



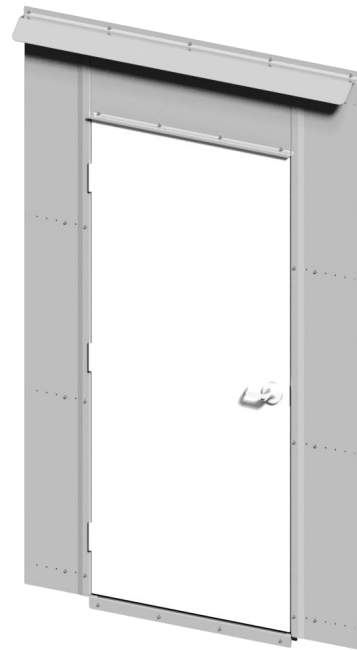
**INSULA**  
CONTAINER CONVERSIONS

108 Hillside Drive, Delhi, Ontario, N4B 1Y7

## Container STD Side Exterior Access Door Kit - Assembly Instructions

### Parts:

- Side Frame A (1)
- Side Frame A1 (1)
- Side Frame B (1)
- Side Frame B1 (1)
- Bottom Sill (1)
- Top Channel (1)
- Top Panel (1)
- Top Panel Skin (1)
- Top Panel Drip Tray (1)
- Top Cap Trim (1)
- Bottom Sill Mount (1)
- Fireproof Steel Door (1)
- Door Hardware (1 Set)
- Frame Hardware (1 Bag)



**Tools Needed:**

- Marker and Tape Measure
- Minimum 8.25" Circular Saw with Metal Cutting Blade or Grinder/Zip Cut Combination
- Reciprocating Saw with Metal Cutting Blade
- Ladder
- Drill/Impact Driver ( $\frac{3}{8}$ " or  $\frac{7}{16}$ " bits)
- Vice Grips or Clamps (2)
- Square

## Step-by-Step Instructions:

### Step 1: Preparing the Door Location

1. **Choose Door Placement:**
  - Decide where to install the door, ensuring it's 11" away from any corner post.
2. **Mark Cut Area:**
  - Measure the desired door width and mark the cut area **2" larger** than the door width.
    - Example: For a 36" door, mark the cut for 38".
3. **Drill Corner Holes:**
  - Use a drill with a ½" bit to make holes at the top and bottom corners where the corrugation meets the upper and lower rail. This will guide and terminate your end cuts.

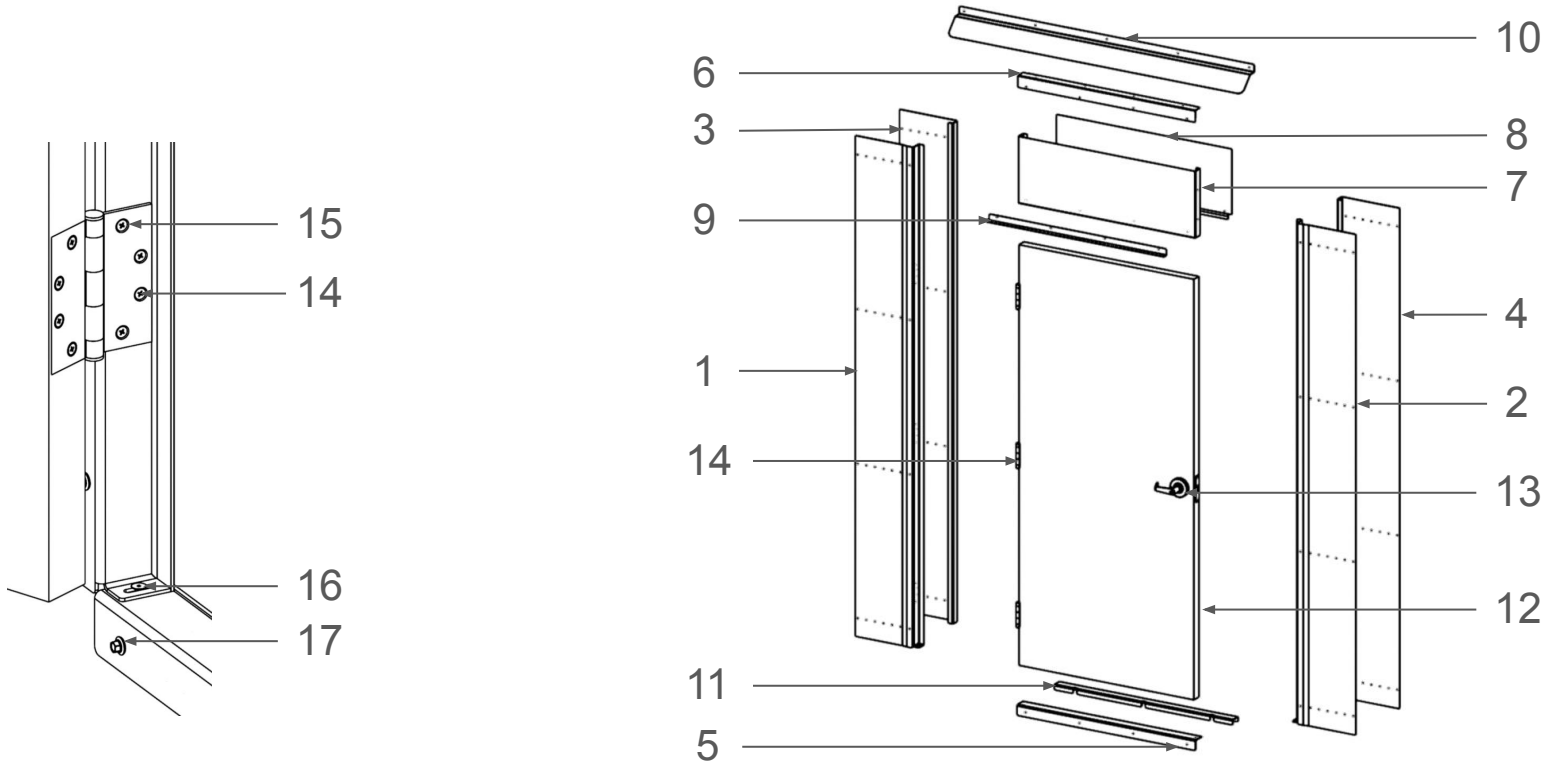
### Step 2: Cutting the Container Wall

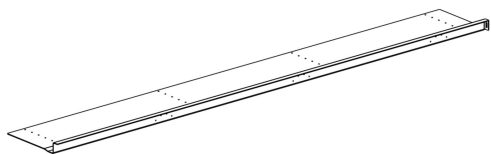
4. **Cut the Container:**
  - Using a metal cutting saw or grinder with cut off blade, start cutting from the middle of the lengths of the cuts, upwards or downwards to avoid springing.
  - Cut from the middle to the upper rail, then from the middle to the lower rail.
  - For the upper part, leave a small 2" tab at the top rail and secure the cut out piece before finishing the cut to prevent the steel from falling.
5. **Note:** It is highly recommended to have two people for this step.
6. **Smooth All Edges:**
  - Use a grinder to smooth the edges especially where the corrugation was welded to the top and bottom rails. Grind any sharp edges along the sides and ensure all corners are clean and at 90 degrees.
7. **Note:** If you're not adding cladding, you can install the door for either a inward or outward swing.

### Step 3: Preparing the Door Frame

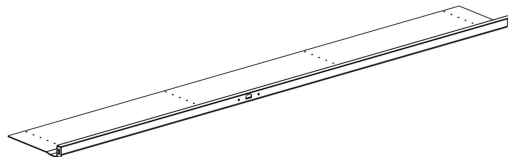
#### 8. Organize Parts:

- Unpack and organize the parts. Note the differences in the long side frame parts.

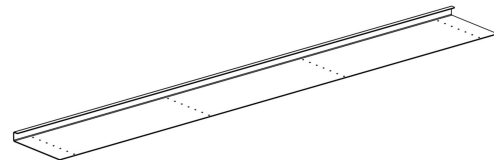




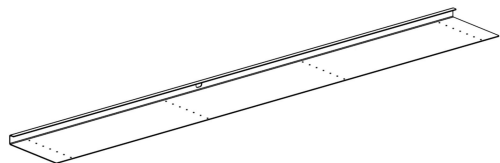
**1 - Side Frame A**  
**x 1**



**2 - Side Frame A1**  
**x 1**



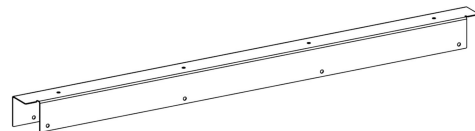
**3 - Side Frame B**  
**x 1**



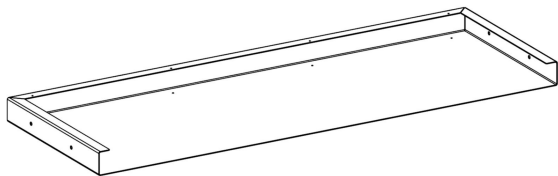
**4 - Side Frame B1**  
**x 1**



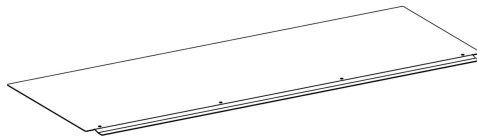
**5 - Bottom Sill**  
**x 1**



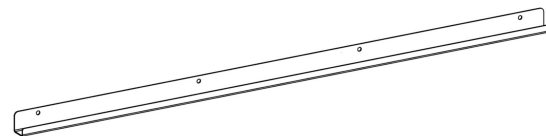
**6 - Top Channel**  
**x 1**



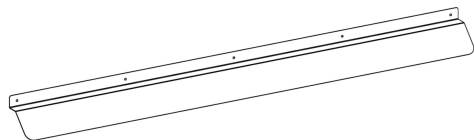
**7 - Top Panel**  
**x 1**



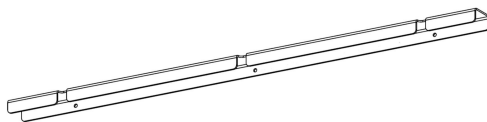
**8 - Top Panel Skin**  
**x 1**



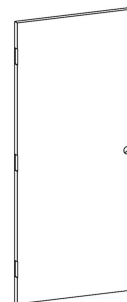
**9 - Top Panel Drip Tray**  
**x 1**



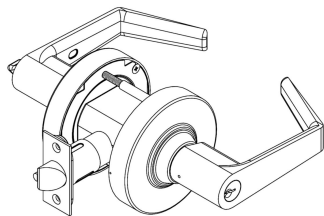
**10 - Top Cap Trim**  
**x 1**



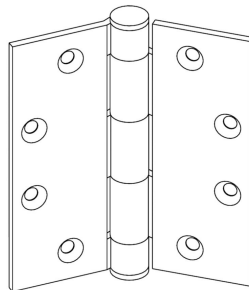
**11 - Bottom Sill Mount**  
**x 1**



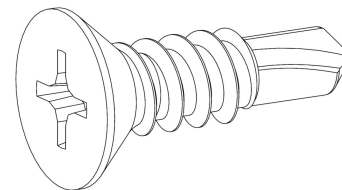
**12 - Fireproof Steel Door**  
**x 1**



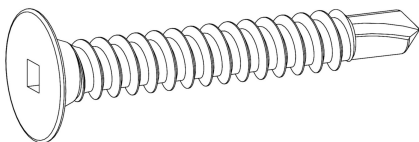
**13 - Door Handle**  
**x 1**



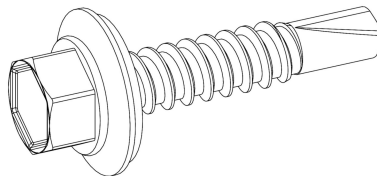
**14 - Door Hinge**  
**x 3**



**15 - #12 x 3/4" Drilling Screw**  
**x 28**



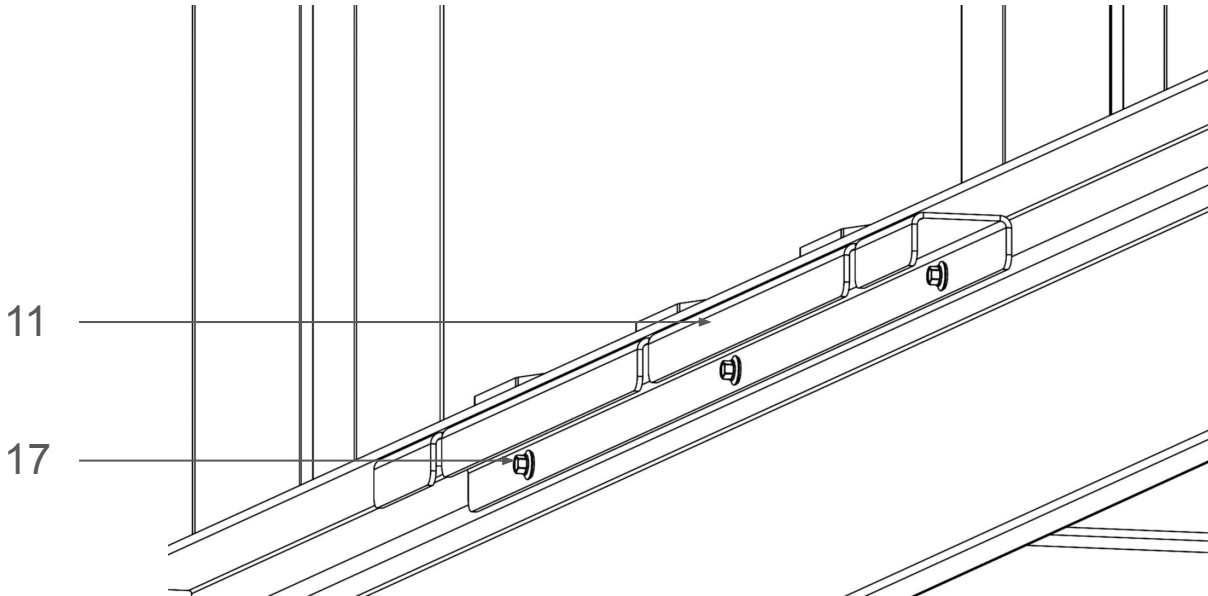
**16 - #12 x 1.5" Drilling Screw**  
**x 2**



**17 - #12 x 1" Drilling Screw**  
**x 60**

## 9. Install Bottom Sill Mount (Part 11):

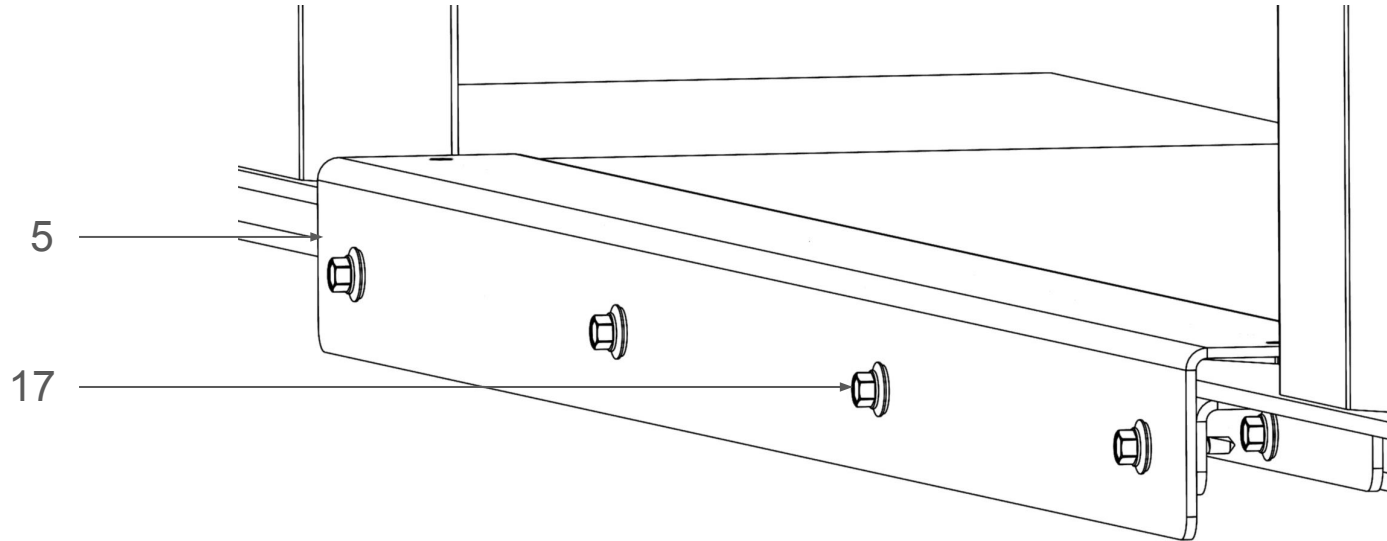
- Place the Bottom Sill Mount under bottom rail of the container as shown.
- Center on door cutout
- Secure with an impact driver using #12 x 1" drilling screws (Part 17) at the three rear attachment points.





**10. Install Bottom Sill (Part 5):**

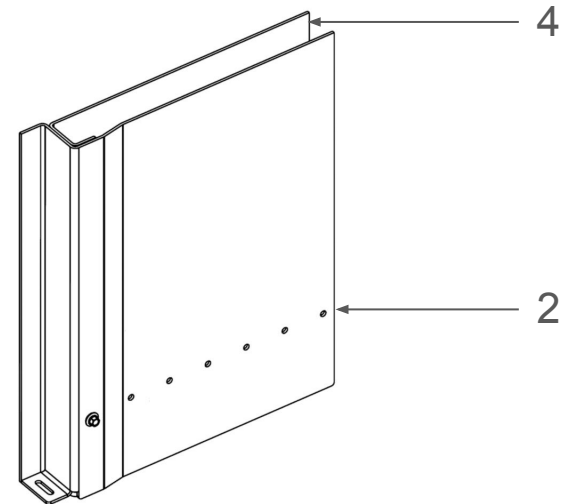
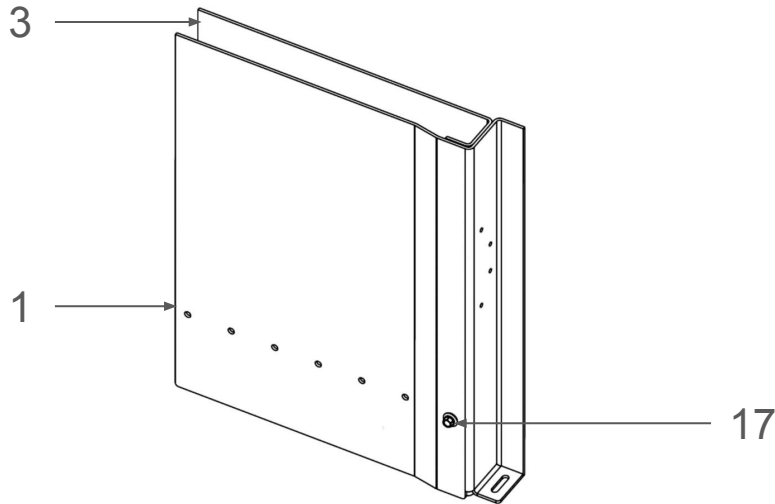
- Place the Bottom Sill on the bottom rail of the container.
- Ensure it sits flat; grind down any high spots if necessary.
- Secure the Bottom Sill with an impact driver #12 x 1" drilling screws (Part 17) at the four front attachment points. Leave the top 2 end attachment points for now.



### 11. Assemble the Long Sides (Parts 1-4):

- Take one long side (Part 1) with a side flange and (Part 3) without flange. (on the small sides either have a hole in the middle for door latch or small holes in 3 locations for hinges the hole must lineup) Clamp them together in a "U" shape.
- Secure them together using #12 x 1" drilling screws (Part 17) fully tightening the screws.

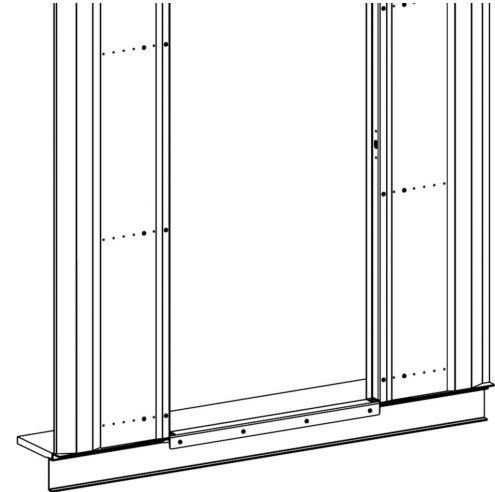
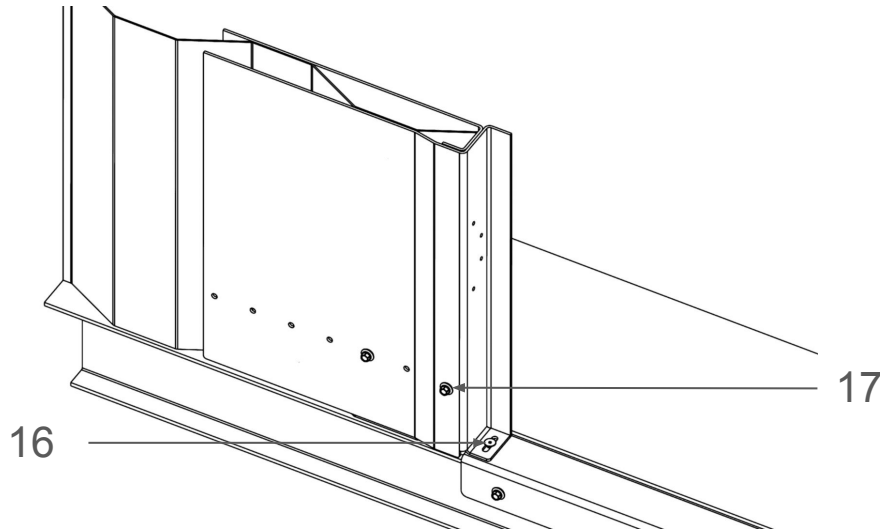
**Repeat** this for the other side. With (Part 2) and (Part 4) You will have created a hinge side and a latch hole side. You will install these sides by slipping them over the cut container walls in the orientation you desire for the door swing.



## Step 4: Attaching the Frame to the Container

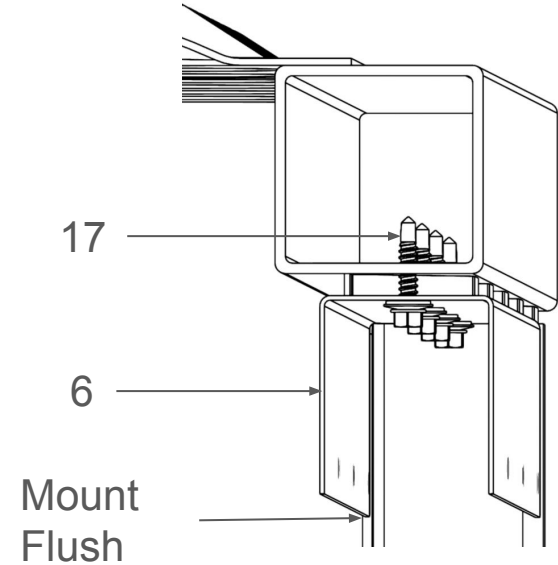
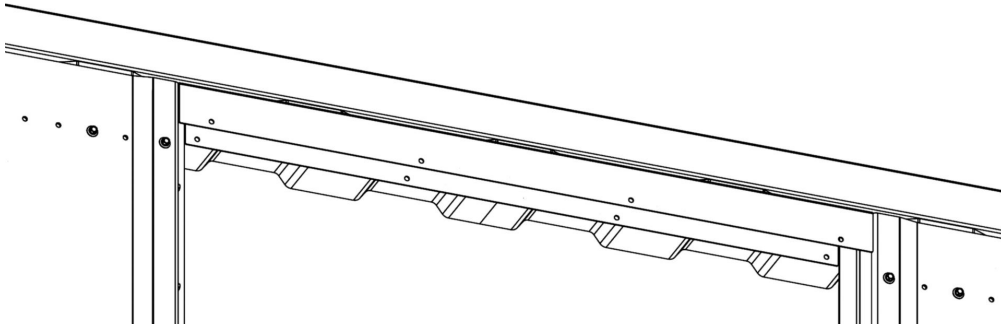
### 12. Slide the Long Sides onto the Container:

- Slide the long side pieces over the container's corrugations. Ensure the hinge side and latch side are positioned as desired for the door swing (inward or outward).
- Square panel to sill & align the outward bent tab on the lower edge of the long sides with the hole on the lower sill and secure with #12 x 1-½" drilling screw (Part 16).



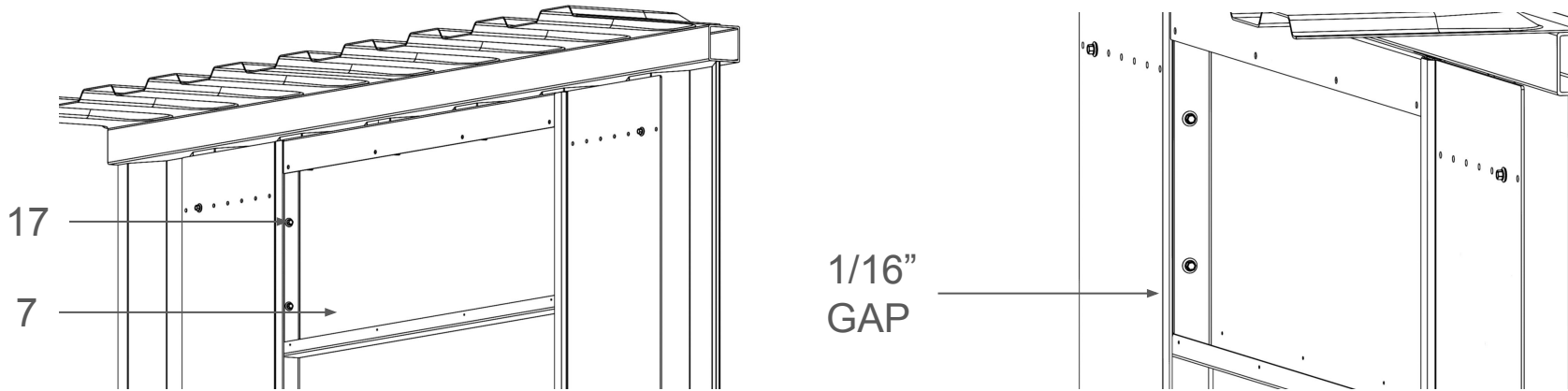
### 13. Install the Top Channel (Part 6)

- Install Top Channel to the upper rail of the container and between the placed sides using #12 x 1" drilling screws (Part 17). Mount so inside surface is flush with side frame surface.



## 14. Install the Top Panel (Part 7)

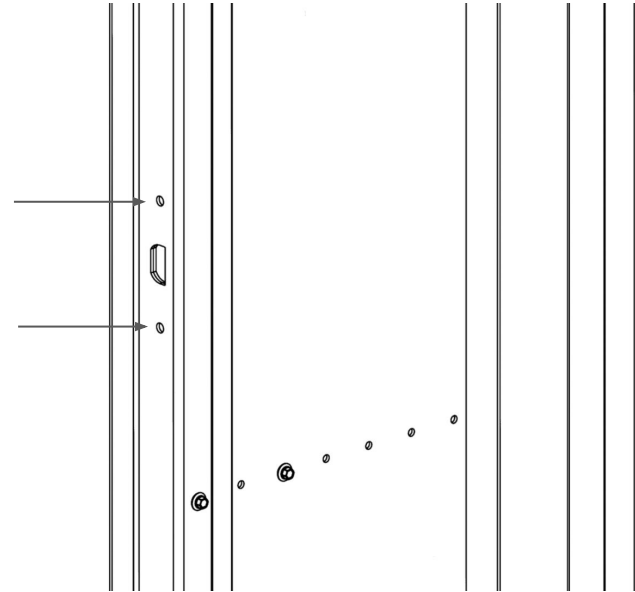
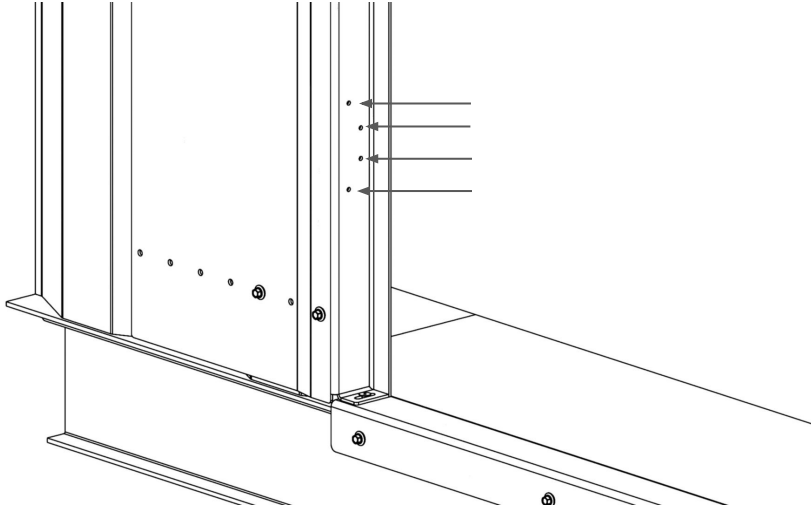
- The Top Panel is adjustable within the top channel to allow for height variations in the container. The open end of the panel should face the inside of the container. This panel also assists in squaring the side frame. Before inserting the panel, use a tape measure to measure up from the bottom of the sill plate a mark at least 80", do this on both sides. Insert the top panel with the open side facing into the container. Match the bottom corners of the panel to the marks on the frame. There must be 1/16" gap between the frame flange and the panel. (so the panel skin sheet can slide in) Fasten the panel to the sides using screws (Part 17). Through the holes provided, the door frame now needs to be double checked for squareness. Use a square in the upper corners of the frame and adjust the frame until square. Use tek screws (17) to secure the frame sides to the container corrugation through the holes provided. Only screw the holes in which you can see the container steel through the hole.



## Step 5: Drilling For Hardware

### 18. Drill Hinge and Latch Holes:

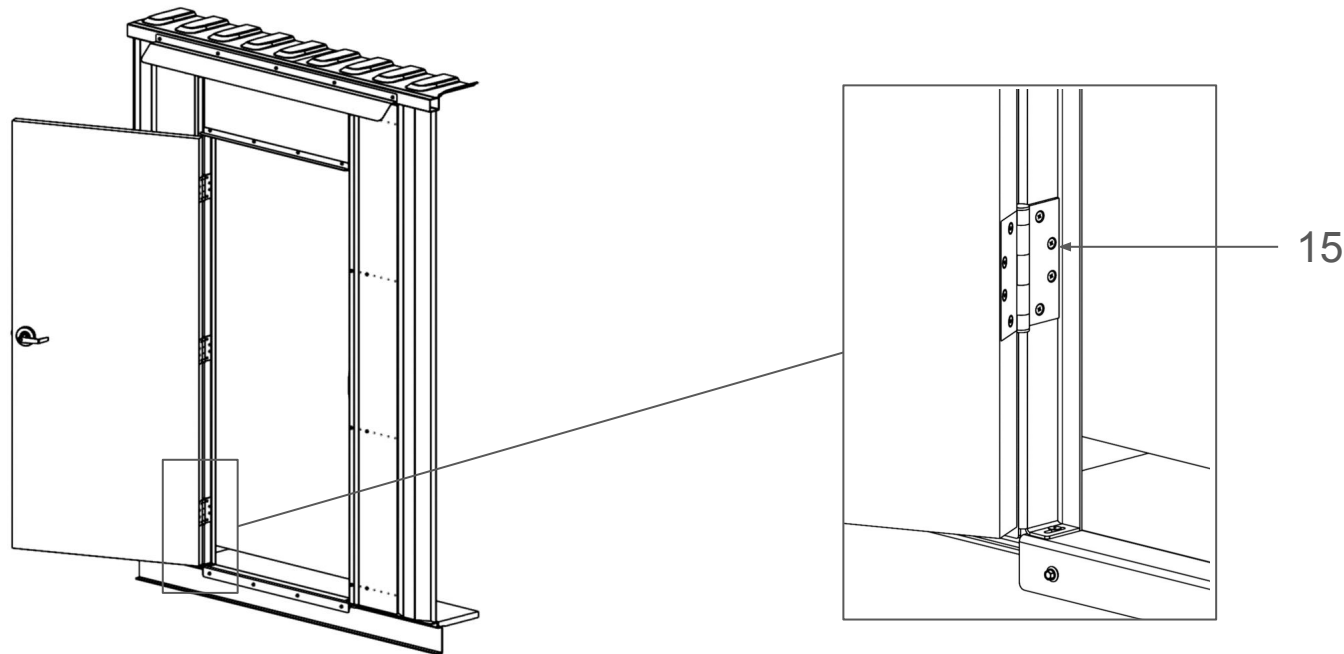
- Drill the hinge holes and latch plate holes using an 11/64" drill bit.
- #12 x 3/4" Self tapping screws are provided but a manual tap may be needed to thread the holes before the screws will work. Install the hinges to the frame but leave the screws a bit loose so the hinges can move around a bit.



## Step 7: Mounting Door

### 20. Mount Door (Part 12) to Frame:

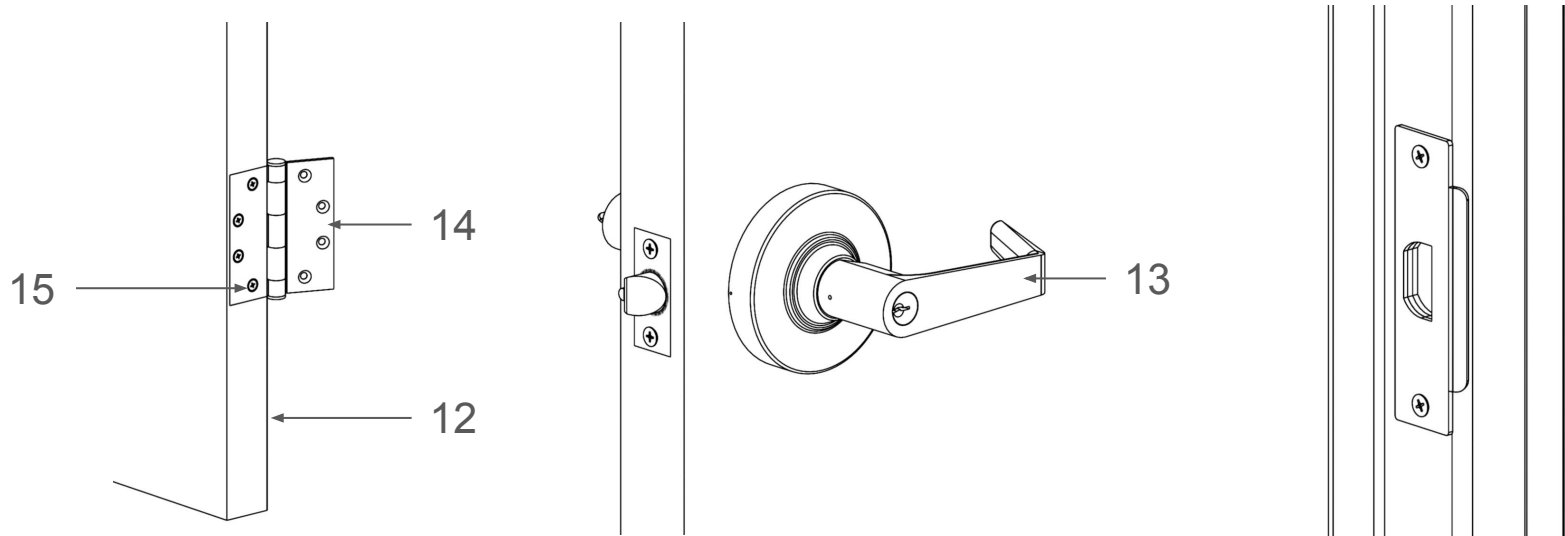
- With the loosely hardware installed, fasten the door to the frame with #12 x  $\frac{3}{4}$ " Drilling Screws (Part 15) when all hinges are fitted make sure all screws are tight.



## Step 6: Installing Hardware

### 19. Mount Door Hardware:

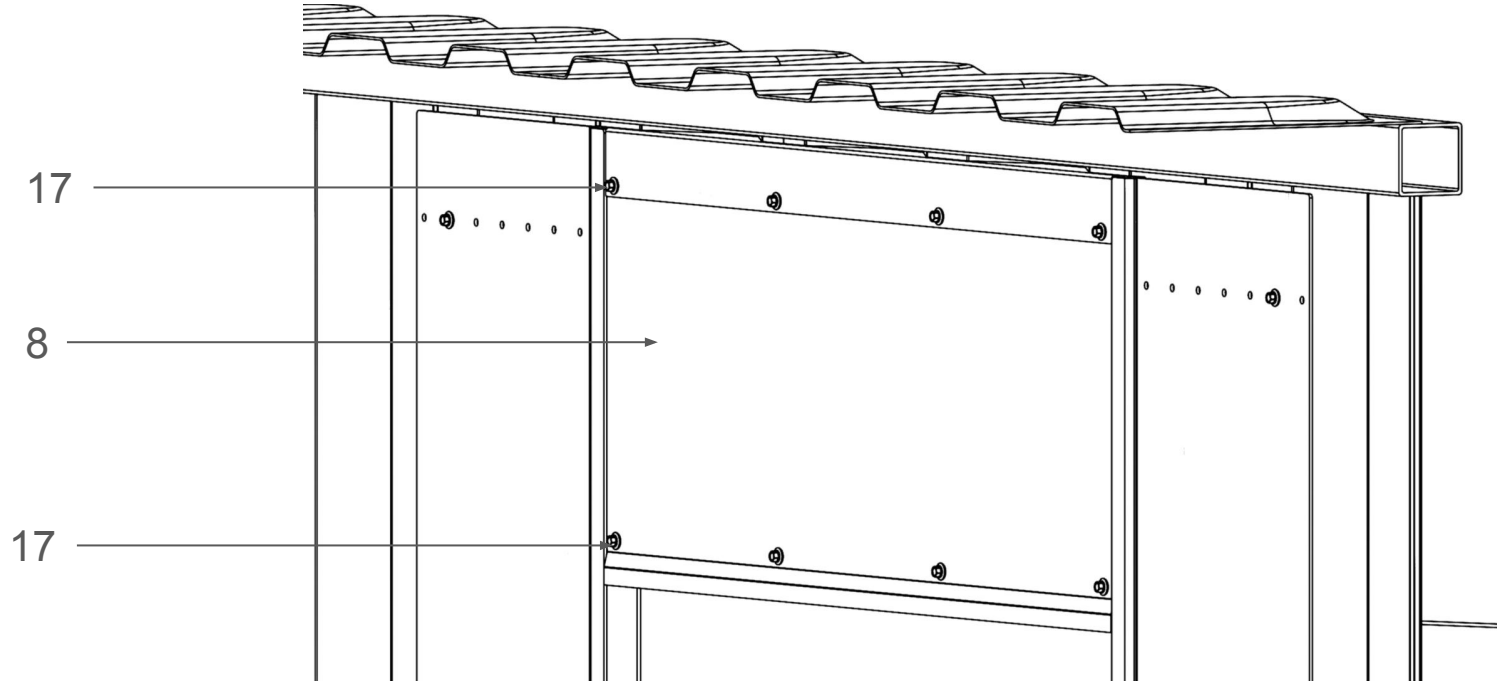
- Install the provided hardware to the Door (Part 12) as required. Secure Hinges (Part 14), Handle (Part 13), and any other components with #12 x  $\frac{3}{4}$ " Drilling Screws (Part 15). Now door is hung check the gap around the door the top panel may need to be raised or lowered to give a even gap.





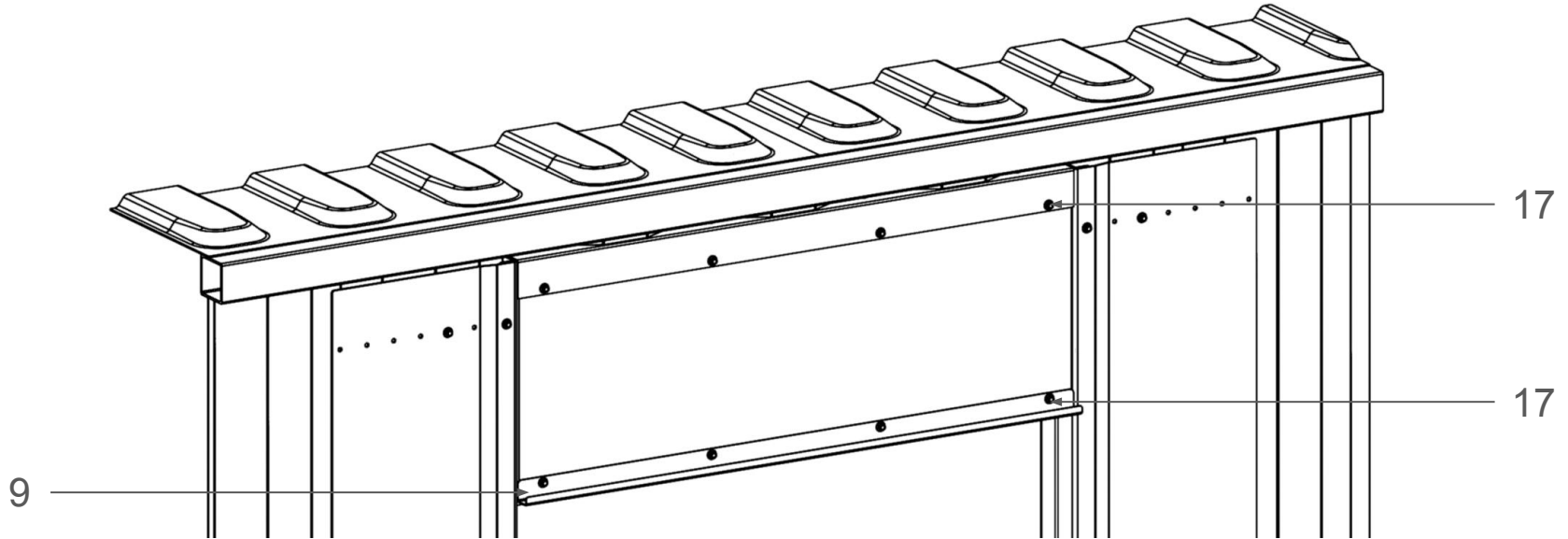
**15. Install the Top Panel Skin (Part 8)**

- Slide Top Panel Skin in between Top Panel and Side Frames. Align with Top Panel holes and secure with #12 x 1" drilling screws (Part 17)



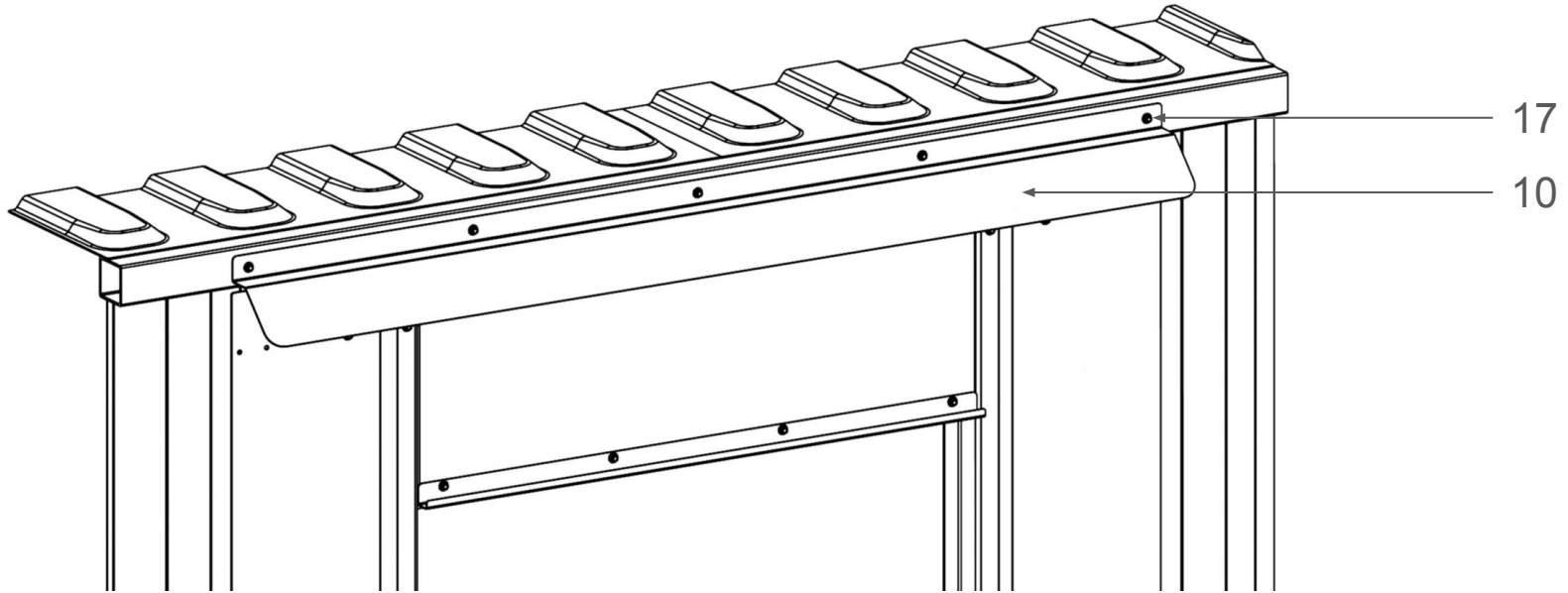
**16. Install the Top Panel Drip Tray (Part 9)**

- Install the Top Panel Drip Tray by aligning the holes to the Lower Top Panel. Secure with #12 x 1" drilling screws (Part 17).



**17. Install the Top Cap Trim (Part 10)**

- This trim is **optional**
- Install the Top Cap Trim as shown. Secure with #12 x 1" drilling screws (Part 17).



## Congratulations!

Your Container D.I.Y Door is now successfully installed!

**Note:** If you have any remaining questions or concerns contact customer support.

519-983-0722

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[www.insulacontainers.com](http://www.insulacontainers.com)

