

The Louvre Lounge



ShadeTec Instruction Manual
(4x4m Wall-Mounted)

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ATTENTION: Read this instruction manual thoroughly before starting installation.

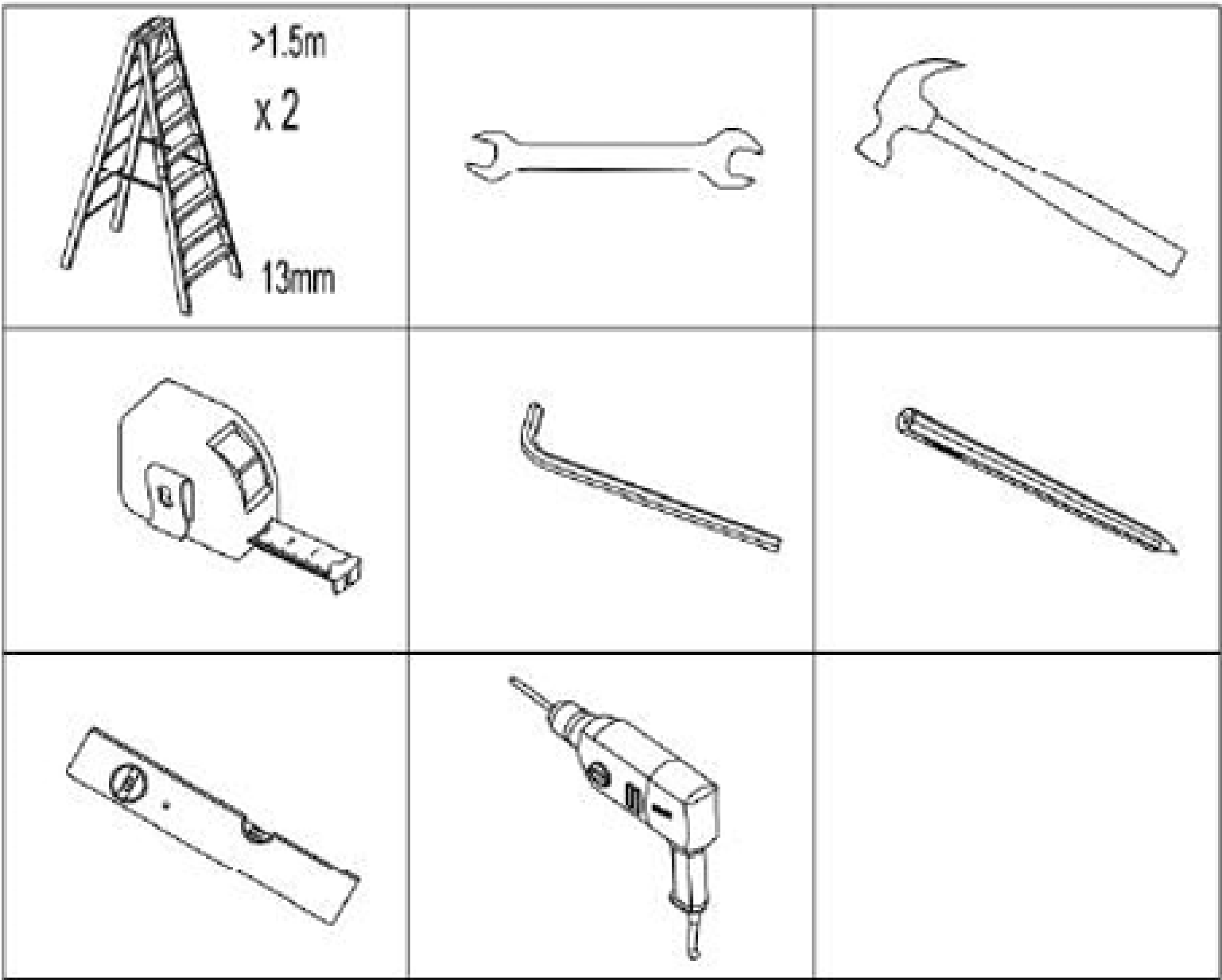
First of all, thank you for choosing Louvre Lounge to spice up your outdoor space. Please make sure you've thoroughly studied the instruction manual before starting installation.

If you have any questions during the installation process, please email us at help@louvrelounge.co.nz.

REQUIRED TOOLS & MAN FORCE

Tools:

- 1. Ladder
- 2. Tape Measure
- 3. Pencil
- 4. Spirit Level
- 5. Rubber Mallet
- 6. Electric Drill (10mm drill bit)
- 7. 13mm Hex Wrench
- 8. 17mm Hex Wrench



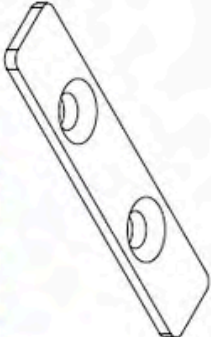
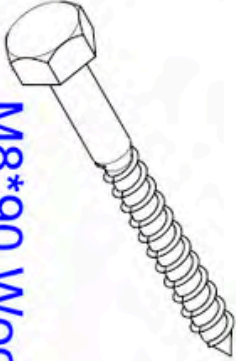


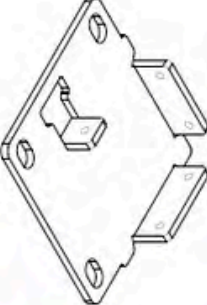




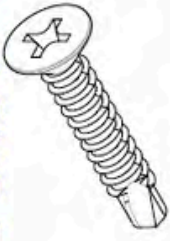

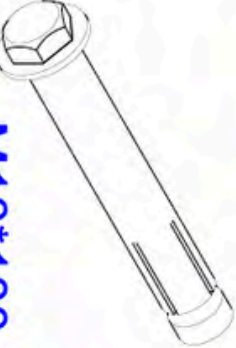





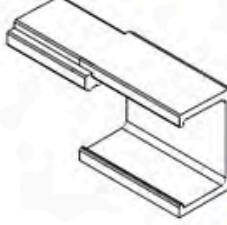

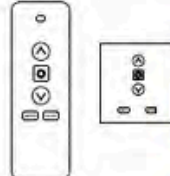
Man Force

We recommend installing the Louvre Lounge with 2-3 people although having a third person would make the installation quicker.

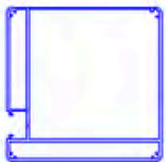
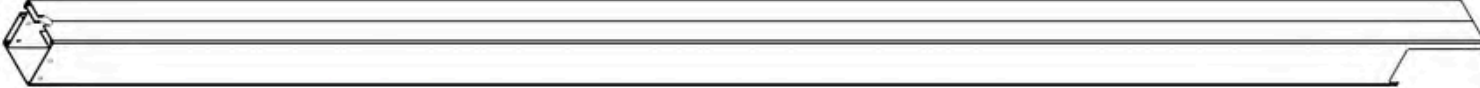



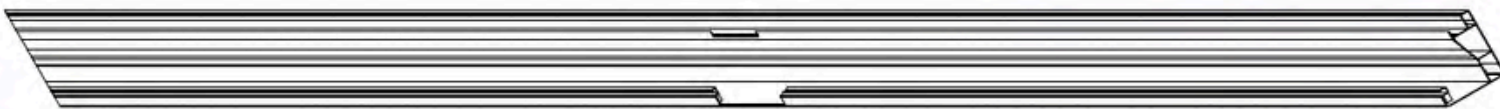

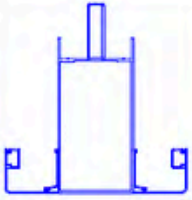
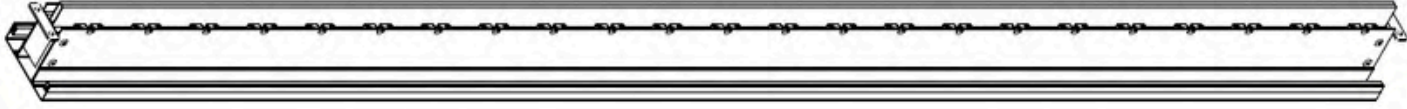

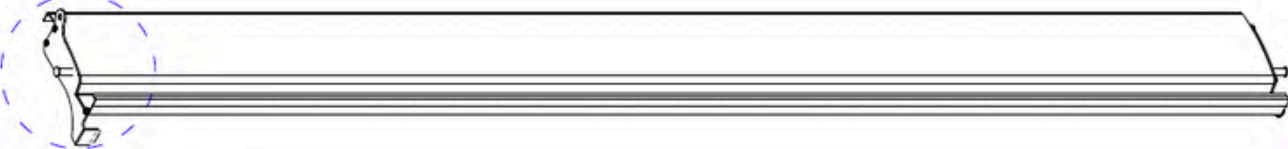
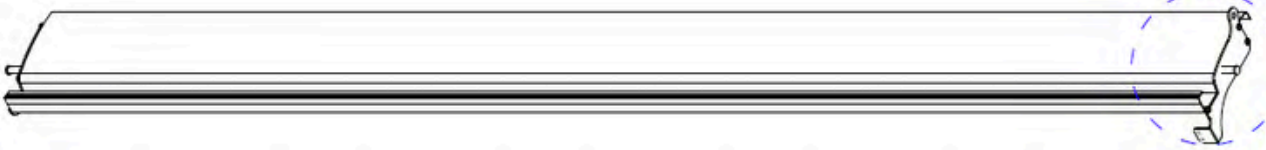
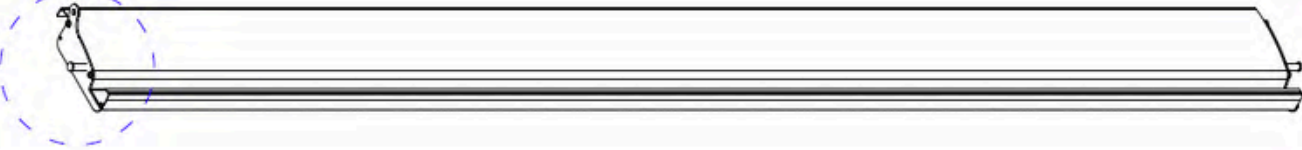
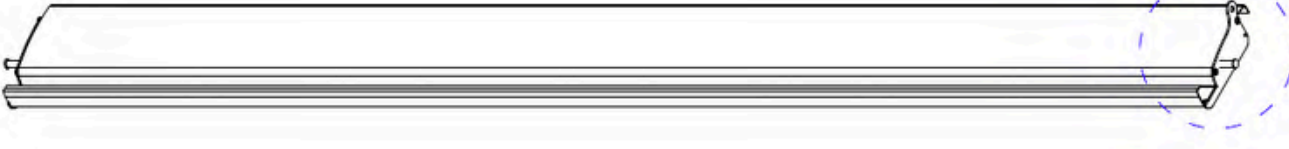




PARTS LIST

Before commencing the installation, please confirm all parts are present. Email us at help@louvrelounge.co.nz if you have any issues.

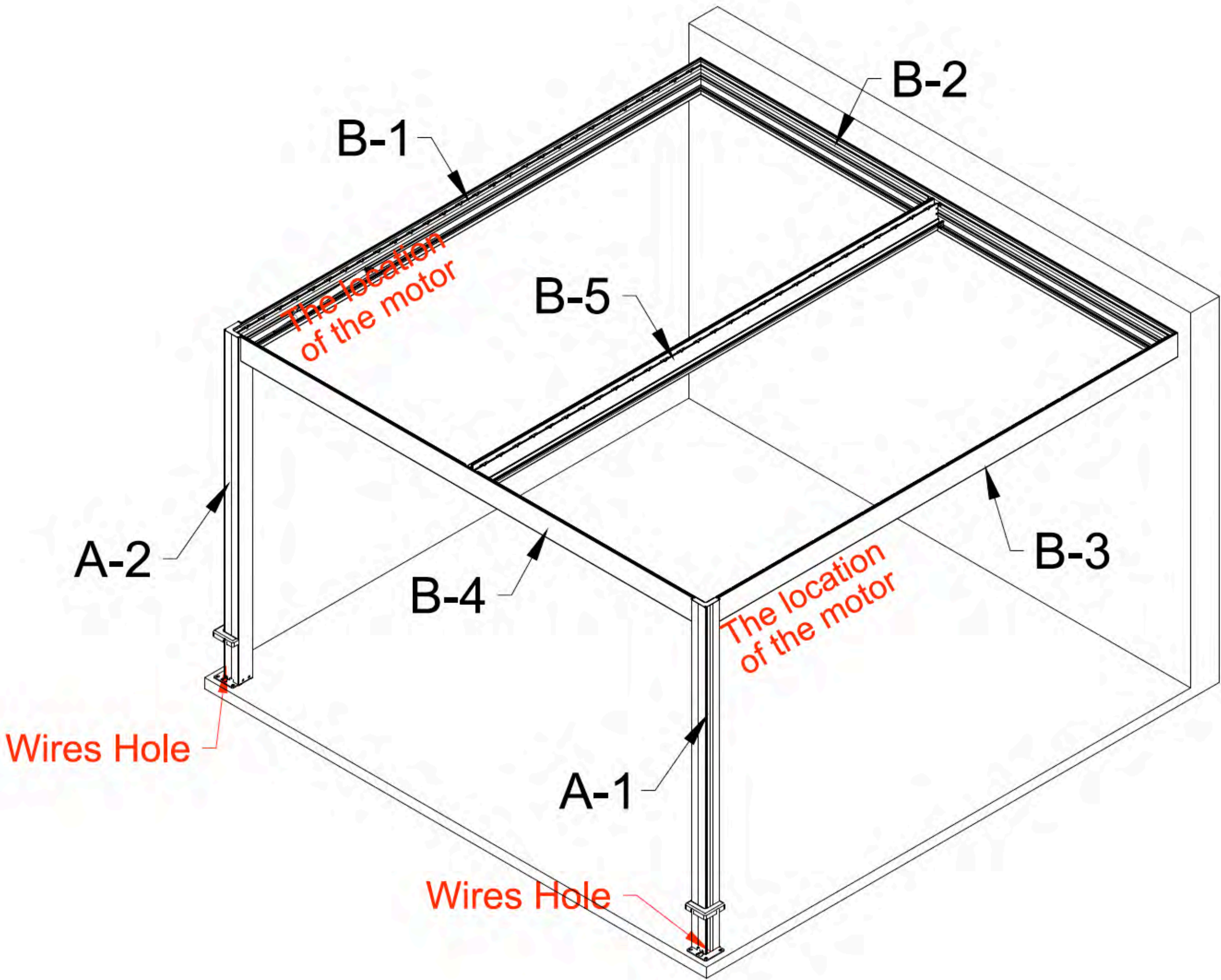
①	 Sealing plugs x 6	⑥	 M8*25 Hex Screws (With Washer) x 8	⑪	 Shaft Holder Gland x 108
②	 M8*90 Wood Screw x 6	⑦	 M8*35 Hex Screws (With Washer) x 8	⑫	 M5*16 Countersunk Screws x 216
③	 Base Plate x 2	⑧	 L Post Top Cover x 2	⑬	 Post Corner Extension Piece x 2
④	 M8*14 Hex Screws (With Washer) x 12	⑨	 4.2*16 Flat Head Screw x 6	⑭	 4.2*19 Drilling Screws x 4
⑤	 Base Plate Cover x 2	⑩	 M10*100 Anchor Bolt x 6	⑮	 M6*5 Hex Thumb Screw x 54

⑬	 End cap for Motor Connecting Louvre x 2
⑭	 M8*20 Hex Screws (With Washer) x 4
⑮	 Beam Corner Extension Piece x 4
⑯	 Expansion plugs x 6
⑰	 Remote Control + Control panel x 2

PARTS LIST

A-1 A-2			x 2 Post
B-1			x 1 Beam & Gutter(with shaft holder) + Motor
B-3			x 1 Beam & Gutter(with shaft holder) + Motor
B-2			x 1 Beam & Gutter
B-4			x 1 Beam & Gutter
B-5			x 1 Middle Beam & Gutter
C-1a			x 1 Motor Connecting Louvre (Left)
C-1b			x 1 Motor Connecting Louvre(Right)
C-2a			x 26 Louver(Left)
C-2b			x 26 Louver (Right)
D			x 2 Control Rod
E			x 2 T-Slot Cover

PARTS LIST



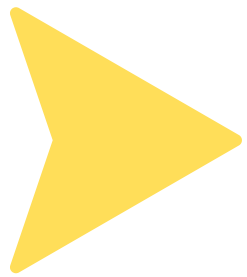
SAFETY DISCLAIMER'S

WARNING: For the safety of yourself and others, it is essential to follow all instructions and obey warnings.

Definitions:



This warning triangle calls attention to hazards that that can lead to death, severe injuries or which are important for the functioning of the Pergola.



This symbol identifies important notes.

Safety Disclaimer's

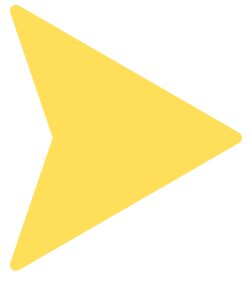


To install this pergola technical knowledge is necessary. Do not install this pergola yourself instead, contact a professional if:

1. You are unsure if the pergola can be installed in the chosen spot for installation.
2. You do not understand the instruction manual or parts of it.
3. You do not have the necessary tools available.
4. You do not have the necessary technical knowledge



A minimum of three healthy adults are required to move and install the pergola as the product is big and heavy. Do not try to install the pergola alone. If the pergola falls, it could cause serious injuries and damages! Contact us or a professional for help.



Do not install the pergola when you find damaged parts or parts that are missing. Contact us.



Keep children and pets out of the working area during assembly and adjustments.



This product and its fixing parts are only suitable for installation on a plain flat cement pad. If the concrete pad shows cracks or you require installation on a wooden deck, please consult a professional before installation.



Nobody is permitted to change the pergolas' design and structure without the permission of us (Louvre Lounge Limited).



Nobody is allowed to climb onto the Pergola. Hanging anything on the Pergola is forbidden.

The sheeting used to protect the paint must be removed after installation. This structure is a non-permanent structure, the warranty does not cover damage incurred under extreme weather conditions including heavy rain, high winds or if exposed to high heat from heaters or BBQs. Please refer to the warranty policy for more information.

Safety precautions should always be followed when assembling and using this product to reduce the risk of personal injury and damage to equipment. Never leave children unattended around/under this pergola. Do not attempt to assemble or use the pergola in moderate or heavy wind conditions.

Always secure the pergola and keep the louvres open during heavy winds or extreme weather to avoid damage to the pergola or personal injury.

PREASSEMBLY TIPS

Wiring Placement

To ensure the optimal placement of the power plug that supplies the pergola with electricity, it is recommended that the following guidelines be taken into consideration:

The motor will be mounted specifically on beam B-2. Consequently, the most suitable location for the plug would be the post (A-2) that is nearest to the motor mounting point.

Post Covers

This kit includes base plate covers. While not a mandatory component, the covers offer a neat appearance once the pergola has been secured to its foundation.

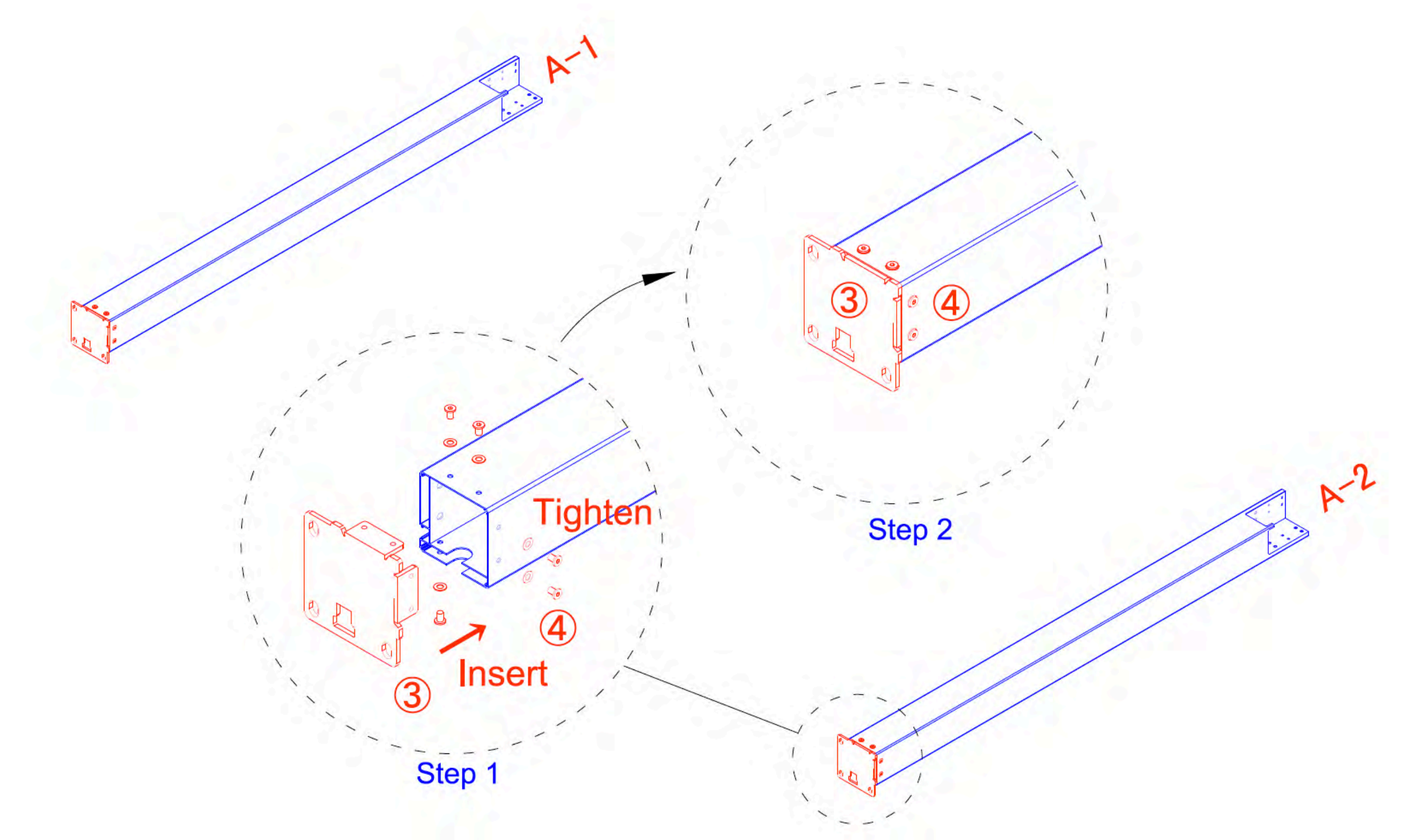
Silicone Sealant

We recommend sealing all gutters with Silicone sealant to ensure longevity and maximum water protection.

INSTALLATION

Step 1:
Align each Base Plate (3) with the x4 holes on each post. Fix the base plates in place with x5 M8*14 Hex Screws (4) per post.

③		x 2	A-1		x 2
④		x 10	A-2		

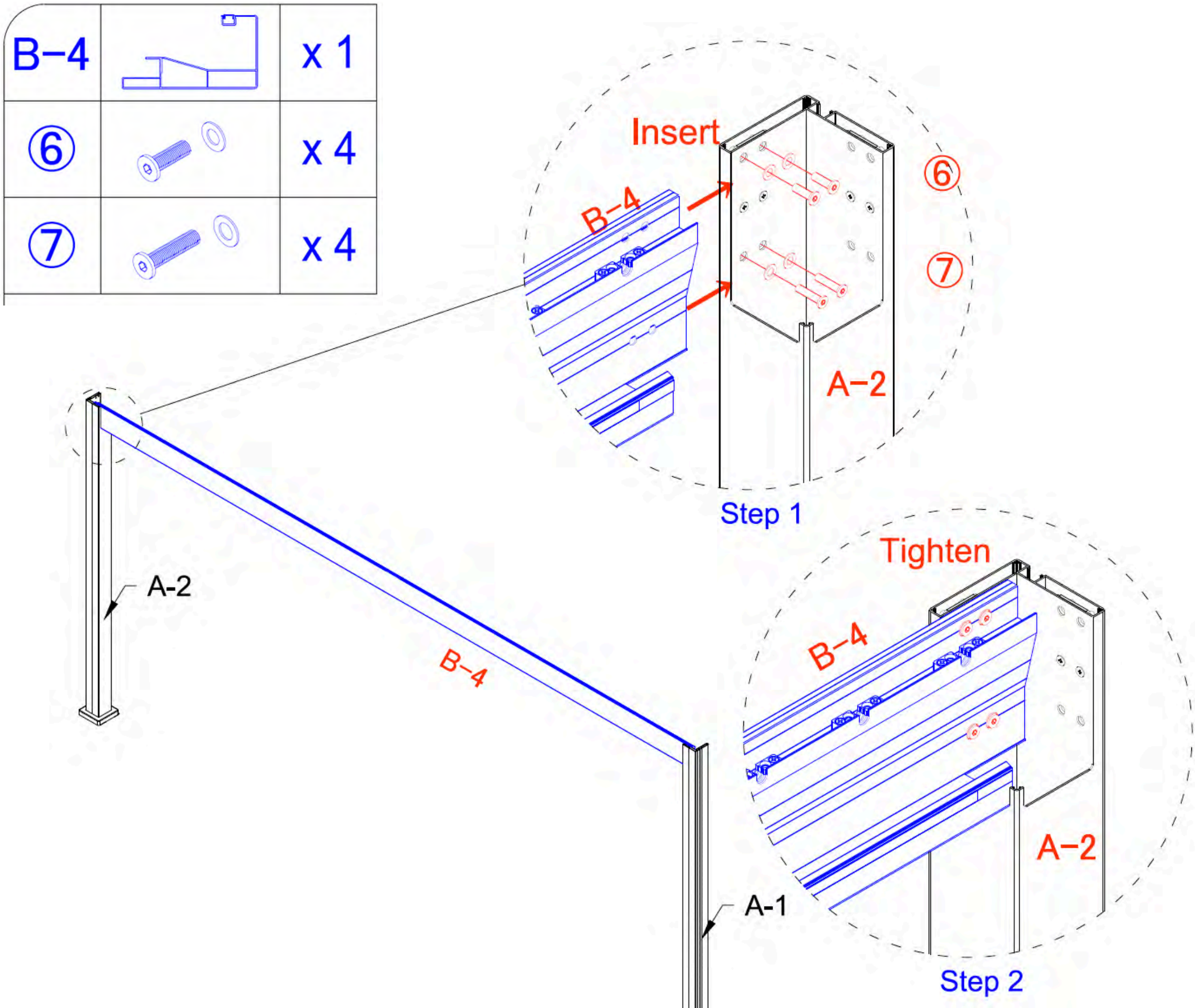


INSTALLATION

Step 2:
Insert the Beam and Gutter (B-4) into the posts as per the diagram below.

Fix the Beam and Gutters to the posts using both M8*25 Hex Screws (6) and M8*35 Hex Screws (7). Tighten to secure in place.

Note: Hex Screws (6) are screwed in the top two holes while Hex Screws (7) are screwed in the bottom two holes of each post.




INSTALLATION

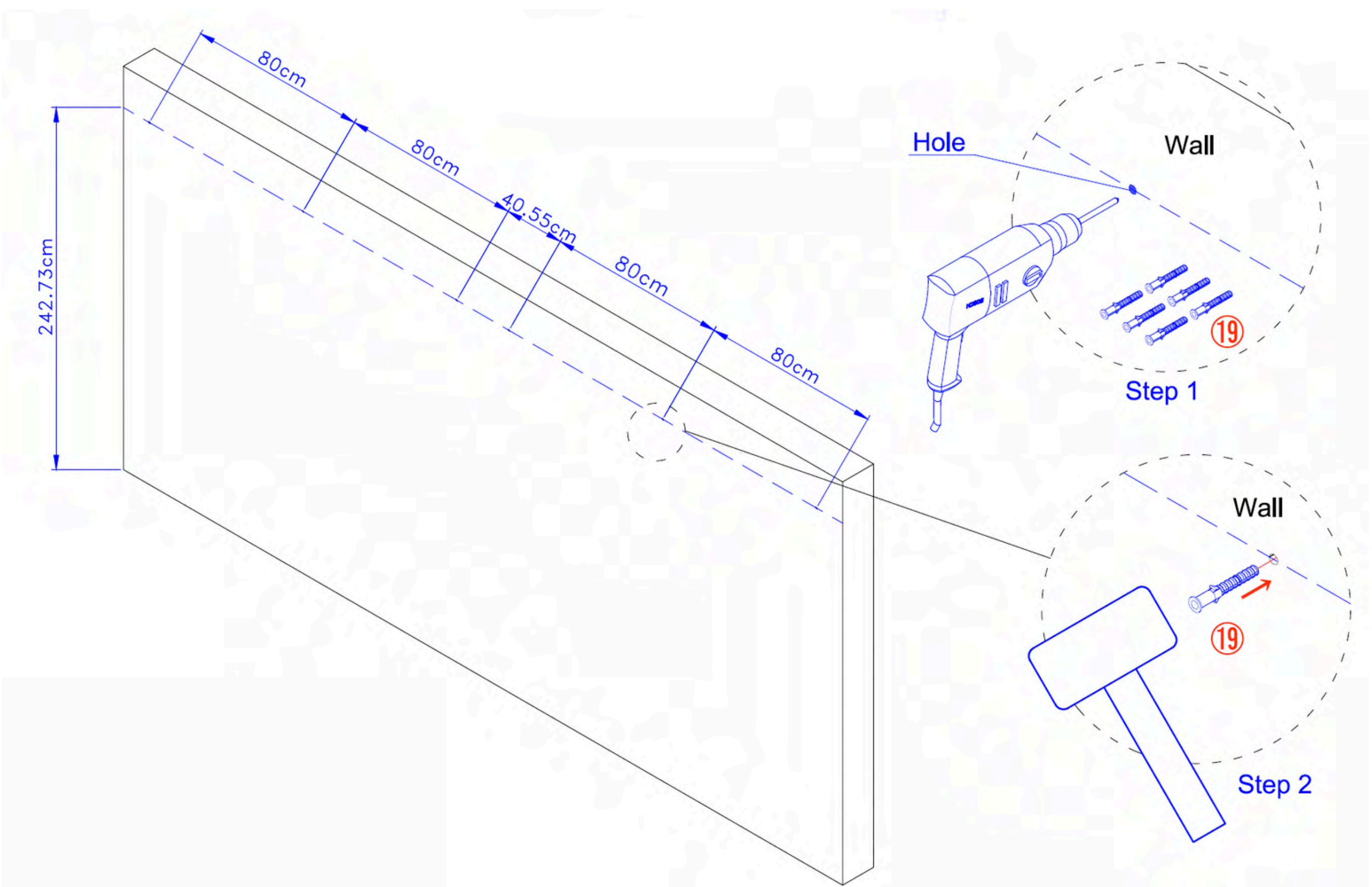
Step 3:

Mark the position of each of the 6 mounting points as per the diagram below.

Drill a hole at each marked spot and insert each of the four expansion plugs (19) to the wall.

Please consult a professional if you are unsure.

19		x 6
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INSTALLATION

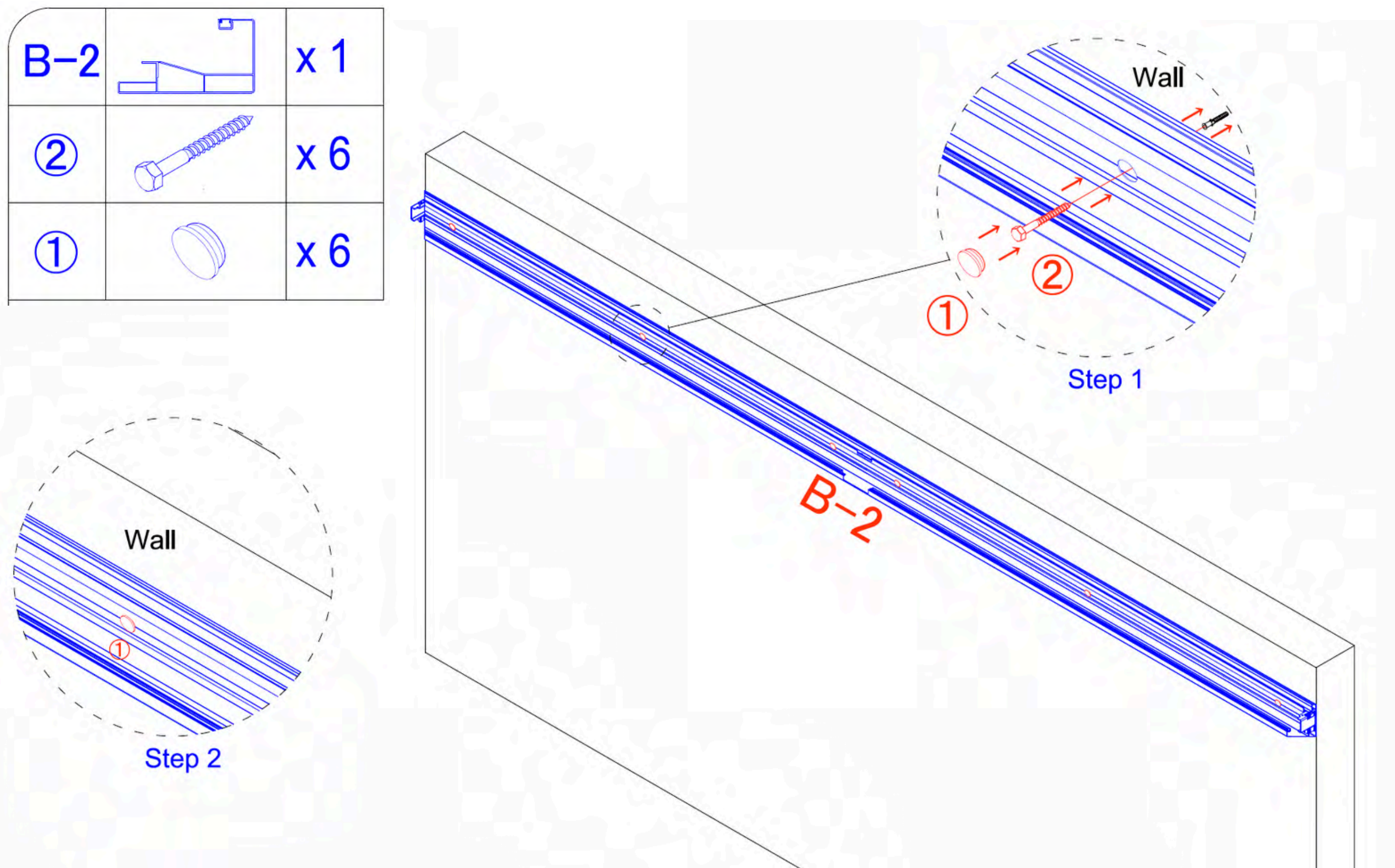
Step 4:

Move beam B-2 in place and attach at each of the six mounting points by using the M8*90 Screws (2).

Note that each screw will line up with the expansion plugs installed in step 3.

Plug each of the four holes on beam B-2 by using the sealing plugs (1).

It is your responsibility to ensure a safe and secure installation. Please consult a professional if you are unsure.

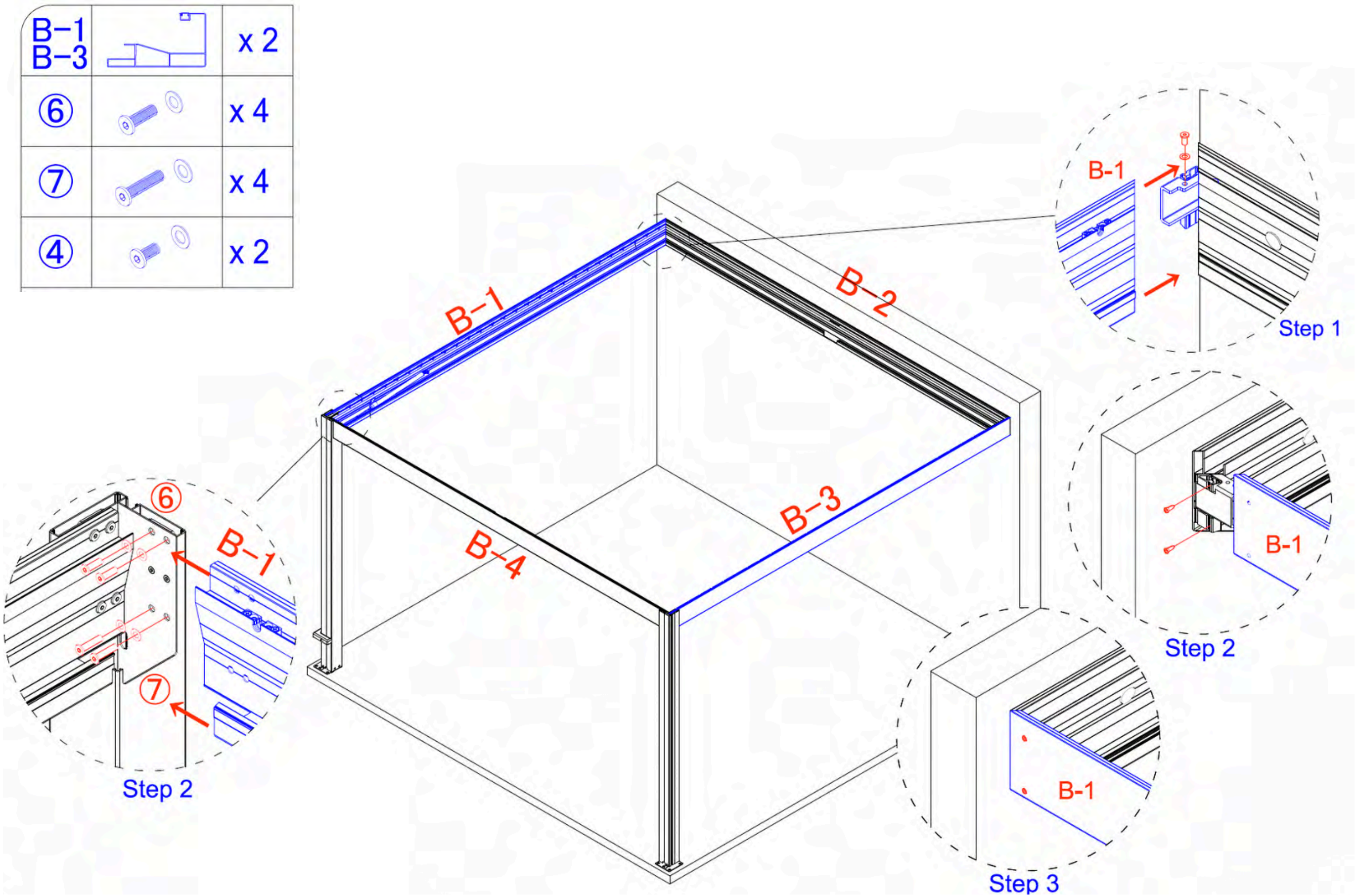


INSTALLATION

Step 5:

- a. Attach Beam and Gutter (B-1 and B-3) to the beam B-2 using x2 M8*14 Hex Screws (4) as per the diagram below.
- b. Fix the Beam and Gutters to the posts using both M8*25 Hex Screws (6) and M8*35 Hex Screws (7). Tighten to secure in place.

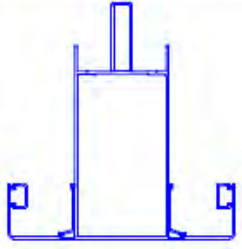
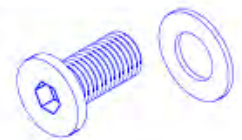
Note: Hex Screws (6) are screwed in the top two holes while Hex Screws (7) are screwed in the bottom two holes of each post.

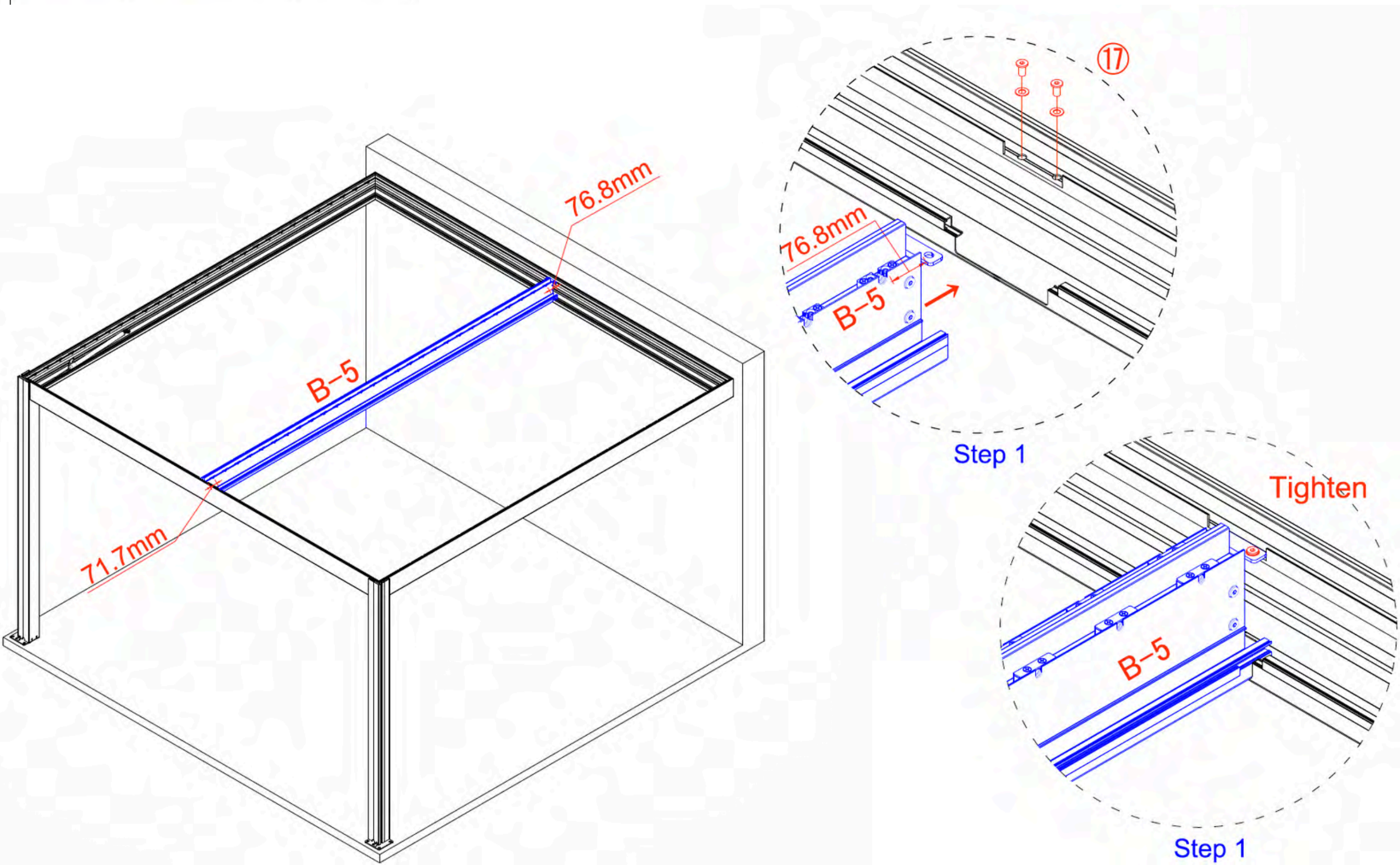


INSTALLATION

Step 6:
Fix the Centre Beam and Gutter (B-5) to Beam and Gutters (B-2 and B-4) using M8*20 Screws (17). Tighten to secure in place.

Note: Pay attention to the installation direction of Beam B-5 based on drawings below.

B-5		x 1
17		x 4



INSTALLATION

Step 7:

At this point, we recommend securing the louvre system to the foundation. We provide instructions to install into a concrete pad although you must seek professional advice to ensure the pergola is installed correctly to all local regulations.

Once the pergola is in place and square, mark 3 holes for each post then move aside and drill all 6 holes. Move the pergola back into place and fasten to the concrete slab by tightening the nuts of the 6 Expansion Screws (10) for each post.

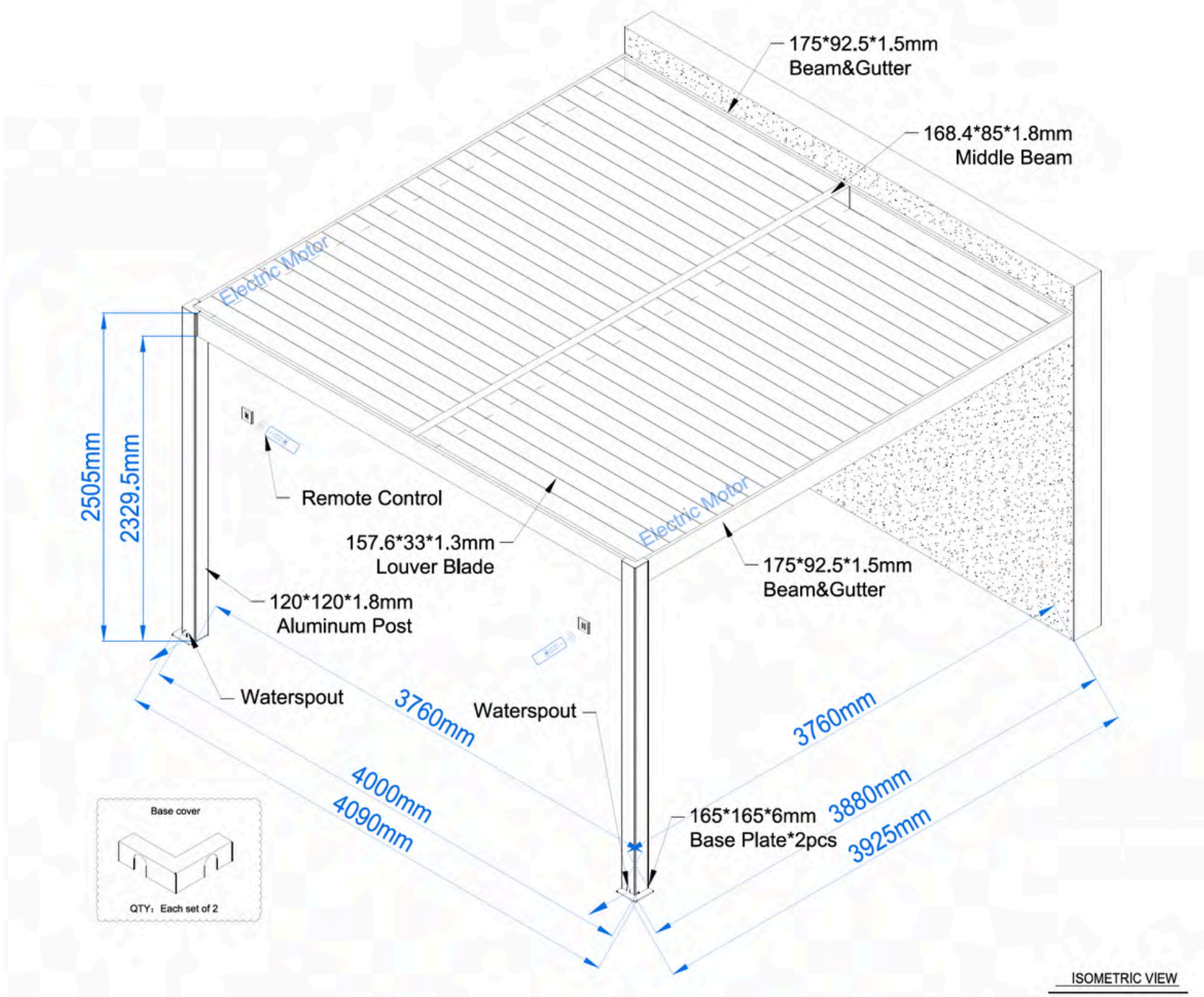
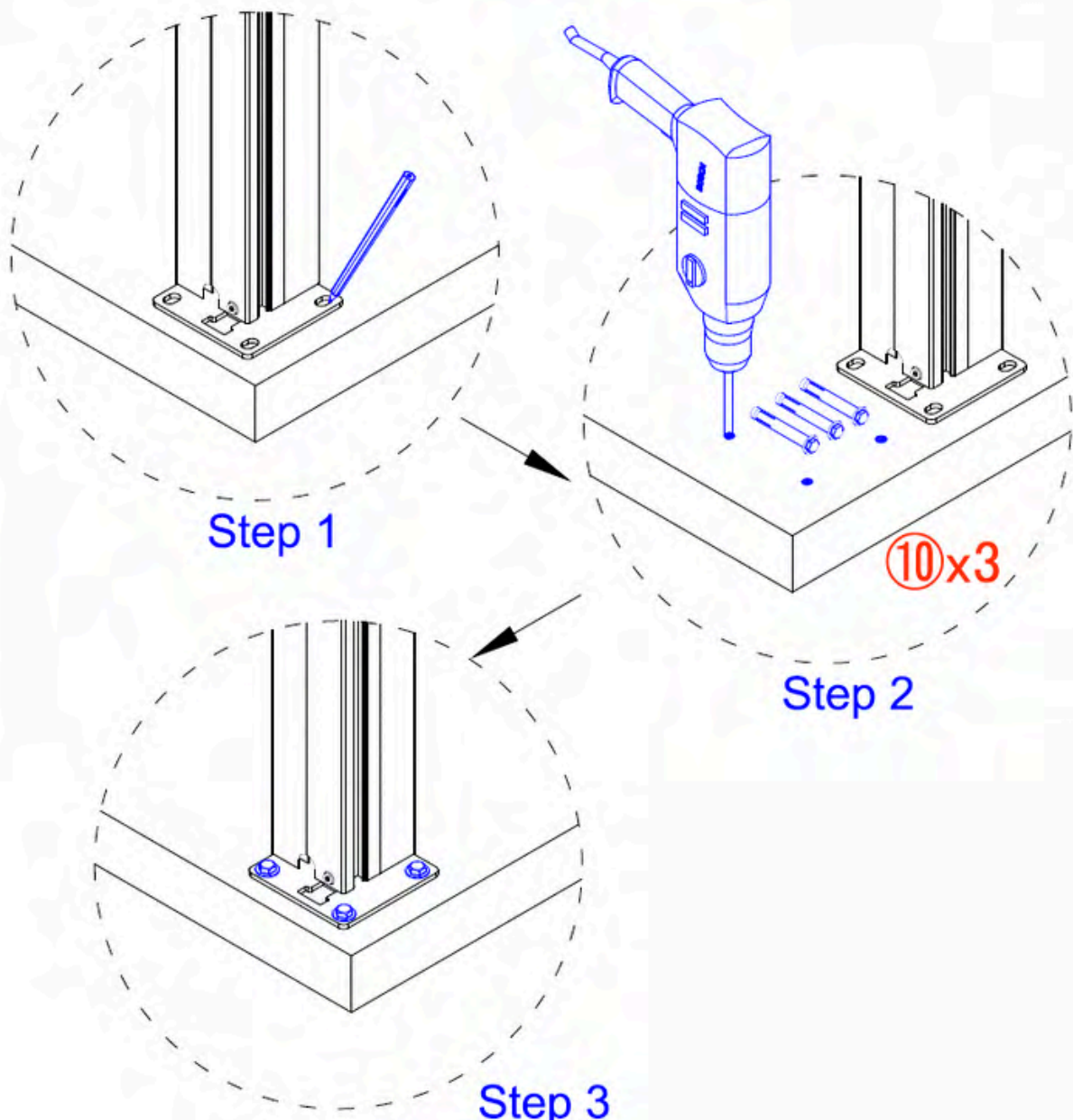
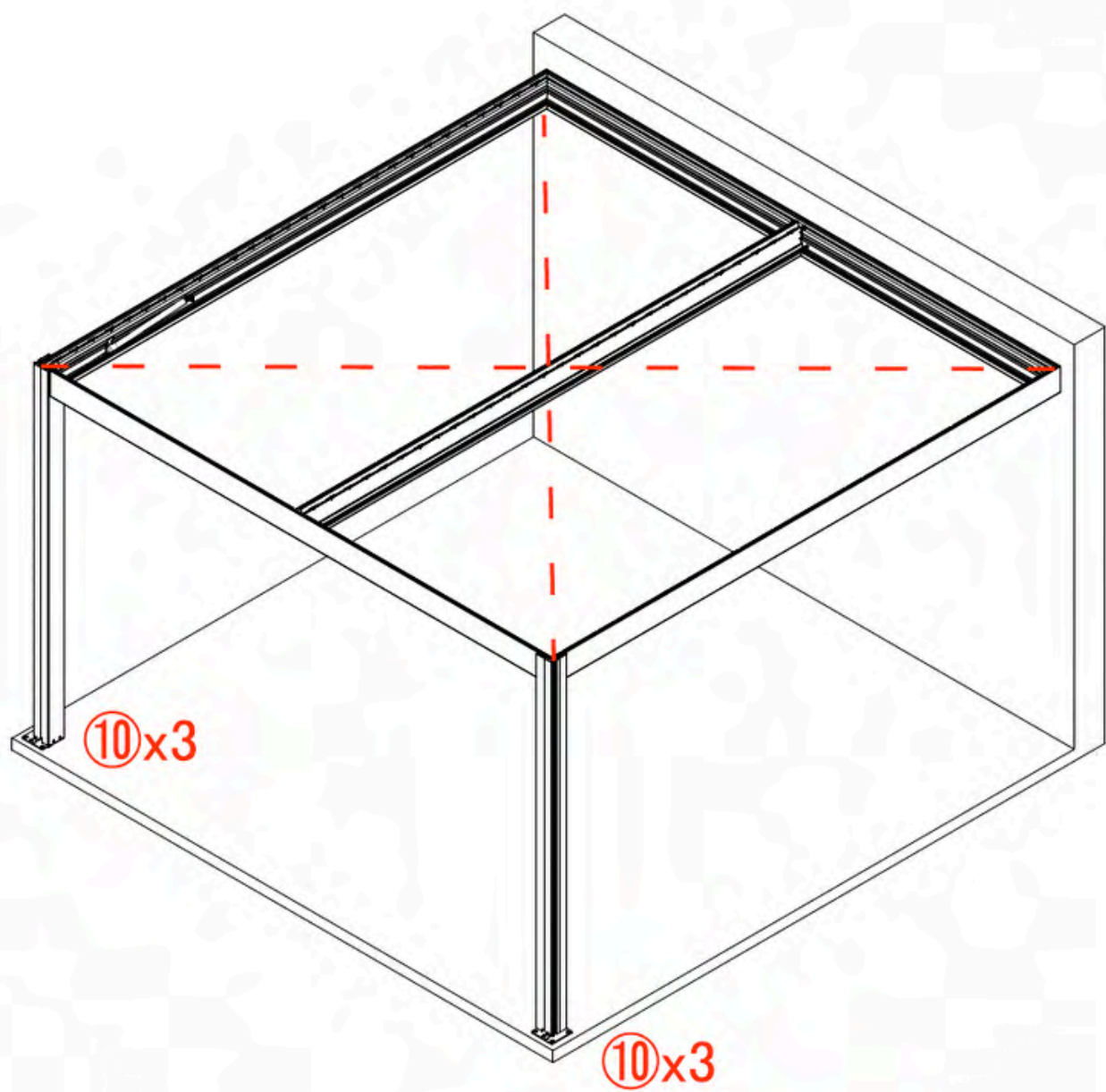
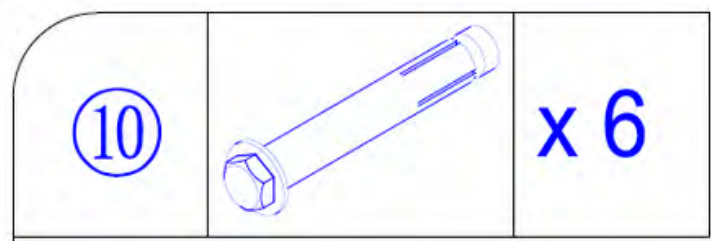
Note: Ensure the diagonals of each of the 4 posts are the same lengths before fixing into place.

For installation into timber decking, please refer to the diagram on page 29.

It is the responsibility of the user to ensure that the louvre system is fixed down. We (Louvre Lounge Limited) are not responsible for any damages caused by the louvre system detaching from its foundation. Any louvre system that is not fixed may be blown away and cause damage, this responsibility will not be attributed to us (Louvre Lounge Limited). Check the louvre system regularly to ensure it remains stable and firmly attached to the ground. Refer to our warranty policy and our terms and conditions for more information.

INSTALLATION

Step 7: (Continued)



INSTALLATION

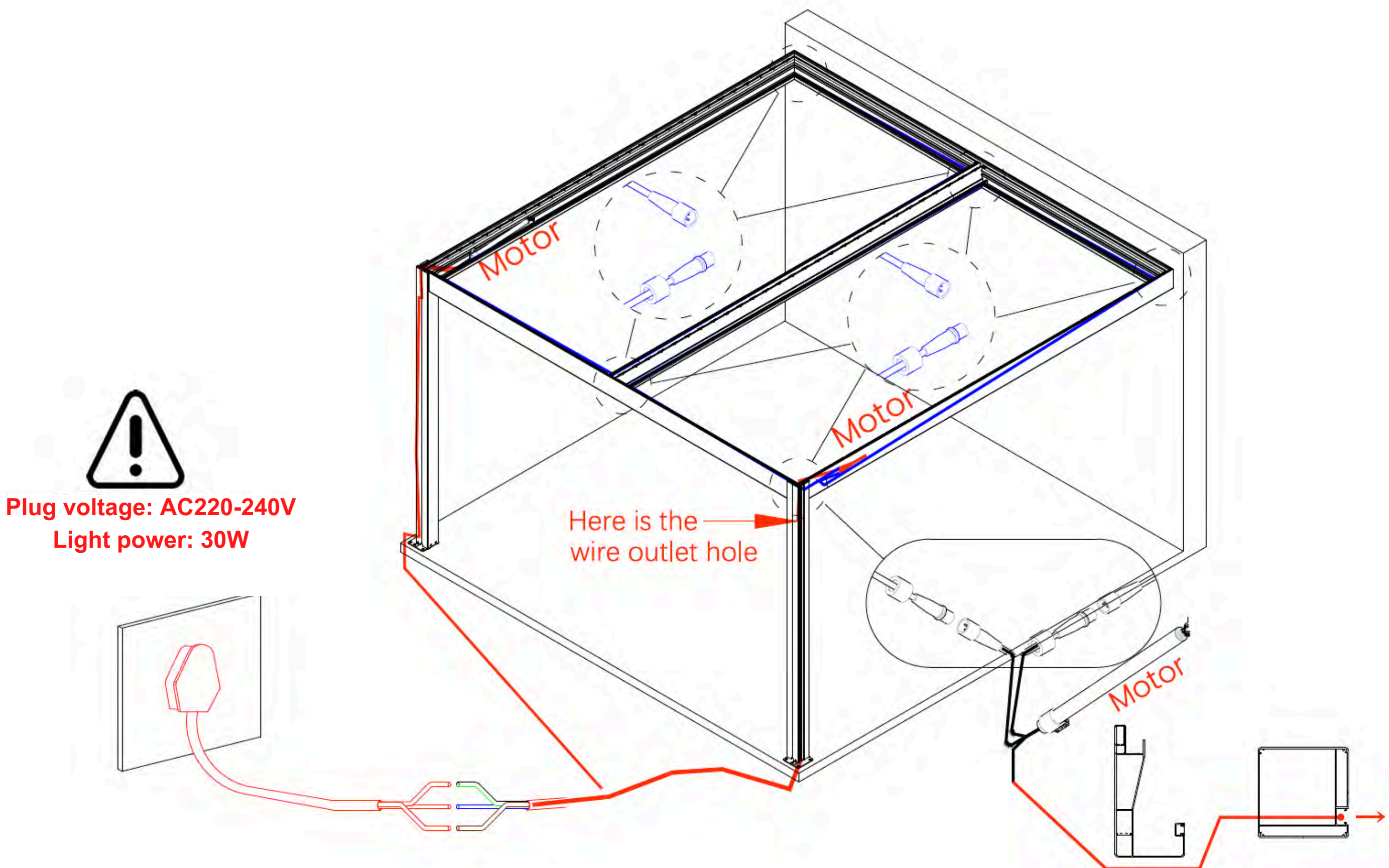
Step 8:

Connect the LED lighting to the motor power cable by connecting the male and female plugs (DC24V to DC24V) between each gutter.

It is essential to make sure the thread nut is tightened to secure the connection.

DO NOT INSERT THE POWER PLUG INTO AN OUTLET AT THIS TIME.

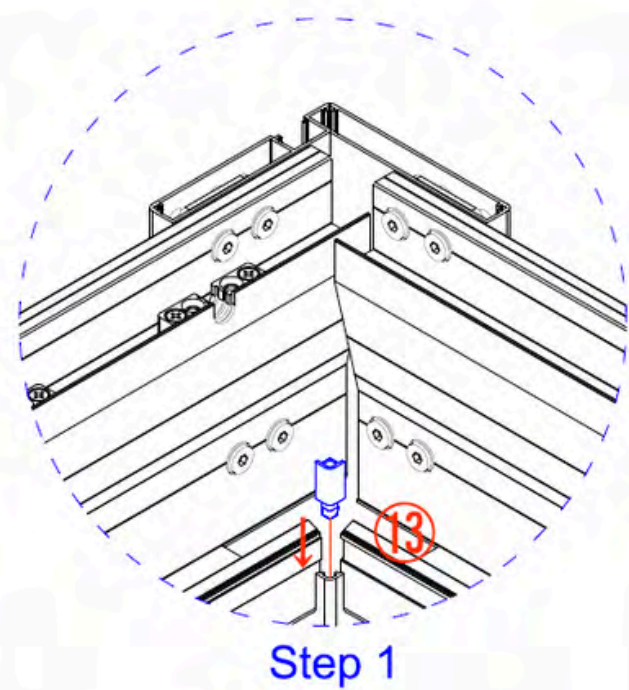
Note: Do not place plug near water.



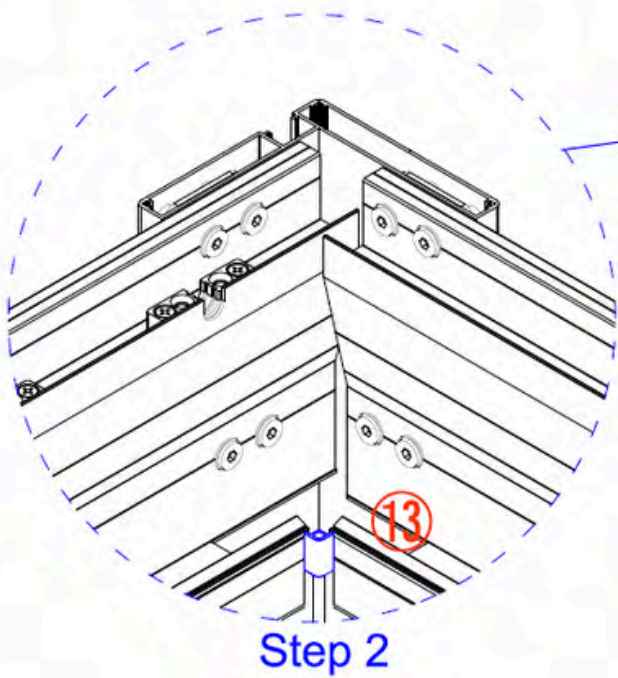
INSTALLATION

- Step 9:
- a. Slide the Post Corner Extension Piece (13) into place on each post corner as per the diagram below.
 - b. Slide the Post Corner Extension Piece (18) into the side of the beam corner.

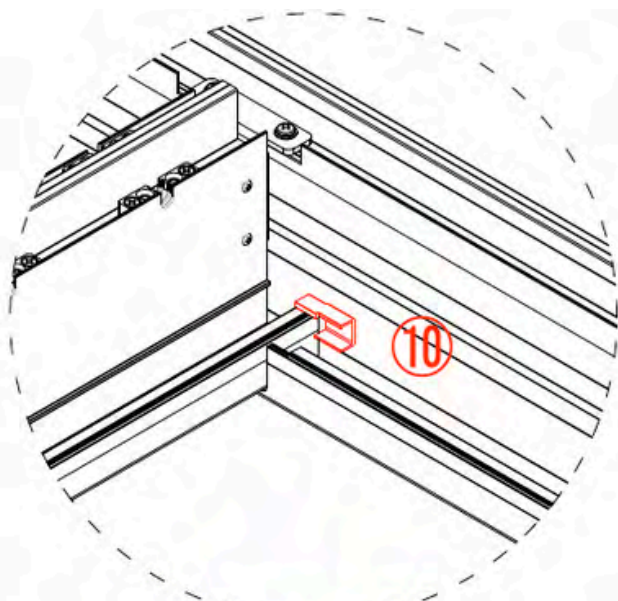
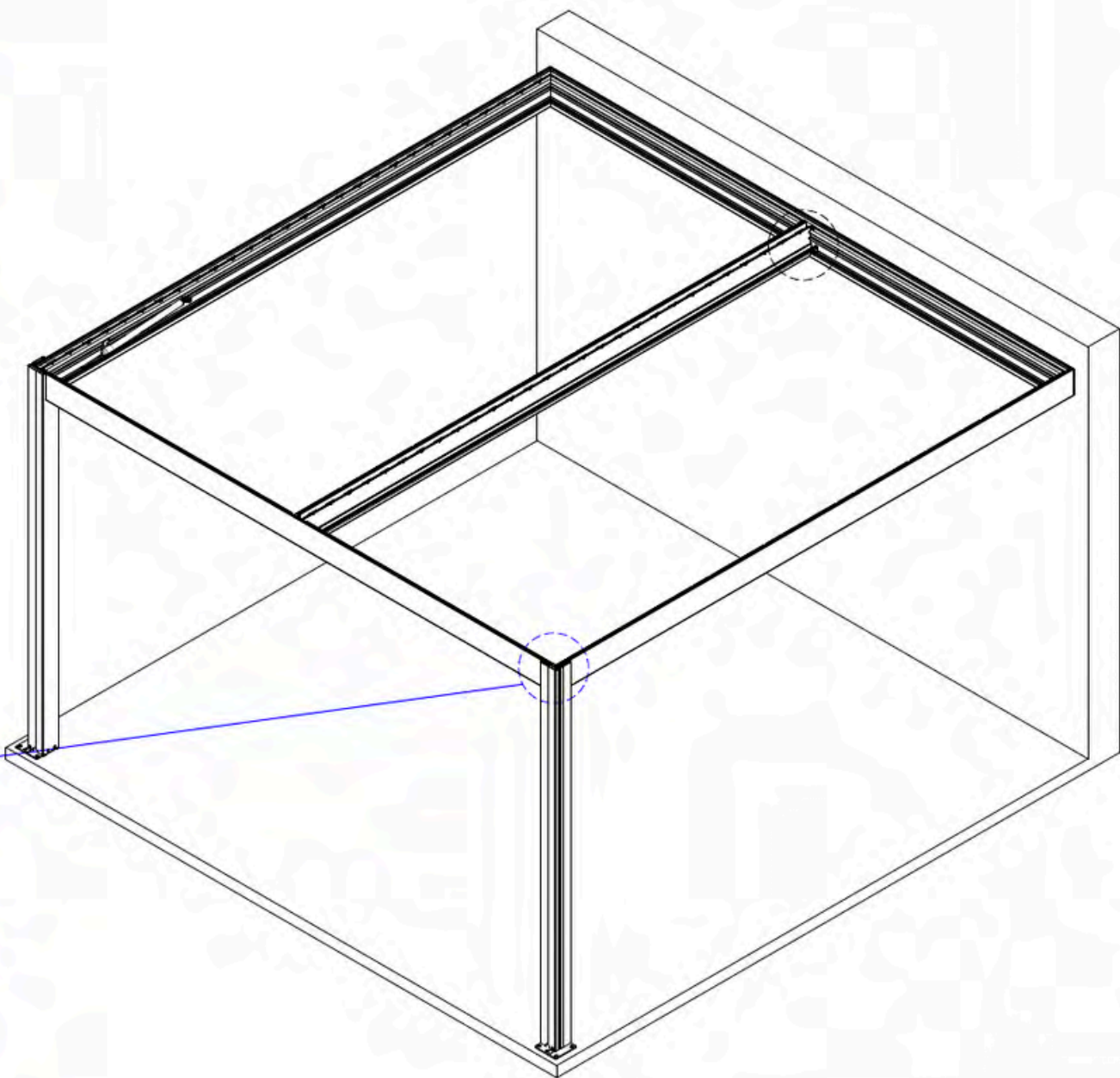
⑬		x 2
⑱		x 4



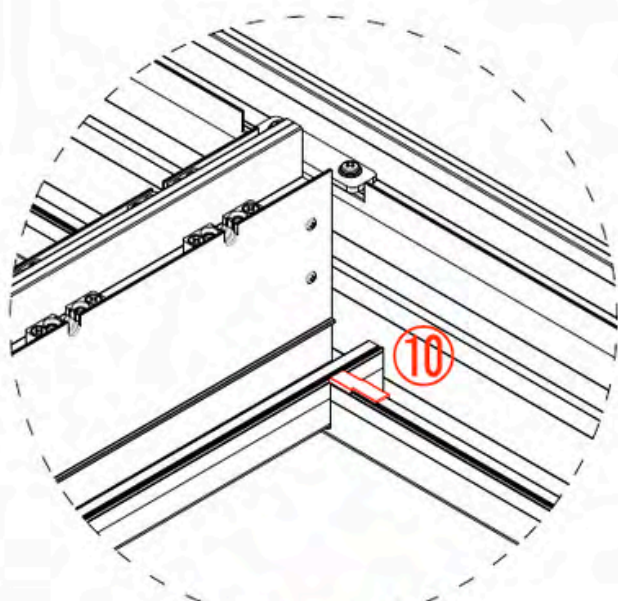
Step 1



Step 2



Step 3



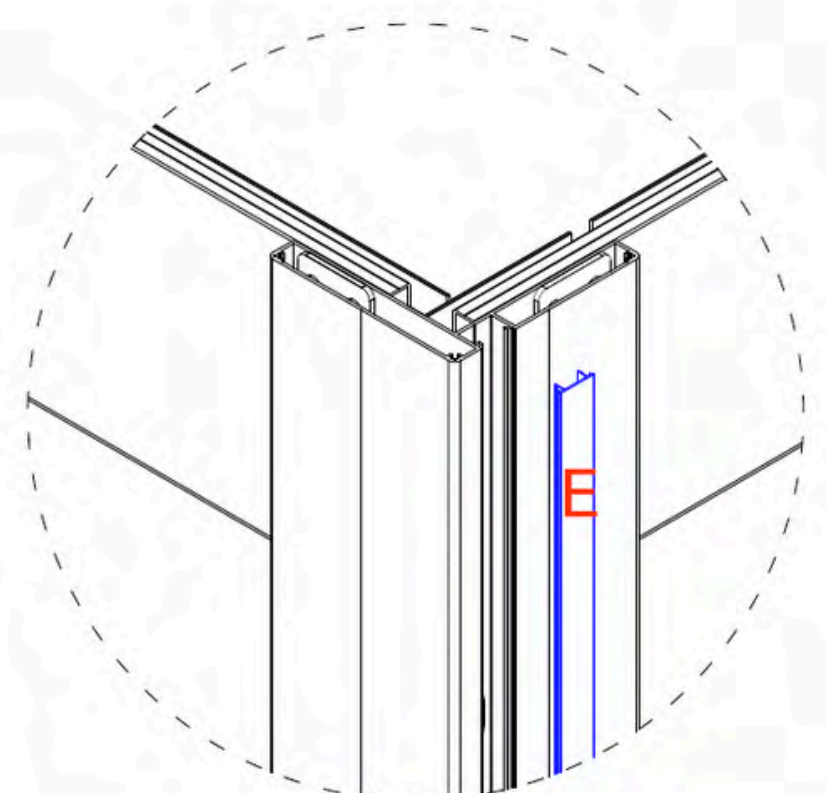
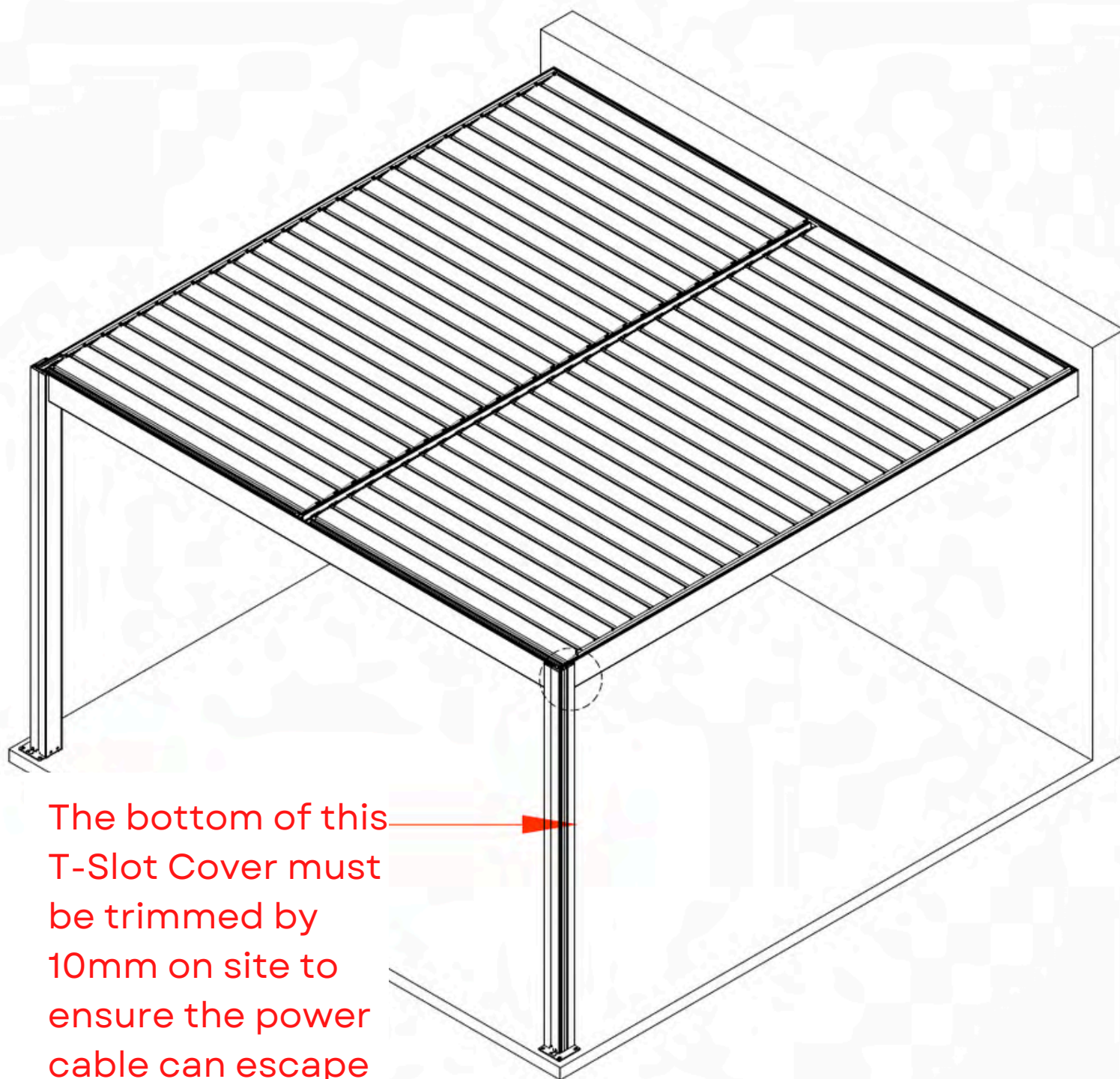
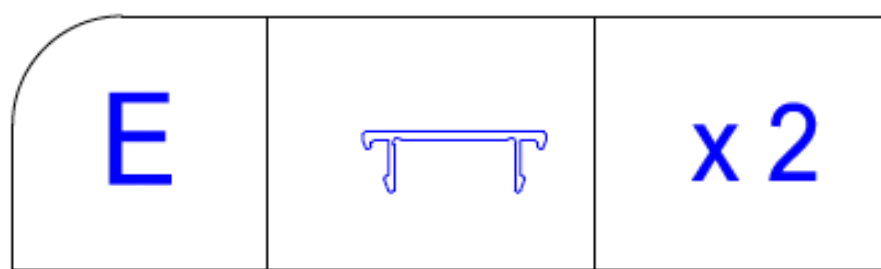
Step 4

INSTALLATION

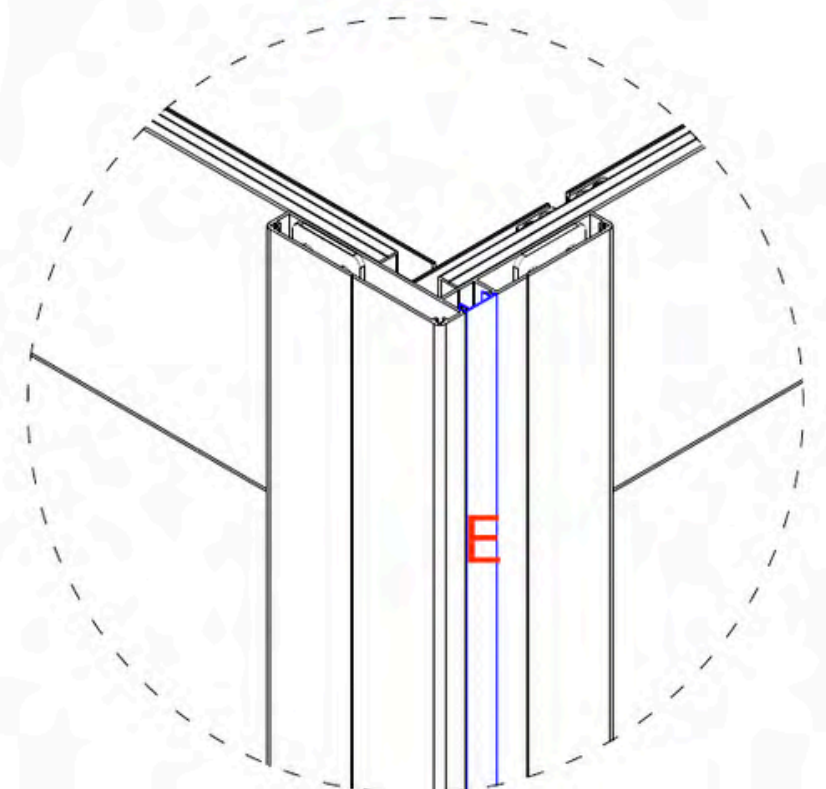
Step 10:

Insert x2 T-Slot Covers (E) into the groove on each post.

Note: On both posts the motor wire will be threaded down the groove. As a result, The T-Slot Cover will need to be trimmed by 10mm at the bottom to allow the wire to escape at the bottom of the post.



Step 1






Step 2

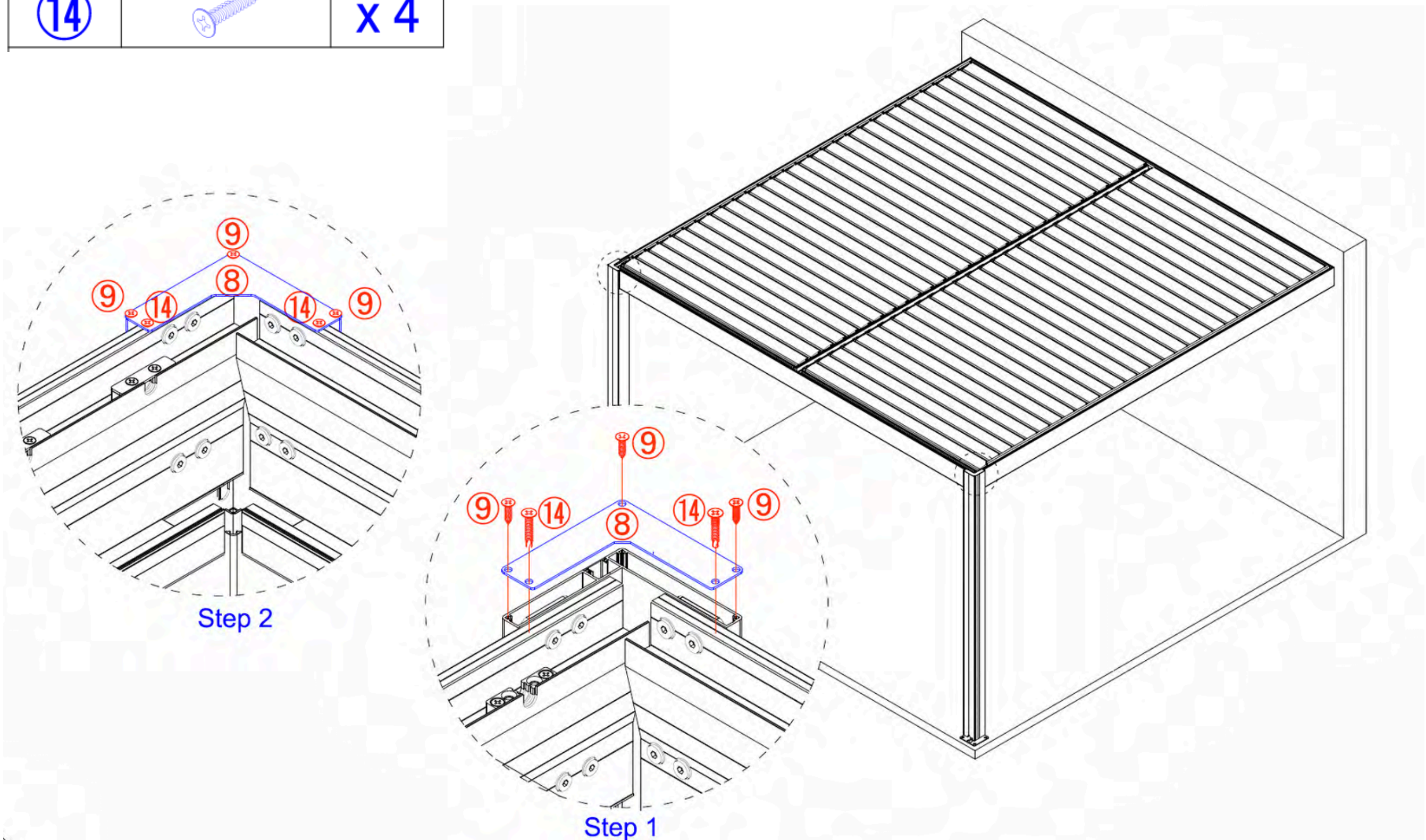
INSTALLATION

Step 11:
Fix the L-shaped Top Post Covers (8) into place on top of each of the two posts.

Use 3 Flat Head 4.2*16 Screws (9) to fasten the outside holes and 2 Self Tapping 4.2*19 Screws (14) to fasten the inside holes.

Refer to the diagrams below.

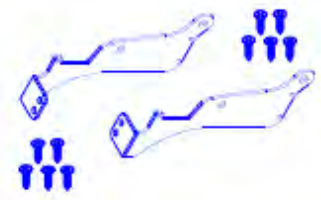
⑧		x 2
⑨		x 6
⑭		x 4

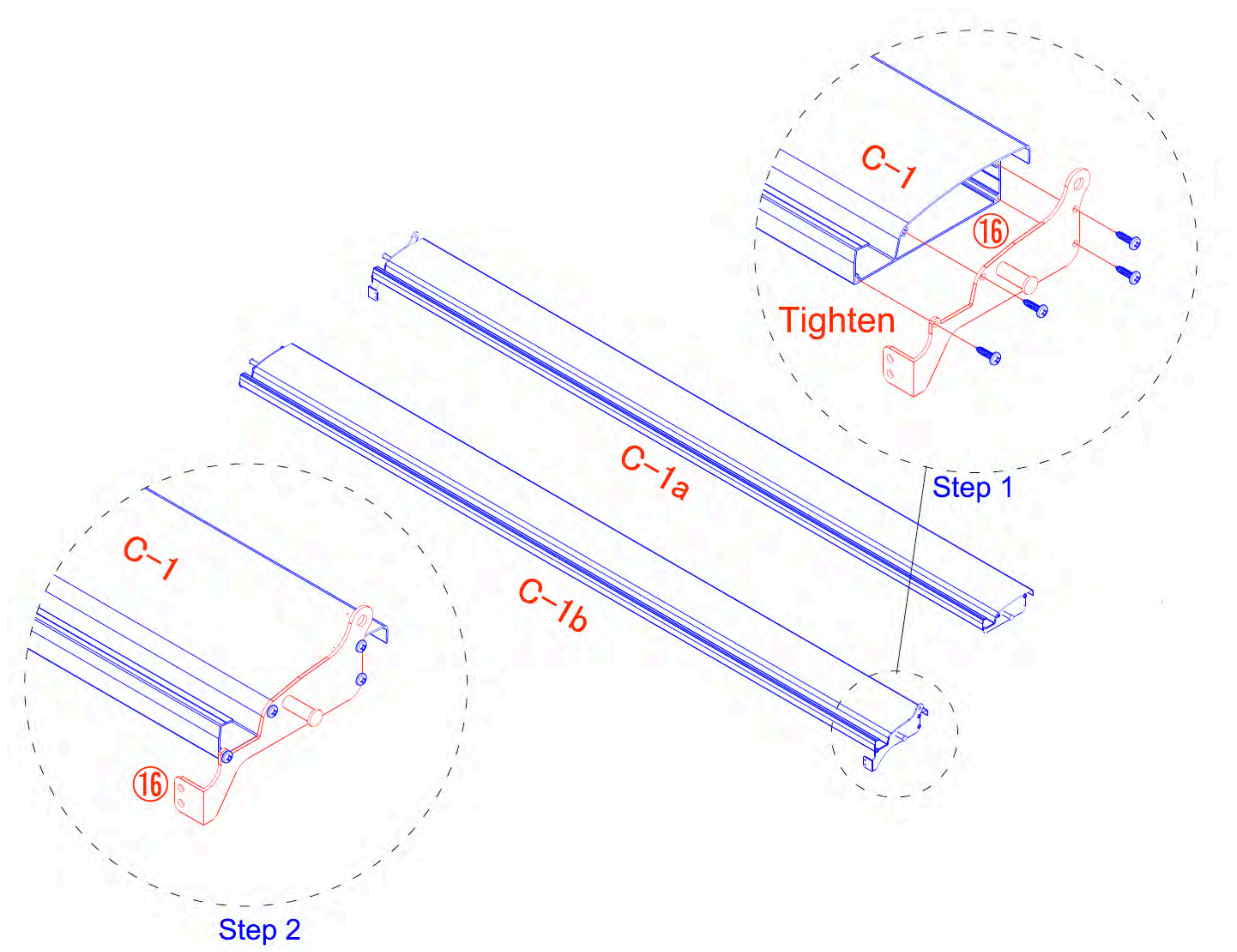


INSTALLATION

Step 12:

Fix the Driving Louvre Cover (16) to the driving louvres (C-1a & C-1b) using x4 4*20 Flat Head Screws (16).

16		x 1
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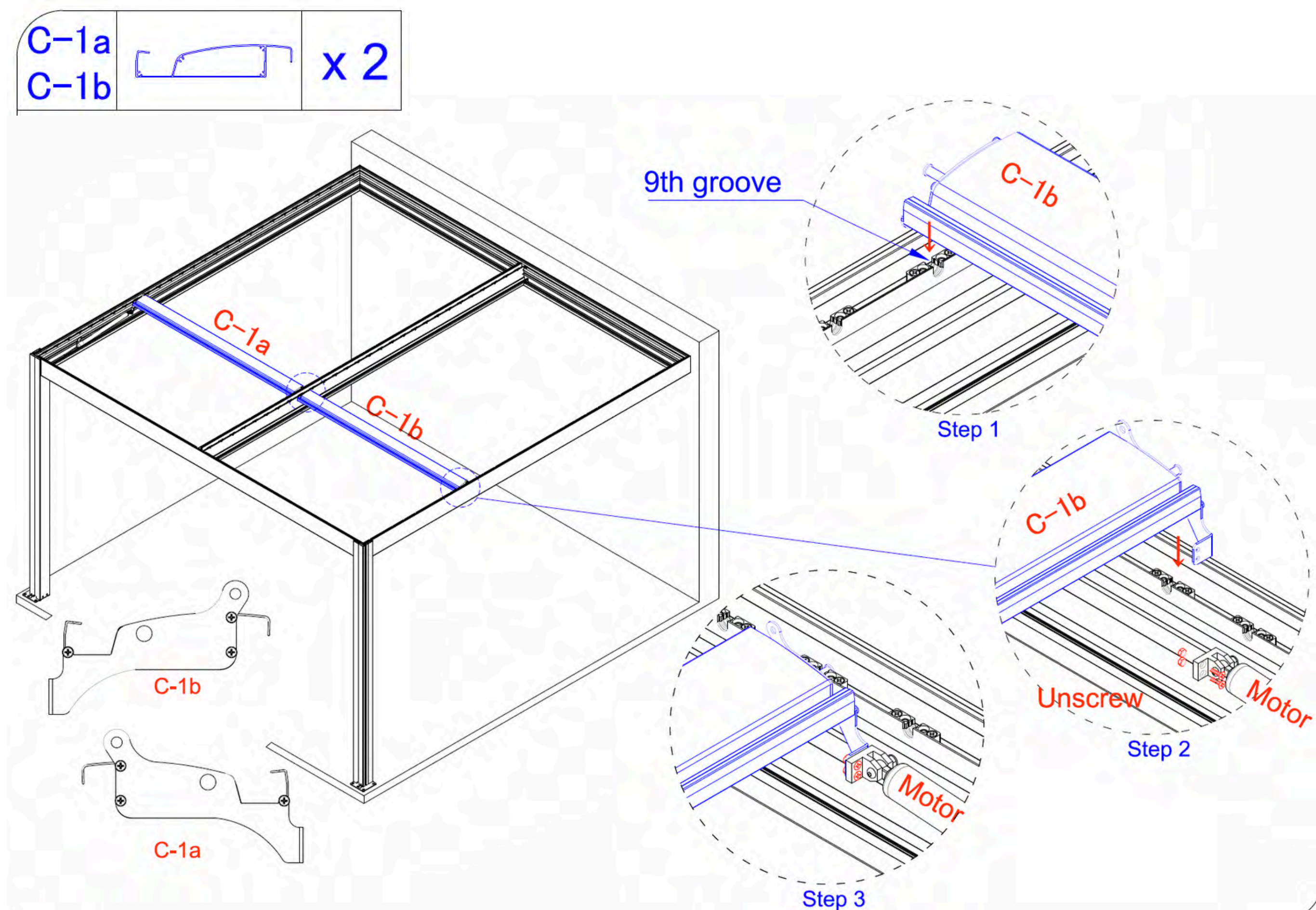
INSTALLATION

Step 13:

a. Install the Driving Louvres (C-1a & C-1b) by simply placing it into the 9th groove. Ensure the Driving Louvre Cover installed in the previous step aligns with the motor arm bracket.

b. Fix the Driving Louvre to the motor arm bracket using the two screws and bolts already attached to the motor arm bracket.

Refer to the diagram below.

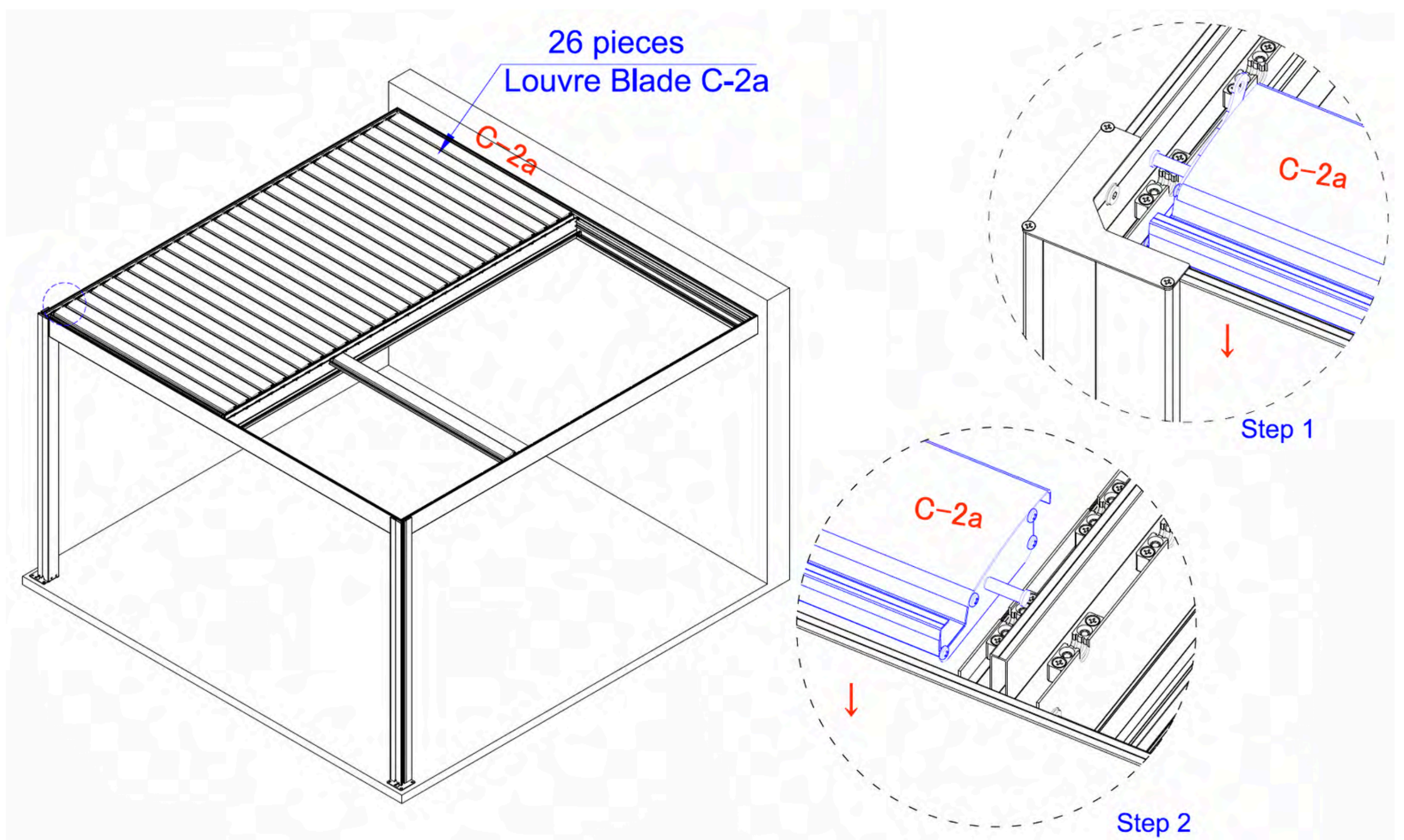
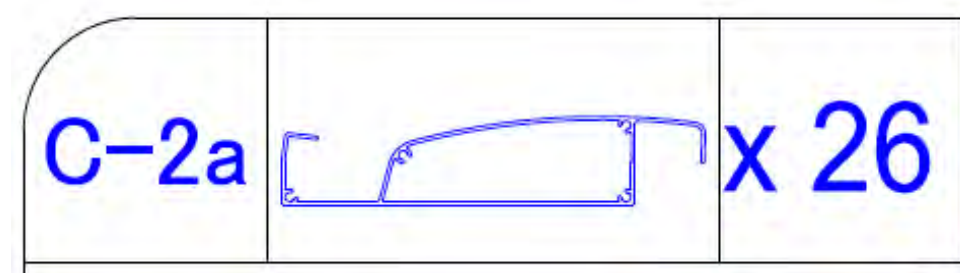


INSTALLATION

Step 14:

Fix the remaining 26 general (C-2a) louvres into place by simply placing them in the grooves along the beams as per the diagram.

Note: It may be easier to complete step 15 as you install the louvre blades.



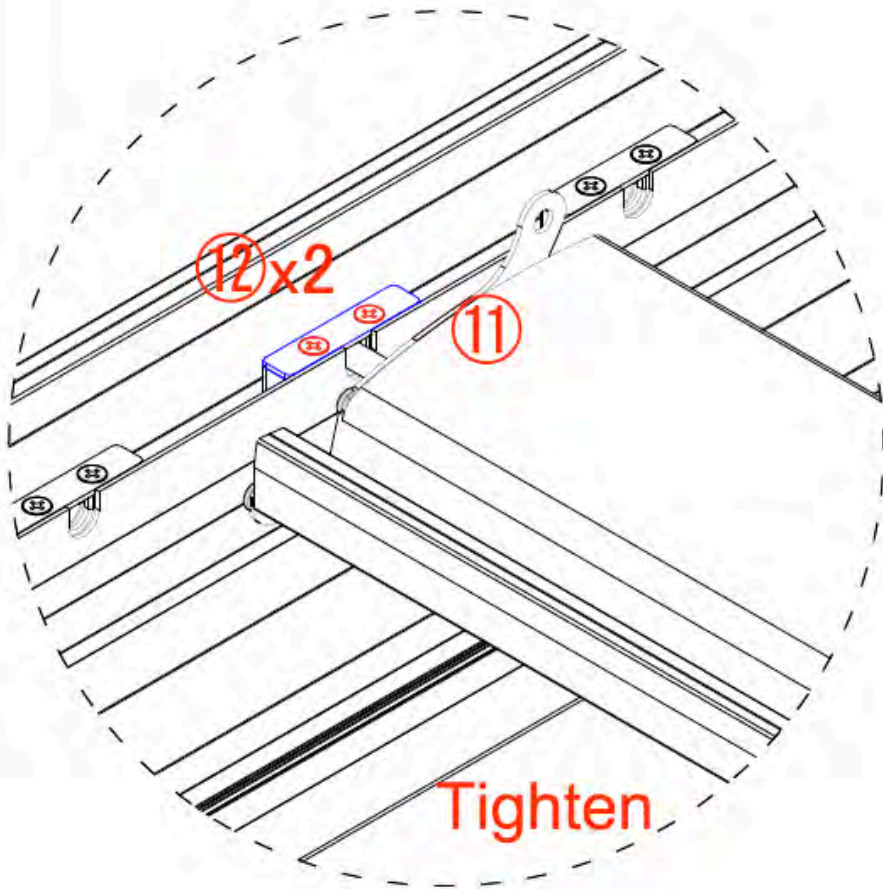
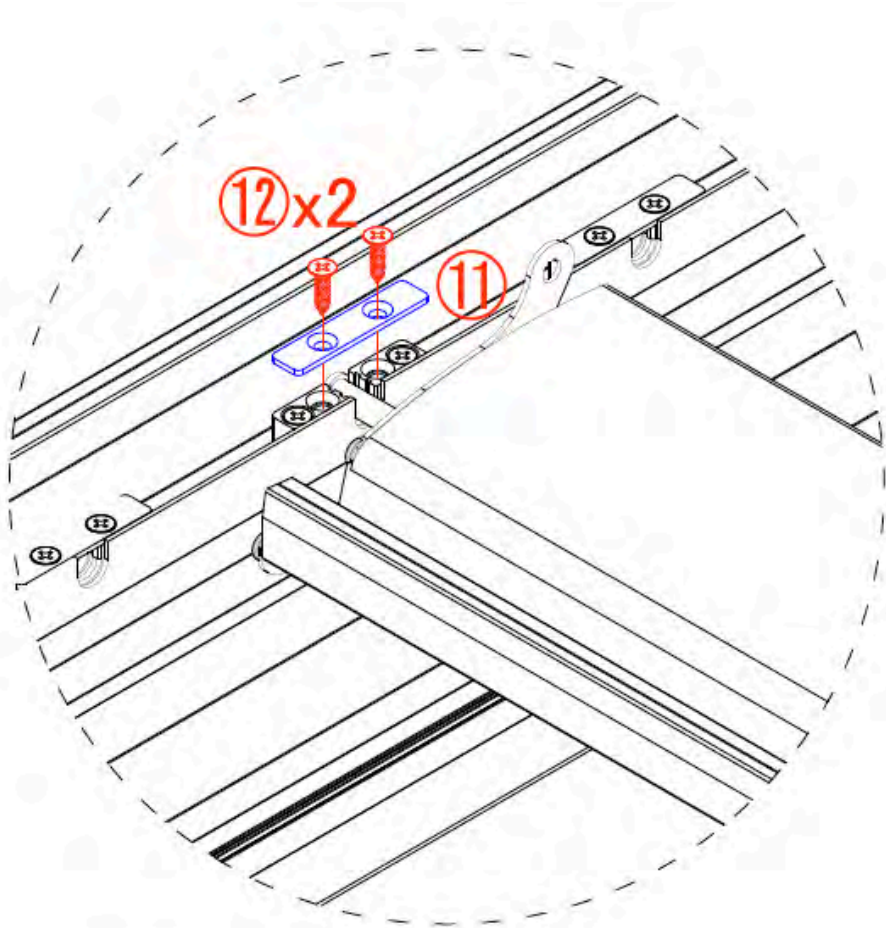
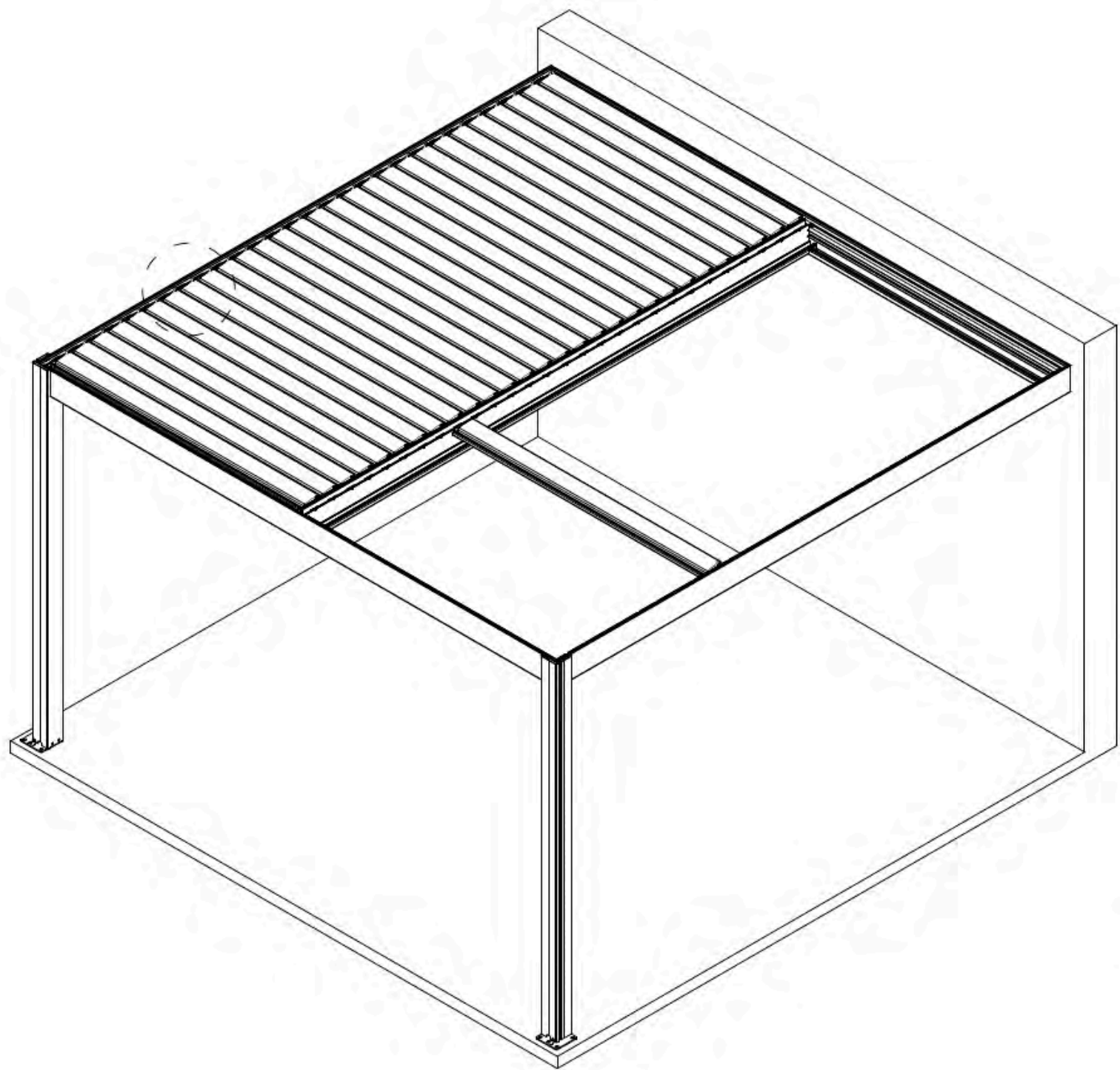
INSTALLATION

Step 15:
Fix all louvres into place by placing the Shaft Holder Cap (11) over each groove and fasten with x2 M5*16 Countersunk Screws (12) for each shaft holder Cap.

A total of 54 Shaft Holder Caps (11) will be installed to fix all louvres into place on both sides.

Refer to the diagram below.


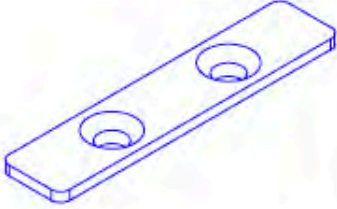
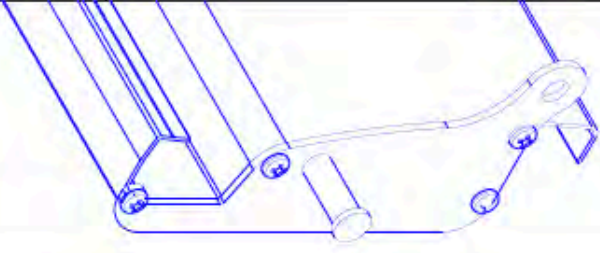

⑪		x 27
⑫		x 54

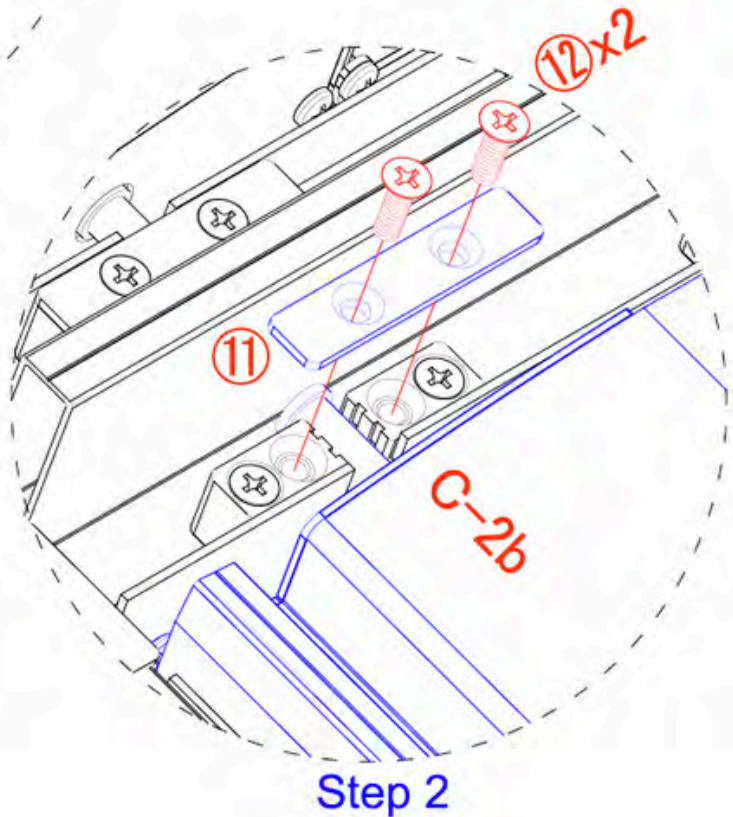
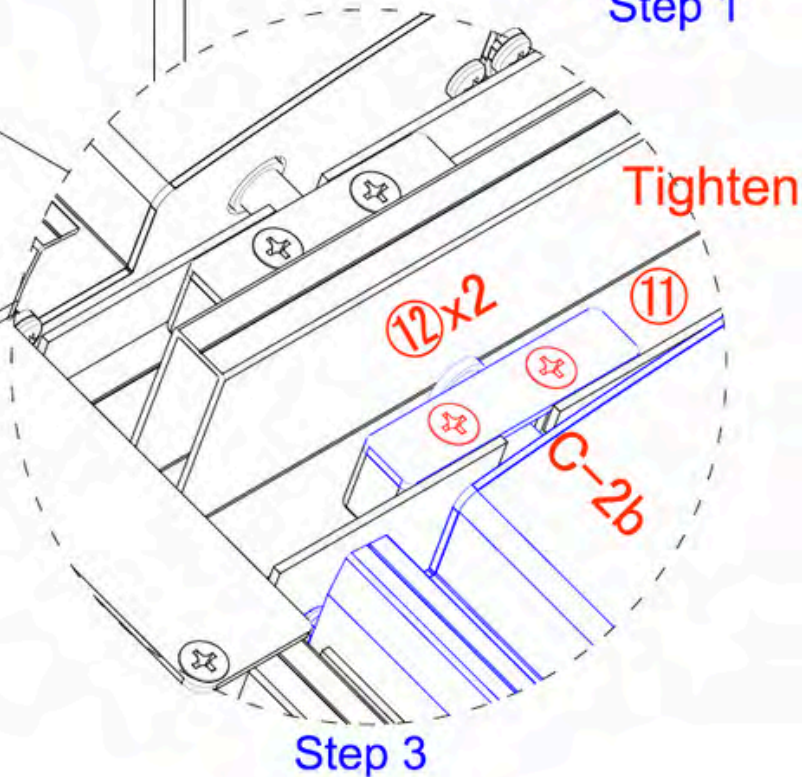
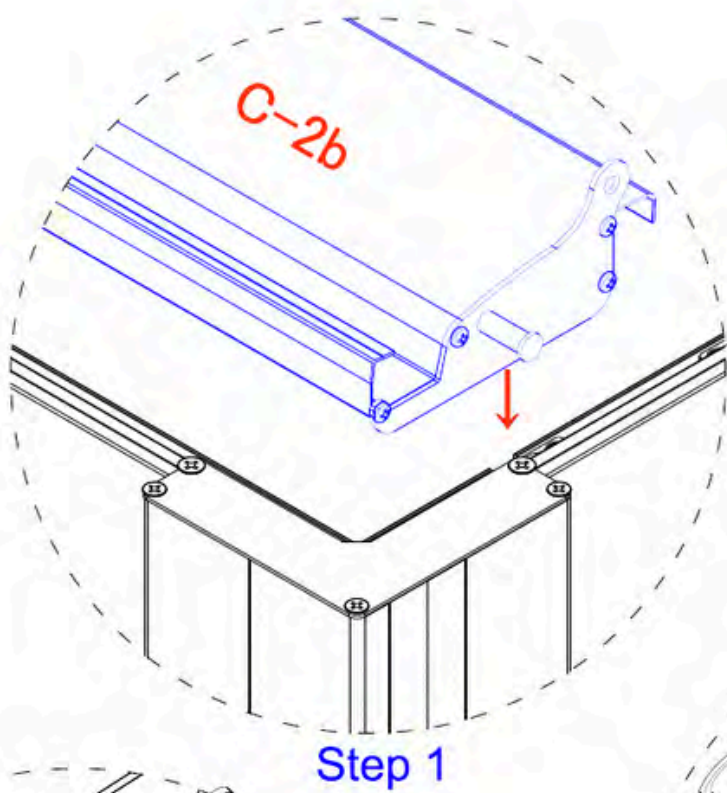
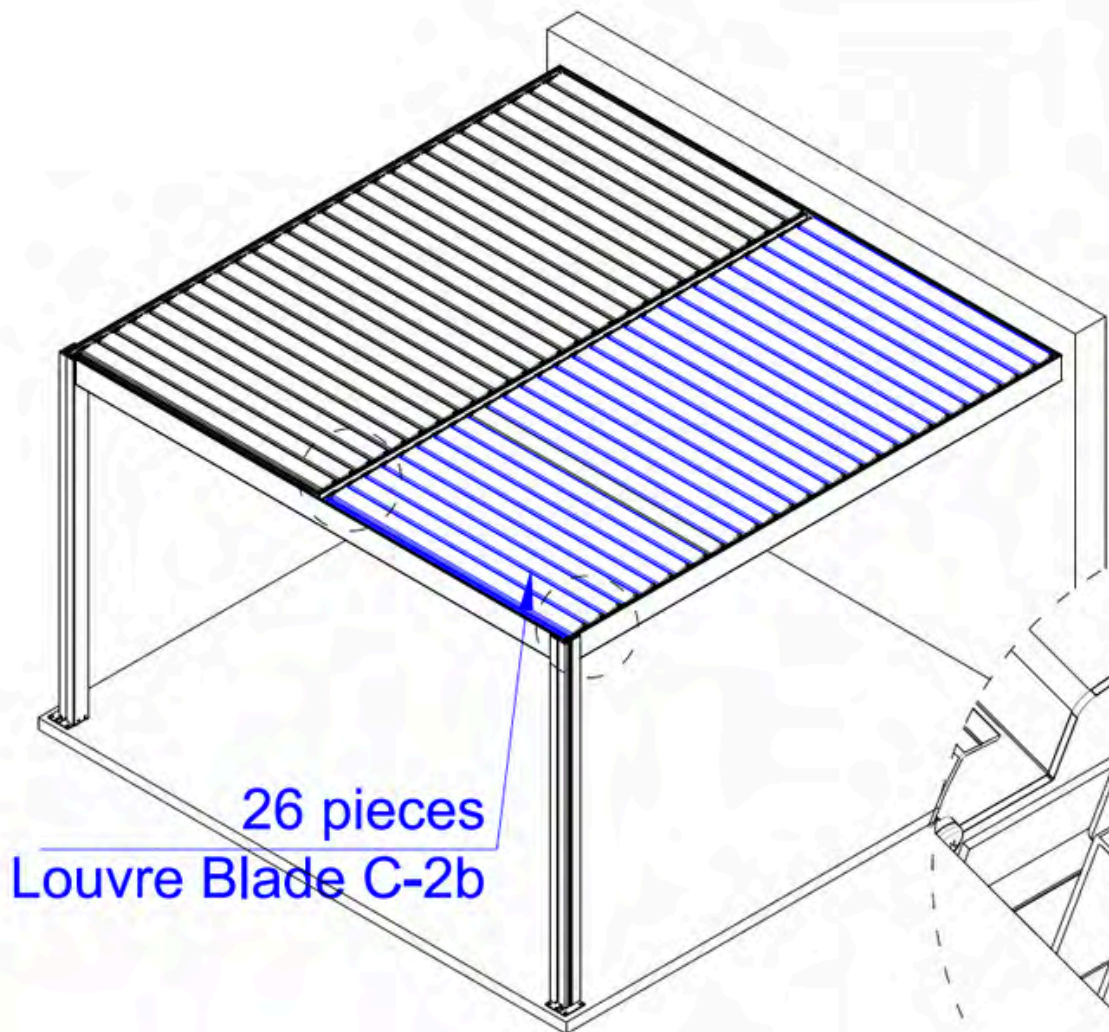


INSTALLATION

Step 16:
Place the remaining 26 C-2b louvres into the grooves while fixing them in place as they are installed.

Using the Shaft Holder Cap (11), place over each groove and fasten with x2 M5*16 Countersunk Screws (12) for each shaft holder Cap.

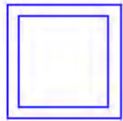

C-2b		x 26	⑪		x 26
			⑫		x 54

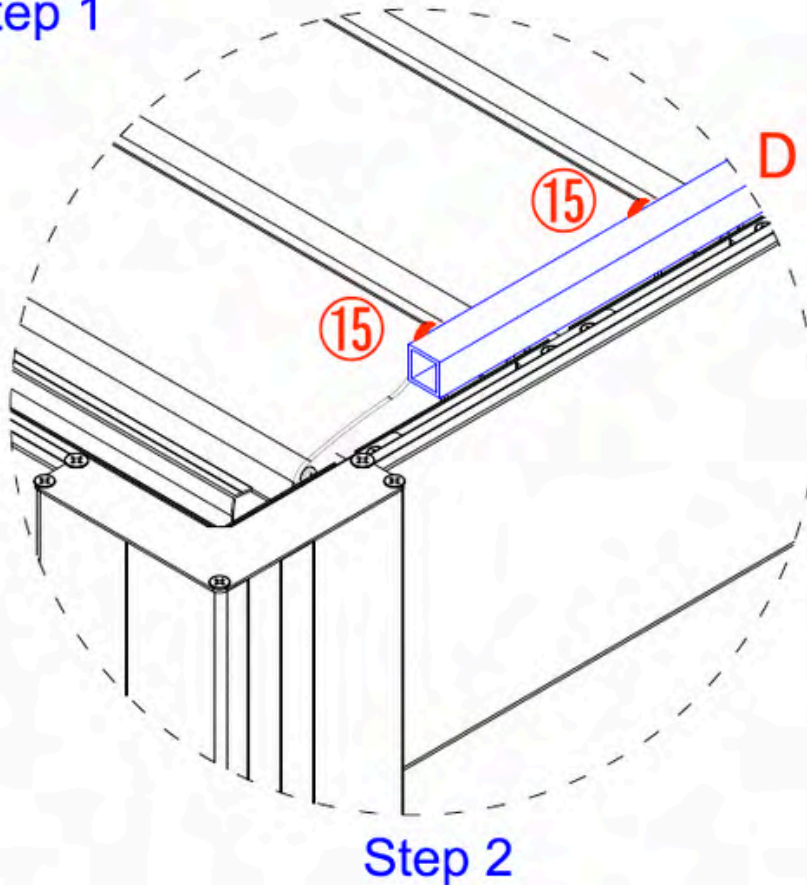
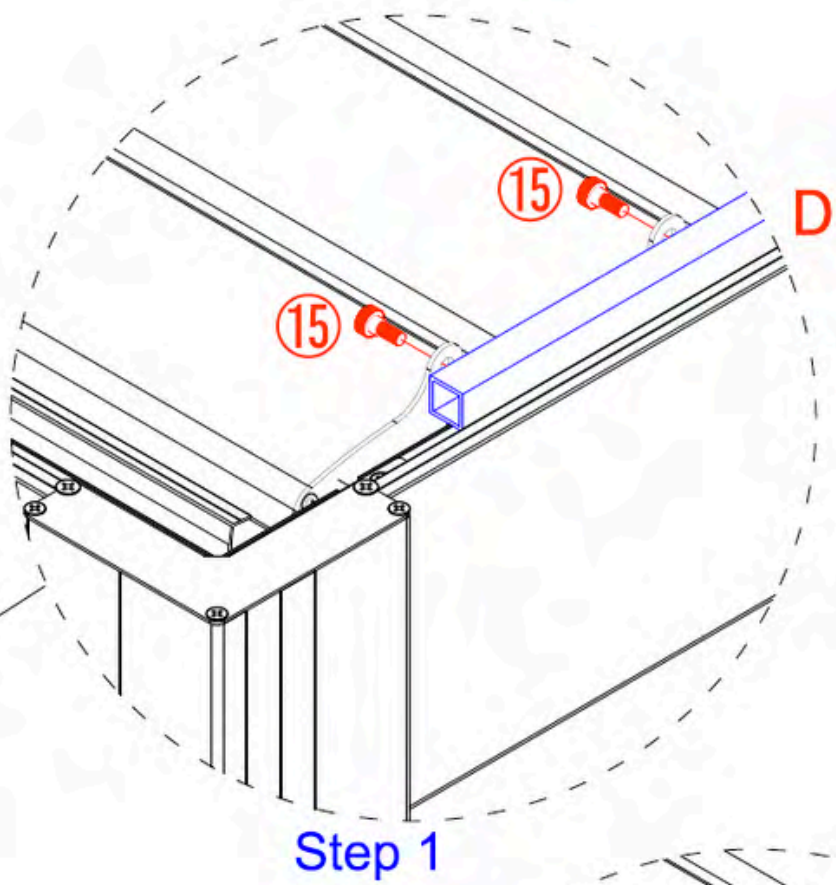
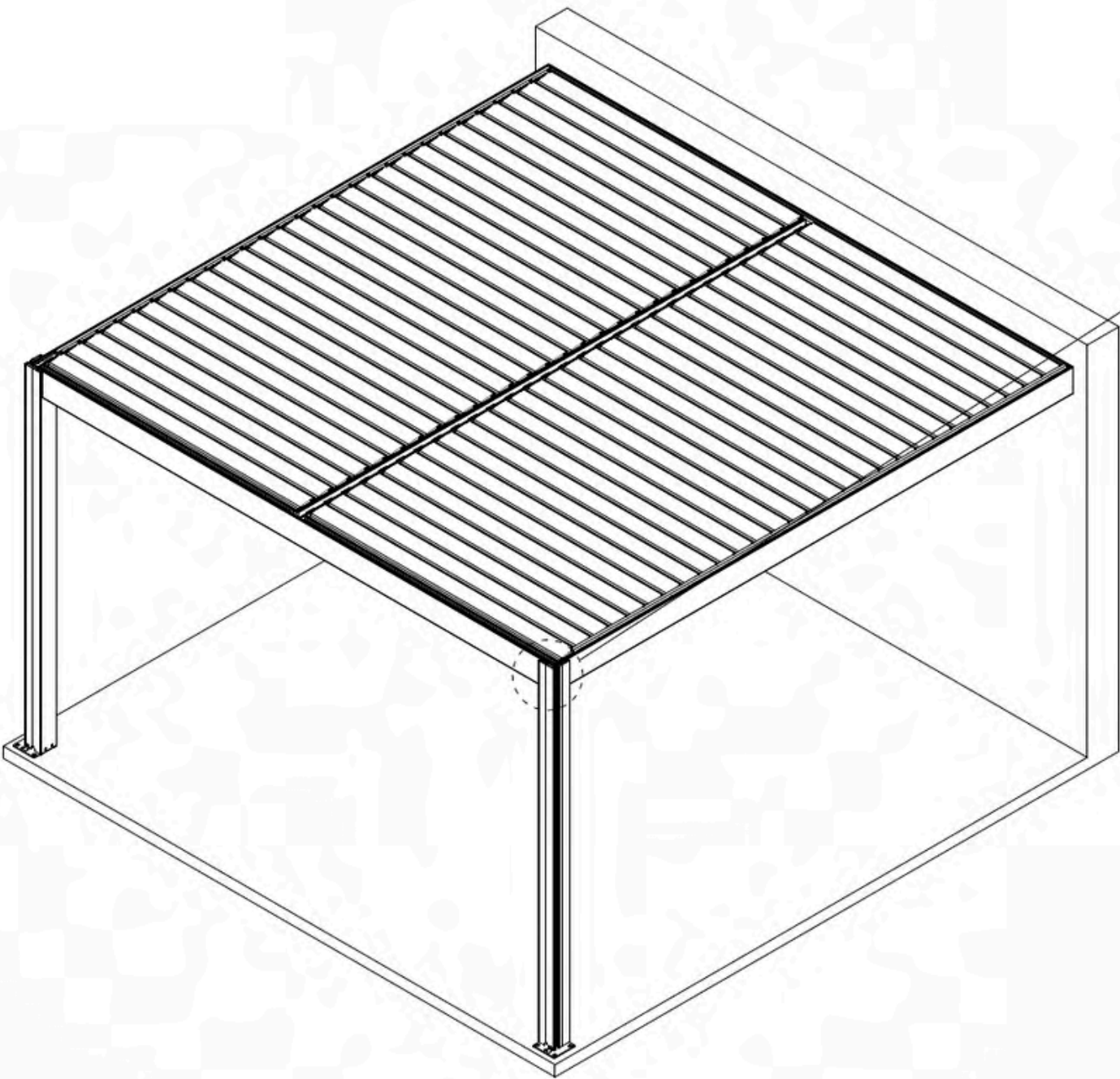


INSTALLATION

Step 17:
Connect all louvres to Control Rod D using x54 Hex Thumb Screws (15).

Note: Ensure all screws are hand tightened so the louvres can move freely.

D		x 2
15		x 54



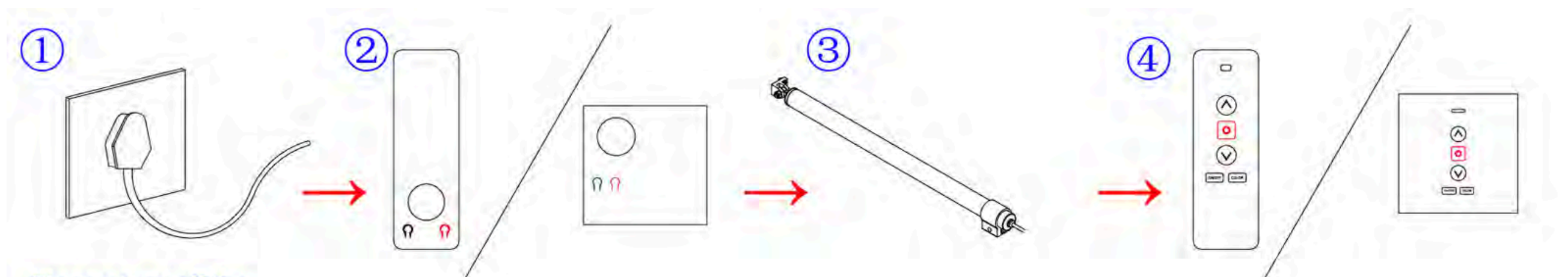
REMOTE SETUP

Once all installation steps are complete, plug the louvre system into the power outlet and enjoy!

If you find the remote isn't working, please follow these steps:

Remote Pairing:

1. Turn off the power for 15 seconds then turn the power back on and complete these steps within 30 seconds.
2. Open the back cover of the remote control and press and hold the U2 button for more than 7 seconds.
3. The motor will make a "didi" sound.
4. Press and hold the stop button on the remote control for more than 2 seconds. The "didi" sound from the motor will stop once paired.

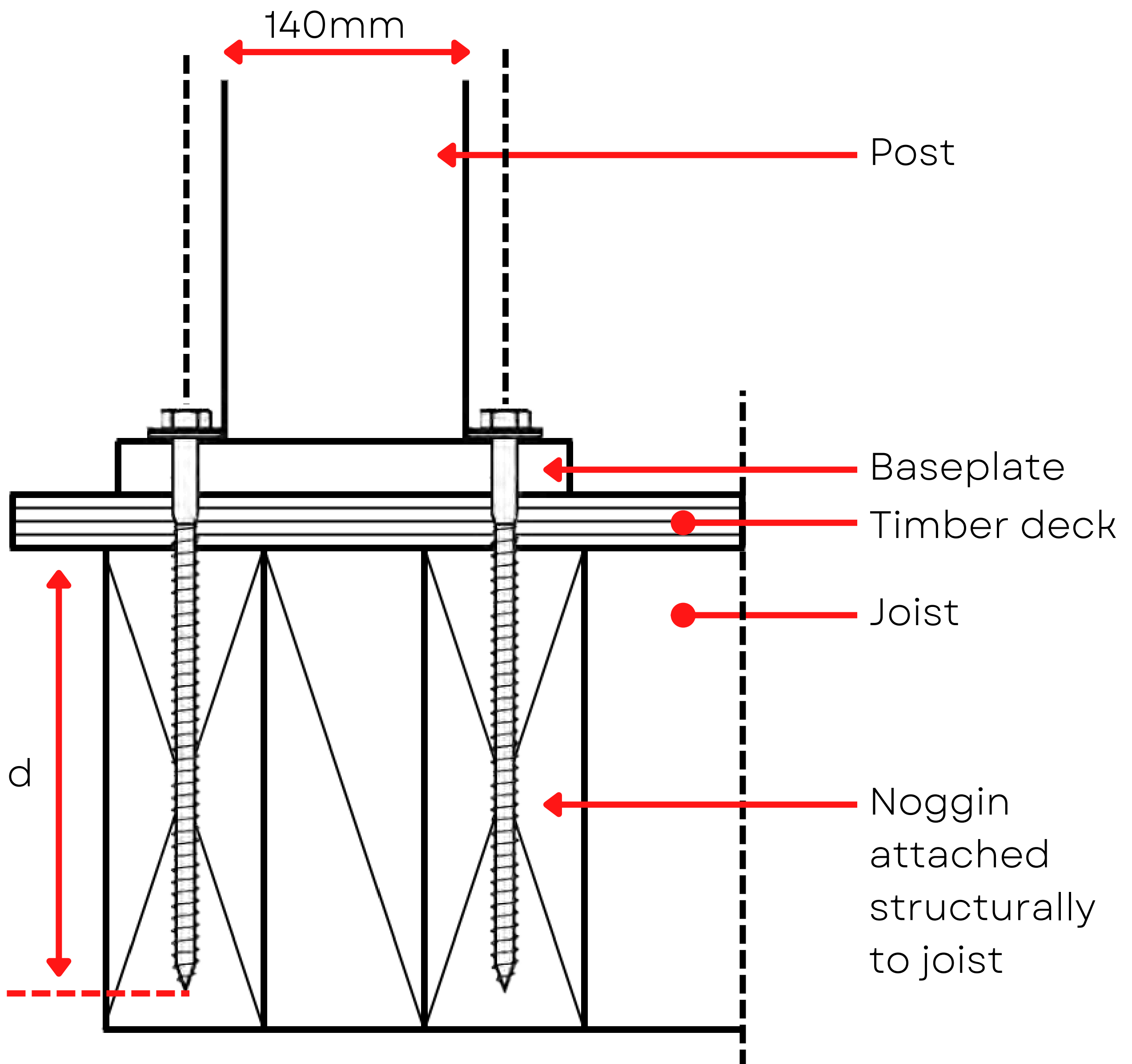


Remote Disconnection

1. Turn off the power for 15 seconds then turn the power back on and complete these steps within 30 seconds.
2. Open the back cover of the remote control and press and hold the U2 button for more than 7 seconds.
3. The motor will make a "didi" sound.
4. Press and hold the stop button on the remote control for more than 2 seconds. Then press and hold the up button on the remote for more than 2 seconds to successfully disconnect the remote.

TIMBER FOUNDATION INSTALLATION

Using M10 timber screws, a minimum of 80mm embedment (d) is required for low wind-rated areas. For high wind-rated areas, a minimum embedment (d) of 120mm is required however, please consult a professional. Fasten 4 screws per post. Each screw must be embedded into a joist or noggin to ensure strength and safety.



STORAGE

If your Louvre Lounge won't be used for a longer period of time, we recommend removing the pergola from the brackets and storing it away.

- Make sure that the frame is completely dry before storing.
- Store the Pergola in a dry and safe place that is out of reach from children.

DISPOSAL

Do not dispose of this Pergola with other household waste.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources.

Please contact us at help@louvrelounge.co.nz, and we will help arrange disposal for you. NOTE: Customers are responsible for all costs needed for disposal.

Dispose packing materials according to local guidelines.

MAINTENANCE

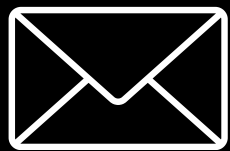
To ensure your Louvre Lounge lasts for many years to come, it's essential that you follow this maintenance guide:

- Please clean the louvre system at least once a year.
- Do not use any abrasive or harsh chemicals, please use a soft sponge and water.
- If a pressure washer is used, ensure sufficient distance to make sure it doesn't damage the surface.
- Check all screws at least once a year to ensure they're tight.
- Check the condition of sealing components regularly to make sure they don't leak.
- Regularly check and remove debris such as fallen leaves to prevent blockages.
- Please ensure you leave the Louvres OPEN if heavy winds are expected or the louvre system won't be used for an extended period of time.
- Keep the remote away from water/rain.

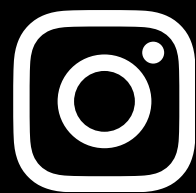
The Louvre Lounge



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