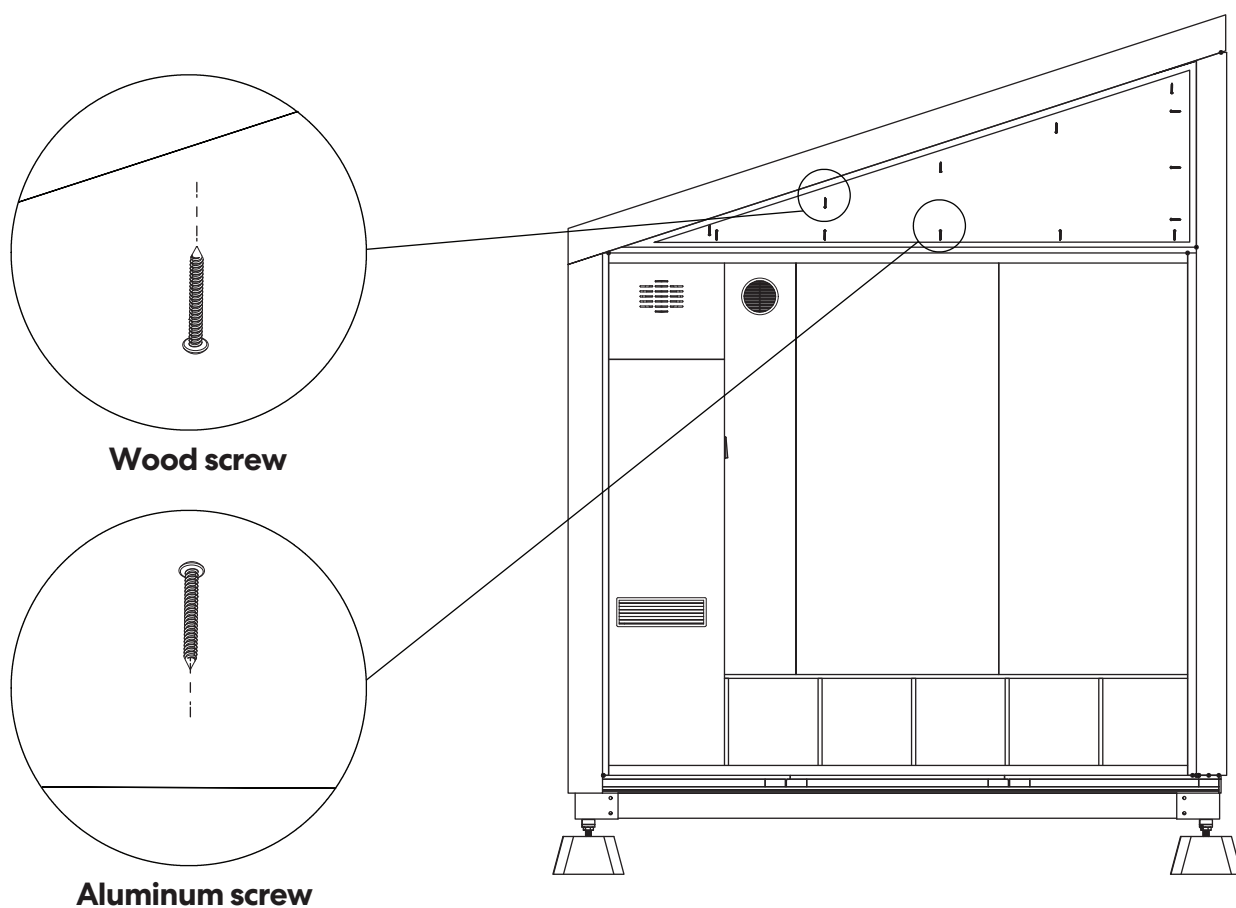
Remove the plastic covers on the door frame. Fix the frame to the wall with wood screws, then reattach the plastic covers.



**2. Tilt the triangle glass frame into position from inside Pod.**

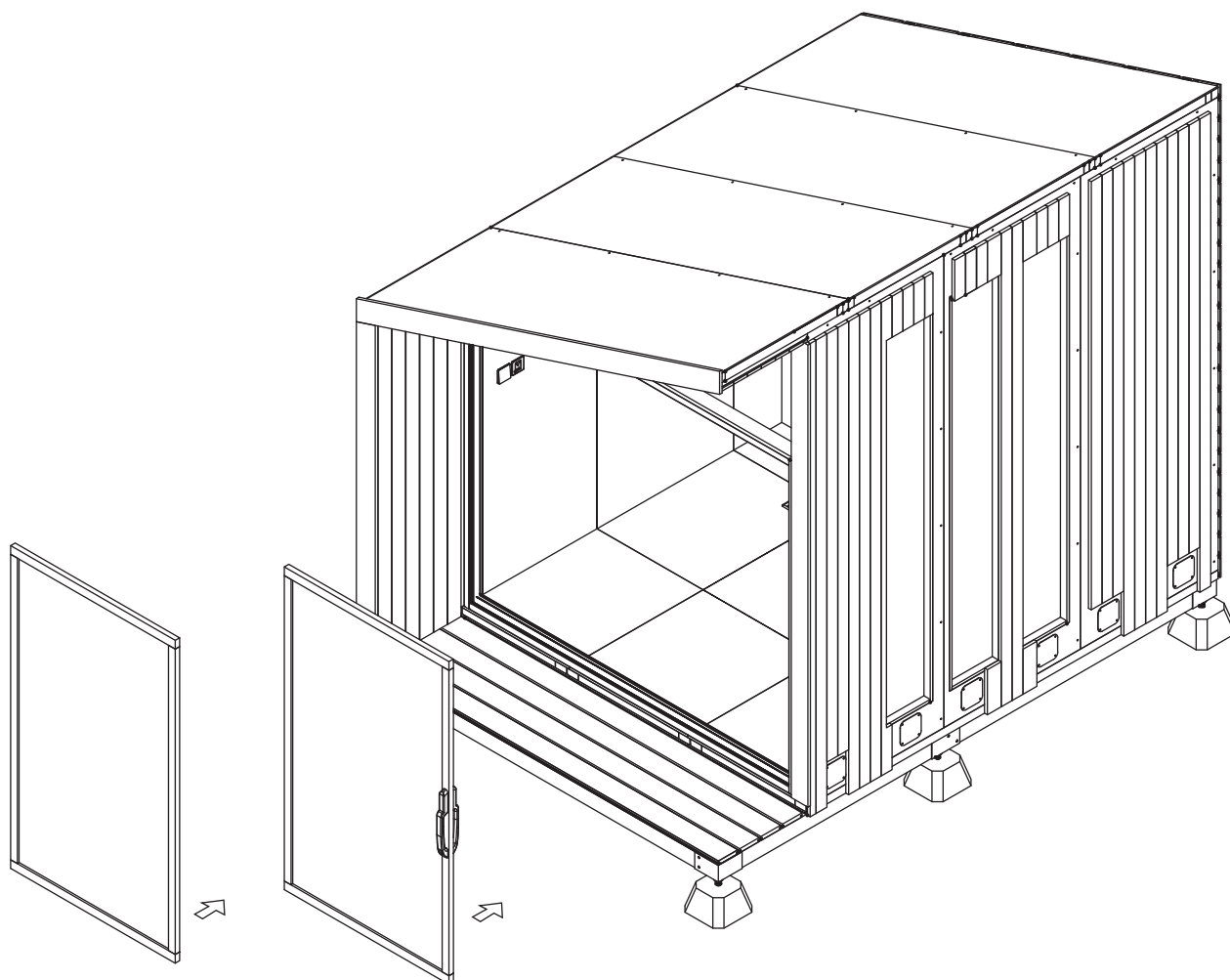


Remove the plastic cover on the frame. Fix the frame to the wall with wood screws, then reattach the plastic covers.

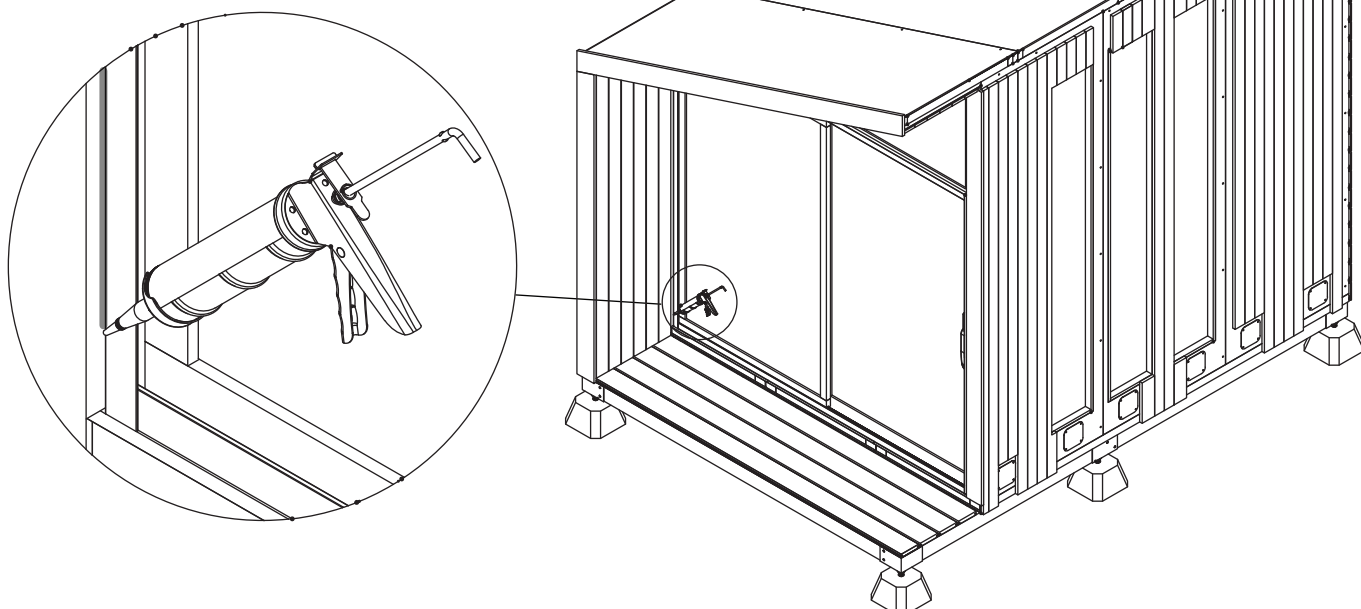




3. First install the door with the handle to the inner rail, then install the other door to the outer rail.

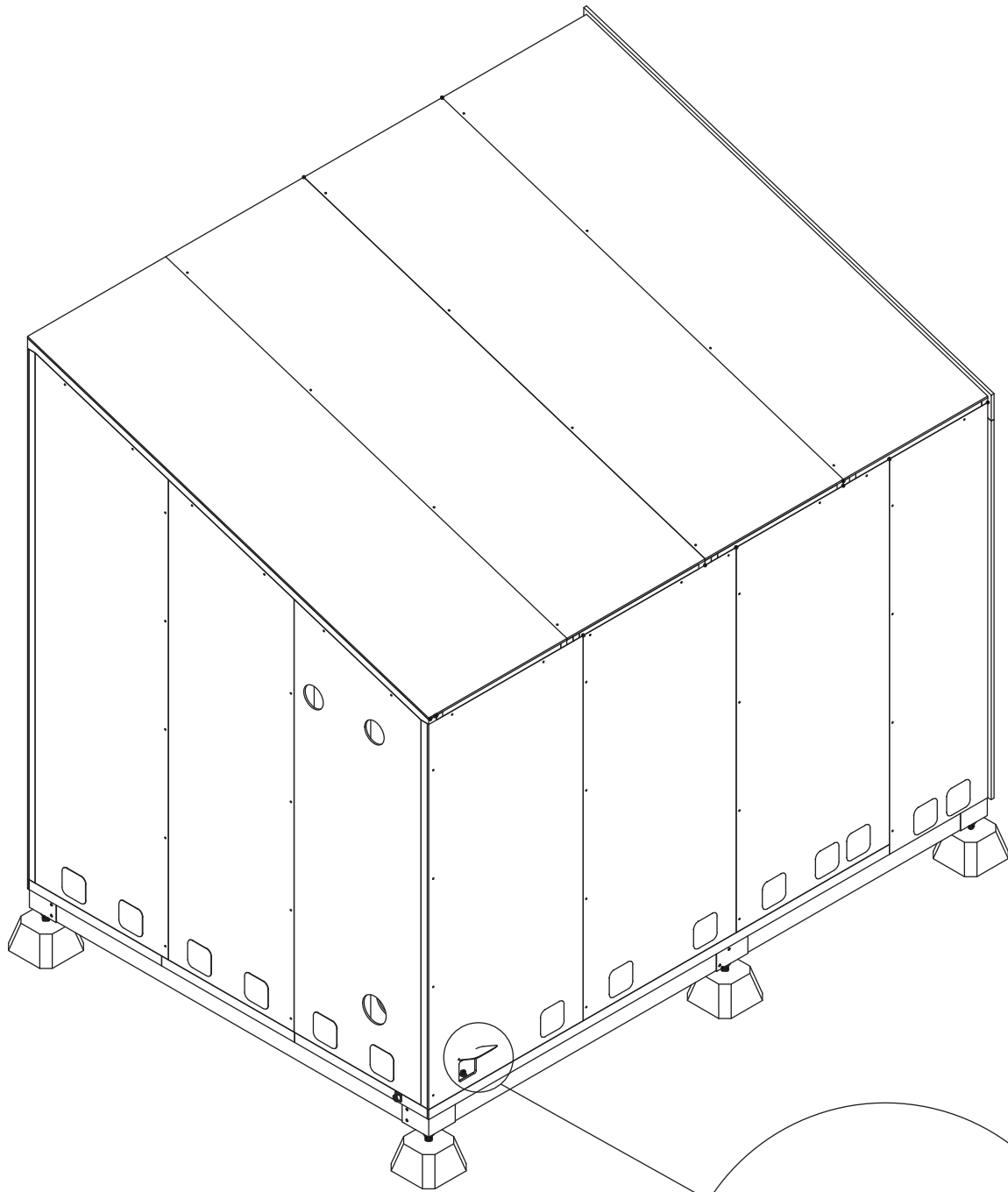


Use silicon sealant to protect both inner and outer rims of the door frame to prevent water from entering.

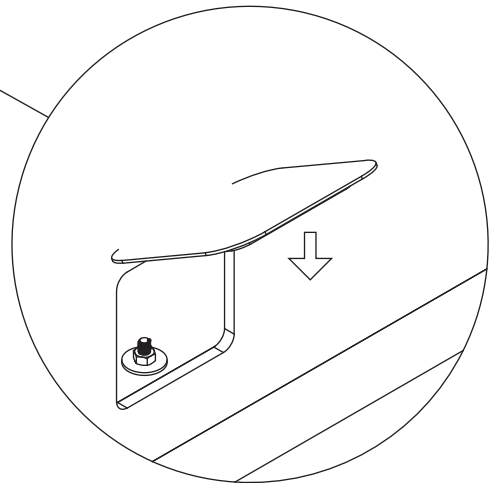


## Step 29

Peel the glue off all covers and stick them in place.

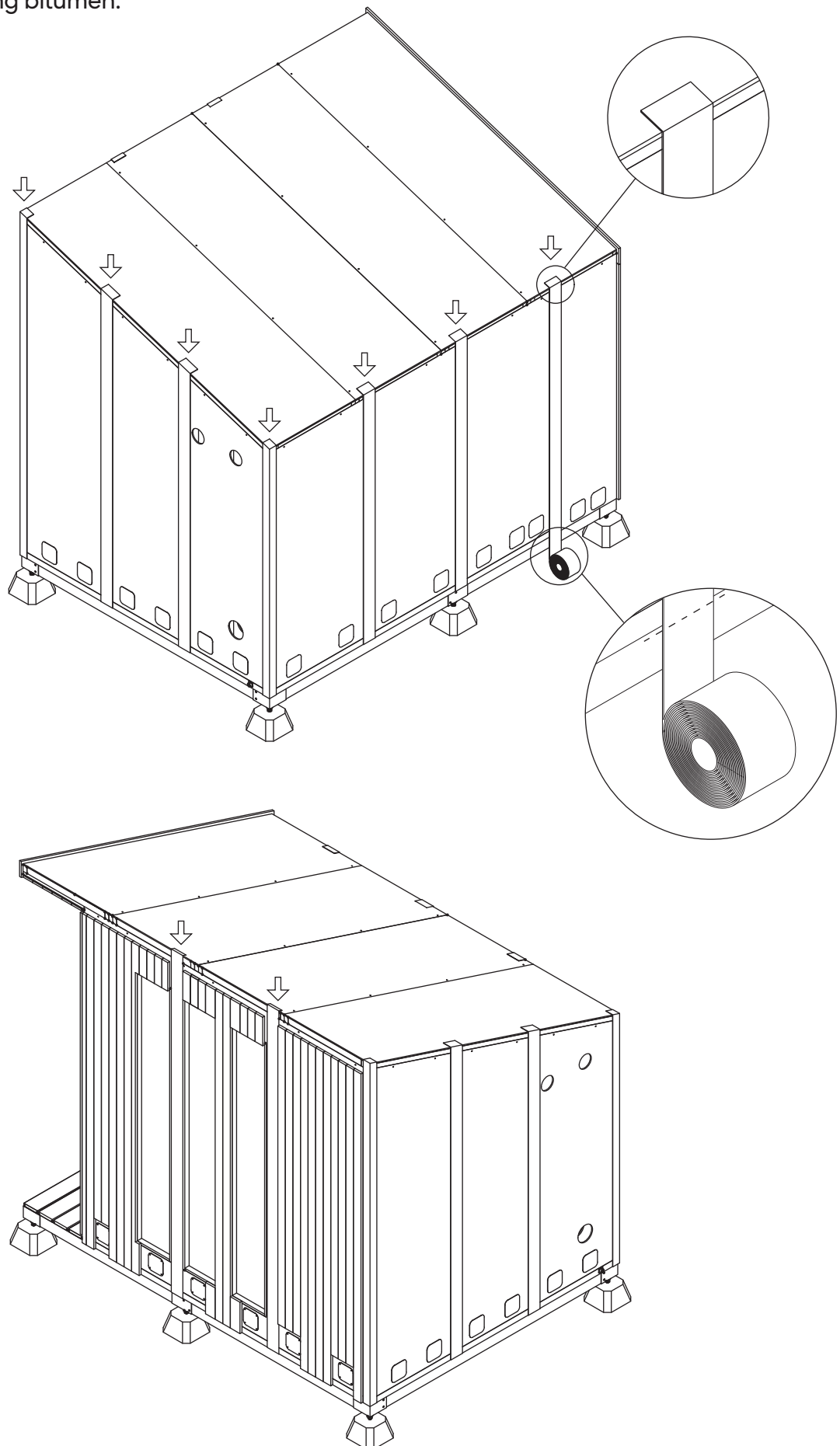


Make sure that the glue line is sealed to prevent water from entering.

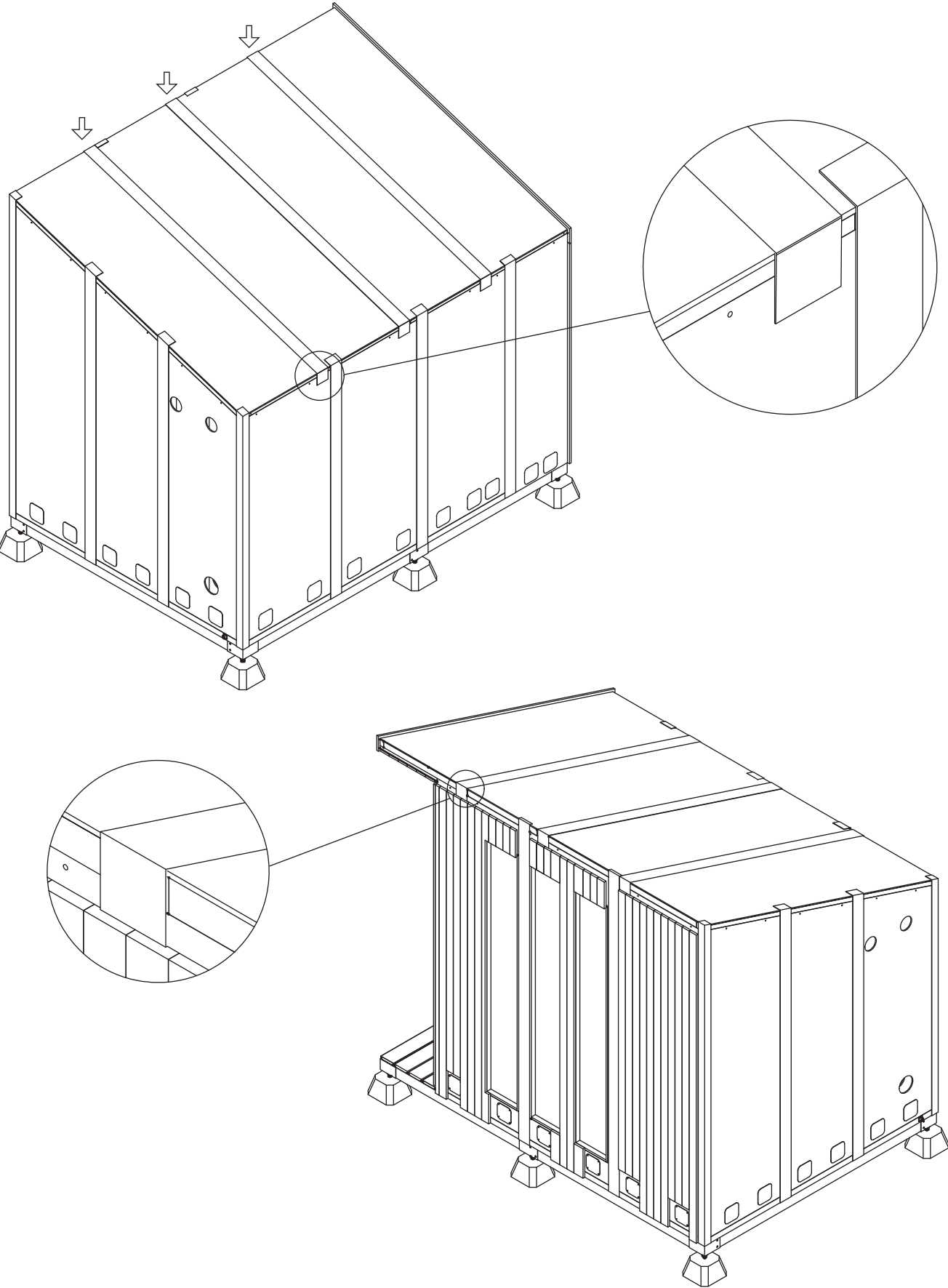


## Step 30

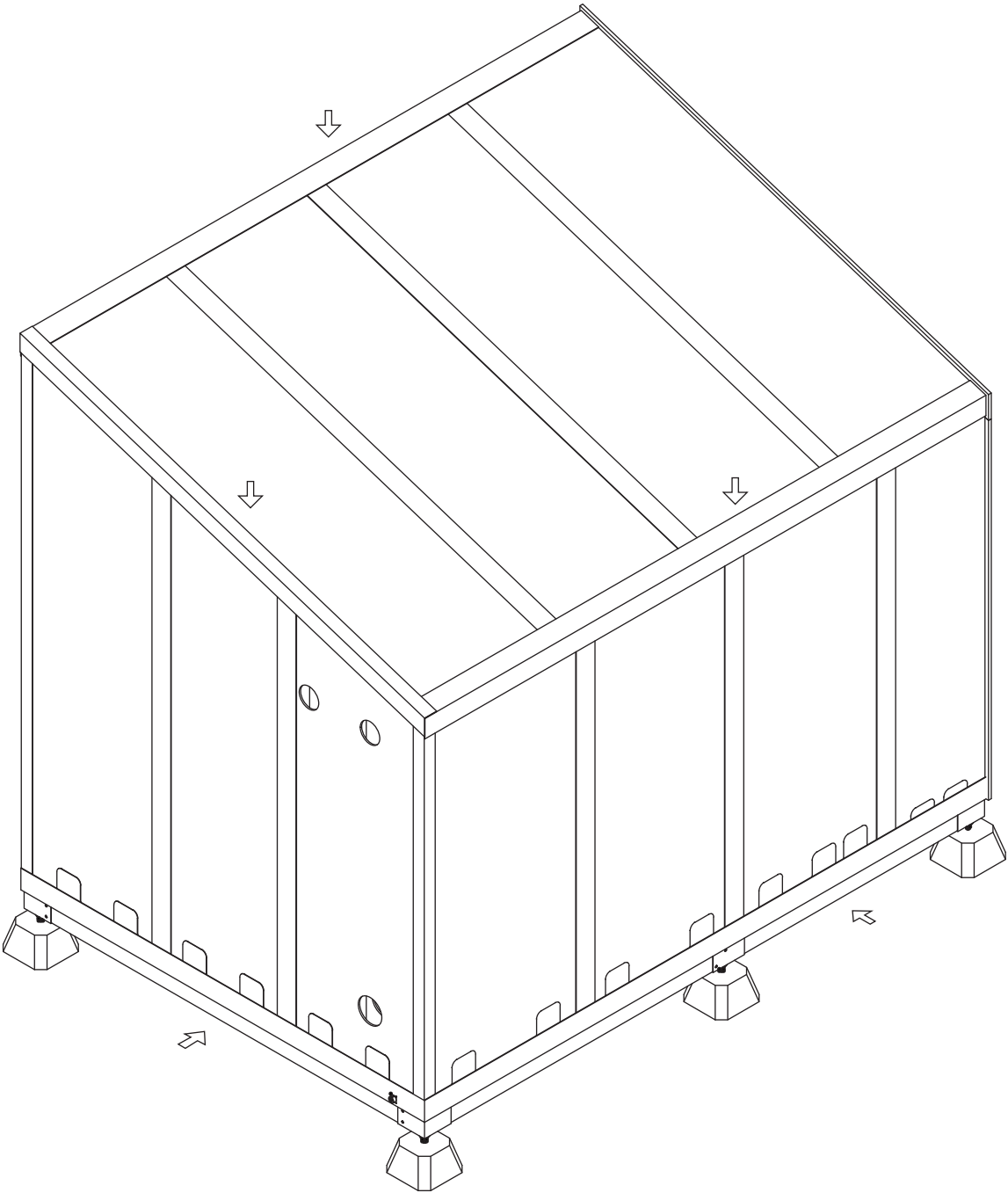
Protect all seams between components using bitumen.



Protect all seams between components using bitumen.

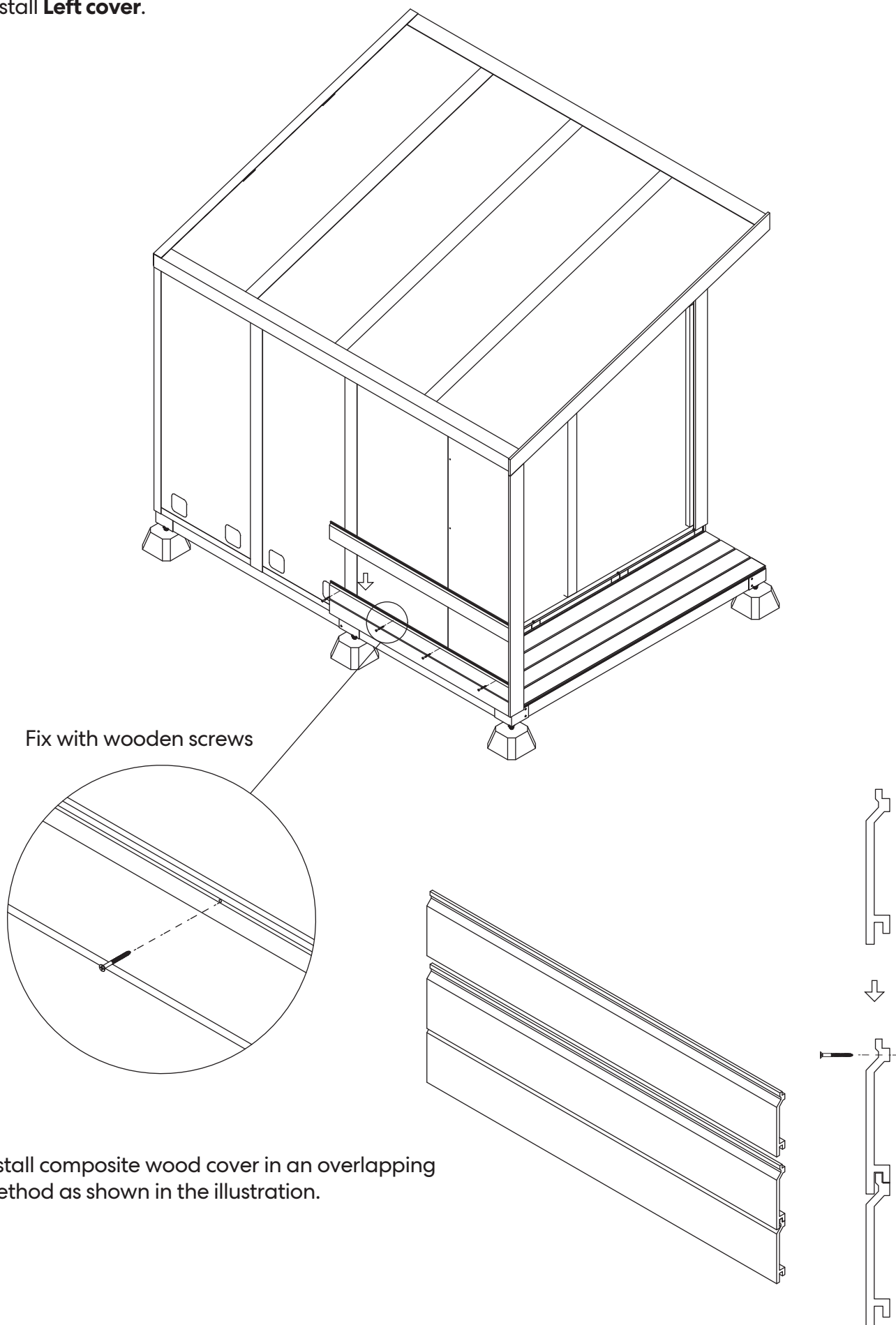


Protect all seams between components using bitumen.

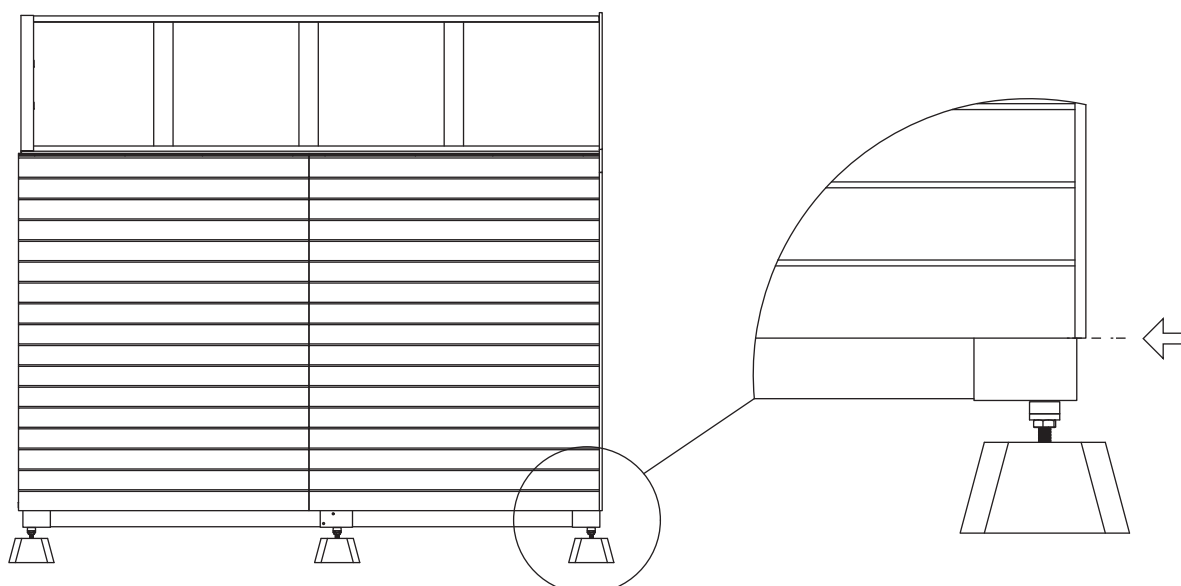
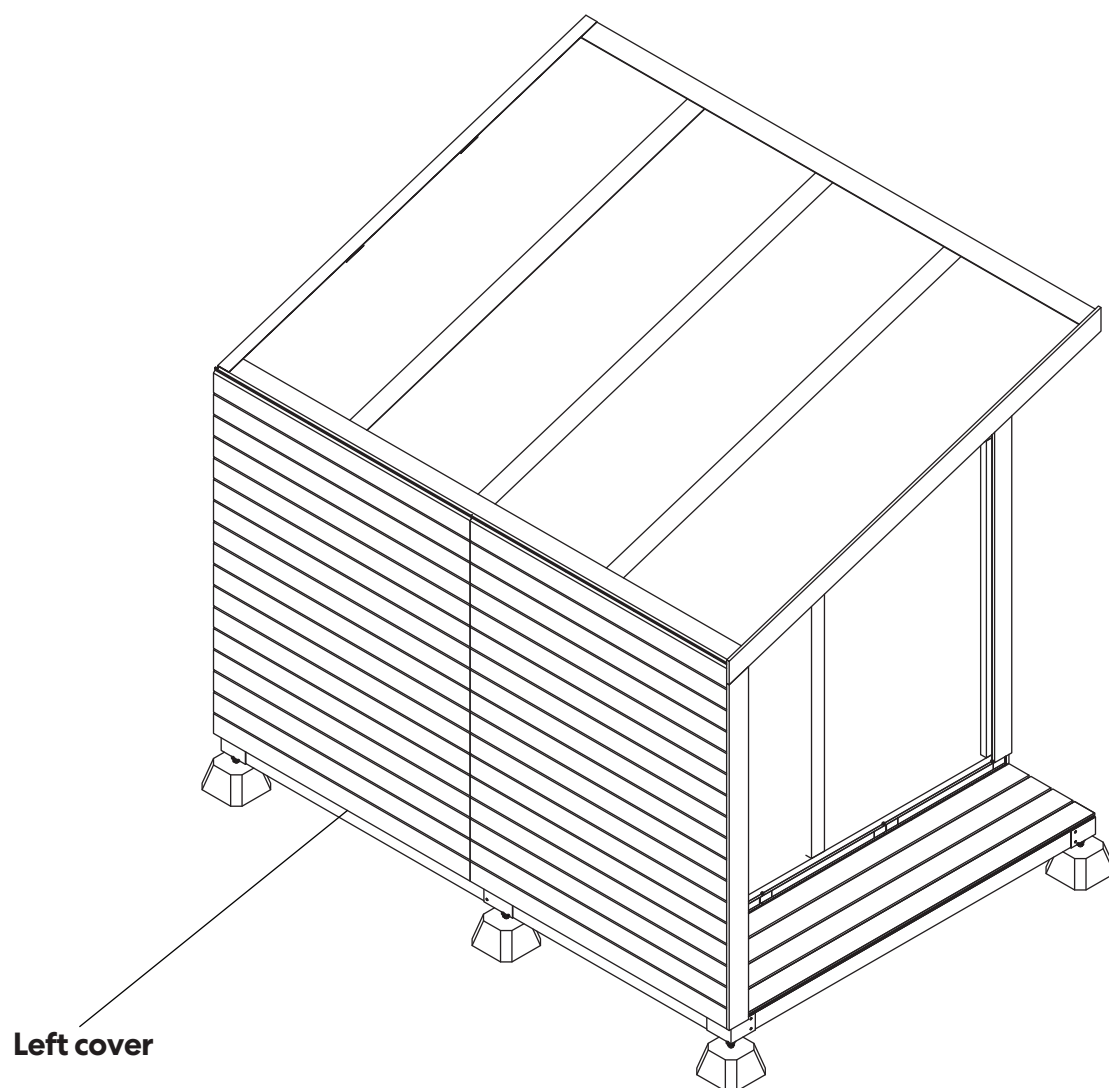


# Step 31

Install **Left cover**.

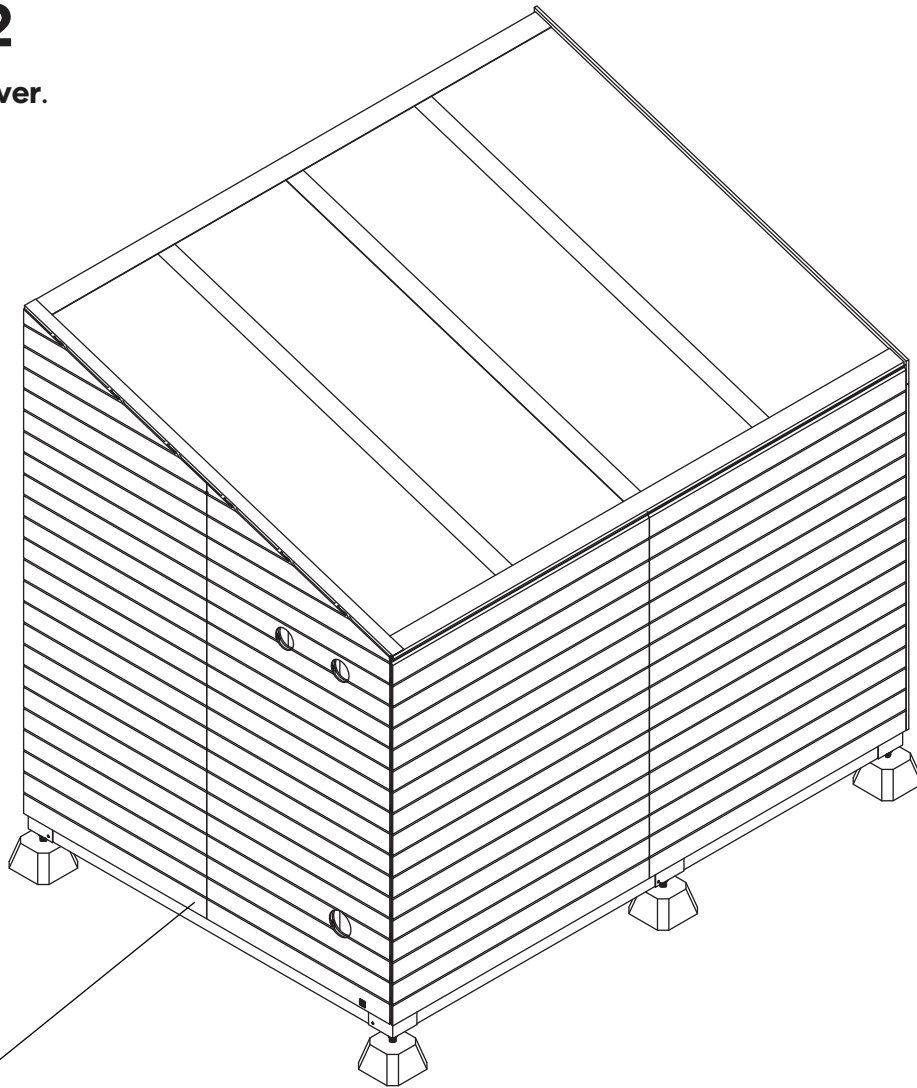


Make sure that the first component of the **Left cover** is flush with the floor.



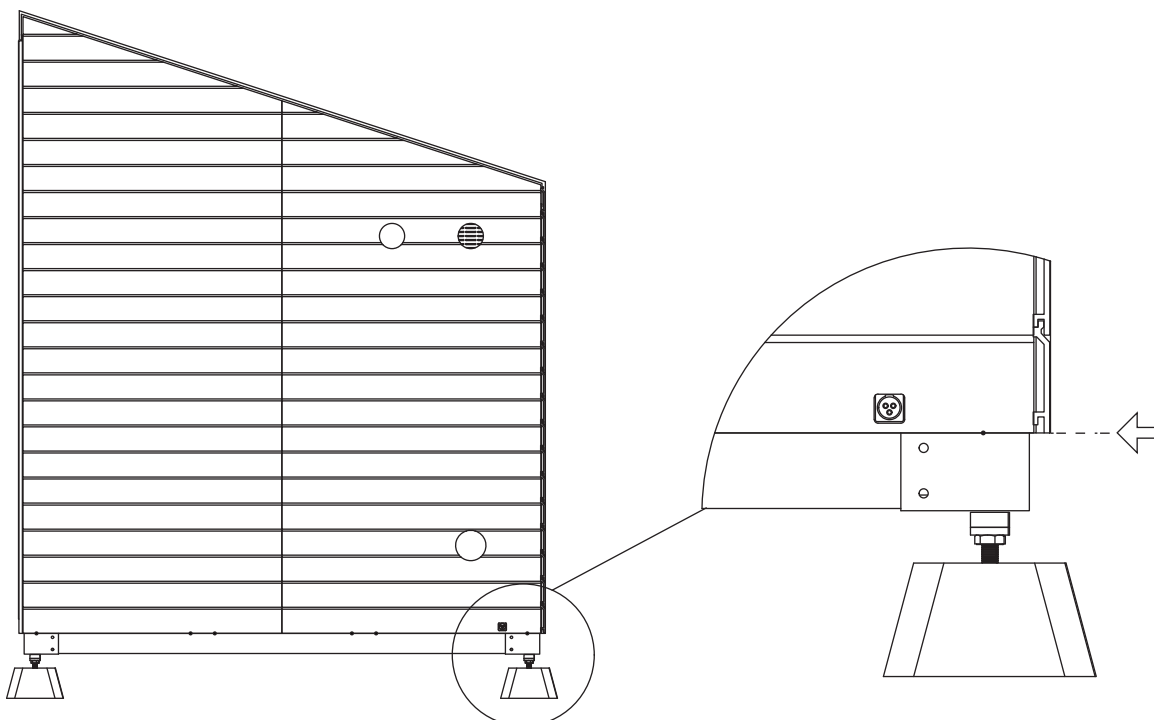
## Step 32

Install **Back cover**.



**Back cover**

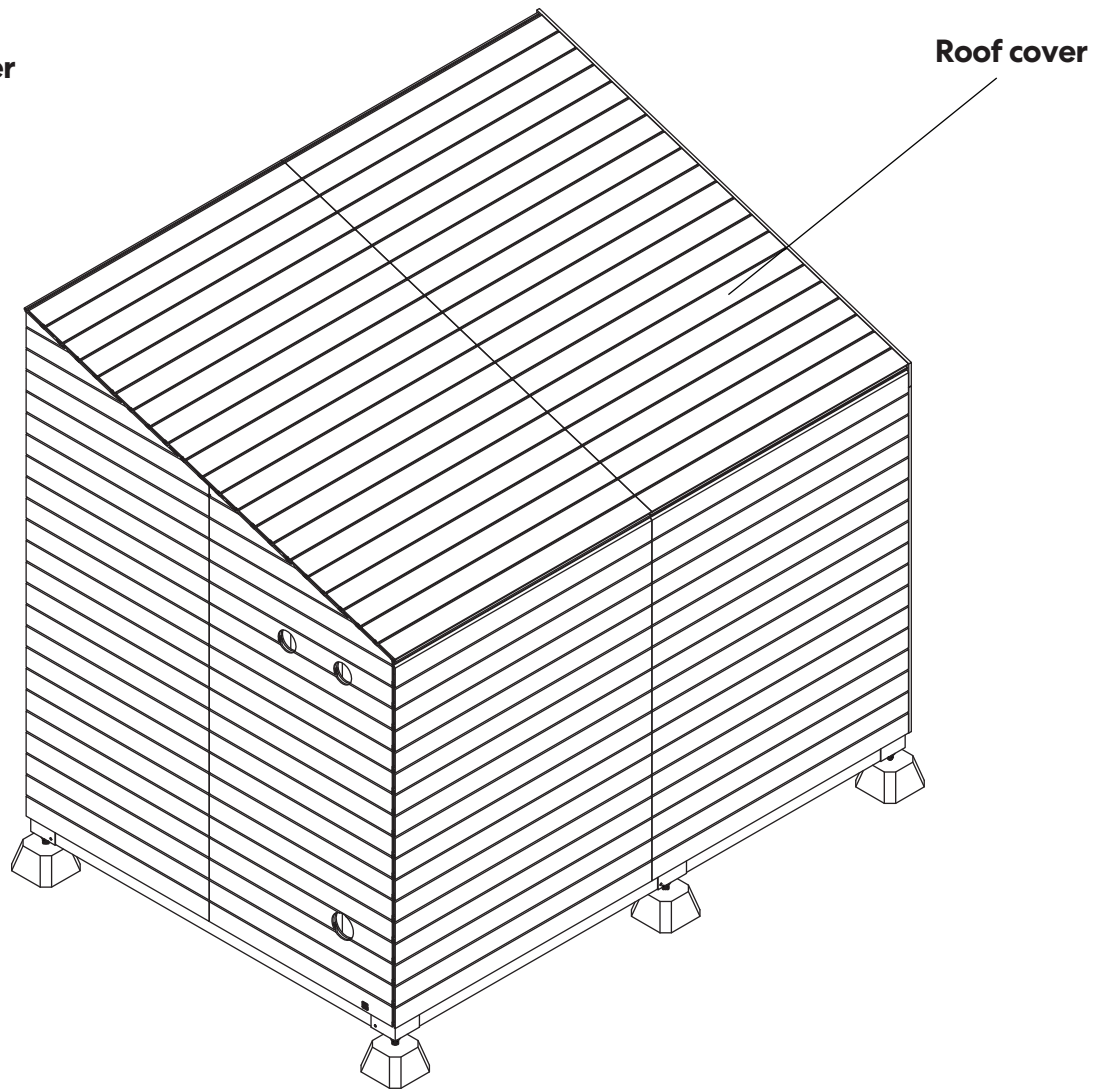
Make sure that the first component of the **Back wall** is flush with the floor.



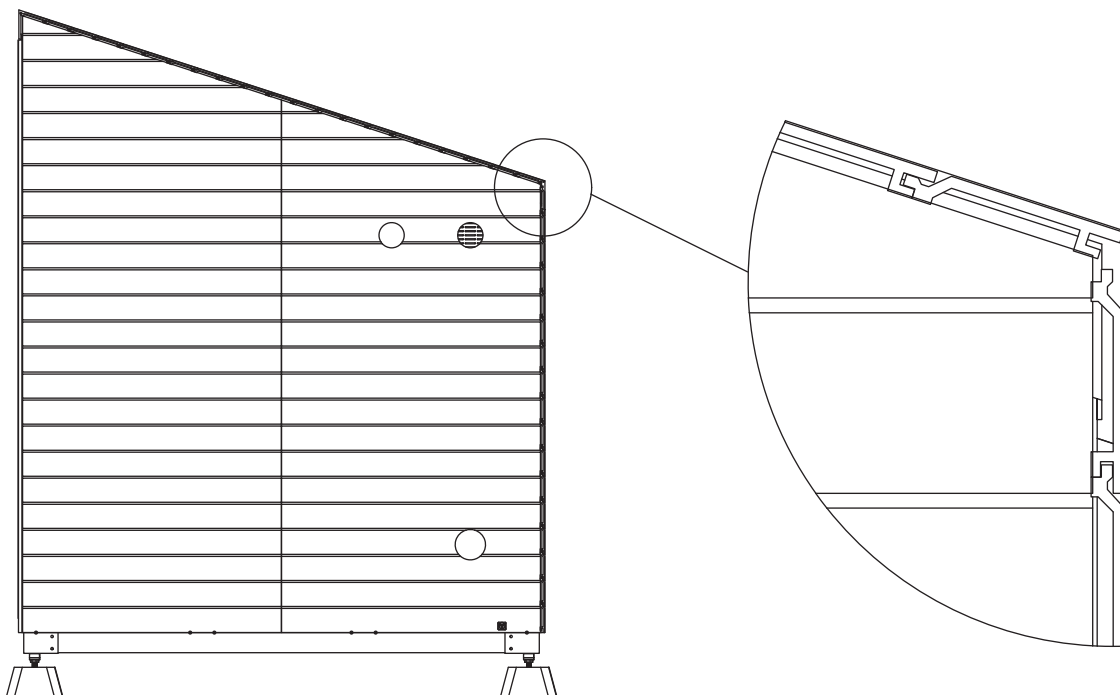


## Step 33

Install **Roof cover**

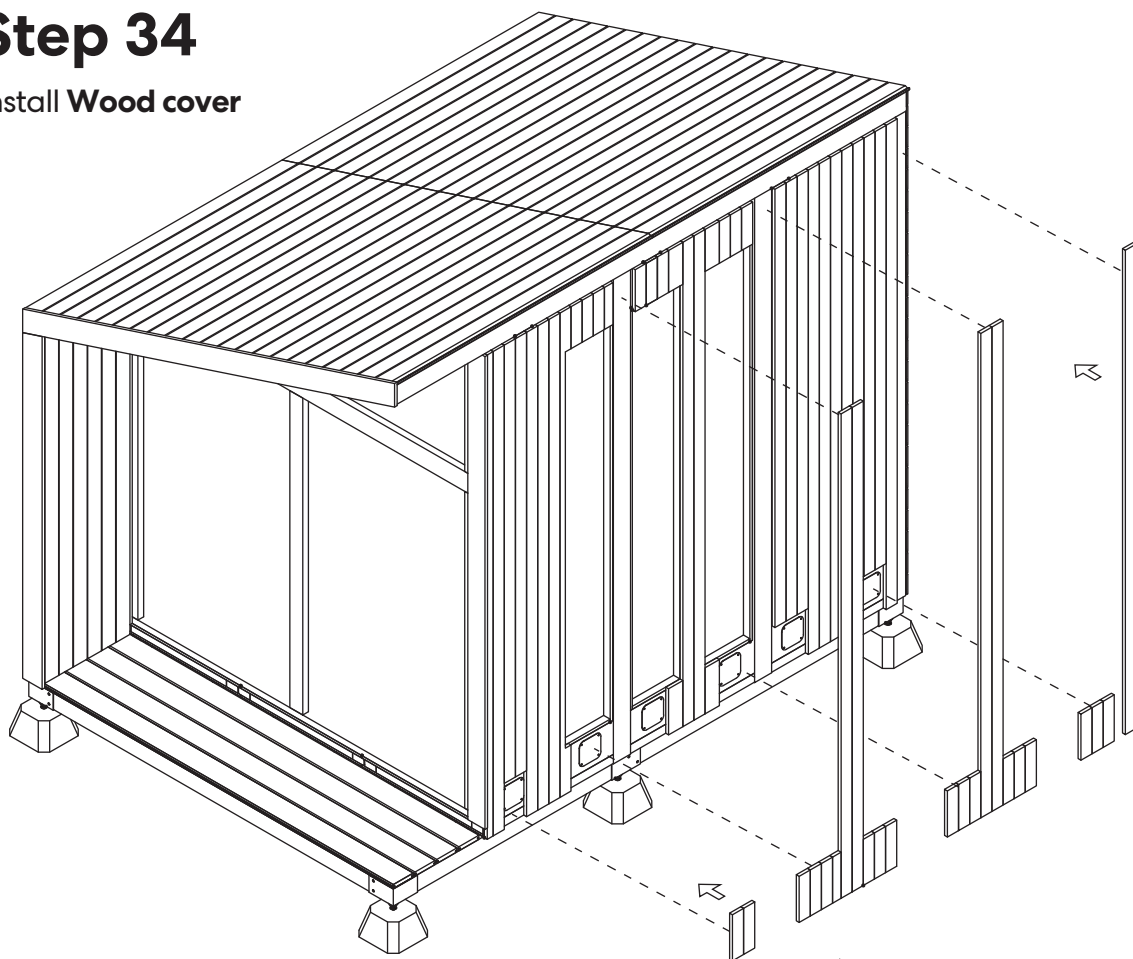


Make sure that the first component of the **Back wall** is flush with the **Left cover**.

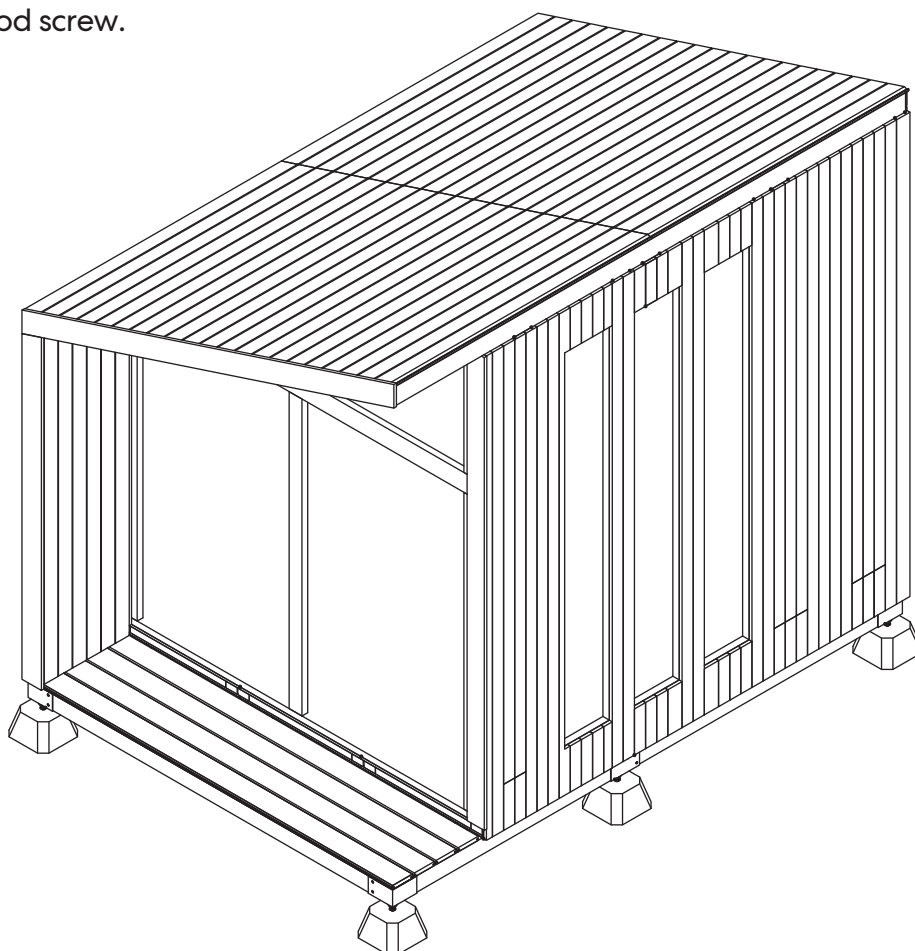


## Step 34

Install **Wood cover**

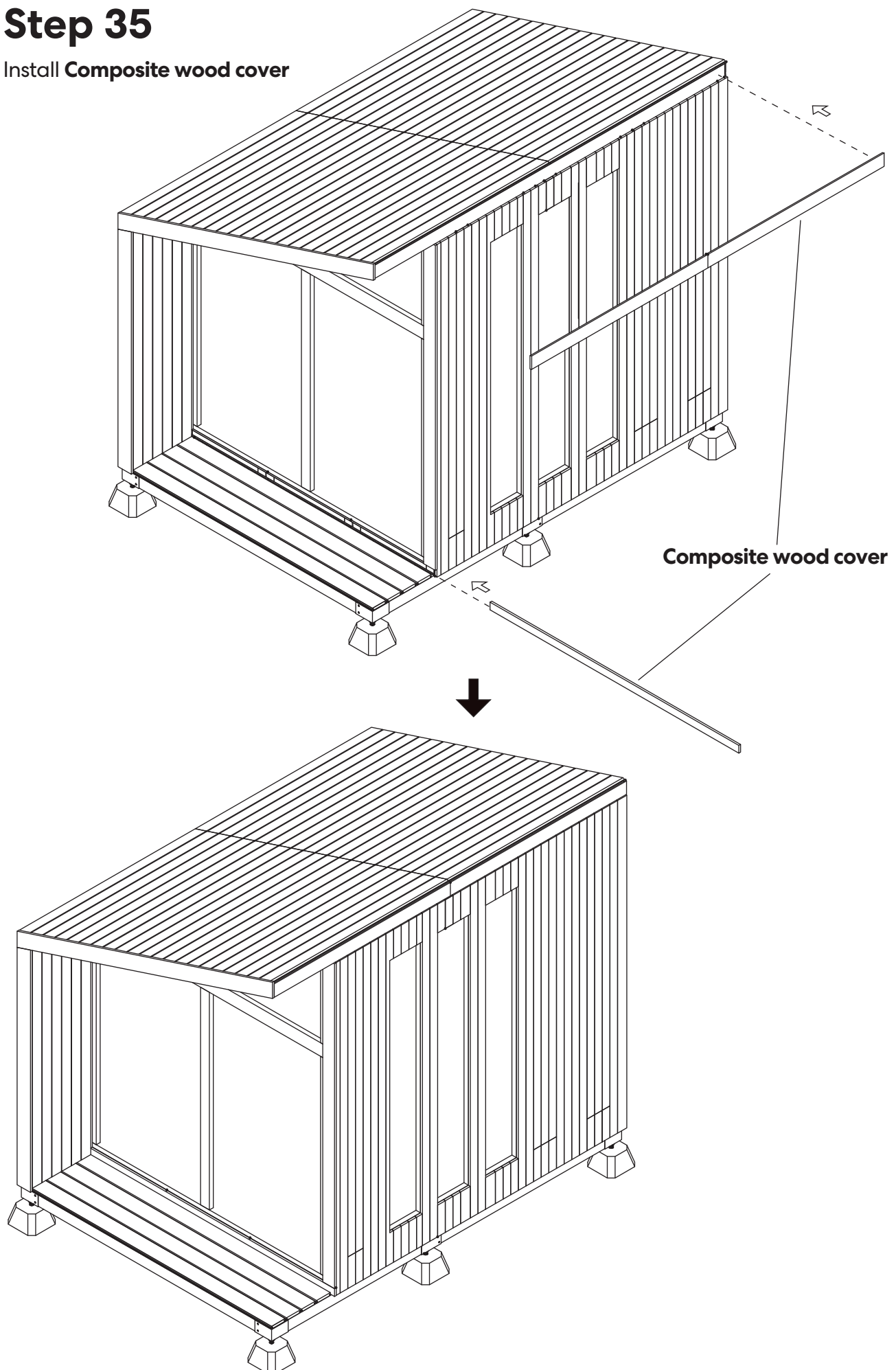


Replace **Wood cover** and fix it in place using the wood screw.

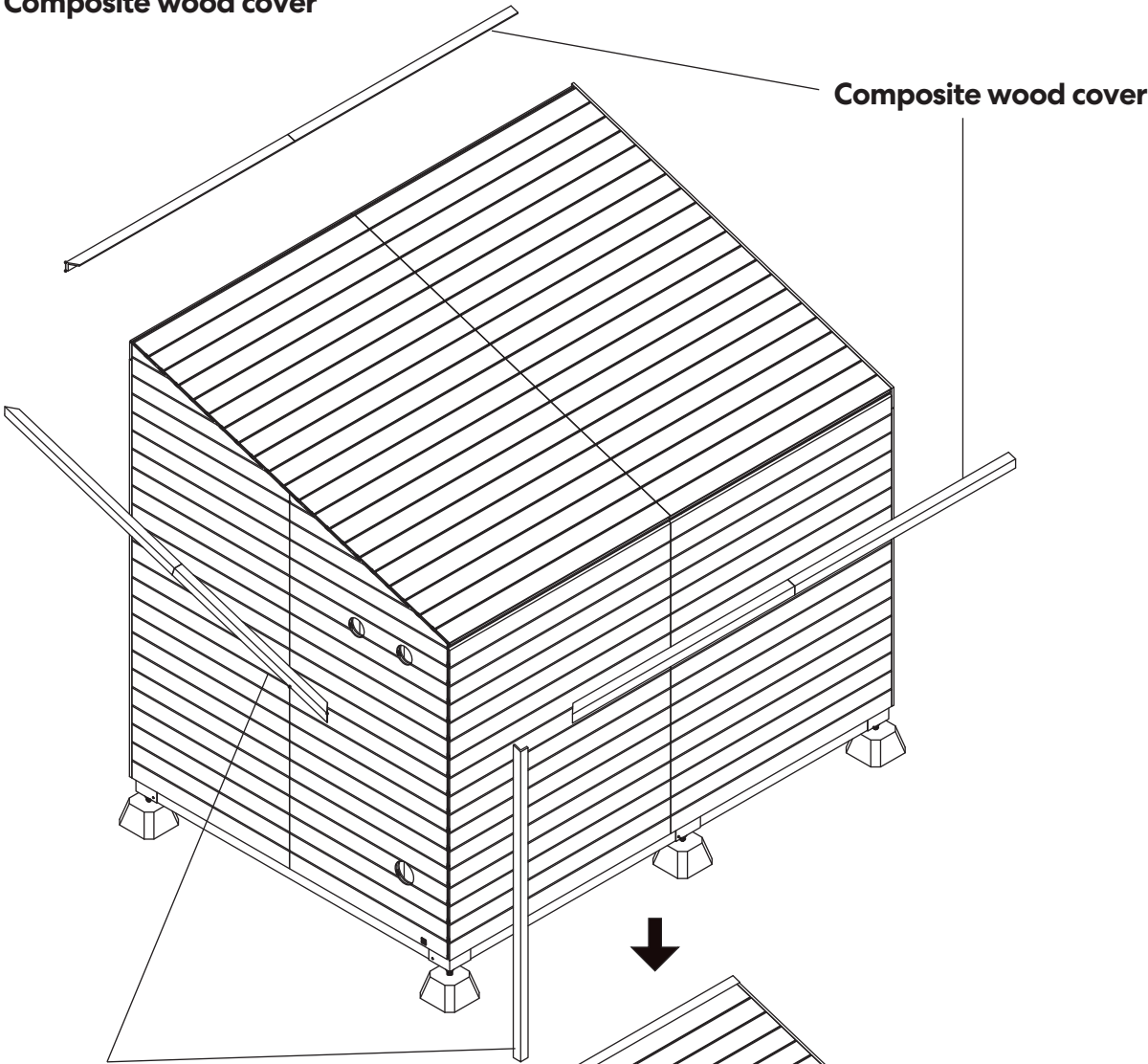


## Step 35

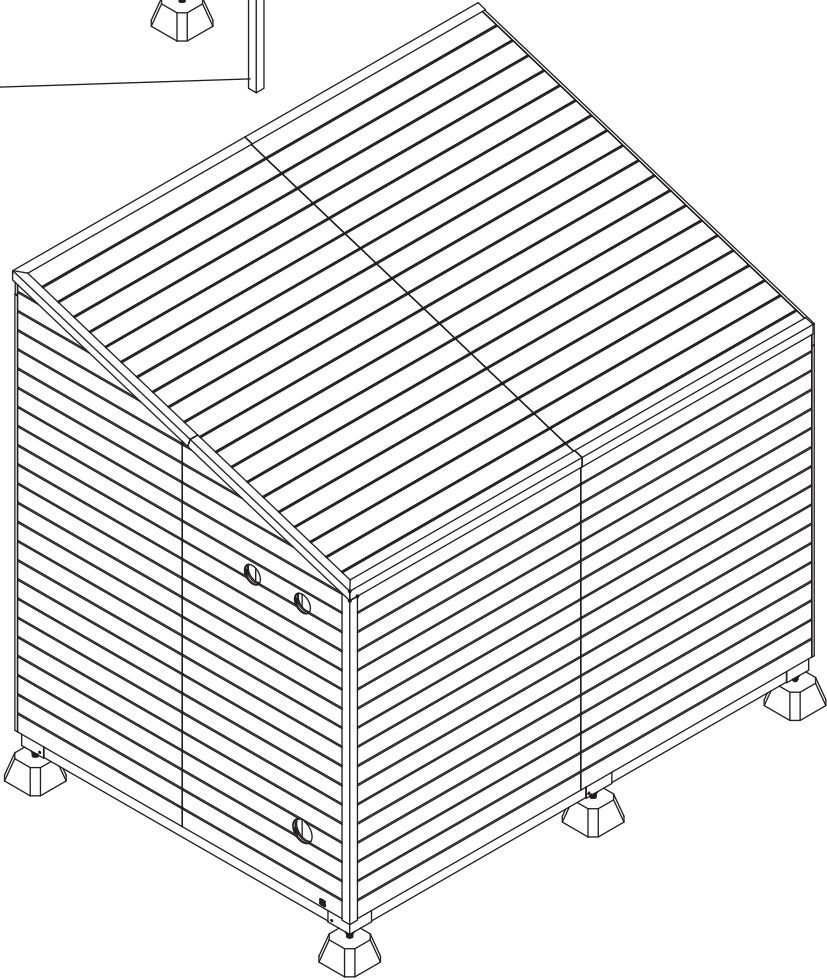
Install **Composite wood cover**



Install **Composite wood cover**

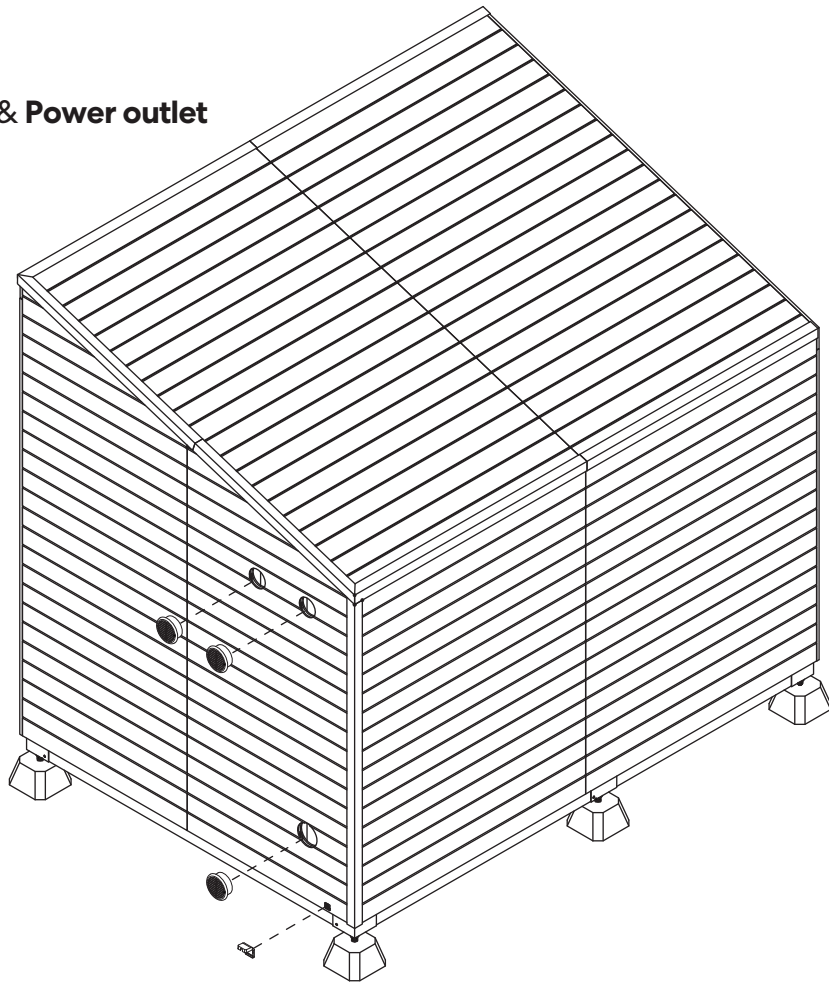


**Composite wood cover**

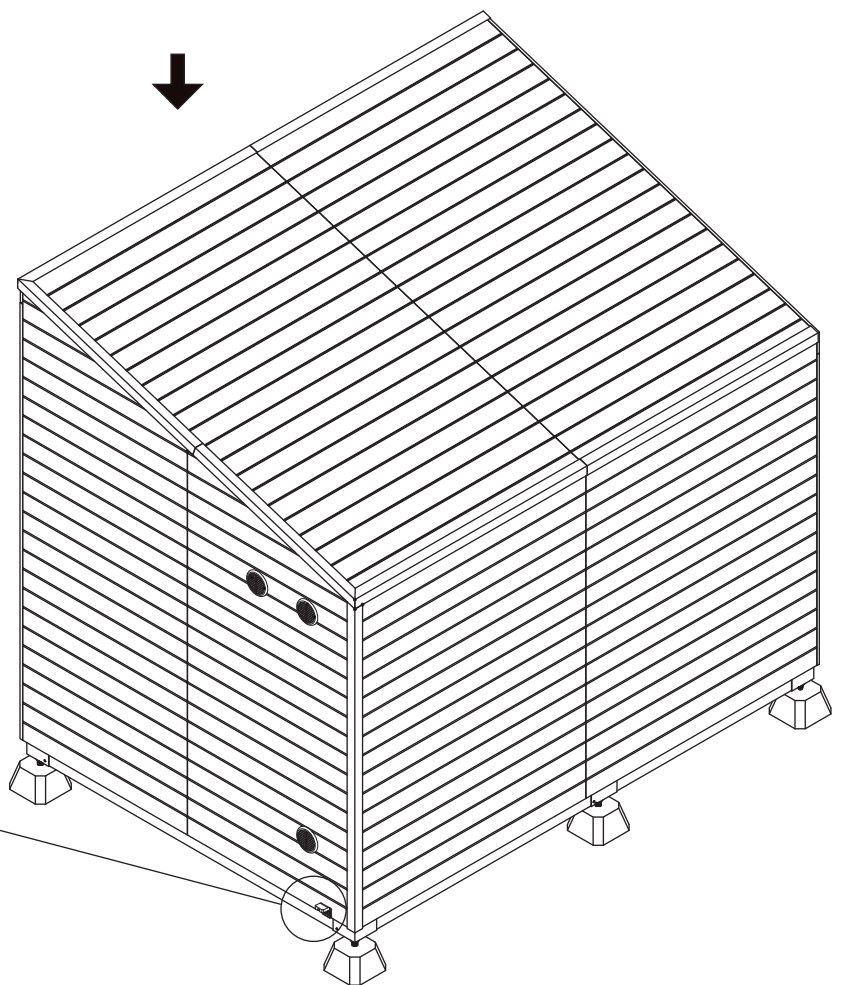
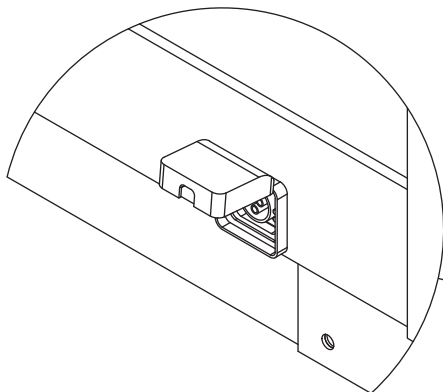


## Step 36

Install **Ventilation cover & Power outlet rain cover**



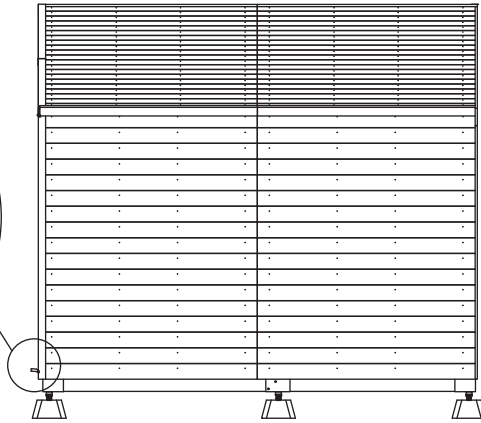
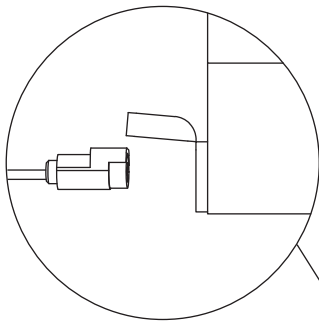
Power outlet rain cover



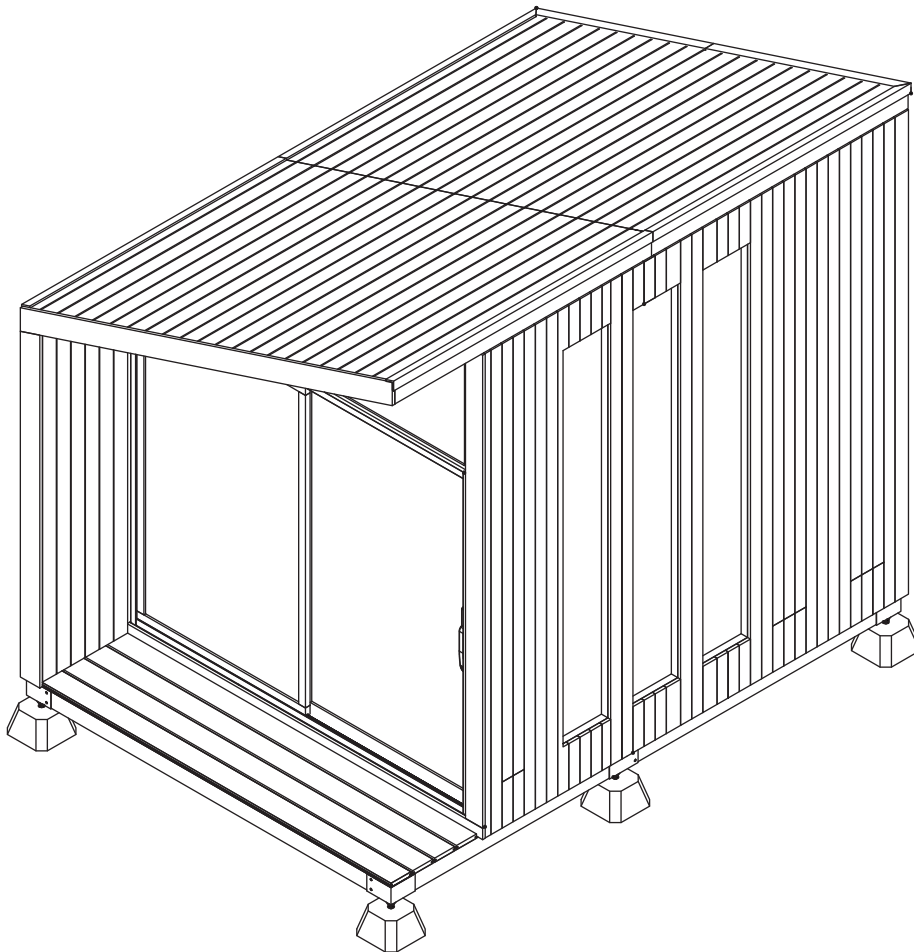
## Step 37

Check electrical connections.

Pod power input



1. Turn off **RCB** in **Electrical cabinet**
2. Connect Pod to your power supply
3. Turn on **RCB** in **Electrical cabinet**
4. Check that all electrical outlets and switches are working properly



**We had a lot of fun building Pod, and we hope you'll love yours.**

Reach out to us anytime at [human@autonomous.nyc](mailto:human@autonomous.nyc) if you have any questions, ideas, or just want to chat.