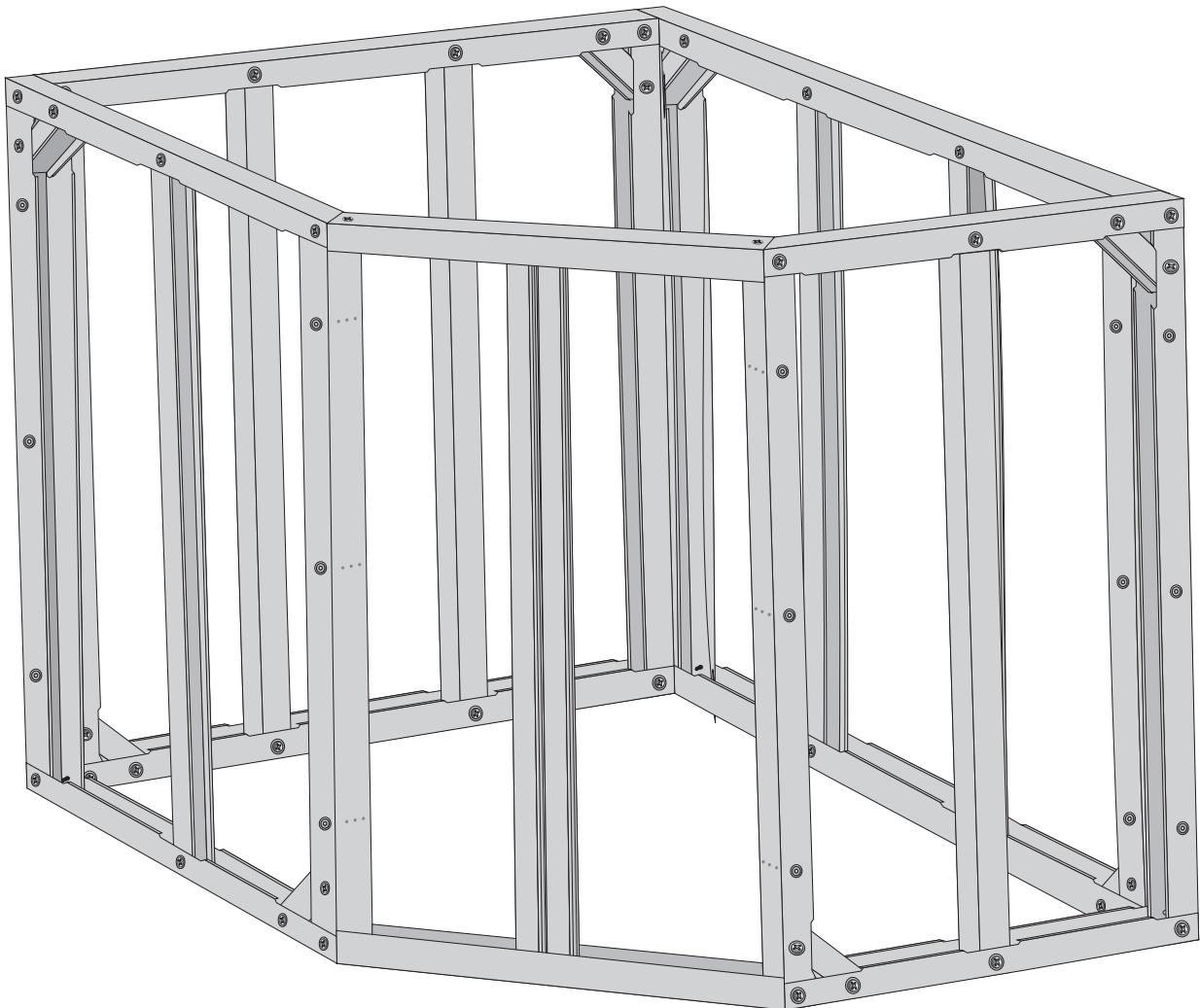




Easy-to-Follow  
INSTRUCTION  
*Manual*

DIAGONAL CORNER MODULE



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## WARNINGS

When working with metal, the edges are very sharp and may have small splinters across the edges. Be extremely careful when handling each piece. It is highly recommended to wear safety glasses and gloves at all times while building your modules. Eye protection is required when cutting or screwing metal pieces to protect against errant metal pieces and particles.

Keep children and animals away from the metal pieces and completed frame kits.

Please follow all manufacturer directions on how to properly install BBQ products.

Check with your local codes on construction for the required permits you may need for construction of your BBQ island.

Utility lines should only be installed by a licensed plumber or electrician per the code in your area. Do not forget to get a permit if required by local laws or regulations.

Please read all directions on how to install your DIYBBQ island modules. Installation of the product is at your own risk; DIYBBQ, LLC is not liable for misuse of the module frame kits nor for damage to any of your BBQ products.

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Each party shall be responsible for its share of the arbitration fees in accordance with the applicable Rules of Arbitration. In the event a party fails to proceed with arbitration, unsuccessfully challenges the arbitrator's award or fails to comply with the arbitrator's award, the other party opposing party is entitled to costs of suit, including a reasonable attorney's fee for having to compel arbitration or defend or enforce the award.

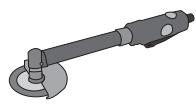
If you are still having trouble putting your module together, we are here to help. Contact us at 800-289-3492 or email support@diybbq.com.

# Tools for Assembly

Vise Clamps



Cutoff Wheel



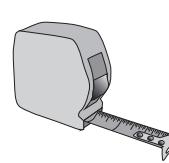
Aviation Snips



Cordless Drill



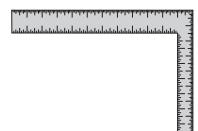
Tape Measure



Marker



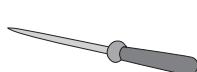
Carpenter Square



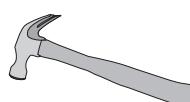
Magnetic Level



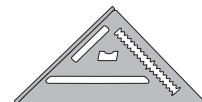
Pick



Hammer



Rafter Square



Spring Clamps



## PROFESSIONAL TIPS

### Proper Safety equipment is extremely important.

Always wear safety glasses and gloves when assembling your modules.

Using proper tools will make the project much easier to do and will help you obtain a properly built project. This list is of the basic tools you'll need to build your modules. You may use whatever tools you deem necessary to complete your project in the easiest way possible. All tools listed here and others you may wish to acquire can be found at Lowes®, Home Depot®, Amazon and other on-line retailers.

A cordless impact driver will make steel frame assembly easier and help protect the edges of the HardieBacker® cement board from cracking during installation onto the frame.

## Useful Terms

**Unassembled Module:** A complete module set that must be completed from the ground-up.

**Assembled Module:** A complete module set in which all of the Perimeter walls and Cross Channel walls are pre-assembled prior to shipping.

**Perimeter Walls:** Module walls that measure over 28" in length in a corner module.

**Cross Channels (hCC):** Module Walls that measure 28" or less in length in a corner module.

**Angle Brace:** A piece that supports the tracks to the outer studs of the front and back walls of an unassembled module.

**Perimeter Wall Track:** The top and bottom pieces of a Perimeter or Cross Channel wall.

**Perimeter Wall Stud:** The sides and inside pieces of a Perimeter or Cross Channel wall.

**Quick Panels:** The back and front walls of an Assembled Module that include a second support stud on each end for extra durability.

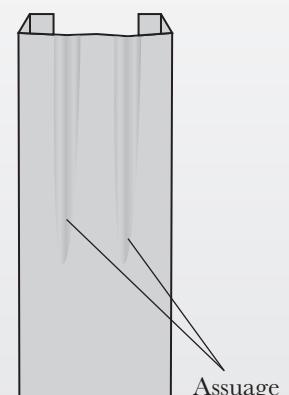
**Assuage:** The small creases that appear on the ends of a stud that allows for easier assembly (see image to right).

**Web Holes:** The small, precut holes, usually appearing in sets of three on the back side of a Cross Channel wall that act as a guide for drilling when attaching Cross Channel walls to the front and back walls of a module.

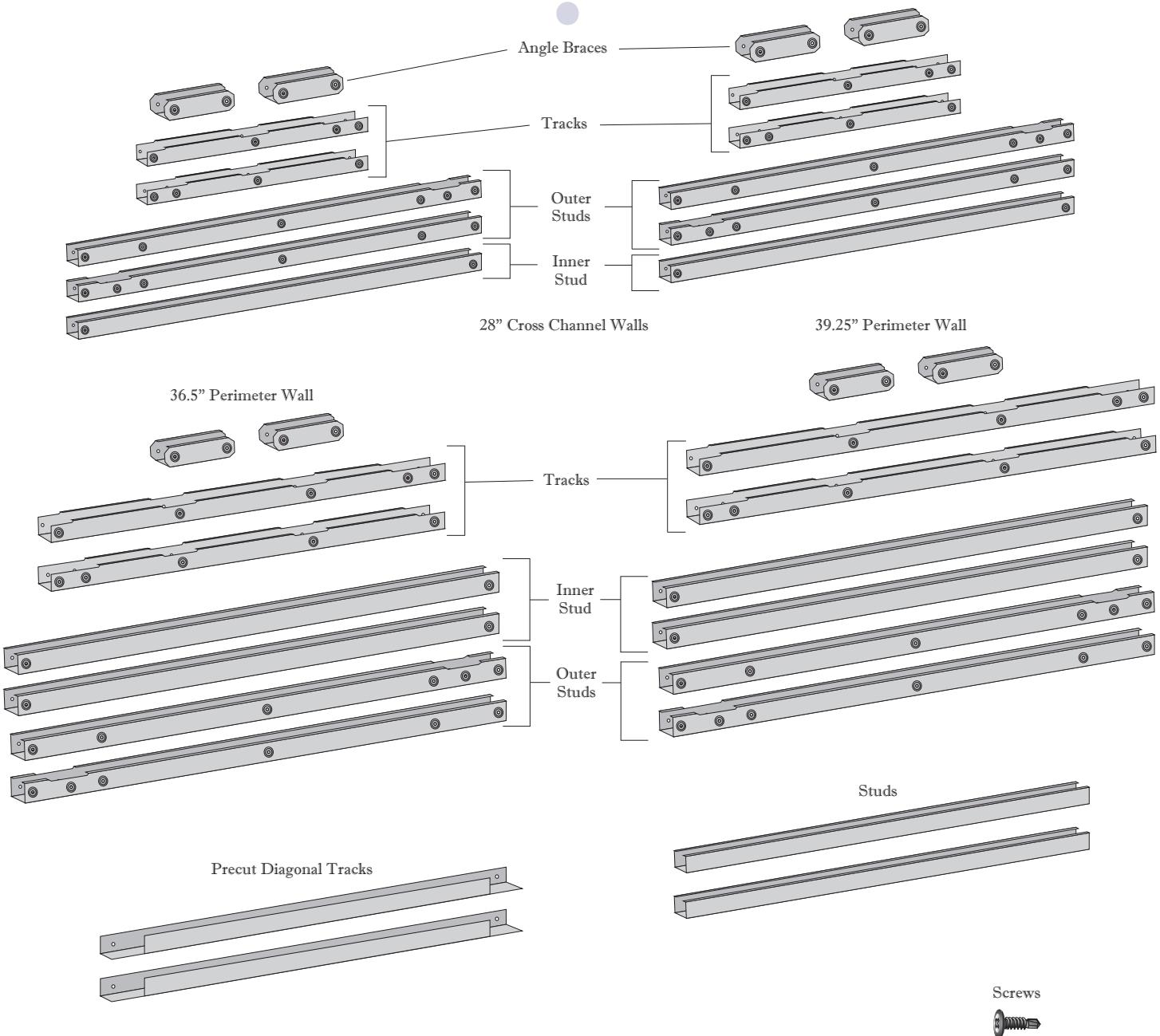
**Catch Track (CT):** Long or small pieces that attach to the inside of a Perimeter Wall to hold and secure Appliance Tracks.

**Countertop Stud (CTS):** Pieces that slide perpendicular into a Catch Track to support the Appliance Tracks as well as the appliance, door or drawer.

**Appliance Tracks:** Pieces that run perpendicular and connect Countertop Studs or Perimeter Wall Studs that hold and support an appliance.



# What's in the box



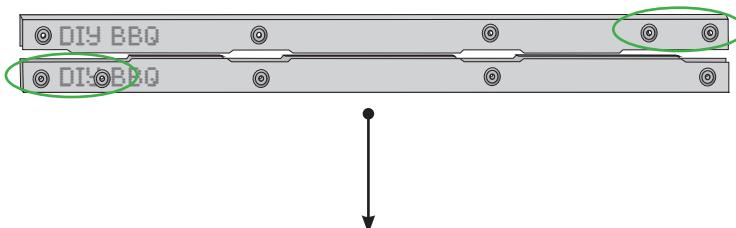
## CHECK LIST

- |   |  |
|---|--|
| <input type="checkbox"/> 8 Angle Braces                 | <input type="checkbox"/> 8 Perimeter Wall Studs  |
| <input type="checkbox"/> 4 Cross Channel Tracks         | <input type="checkbox"/> 2 Precut Diagonal Tracks                                      |
| <input type="checkbox"/> 2 36.5" Perimeter Wall Tracks  | <input type="checkbox"/> 2 Studs   |
| <input type="checkbox"/> 2 39.25" Perimeter Wall Tracks | <input type="checkbox"/> Self-Tapping Screws (Minimum amount needed for assembly: 107) |
| <input type="checkbox"/> 6 Cross Channel Studs          |  |

# STEP 1

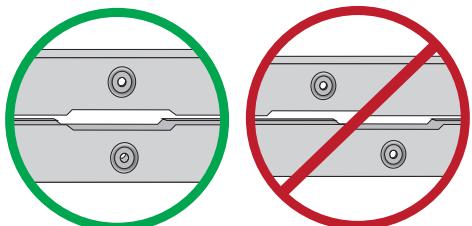
Find both 36.5" Perimeter Wall Tracks and align them so that the double dimpled holes are opposite one another, and that the length of each is the same.

**Note:** When aligned correctly, the text printed on each stud will read exactly the same.



## PROFESSIONAL TIP - ALIGNING CUTS

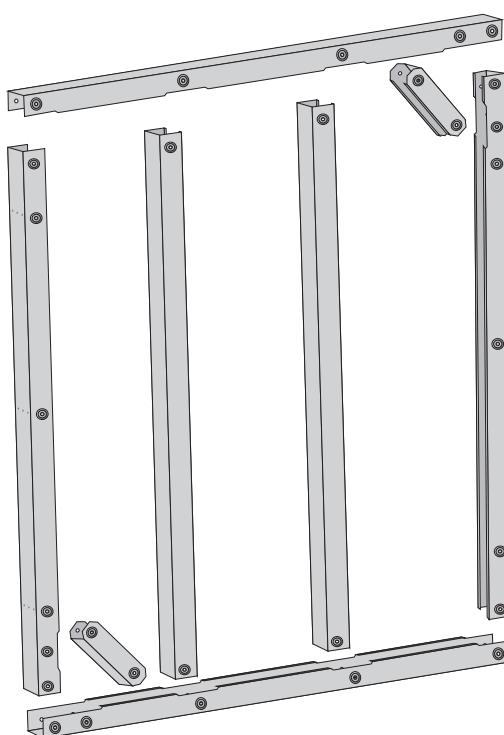
When aligning the tracks for the back of the module, if any of the cuts of each track are misaligned, one of the tracks needs to be flipped so that all cuts of both tracks line up.



# STEP 2

Spread out the pieces to form a loose framework of the wall prior to attaching anything.

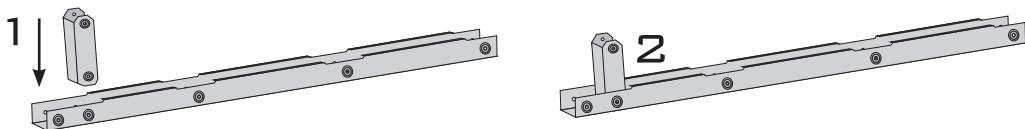
**Note:** Unlike the front wall, the center studs will be positioned within the frame and remain fixed in place.



## STEP 3

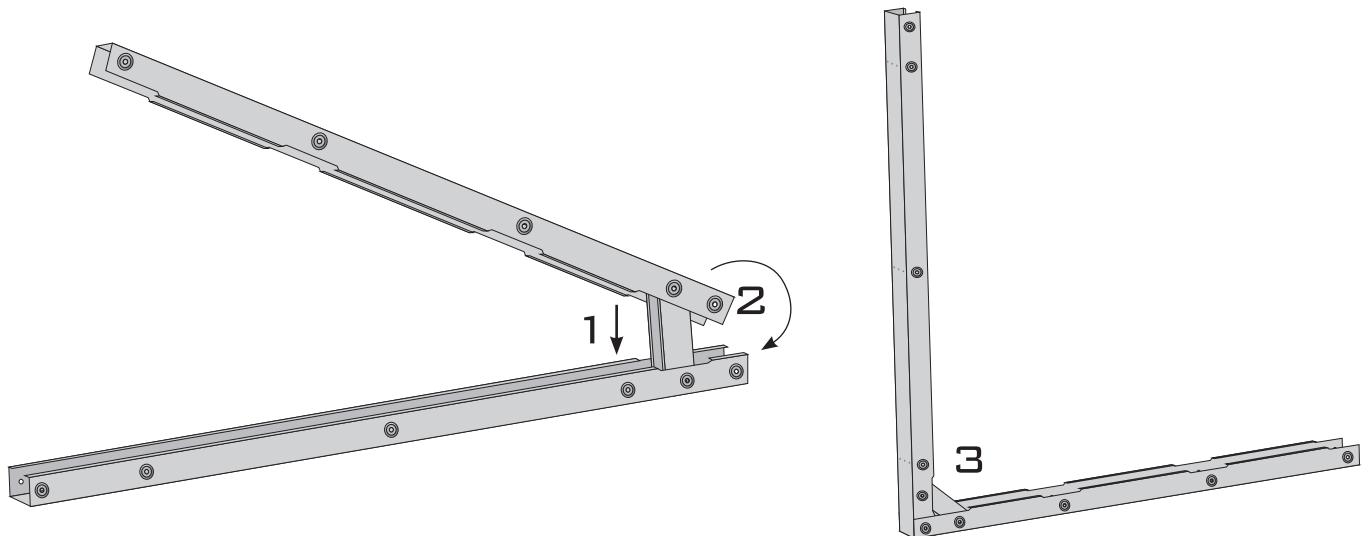
Place one end of the first angle brace into the bottom track.

**Note:** You may place the angle brace into either the stud or the track first, however, it's easier to maneuver the brace into the opposite piece if you first slide your angle brace into the smaller of the two pieces.



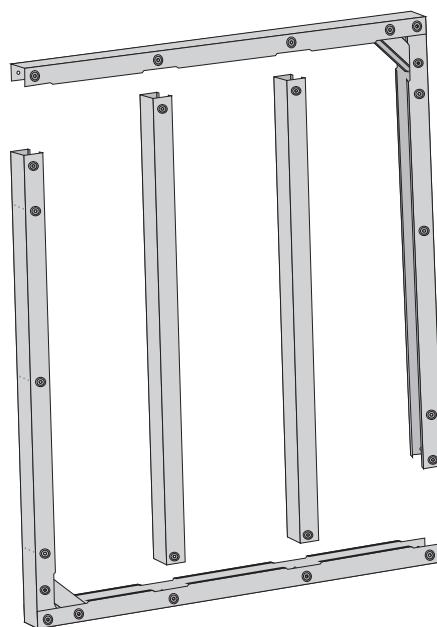
## STEP 4

Slide the other side of the angle brace into the outer left stud and then easily swing the track into place on the edge of the stud. Reconfigure the pieces so that the track rests at the bottom.



## STEP 5

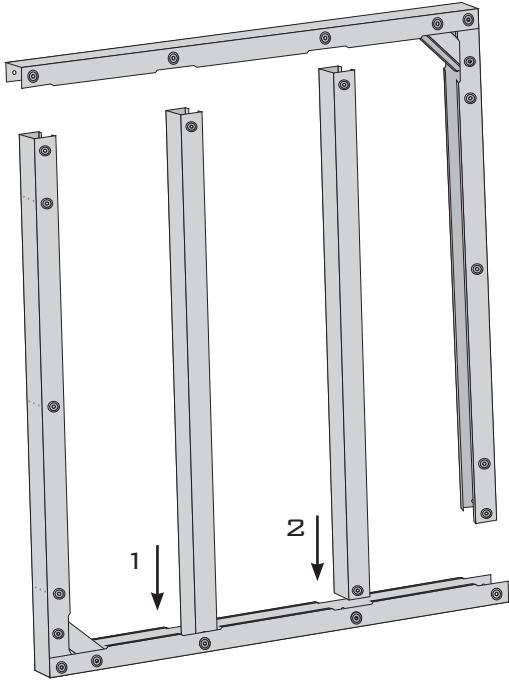
Repeat steps 3 and 4 to attach the second angle brace to the opposite stud and track. You should now have two L-shaped pieces.



# STEP 6

Slide each center stud into the bottom track. Make sure that each of the precut holes line up.

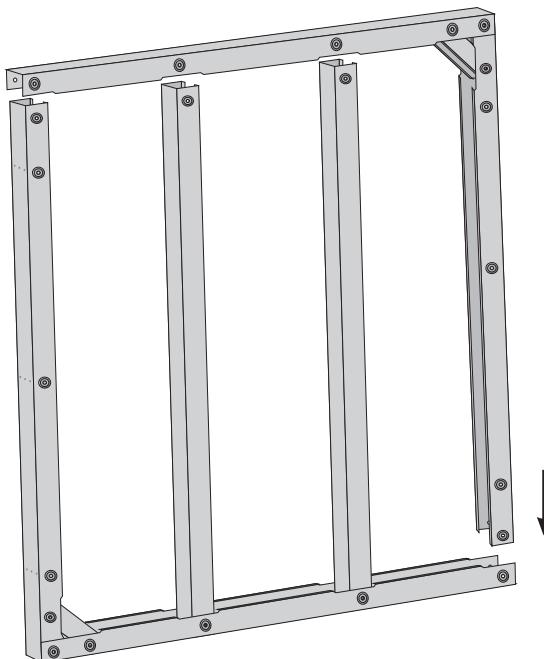
**Note:** Each stud has a number reference, where Stud 1 will sit on the right with each number running consecutively to the left. This isn't necessary, but keeps everything organized.



# STEP 7

Slide the second L-Shape piece into the end of the bottom track.

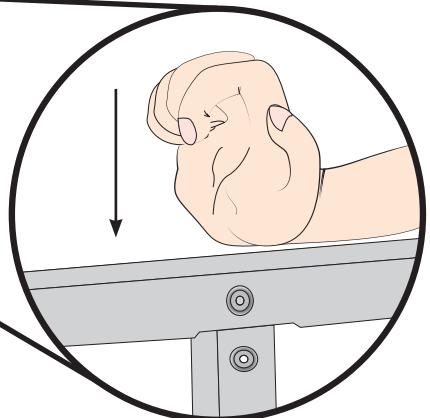
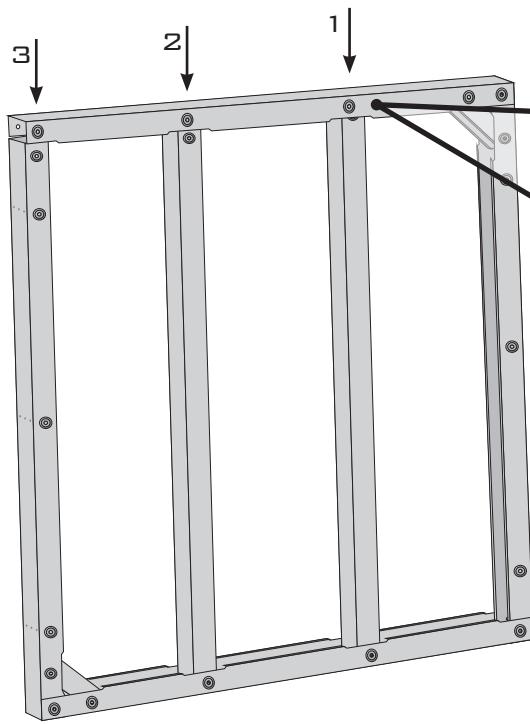
**Note:** When sliding the stud into the track, the top track may bend up slightly. Do not worry. This will be adjusted in the next step.



# STEP 8

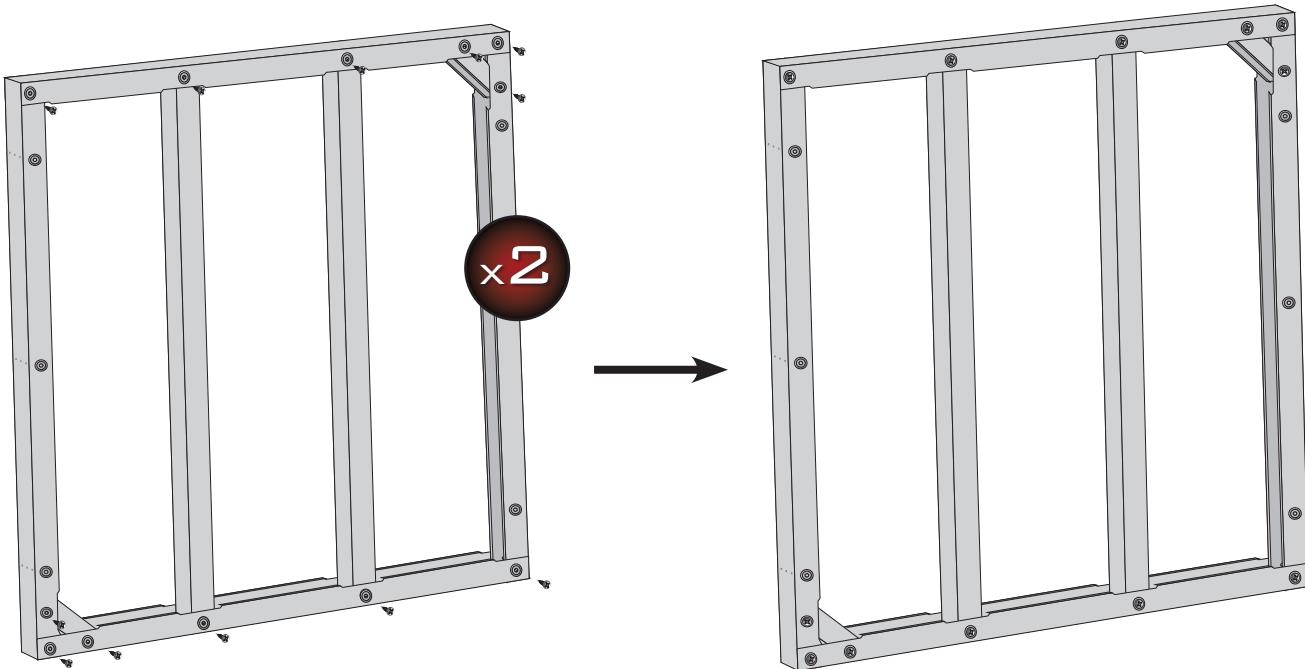
Adjust the top of each stud so that they fit comfortably inside the top track. Then use the butt of your palm to carefully but firmly hit each stud into the top track so that all precut holes in both the track and studs are aligned.

**Note:** If the studs do not slip right in when hit, readjust the studs and then reapply pressure to the track.



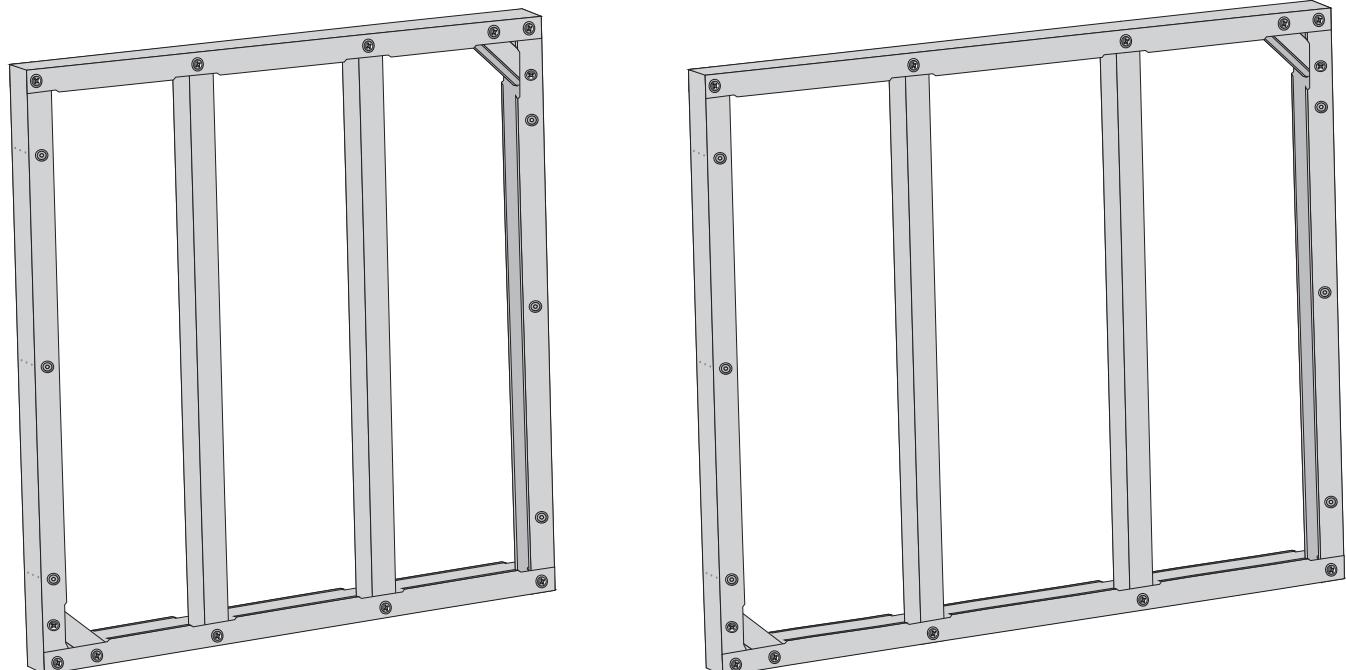
## STEP 9

Drill ten (10) screws into the pre-drilled holes across the top and bottom tracks, as well as two (2) screws into the outer studs where the angle braces rest (for a total of twelve (12) screws). When complete, flip the wall over and drill twelve (12) additional screws into the opposite side. You should now have a completed frame wall.



## STEP 10

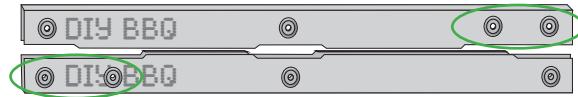
Repeat steps 2-9 to construct the 39.25" Perimeter Wall. You should now have one complete 36.5" Perimeter Wall wall and one complete 39.25" Perimeter wall.



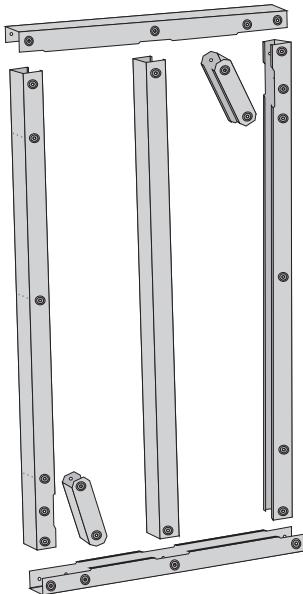
**STEP 1**

Align the tracks so that the double dimpled holes are opposite one another.

**Note:** When aligned correctly, the text printed on each stud will read exactly the same.

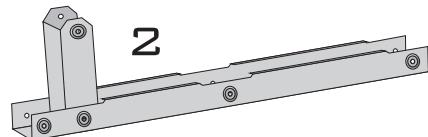
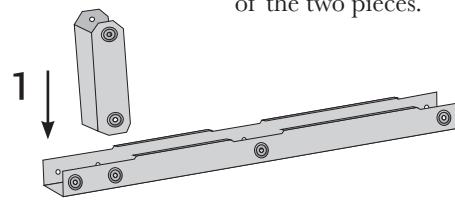
**STEP 2**

Spread out the pieces to form a loose framework of the wall prior to attaching anything.

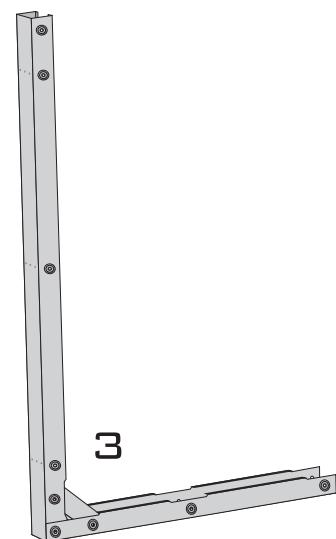
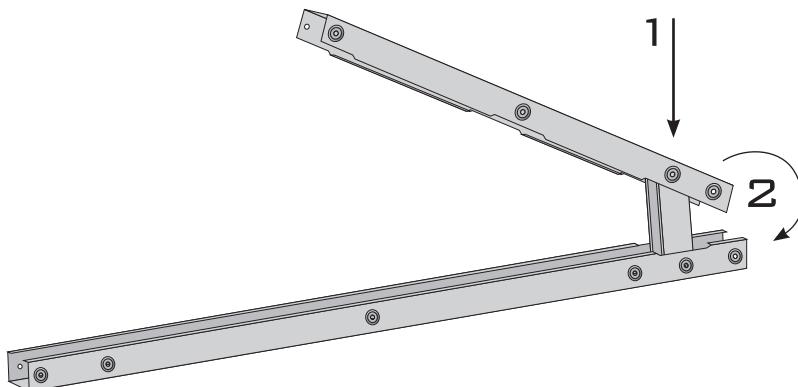
**STEP 3**

Place one end of the first angle brace into the bottom track.

**Note:** You may place the angle brace into either the stud or the track first, however, it's easier to maneuver the brace into the opposite piece if you first slide your angle brace into the smaller of the two pieces.

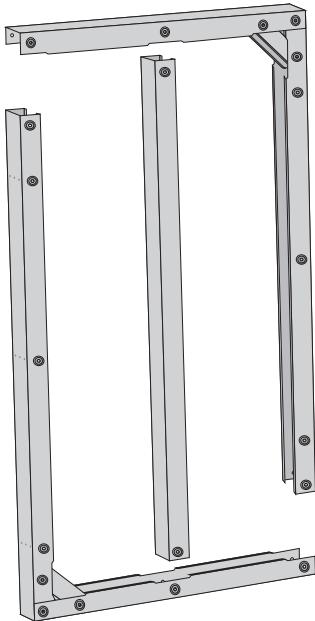
**STEP 4**

Slide the other side of the angle brace into the corresponding stud and then easily swing the track into place on the edge of the stud. Reconfigure the pieces so that the track rests at the bottom.



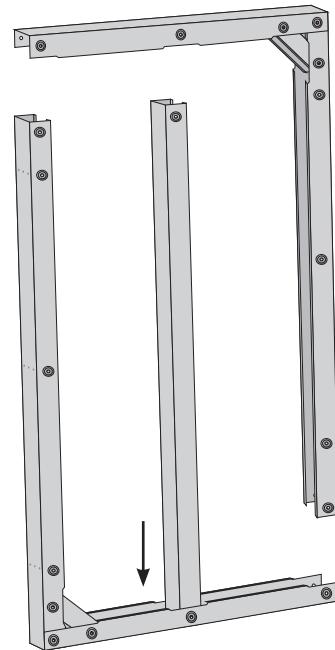
# STEP 5

Repeat steps 3 and 4 to attach the second angle brace to the opposite stud and track. You should now have two L-shaped pieces.



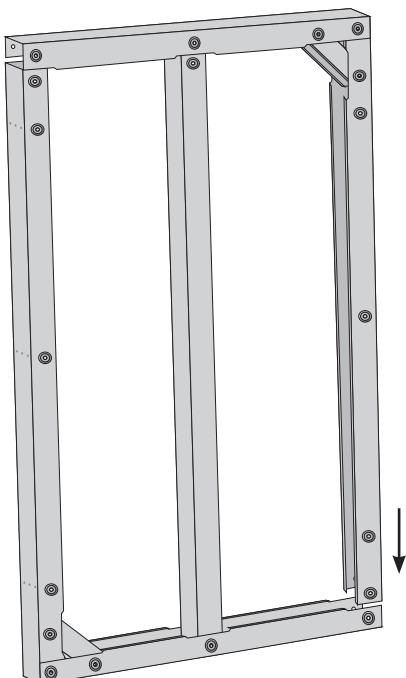
# STEP 6

Slide the center stud into the bottom track. Make sure that the precut holes match up.



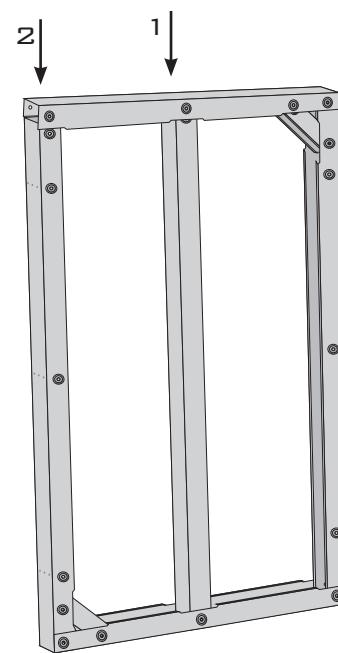
# STEP 7

Slide the second L-Shape piece into the open end of the bottom track.  
**Note:** When sliding the stud into the track, the top track may bend up slightly. Do not worry. This will be adjusted in the next step.



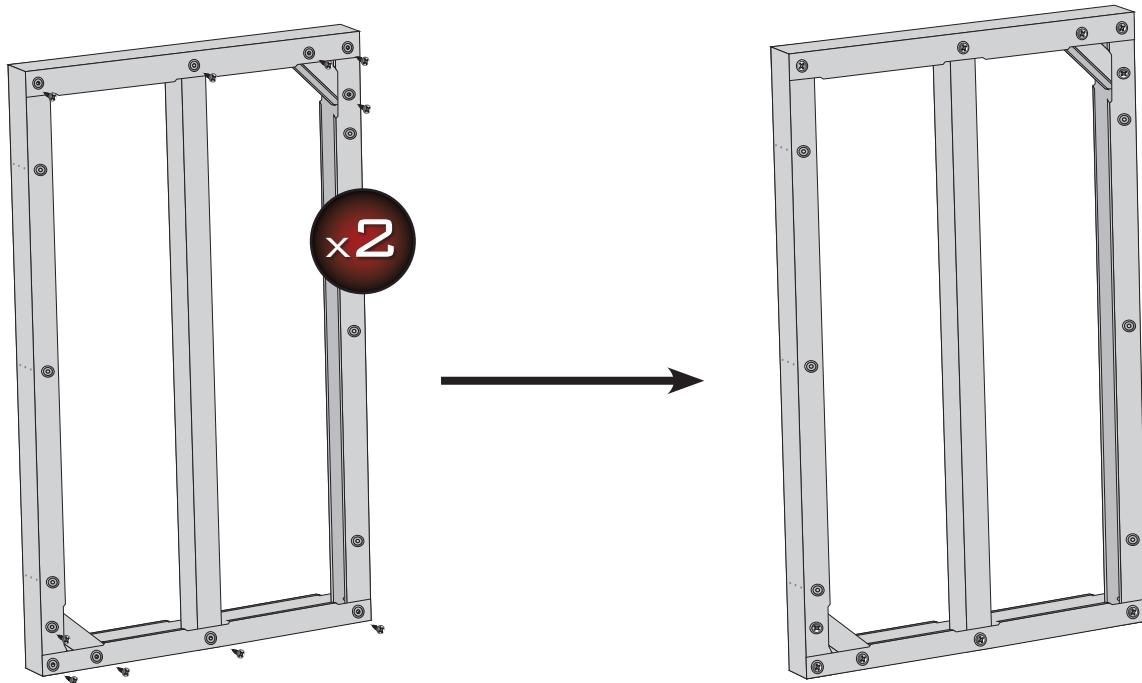
# STEP 8

Adjust the top of each stud so that they fit comfortably inside the top track. Then use the butt of your palm to carefully, but firmly, hit each stud into the top track so that all precut holes in both the track and studs are aligned.



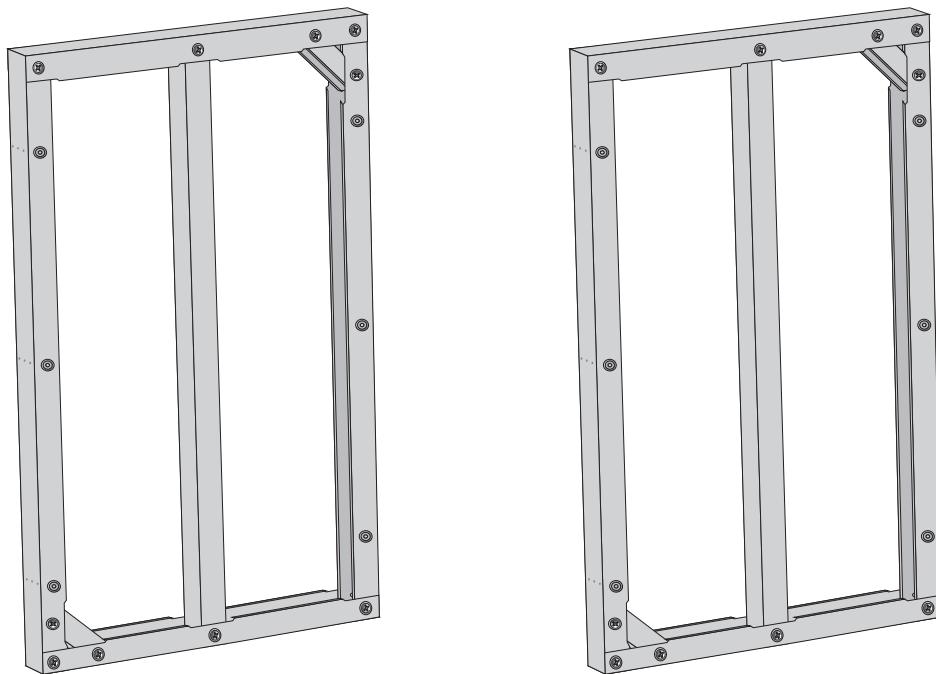
# STEP 9

Drill eight (8) screws into the pre-drilled holes across the top and bottom tracks, as well as two (2) screws into the outer studs where the angle braces rest (for a total of ten (10) screws). When complete, flip the wall over and drill ten (10) additional screws into the opposite side. You should now have a completed frame wall.



# STEP 10

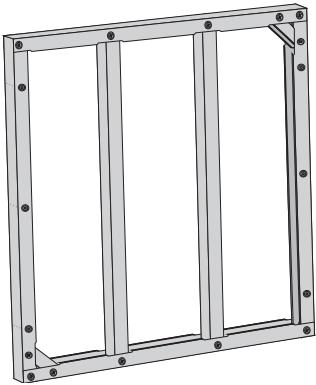
Repeat steps 1 through 9 for the second CC wall. You should now have two complete Cross Channel walls.



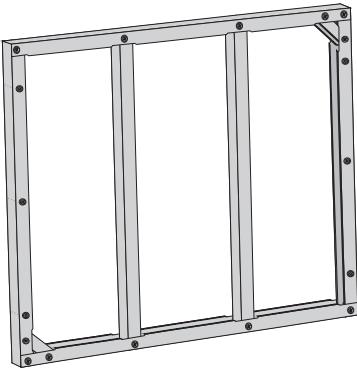
## Complete Assembly

### STEP 1

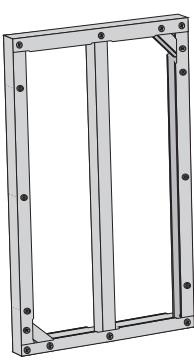
Make sure you have all of your assembled pieces.



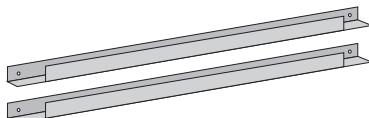
36.5" Perimeter Wall



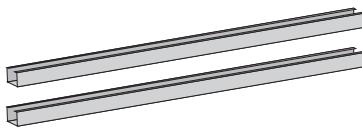
39.25" Perimeter Wall



Cross Channel Walls



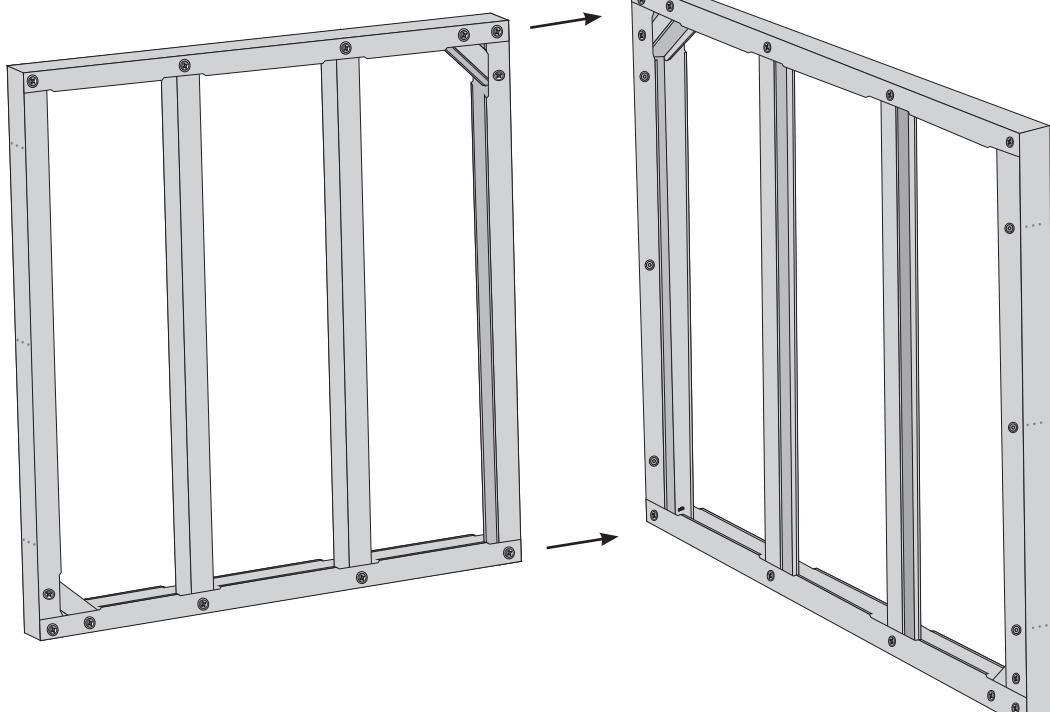
Precut Diagonal Tracks



Studs

### STEP 2

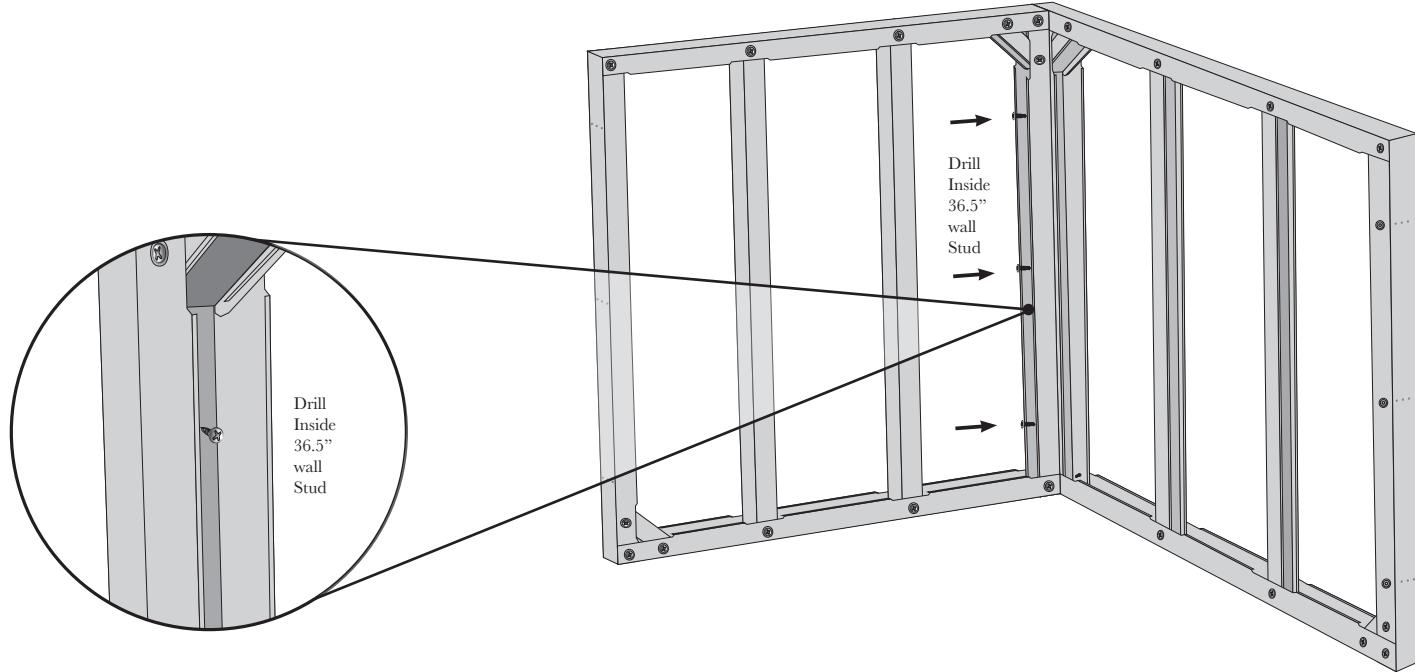
Slide the 36.5" Perimeter wall against the 39.25" Perimeter wall so that it aligns flush along the inside edge of the 39.25" Perimeter wall.



# STEP 3

Attach the 36.5" Perimeter wall to the 39.25" Perimeter wall by drilling at least three (3) screws inside the stud of the 36.5" Perimeter wall.

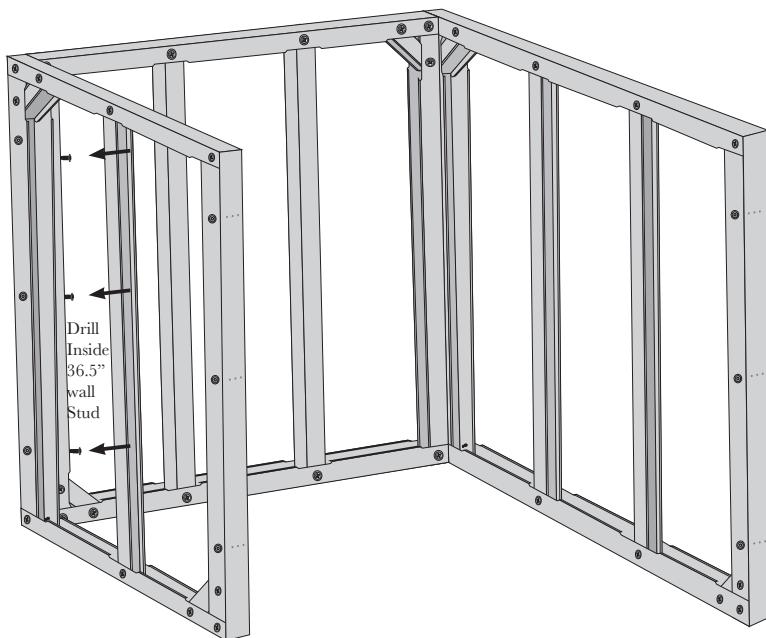
**Note:** The web holes located on the outer studs of the 36.5" Perimeter wall align with the pre-drilled holes in the 39.25" Perimeter wall. Use the center web hole in of each row to drill the 36.5" wall to the 39.25" wall.



# STEP 4

Place the first Cross Channel (CC) Wall on the left outside edge of the 36.5" wall and make sure the outer edges are flush. Attach the 36.5" Perimeter wall to the CC wall by drilling at least three (3) screws inside the stud of the 36.5" Perimeter wall.

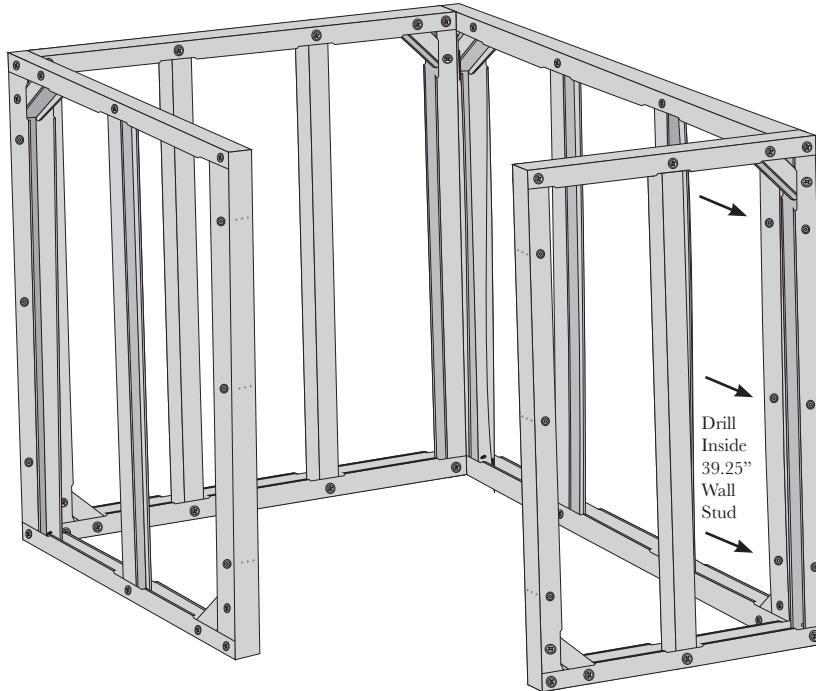
**Note:** The web holes located on the outer studs of the 36.5" Perimeter wall align with the pre-drilled holes in the CC wall. Use the center web hole in of each row to drill the 36.5" wall to the CC wall.



# STEP 5

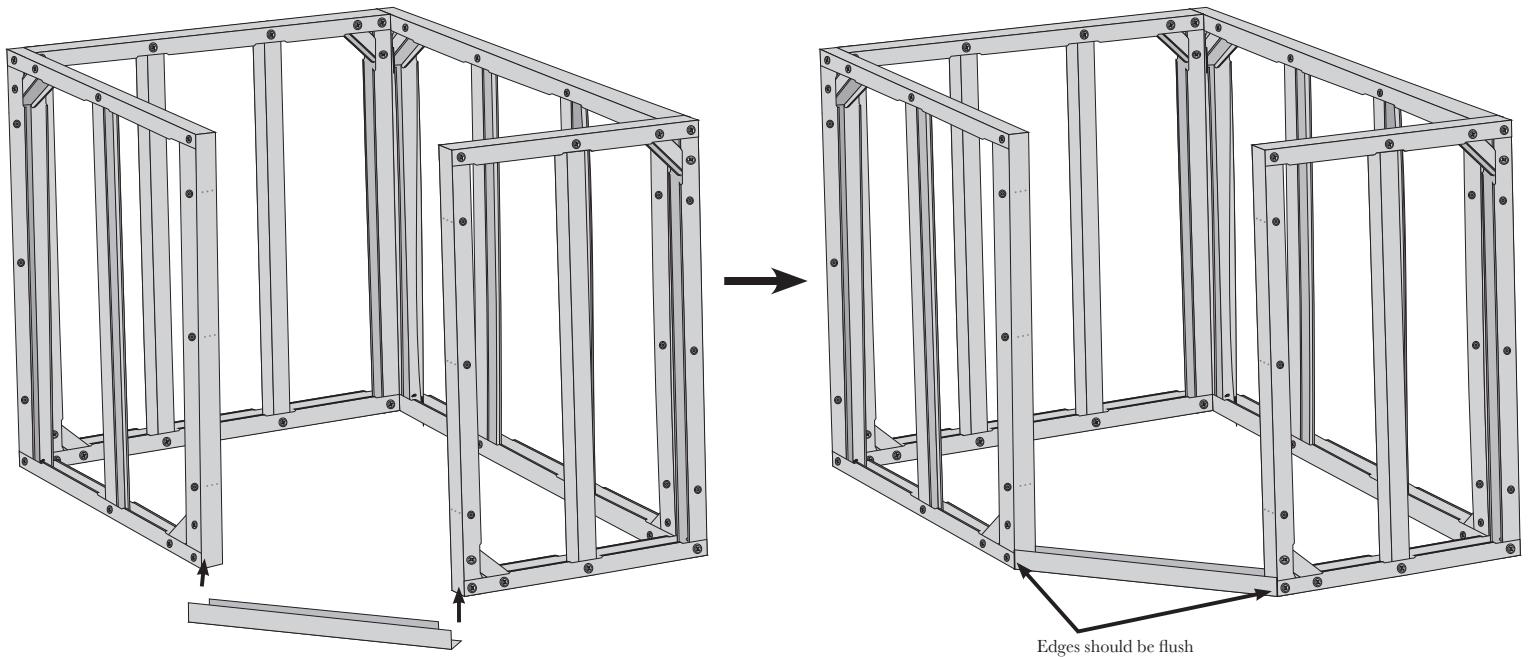
Place the second Cross Channel (CC) wall on the right outside edge of the 39.25" wall and make sure the outer edges are flush. Attach the 39.25" Perimeter wall to the CC wall by drilling at least three (3) screws inside the stud of the 39.25" Perimeter wall.

**Note:** The web holes located on the outer studs of the 39.25" Perimeter wall align with the pre-drilled holes in the CC wall. Use the center web hole in of each row to drill the 39.25" wall to the CC wall.



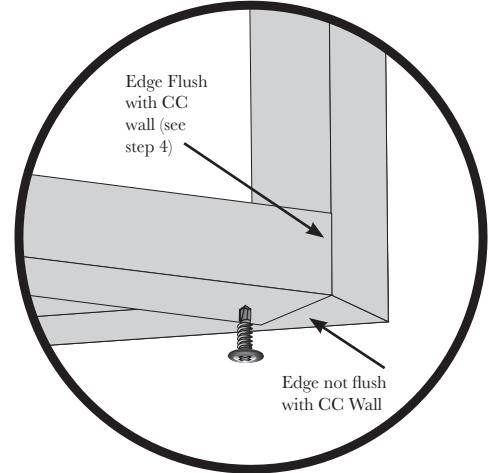
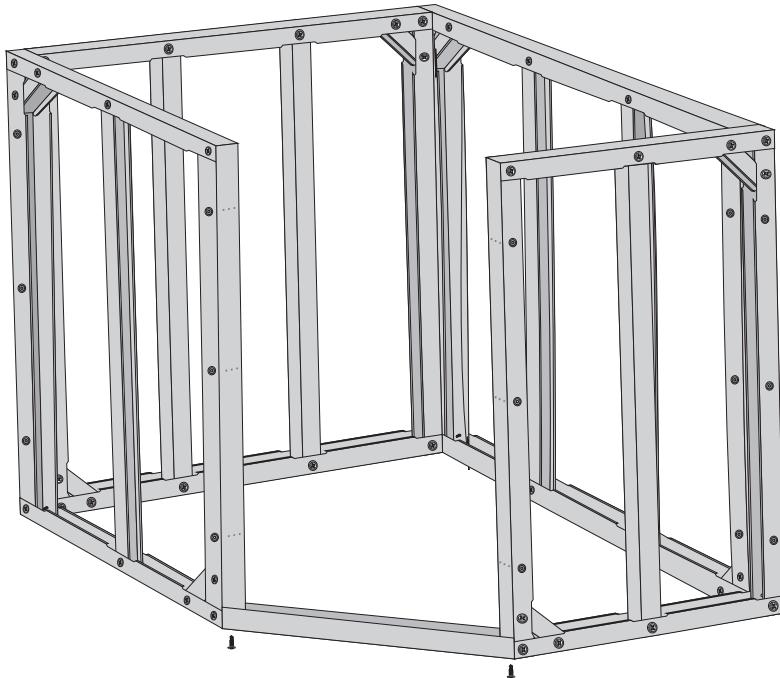
# STEP 6

Place one of the Precut Diagonal Tracks underneath the bottom of the edge of each Cross Channel wall so that the edges of the non-cut edges align flush with the edges of the CC walls.



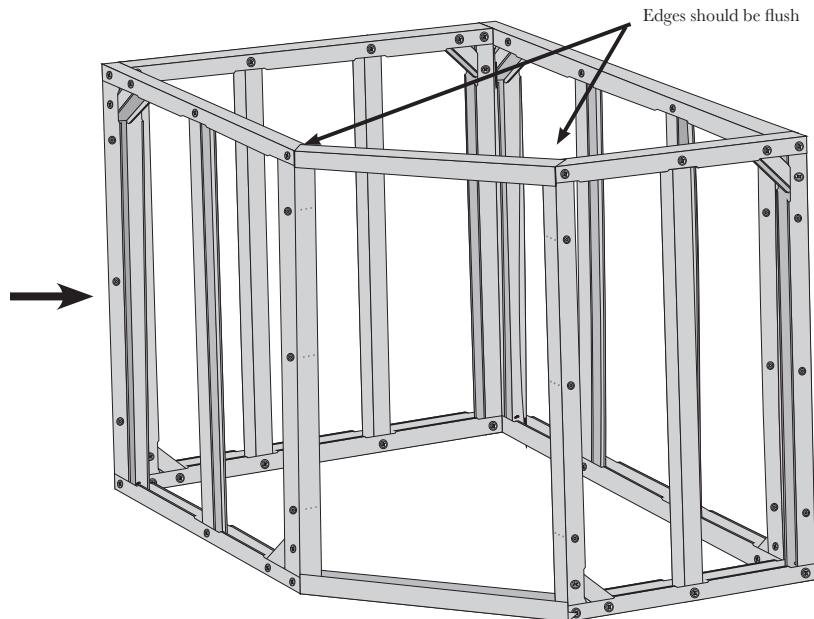
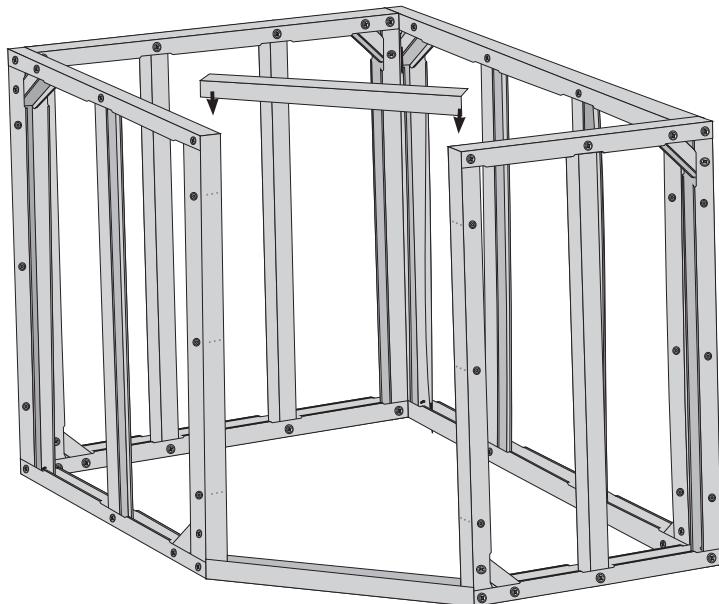
# STEP 7

Attach the bottom Diagonal track to the both Cross Channel walls with one (1) screw under the Diagonal track.  
**NOTE:** The bottom of the Diagonal track will not be flush with the edges of the CC walls. (See Inset)



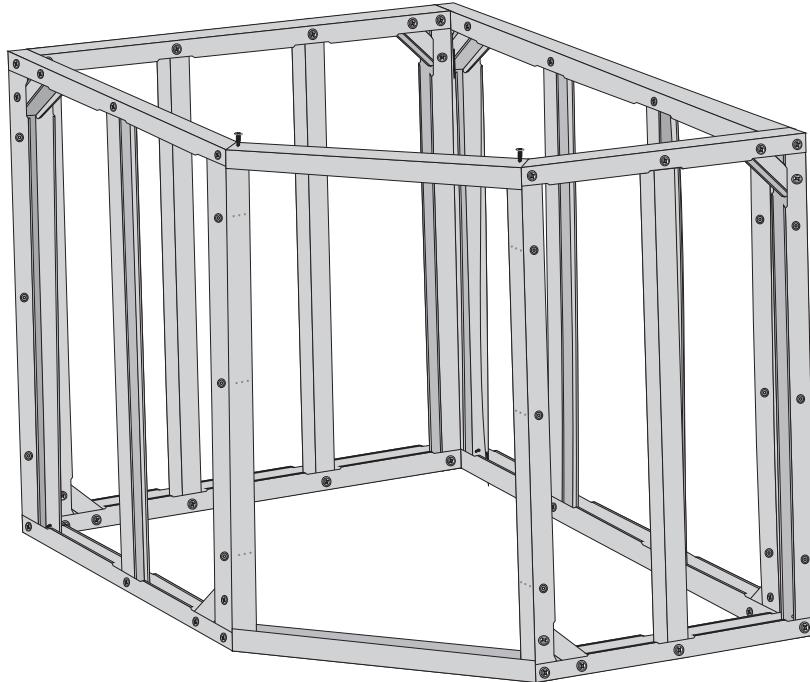
# STEP 8

Place the second Precut Diagonal track along the top edges of the Cross Channel walls as was done with the bottom Diagonal Track.



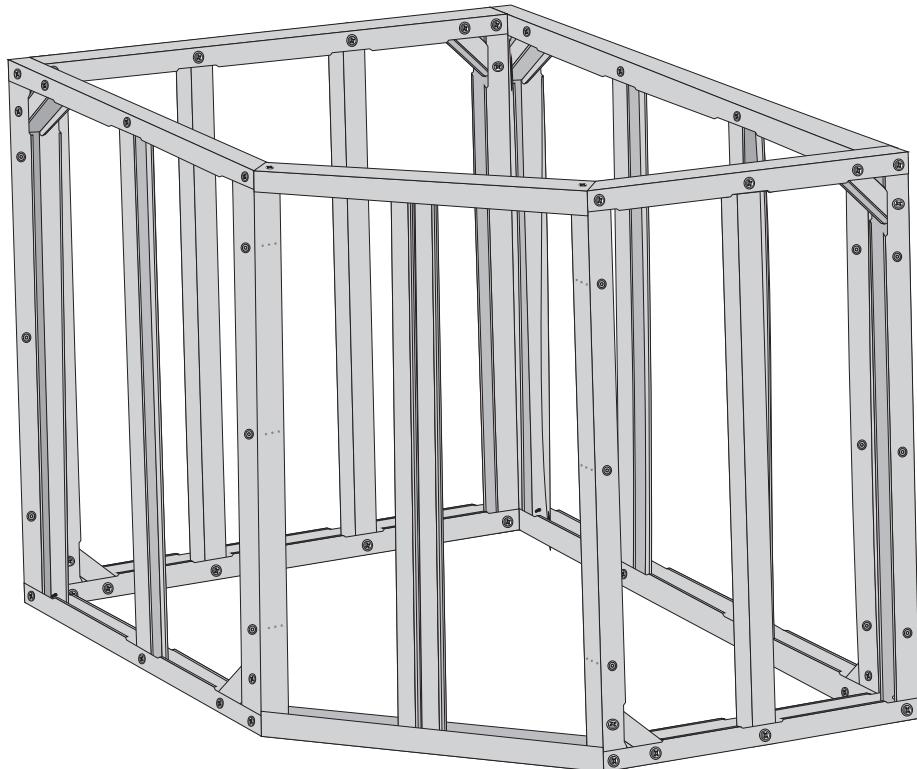
# STEP 9

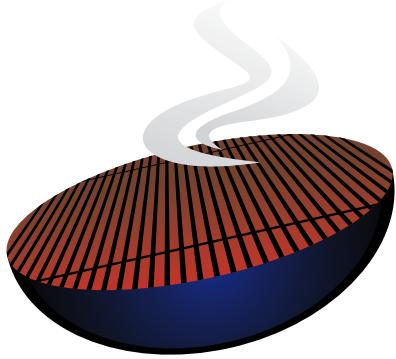
Attach the top Diagonal track to both Cross Channel walls with one (1) screw on top of the Diagonal track.  
**NOTE:** The edges of the Diagonal track will not be flush with the edges of the CC walls.



# STEP 10

You should now have a complete Diagonal Corner Module. If you would like, you may place the additional studs into the center of the diagonal tracks (as pictured). You may drill them into the module for extra support or use them as part of an appliance cutout kit (sold separately).





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