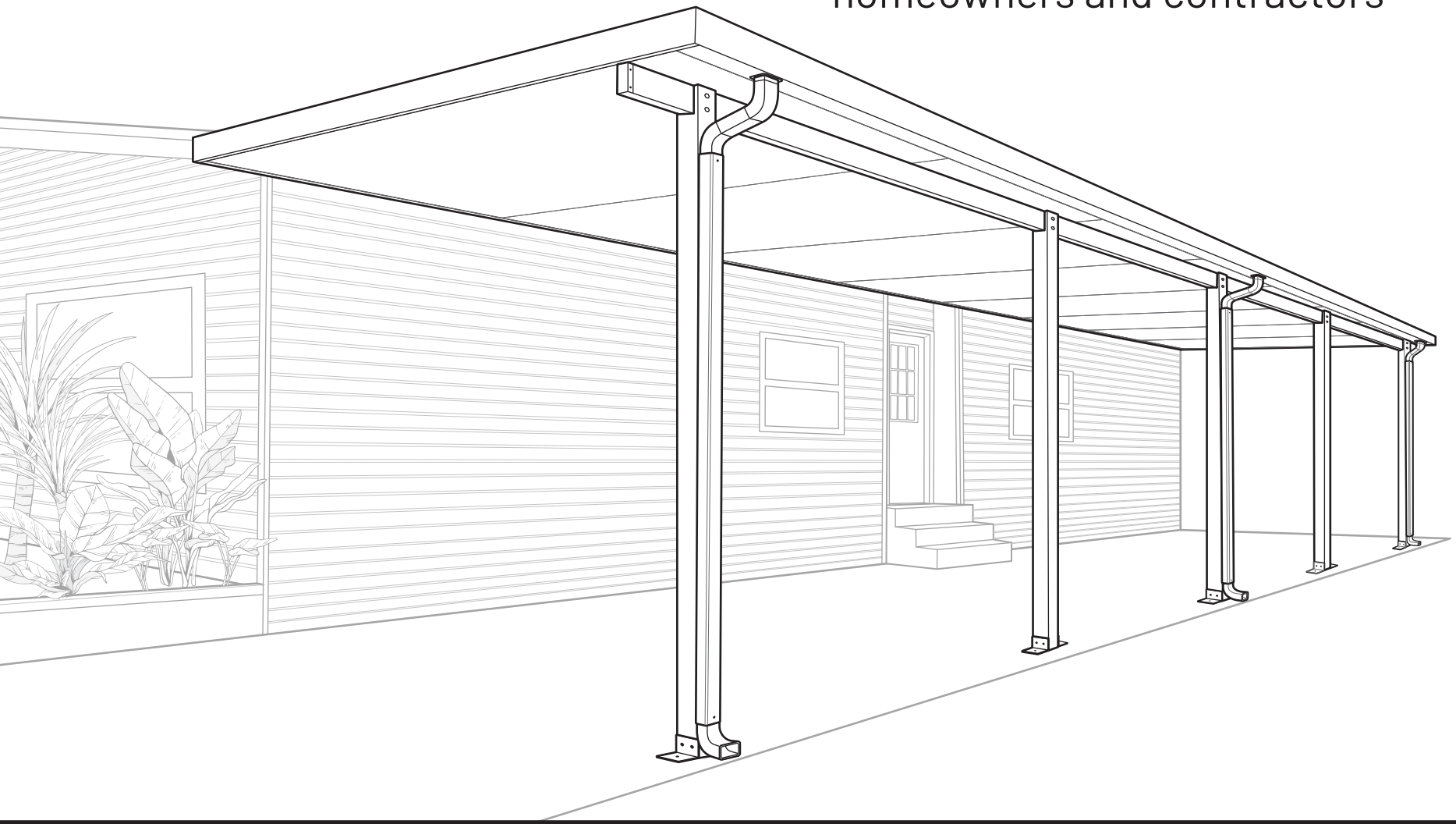
ALUMCENTER LLC
ALUMINUM PATIO COVERS

PATIO COVER KIT

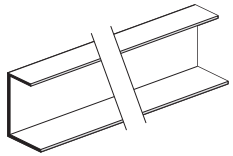
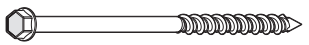
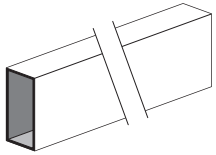
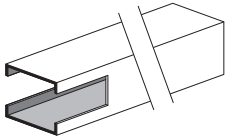
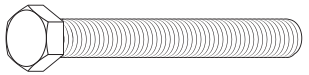
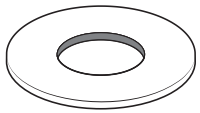
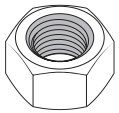
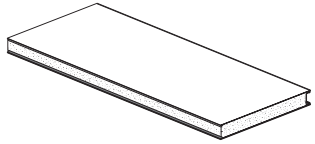
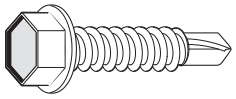
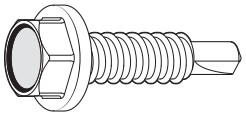
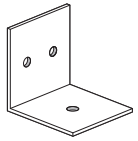
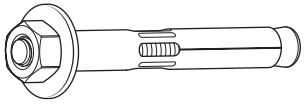
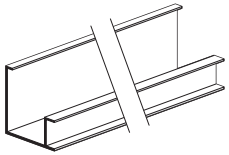
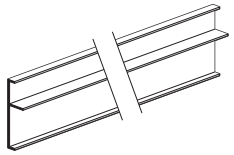
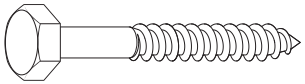
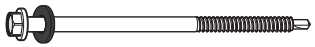
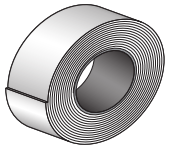
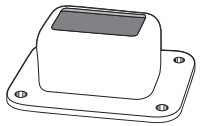
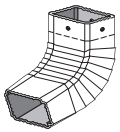
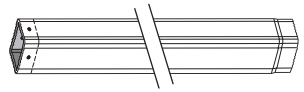
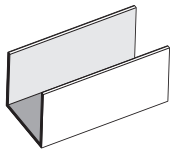
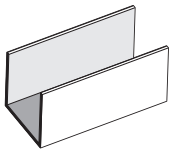
Florida-ready roof kits for
homeowners and contractors



INSTALLATION GUIDE

READ BEFORE INSTALLING

LIST OF COMPONENTS

A		3" Wall Header	**B**		Caulking
C		¼"x2 ¼" Tapcon Screw	**D**		2"x 5" Support Beam
E		3"x 3" Post	**F**		⅜"x 3 ½" Hex Bolt
G		⅜" Washer	**H**		⅜" Nut
I		Insulated Aluminum Panel	**J**		#12x 1" TEK Screw
K		#14x 1" TEK Screw	**L**		3"x 2" Angle
M		⅜" Sleeve Anchor	**N**		3"x 5" E-Gutter
O		5" Fascia	**P**		¼"x2" Lag Screw
Q		#14x 5" TEK Screw with Neoprene Washer	**R**		Peel & Seal Tape
S		Gutter Outlet	**T**		Elbow
U		Downspout			
V		2"x 5" Beam Cap White or Bronze	**W**		2"x 5" Wall Bracket Mill Finish

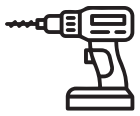
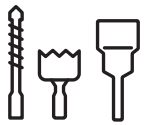
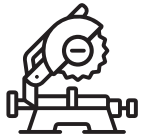
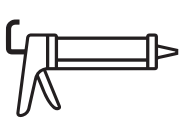
ALUMCENTER LLC
Patio Covers Kits

TOOLS & SAFETY GUIDELINES

BEFORE YOU BEGIN

Review the full installation guide, confirm your measurements, organize the materials and tools, and have at least two people available for the installation.

RECOMMENDED TOOLS

				 ¼" Aluminum ¼" Concrete ⅜" Aluminum ⅜" Concrete 2" Aluminum Socket adapter					
Tape measure	Level	Chalk line	Drill / impact driver	Drill bits and drivers for the supplied hardware*	Miter saw or circular saw	Workbench or sawhorses	Ladders	Clamps	Caulking gun

** Sizes may vary depending on the attachment method and hardware provided with your kit.*

GENERAL SAFETY GUIDELINES

TWO-PERSON INSTALLATION RECOMMENDED: Some panels, beams, and other components can be large and difficult to handle. We recommend having at least two capable adults available to help lift, position, and secure these parts during installation.

LADDER SAFETY: Place ladders on a firm, level surface and make sure they are stable before use. Avoid reaching too far to either side. Move the ladder as needed so you can work comfortably and safely.

WEATHER CONDITIONS: Choose a day with suitable weather for the installation. Avoid working during rain, thunderstorms, strong winds, or when ladders and work surfaces are wet or slippery.

SAW SAFETY: Secure materials to a stable workbench or sawhorse before cutting. Make sure the material is properly supported and that the cut-off section has enough room to move freely.

PERSONAL PROTECTIVE EQUIPMENT & WORK AREA

PERSONAL PROTECTIVE EQUIPMENT (PPE): Use appropriate safety equipment during installation, including safety glasses, work gloves, hearing protection when using power tools, and sturdy closed-toe shoes.

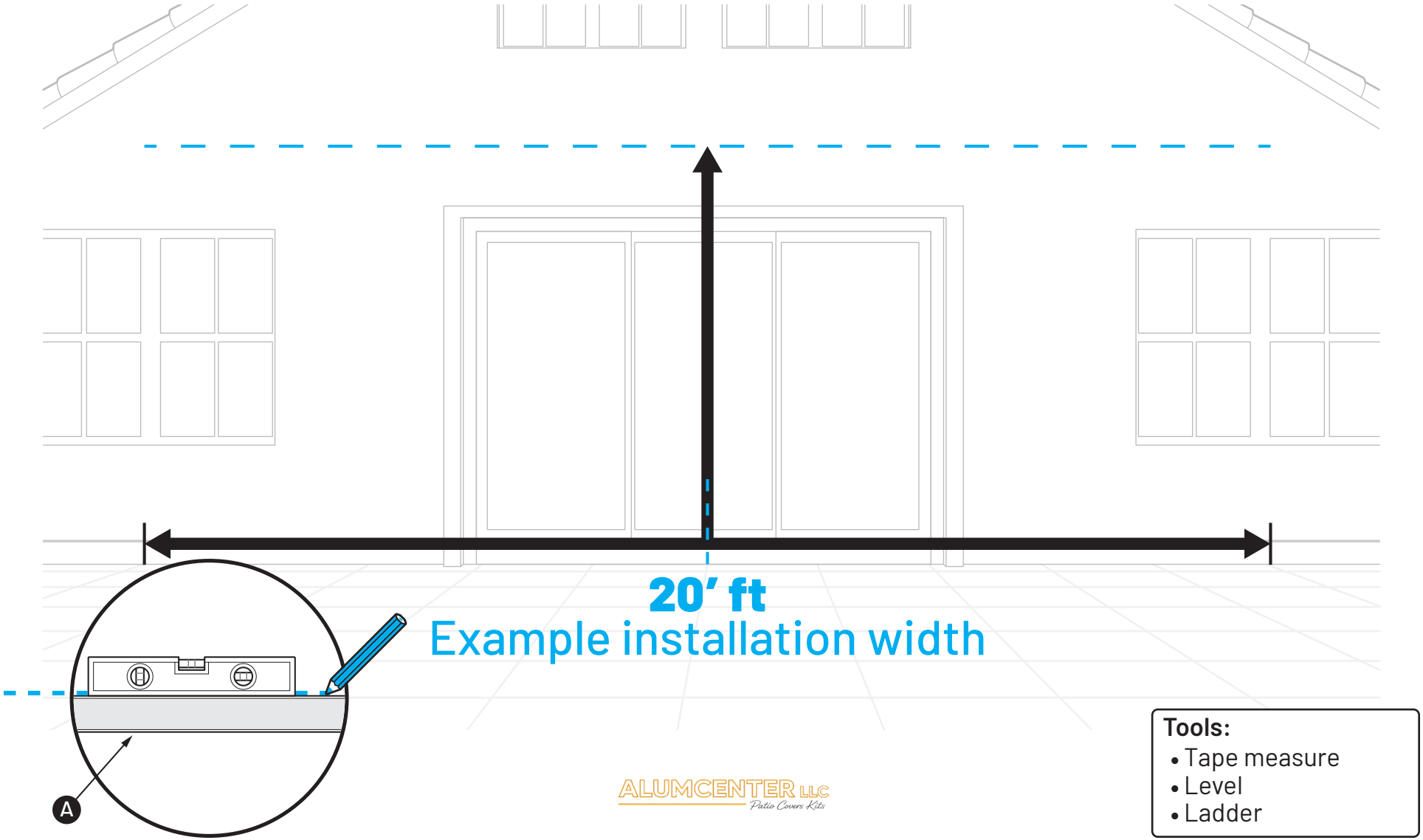
WORK AREA: Keep the installation area clean and organized. Keep tools, packaging, and materials out of walkways so you have a clear and comfortable area to work in.

<u>These guidelines are intended to help you prepare for a smooth and organized DIY installation.</u>

1. PREPARE FOR INSTALLATION

Step 1 — Measure and Mark the Installation Area

Measure and mark the required installation width and height. Use a level to mark the position of the Wall Header (A), ensuring the line is straight and level.



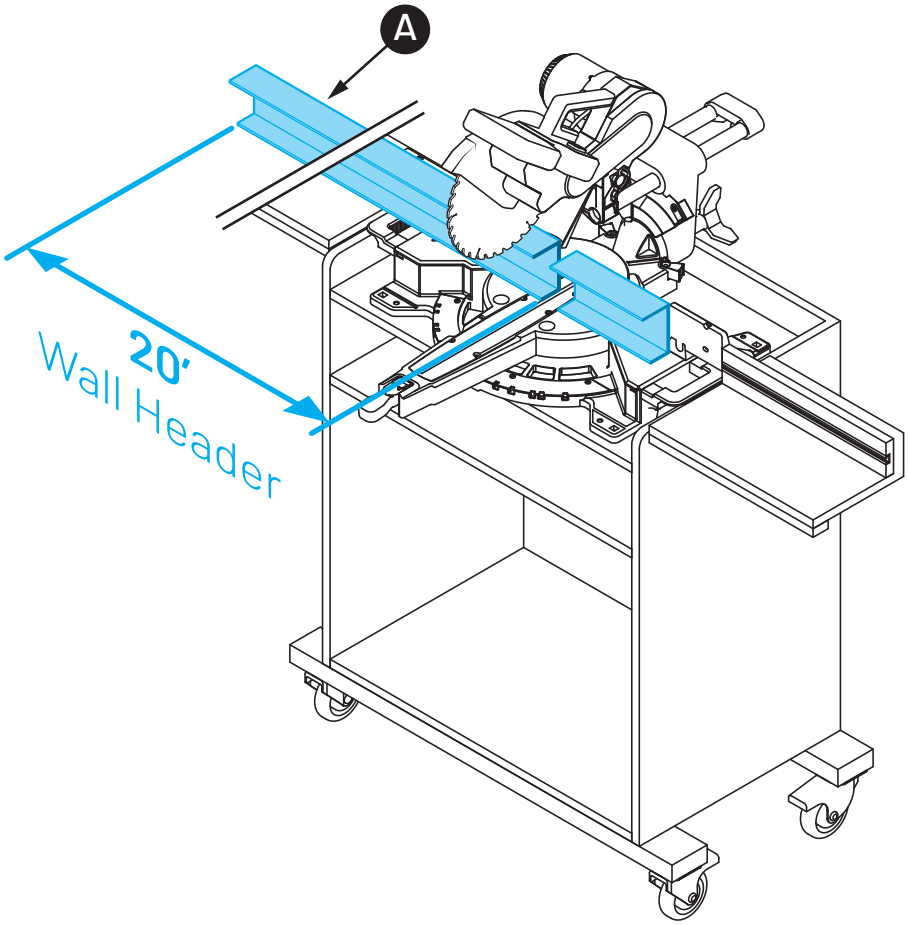
Tools:

- Tape measure
- Level
- Ladder

ALUMCENTER LLC
Patio Covers Kits

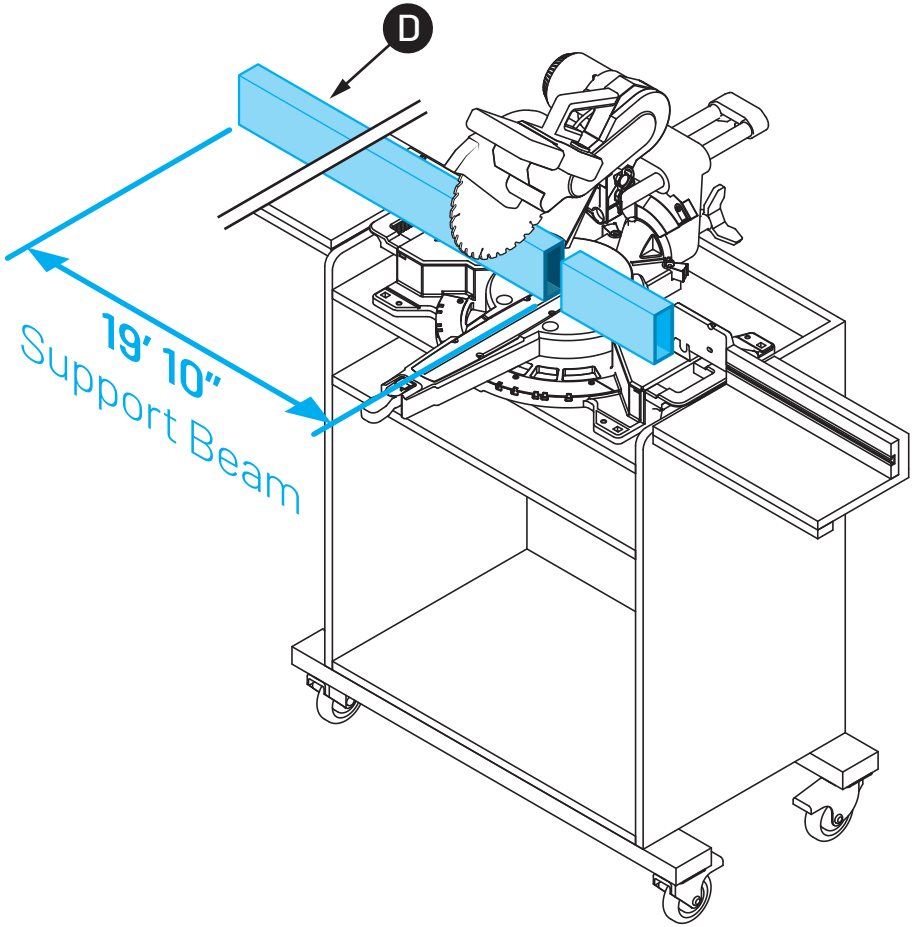
Step 2 – Cut the Wall Header

Measure and cut the Wall Header (A) to the required installation width using a miter saw.



Step 3 – Cut the Support Beam

Cut the Support Beam (D) **2"** shorter than the Wall Header (A), allowing **1"** of clearance on each end for the Fascia lip.

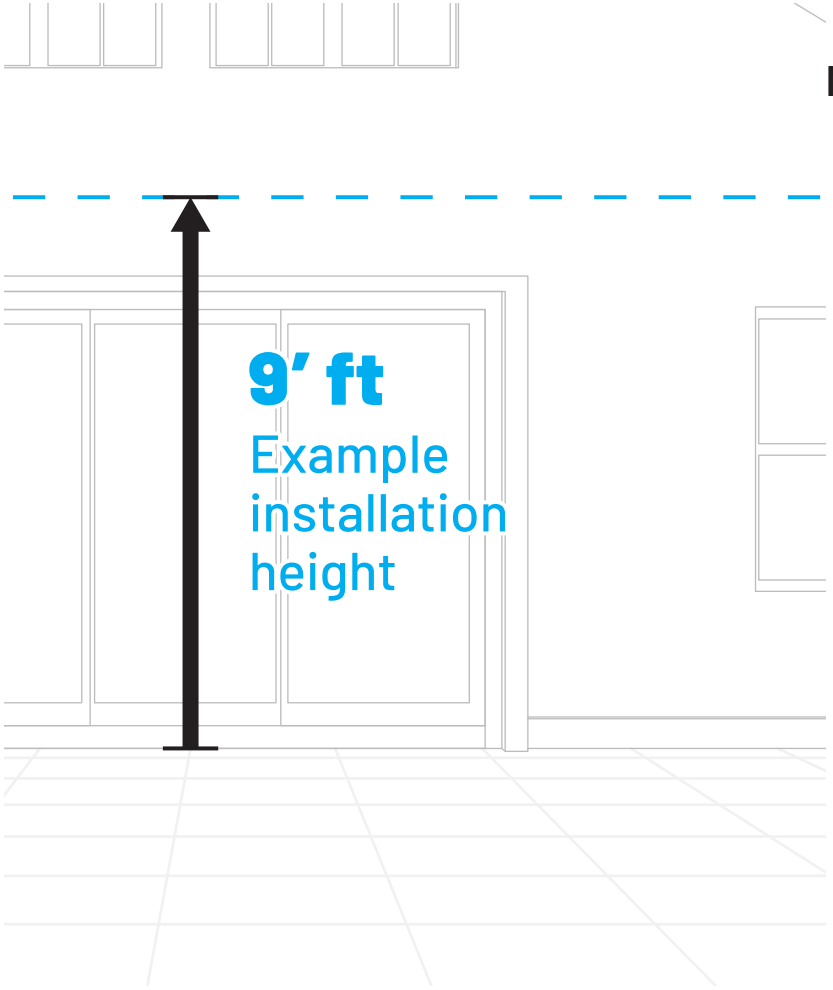


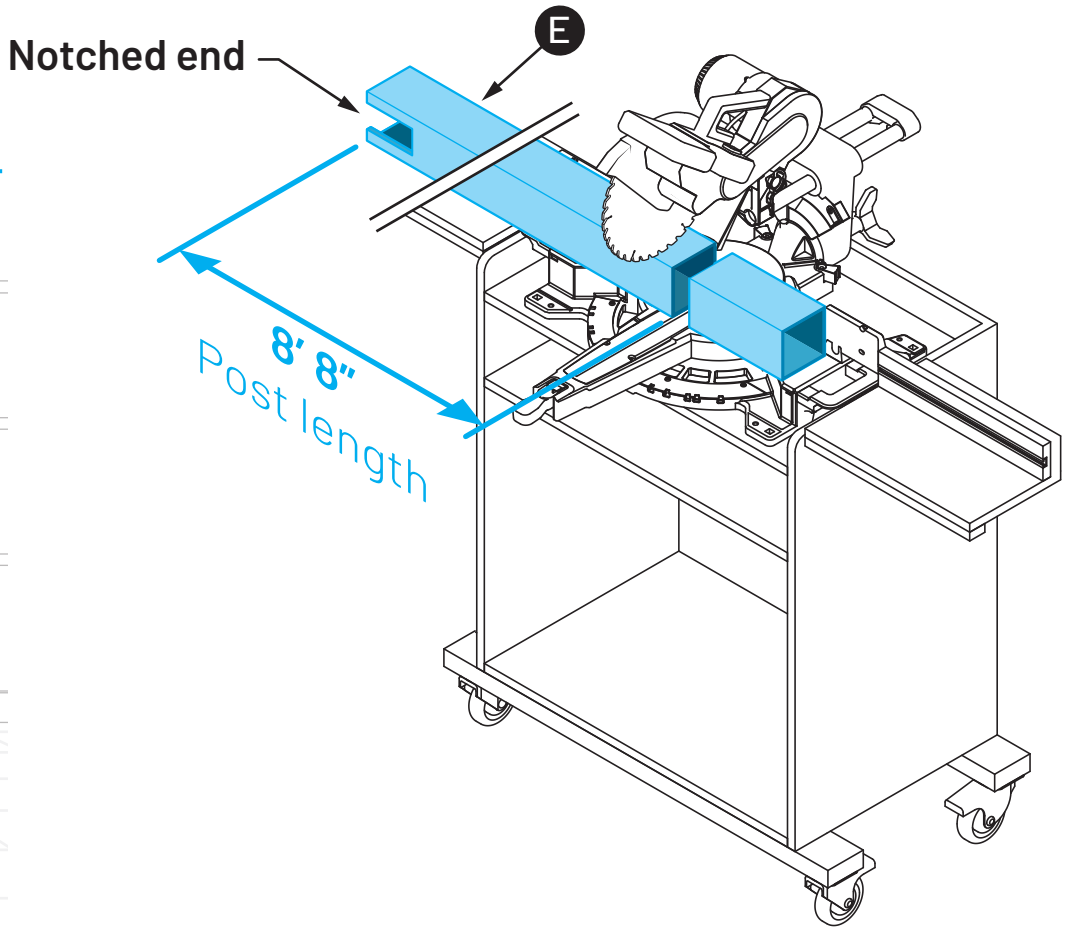
Tools:

- Tape measure
- Saw workbench
- F-Clamp

Step 4 – Cut the Posts

To create the required roof slope, cut each Post (E) **3"** to **4"** shorter than the installation height established in Step 1. **Cut only from the end opposite the notch**. Repeat for all Posts.



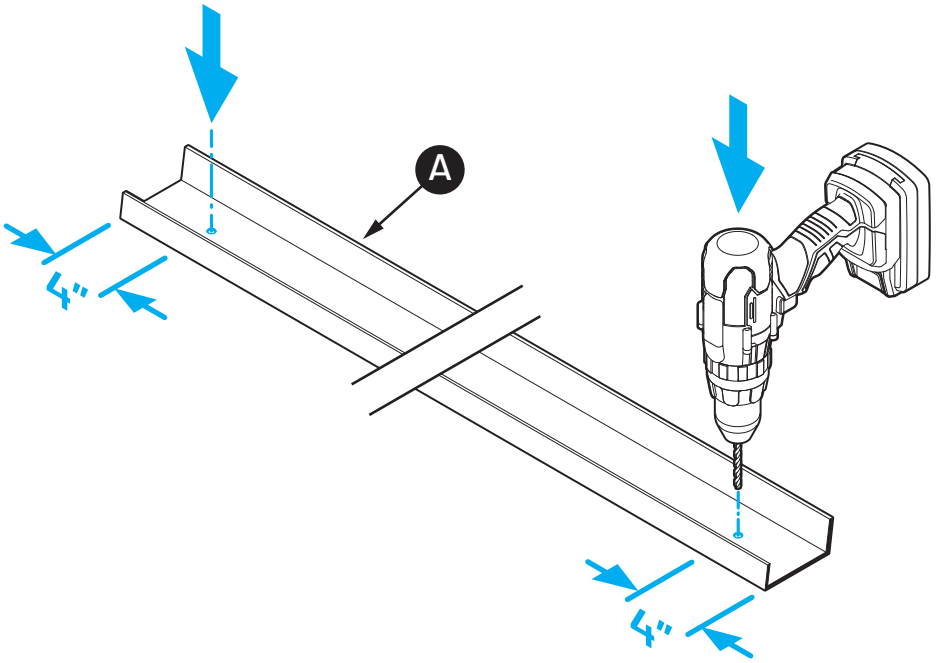


Tools:
- Tape measure
- Saw workbench
- F-Clamp

2. MOUNTING THE WALL HEADER

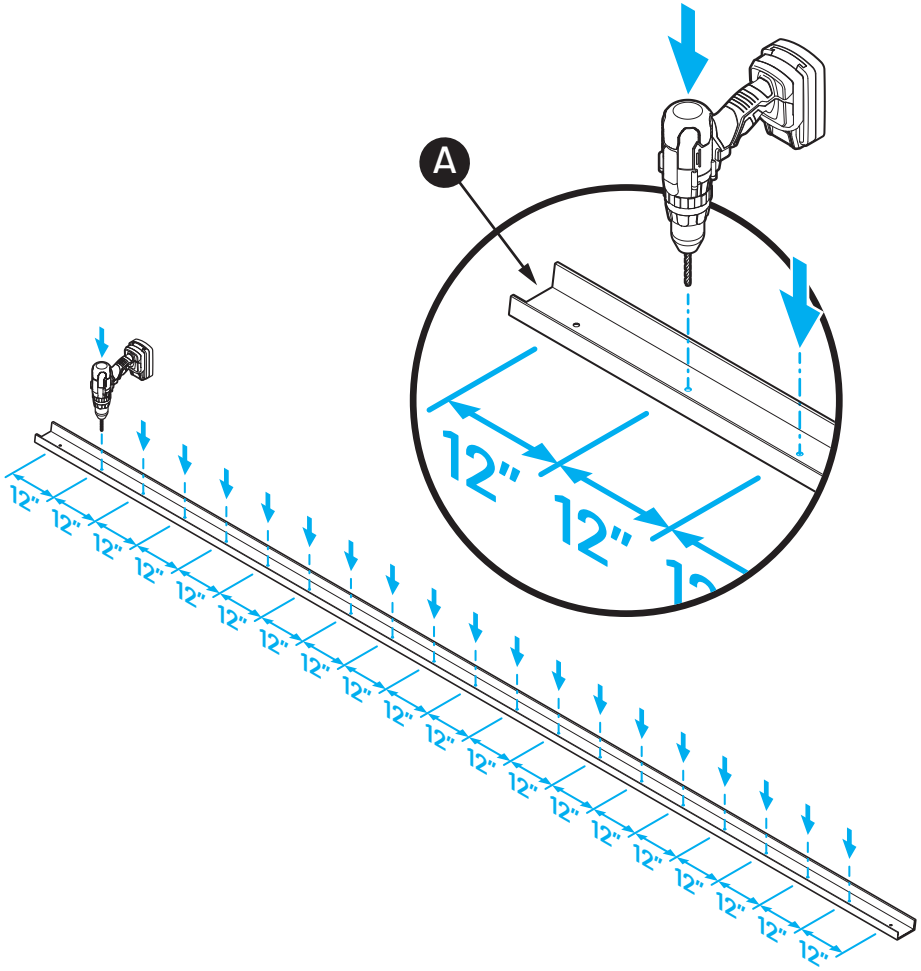
Step 5 – Drill the End Holes

Drill a **¼"** hole in the Wall Header (A), **4"** from each end, as shown.



Step 6 – Drill the Remaining Holes

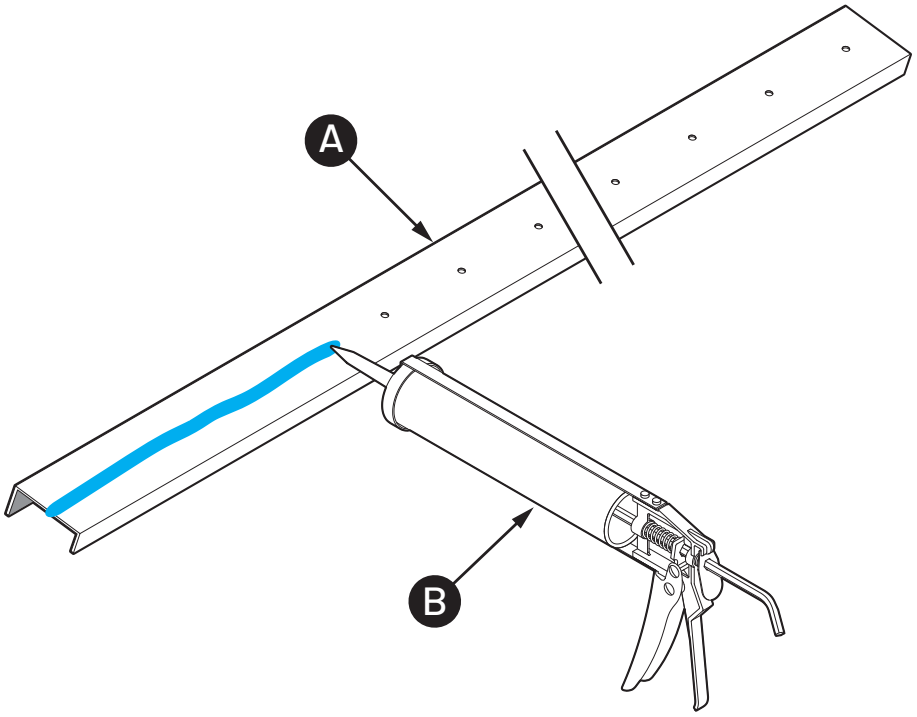
Starting from the holes drilled in Step 5, drill additional **¼"** holes along the Wall Header (A), spaced **12"** apart.



Tools:
- Tape measure
- Drill
- ¼" Aluminum drill bit

Step 7 – Apply Caulking

Apply a continuous bead of Caulking (B) along the outside of the Wall Header (A), covering the drilled holes as shown to help prevent water penetration.

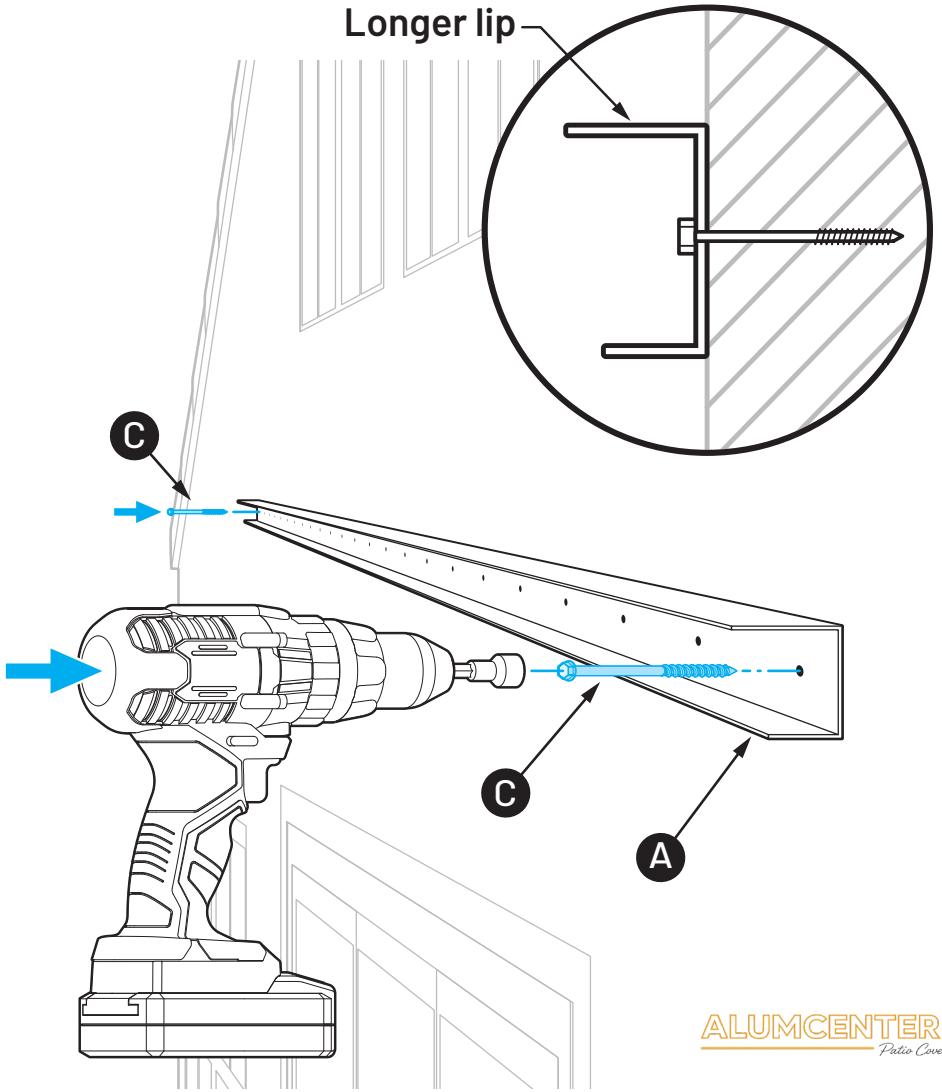


Tools:

- Caulking gun
- Ladder
- Drill
- Socket adapter bit

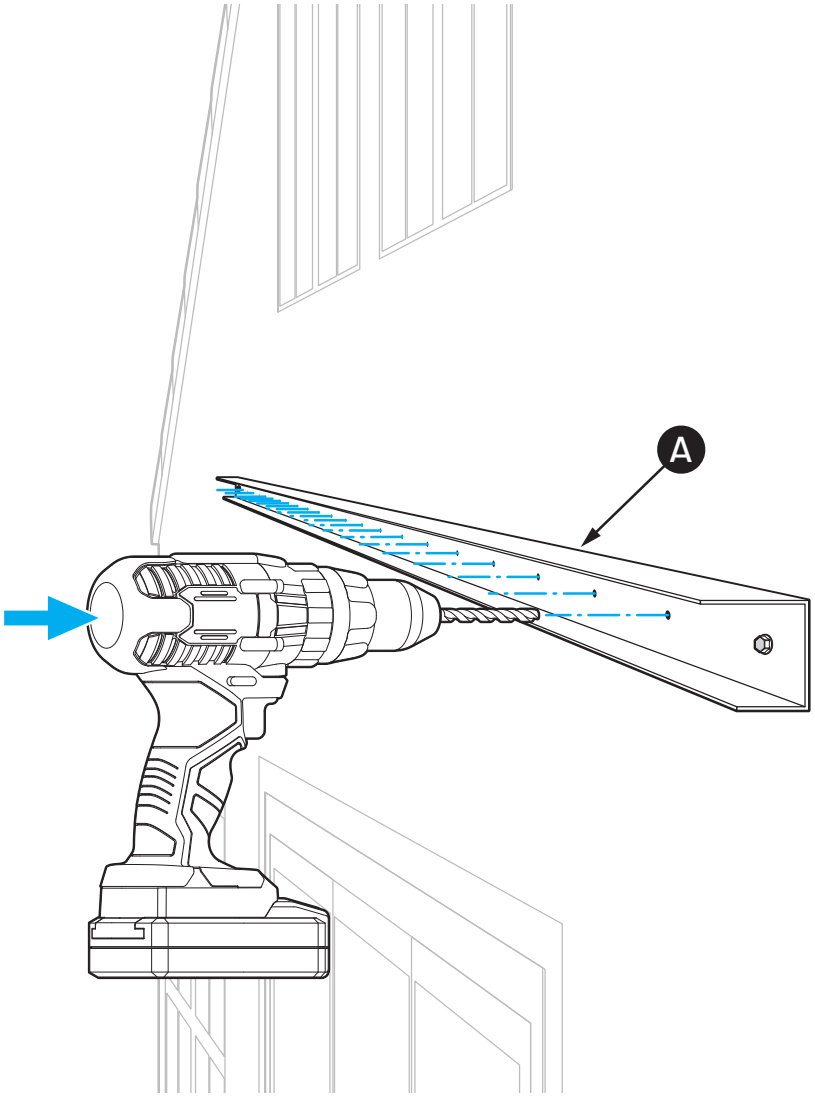
Step 8 – Position & Attach the Wall Header

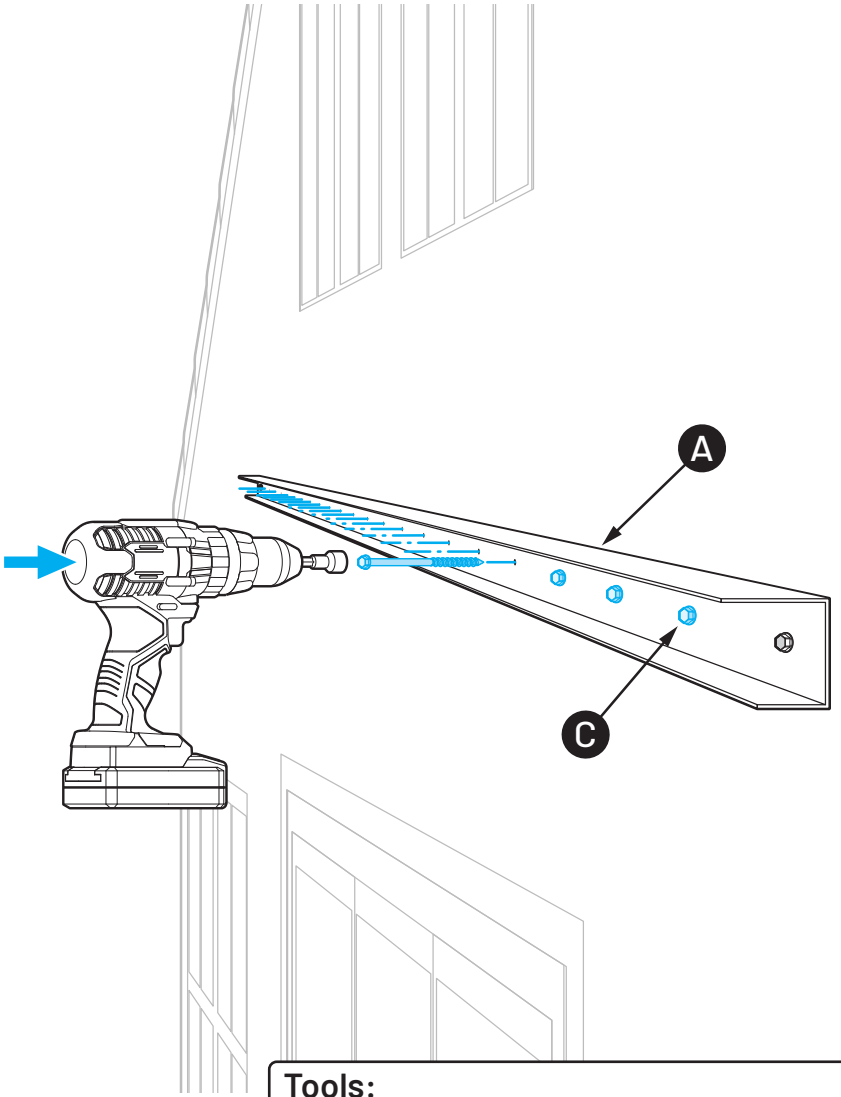
Align the Wall Header (A) with the level line marked in Step 1, keeping the longer lip at the top. Secure it temporarily with one ¼" Tapcon Screw (C) at each end.



Step 9 – Secure the Wall Header

Using the remaining holes in the Wall Header (A) as guides, drill into the wall and install a ¼" Tapcon Screw (C) at each location to secure the Header.



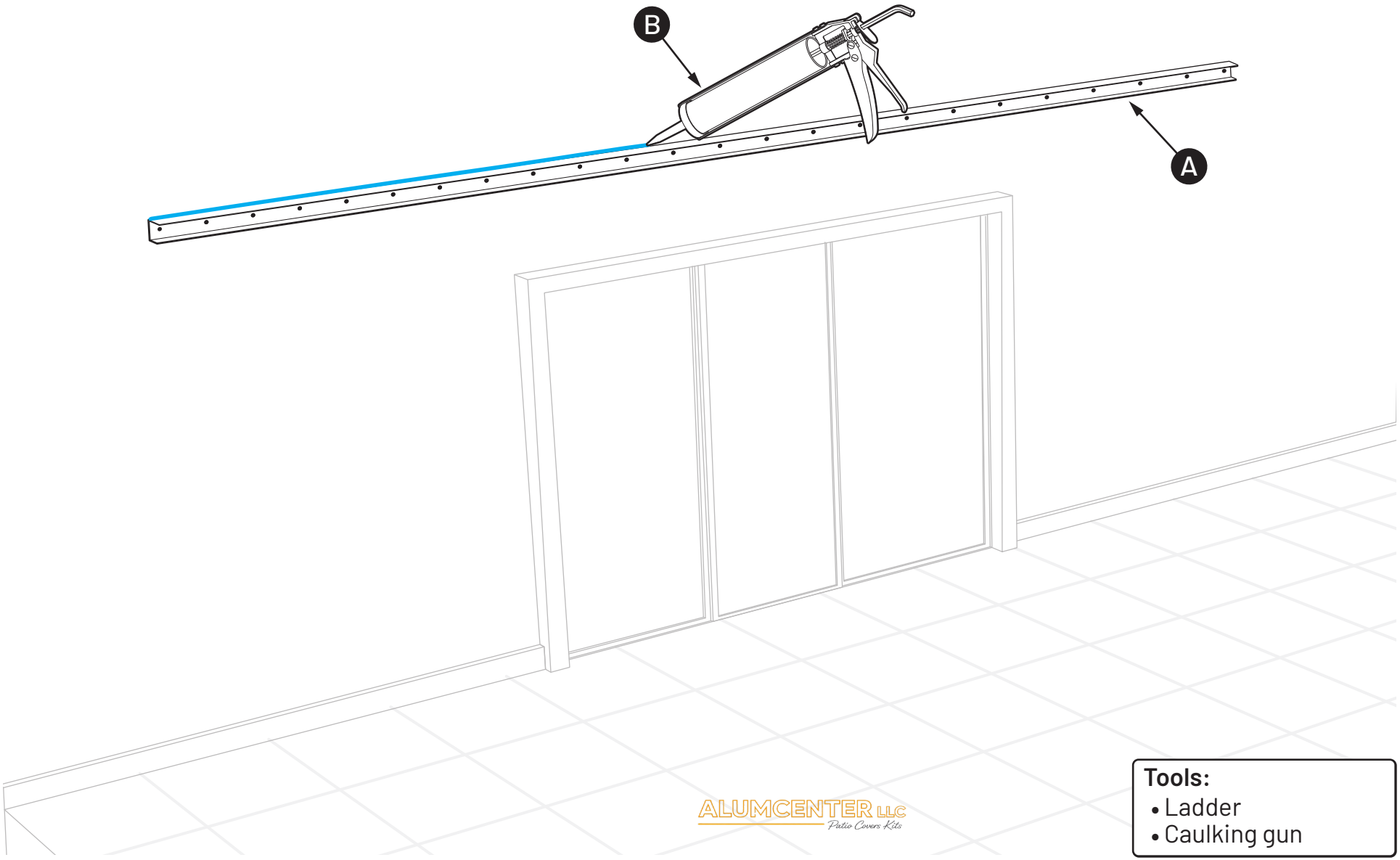


Tools:

- Ladder
- Drill
- 3/16" Concrete drill bit
- Socket adapter bit

Step 10 – Seal the Top Joint

Apply a continuous bead of Caulking (B) along the upper joint where the Wall Header (A) meets the wall. Ensure the entire joint is sealed to prevent water from entering behind the Header.



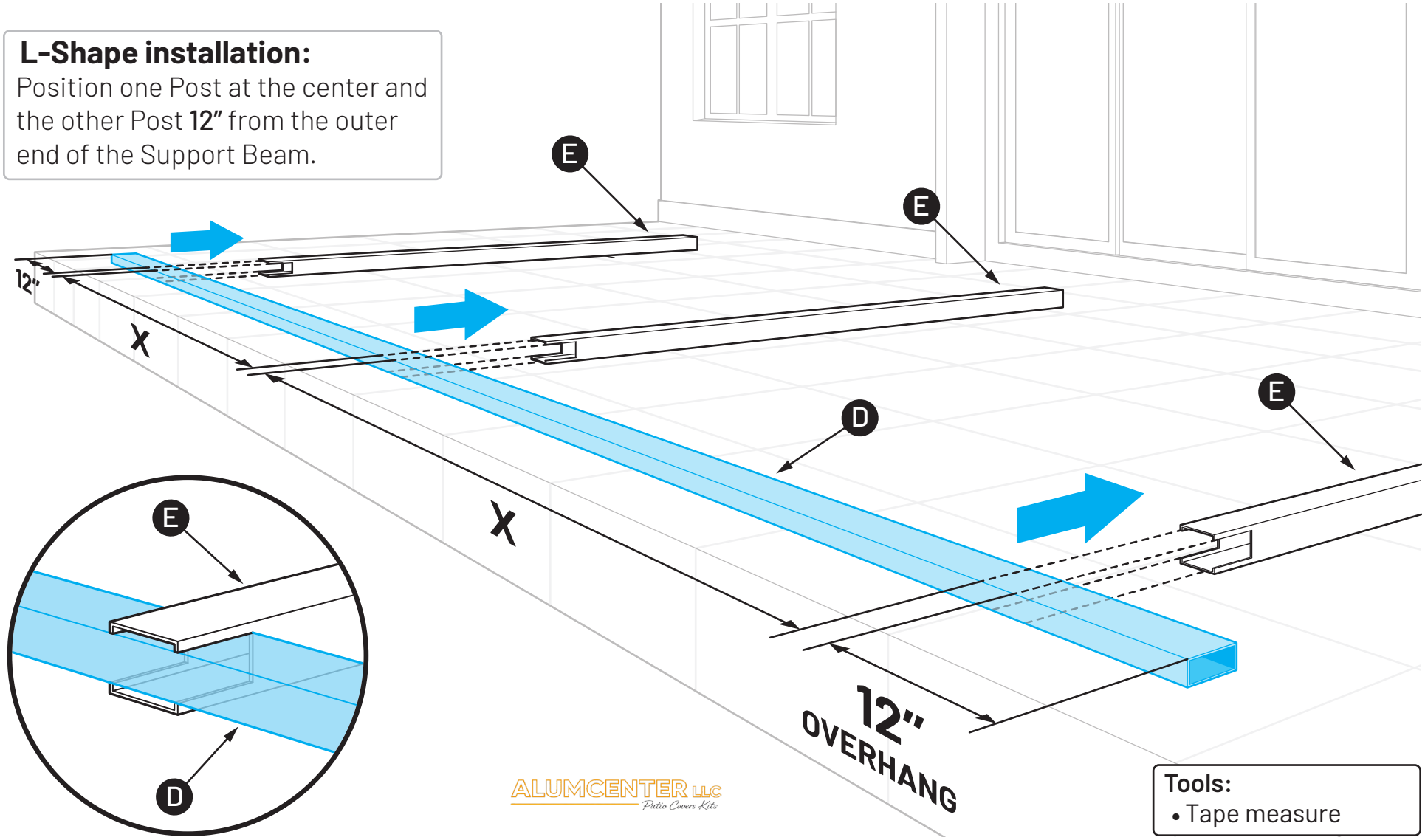
Tools:
- Ladder
- Caulking gun

3. ATTACHING THE POSTS TO THE SUPPORT BEAM

Step 11 – Position the Posts

Insert the Support Beam (D) into the notched ends of the Posts (E). Position one Post at the center and the remaining two Posts 12" from each end of the Beam to create equal overhangs.

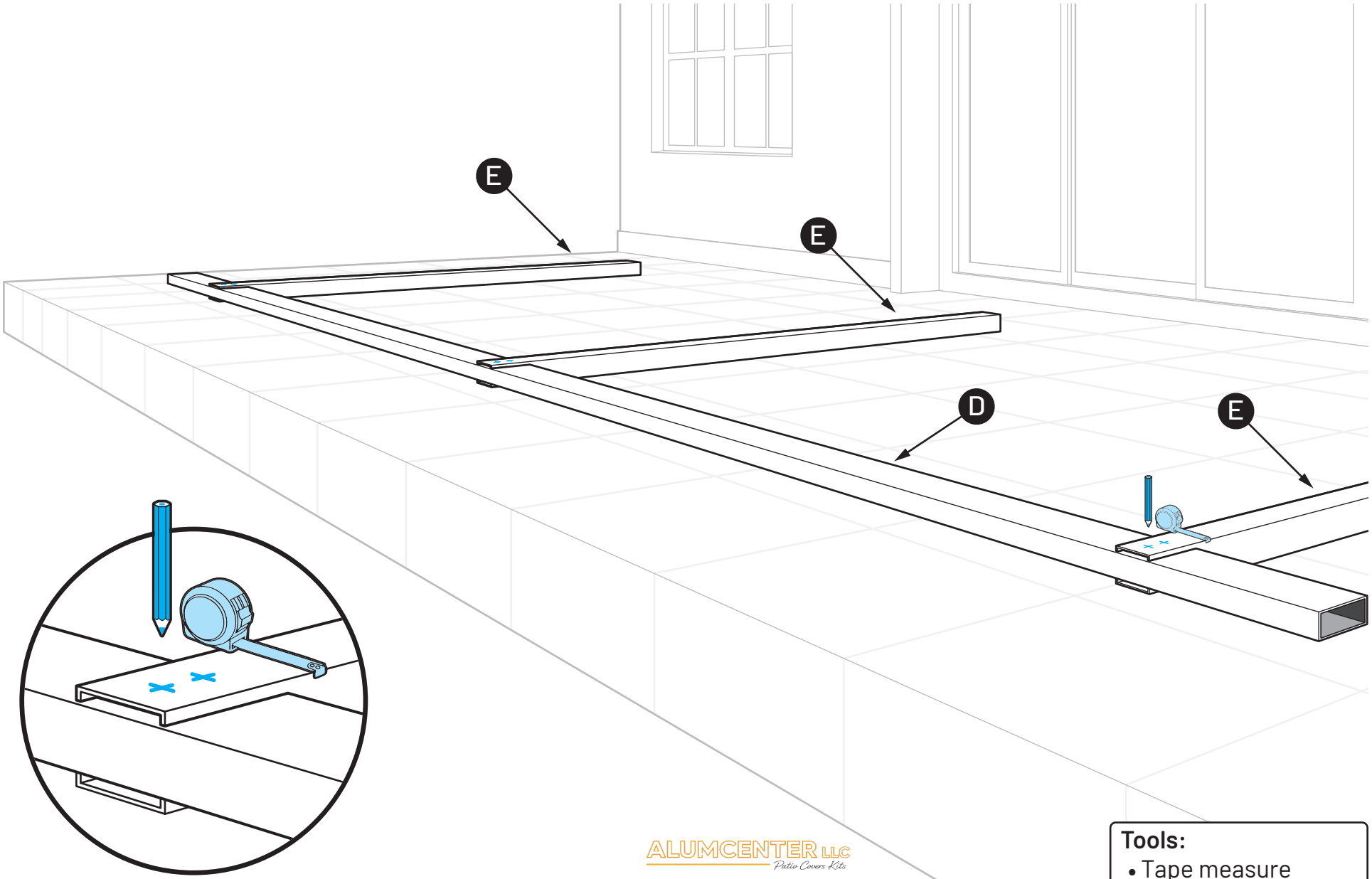
L-Shape installation:
Position one Post at the center and the other Post **12"** from the outer end of the Support Beam.



Tools:
- Tape measure

Step 12 — Mark the Bolt Locations

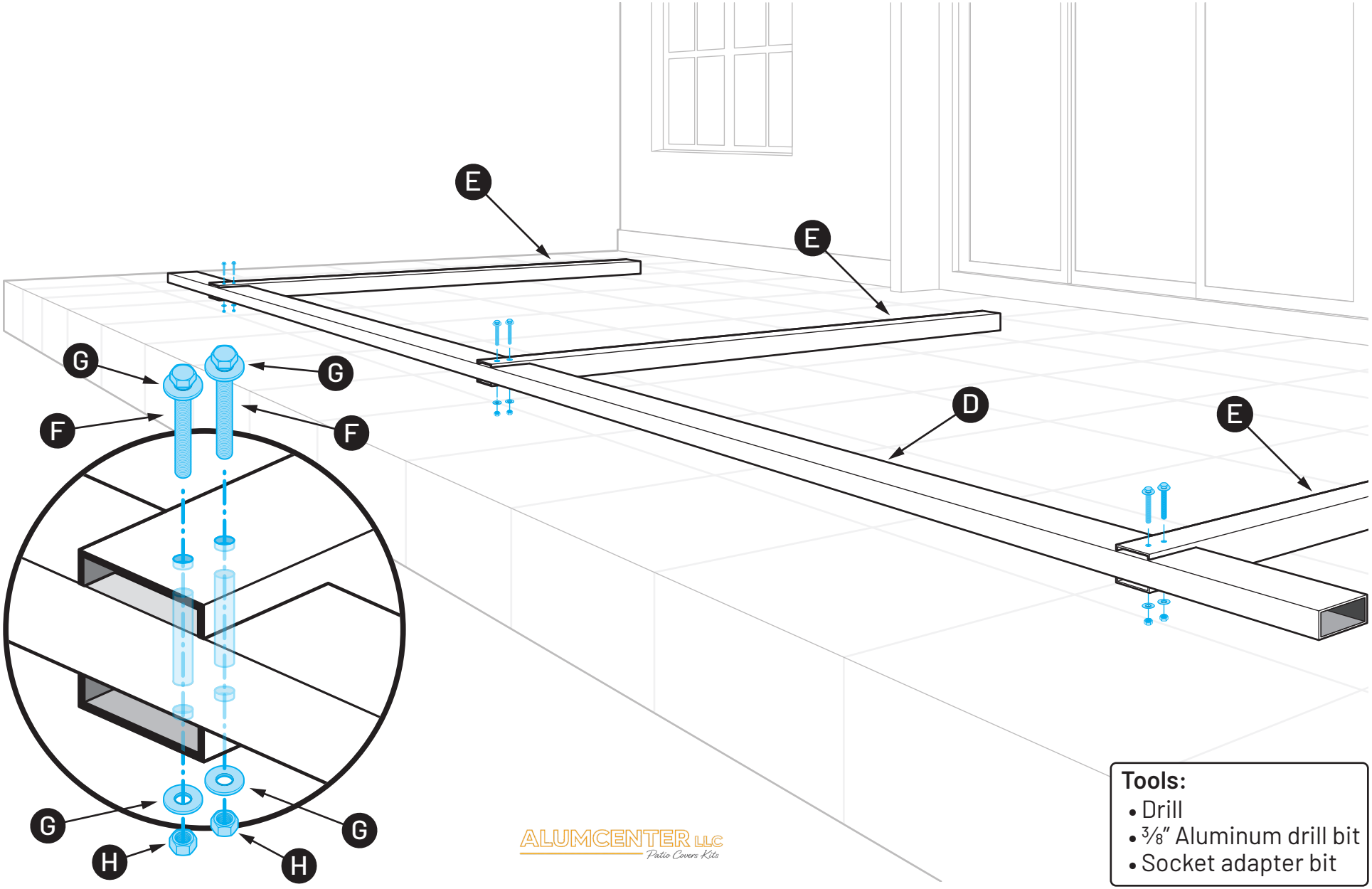
Mark two centered bolt locations at the top of each Post (E), as shown in the illustration.



Tools:
- Tape measure

Step 13 — Secure the Posts to the Beam

Drill through the marked locations and secure each Post (E) to the Support Beam (D) using ⅜" Hex Bolts (F), Washers (G), and Nuts (H), as illustrated.



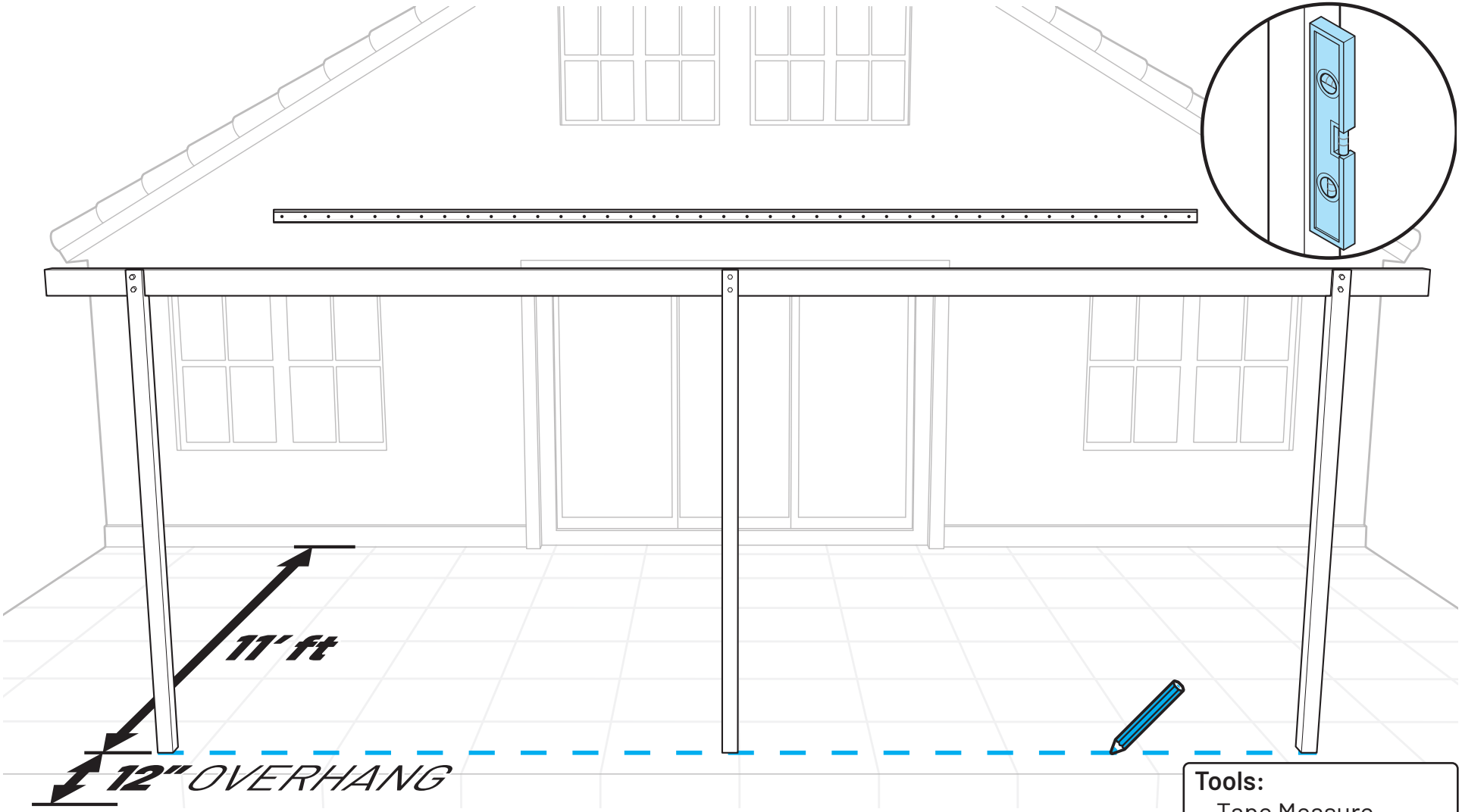
Tools:
- Drill
- ⅜" Aluminum drill bit
- Socket adapter bit

ALUMCENTER LLC
Patio Covers Kits

4. POSITIONING THE POSTS

Step 14 – Position and Level the Posts

Measure and mark the Post locations 11′ from the wall, allowing a 12″ front overhang for the 12′ roof panels. Position the Posts at the marked locations and use a level to ensure each Post is straight.



Tools:
- Tape Measure
- Level

ALUMCENTER LLC
Patio Covers Kits

ADDITIONAL STEPS FOR L-SHAPE INSTALLATIONS

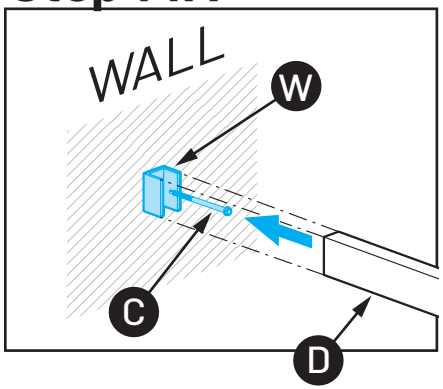
Step 14A – Install the Wall Bracket

For L-shape installations, attach the Wall Bracket (W) to the wall, aligned with the Support Beam (D), using three ¼" Tapcon Screw (C). Use a level to ensure proper alignment.

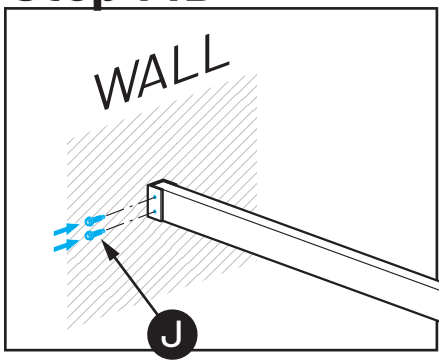
Step 14B – Secure the Support Beam

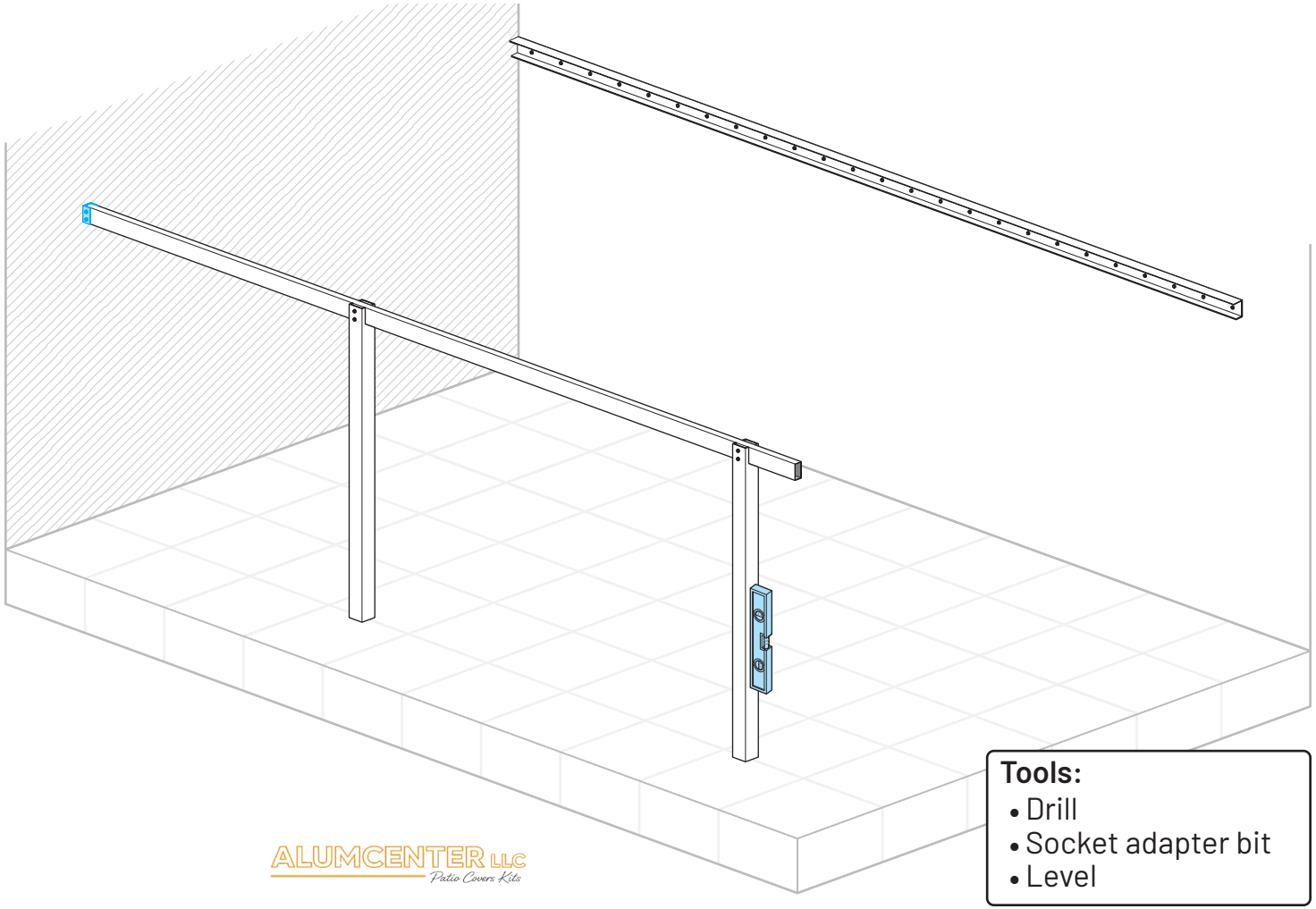
Insert the end of the Support Beam (D) into the Wall Bracket (W) and secure it using three #12 TEK Screws (J), as shown.

Step 14A



Step 14B



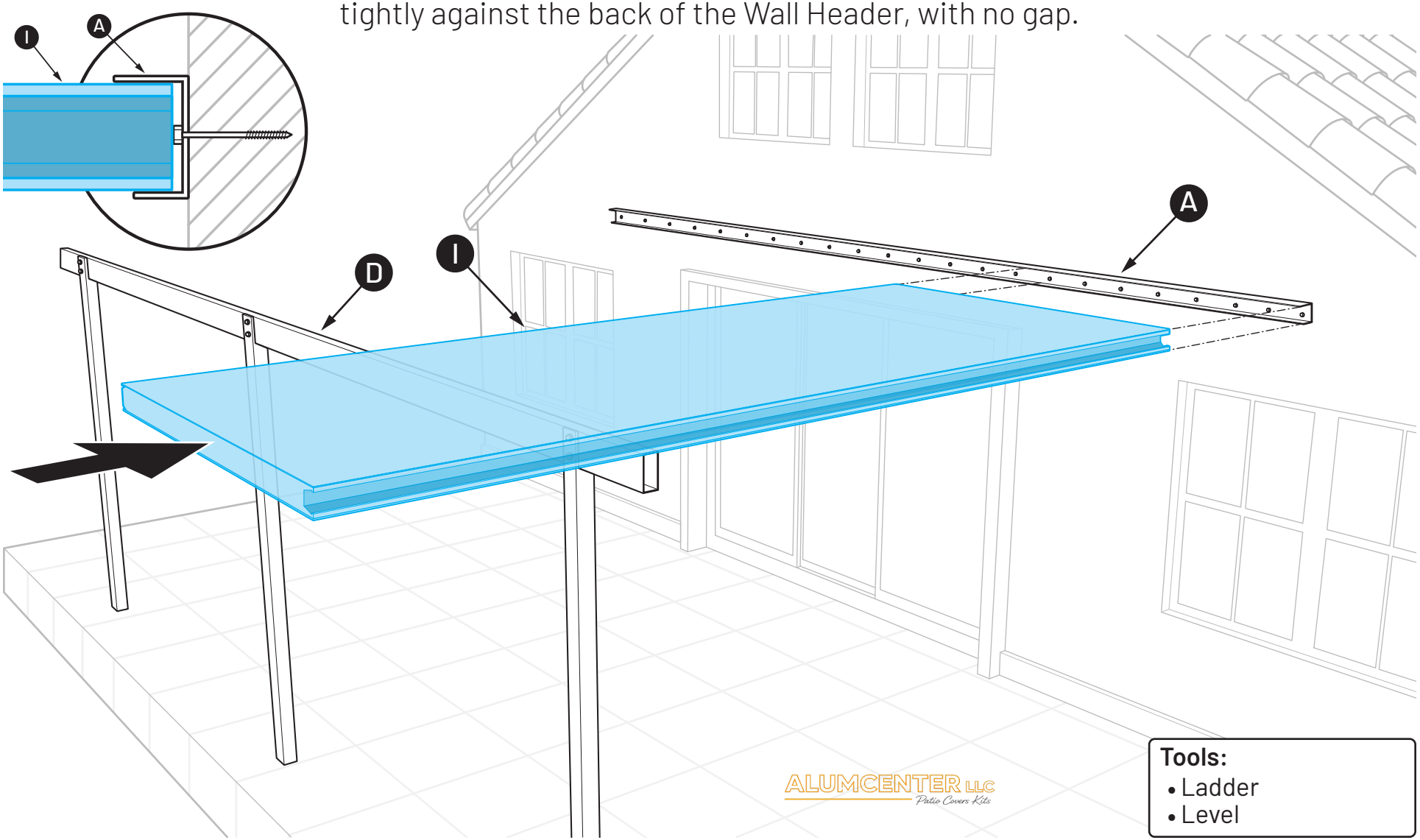


Tools:
- Drill
- Socket adapter bit
- Level

5. INSTALLING THE PANELS

Step 15 – Position the First Panel

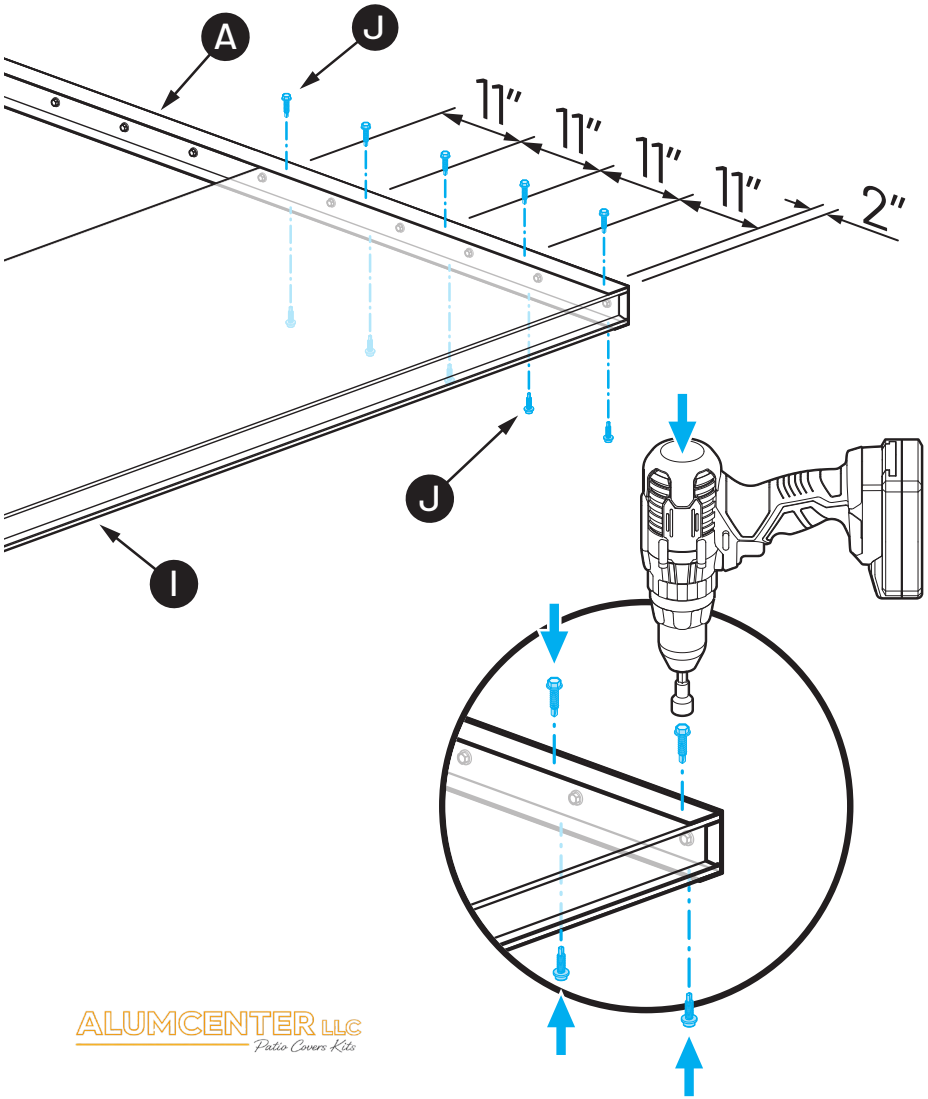
Place the first Panel (I) on the Support Beam (D) and slide it fully into the Wall Header (A). Align the female side of the Panel with the right-hand ends of the Beam and Header. Ensure the Panel fits tightly against the back of the Wall Header, with no gap.



Tools:
- Ladder
- Level

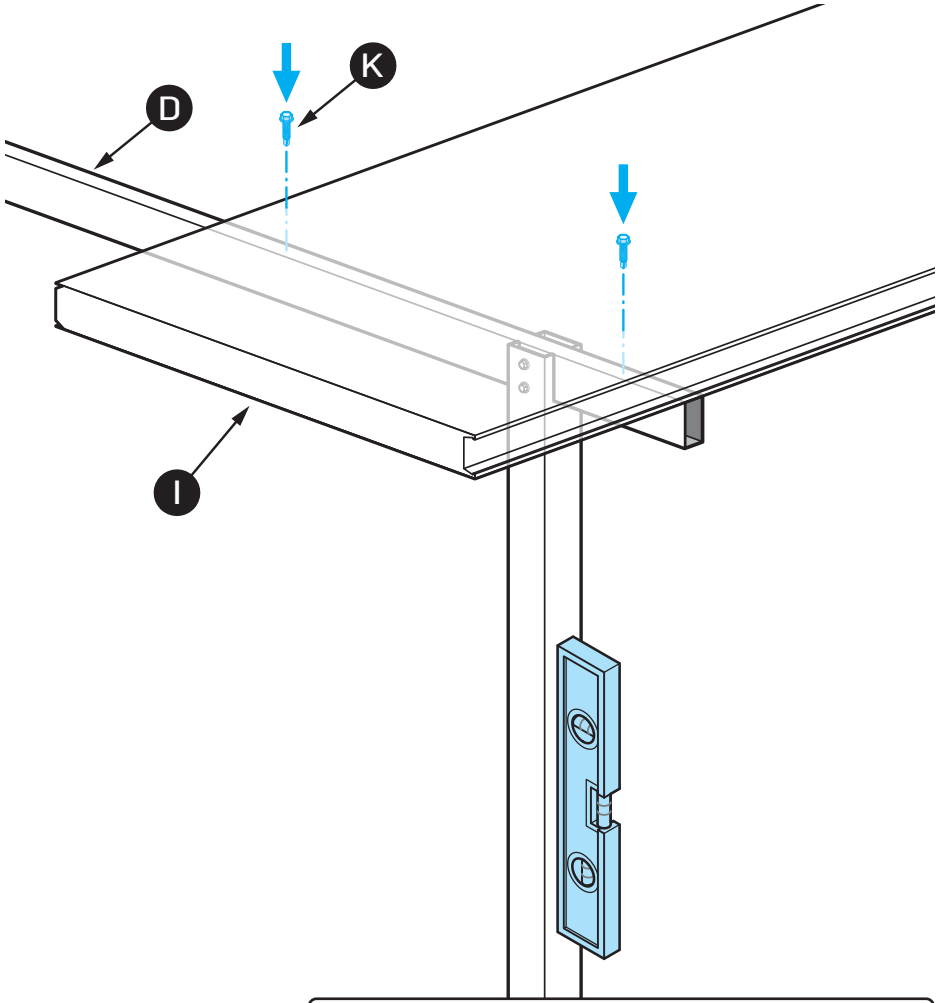
Step 16 — Secure the Panel to the Wall Header

Secure the first Panel (I) to the Wall Header (A) using #12 TEK Screws (J) from both the top and bottom, following the screw spacing shown in the illustration.



Step 17 — Secure the Panel to the Support Beam

Check that the front Posts are straight using a level. Secure the first Panel (I) to the Support Beam (D) with two #14 TEK Screws (K), one at each end of the Panel.

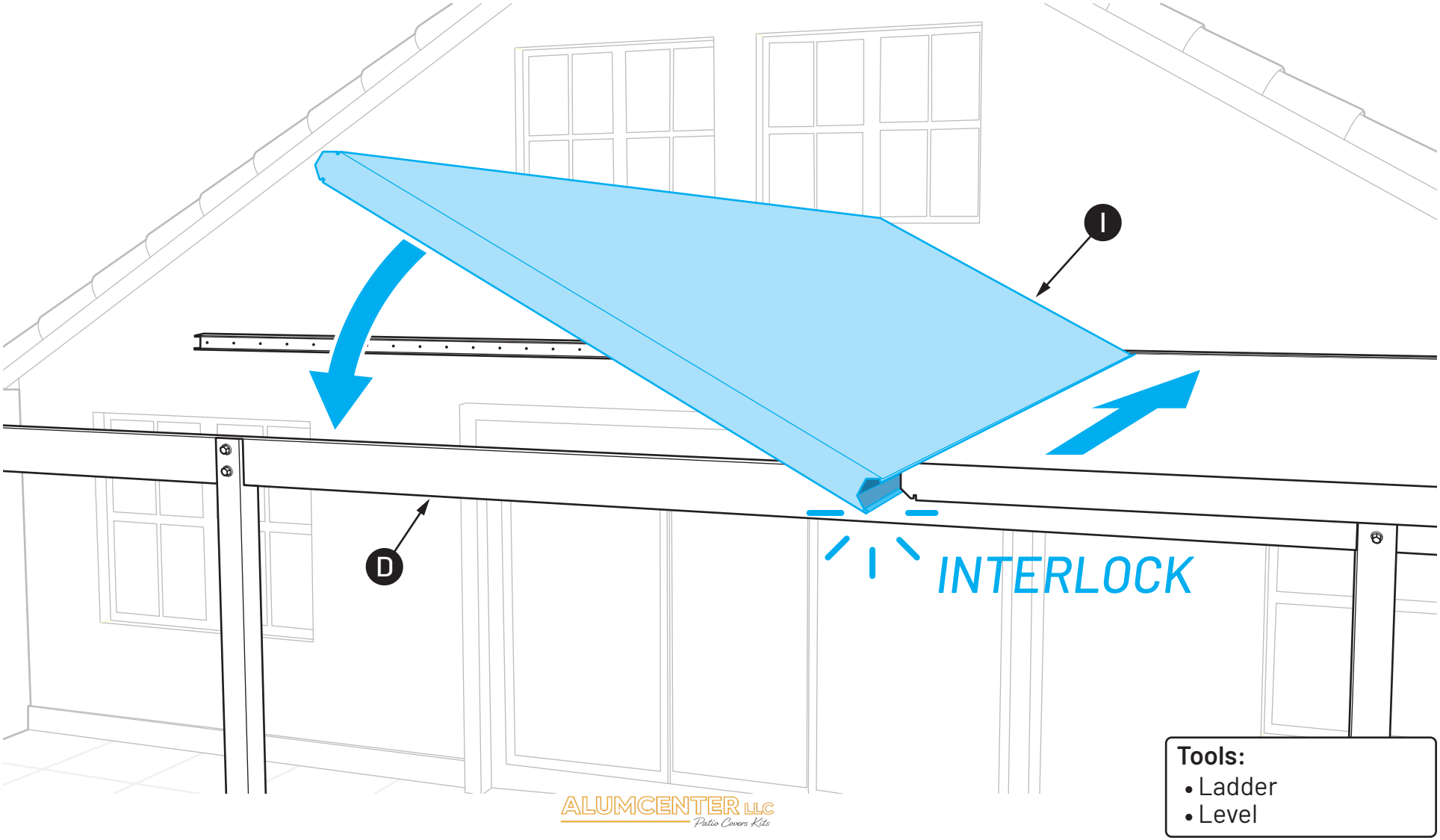


Tools:

- Level
- Ladder
- Drill
- Socket adapter bit

Step 18 – Install the Next Panel

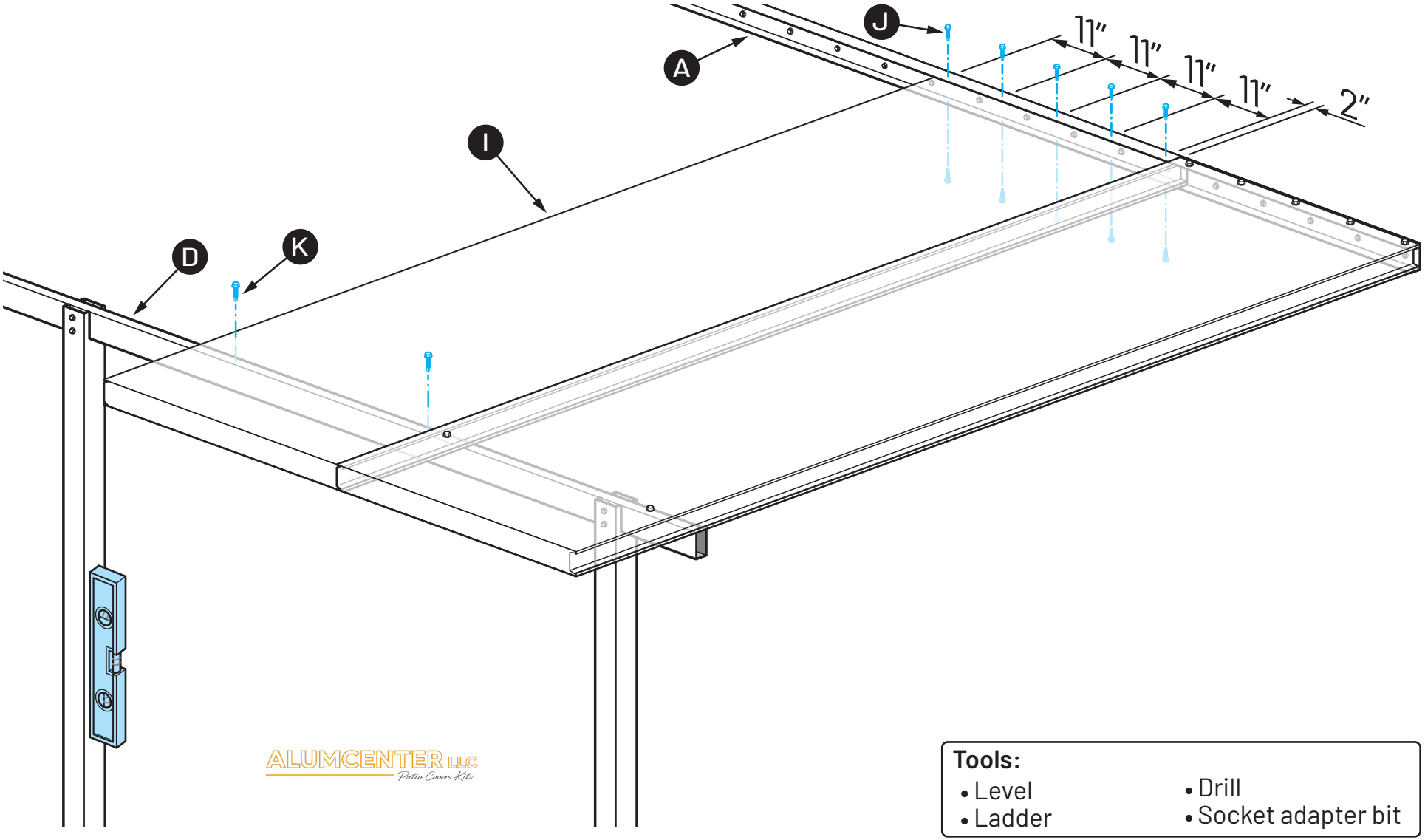
Place the next Panel (I) on the Support Beam (D). Connect its female side to the male side of the previously installed Panel, ensuring the joint locks securely into place. Then, slide the new Panel fully into the Wall Header (A).



Tools:
- Ladder
- Level

Step 19 – Secure the Second Panel

Secure the Panel (I) to the Wall Header (A) using #12 TEK Screws (J) from the top and bottom, following the illustrated spacing. Check that the front Posts remain straight, then secure the Panel to the Support Beam (D) using two #14 TEK Screws (K), one at each end.



ALUMCENTER LLC
Patio Covers Kits

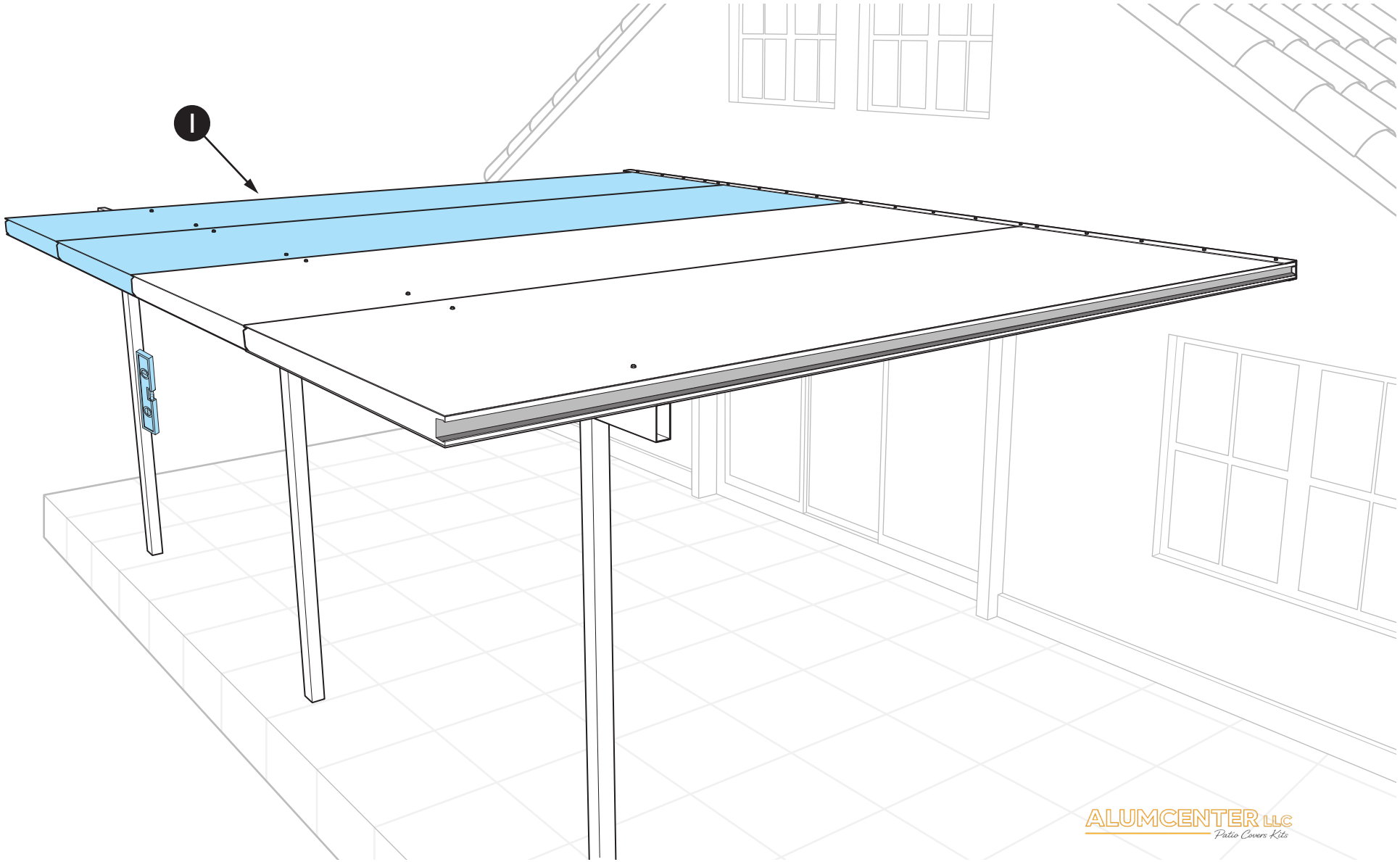
Tools:

- Level
- Ladder
- Drill
- Socket adapter bit

Step 20 – Install the Third and Fourth Panels

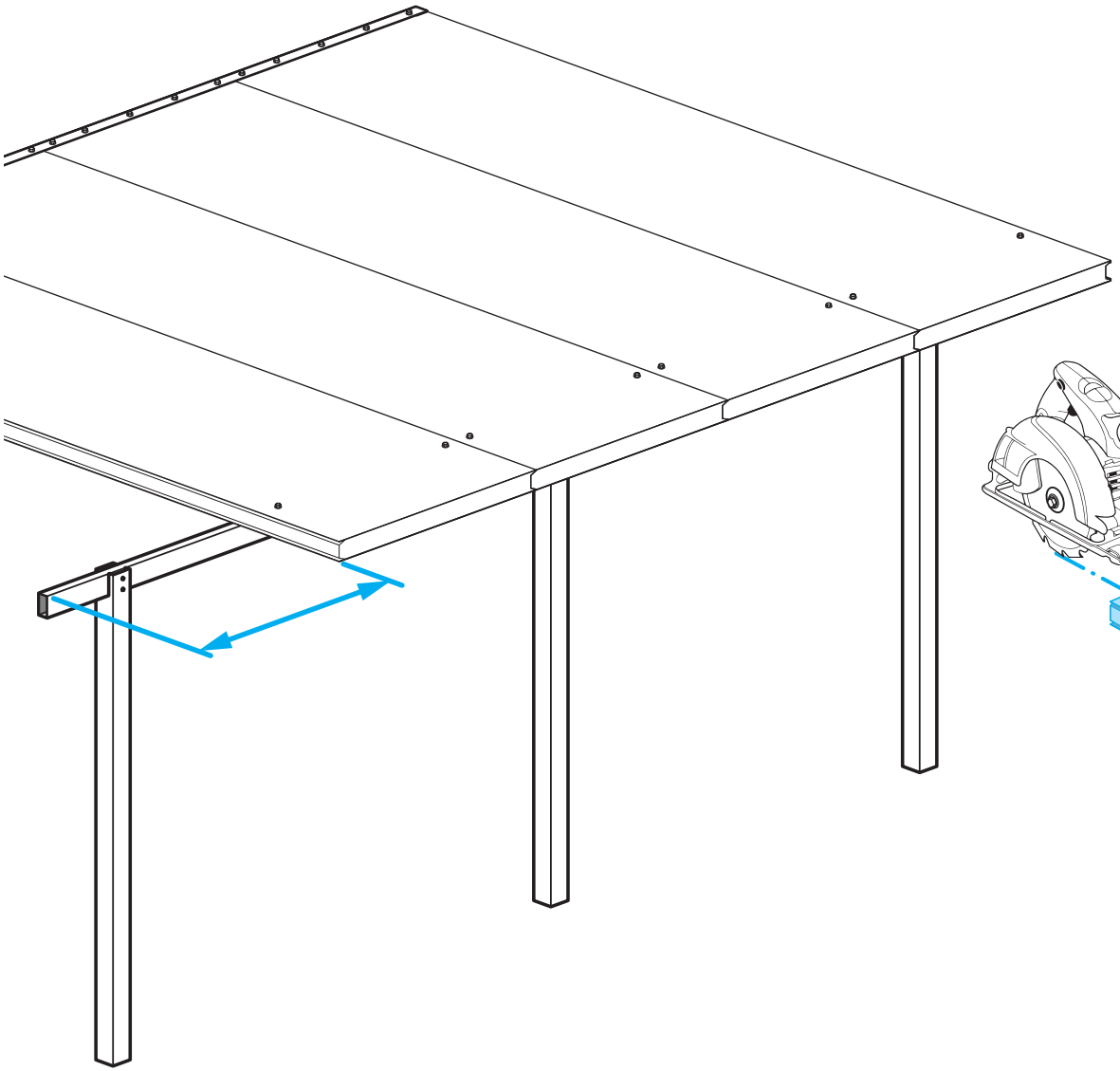
Install the third and fourth Panels (I) by repeating Steps 18 and 19.

Check that the front Posts remain straight throughout installation.



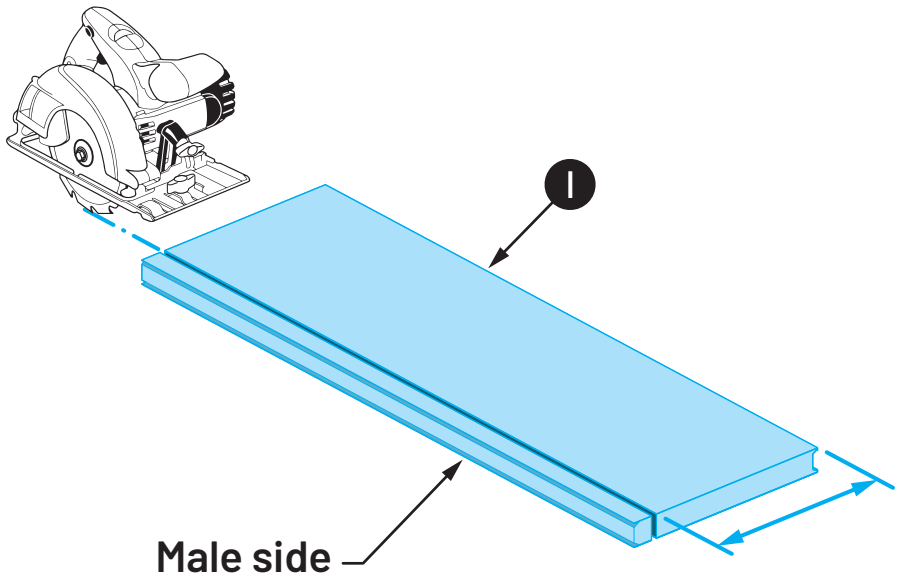
Step 21 –Cut the Final Panel

Make the cut on the male side only.



L-Shape installation

Measure the distance between the fourth Panel and the wall. Cut the final Panel to this measurement, removing material from the male side only.



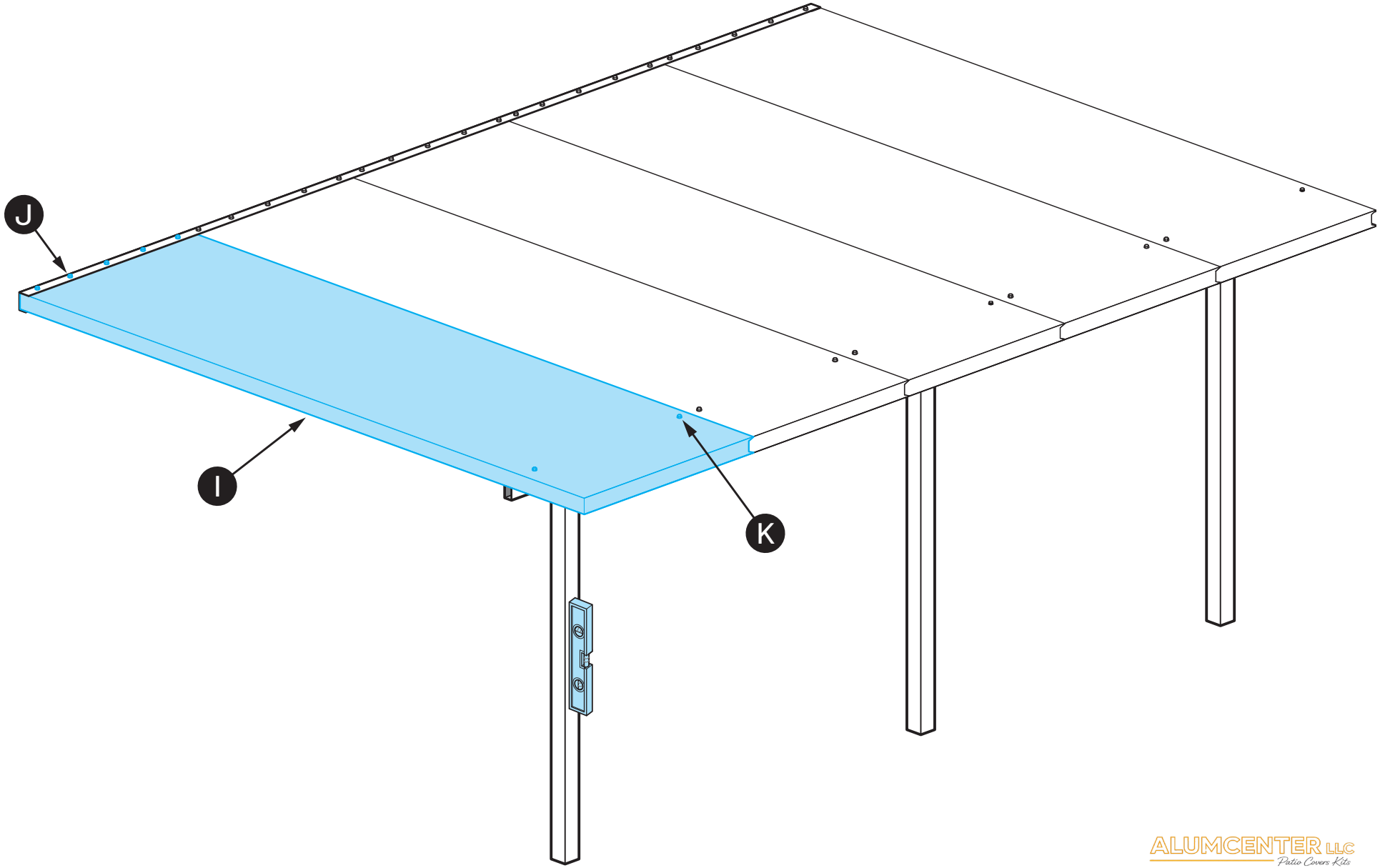
Tools:

- Tape measure
- Circular saw
- F-Clamp

ALUMCENTER LLC
Patio Covers Kits

Step 22 – Install the Final Panel

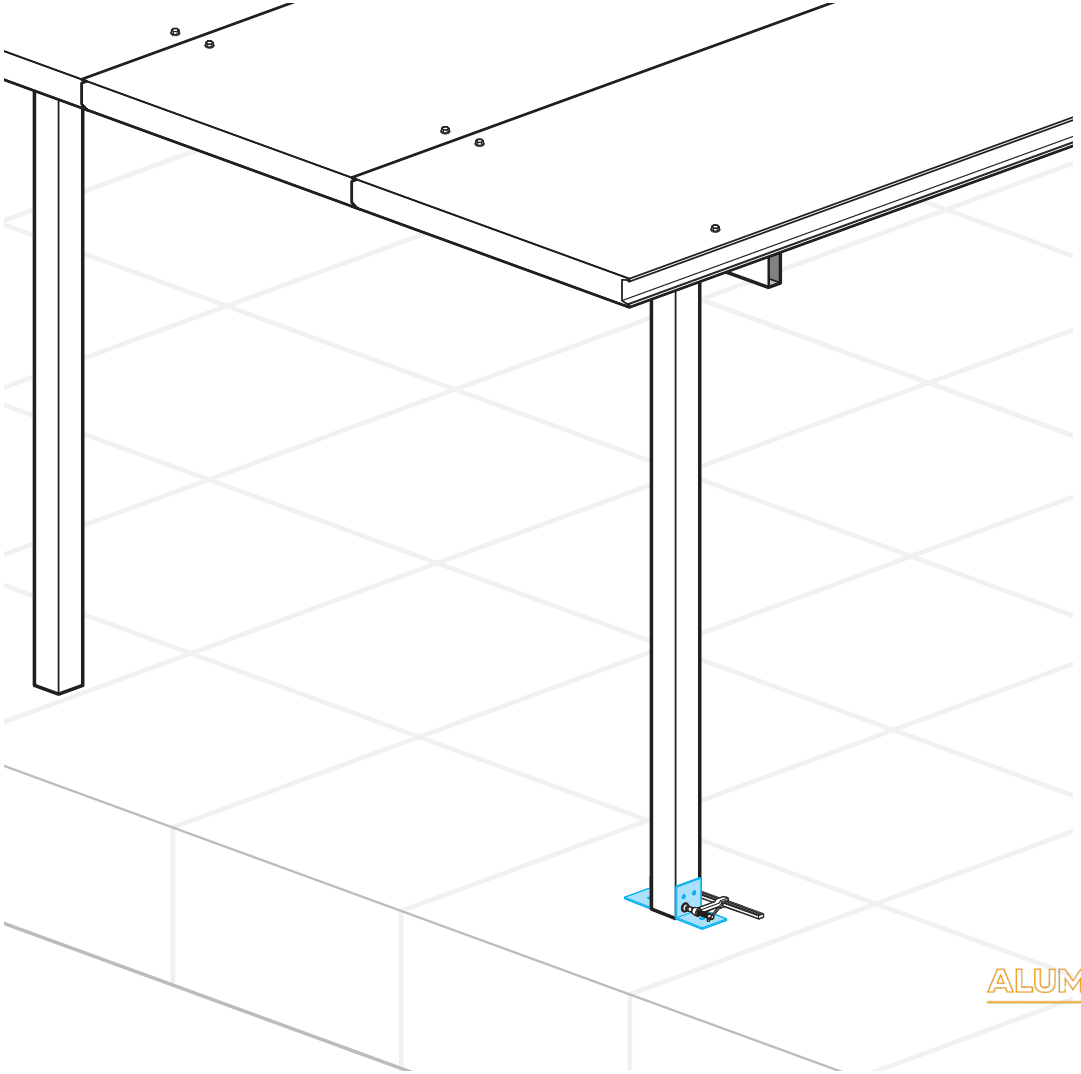
Install and secure the final Panel (I) by repeating Steps 18 and 19. Check that the front Posts remain straight before completing the installation.

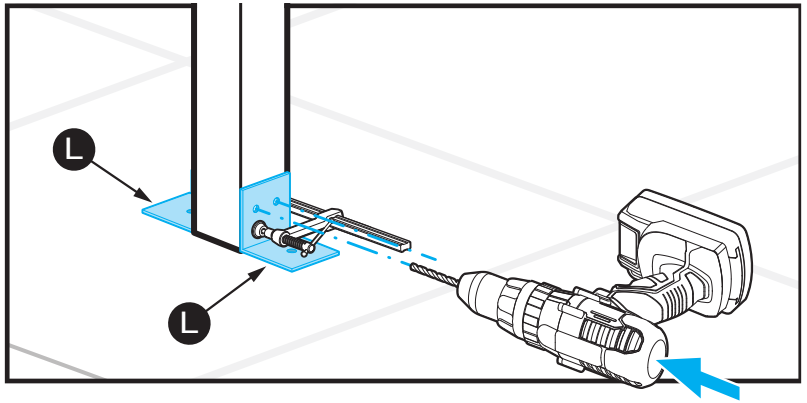


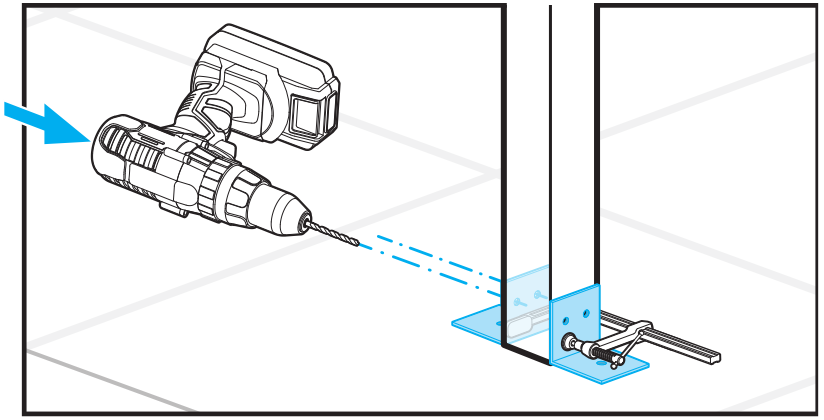
6. SECURING THE POSTS

Step 23 – Position and Drill the Post Angles

Position one Angle (L) on each side of the first Post (E), with the two-hole side against the Post and the single-hole side against the concrete. Hold both Angles in place using an F-clamp. Drill four **3/8"** holes through the Post, using the upper holes in the Angles as guides.





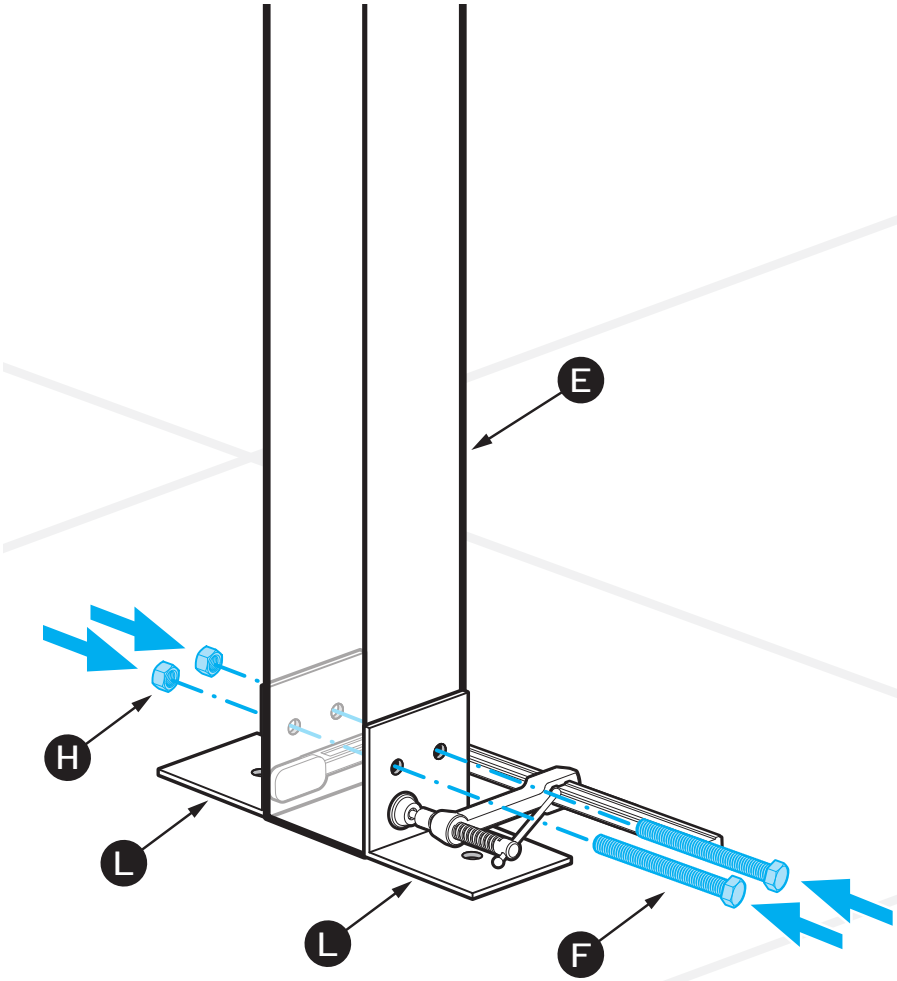


ALUMCENTER LLC
Patio Covers Kits

Tools:
- F-Clamp
- Drill
- 3/8" Aluminum drill bit

Step 24 – Secure the Angles to the Post

Secure both Angles (L) to the Post (E) using two ⅜" Hex Bolts (F) and Nuts (H), as shown.

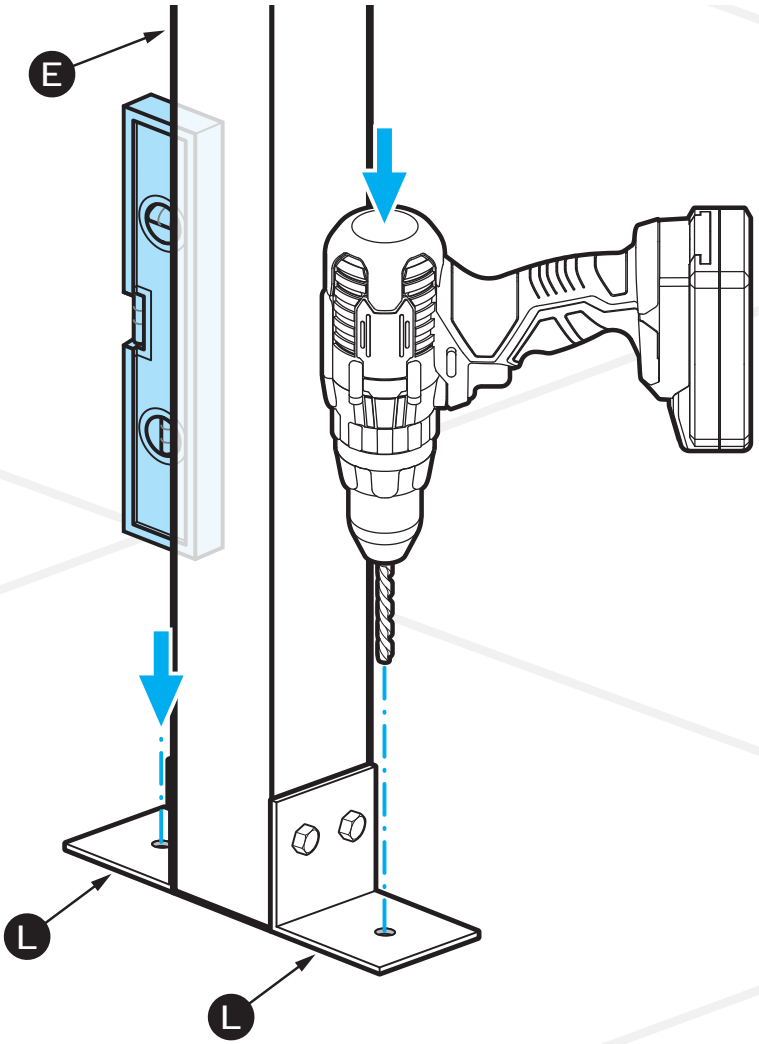


Tools:

- Level
- Drill
- Socket adapter bit
- ⅜" Concrete drill bit

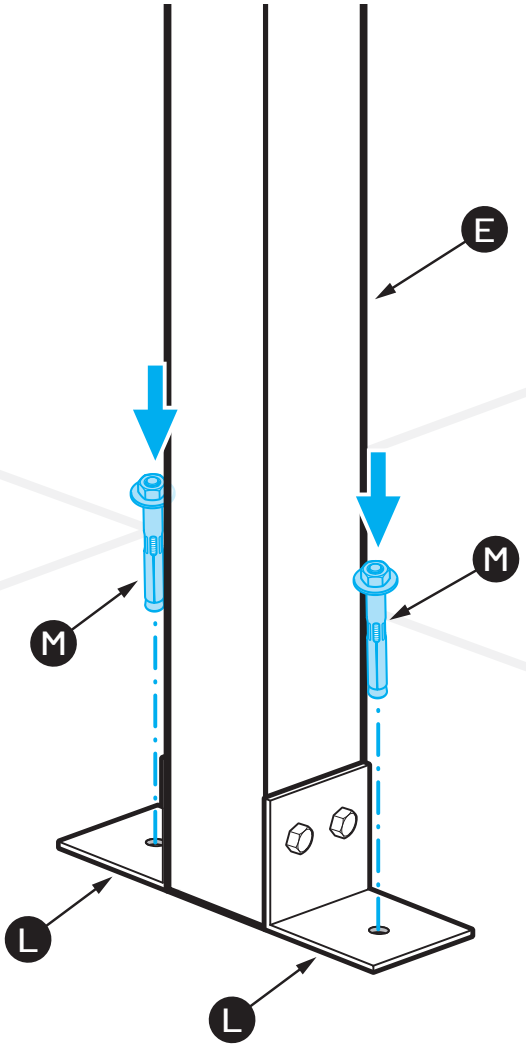
Step 25 – Drill the Concrete Anchor Holes

Use a level to ensure the Post (E) is straight on all sides. Using a ⅜" concrete drill bit, drill through the bottom hole of each Angle (L) into the concrete.



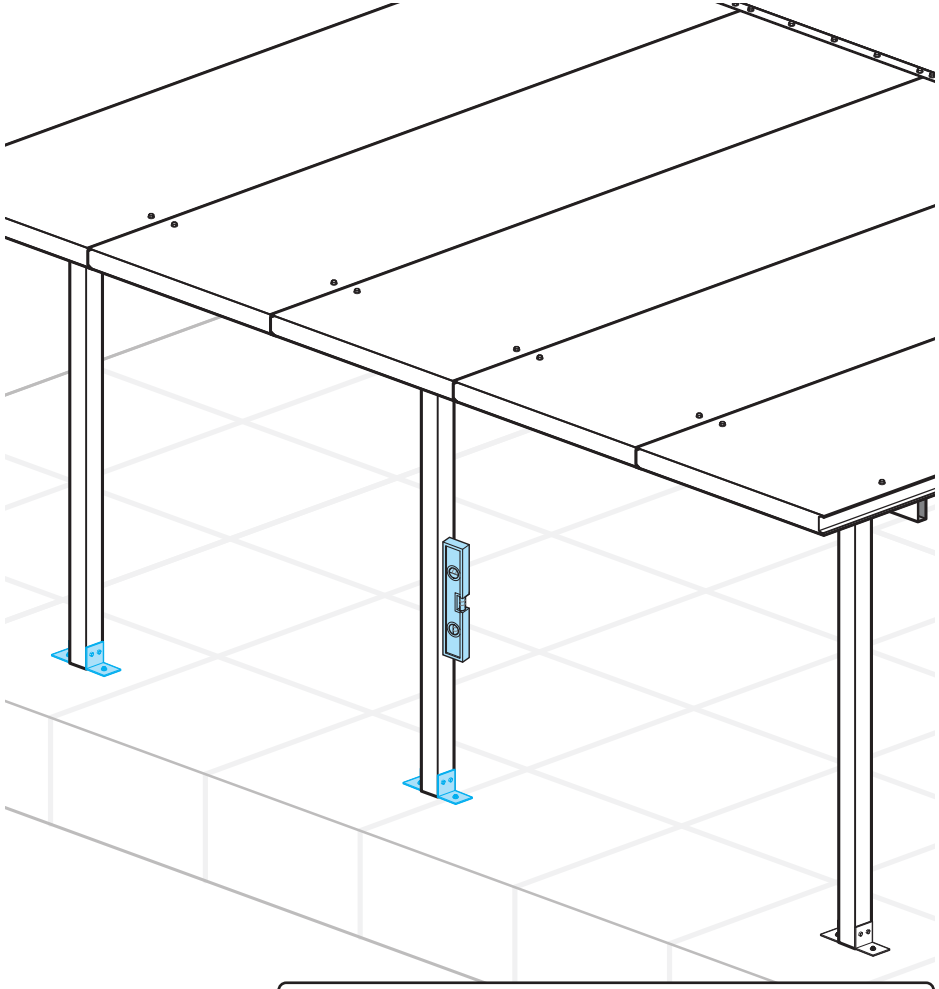
Step 26 – Anchor the Post to the Concrete

Insert a ⅜" Sleeve Anchor (M) through the bottom hole of each Angle (L) and into the concrete. Secure both Anchors to fasten the Post to the concrete.



Step 27 – Secure the Remaining Posts

Repeat Steps 23–26 to secure each remaining Post (E) to the concrete. Work on one Post at a time, checking that each Post remains straight and level before fully tightening the Anchors.



Tools:

- Level
- Drill
- ⅜" Aluminum drill bit
- Socket adapter bit
- ⅜" Concrete drill bit

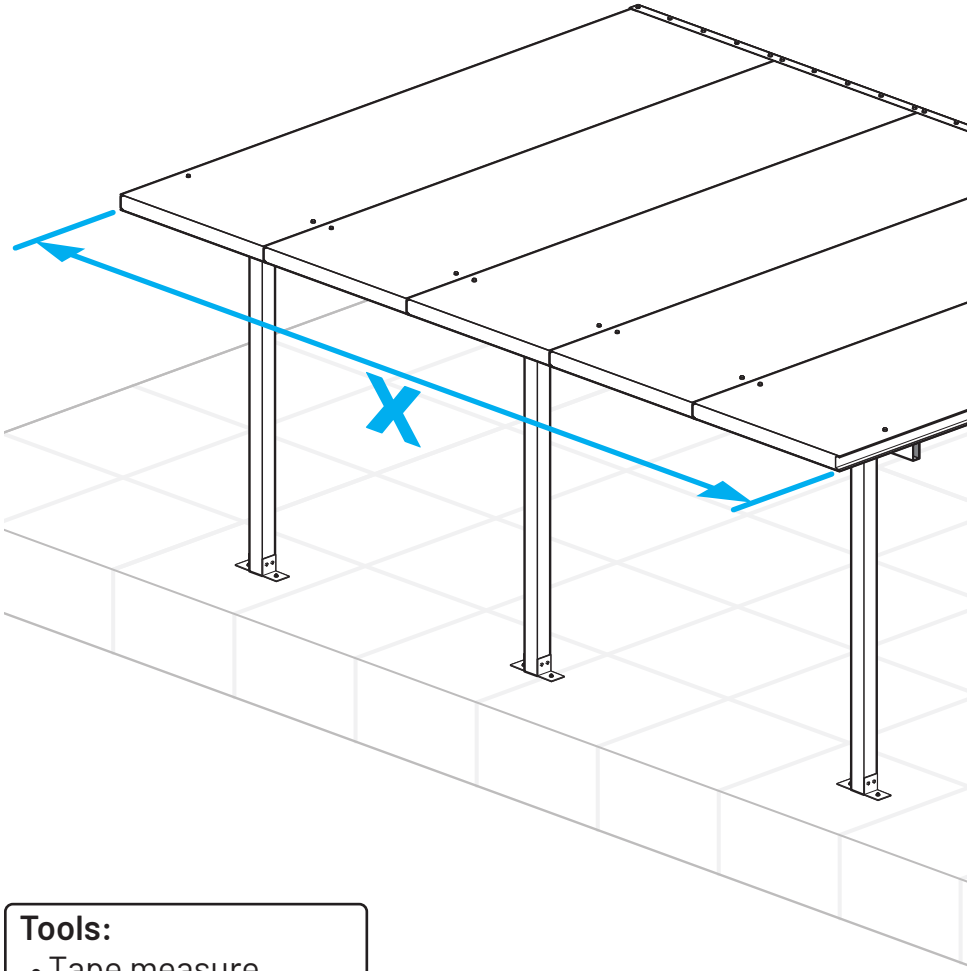
ALUMCENTER LLC Patio Covers Kits

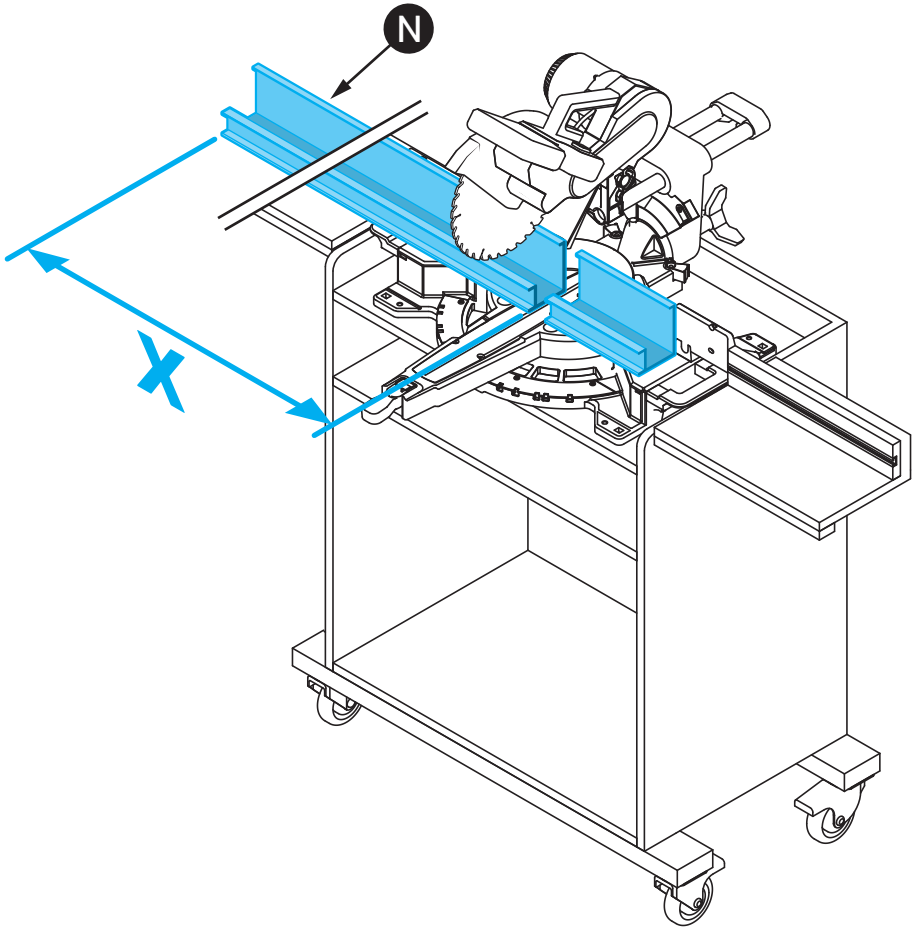
7. INSTALLING THE E-GUTTER & FASCIA

Step 28 — Measure and Cut the E-Gutter

Measure the total width (**X**) of the installed roof Panels (I).

Using a miter saw, cut the E-Gutter (N) to match this measurement.



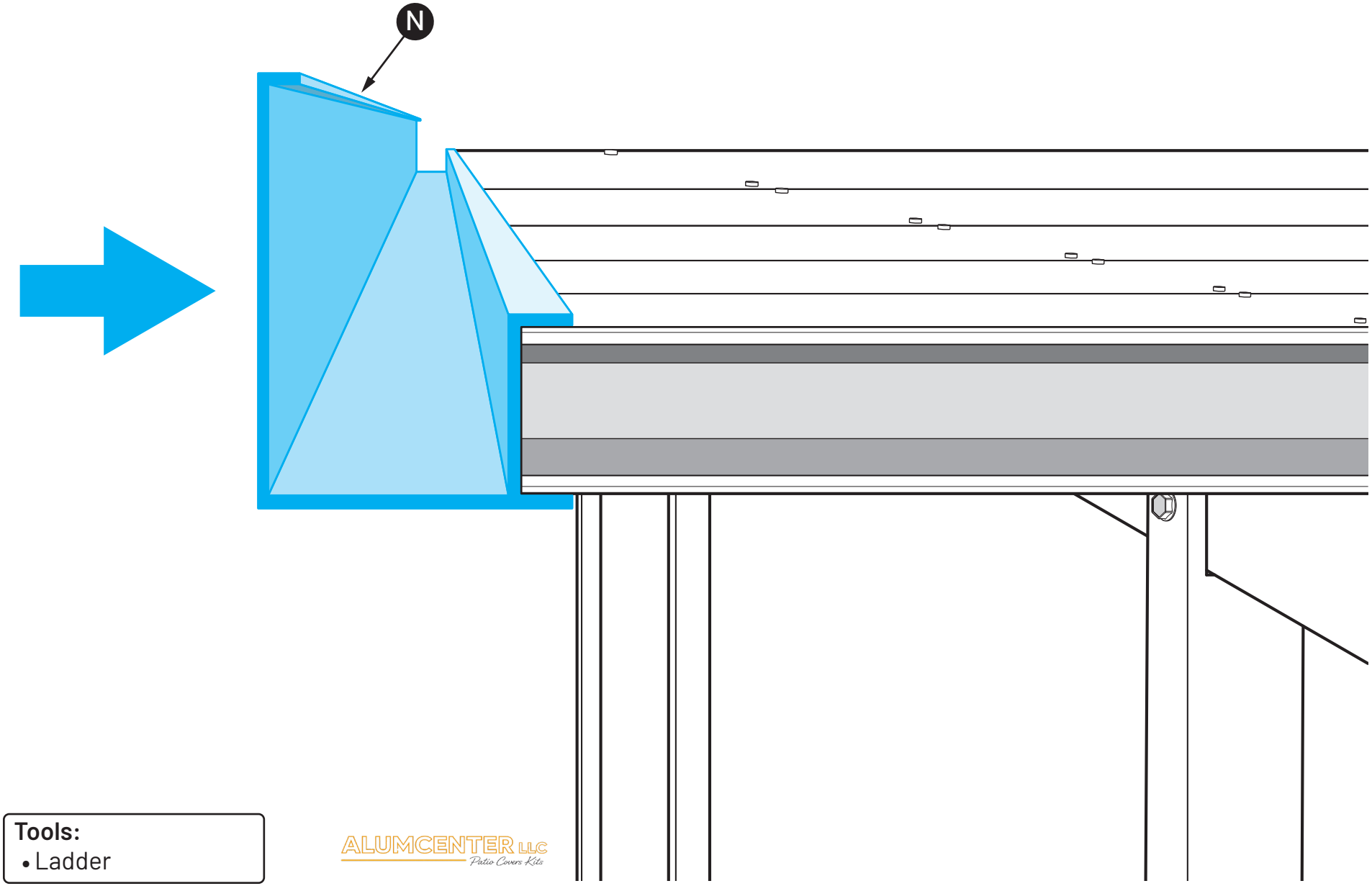


Tools:

- Tape measure
- Saw workbench
- F-Clamp

Step 29 — Position the E-Gutter

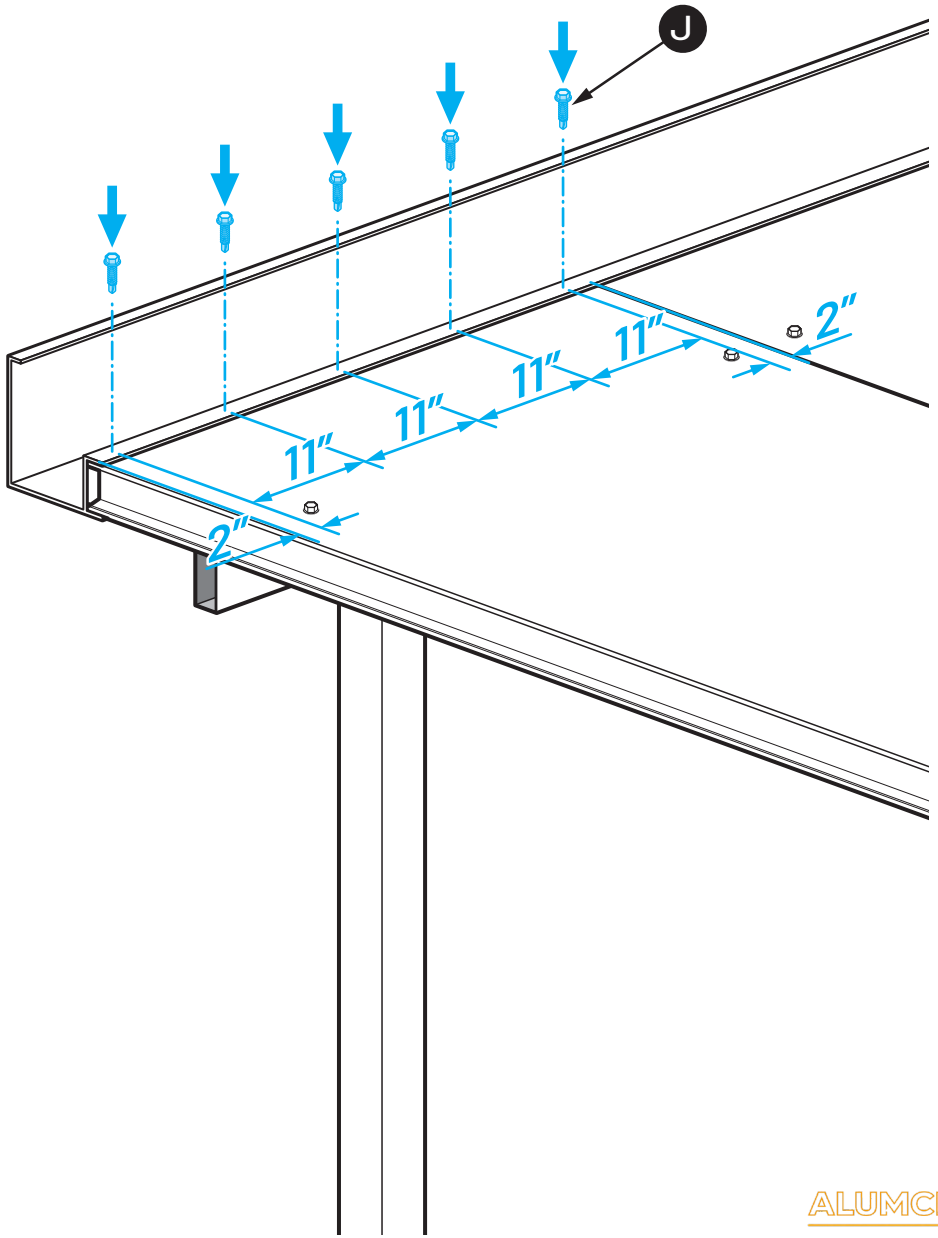
Fit the E-Gutter (N) onto the front edge of the roof Panels (I). Ensure it is fully seated, with no gaps between the E-Gutter and the Panels.

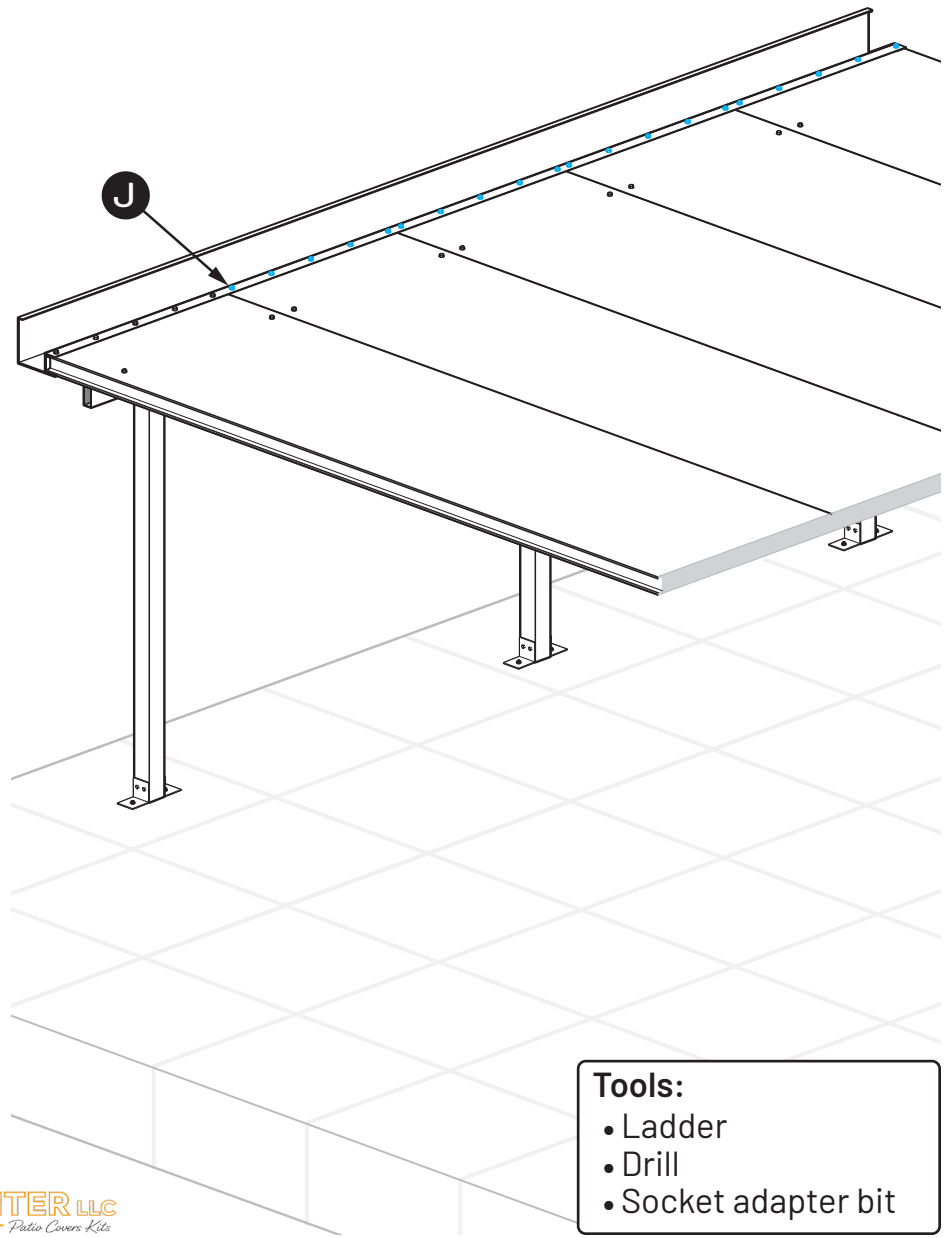


Tools:
- Ladder

Step 30 — Secure the E-Gutter

Secure the E-Gutter (N) to the first Panel (I) using #12 TEK Screws (J), following the spacing shown in the illustration. Repeat this process across all remaining Panels.



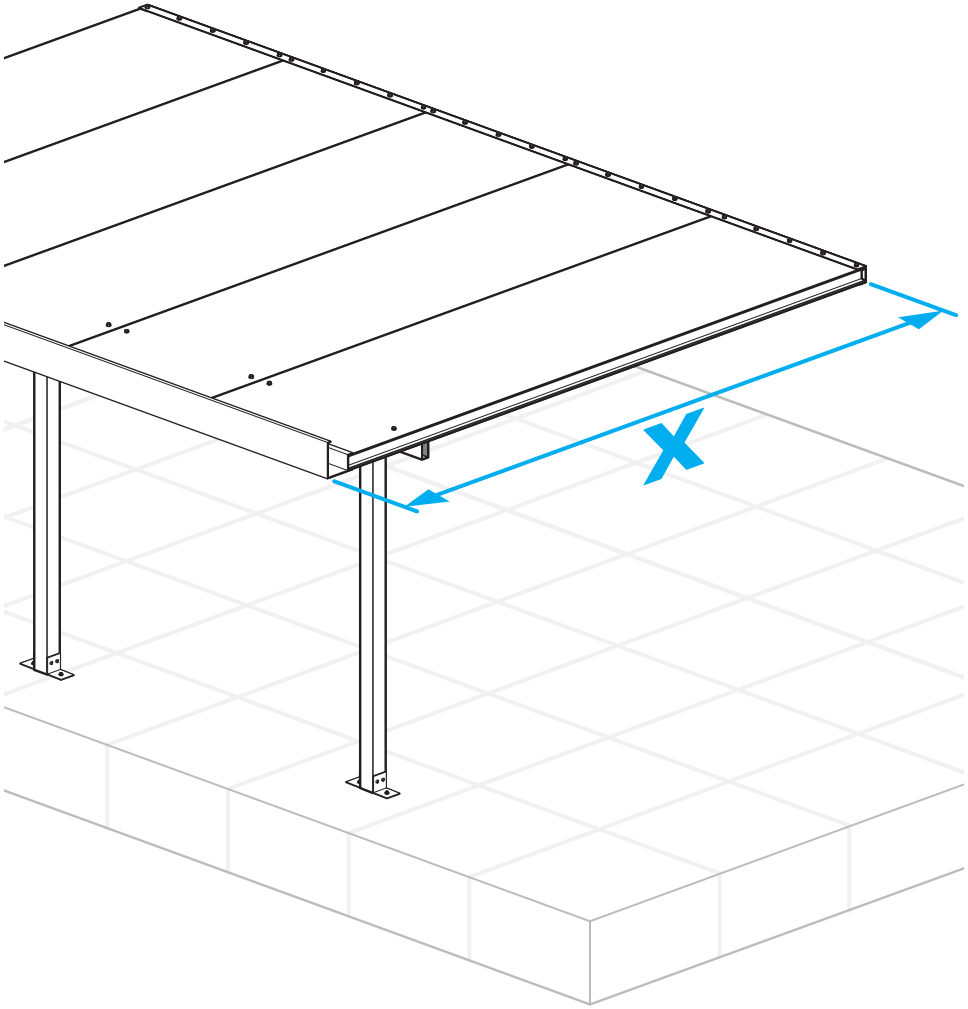


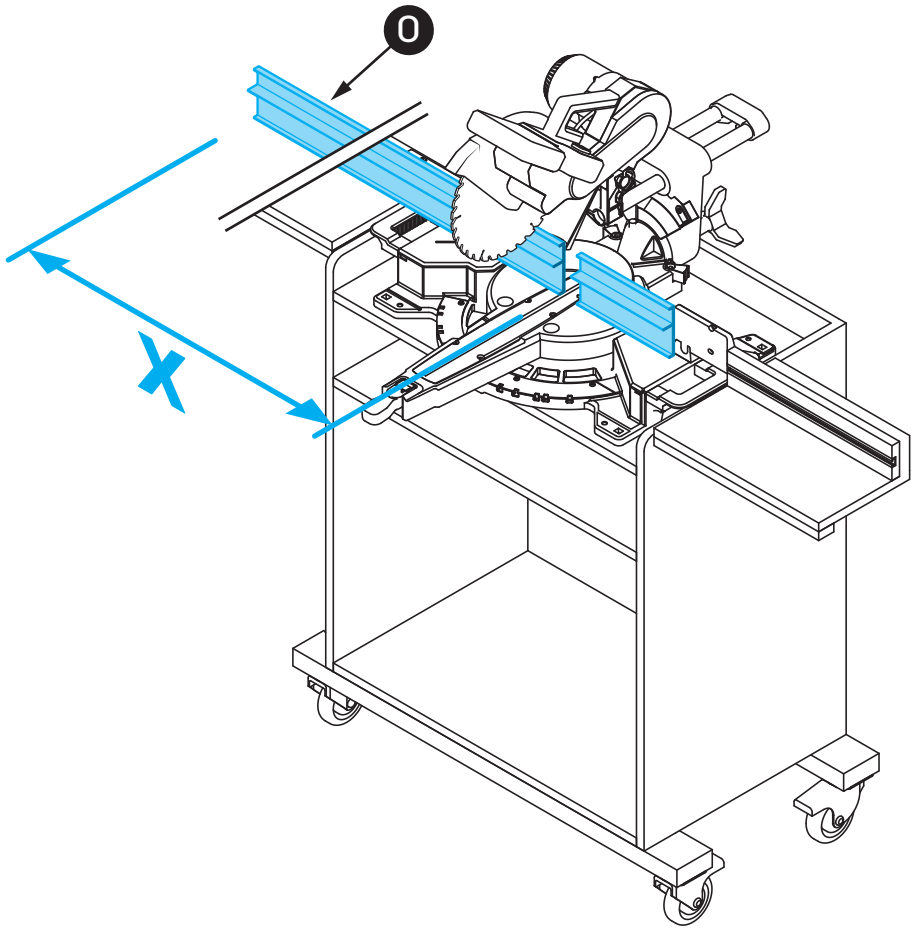
Tools:

- Ladder
- Drill
- Socket adapter bit

Step 31 – Measure and Cut the Fascia

Measure the distance (**X**) from the outer edge of the E-Gutter (N) to the wall. Cut two Fascia (O) sections to this length using a miter saw.



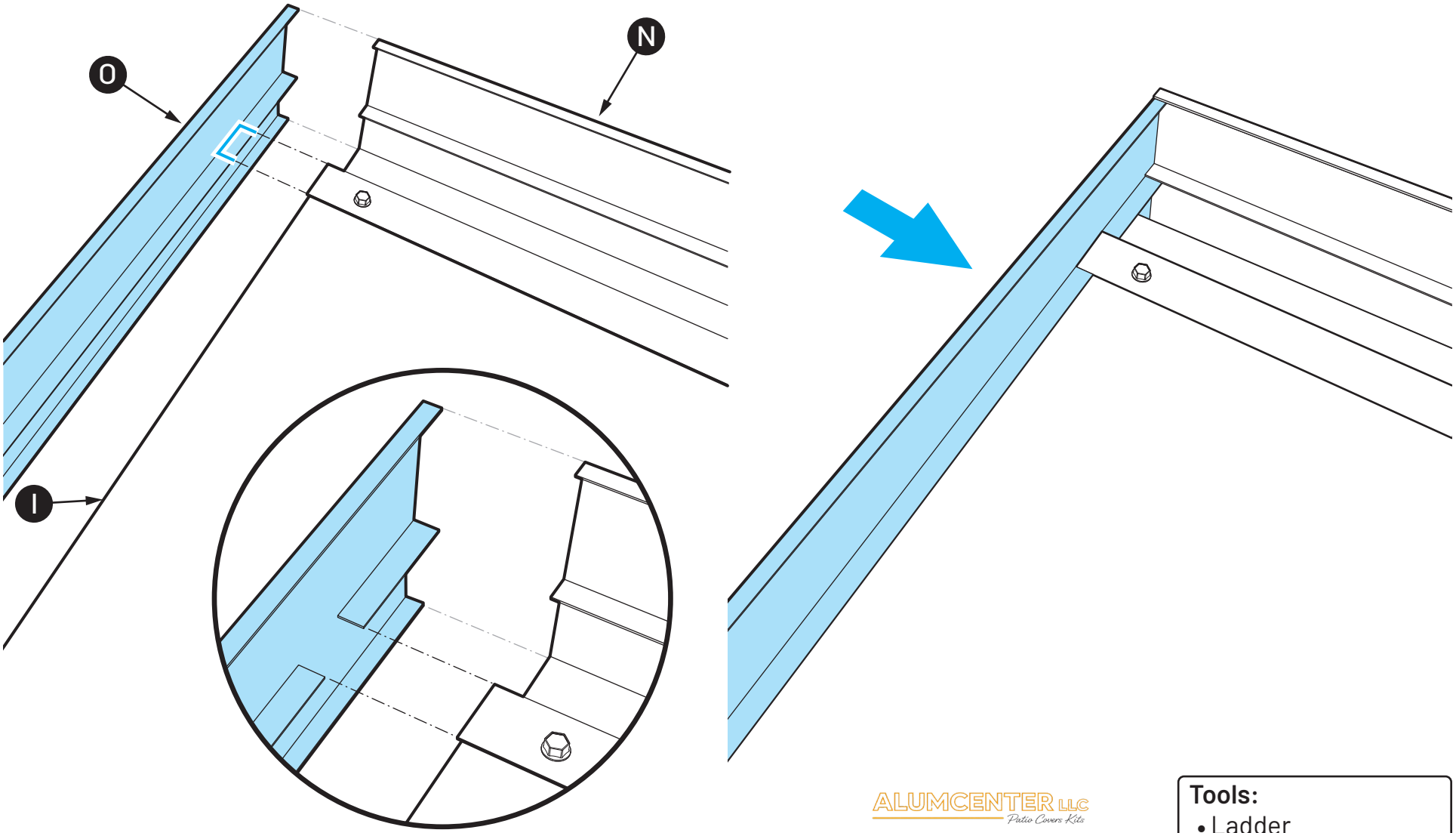


Tools:

- Tape measure
- Saw workbench
- F-Clamp

Step 32 – Notch and Position the Fascia

Notch the front end of each Fascia (O) to fit around the E-Gutter (N), as shown. Position one Fascia along each side of the roof, ensuring a flush fit against the Panels.

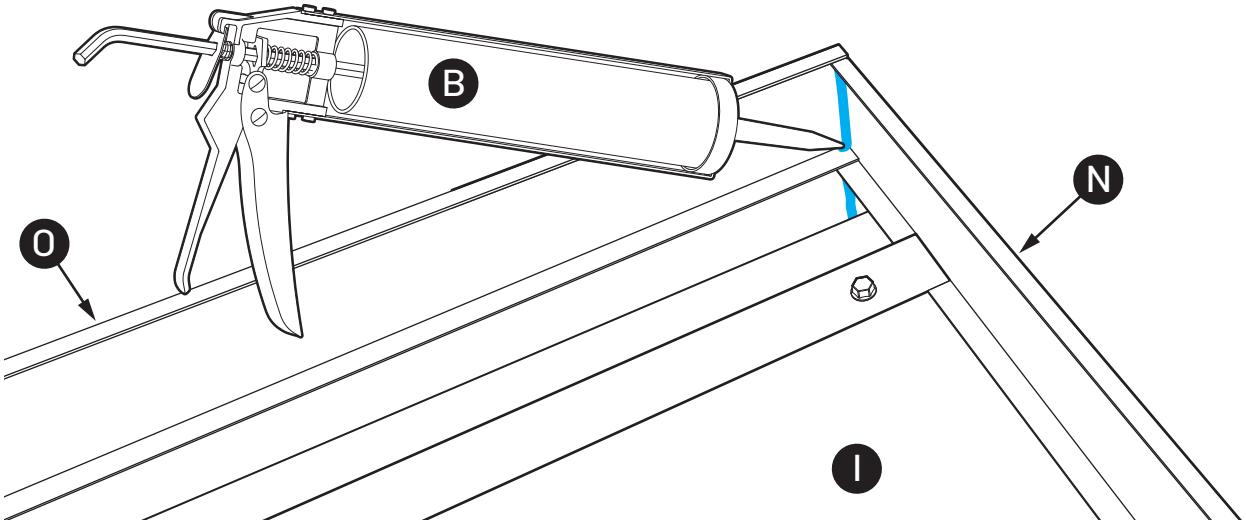


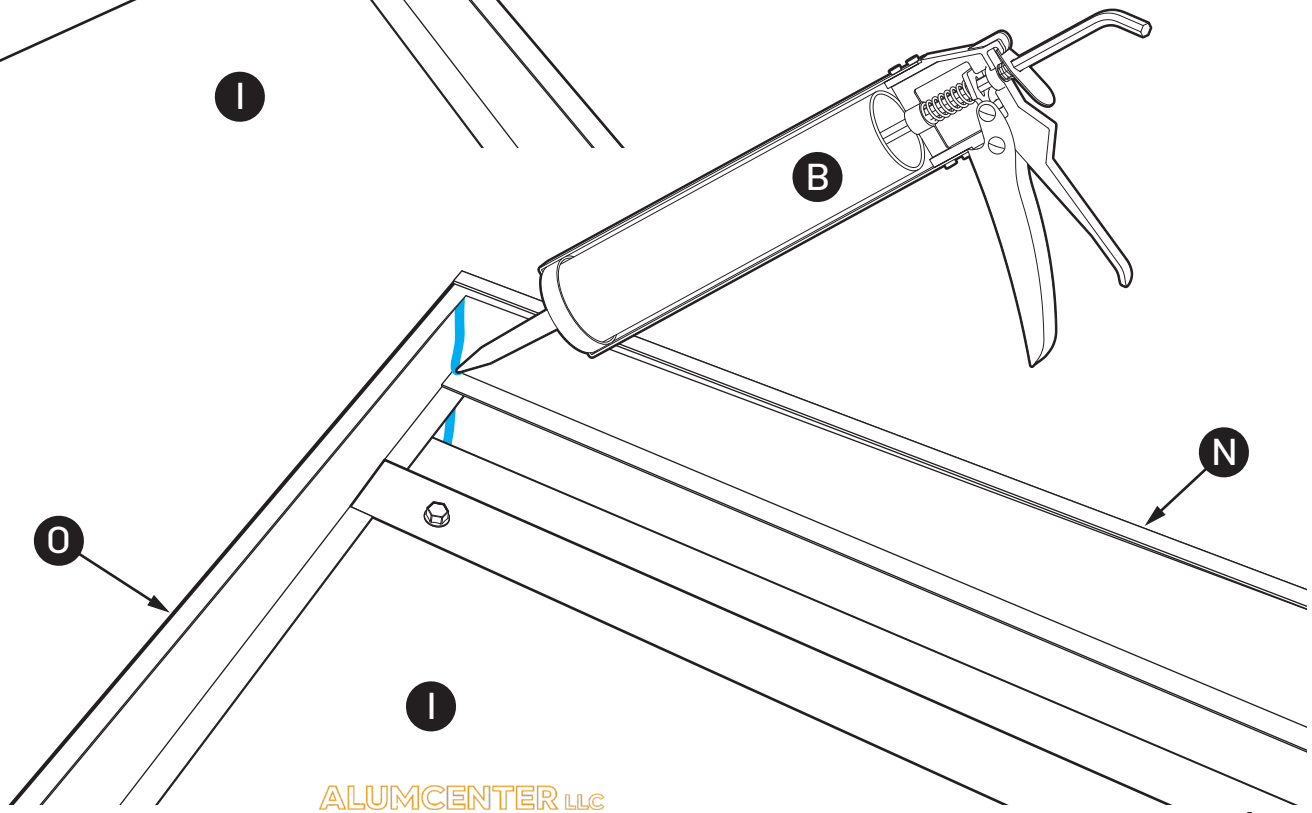
ALUMCENTER LLC
Patio Covers Kits

Tools:
- Ladder

Step 33 – Seal the Corner Joints

Apply a continuous bead of Caulking (B) to seal the joints where the Fascia (O) meets the E-Gutter (N). Repeat at both front corners to help prevent water leakage.

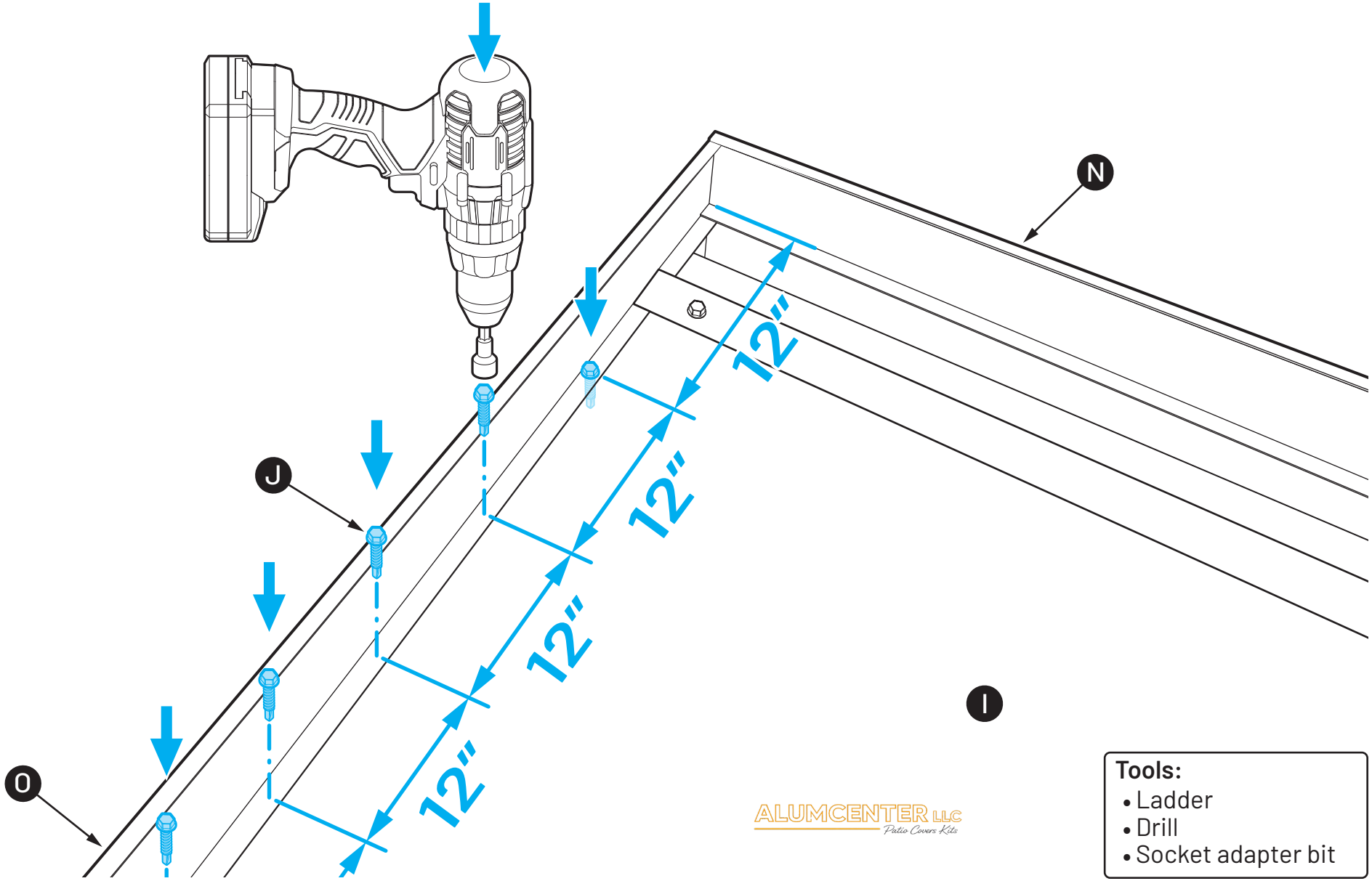




Tools:
- Ladder
- Caulking gun

Step 34 – Secure the Top of the Fascia

Secure the top of each Fascia (O) to the roof Panels using #12 TEK Screws (J), spaced **12"** apart, as illustrated. Repeat on both sides of the roof.

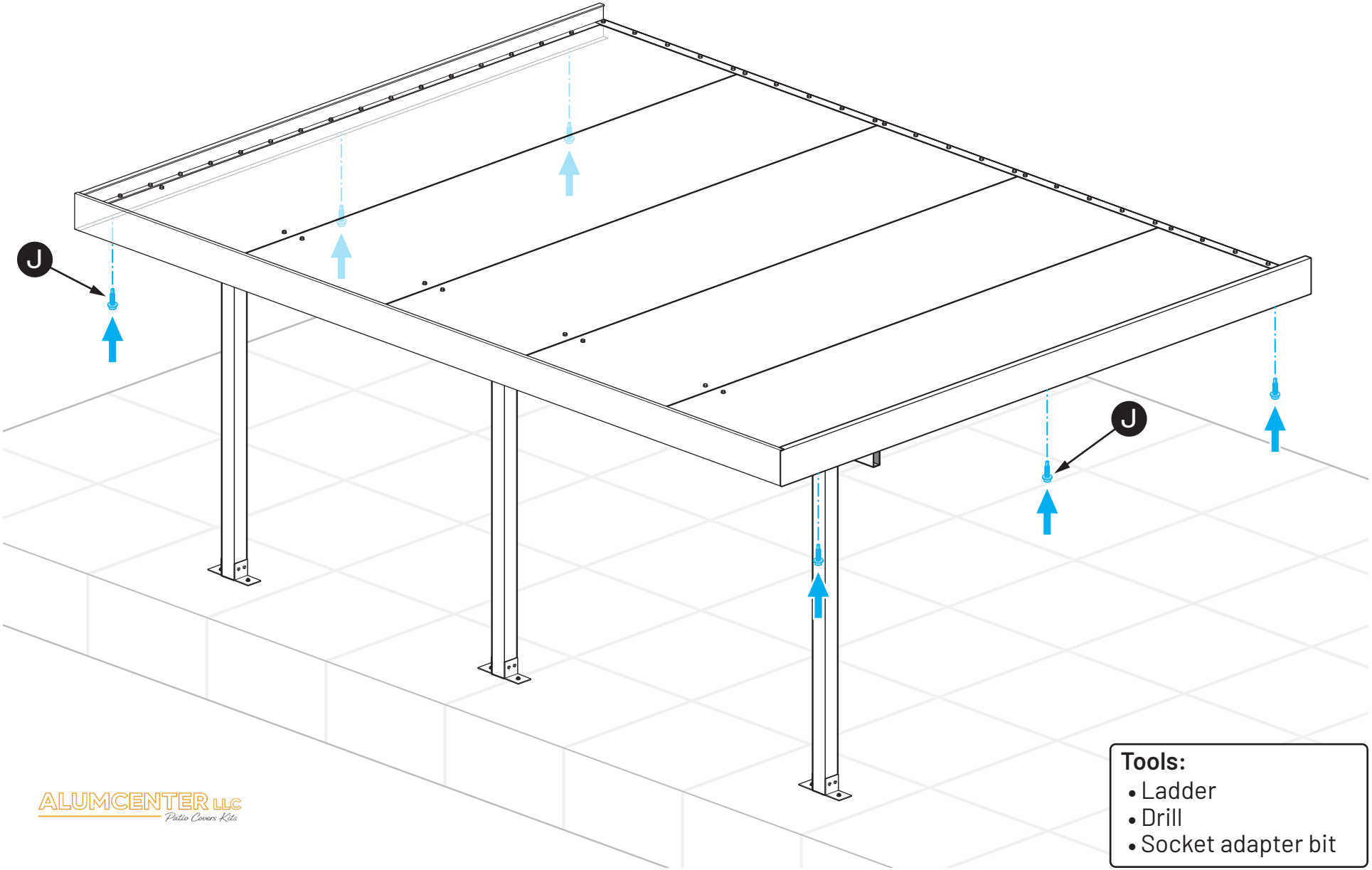


Tools:
- Ladder
- Drill
- Socket adapter bit

ALUMCENTER LLC
Patio Covers Kits

Step 35 – Secure the Bottom of the Fascia

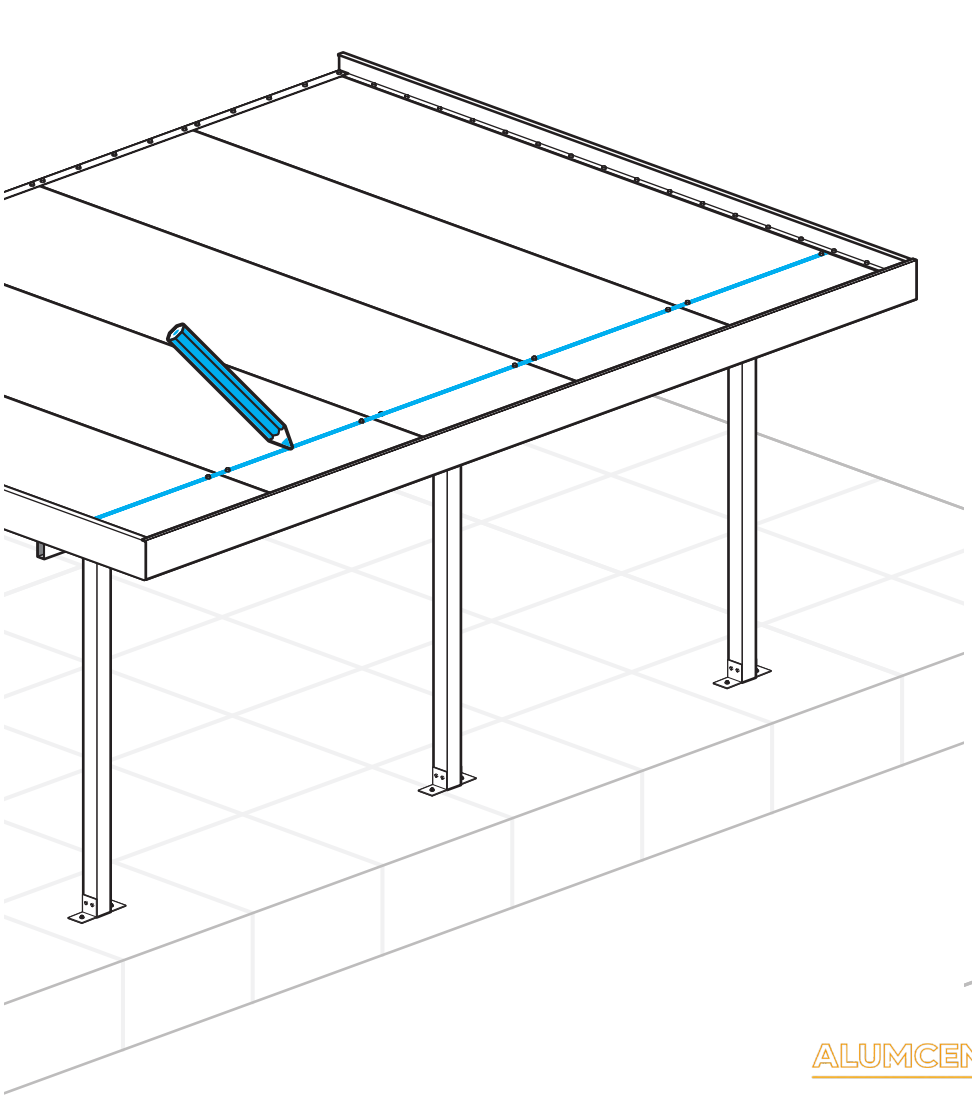
Secure the bottom of each Fascia (O) using three #12 TEK Screws (J), positioned as shown.
Repeat on both sides of the roof.

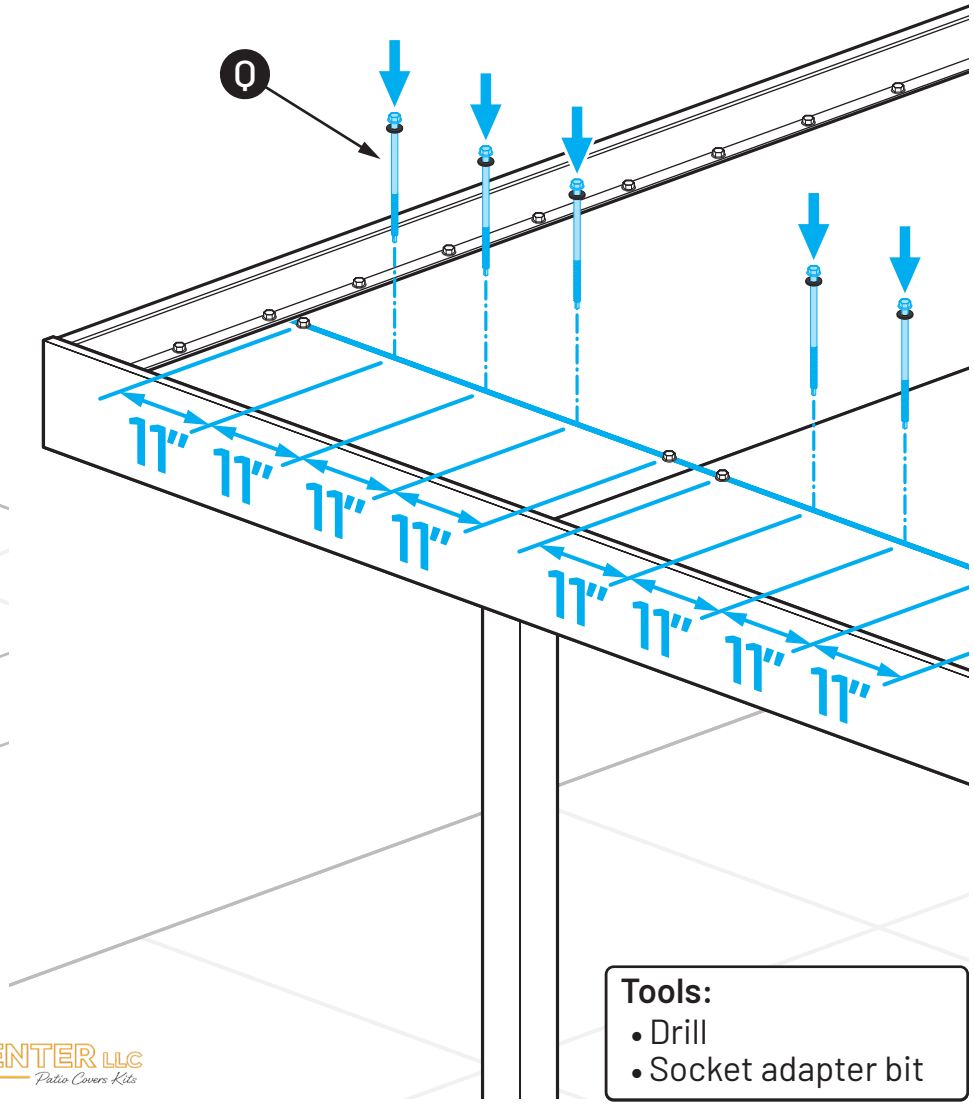


Tools:
- Ladder
- Drill
- Socket adapter bit

Step 36 — Reinforce the Panel-to-Beam Connection

Mark a straight line across the Panels, following the existing screw locations along the Support Beam (D). Install #14 × 5″ TEK Screws with Neoprene Washers (Q) at the positions shown in the illustration. Repeat for each Panel (I).





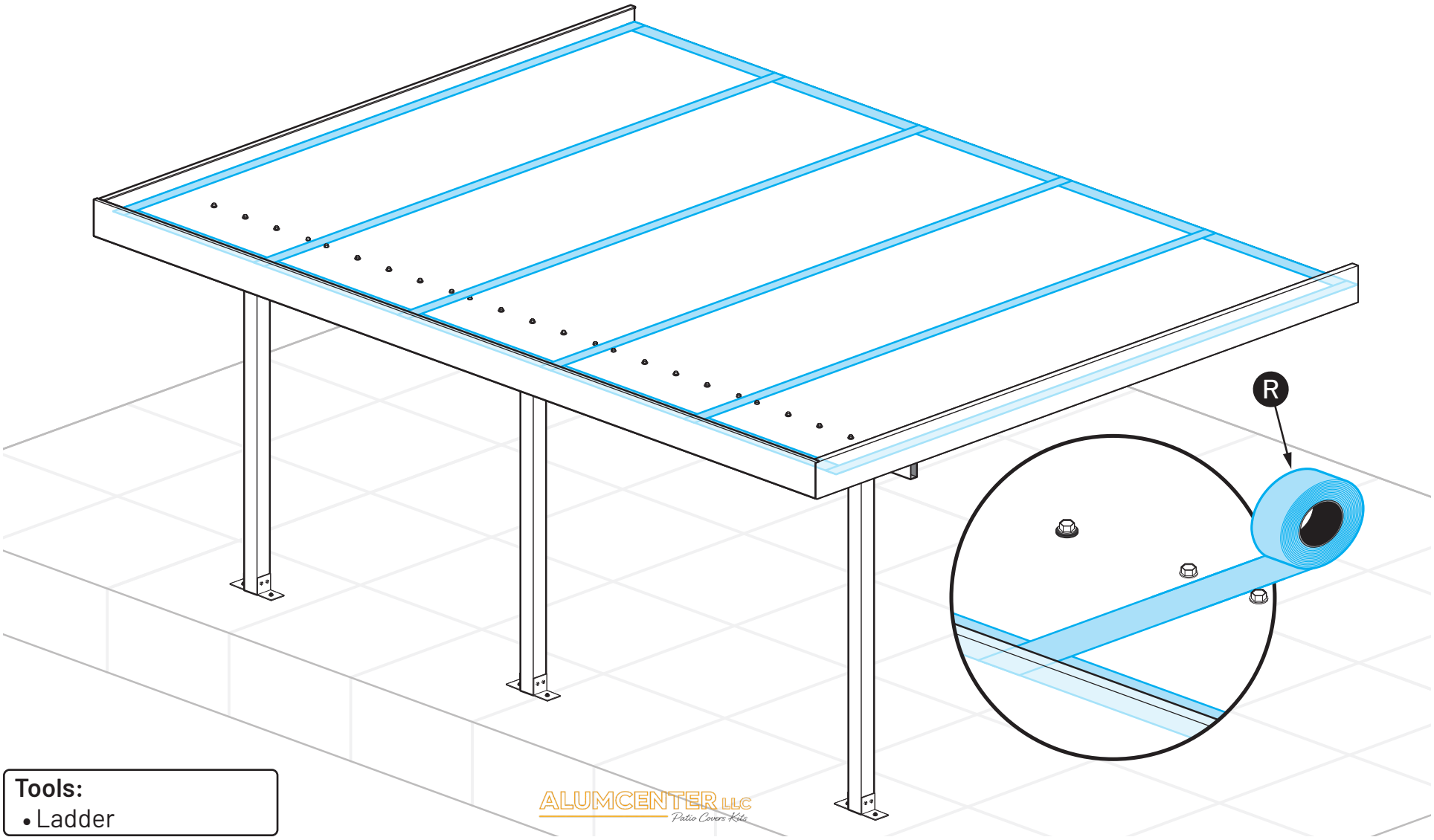
Tools:
- Drill
- Socket adapter bit

ALUMCENTER LLC
Patio Covers Kits

8. SEALING THE ROOF & JOINTS

Step 37 — Seal All Roof Joints

Apply Peel & Seal Tape (R) over all roof joints, including the connections between Panels, Wall Header, E-Gutter, and Fascia. Press the tape firmly along its entire length to ensure a continuous, watertight seal.



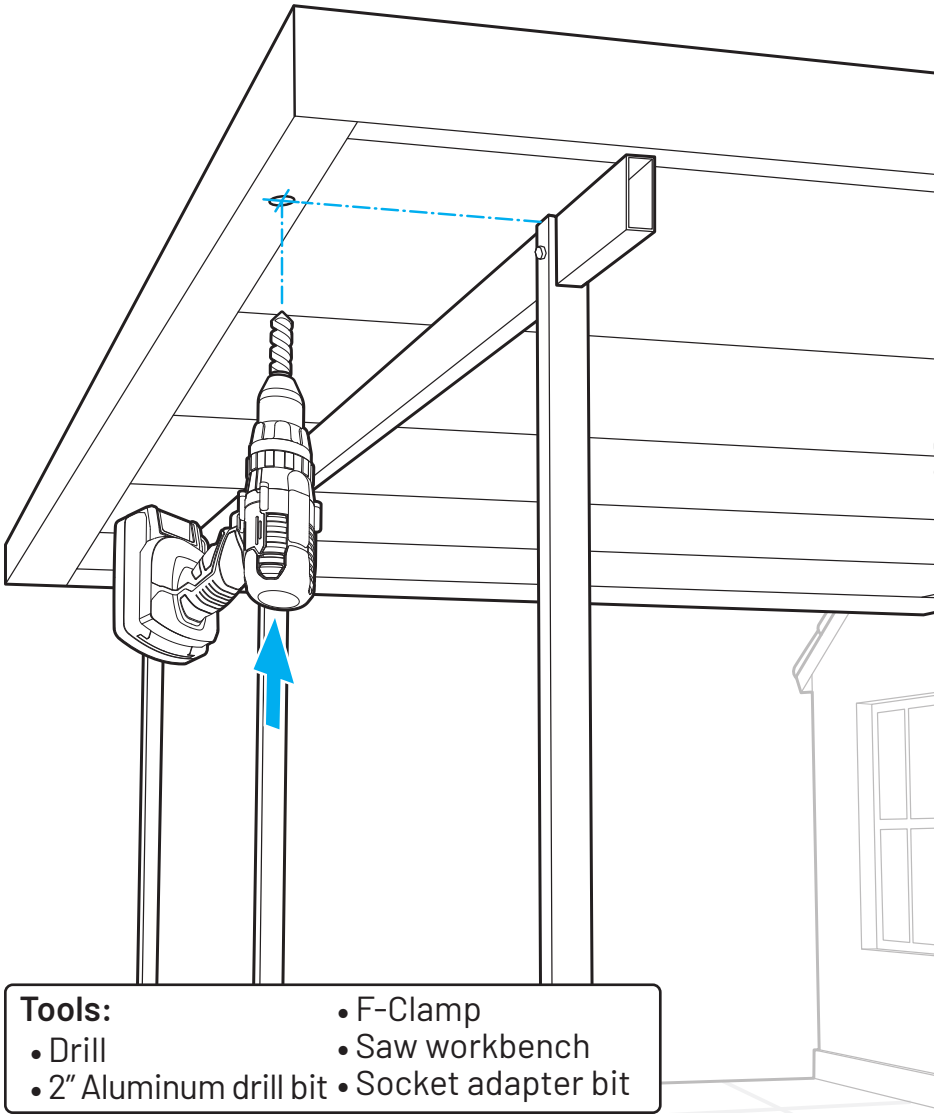
Tools:
- Ladder

ALUMCENTER LLC
Patio Covers Kits

9. INSTALLING THE DOWNSPOUTS

Step 38 – Drill the Gutter Outlet Hole

Drill a **2"** hole in the bottom of the E-Gutter (N), aligned with the first Post (E), as shown.

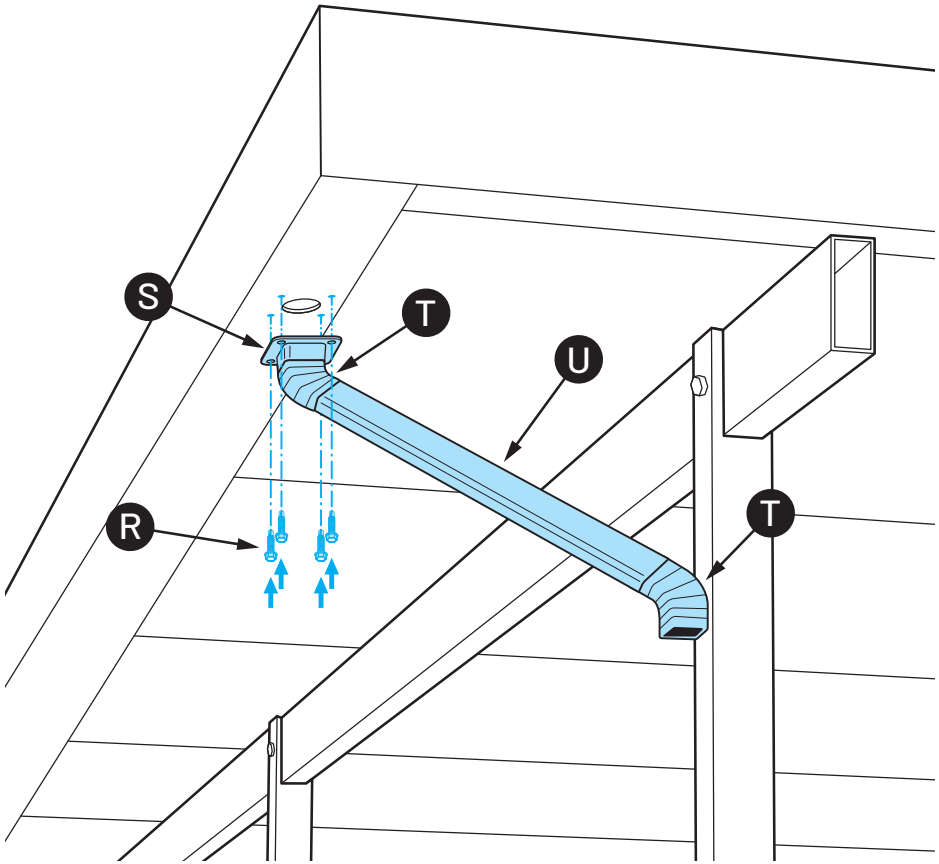


Tools:

- Drill
- 2" Aluminum drill bit
- F-Clamp
- Saw workbench
- Socket adapter bit

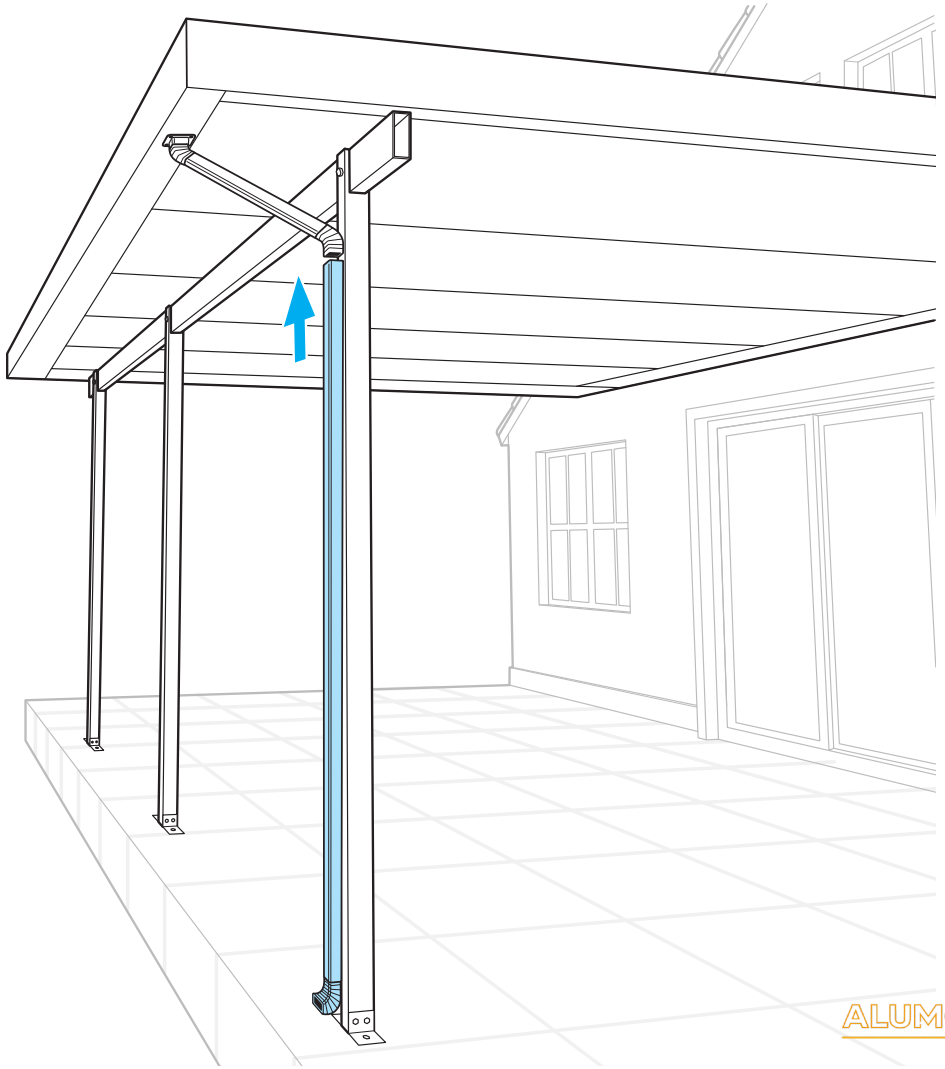
Step 39 – Install Upper Downspout

Connect the Gutter Outlet (S), upper Elbow (T), Downspout section (U), and lower Elbow (T). Position the assembly so the Downspout slopes downward toward the Post, with the lower Elbow resting against the Post. Secure the Gutter Outlet to the E-Gutter using four #12 TEK Screws (J).



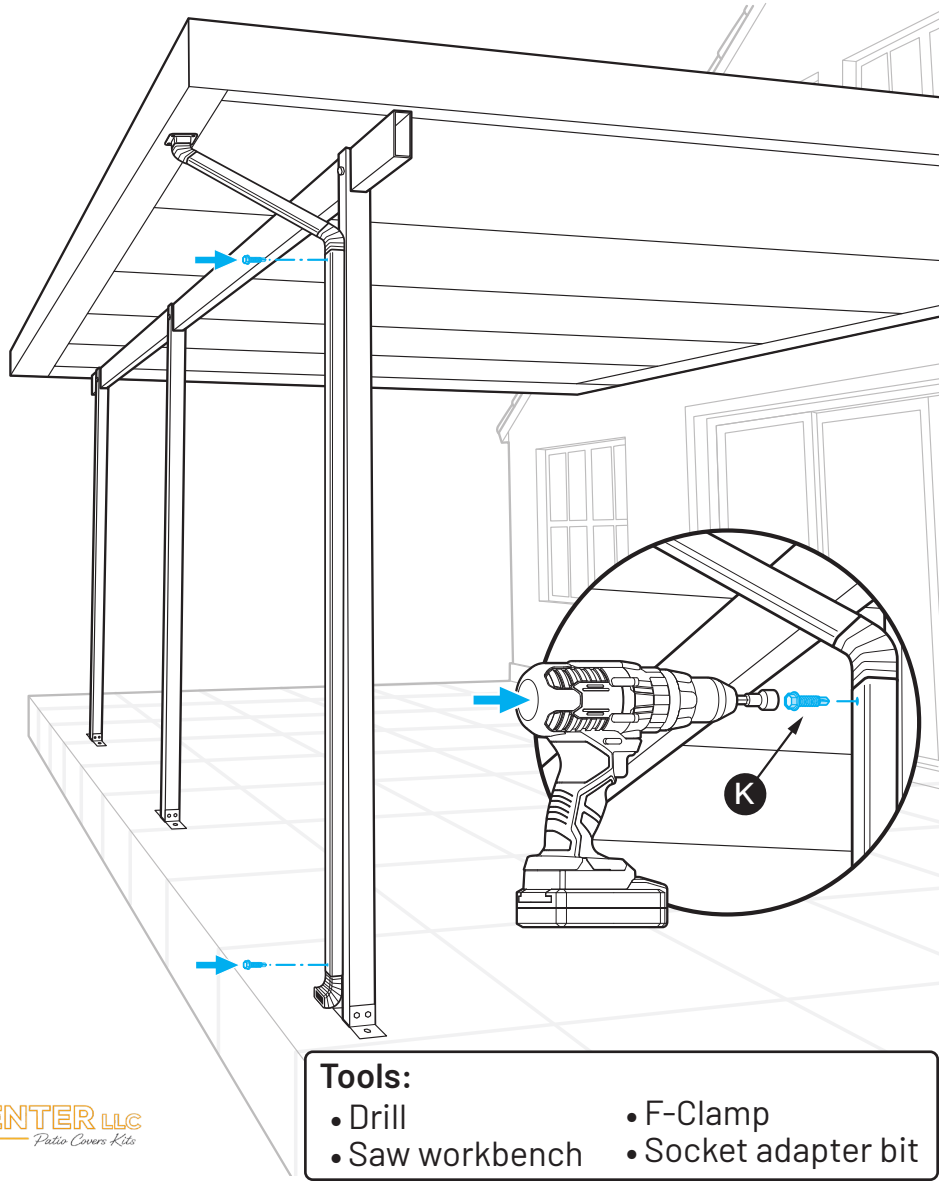
Step 40 – Install the Vertical Downspout

Measure and cut the vertical Downspout (U) to the required length. Attach an Elbow (T) to its lower end, then connect the upper end to the lower Elbow of the previously installed assembly.



Step 41 – Secure the Downspout to the Post

Secure the vertical Downspout (U) to the Post (E) using two #14 TEK Screws (K), one near the top and one near the bottom, as shown.



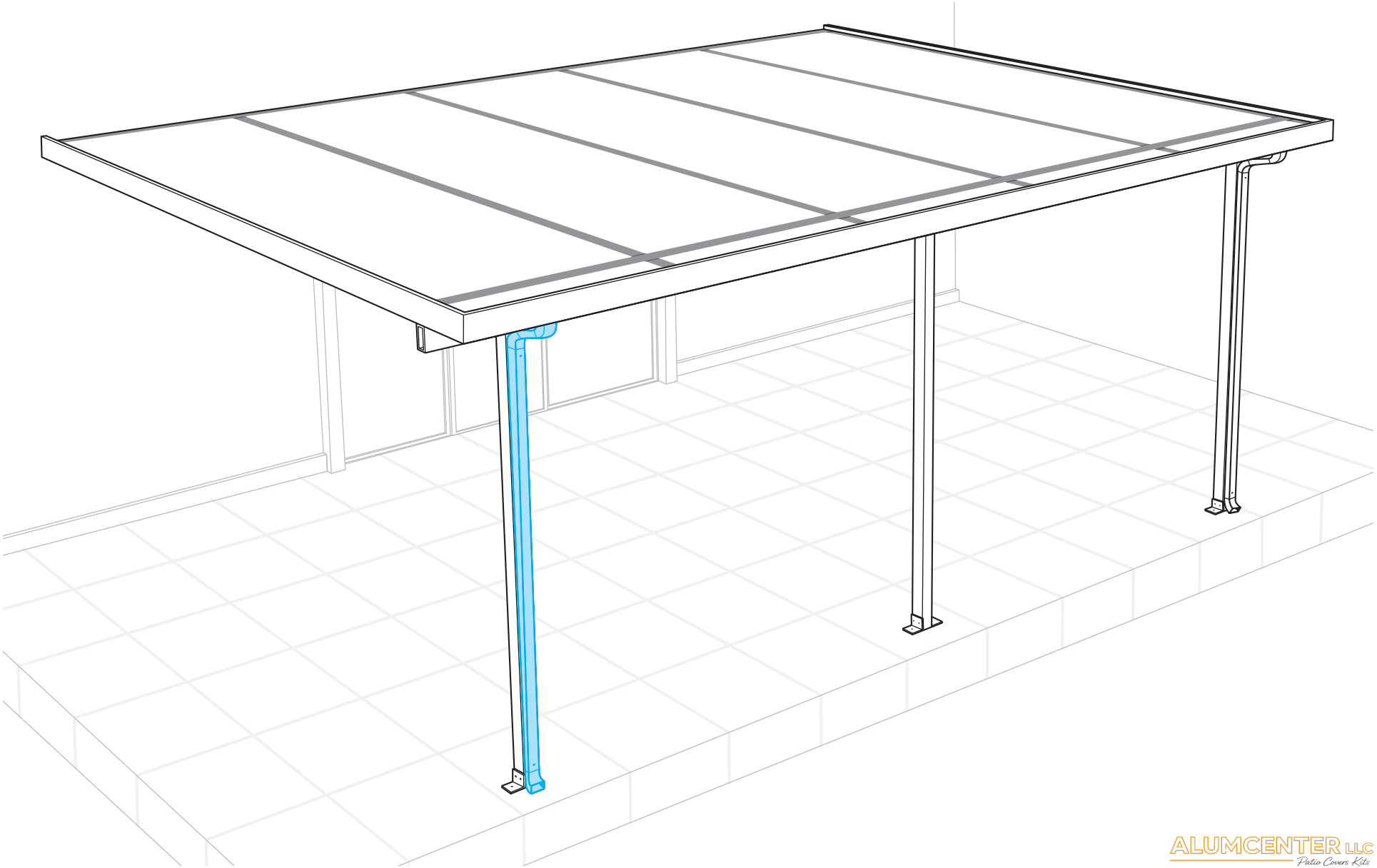
Tools:

- Drill
- Saw workbench
- F-Clamp
- Socket adapter bit

ALUMCENTER LLC
Patio Covers Kits

Step 42 – Install the Second Downspout

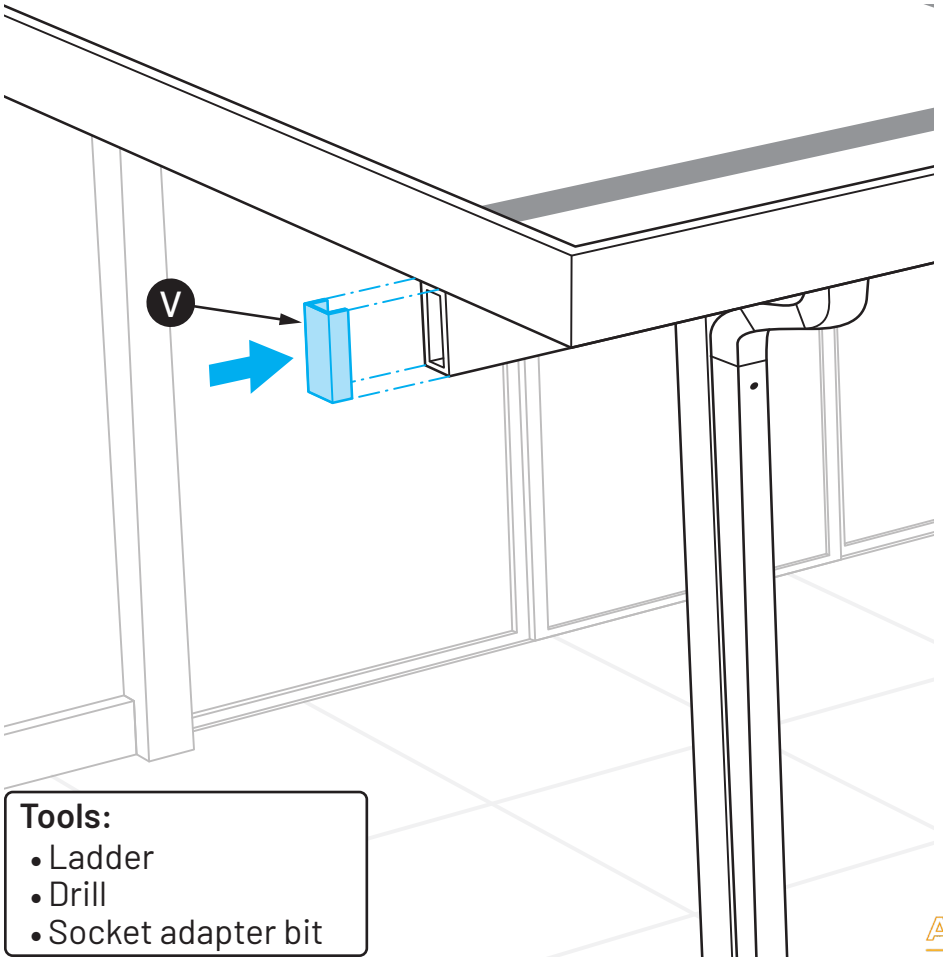
Repeat Steps 38–41 to install the second Downspout assembly on the opposite Post.



10. FINISHING THE SUPPORT BEAM ENDS

Step 43 – Install the Beam Cap

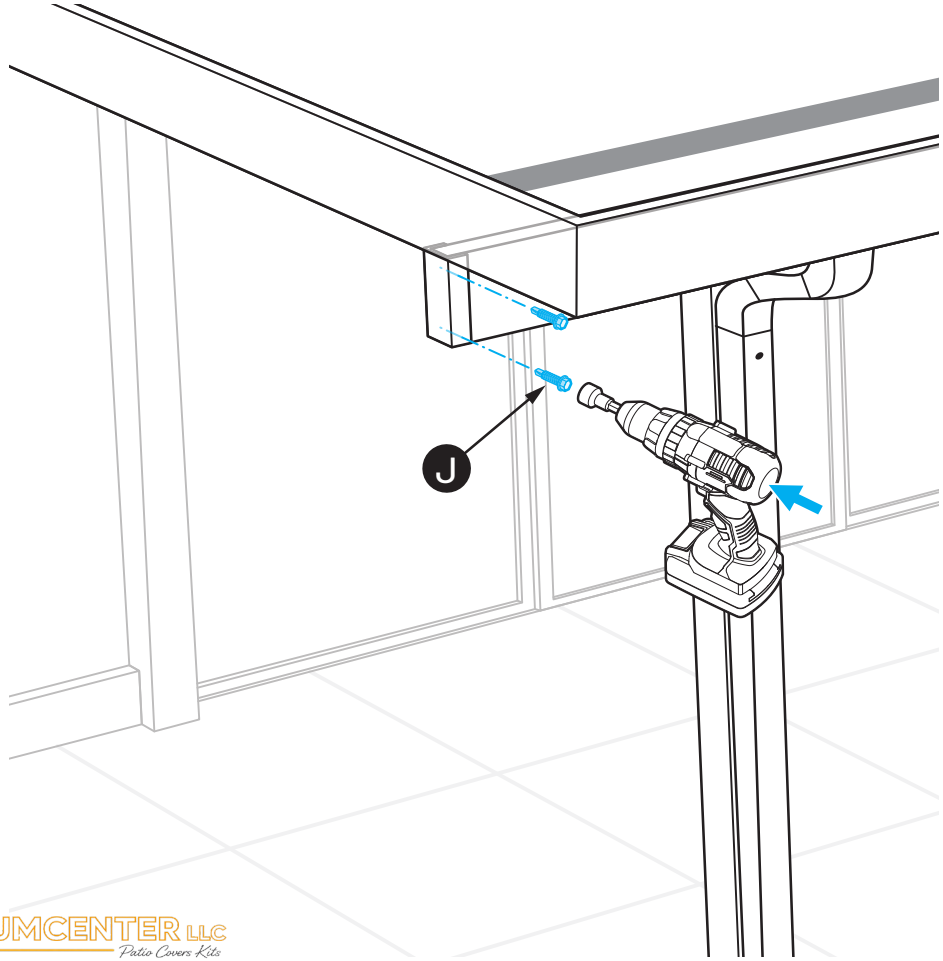
Fit a Beam Cap (V) onto the exposed end of the Support Beam (D), ensuring it is fully seated.



Tools:
- Ladder
- Drill
- Socket adapter bit

Step 44 – Secure the Beam Cap

Secure the Beam Cap (V) to the front face of the Support Beam (D) using two #12 TEK Screws (J). Do not install screws through the sides of the Beam Cap. Repeat at both ends of the Support Beam.



ALUMCENTER LLC

ALUMINUM PATIO COVERS

Contact us at 305-969-0264 or 954-674-2631

ALUMCENTER.NET

Copyright © 2026 ALUMCENTER LLC. All Rights Reserved.