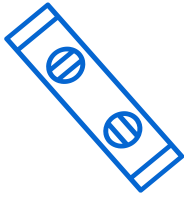


FASCIA MOUNTED ALUMINUM FRAMED GLASS RAILING INSTALLATION GUIDE

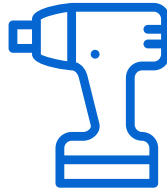
This guide offers helpful tips and step-by-step instructions for installing your Glassupply Fascia Mounted Aluminium Framed Glass Railing System

Please note: Detailed, zoomed-in pictures of each step are available at the end of this guide.

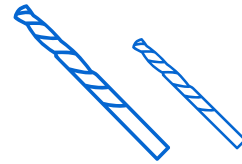
THE TOOLS YOU'LL NEED



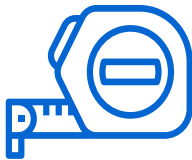
LEVEL



IMPACT DRIVER



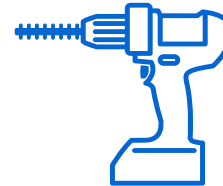
DRILL BITS



**MEASURING
TAPE**



PENCIL



POWER DRILL



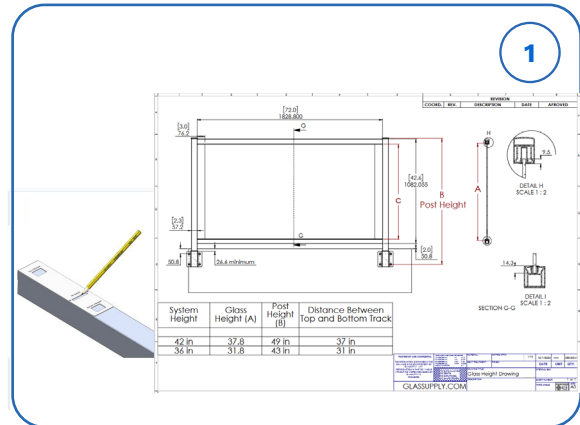
MITER SAW

INSTALLATION STEPS

1 MARK POST HEIGHT

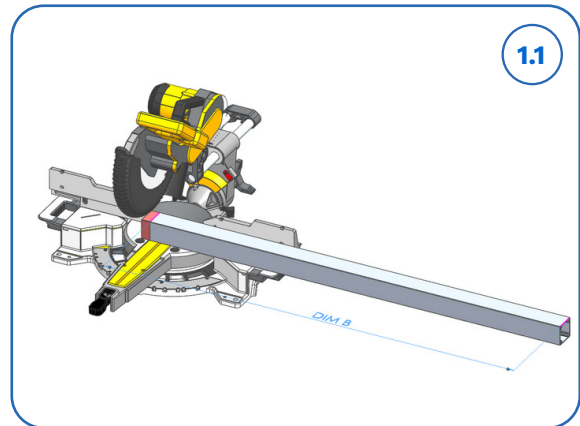
- ✓ Use the provided cutting template guide to mark the final height of your post system. For your reference, the final post height is listed in column B for each predefined railing height.

💡 The plastic guide will also be used to mark the post bracket in later steps.



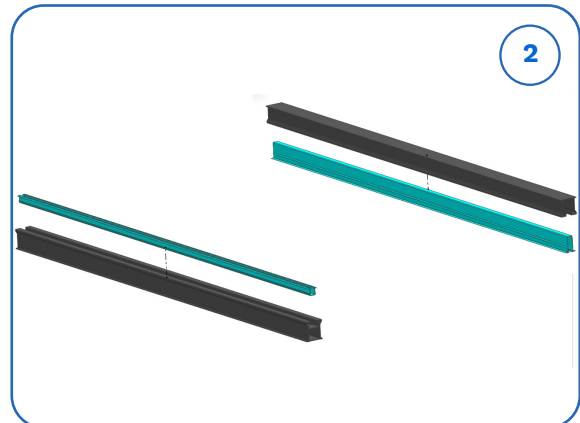
1.1 CUT POST

- ✓ Cut the post to the final height using a miter saw or hand saw.



2 INSERT GASKET TO TRACKS

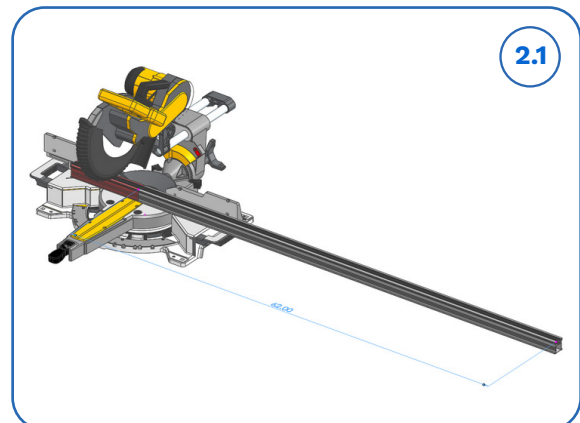
- ✓ Insert and snap the gasket into both the top and bottom tracks.



2.1 CUT TOP AND BOTTOM TRACKS

- ✓ Trim both the top and bottom tracks to their final width. Use the provided to-scale plan to determine the exact dimensions, as each order is custom-made for a precise fit.

💡 e.g., in the image shown, the final track width will be 62"



3 MARK AND SECURE TOP POST BRACKET

- ✓ Use the provided template to mark the final post bracket position, and secure it using self-tapping screws (Part No. R-AFR-HRSCW8-0.5-00)
- 💡 The upper edge of the top bracket should be positioned 15/16" below the top of the post.



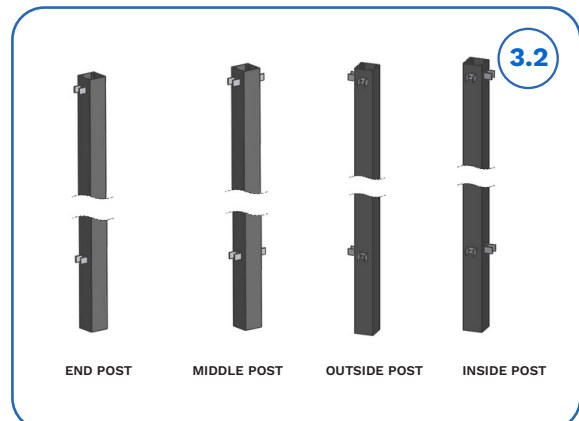
3.1 MARK AND SECURE BOTTOM BRACKET

- ✓ Repeat Step 3 procedure to mark the bottom bracket position, secure it with self-tapping screws (Part No. R-AFR-HRSCW8-0.5-00)
- 💡 The upper edge of the bottom bracket should be positioned 9 3/16" from the bottom of the post.



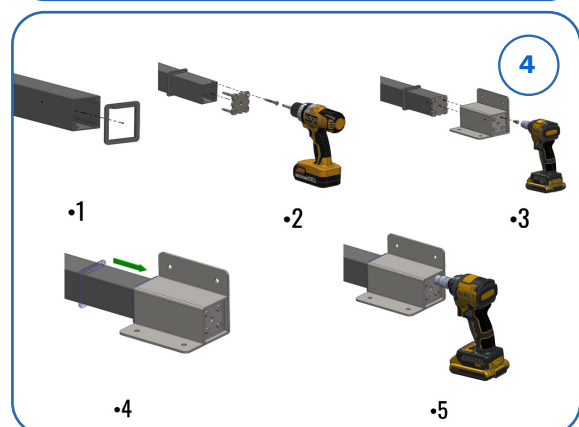
3.2 VERIFY POST BRACKET INSTALLATION

- ✓ After completing Step 3, the final post assembly of each post type should match the results shown in the picture 3.2



4 ASSEMBLE POST PLATE AND BRACKET

- ✓ **INSERT GASKET COVER:** Insert the provided gasket Cover into the end of the post.
- ✓ **ATTACH THE POST BOTTOM ADAPTOR:** Position the post adaptor at the end of the post and secure it using the provided bolts. Tighten the screws firmly, ensuring the plate is securely attached.
- ✓ **SET FASCIA BRACKET:** Set the Bracket in place, align bottom holes with the bottom adaptors holes, start tightening the bolts to join both parts together.
- ✓ **SET GASKET COVER INTO FINAL POSITION:** Before tightening completely, Slide down the gasket cover so that the lip side faces the front side of the bracket.
- ✓ **TIGHTEN THE SCREWS:** Once all components are aligned, tighten the screws on the bracket securely. Ensure the assembly is firm and properly seated.



4.1 POST TYPE FINAL ASSEMBLY

- ✓ The final post assembly of each post type should match the results shown in the picture 4.1

5 MARK THE TOP FASCIA BRACKET LINE

- ✓ Mark the top of the bracket on the substrate.
For concrete installations, we recommend maintaining approximately a 2" gap between the center of the screw and the edge, which positions the top of the bracket about 1" from the edge.
For wood installations, the bracket can be positioned closer to the edge if necessary.

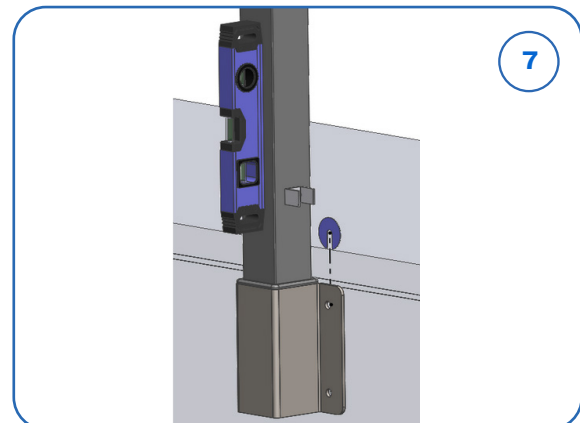
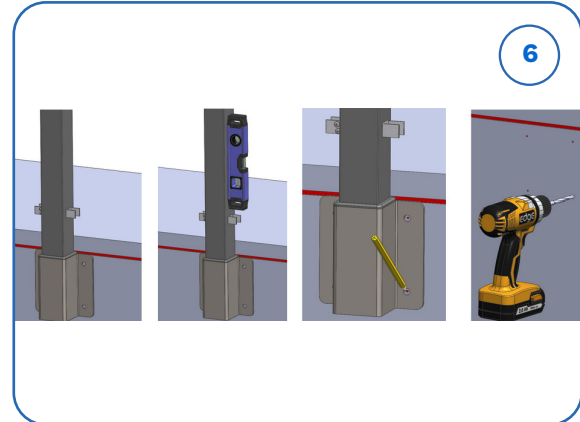
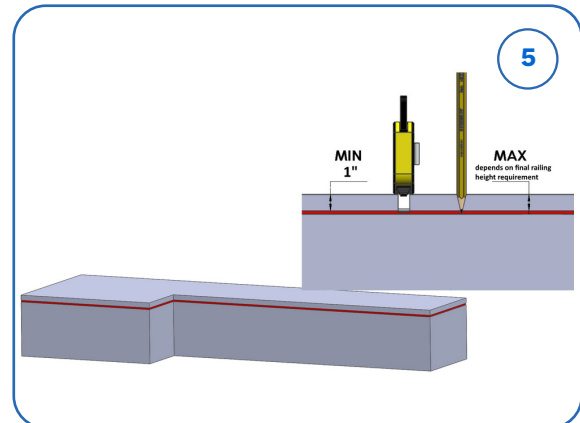
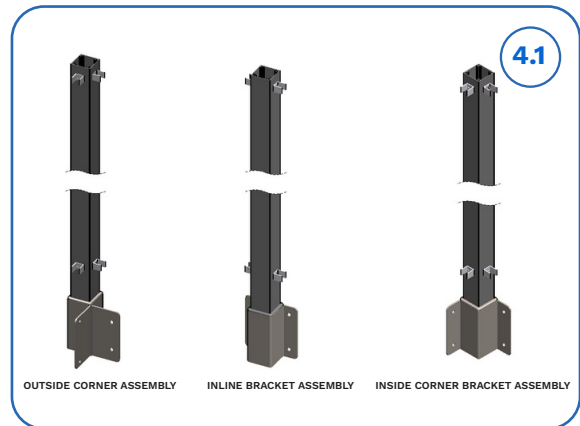
6 ALIGN AND MARK ASSEMBLED POST POSITION

- ✓ **PLACE THE BRACKET:** Position the post and bracket assembly on the substrate according to the marked measurements.
- ✓ **CHECK FOR LEVEL:** Use a level to ensure the post is perfectly Leveled. Adjust as necessary to maintain proper alignment.
- ✓ **MARK DRILL HOLES:** Using the bracket holes as a guide, mark the positions for the screws or anchors on the substrate with a pencil.
- ✓ **DRILL HOLES:** Use an appropriate drill bit to create holes at the marked positions, ensuring they are deep enough to accommodate the screws or anchors.

7 ENSURE POSTS IS PLUMB

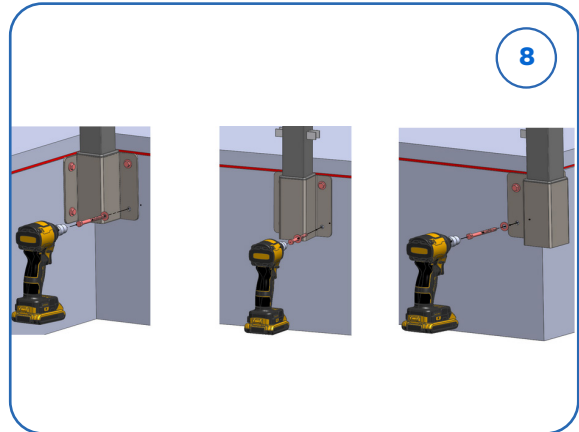
- ✓ **CHECK PLUMB ALIGNMENT:** Use a level to check if the post is perfectly plumb. Place the level against the post and look for any deviations from vertical.
- ✓ **SHIM FOR CORRECTIONS:** If the post is not plumb, insert the provided C-shaped shims between the post bracket and the substrate to adjust the alignment.
- 💡 This step is easier to perform with the anchors in place but not completely tightened, allowing for minor adjustments.
- ✓ **RECHECK ALIGNMENT:** After inserting the shims, recheck the post with the level to confirm it is perfectly plumb before fully tightening the anchors.

This ensures precise alignment for a stable and visually appealing railing system.



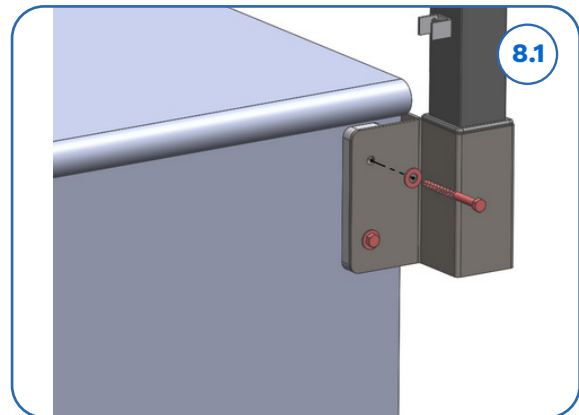
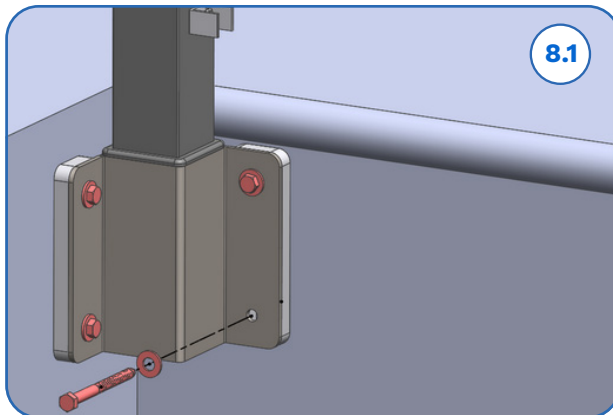
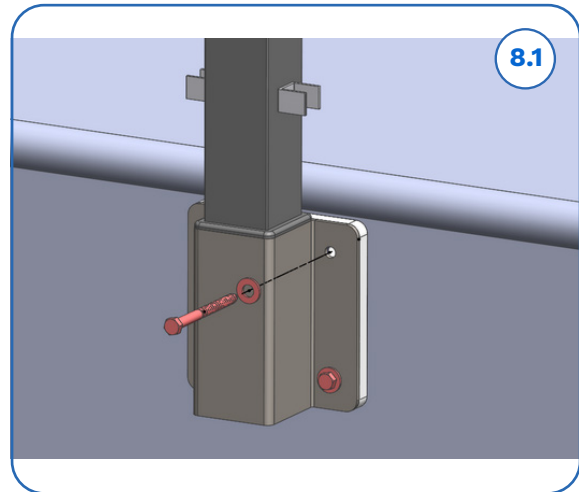
8 FASTEN THE POST TO SUBSTRATE

- ✓ **TIGHTEN SCREWS:** Using , tighten them into the pre-drilled holes in the substrate.
- ✓ **ADJUST PLUMB ALIGNMENT:** As you tighten the screws, you can make final adjustments to the plumb alignment of the post. Use a level to ensure the post remains perfectly vertical.
- 💡 This is your last opportunity to adjust the plumb alignment before fully securing the bracket.
- ✓ **SECURE EACH SCREW:** Work methodically, tightening each screw until the bracket is firmly attached to the substrate.



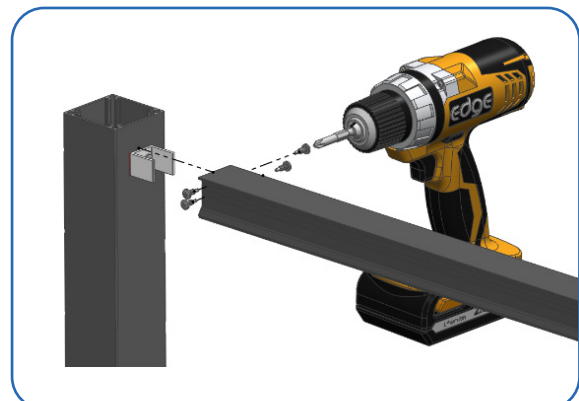
8.1 ADJUST FOR NOSING

- ✓ **CHECK FOR NOSING:** If the deck floor or staircase has a nosing (an overhanging edge), determine whether additional shims are required to clear the nosing. (Aluminum Shims are sold separately.)
- ✓ **ADD SHIMS:** Insert one or two extra spacers (½" thick) between the post bracket and the substrate as needed to accommodate the nosing. Ensure the spacers are securely and properly positioned.
- 💡 You can refer to the following illustrations to see how shims are used with each type of post bracket.



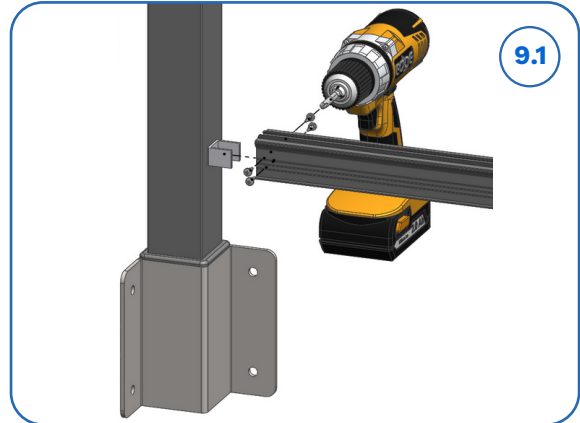
9 ATTACH TOP TRACK TO POST

- ✓ Insert the top track over the U bracket and secure it in place using self-tapping screws (Part No. R-AFR-HRSCW8-0.5-00). Use 4 screws per Bracket (2 per sides)



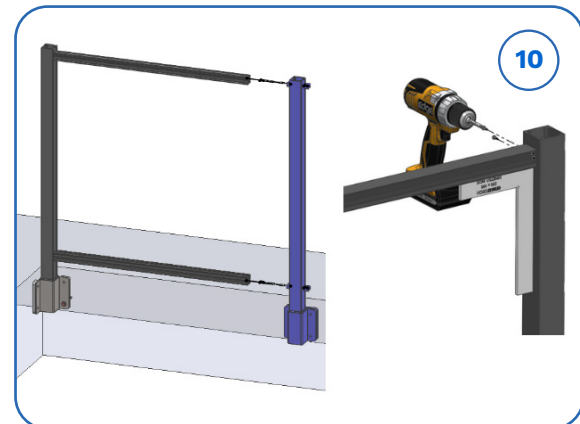
9.1 ATTACH BOTTOM TRACK TO POST

- ✓ Repeat the process from Step 9, this time attaching the bottom track to the bottom bracket, ensuring it is secured in place using self-tapping screws.

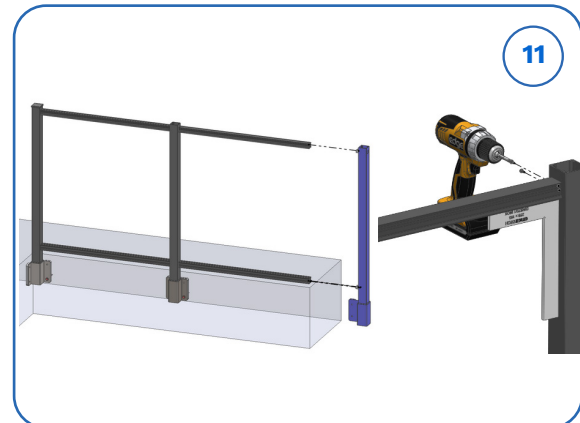
**10 VERIFY PARTIAL FRAME ASSEMBLY**

- ✓ After completing the previous steps, the partial frame should look like the examples shown.

💡 The inside post corner has been assembled.

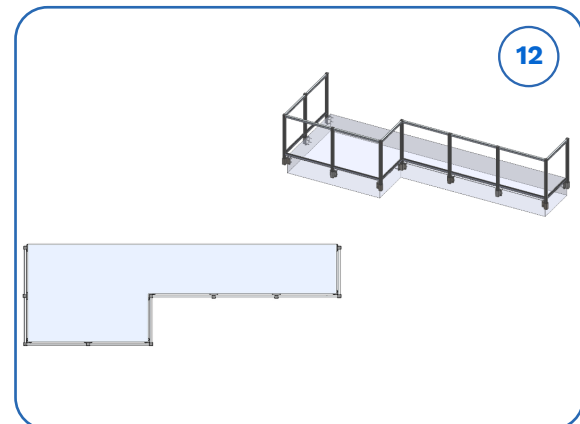
**11 ADD SUBSEQUENT POST**

- ✓ Install the next post in the sequence. Ensure it is square and use the same self-tapping screws as in Step 5 to secure it in place.

**12 COMPLETING FRAMEWORK**

- ✓ The framework and layout at this stage of the installation should resemble the example shown here.

💡 This layout is provided for illustration purposes only. For longer spans, we recommend dividing the layout into smaller sections.



13 INSTALL HANDRAIL AND BOTTOM TRACK COVER

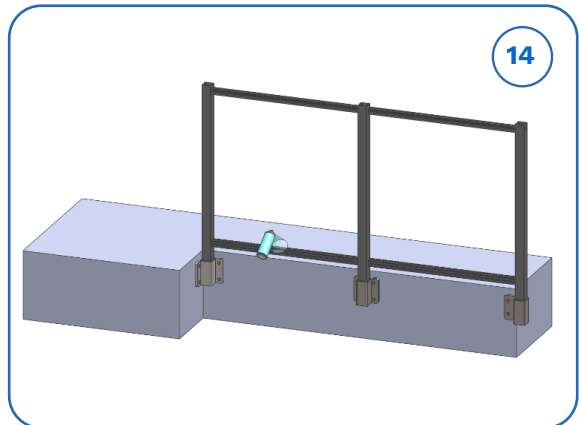
- ✓ **POSITION THE HANDRAIL:** Align the upper handrail above the top track, ensuring it is properly seated along the length of the frame.
- ✓ **SECURE WITH A RUBBER Mallet:** Use a rubber mallet to gently tap the handrail into place. Apply light, even hits across the length of the handrail to
- ✓ **CHECK FIT:** Once installed, verify that the handrail is firmly attached and aligned evenly with the top track.

Repeat Steps for the bottom track cover.



14 LUBRICATE GASKET FOR GLASS INSTALLATION

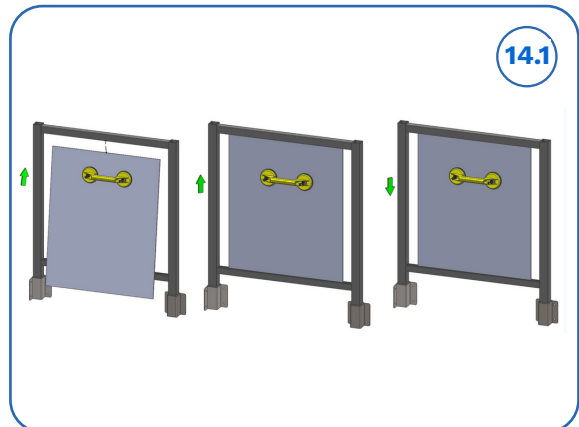
- ✓ Before installing the glass panel, apply a lubricant to the gasket along the bottom and top tracks. You can use a mixture of water and soap or a glass cleaning spray. This will reduce friction, making it easier to slide the glass into place during the next step. Ensure the gasket is evenly coated for the best results.



14.1 INSTALL THE GLASS PANEL

- ✓ **TILT AND ALIGN WITH UPPER GASKET GROOVE:** Tilt the glass panel slightly and align the top edge with the groove of the upper gasket.
- ✓ **SLIDE UPWARDS AND CLEAR BOTTOM TRACK:** Push the glass upward carefully, ensuring it slides securely into the upper track gasket. Lift the glass high enough so that the bottom edge completely clears the bottom track.
- ✓ **POSITION VERTICALLY AND INSERT INTO BOTTOM GASKET:** Bring the glass into a vertical position, aligning the bottom edge with the groove of the bottom track gasket. Lower the glass gently until it sits securely in the bottom gasket.

Ensure the glass is properly aligned and securely seated before proceeding with the next glass install.



15 INSTALL POST CAP

- ✓ Align the post cap with the top of the post.
- ✓ Use a rubber mallet to gently tap the post cap into place. Apply light, even pressure to avoid damaging the cap or the post.
- ✓ Confirm that the post cap is securely seated and level.

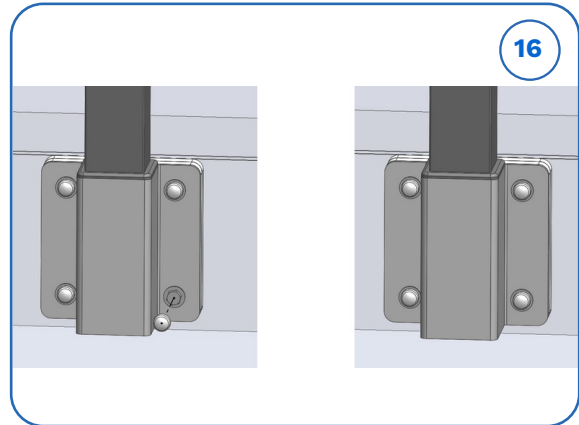
This step completes the finishing touch for the railing assembly!



16 INSTALL HEX CAP COVERS

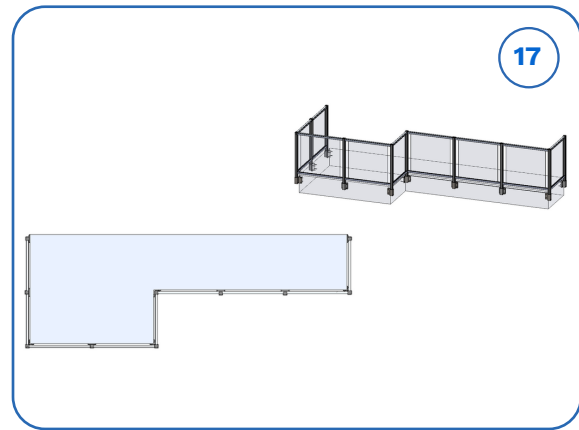
- ✓ **PREPARE THE HEX CAP COVERS:** Gather the hex cap covers designed for bolts or screws with 1/2" across-the-flats hex heads. typical tread size diameter would be 5/16" for this /screw/bolt size.
- ✓ **SECURE THE COVERS:** Press the hex cap covers firmly onto the bolt or screw heads until they snap into place.

This step provides a clean and finished look while protecting the bolt or screw heads.



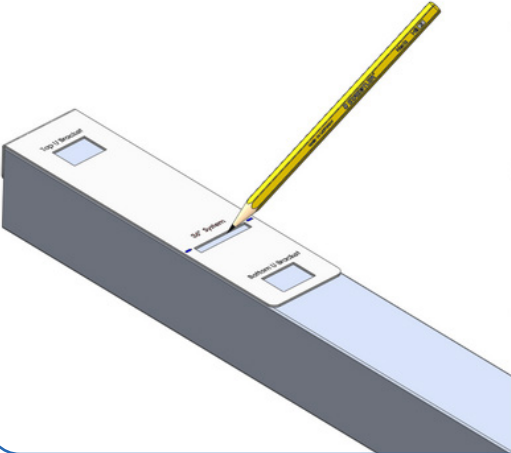
17 COMPLETED INSTALLATION

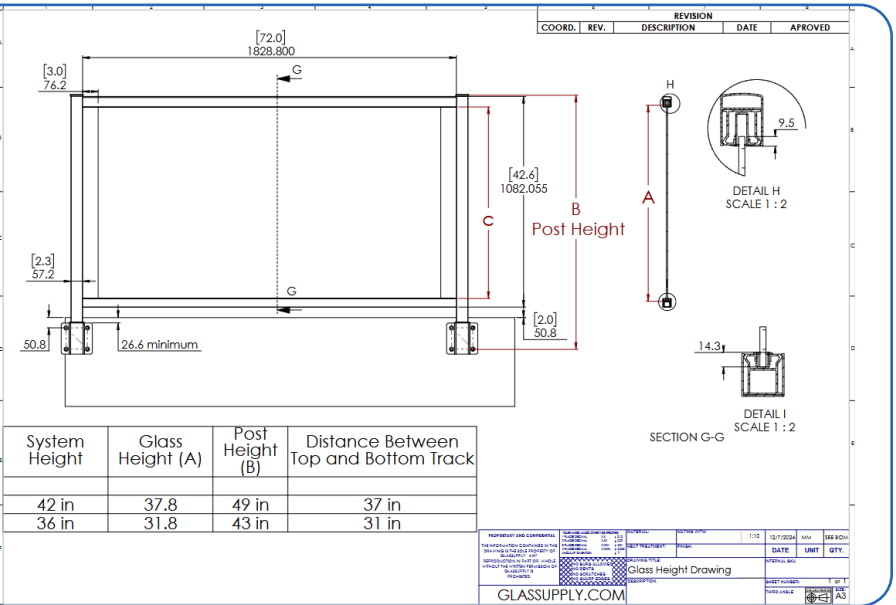
- ✓ This is an example of what a complete system can look like once fully assembled and installed!



ALUMINUM FRAMED GLASS RAILING INSTALLATION GUIDE

1





REVISION

COORD.	REV.	DESCRIPTION	DATE	APPROVED

Dimensions:

- Top Rail: [72.0] 1828.800
- Bottom Rail: [2.3] 57.2
- Post Height (B): [42.6] 1082.055
- System Height: [3.0] 76.2
- Distance Between Top and Bottom Track: [2.0] 50.8
- Minimum Gap: 26.6 minimum

Details:

- DETAIL H SCALE 1 : 2
- SECTION G-G SCALE 1 : 2

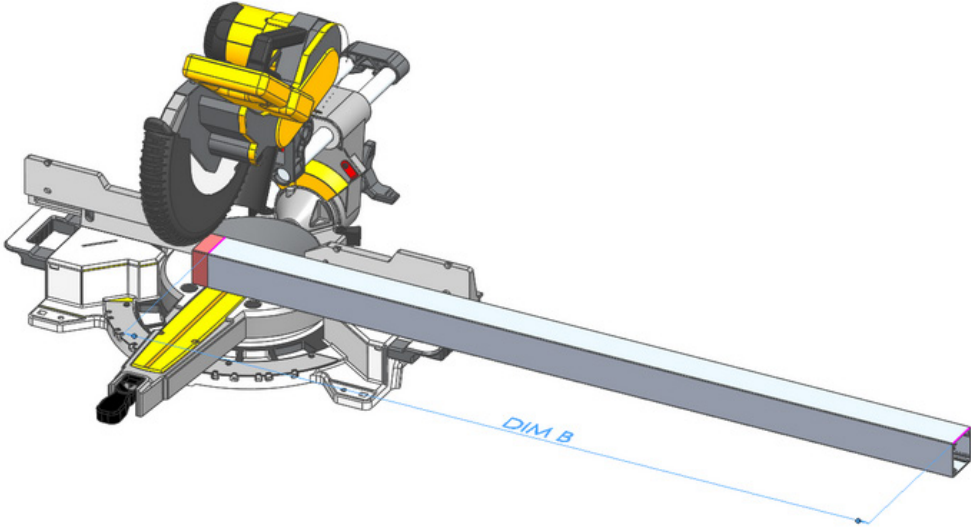
System Height	Glass Height (A)	Post Height (B)	Distance Between Top and Bottom Track
42 in	37.8	49 in	37 in
36 in	31.8	43 in	31 in

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GLASS HEIGHT DRAWING

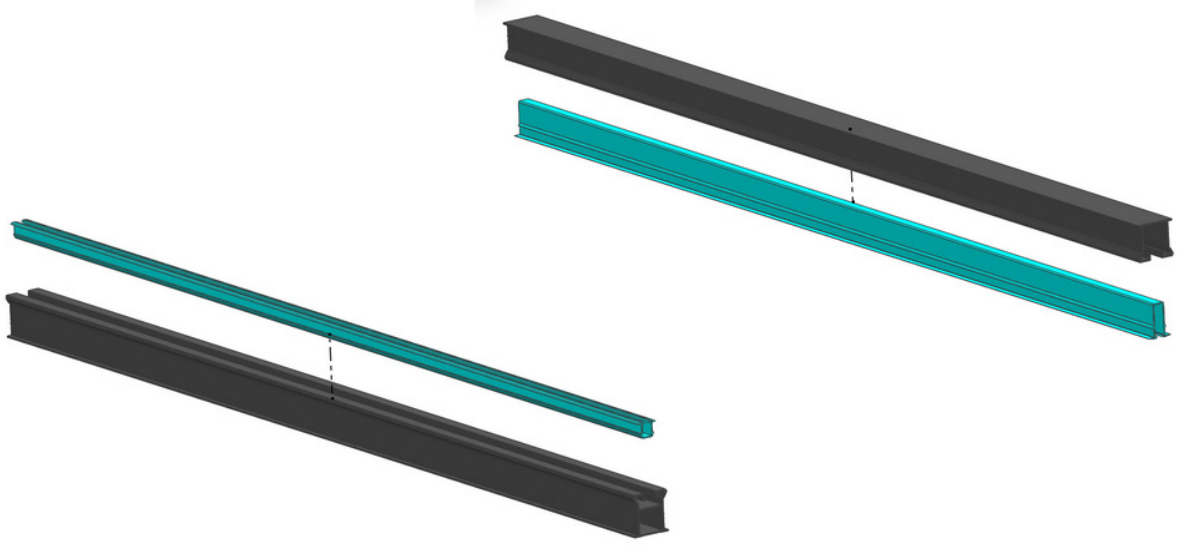
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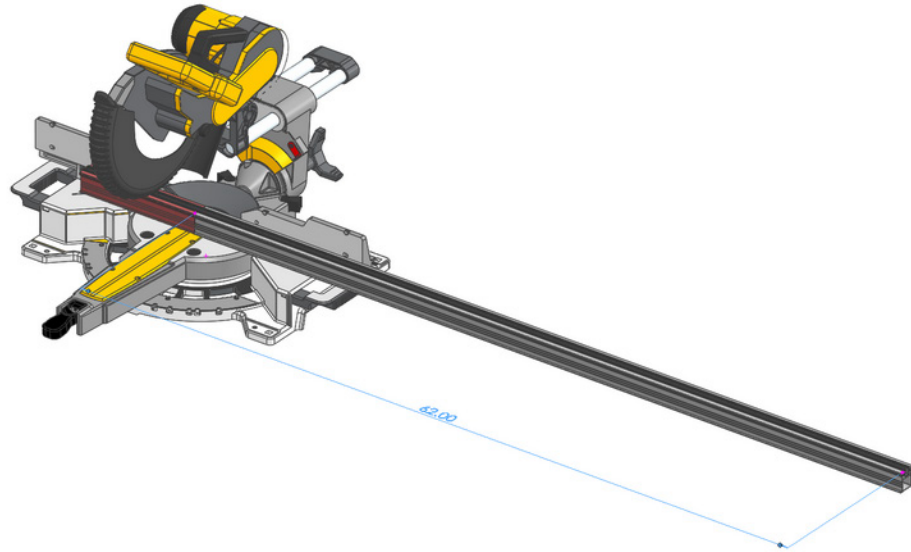


DIM. B

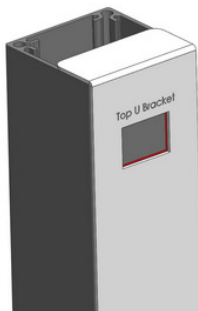
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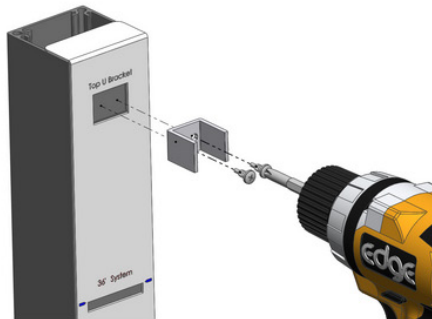
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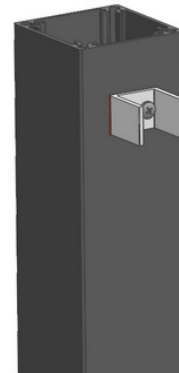
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•1



•2

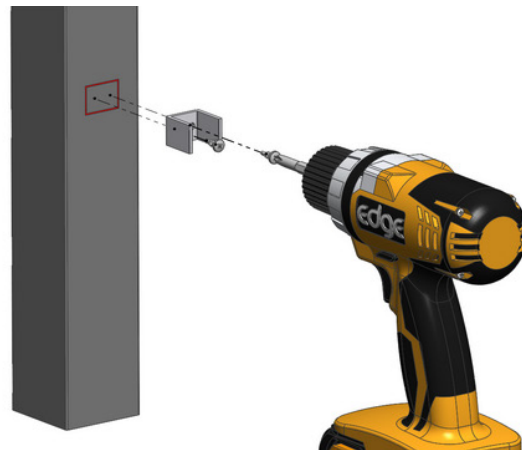


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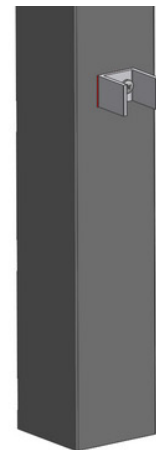
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•1

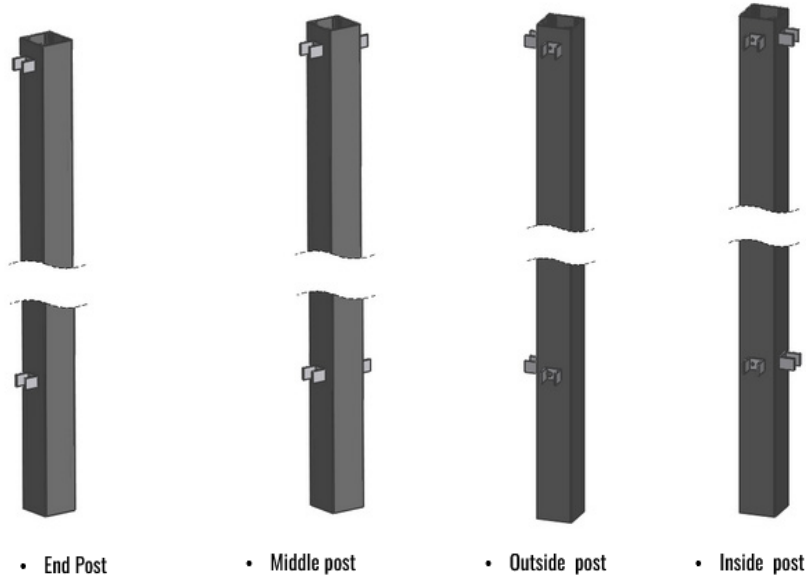


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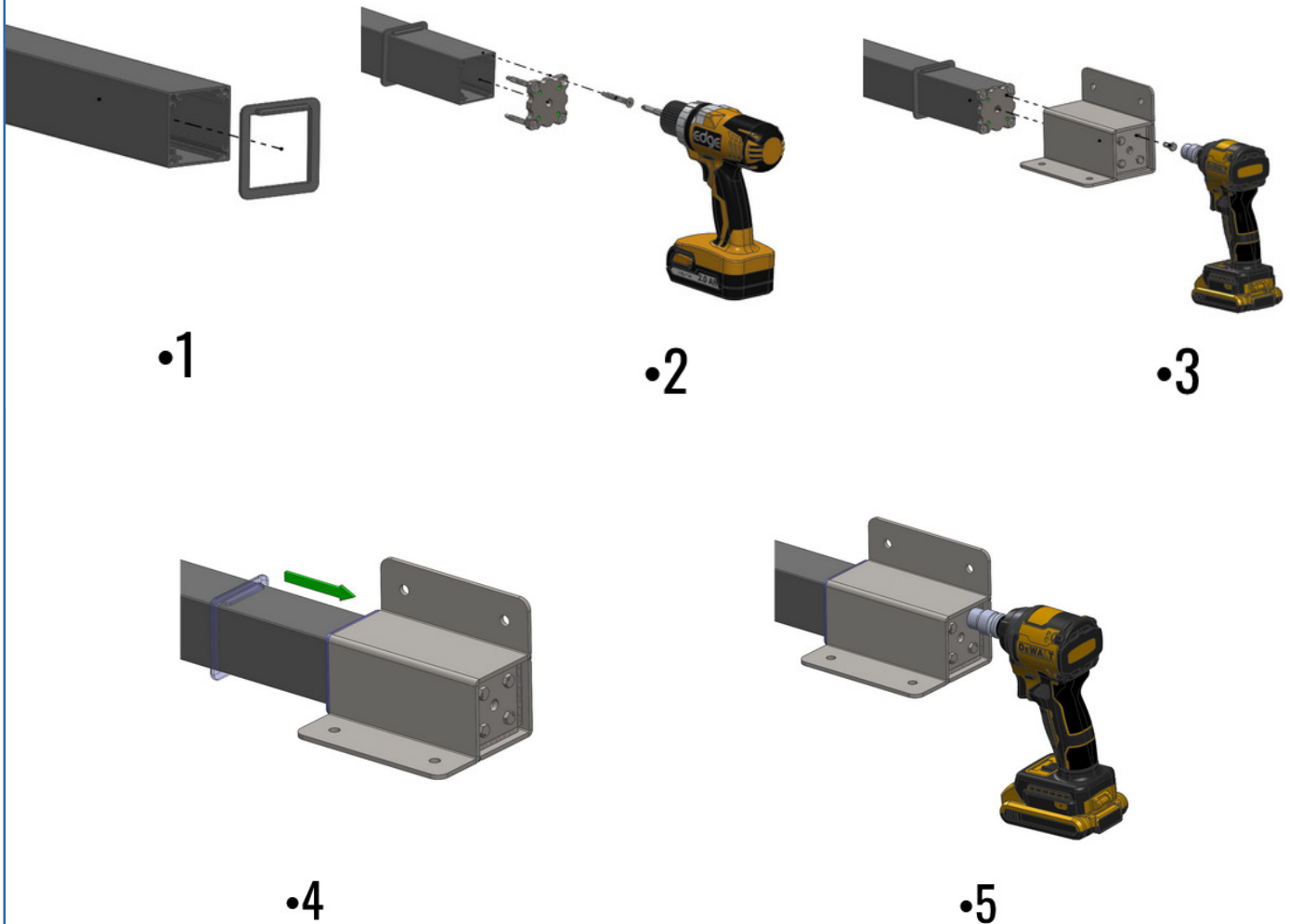


•3

3.2



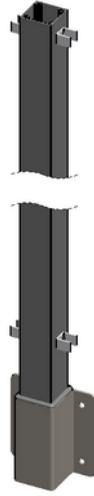
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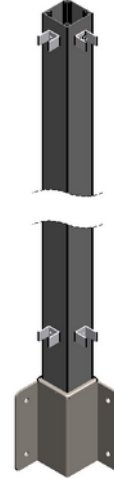
4.1



• OUTSIDE CORNER ASSEMBLY

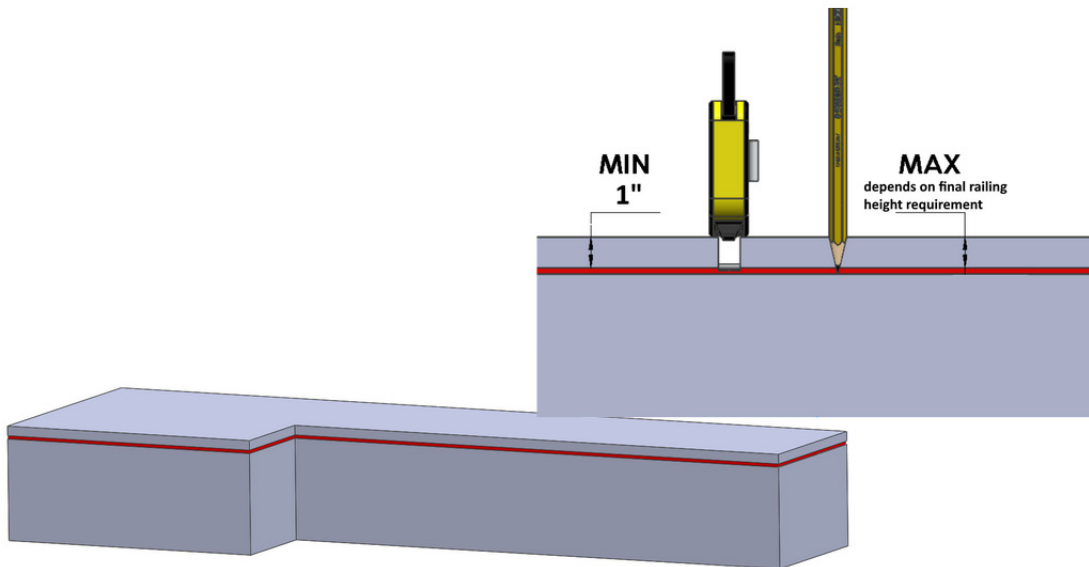


• INLINE BRACKET ASSEMBLY

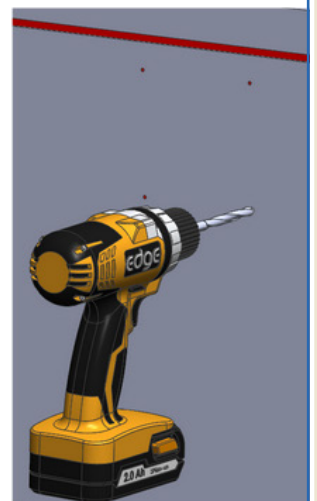
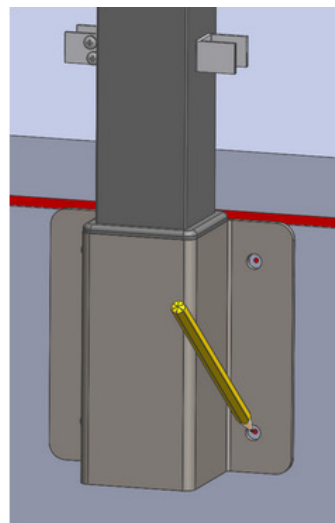
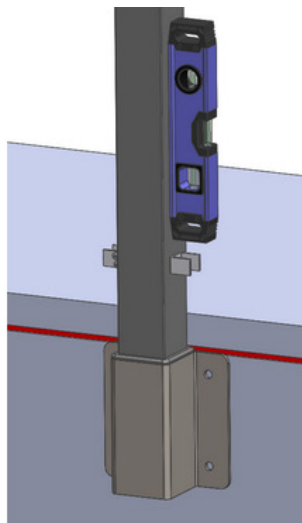
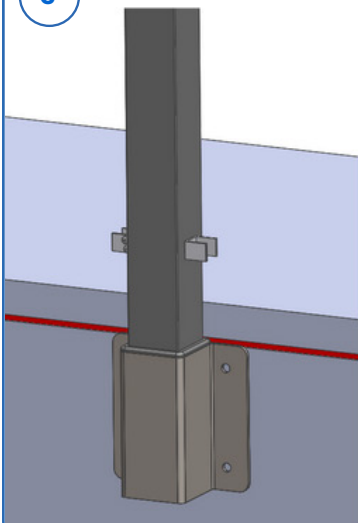


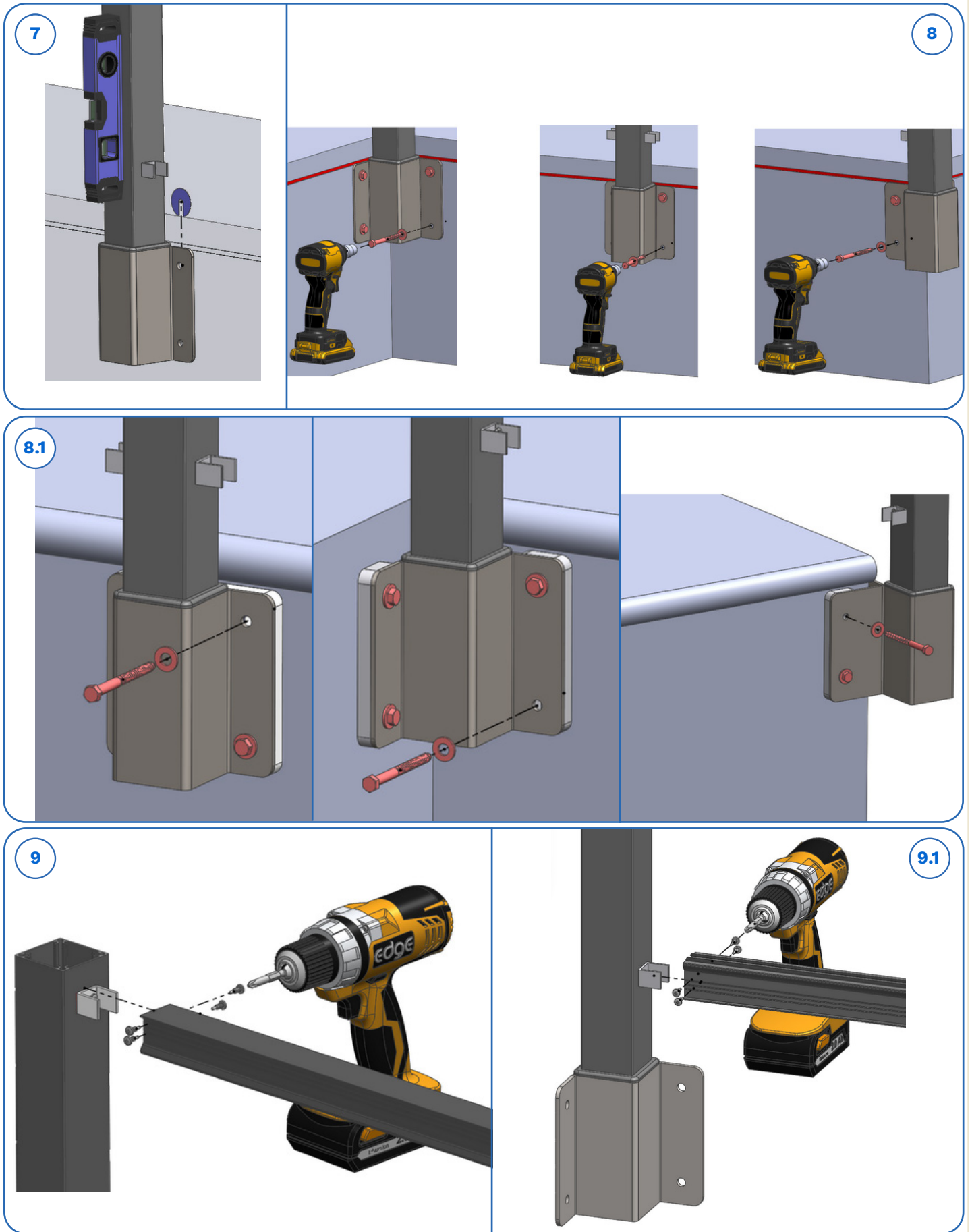
• INSIDE corner BRACKET ASSEMBLY

5

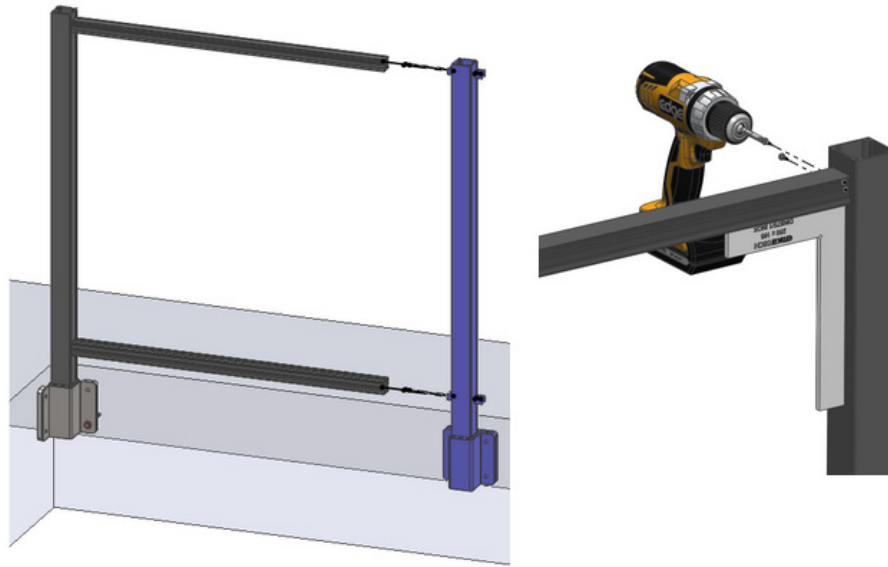


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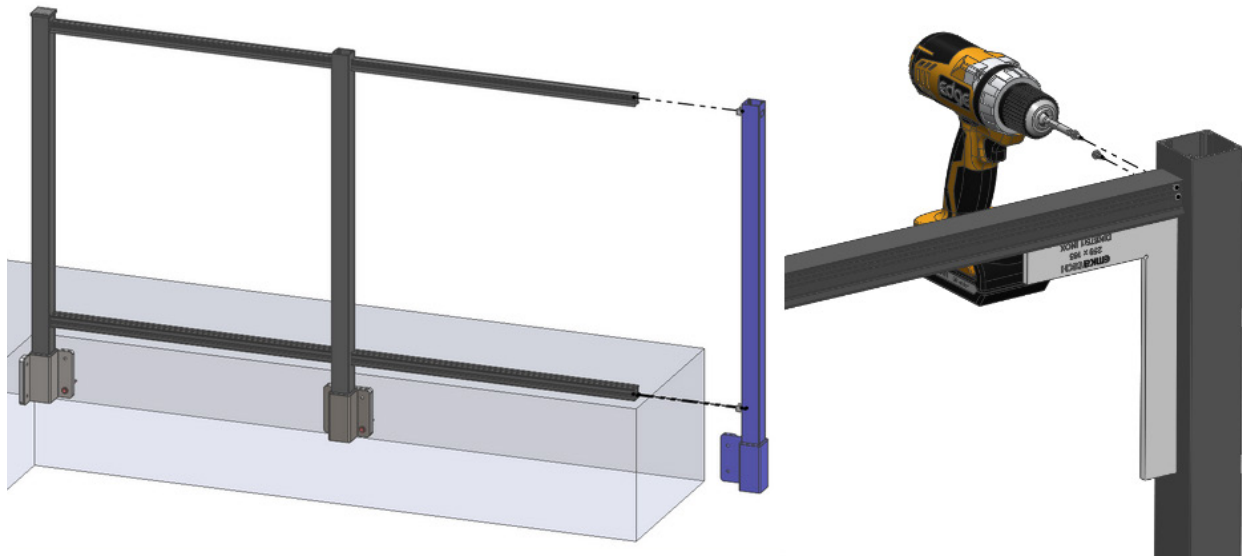




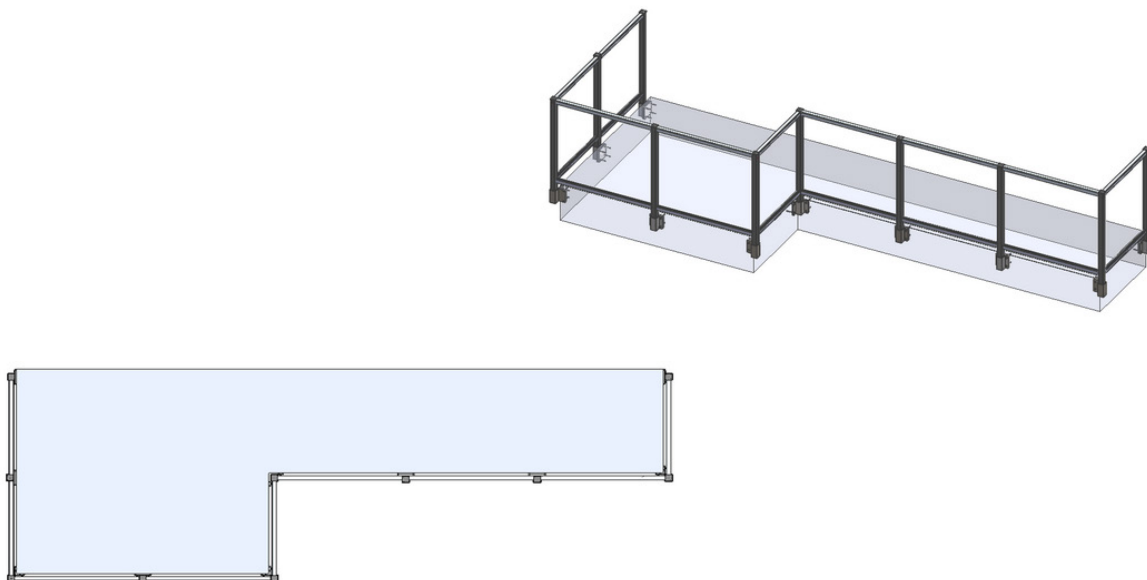
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11



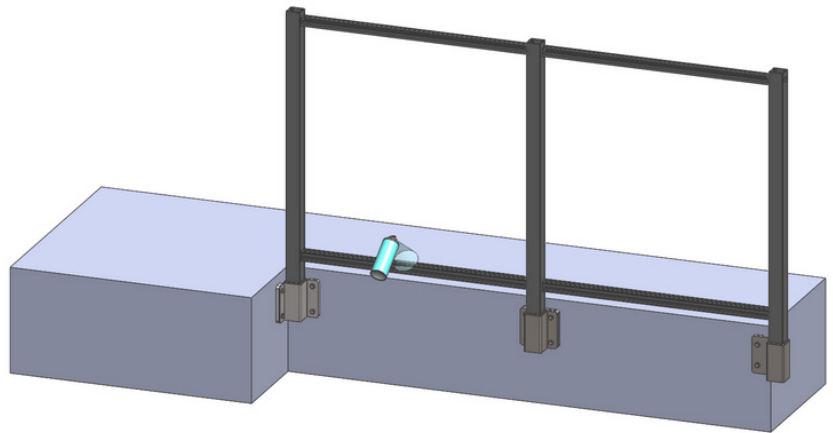
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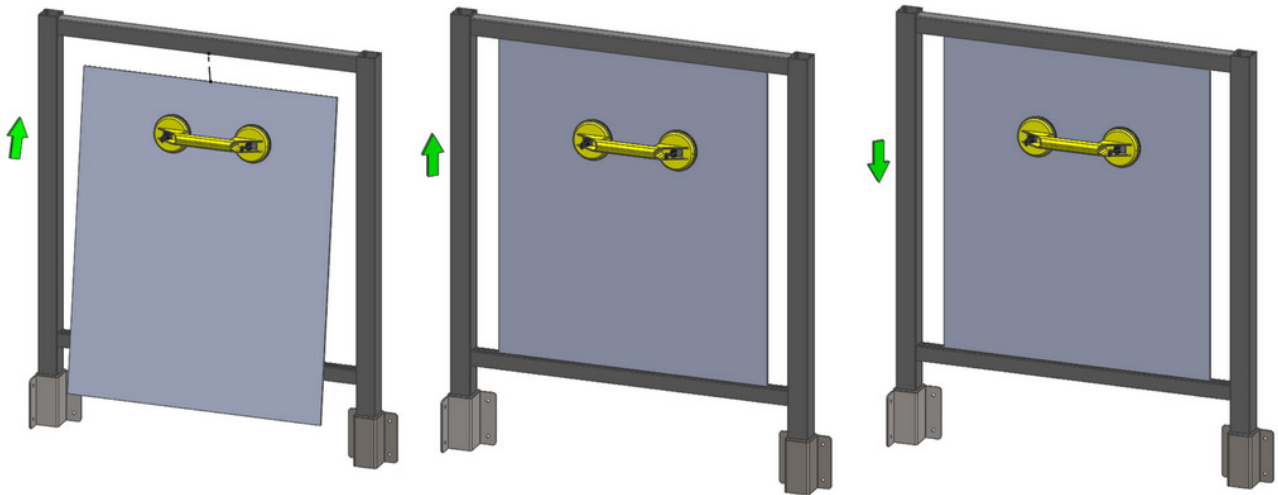
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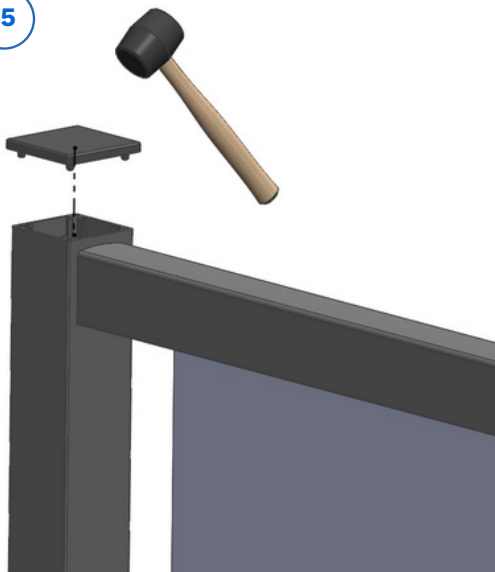
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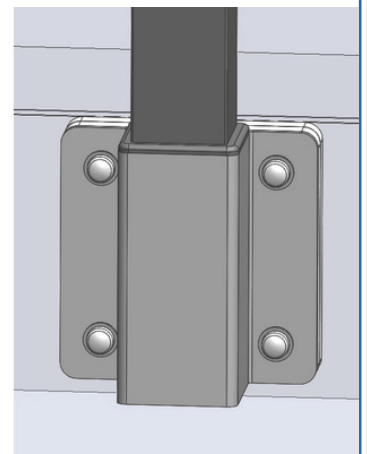
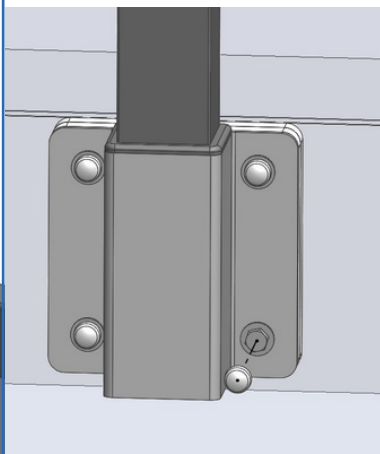
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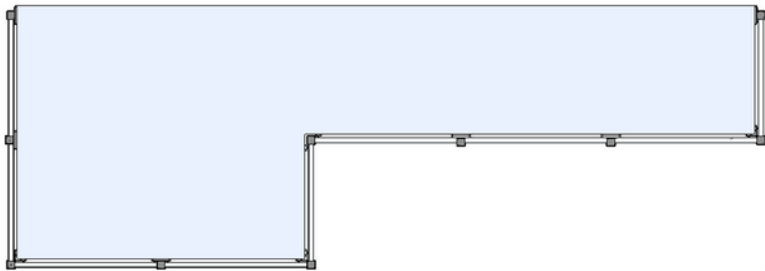
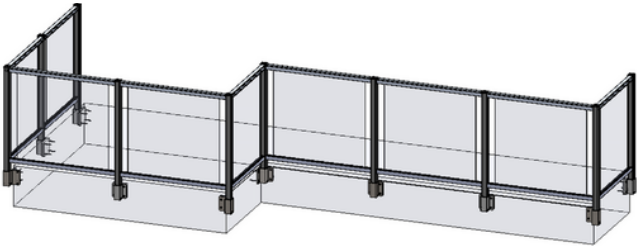
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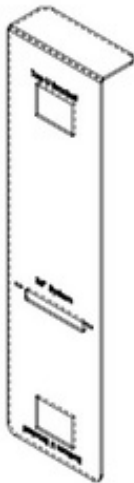
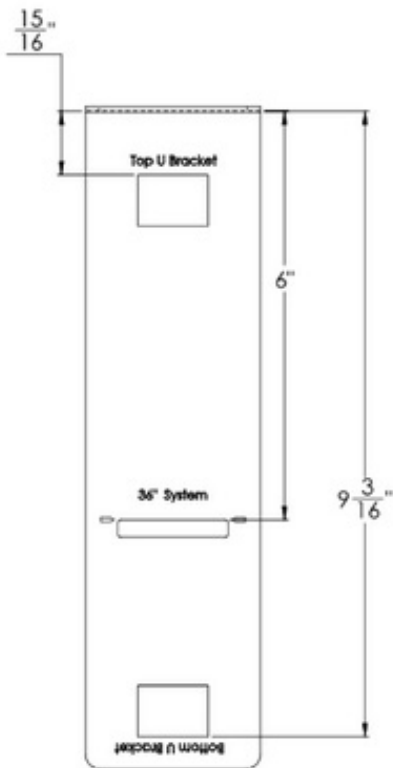
16



17



COORD.	REV.	DESCRIPTION	DATE	APPROVED
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		SHEET NUMBER		1	OF 1		
		SIZE		A3			

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ALUMINUM FRAMED GLASS RAILING INSTALLATION GUIDE

