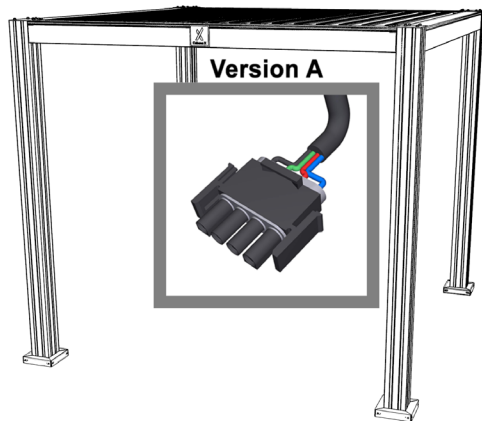
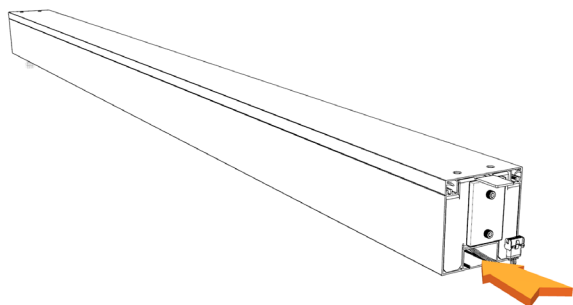


# Assembly: Version A



# 1

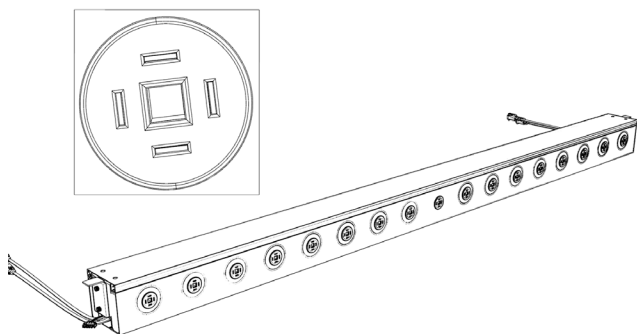
The following procedure will assist you in assembling the Struxure Cabana X Core Plus Version A and Cabanopy.



# 2

Check the T-Slot at the bottom of (1) Beam for Wire Connections.

Note: The Cabanopy System will not have any wires to connect.

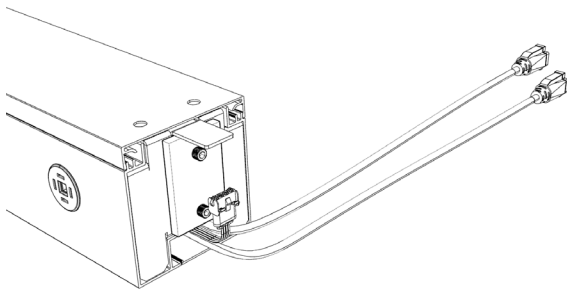


# 3

Identify the Drive Beam, indicated by the Square Holes and the Power Cord.

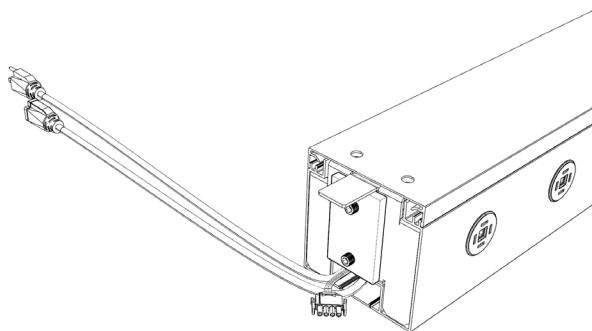
Note: Cabanopy Systems will not have a Drive Beam. A Side Beam will be used in place of the Drive Beam. For Cabanopy instructions skip to Step 7.

# Assembly: Version A



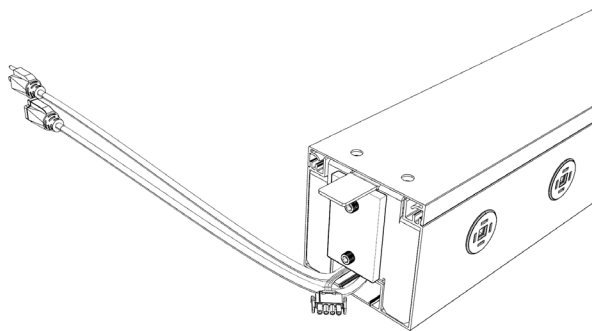
## 4

There are multiple cords stored within the channel under the plastic cap of the Drive Beam. There are (2) female 3 prong plugs on the right side of the Drive Beam. (1) Female plug will plug into the male 3 prong plug coming from the LED Controller inside the top of the back right Post. The other female plug will be used for the Power Panel Enhancement option. If the Power Panel is not being installed, tuck these female plugs into the 3x3 center of the Post.



## 5

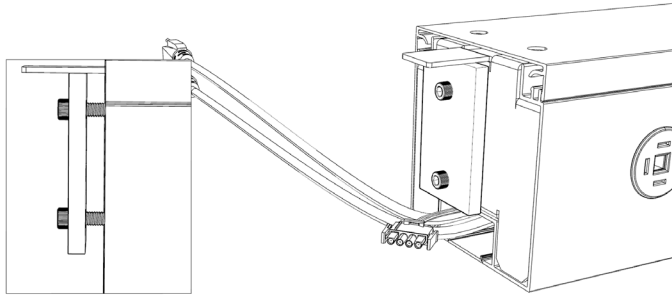
There is (1) male 3 prong plug and (1) female 3 prong plug on the left side of the Drive Beam. The male 3 prong plug will plug into the extension cord included in the hardware kit and connect to a wall outlet.



## 6

The female plug is used for the Power Panel Enhancement option. If the Power Panel is not being installed, tuck the female plug into the 3x3 center of the post.

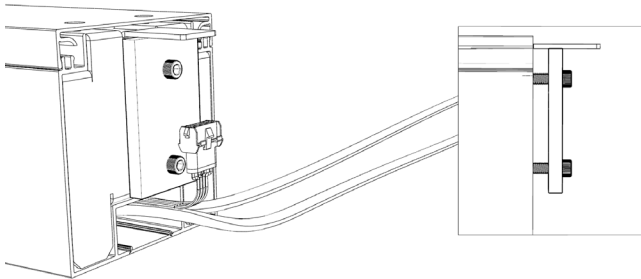
# Assembly: Version A



# 7

Loosen (1) Filler Block on the Drive Beam by loosening (2) Filler Block Bolts.

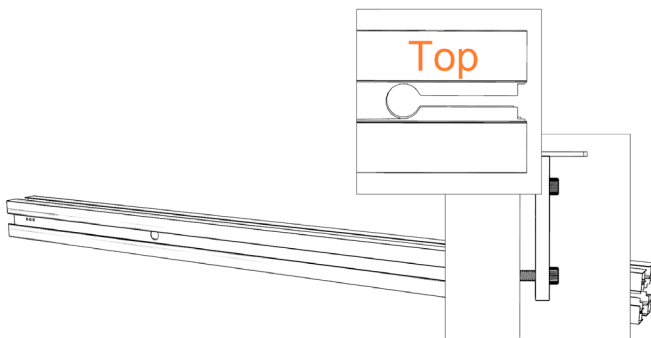
Note: There should be a gap between the Block and the Beam for the Post to slide into.



# 8

Loosen (1) Filler Block on the Drive Beam by loosening (2) Filler Block Bolts.

Note: There should be a gap between the Block and the Beam for the Post to slide into.



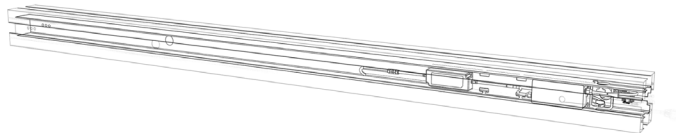
# 9

Determine the top and the bottom of the Posts.

## 10

Find the Post with Node 1 indicated by the orange circle sticker. This will be the Post without an LED Light Strip.

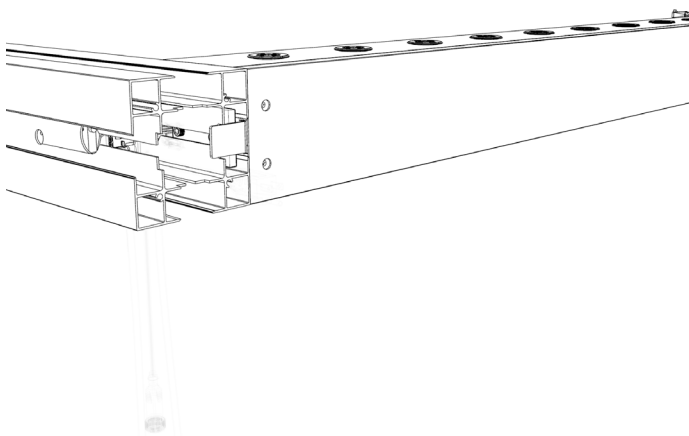
Note: Ensure the Node Post is located in the back right of the Assembly.



## 11

Slide the Drive Beam into the top of the Post that contains the Node by aligning the Filler Block with the T-slot in the Post. Ensure that the Power Cords and LED Connector enter the 3x3 center of the Post. When the flange contacts the top of the Post, that indicates that the Post is in position.

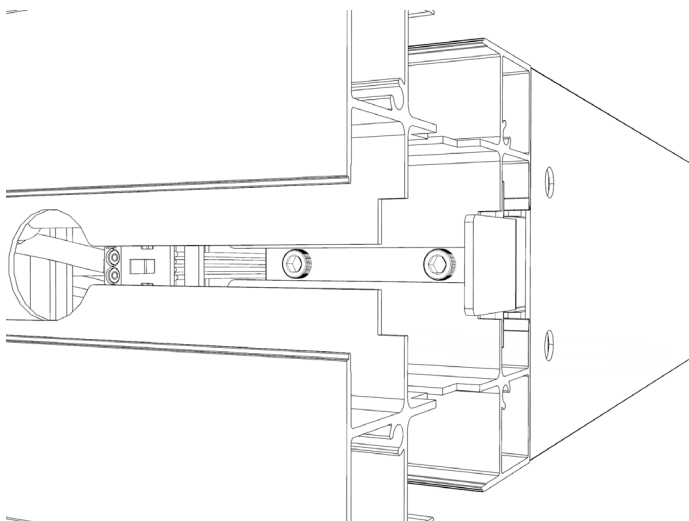
Note: Ensure the Node Post is located in the back right of the Assembly.



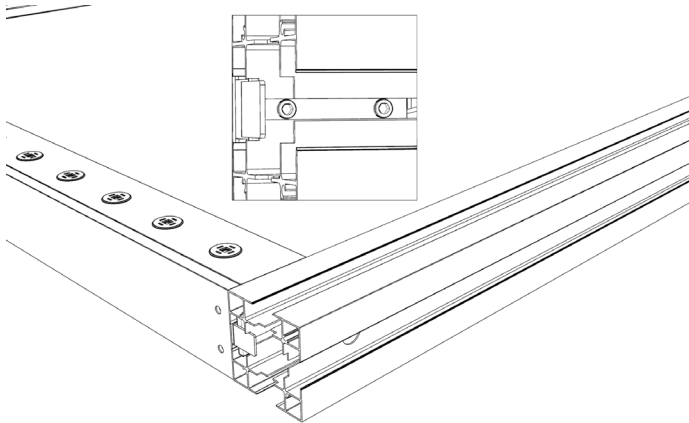
## 12

Use an Impact Wrench to tighten the Filler Block to the Post.

Note: Keep the faces flush while tightening with the Impact Driver.

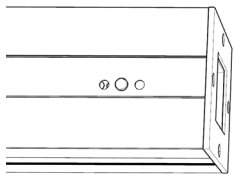


# Assembly: Version A



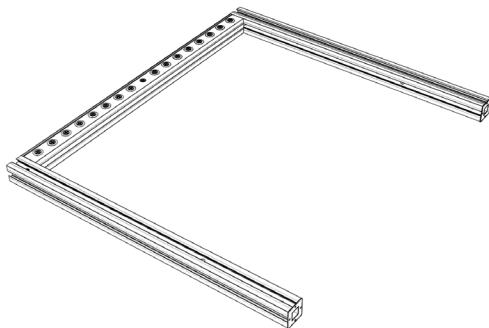
## 13

Repeat the previous steps to attach a second Post to the Drive Beam. Ensure that the Power Cord and the LED Connector enter the 3x3 center of the Post.



## 14

Insert (1) Footer into the bottom of each Post.  
Note: Footers must be inserted only after the Post and Beams are attached to ensure the connection is square. Return to Step 3 if this is not yet complete.



## 15

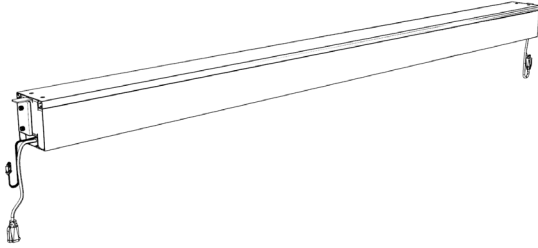
At this point (1) Drive Beam Assembly Frame should be built.

Note: Ensure the Node Post is located in the back right of the Assembly.

# Assembly: Version A

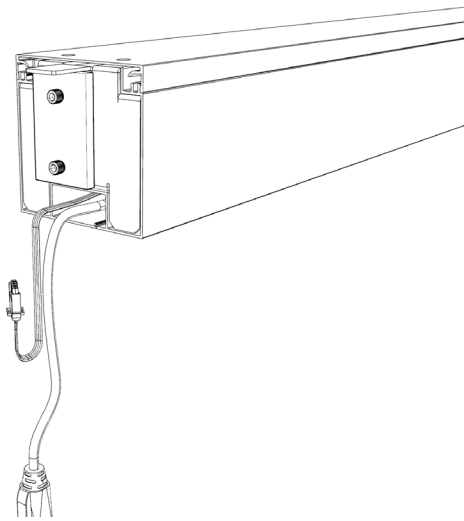
## 16

Loosen (2) Filler Blocks on (1) Side Beam by loosening (4) Filler Block Bolts. Loosen enough to allow clearance for the T-slot in the Post. Repeat this step for the remaining Side Beam.



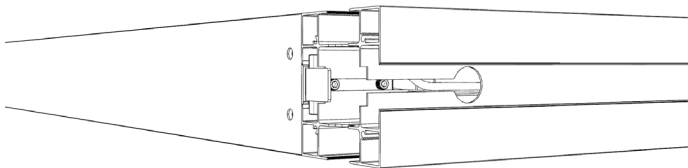
## 17

Locate the Male Connector on the Side Beam.



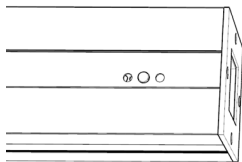
## 18

Slide the Male Connector side of the Side Beam into (1) Post, then tighten the Filler Block to the Post. Repeat this step for the remaining Side Beam and Post.



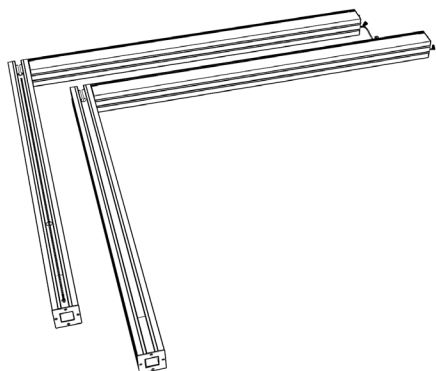
## 19

Insert (1) Footer into the bottom of the Post. Repeat this step for the remaining Post.



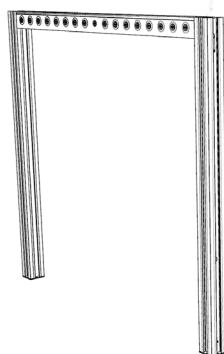
## 20

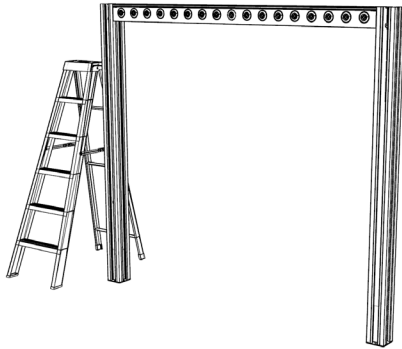
At this point (2) "side L" Frames should be built.



## 21

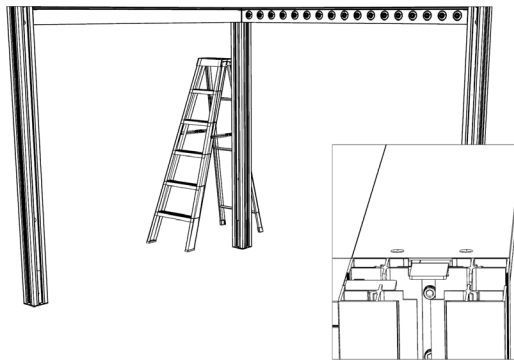
With the help of another person, slowly walk the Drive Beam Assembly to an upright position.





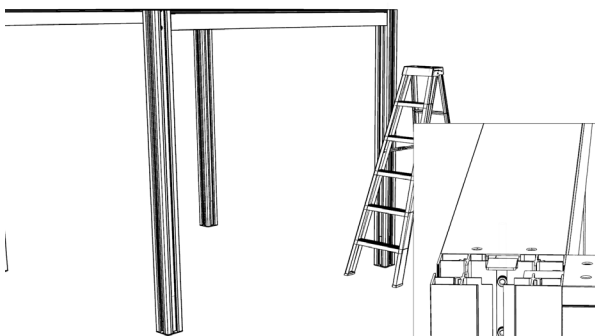
## 22

Place a Ladder on either side of the Drive Beam Assembly.



## 23

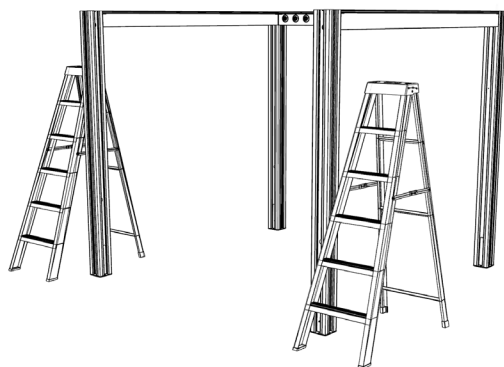
One person will raise the first “side L” Frame, while another person climbs the Ladder at a corner of the Drive Beam Assembly to connect the Beam of the “side L” Frame to the Post of the Drive Beam Assembly. Ensure that the LED Connector and Power Cord enter the 3x3 center of the Post. Once the “side L” Frame is in place, tighten the Filler Block to the Post.



## 24

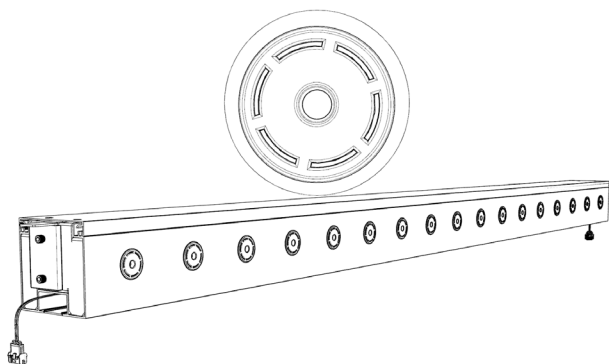
Repeat the previous steps to secure the remaining “side L” Frame. Ensure that the LED Connector enters the 3x3 center of the Post.

# Assembly: Version A



## 25

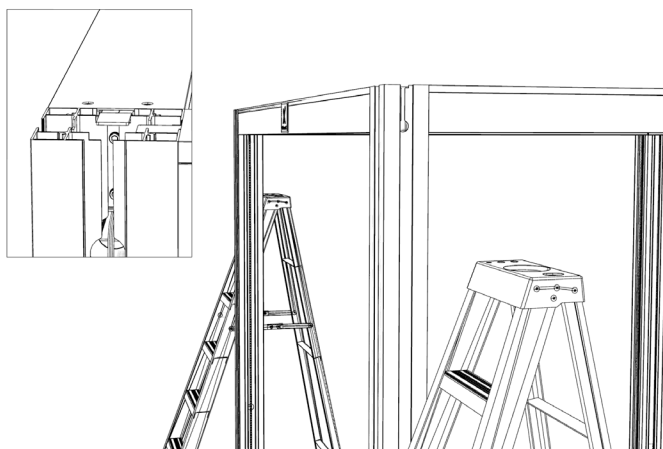
Place both Ladders at the corners where the Idler Beam will connect to the Assembly.



## 26

Identify the Idler Beam and loosen (1) Filler Block on each side.

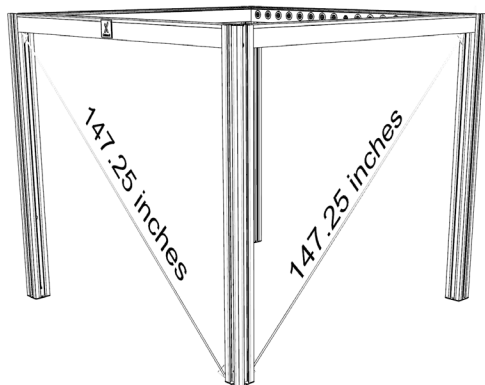
Note: The Cabanopy System will not have an Idler Beam, a Side Beam will be used in its place.



## 27

Each person will grab one end of the Idler Beam and slowly walk it up their respective Ladders, raising it above the Posts and then carefully sliding it down into position. Ensure the LED Connections enter the 3x3 center of the Posts. The Filler Blocks should align with the T-slots and the Flanges should contact the Posts. Once the Idler Beam is in place, tighten the Filler Block Screws to the Filler Blocks on both sides of the Idler Beam.

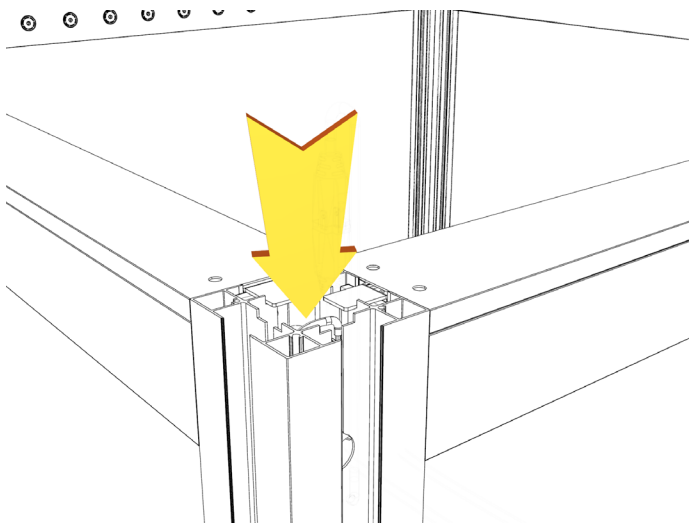
# Assembly: Version A



## 28

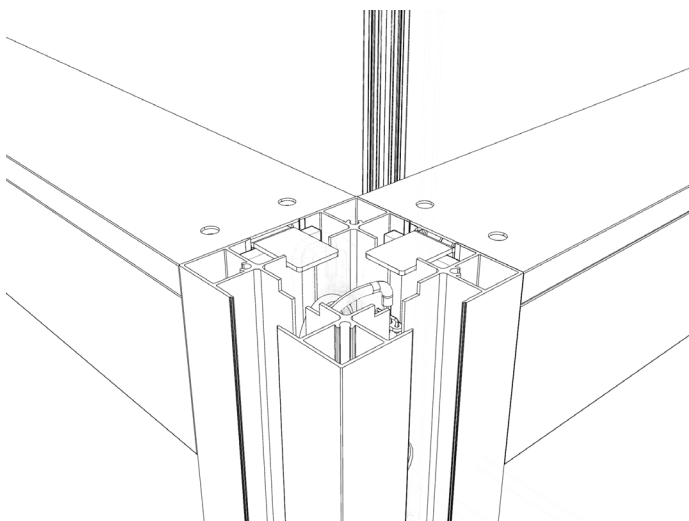
Ensure the Assembly is square by measuring the space between each Post. The diagonal measurement between each post should be 147.25in wide.

The following steps will assist in Wiring the CabanaX Core Plus, for Cabanopy owners skip ahead to step 35.



## 29

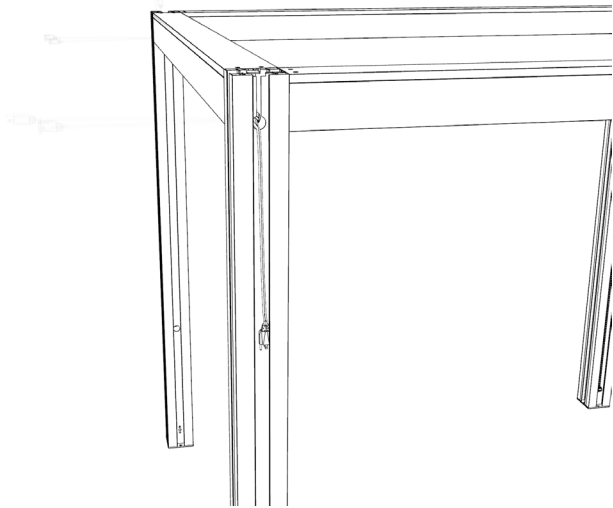
Connect Node 1, in the back right Post, to the Drive Beam Extension Cord. Then, tuck the Cords into the 3x3 center of the Post.



## 30

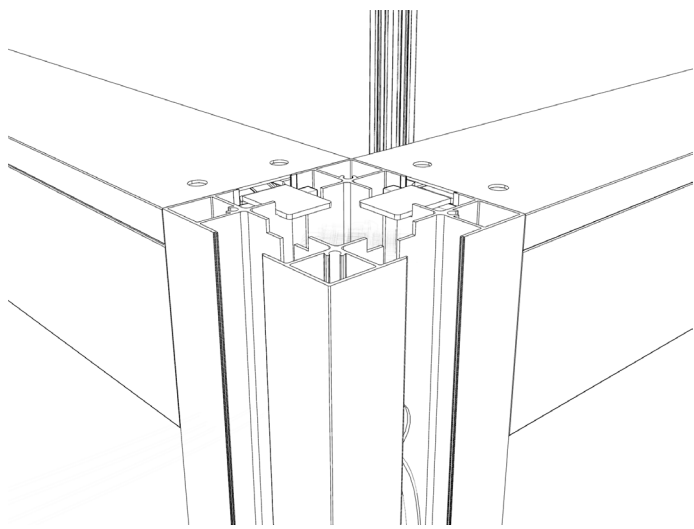
Connect the LEDs from the Side Beam and the Drive Beam to Node 1. Slide the Wires into the 3x3 center of the Post.

# Assembly: Version A



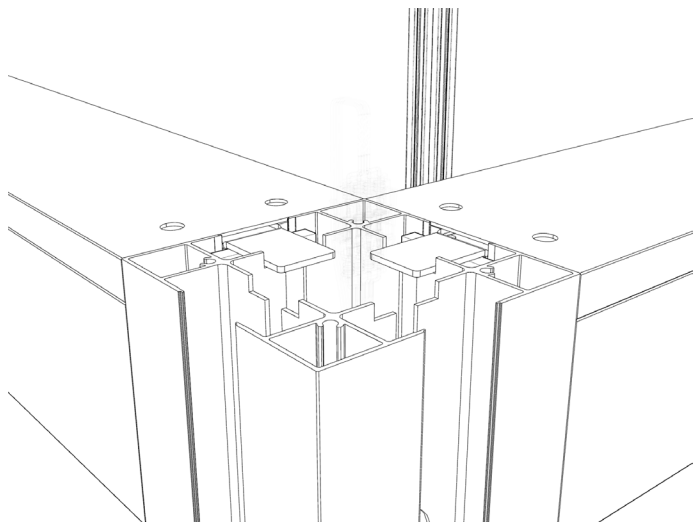
## 31

Thread (1) male Power Cord from the Drive Beam through to the outside of the Post.



## 32

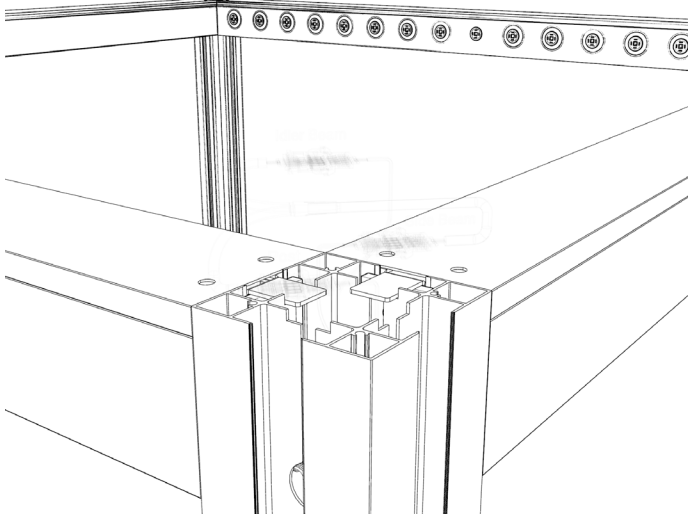
Connect the remaining Side Beams LED Light Strip to the Drive Beam.



## 33

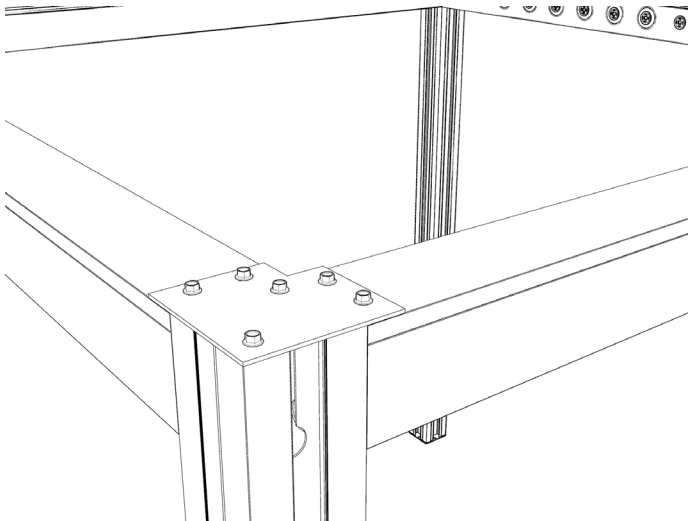
Connect the LED Light Strips from the Side Beam to the LED Light Strip (Post).

# Assembly: Version A



## 34

Connect the Side Beam LED Light Strip, the Post LED Light Strip, and the Idler Beam LED Light Strip to the Y-Splitter.



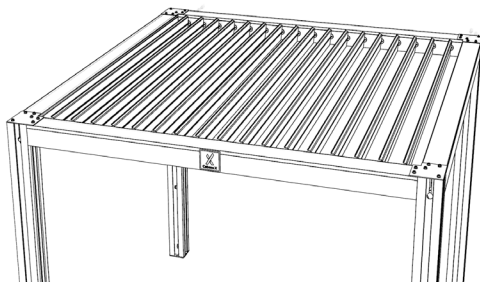
## 35

Use an Impact Wrench to attach (1) Post Cap to the Assembly using (6) Post Cap Screws. Tighten the Screws until the Cap is fully secured onto the Post. Repeat this step for all Posts.

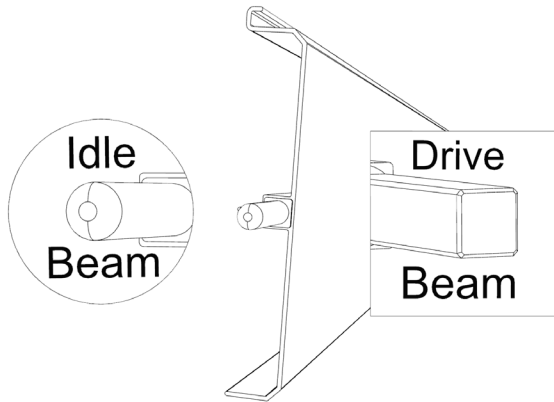


## 36

The following steps will assist you with assembling the Dynamic Louvers. This model Cabana has alternative roof styles. Continue to the next step to assemble the Louvers.

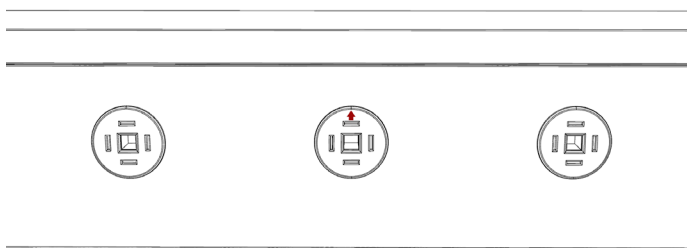


# Assembly: Version A



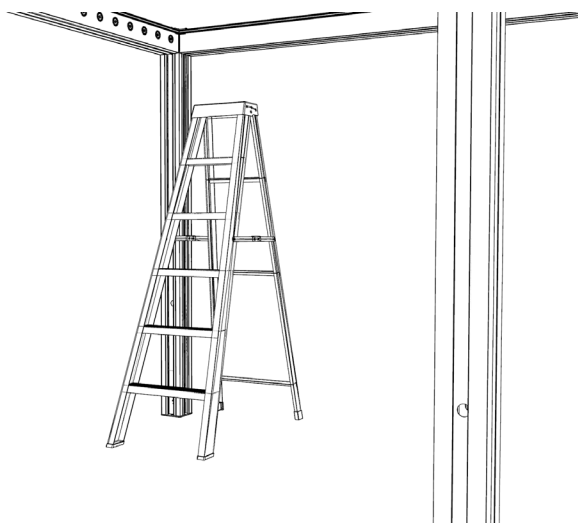
## 37

Each Louver has a Square Pin and a Round Pin that correspond with the Square Holes and Round Holes in the Beams.



## 38

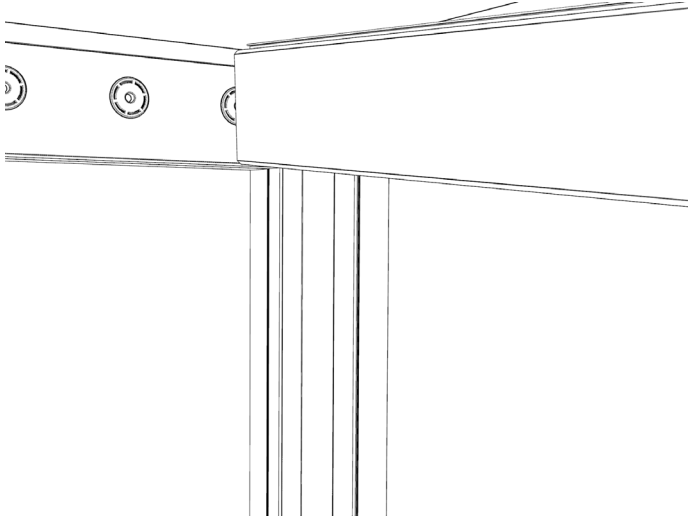
Ensure that the red arrow on the center cog of the Drive Beam is pointed straight up before installing the Louvers. Ensure that the Louvers are installed in the orientation shown here.



## 39

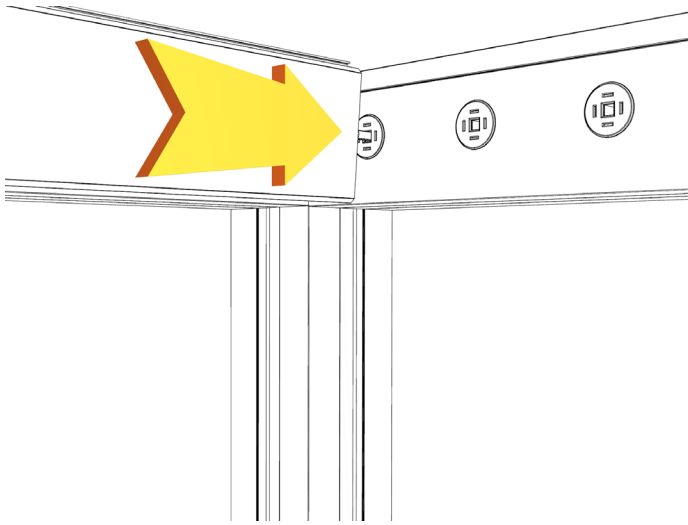
Position (1) Ladder inside the Assembly at one end of the Idler Beam. One person will stand on the Ladder and insert the Louvers while the second person passes them up.

# Assembly: Version A



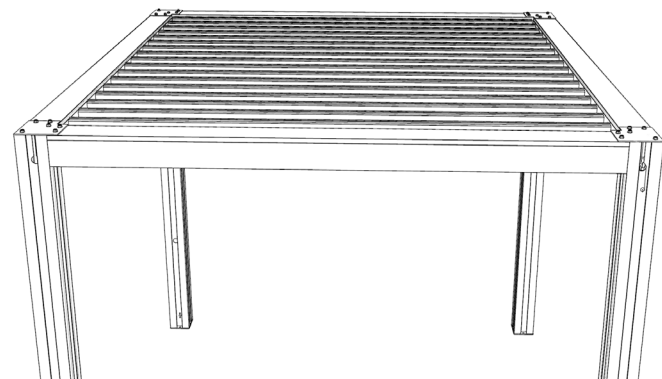
## 40

Place the Round Pin of (1) Louver into one of the Round Holes of the Idler Beam until flush.



## 41

Place the Square Pin of the Louver into the corresponding Square Hole of the Idler Beam.

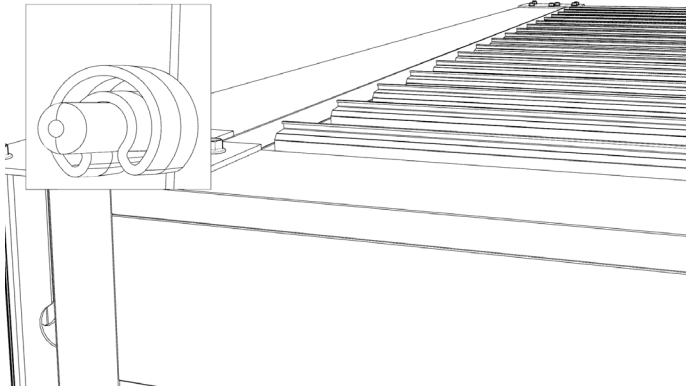


## 42

Repeat the previous steps for the remaining Louvers.

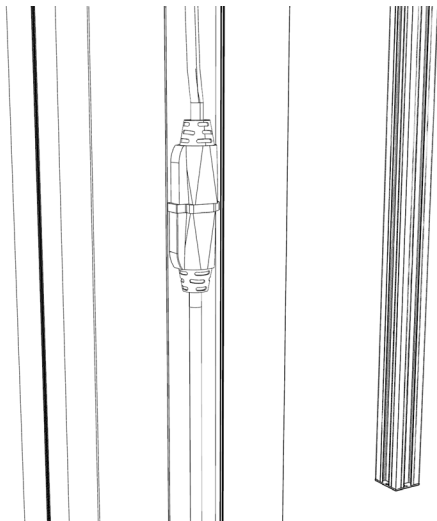
## 43

Secure each Louver by placing a Louver Clip and mounting it to the Round Pin of the Louver. This enables the Louvers to pivot without coming out.



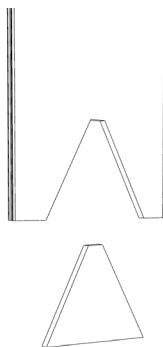
## 44

Connect the Extension Cord to the Power Cord in the Drive Beam.

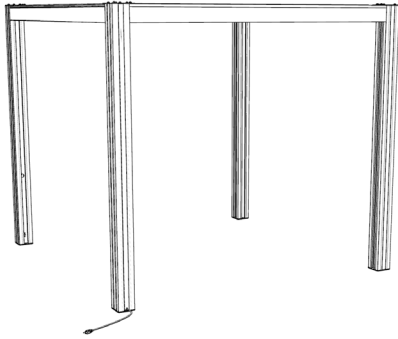


## 45

Notch the bottom of (1) 102in Trim Cap in a “V” shape so that the Extension Cord doesn’t pinch.

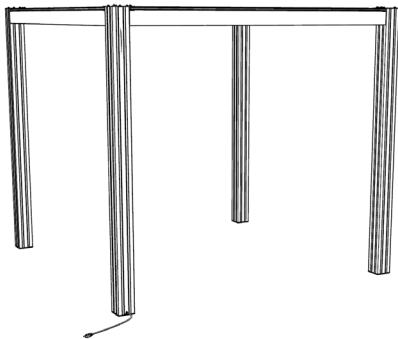


# Assembly: Version A



## 46

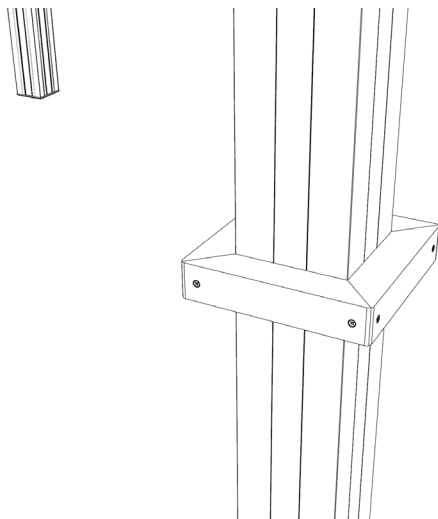
Attach (2) 102in Trim Caps to the exterior of each Post.



## 47

Attach (2) 92in Trim Caps to the interior of each Post.

Note: If you are installing Side Panels or Curtains, please skip this step.

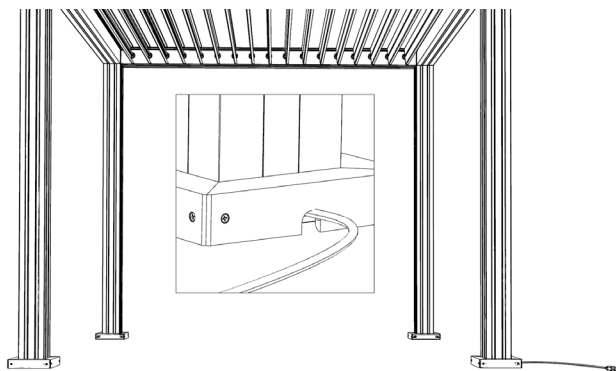


## 48

Attach (1) Post Base Cover to (1) Post Base Assembly around (1) Post using (2) L-Bracket Screws. Repeat this step for each Post.

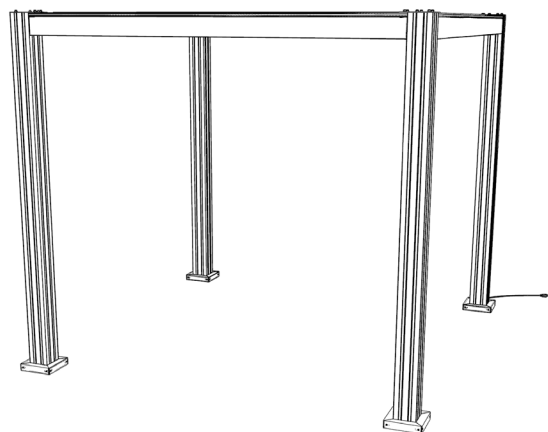
Note: The Post Base Power Cover will cover the Extension Cord.

# Assembly: Version A



## 49

Slide the Base Covers down the Posts. Ensure that the Base Footer is fully covered.  
Important: Ensure the Power Cord is covered by the Post Base Power Cover.



## 50

Congratulations, this completes the assembly of the Struxure Cabana X Core Plus and Cabanopy Systems.