

Groove Wall Sliding Glassboard / GRW46

Installation Instructions

NOTE: Immediately after delivery, carefully open carton(s) and inspect for concealed damage. Save carton(s) and packing material for future use. If concealed damage is found, notify the carrier immediately to request an inspection. Failure to report shipping damage in a timely manner will result in the denial of a damage claim. Return the product to the original packaging to protect it.

NOTE: Failure to follow the installation instructions will void warranty. Refer to <https://ghent.com/warranties> for additional details.

NOTE: **Three (3) technicians are required to attach frame to wall.** Two (2) technicians are required for all other installation tasks. Estimate of 4 hours installation time.

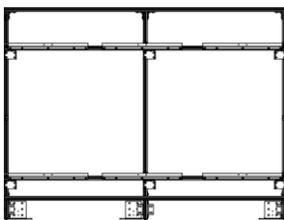
Required Supplies (NOT PROVIDED BY GHENT):

- Obtain wall anchors and screws appropriate for the wall construction

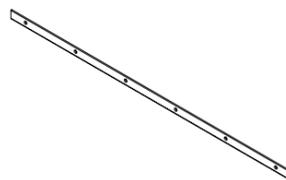
Tools Needed:

- Laser Level
- Level, 4'-6'
- Tape Measure
- Pencil
- Step Ladder
- Mallet
- Suction Cups
- Power Drill
- 7/32" Drill Bit for Lag Screws
- 3/8" Socket with Low Profile Ratchet
- 7/16" Open End Wrench or Socket with Ratchet
- 1/8" Allen Wrench
- 5/32" Allen Wrench (Provided)
- 3/16" Allen Wrench (Provided)
- #2 Phillips Screwdriver
- Sawhorses or Sturdy Temporary Work Surface

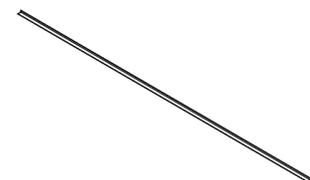
Packaging Contents:



(1)
Frame Assembly



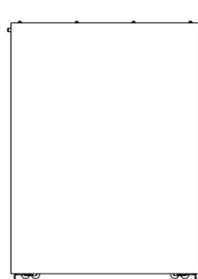
(2)
70-11/16" Long Track



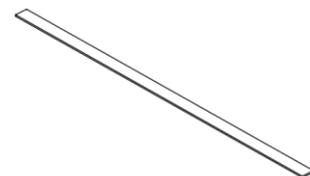
(1)
Plastic Glass Protective
Angle With Tape



(2)
Magnetic Glass
Panels

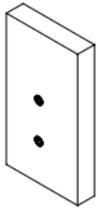


(1)
Magnetic Slider Panel



(1)
White Fixed Glass
Support Panels

Packaging Contents (Cont'd.):



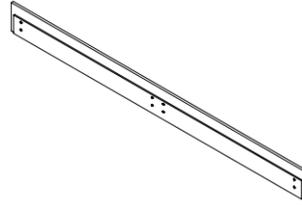
(1)

Small Bottom Right Side Decorative Panel



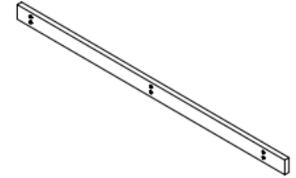
(1)

Small Bottom Left Side Decorative Panel



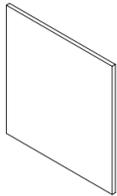
(1)

Bottom Decorative Panel



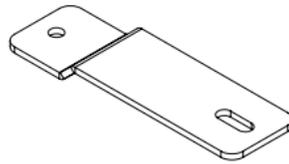
(2)

Side Decorative Vertical Panels



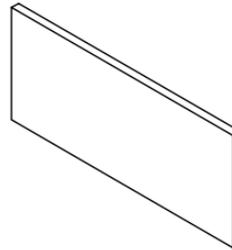
(2)

Plywood Wall Blocking



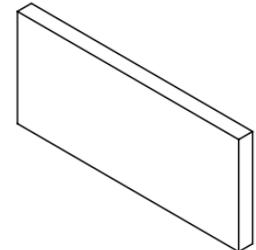
(8)

Wall Mounting Brackets



(6)

Thin Aluminum Glass Shims



(6)

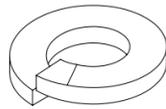
Thick Aluminum Glass Shims

Bag Hardware A1:



(15)

1/4"-20 Tee Nut



(15)

1/4" Spring Lock Washer



(15)

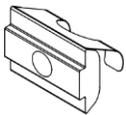
1/4"-20x7/16" Button Head Cap Screw



(1)

5/32" Allen Wrench

Bag Hardware C1:



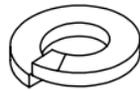
(25)

1/4"-20 Tee Spring Nut



(25)

1/4"-20x7/16" Button Head Cap Screw



(25)

1/4" Spring Lock Washer



(50)

Slotted Fender Washer



(1)

5/32" Allen Wrench



(25)

1/4"-20x1" Wood Lag Screw

Packaging Contents (Cont'd.):

BAG-GRW-CAB-TR1:



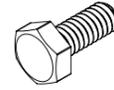
(18)
1/4"-20 Tee Nut



(18)
1/4"-20x1/2"
Flat Head
Cap Screw



(18)
1/4"-20x9/16"
Button Head
Cap Screw



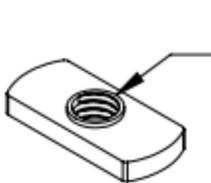
(16)
1/4"-20x1 5/8"
Hex Bolt



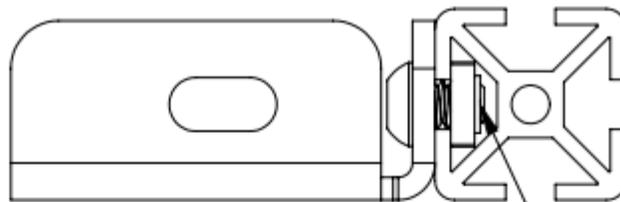
(1)
5/32" Allen
Wrench

NOTE: Extra/spare fasteners are provided.

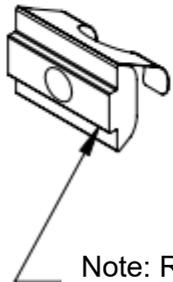
Proper orientation of tee nuts:



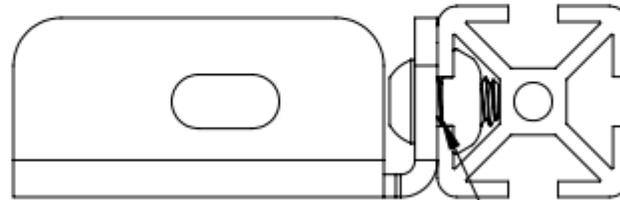
Note:
Tee nut
barrel



Note: Tee nut
barrel oriented
as shown



Note: Rib on
tee spring nut



Note: Rib
orientation
(compress leaf
spring and roll
nut into groove)

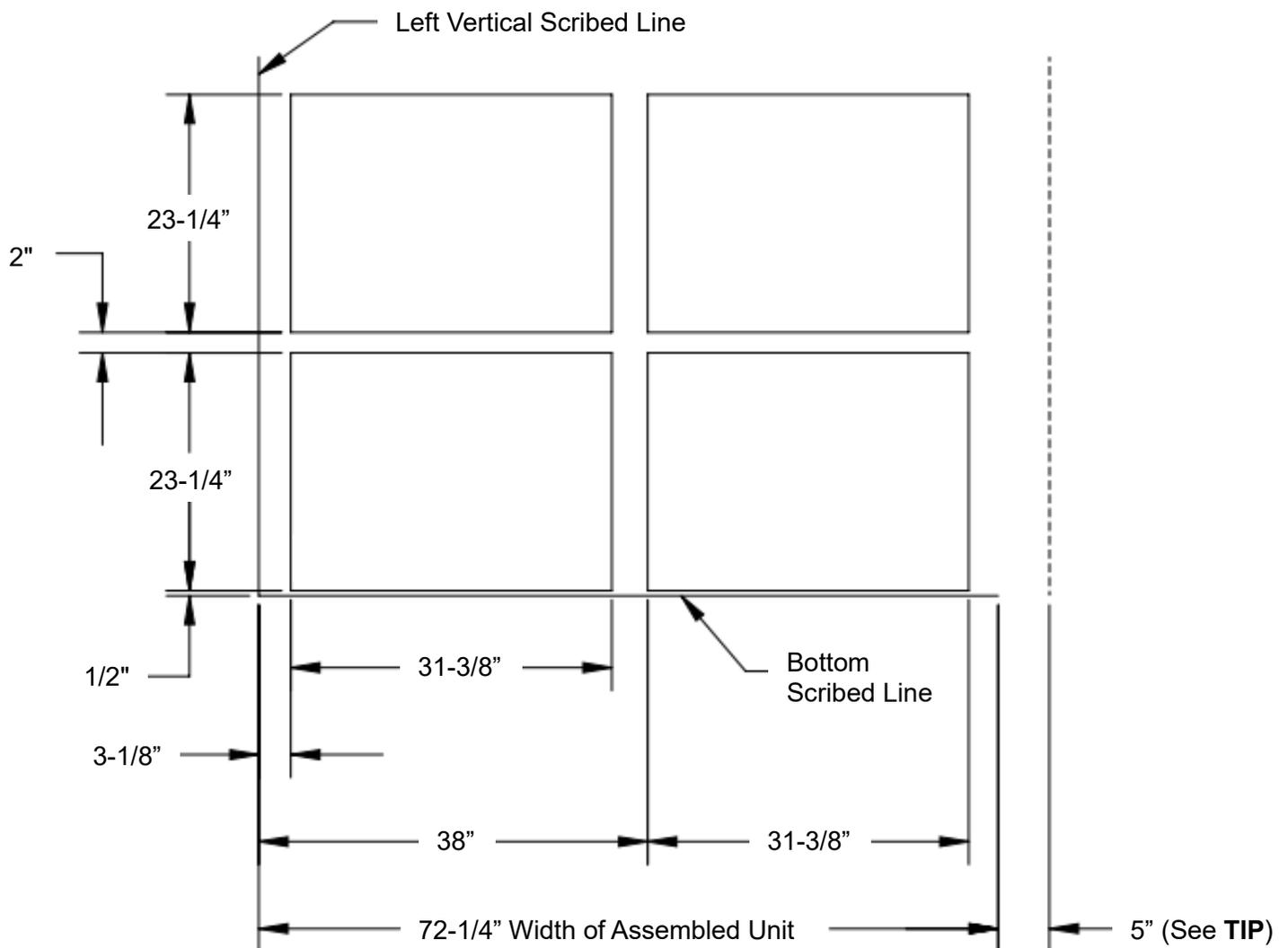
Instructions:

Step 1. Scribe a line on the wall where the left-most vertical edge and bottom horizontal edge of the unit will be placed.

Step 2. Locate and mark stud locations.

Step 3. Install blocking panels per the detail below, secure with at least four (4) screws per blocking panel fastened into stud(s).

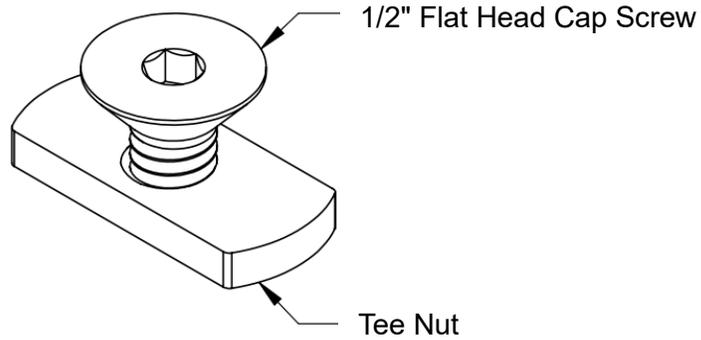
TIP: When possible, provide at least 5" minimum clearance to nearest wall obstruction for ease of fixed glass installation. Refer to Step 14 if less than 5" of clearance is provided.



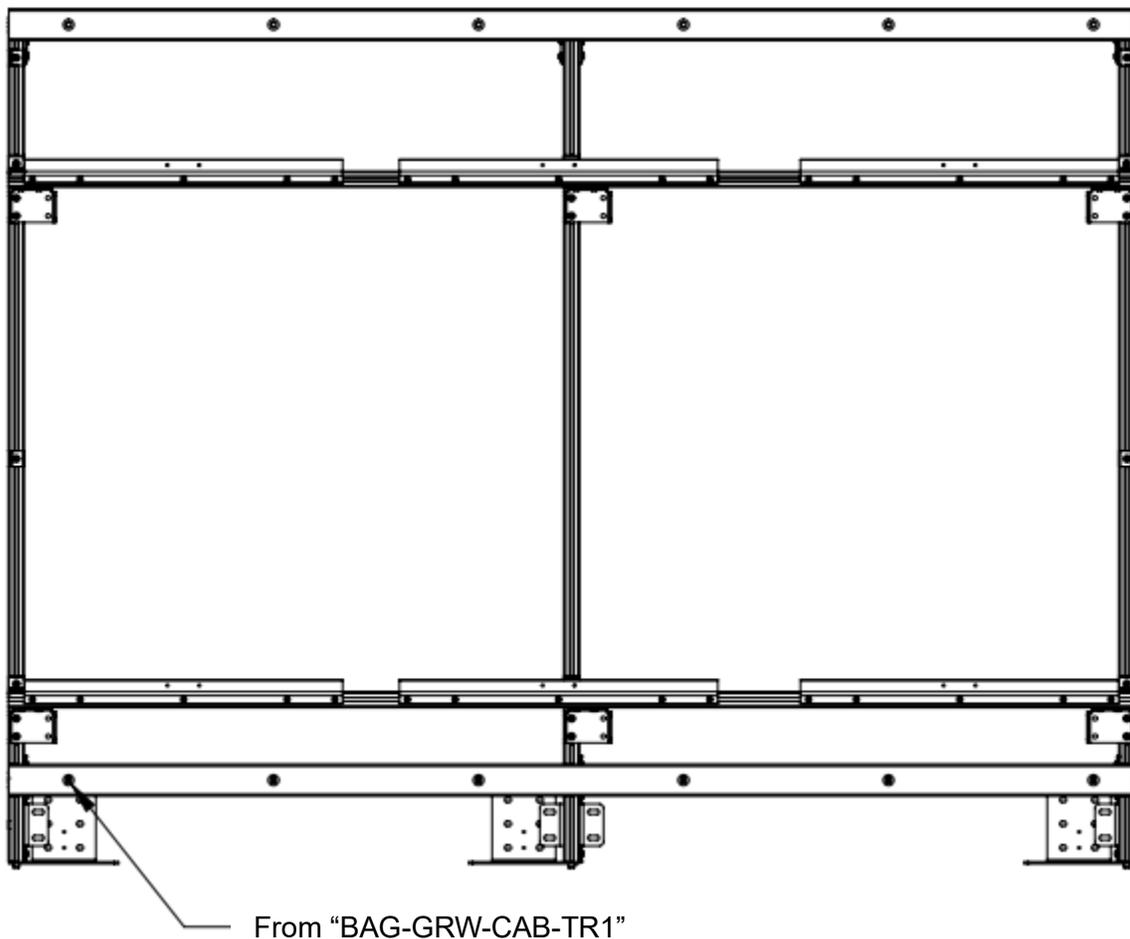
Step 4. Install top & bottom track. Tighten hardware & check squareness.

TIPS:

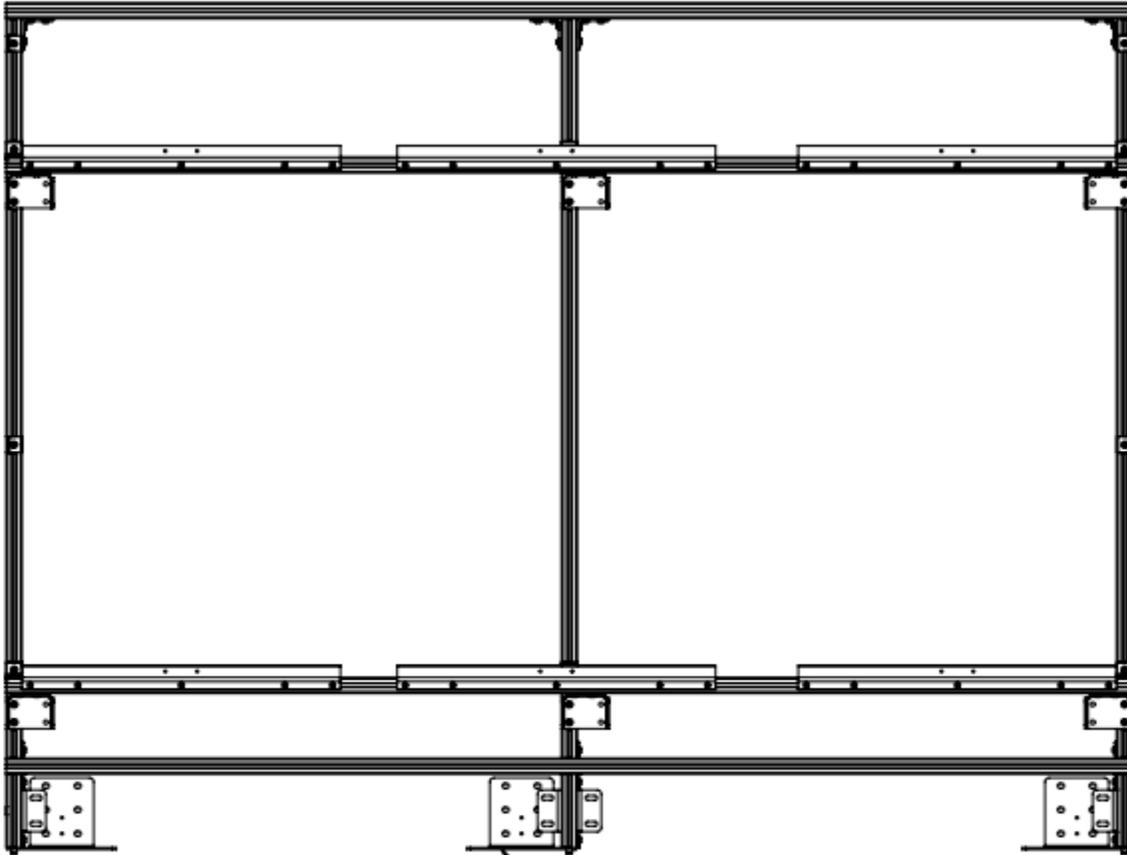
- A.) Ensure the short sections of track have the hole that is closer to the edge at the track joint.
- B.) Slide track sections onto frame, equal space on each end.
- C.) Hold track joints together and tighten screws immediately to the left & right of the track joint. Tighten remaining track screws starting at the joint proceeding to the end of each track section.



Hardware From
"BAG-GRW-CAB-TR1"

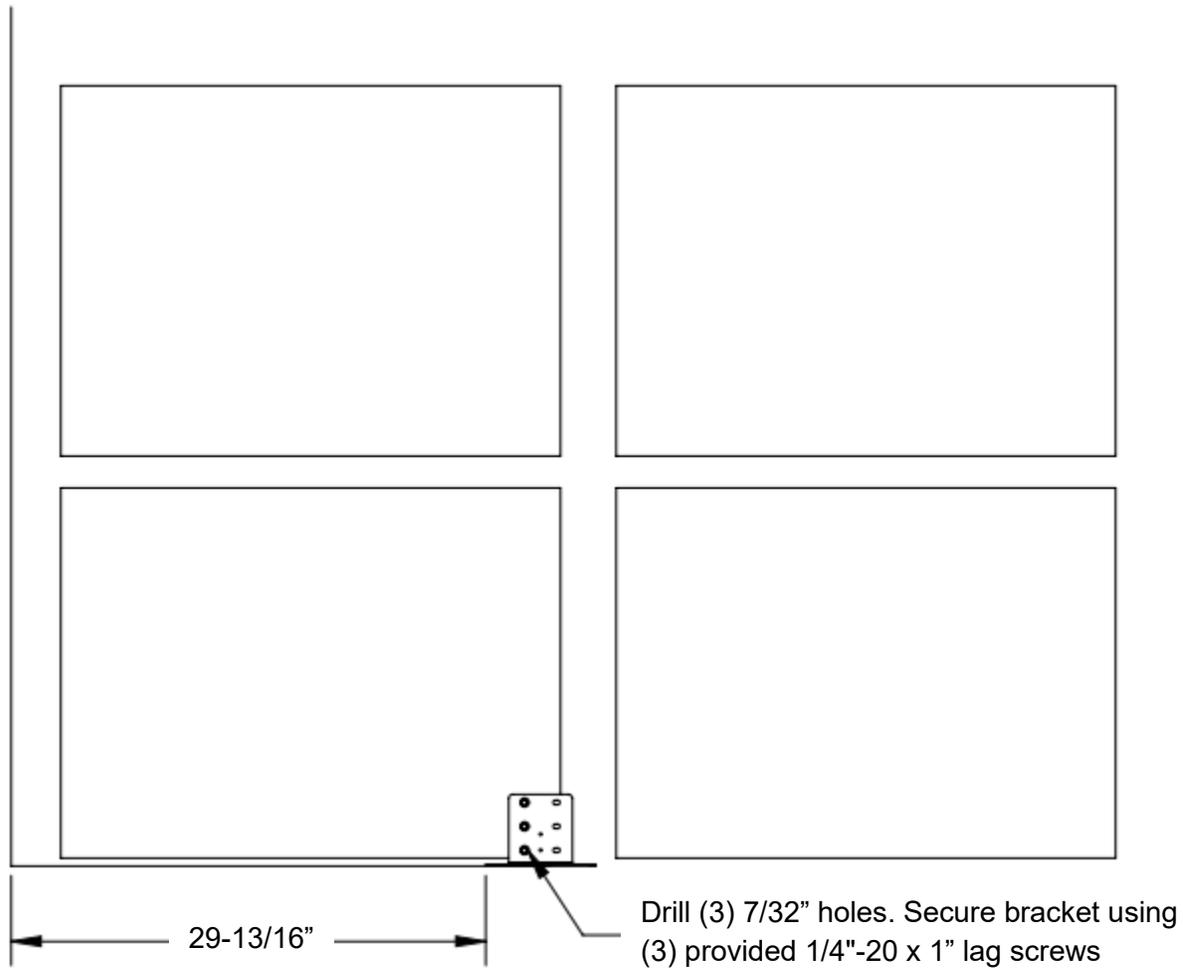


Step 5. Remove the middle bottom wall bracket and save hardware for re-use.



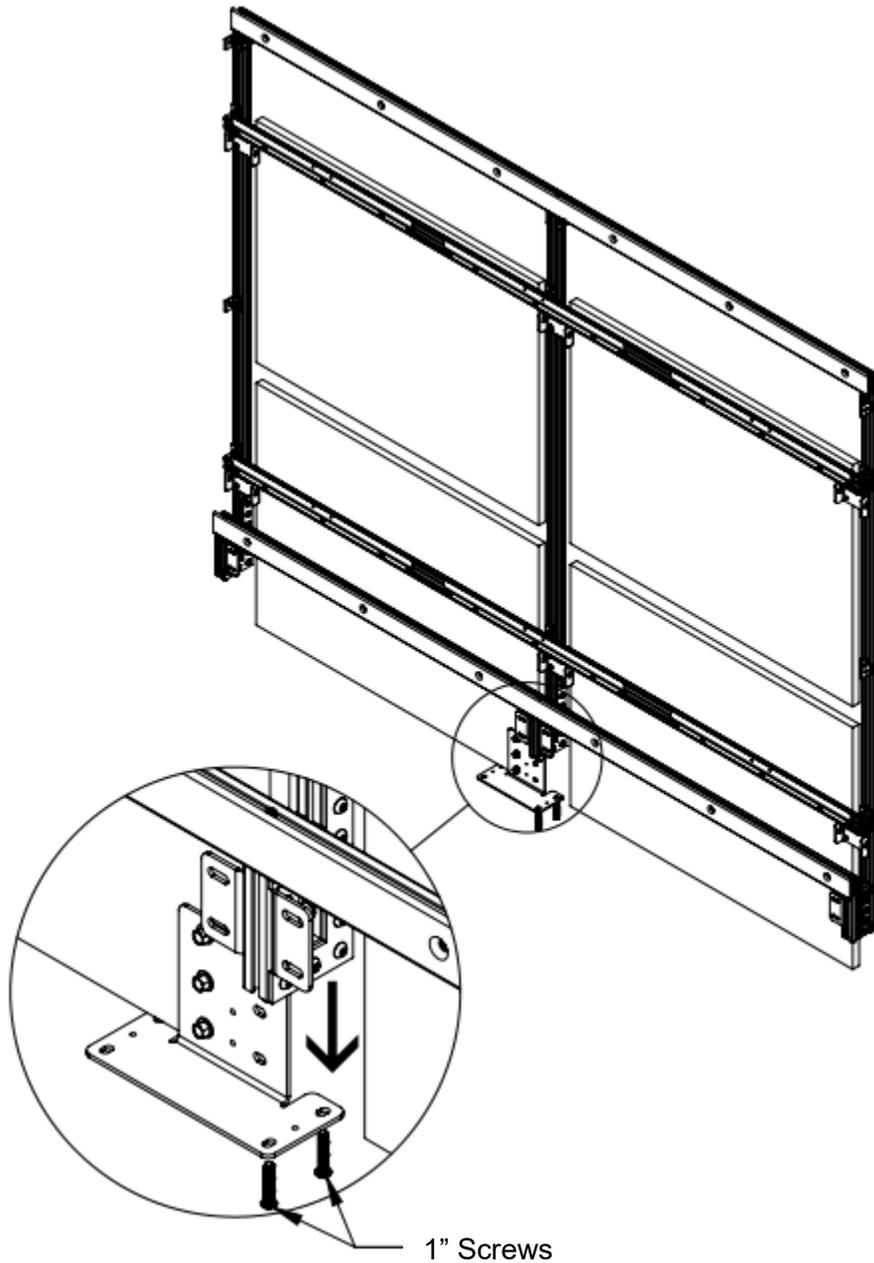
Remove this bottom wall bracket for Step 6. Save hardware for re-use.

Step 6. Using a laser level, attach one (1) bracket removed from Step 5 to backing as shown.

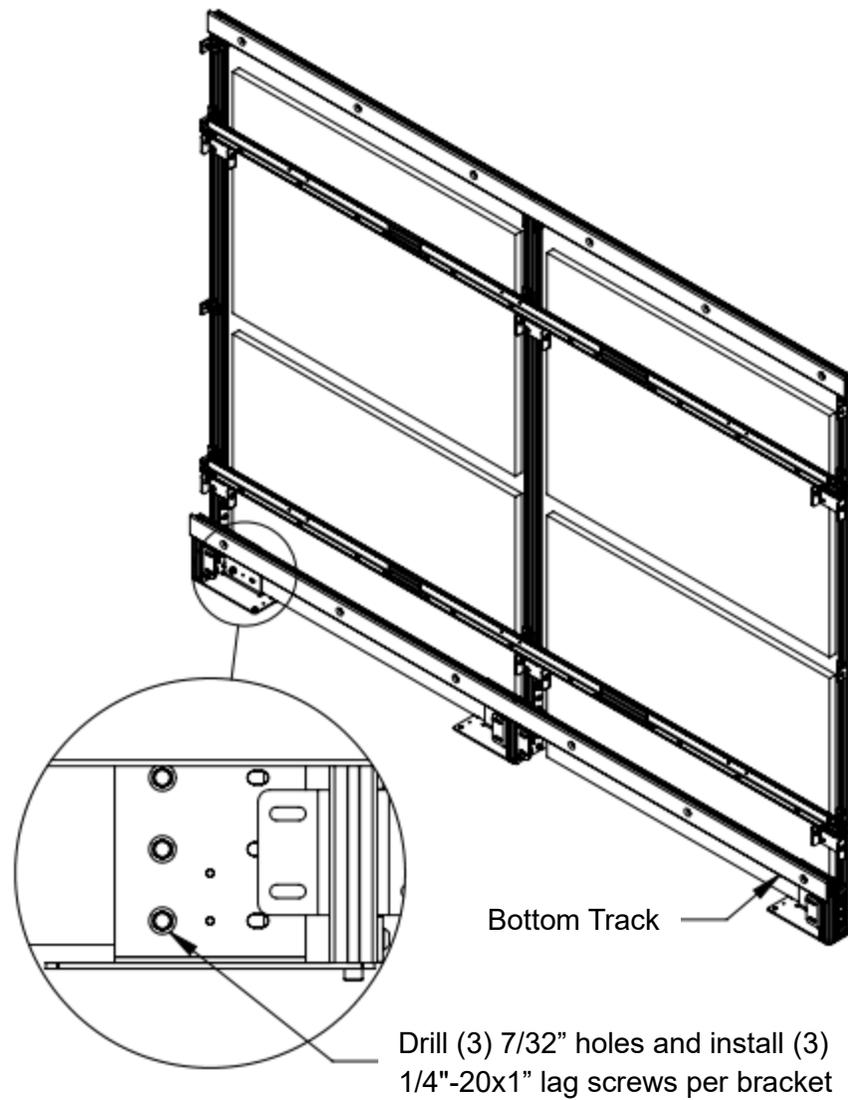


Step 7. Using 3 technicians, mount the frame assembly to the wall. Re-use the two (2) screws removed in Step 4 to mount through the bottom of the frame assembly.

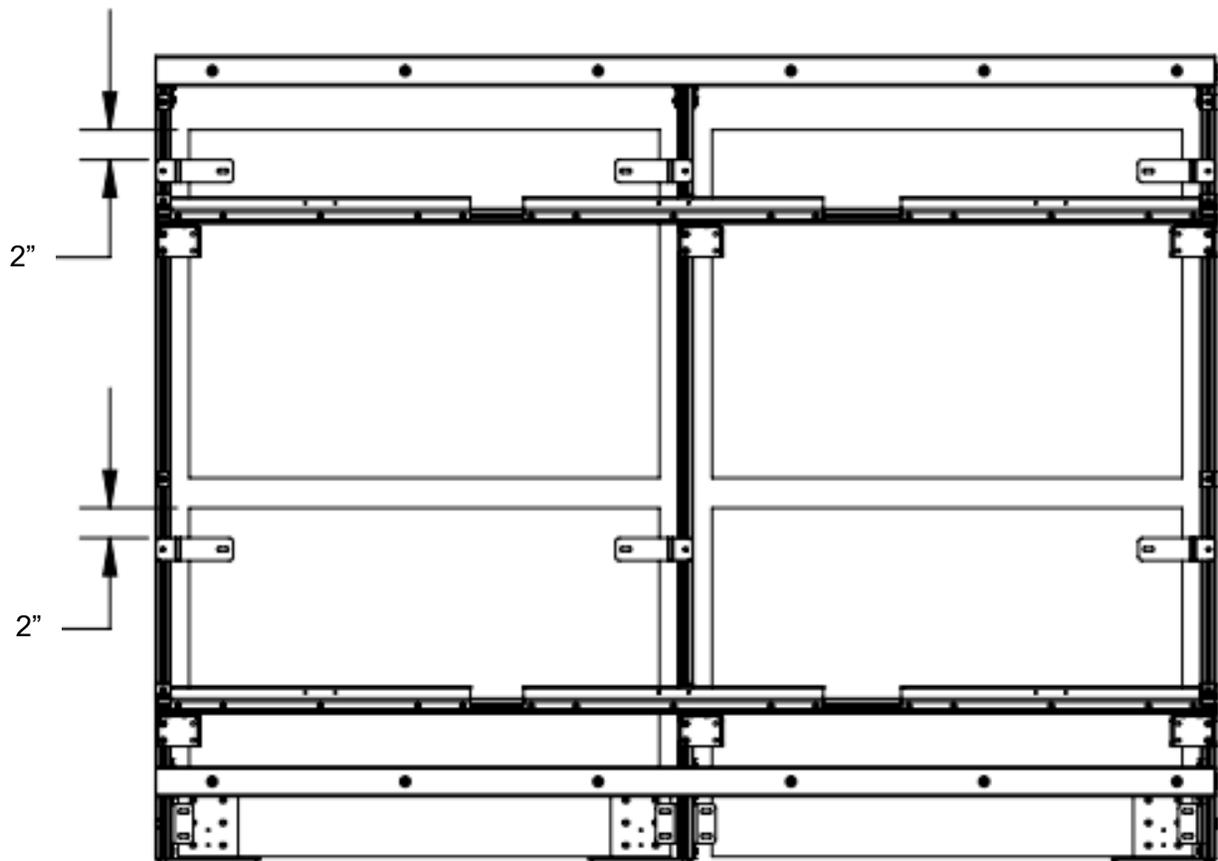
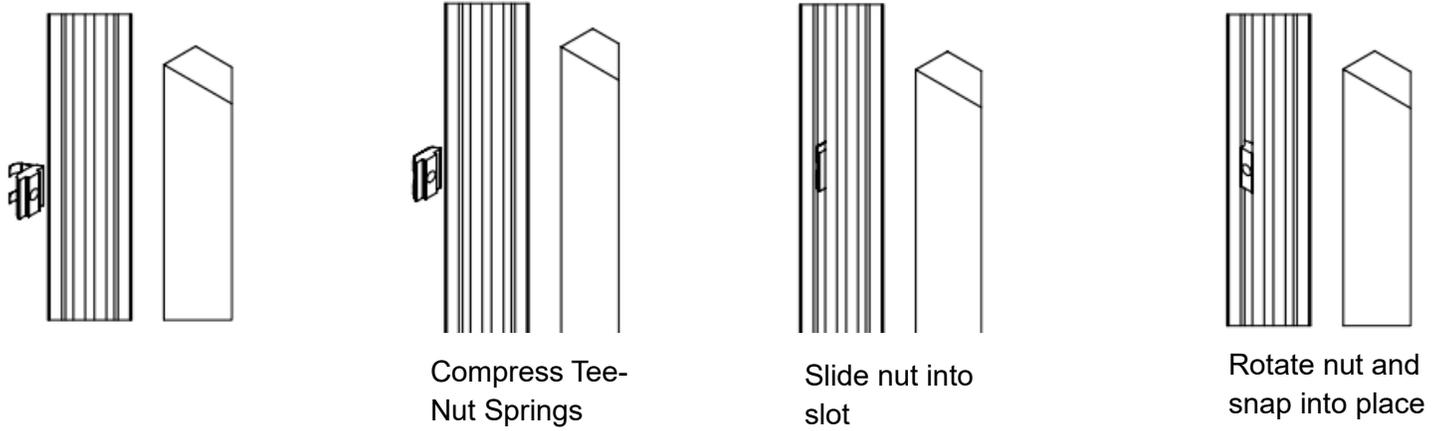
TIP: Before starting this step, have the laser level, lag screws, and tools available for Step 8.



Step 8. Align laser level with the top edge of the bottom track. Install lag screws into the blocking by pre-drilling 7/32" holes.

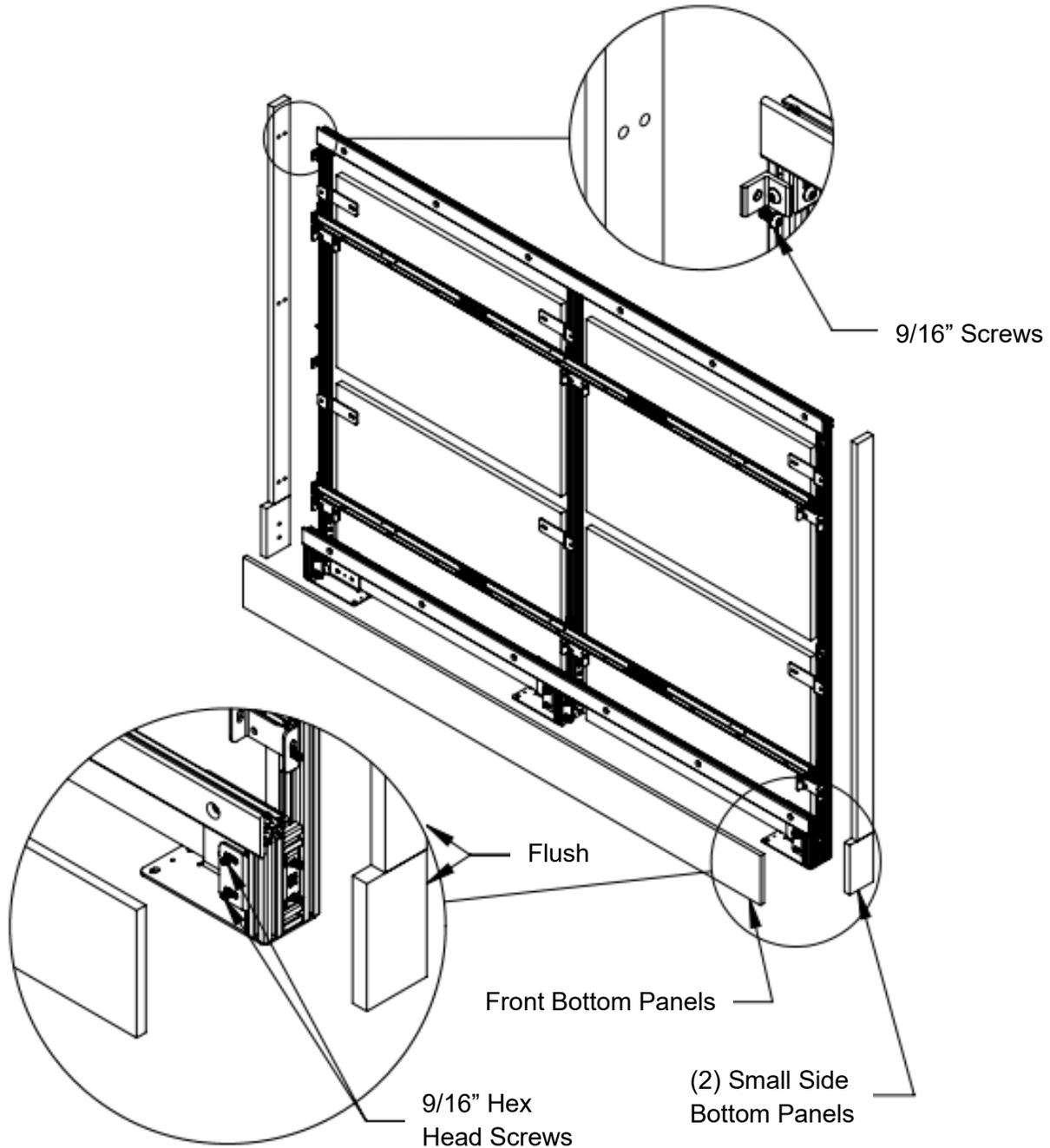


Step 9. Install the wall mounting brackets. Use tee spring nuts and roll them into the frames' channels as shown and attach the wall mounting brackets with 9/16" screws. Fix the frame assemblies to the wall by screwing through the wall mounting brackets and into the blocking.



Step 10. Attach bottom decorative panels and side decorative panels using noted hardware.

TIP: Initially hand tighten hardware to align panels to achieve proper panel fitment, then tighten.

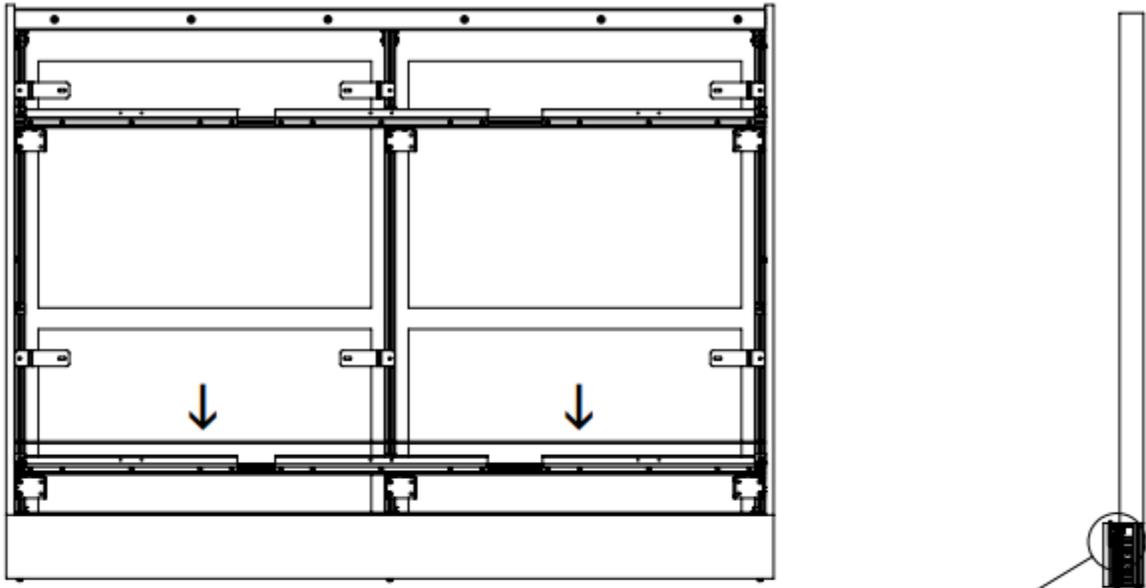


Step 11. Install the white 1"W x 1/4" thick fixed glass support panels using the factory applied tape to secure to the aluminum frame. Place the fixed glass support with no gap between the back of the track, with the white side up.

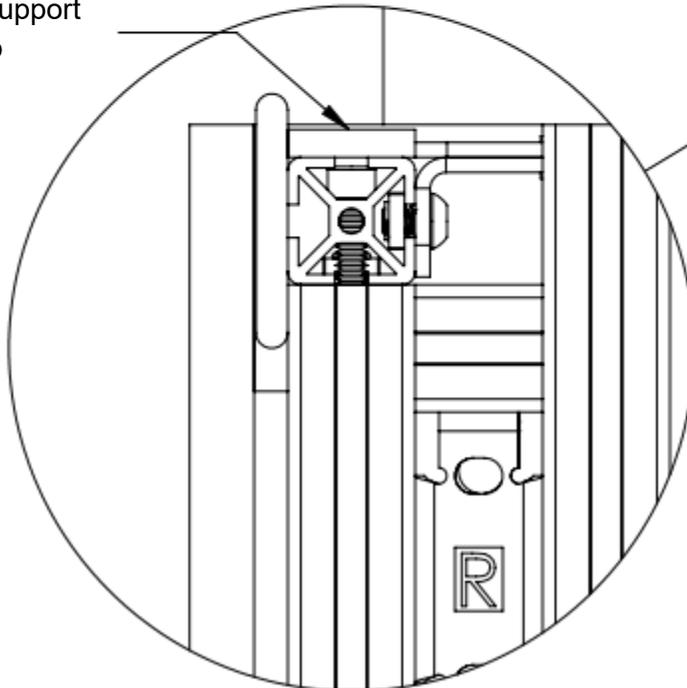
NOTE: The side bottom decorative panel is hidden for visual clarity.

TIPS:

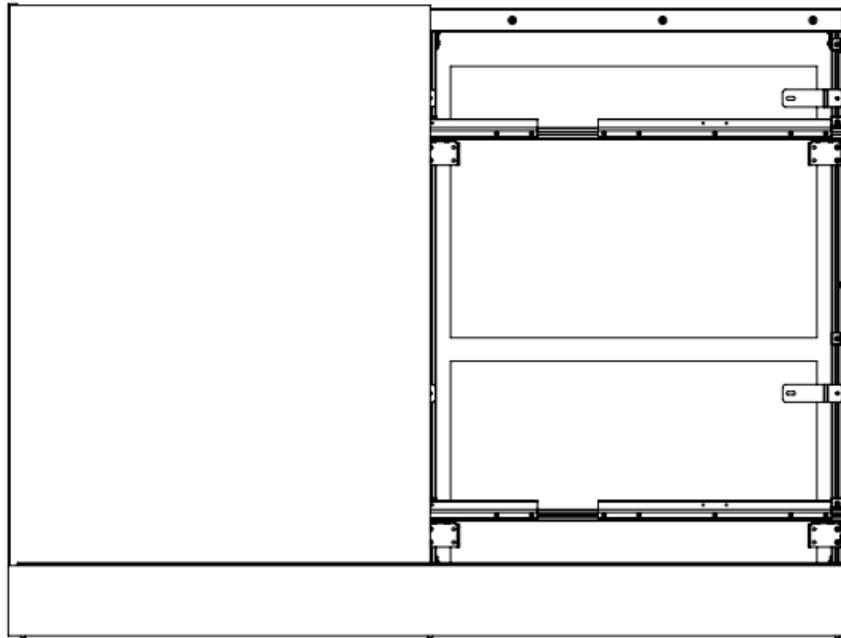
- A.) Dust off the aluminum supports with a clean towel.
- B.) Butt the ends of the panels together, aligning at the center of the frame assembly.



Fixed Glass Support
White Side Up

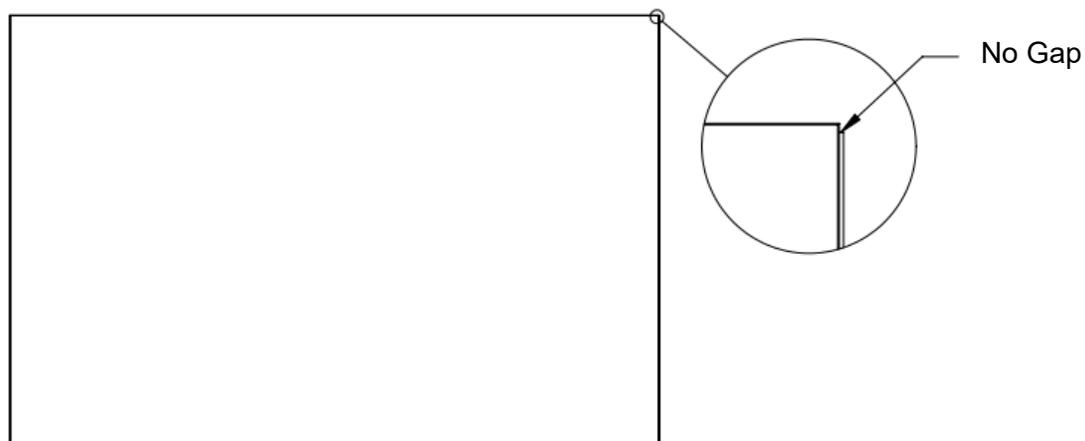
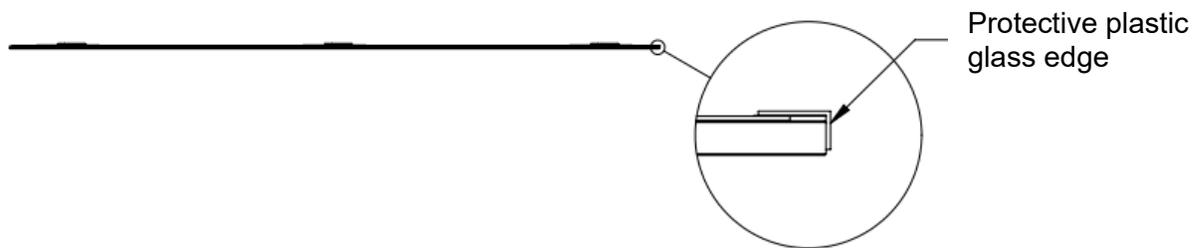


Step 12. Two (2) technicians are recommended for this step. Using suction cups, attach (1) fixed glass panel to the frame's French cleats.



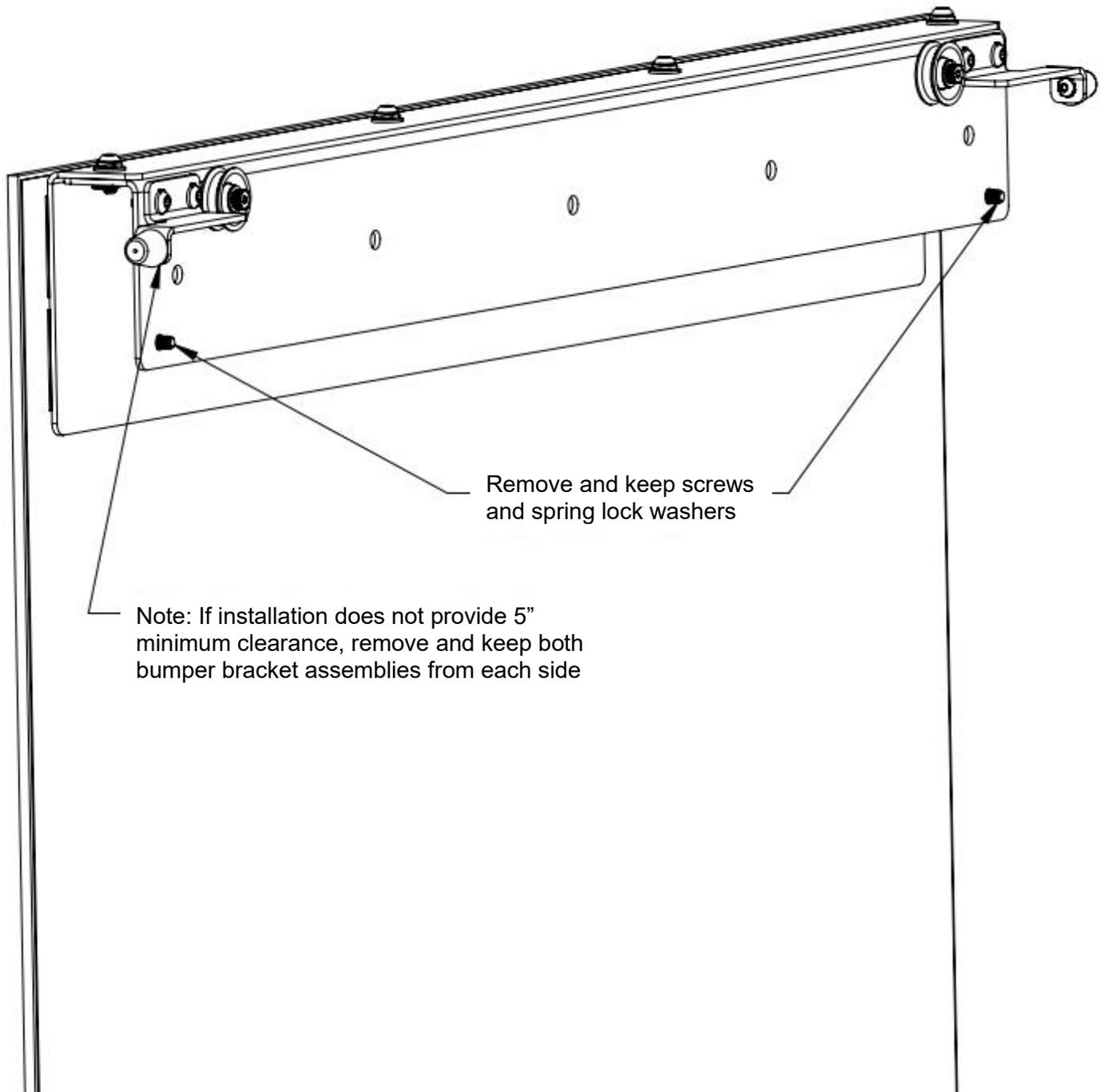
Step 13. Attach the protective plastic glass angle to the installed fixed glass by peeling the double-sided tape's exposed liner, then affix the tape to the back side of the glass.

TIP: Use a clean towel to wipe any residue off the back side and edge of the glass.

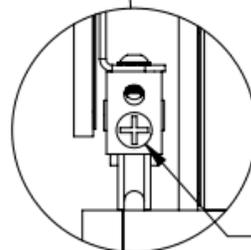
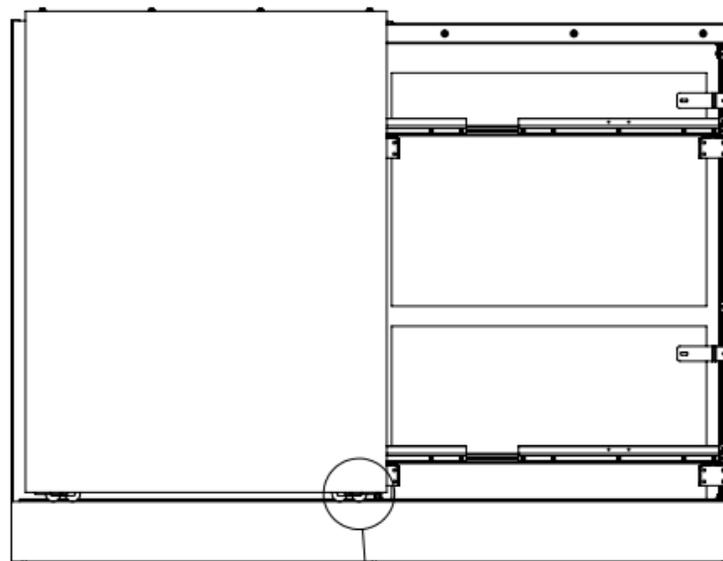
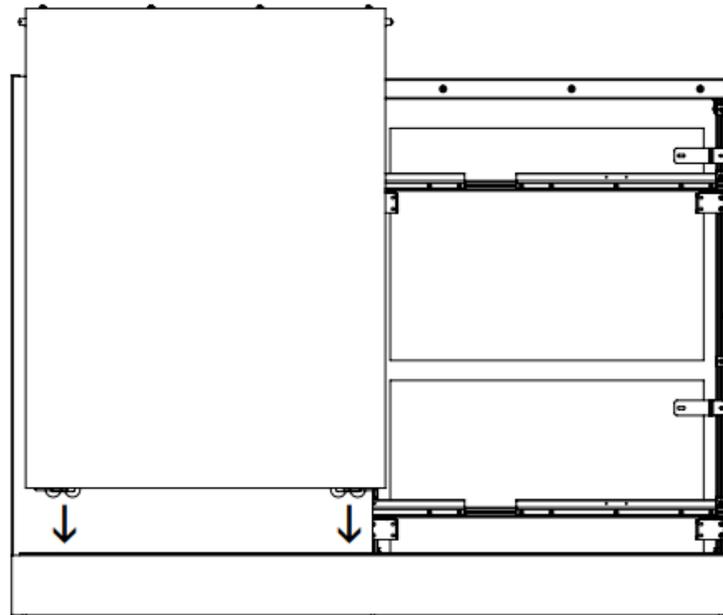


Step 14. Unpack the sliding panel assembly and place cardboard packing material on top of a sturdy work surface to protect glass from scratches. Then place slider assembly on the sturdy work surface with glass side down.

Remove **and keep** the two (2) retaining screws on the back side of the slider.



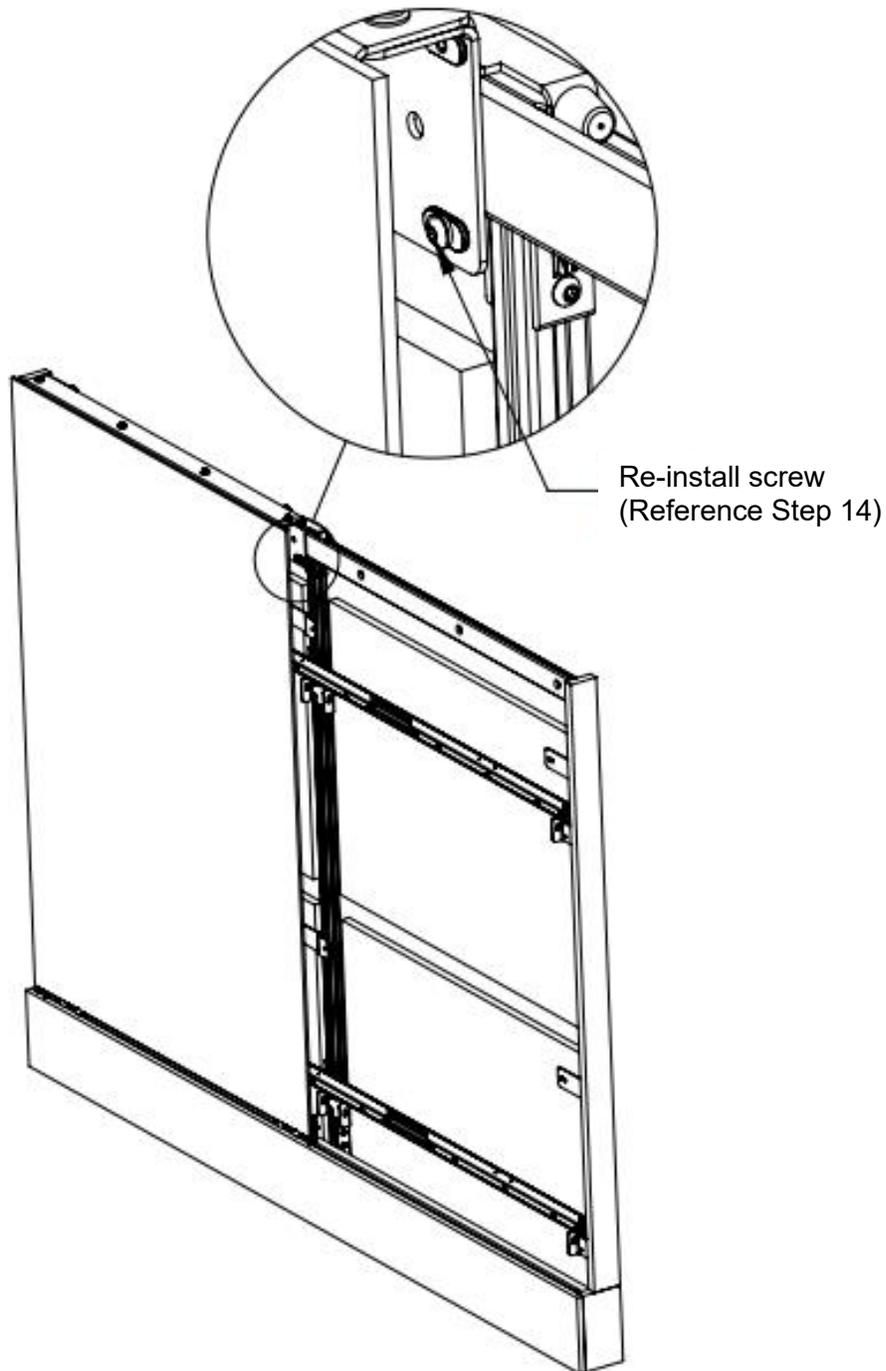
Step 15. Using suction cups, carefully lower the slider assembly onto the top and bottom track as shown. It is recommended at this time to adjust the bottom rollers for smooth operations using a #2 Phillips head screwdriver. Adjust the bottom rollers **DOWN** by turning the adjusting screw **CLOCKWISE**. Do not over tighten, adjust until smooth and quiet operation is achieved.



Bottom roller
adjustment screw

Step 16. Re-install the retaining screws that were removed in Step 14.

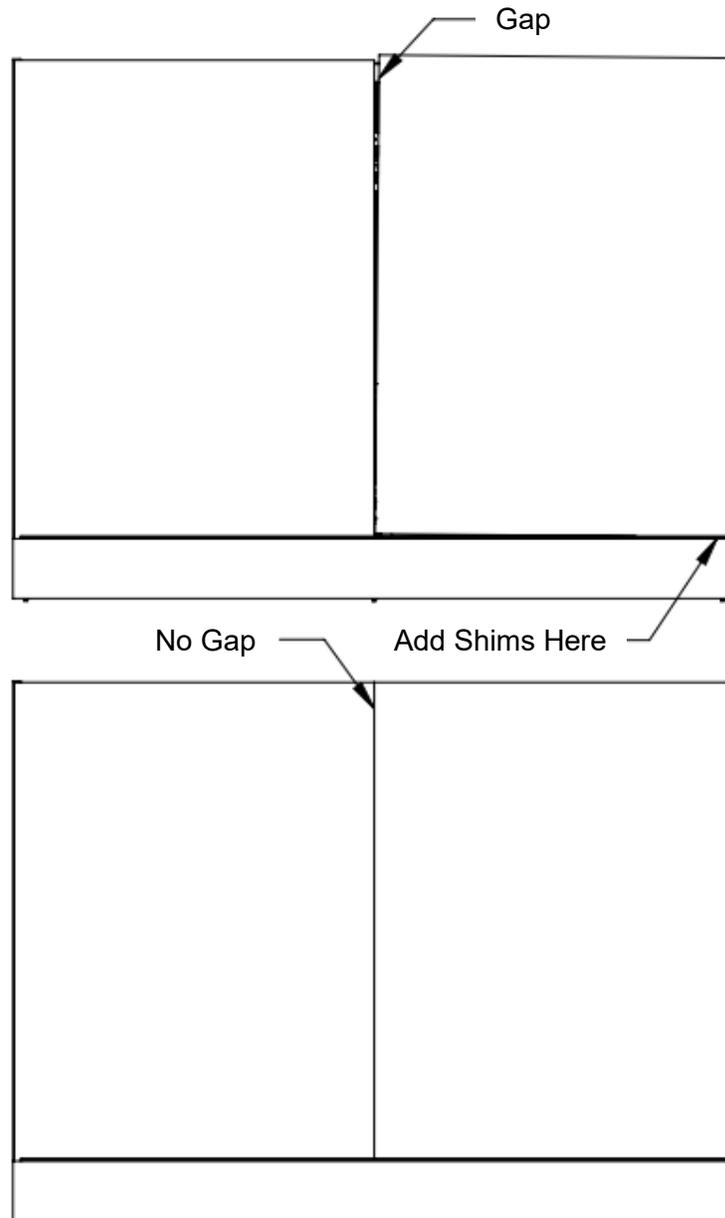
NOTE: The fixed glass panels are hidden for visual clarity.



Step 17. Two (2) technicians are recommended for this step. Using suction cups, attach the remaining fixed glass panel to the frame's French cleats and butt against the protective glass angle.

TIP: After attaching the fixed glass panels, use provided aluminum shims to create a hairline joint between the glass panels and protective plastic angle.

NOTE: The fixed glass panels are hidden for visual clarity.



Step 18. Reinstall bumper brackets on sliders if removed in Step 14. Note: There is a different bracket for the left and right sides of the sliders.

Step 19. Install the provided accessory marker holder to either the sliding panel assembly or adjacent wall as directed by the customer. Refer to the instructions provided with the marker holder.

Step 20. Remove any production labels from glass.

Step 21. Recycle all packaging material in accordance with local regulations.

Groove Wall Sliding Glassboard / GRW48

Installation Instructions

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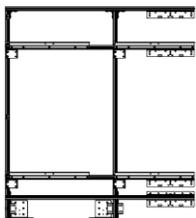
Required Supplies (NOT PROVIDED BY GHENT):

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Tools Needed:

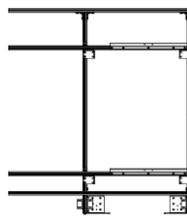
- Laser Level
- Level, 4'-6'
- Tape Measure
- Pencil
- Step Ladder
- Mallet
- Suction Cups
- Power Drill
- 7/32" Drill Bit for Lag Screws
- 3/8" Socket with Low Profile Ratchet
- 7/16" Open End Wrench or Socket with Ratchet
- 1/8" Allen Wrench
- 5/32" Allen Wrench (Provided)
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- #2 Phillips Screwdriver
- Sawhorses or Sturdy Temporary Work Surface

Packaging Contents:



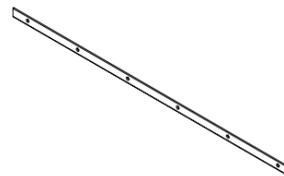
(1)

Left Frame Assembly



(1)

Right Frame Assembly



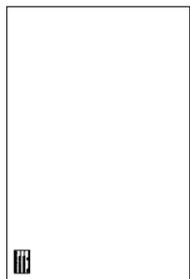
(2)

71-7/8" Long Track



(2)

46-3/4" Long Track



(2)

Magnetic Glass Panels



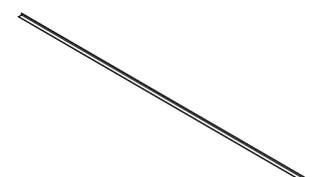
(1)

Magnetic Slider Panel



(2)

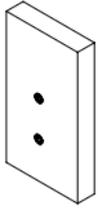
White Fixed Glass Support Panels



(1)

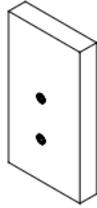
Plastic Glass Protective Angle With Tape

Packaging Contents (Cont'd.):



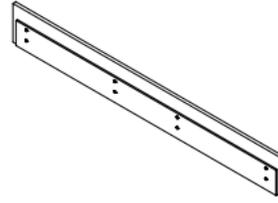
(1)

Small Bottom Right Side Decorative Panel



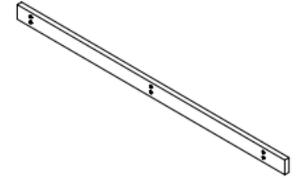
(1)

Small Bottom Left Side Decorative Panel



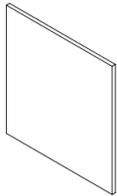
(2)

Bottom Decorative Panels



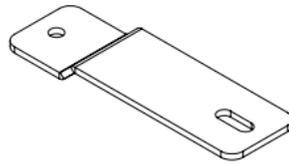
(2)

Side Decorative Vertical Panels



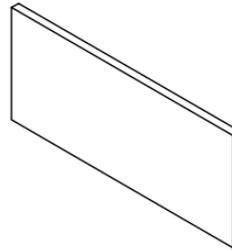
(4)

Plywood Wall Blocking



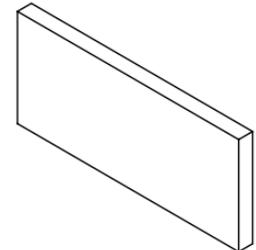
(8)

Wall Mounting Brackets



(6)

Thin Aluminum Glass Shims



(6)

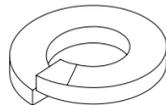
Thick Aluminum Glass Shims

Bag Hardware A1:



(15)

1/4"-20 Tee Nut



(15)

1/4" Spring Lock Washer



(15)

1/4"-20x7/16" Button Head Cap Screw



(1)

5/32" Allen Wrench

Bag Hardware C1:



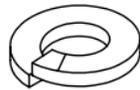
(25)

1/4"-20 Tee Spring Nut



(25)

1/4"-20x7/16" Button Head Cap Screw



(25)

1/4" Spring Lock Washer



(50)

Slotted Fender Washer



(1)

5/32" Allen Wrench



(25)

1/4"-20x1" Wood Lag Screw

Packaging Contents (Cont'd.):

BAG-GRW-CAB-TR1:



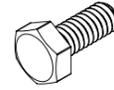
(18)
1/4"-20 Tee Nut



(18)
1/4"-20x1/2"
Flat Head
Cap Screw



(18)
1/4"-20x9/16"
Button Head
Cap Screw



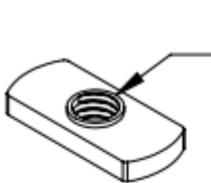
(16)
1/4"-20x1 5/8"
Hex Bolt



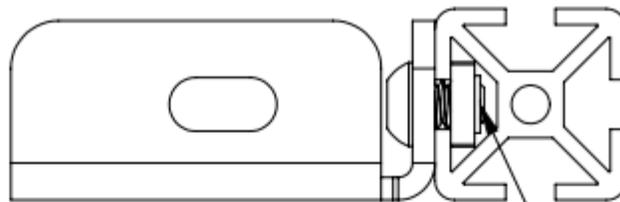
(1)
5/32" Allen
Wrench

NOTE: Extra/spare fasteners are provided.

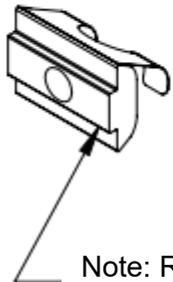
Proper orientation of tee nuts:



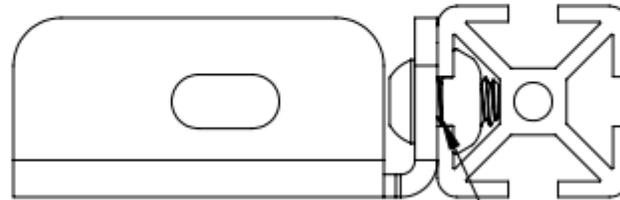
Note:
Tee nut
barrel



Note: Tee nut
barrel oriented
as shown



Note: Rib on
tee spring nut



Note: Rib
orientation
(compress leaf
spring and roll
nut into groove)

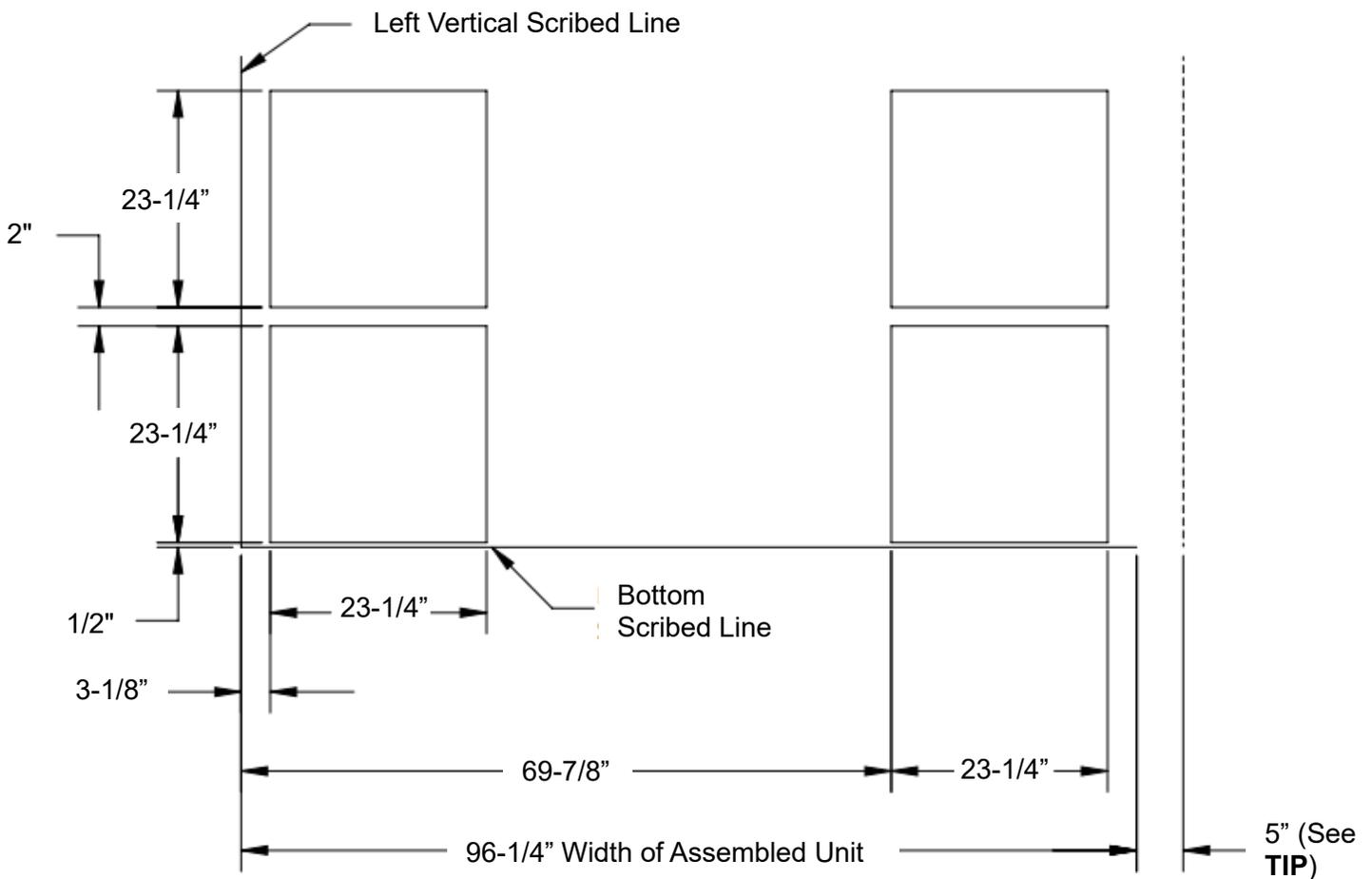
Instructions:

Step 1. Scribe a line on the wall where the left-most vertical edge and bottom horizontal edge of the unit will be placed.

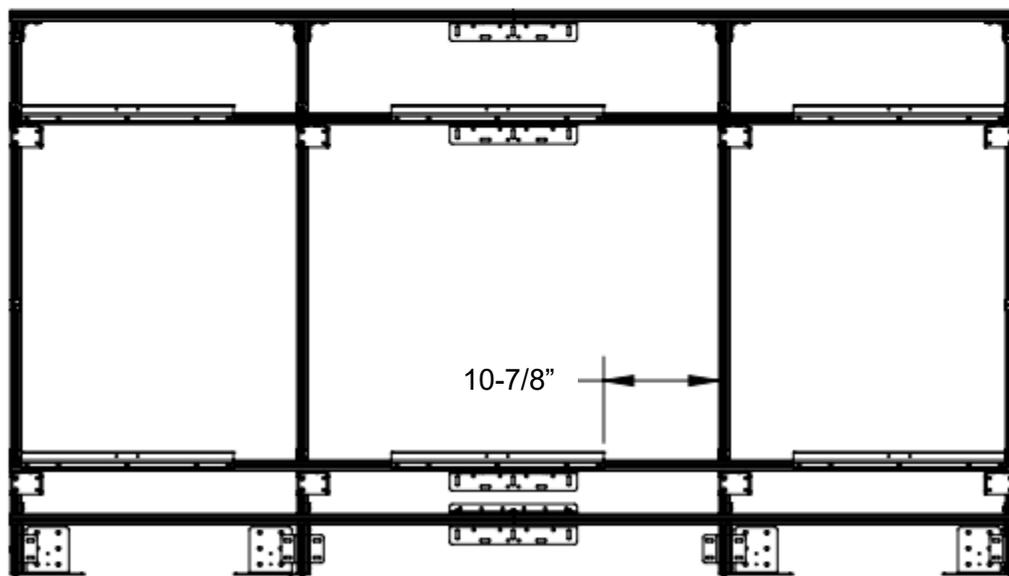
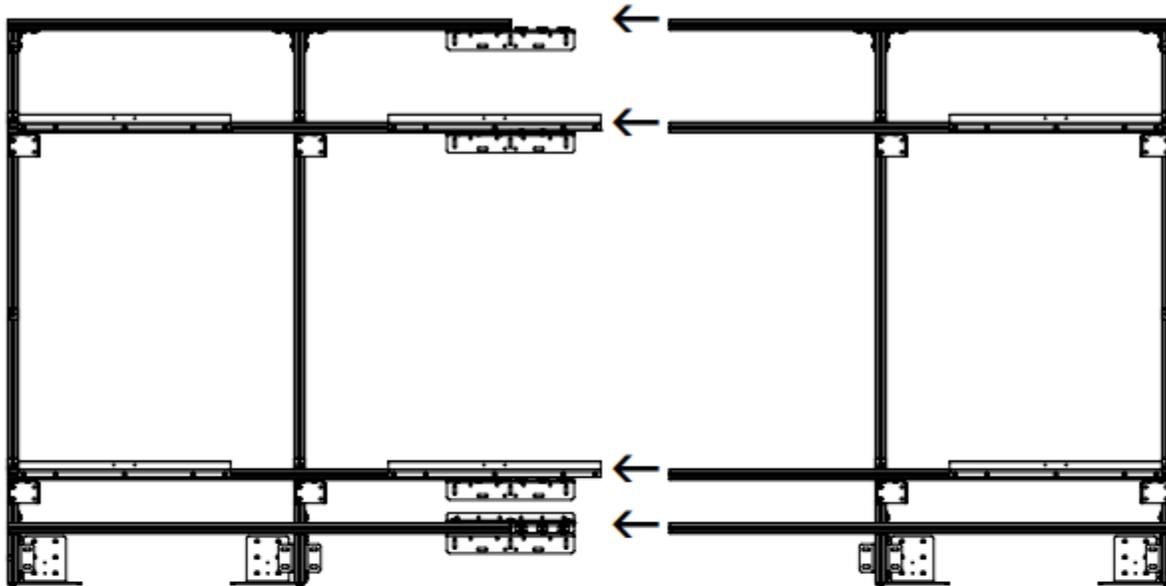
Step 2. Locate and mark stud locations.

Step 3. Install blocking panels per the detail below, secure with at least four (4) screws per blocking panel fastened into stud(s).

TIP: When possible, provide at least 5" minimum clearance to nearest wall obstruction for ease of fixed glass installation. Refer to Step 14 if less than 5" of clearance is provided.



Step 4. Loosen brackets and cleats on the left frame assembly and slide them right as shown. Then connect left and right frame assemblies together as shown. Ensure the large brackets are centered between the left and right frame assemblies and slide the middle fixed glass cleat brackets to the dimension shown. Tighten all hardware.

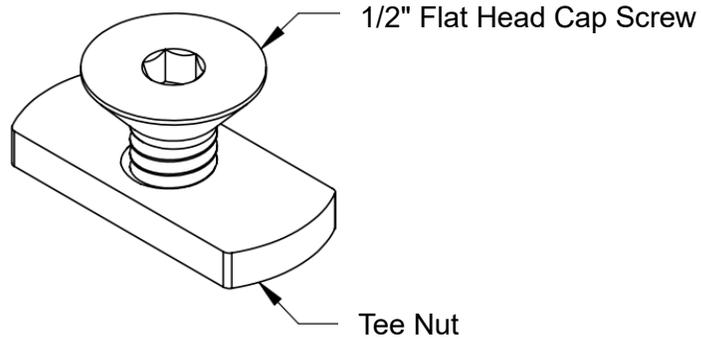


Note: Remove this bottom wall bracket for Step 6. Save hardware for re-use.

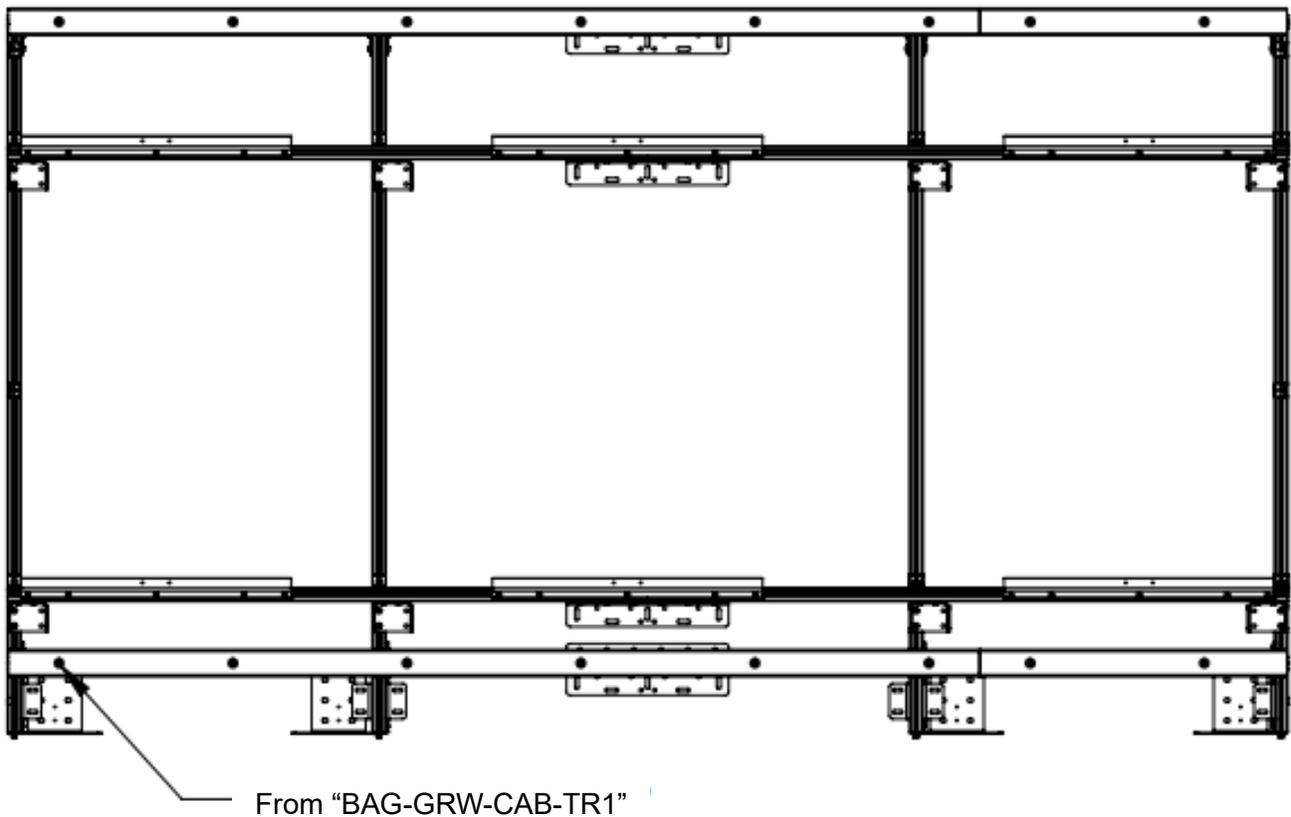
Step 5. Install top & bottom track. Tighten hardware & check squareness.

TIPS:

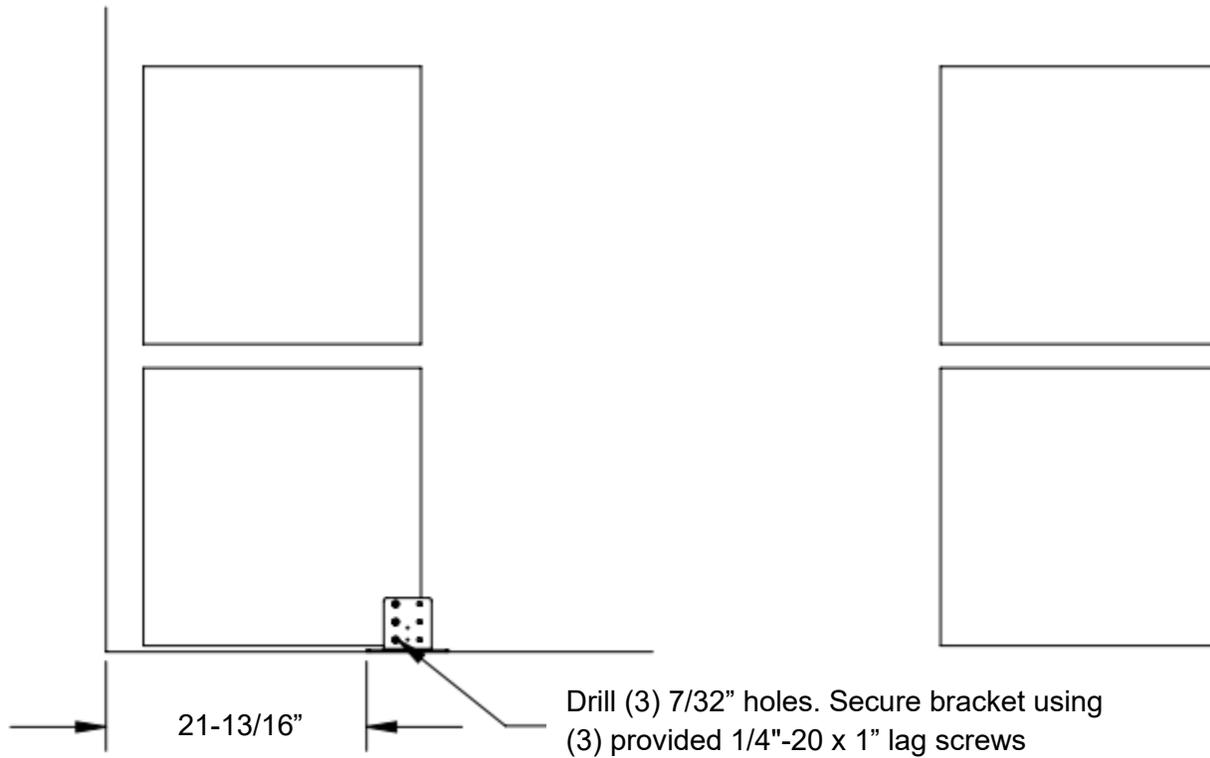
- A.) Ensure the short sections of track have the hole that is closer to the edge at the track joint.
- B.) Slide track sections onto frame, equal space on each end.
- C.) Hold track joints together and tighten screws immediately to the left & right of the track joint. Tighten remaining track screws starting at the joint proceeding to the end of each track section.



Hardware From
"BAG-GRW-CAB-TR1"

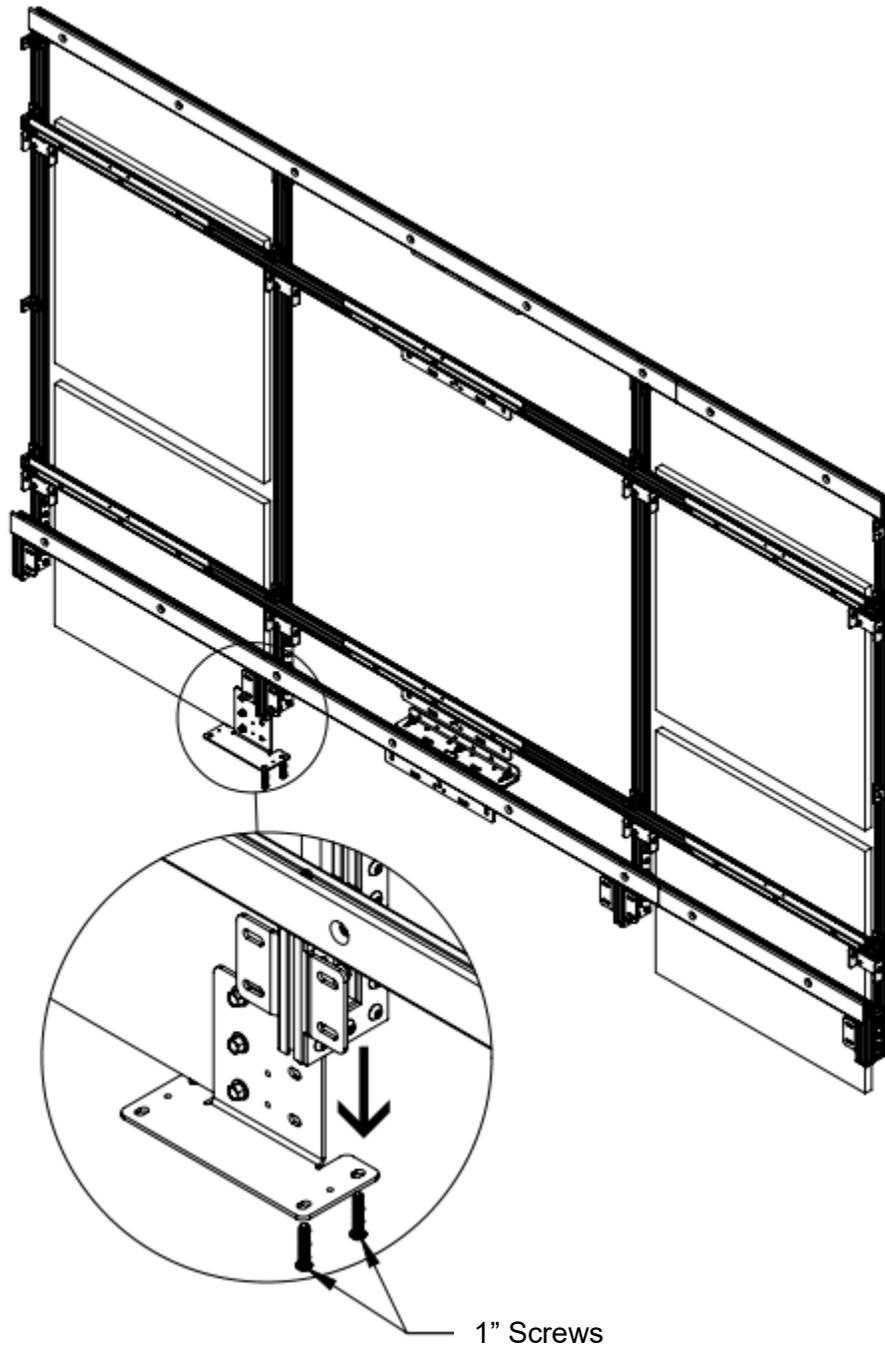


Step 6. Using a laser level, attach one (1) bracket removed from Step 4 to backing as shown.

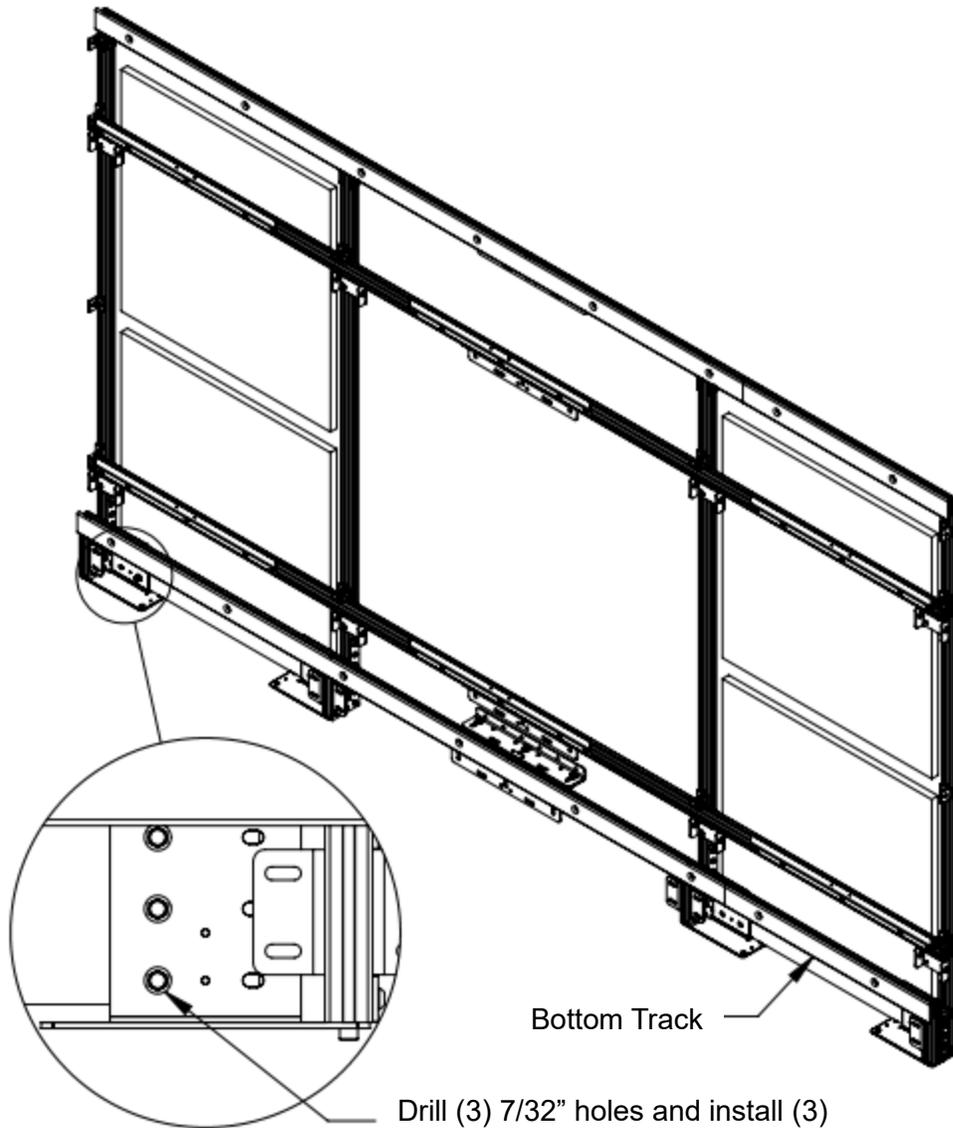


Step 7. Using 3 technicians, mount the frame assembly to the wall. Re-use the two (2) screws removed in Step 4 to mount through the bottom of the frame assembly.

TIP: Before starting this step, have the laser level, lag screws, and tools available for Step 8.

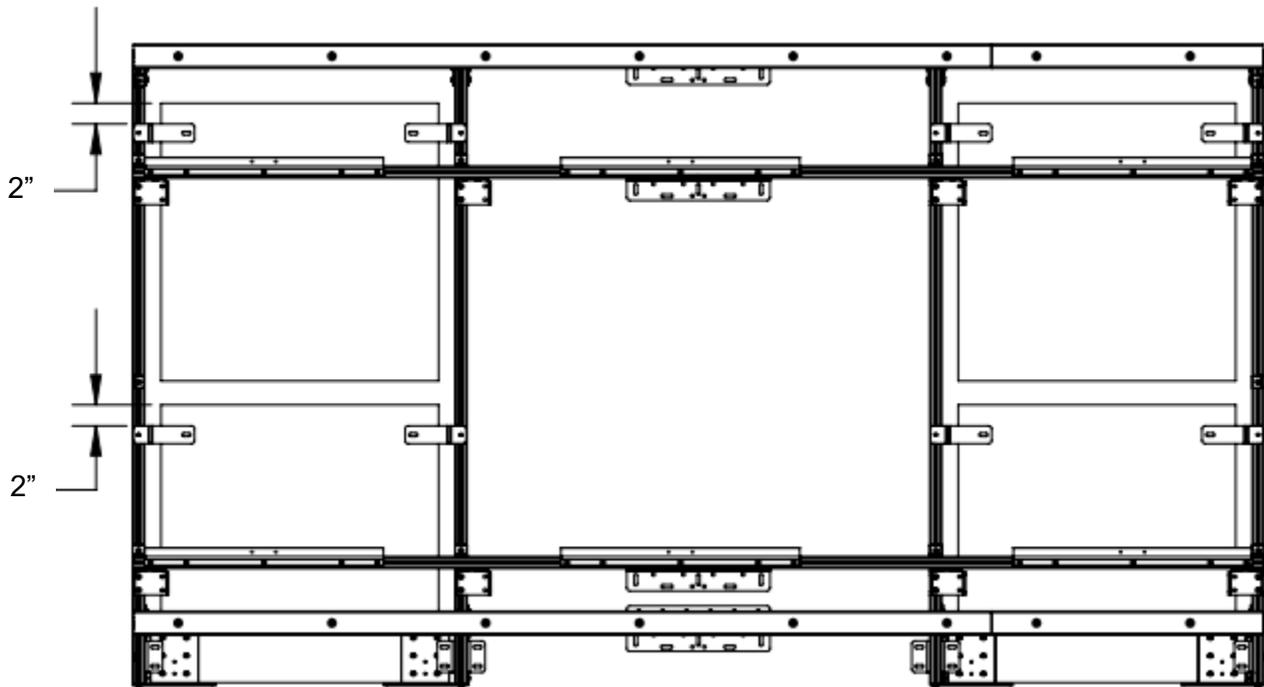
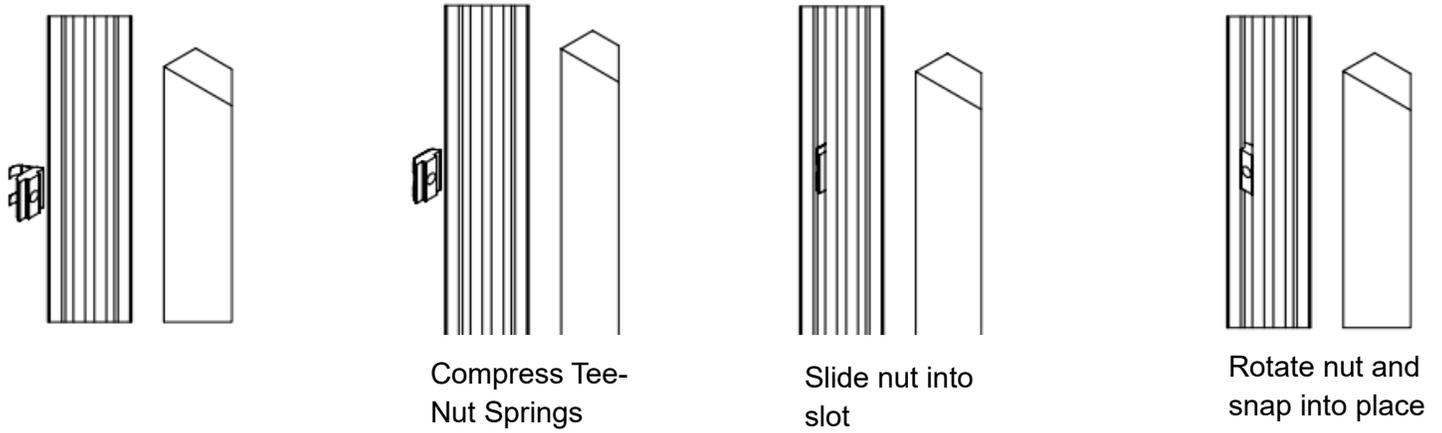


Step 8. Align laser level with the top edge of the bottom track. Install lag screws into the blocking by pre-drilling 7/32" holes.



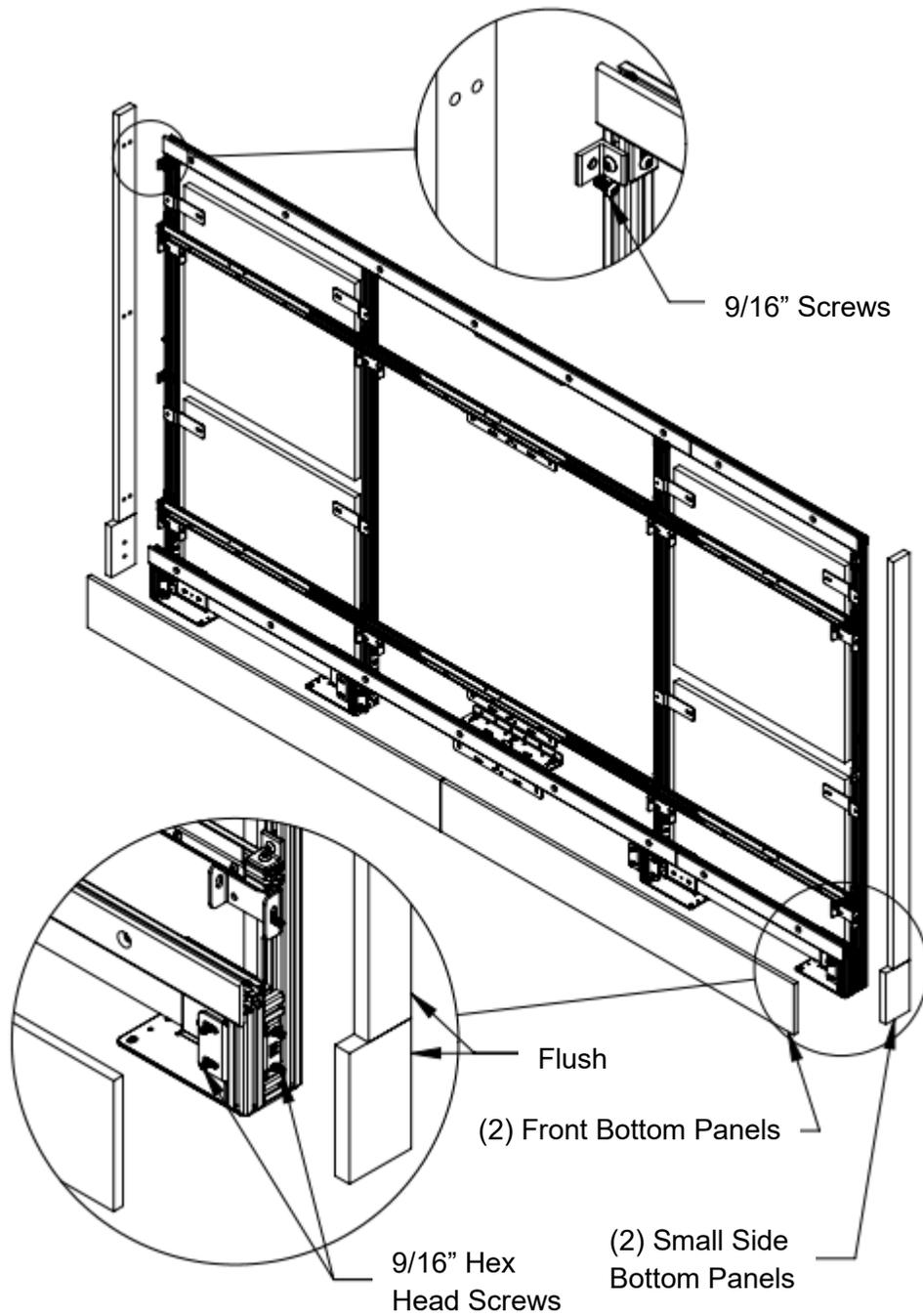
Drill (3) 7/32" holes and install (3) 1/4"-20x1" lag screws per bracket

Step 9. Install the wall mounting brackets. Use tee spring nuts and roll them into the frames' channels as shown and attach the wall mounting brackets with 9/16" screws. Fix the frame assemblies to the wall by screwing through the wall mounting brackets and into the blocking.



Step 10. Attach bottom decorative panels and side decorative panels using noted hardware.

TIP: Initially hand tighten hardware to align panels to achieve proper panel fitment, then tighten.

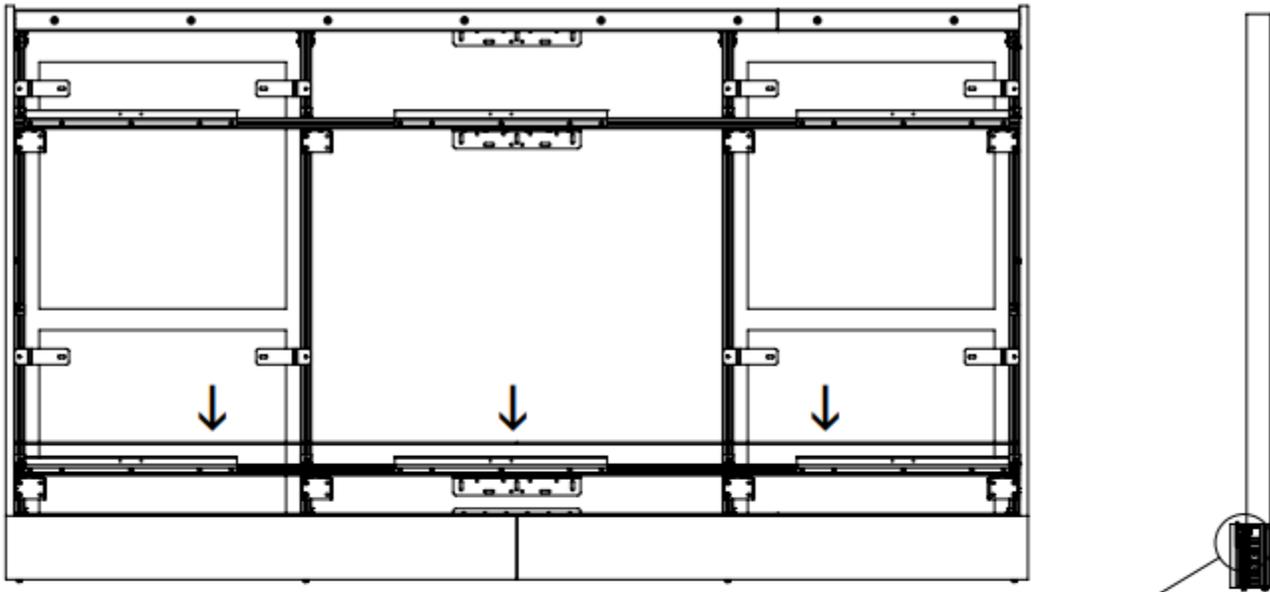


Step 11. Install the white 1"W x 1/4" thick fixed glass support panels using the factory applied tape to secure to the aluminum frame. Place the fixed glass support with no gap between the back of the track, with the white side up.

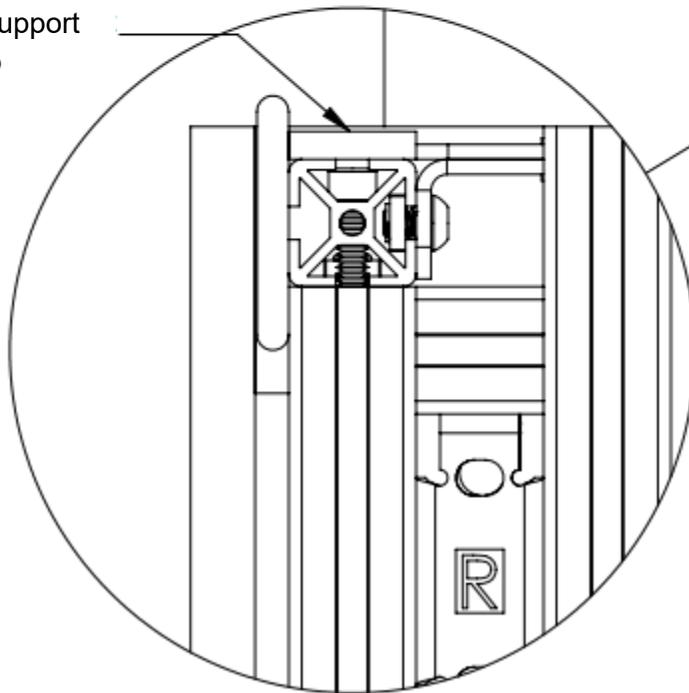
NOTE: The side bottom decorative panel is hidden for visual clarity.

TIPS:

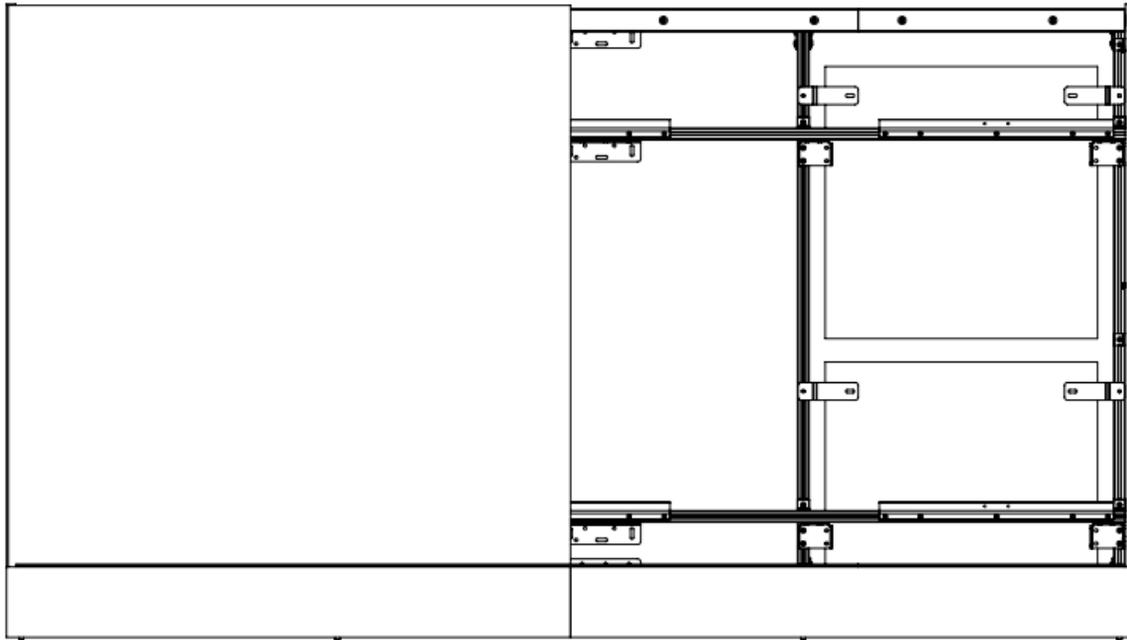
- A.) Dust off the aluminum supports with a clean towel.
- B.) Butt the ends of the panels together, aligning at the center of the frame assembly.



Fixed Glass Support
White Side Up

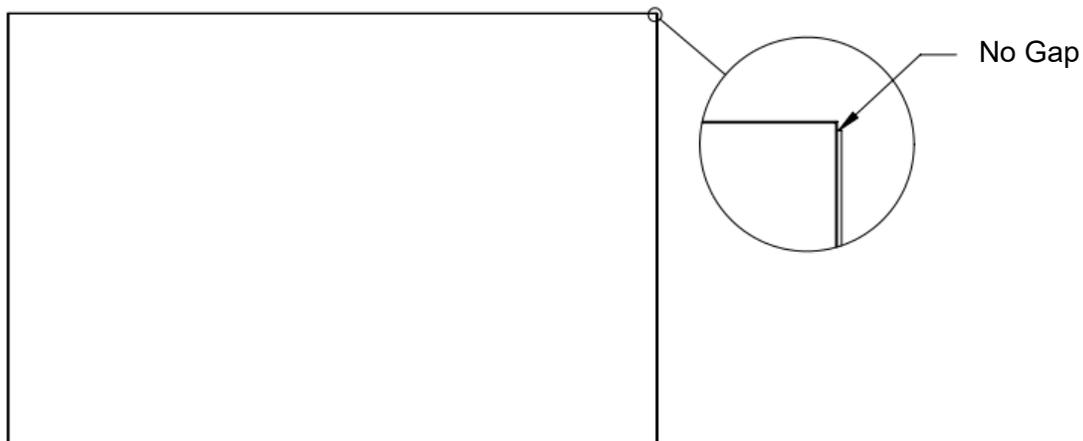
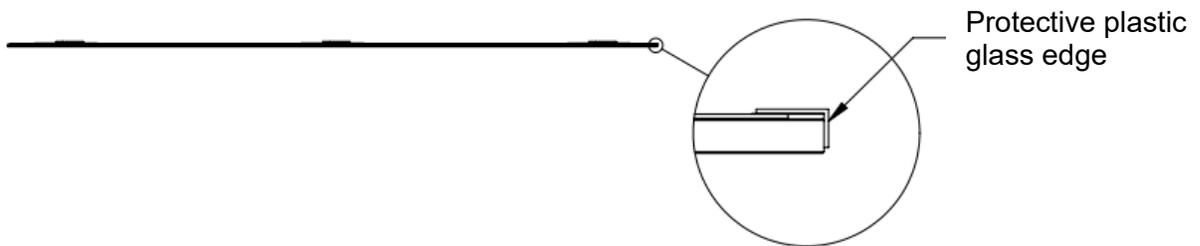


Step 12. Two (2) technicians are recommended for this step. Using suction cups, attach (1) fixed glass panel to the frame's French cleats.



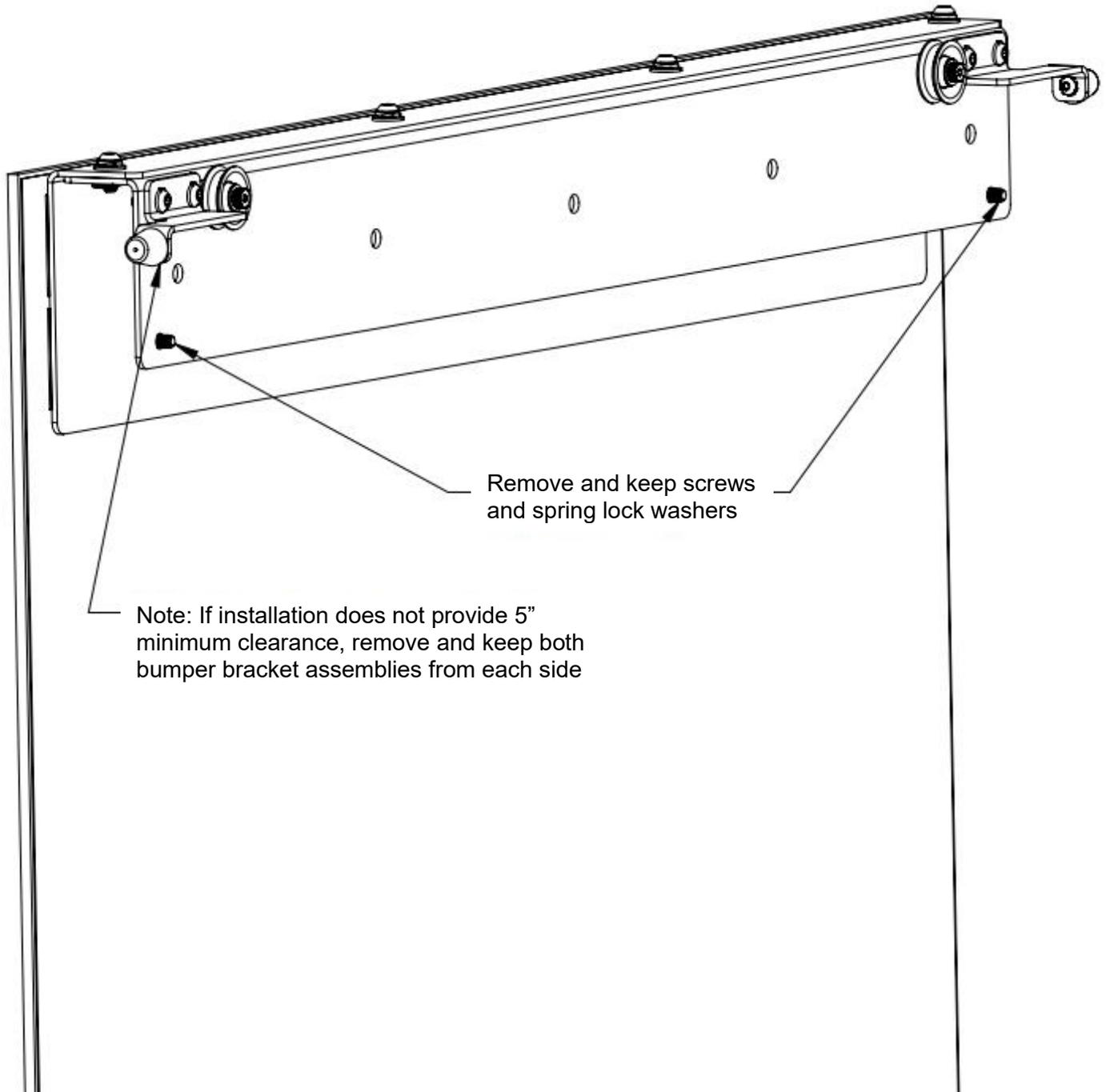
Step 13. Attach the protective plastic glass angle to the installed fixed glass by peeling the double-sided tape's exposed liner, then affix the tape to the back side of the glass.

TIP: Use a clean towel to wipe any residue off the back side and edge of the glass.

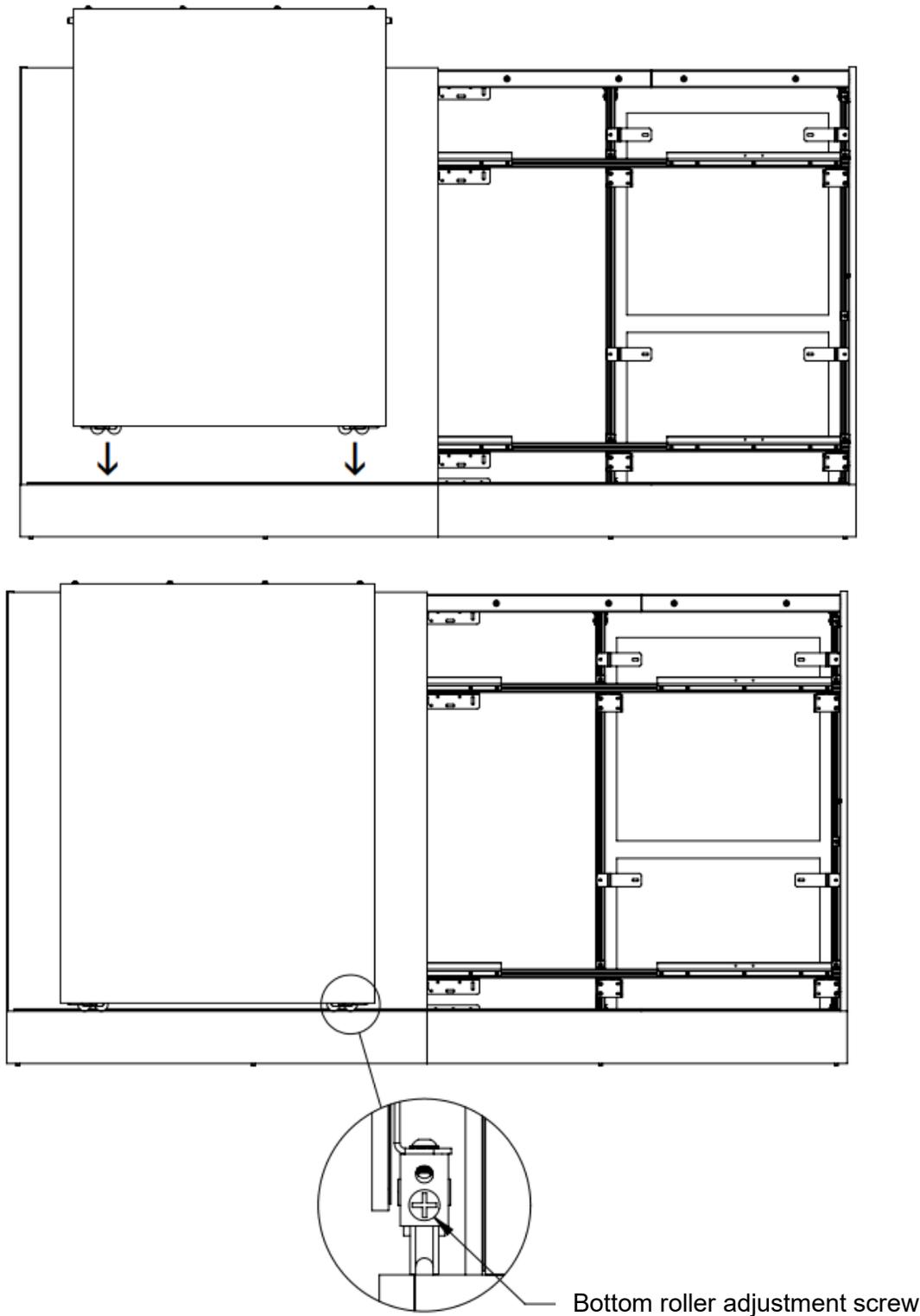


Step 14. Unpack the sliding panel assembly and place cardboard packing material on top of a sturdy work surface to protect glass from scratches. Then place slider assembly on the sturdy work surface with glass side down.

Remove **and keep** the two (2) retaining screws on the back side of the slider.

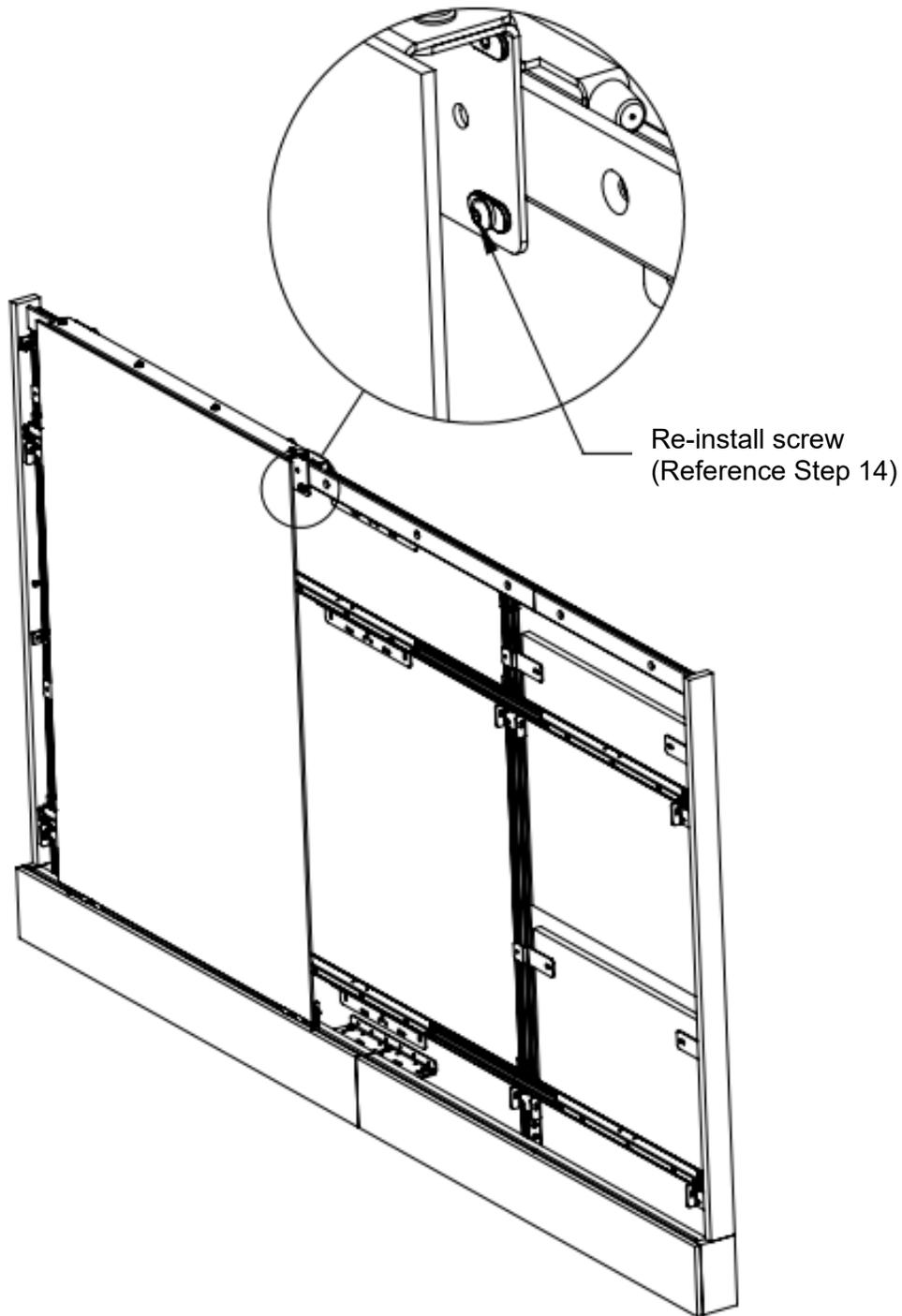


Step 15. Using suction cups, carefully lower the slider assembly onto the top and bottom track as shown. It is recommended at this time to adjust the bottom rollers for smooth operations using a #2 Phillips head screwdriver. Adjust the bottom rollers **DOWN** by turning the adjusting screw **CLOCKWISE**. Do not over tighten, adjust until smooth and quiet operation is achieved.



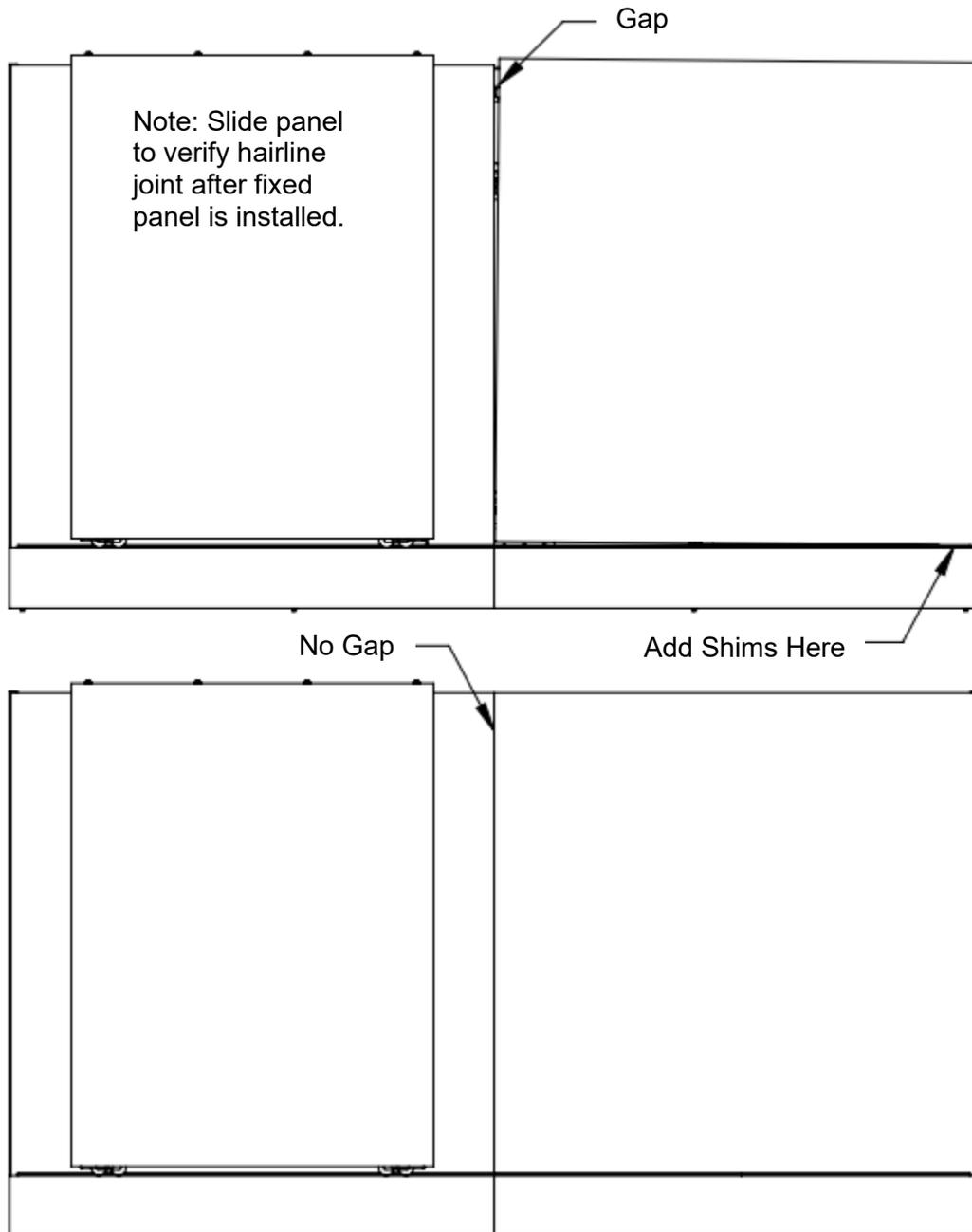
Step 16. Re-install the retaining screws that were removed in Step 15.

NOTE: The fixed glass panels are hidden for visual clarity.



Step 17. Two (2) technicians are recommended for this step. Using suction cups, attach the remaining fixed glass panel to the frame's French cleats and butt against the protective glass angle.

TIP: After attaching the fixed glass panels, use provided aluminum shims to create a hairline joint between the glass panels and protective plastic angle.



Step 18. Reinstall bumper brackets on sliders if removed in Step 14. Note: There is a different bracket for the left and right sides of the sliders.

Step 19. Install the provided accessory marker holder to either the sliding panel assembly or adjacent wall as directed by the customer. Refer to the instructions provided with the marker holder.

Step 20. Remove any production labels from glass.

Step 21. Recycle all packaging material in accordance with local regulations.

Groove Wall Sliding Glassboard / GRW410

Installation Instructions

NOTE: Immediately after delivery, carefully open carton(s) and inspect for concealed damage. Save carton(s) and packing material for future use. If concealed damage is found, notify the carrier immediately to request an inspection. Failure to report shipping damage in a timely manner will result in the denial of a damage claim. Return the product to the original packaging to protect it.

NOTE: Failure to follow the installation instructions will void warranty. Refer to <https://ghent.com/warranties> for additional details.

NOTE: Three (3) technicians are required to attach frame to wall. Two (2) technicians are required for all other installation tasks. Estimate of 4 hours installation time.

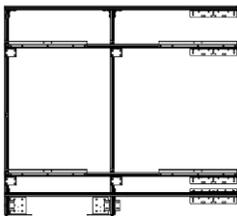
Required Supplies (NOT PROVIDED BY GHENT):

- Obtain wall anchors and screws appropriate for the wall construction

Tools Needed:

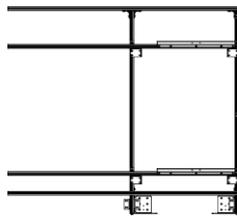
- Laser Level
- Level, 4'-6'
- Tape Measure
- Pencil
- Step Ladder
- Mallet
- Suction Cups
- Power Drill
- 7/32" Drill Bit for Lag Screws
- 3/8" Socket with Low Profile Ratchet
- 7/16" Open End Wrench or Socket with Ratchet
- 1/8" Allen Wrench
- 5/32" Allen Wrench (Provided)
- 3/16" Allen Wrench (Provided)
- #2 Phillips Screwdriver
- Sawhorses or Sturdy Temporary Work Surface

Packaging Contents:



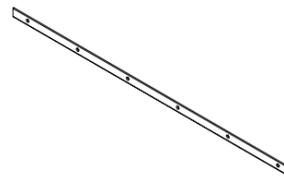
(1)

Left Frame Assembly



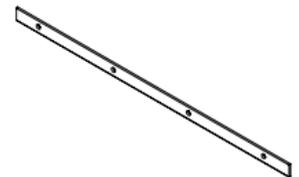
(1)

Right Frame Assembly



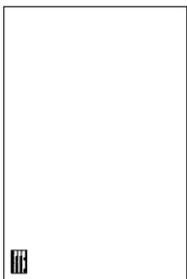
(2)

71-7/8" Long Track



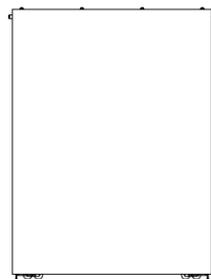
(2)

46-3/4" Long Track



(2)

Magnetic Glass Panels



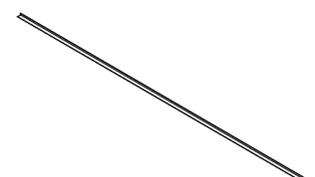
(2)

Magnetic Slider Panel



(2)

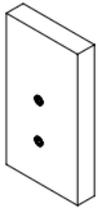
White Fixed Glass Support Panels



(1)

Plastic Glass Protective Angle With Tape

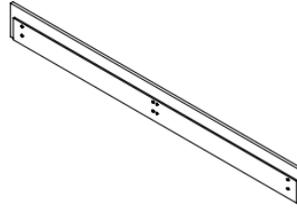
Packaging Contents (Cont'd.):



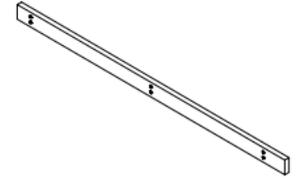
(1)
Small Bottom Right
Side Decorative Panel



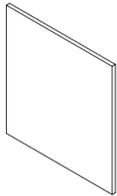
(1)
Small Bottom Left
Side Decorative Panel



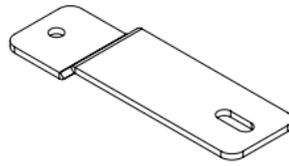
(2)
Bottom Decorative
Panels



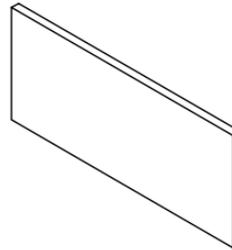
(2)
Side Decorative
Vertical Panels



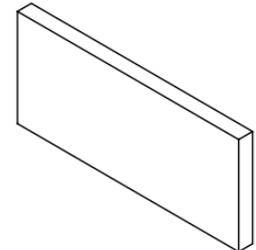
(4)
Plywood Wall Blocking



(8)
Wall Mounting Brackets



(6)
Thin Aluminum Glass
Shims

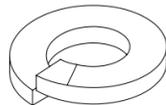


(6)
Thick Aluminum Glass
Shims

Bag Hardware A1:



(15)
1/4"-20 Tee Nut



(15)
1/4" Spring Lock
Washer

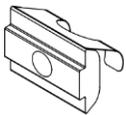


(15)
1/4"-20x7/16" Button
Head Cap Screw



(1)
5/32" Allen
Wrench

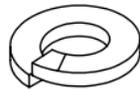
Bag Hardware C1:



(25)
1/4"-20 Tee
Spring Nut



(25)
1/4"-20x7/16"
Button Head
Cap Screw



(25)
1/4" Spring
Lock Washer



(50)
Slotted Fender
Washer



(1)
5/32" Allen
Wrench



(25)
1/4"-20x1" Wood
Lag Screw

Packaging Contents (Cont'd.):

BAG-GRW-CAB-TR1:



(18)
1/4"-20 Tee Nut



(18)
1/4"-20x1/2"
Flat Head
Cap Screw



(18)
1/4"-20x9/16"
Button Head
Cap Screw



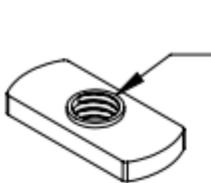
(16)
1/4"-20x1 5/8"
Hex Bolt



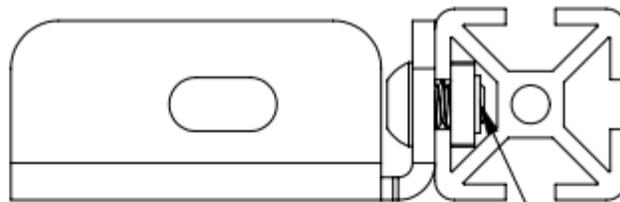
(1)
5/32" Allen
Wrench

NOTE: Extra/spare fasteners are provided.

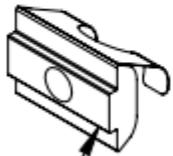
Proper orientation of tee nuts:



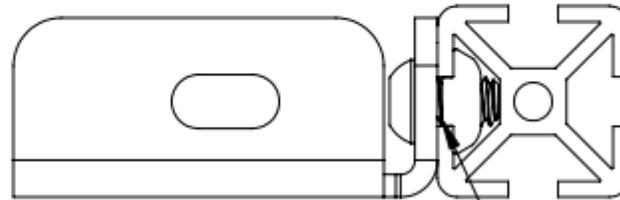
Note:
Tee nut
barrel



Note: Tee nut
barrel oriented
as shown



Note: Rib on
tee spring nut



Note: Rib
orientation
(compress leaf
spring and roll
nut into groove)

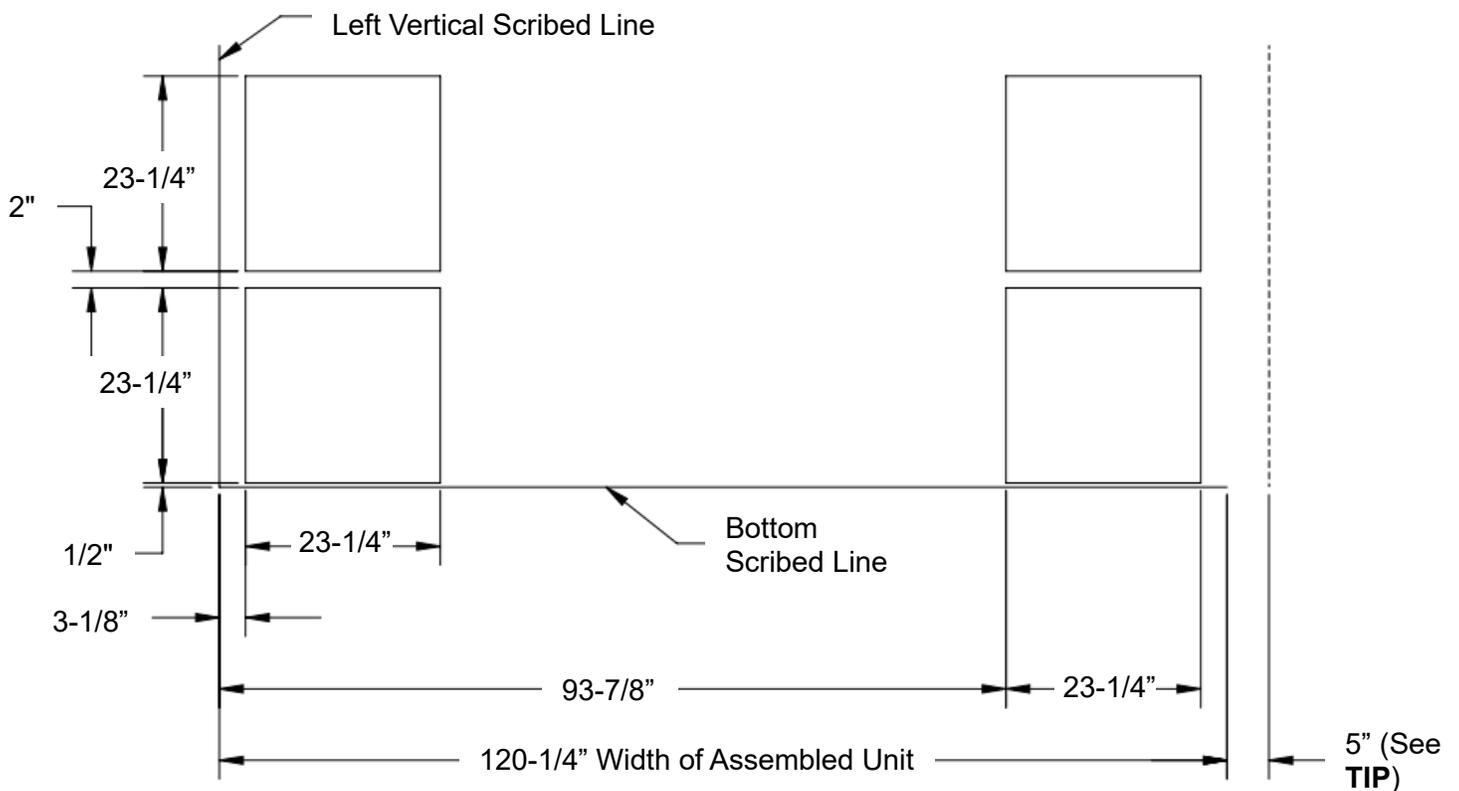
Instructions:

Step 1. Scribe a line on the wall where the left-most vertical edge and bottom horizontal edge of the unit will be placed.

Step 2. Locate and mark stud locations.

Step 3. Install blocking panels per the detail below, secure with at least four (4) screws per blocking panel fastened into stud(s).

TIP: When possible, provide at least 5" minimum clearance to nearest wall obstruction for ease of fixed glass installation. Refer to Step 14 if less than 5" of clearance is provided.



Step 4. Loosen brackets and cleats on the left frame assembly and slide them right as shown. Then connect left and right frame assemblies together as shown. Ensure the large brackets are centered between the left and right frame assemblies and slide the middle fixed glass cleat brackets to the dimension shown. Tighten all hardware.

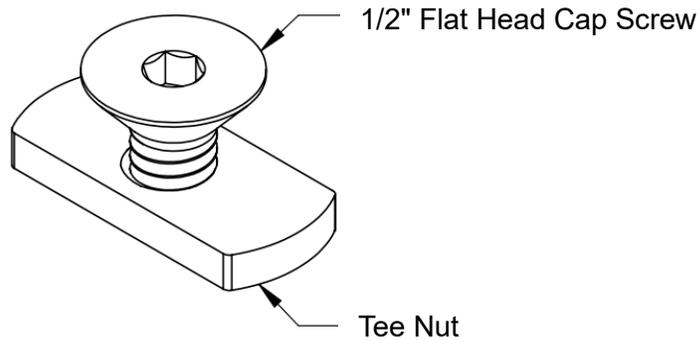


Note: Remove this bottom wall bracket for Step 6. Save hardware for re-use.

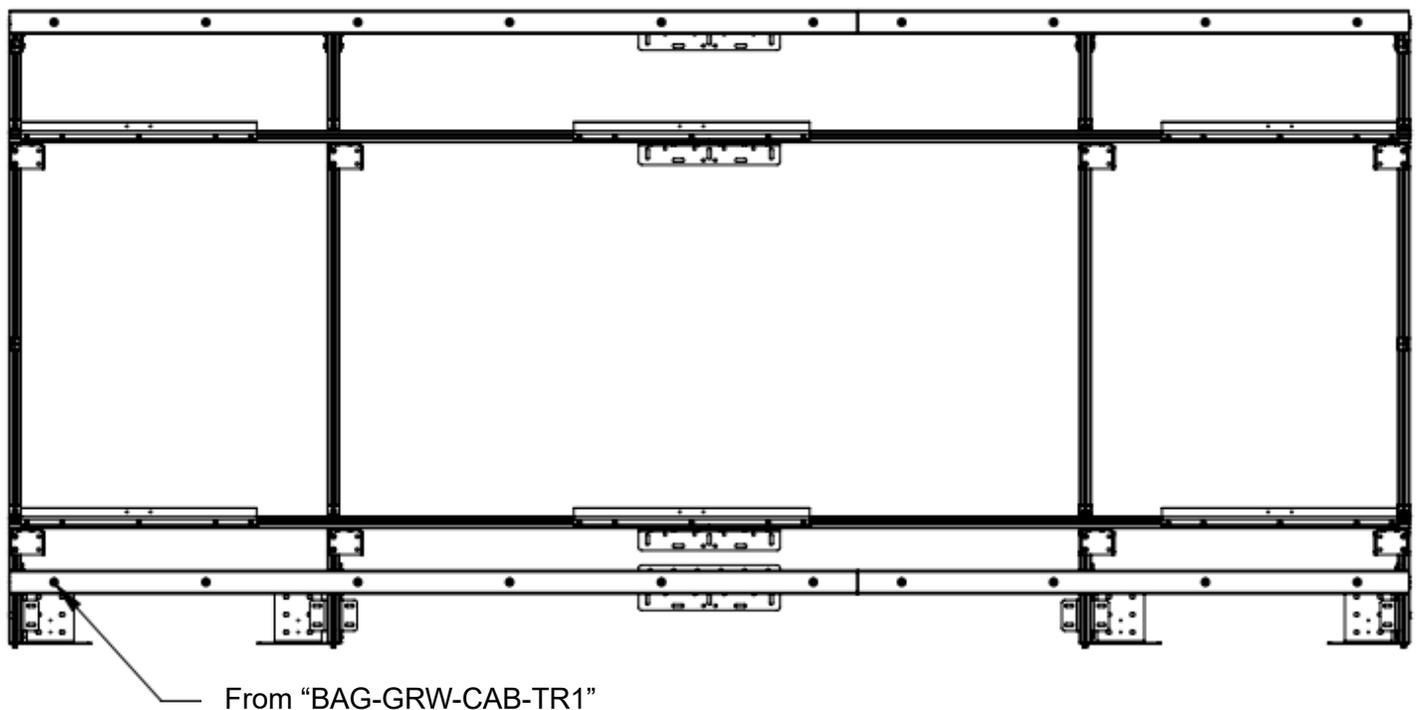
Step 5. Install top & bottom track. Tighten hardware & check squareness.

TIPS:

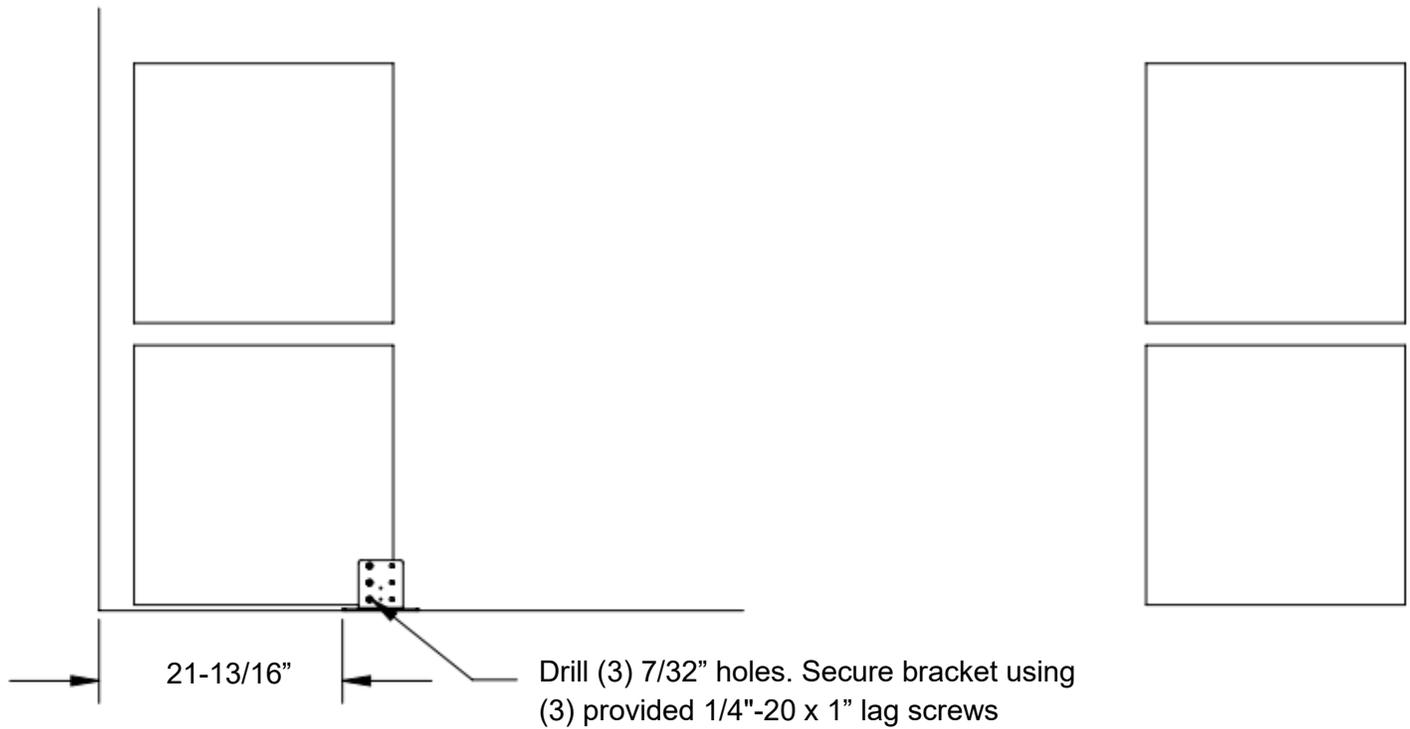
- A.) Ensure the short sections of track have the hole that is closer to the edge at the track joint.
- B.) Slide track sections onto frame, equal space on each end.
- C.) Hold track joints together and tighten screws immediately to the left & right of the track joint. Tighten remaining track screws starting at the joint proceeding to the end of each track section.



Hardware From
"BAG-GRW-CAB-TR1"

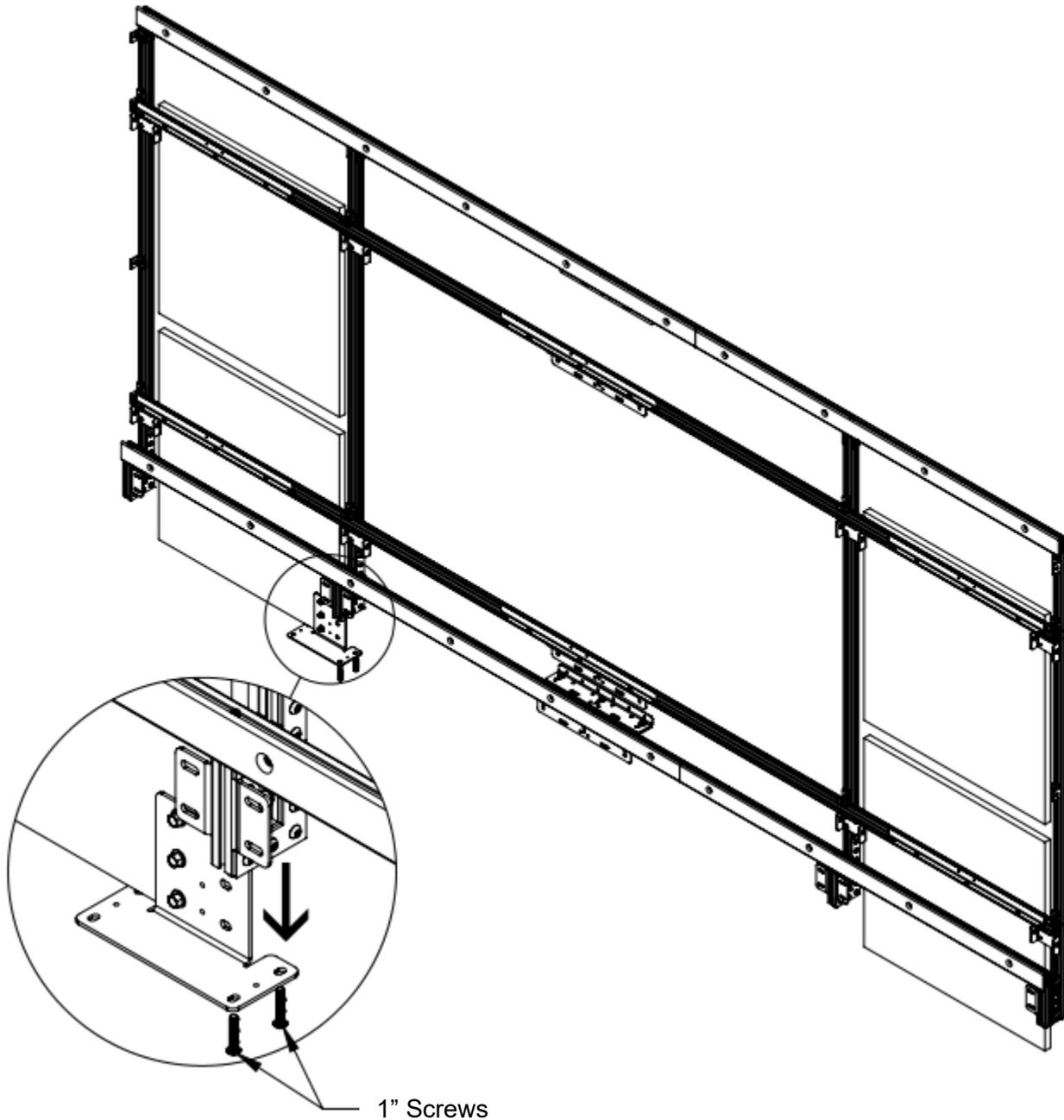


Step 6. Using a laser level, attach one (1) bracket removed from Step 4 to backing as shown.

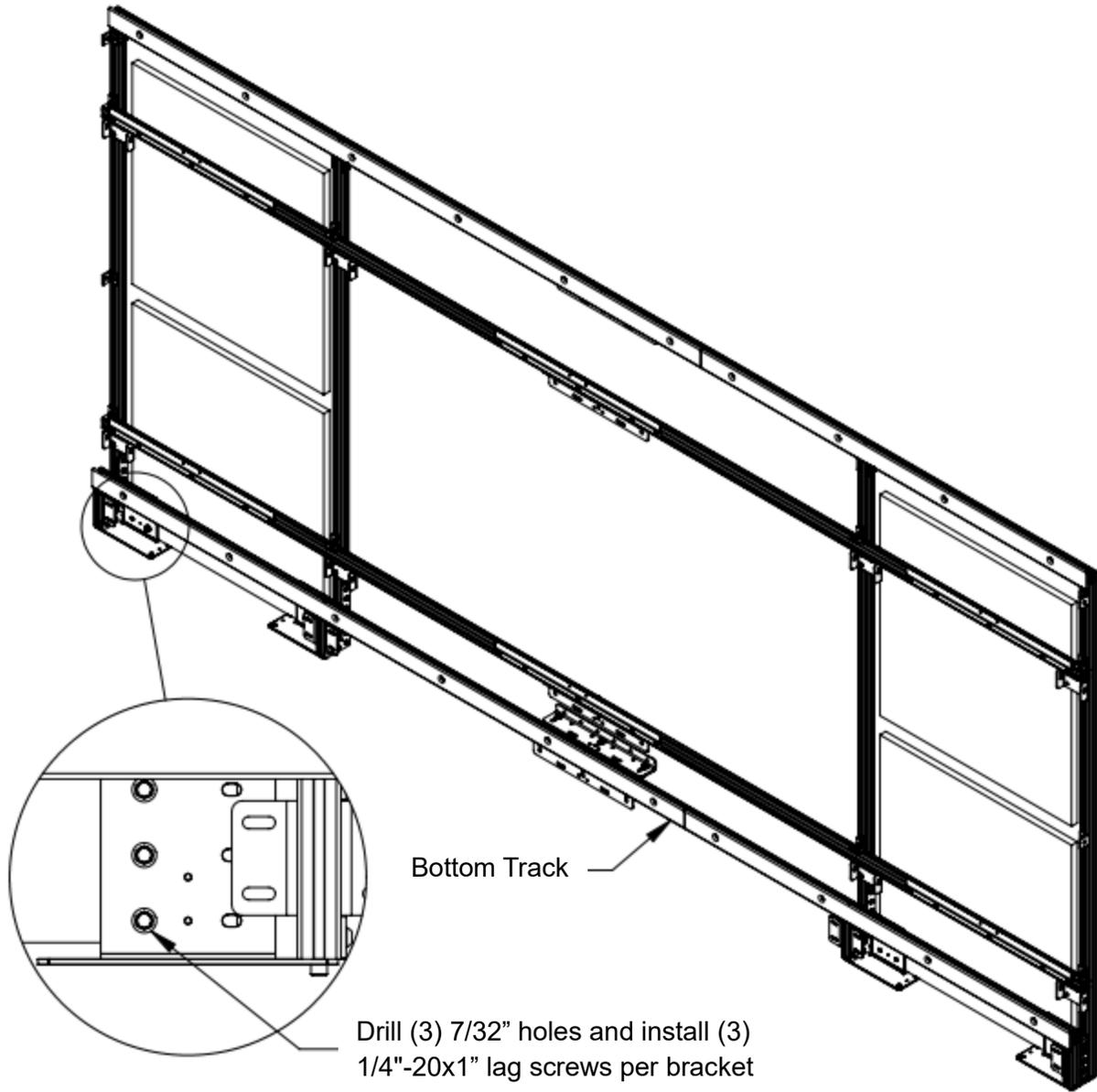


Step 7. Using 3 technicians, mount the frame assembly to the wall. Re-use the two (2) screws removed in Step 4 to mount through the bottom of the frame assembly.

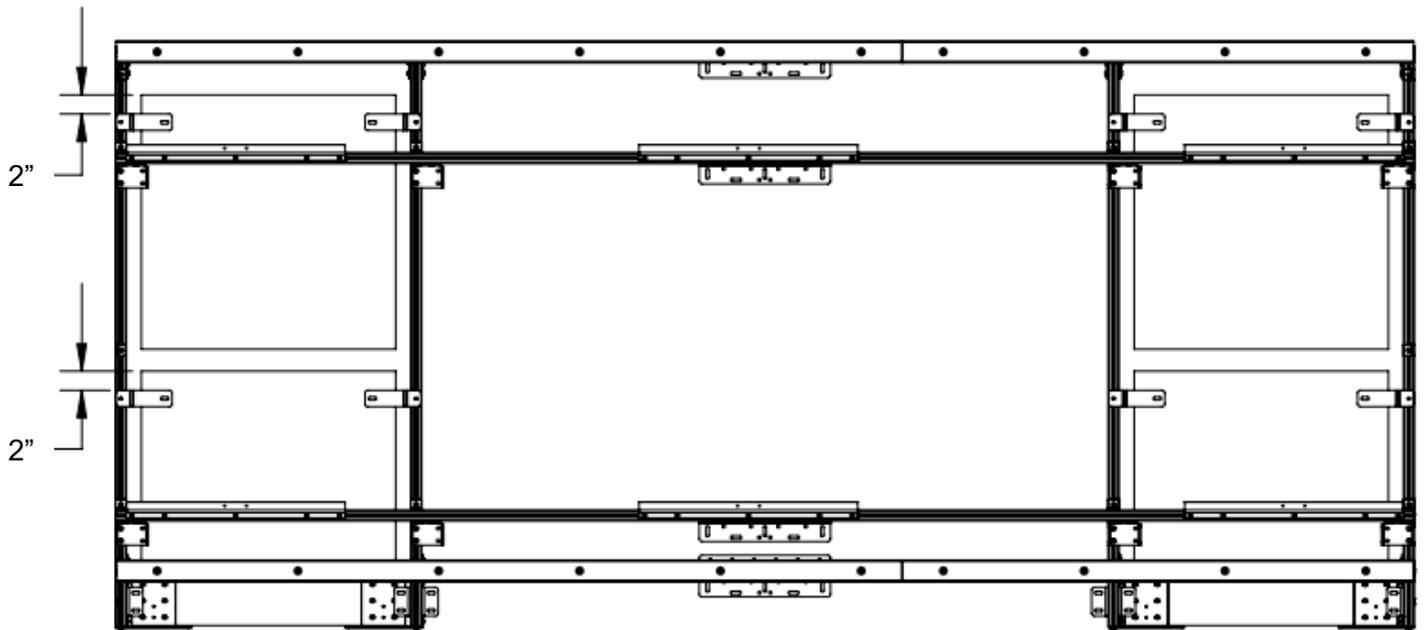
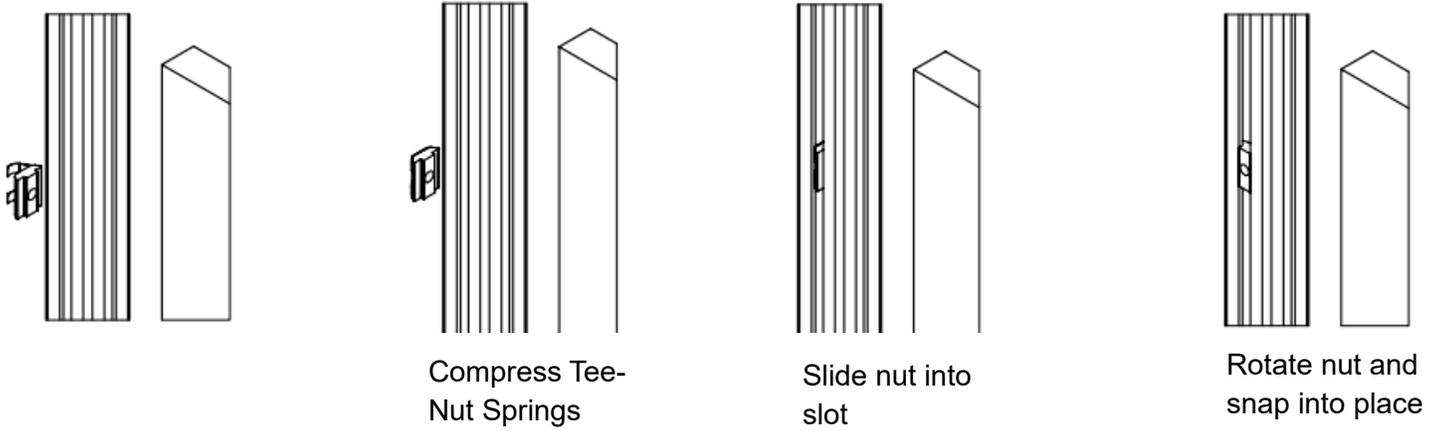
TIP: Before starting this step, have the laser level, lag screws, and tools available for Step 8.



Step 8. Align laser level with the top edge of the bottom track. Install lag screws into the blocking by pre-drilling 7/32" holes.

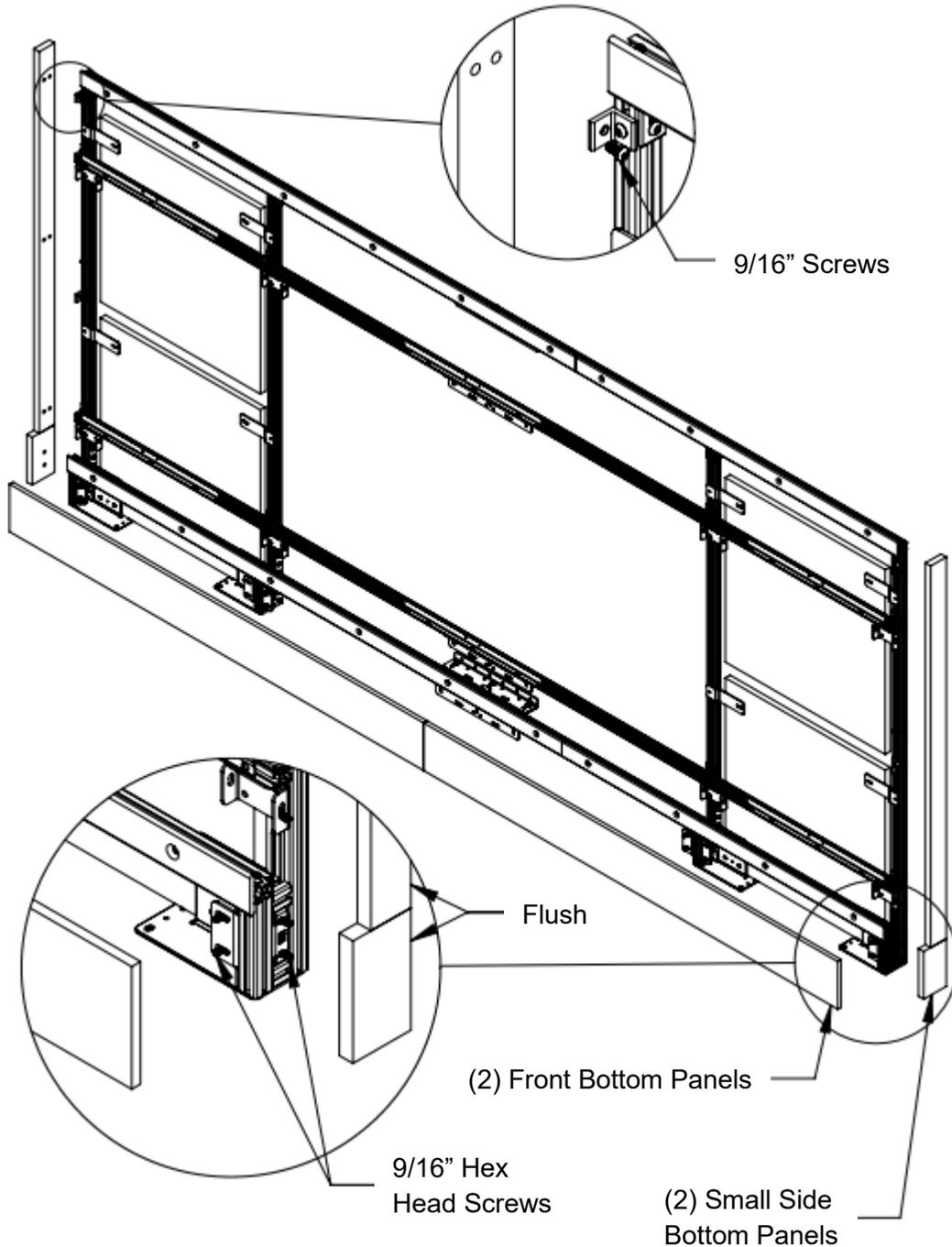


Step 9. Install the wall mounting brackets. Use tee spring nuts and roll them into the frames' channels as shown and attach the wall mounting brackets with 9/16" screws. Fix the frame assemblies to the wall by screwing through the wall mounting brackets and into the blocking.



Step 10. Attach bottom decorative panels and side decorative panels using noted hardware.

TIP: Initially hand tighten hardware to align panels to achieve proper panel fitment, then tighten.

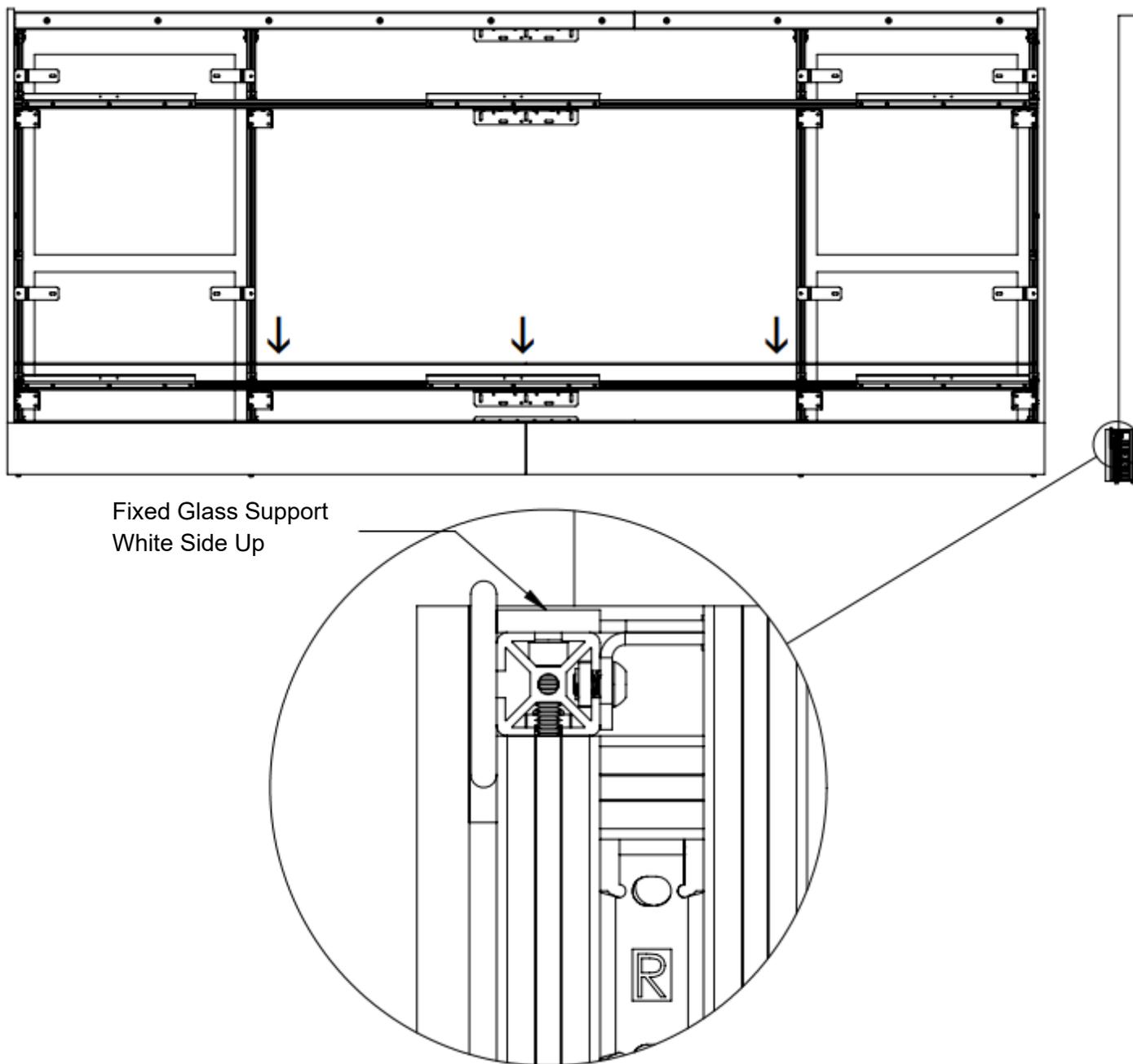


Step 11. Install the white 1"W x 1/4" thick fixed glass support panels using the factory applied tape to secure to the aluminum frame. Place the fixed glass support with no gap between the back of the track, with the white side up.

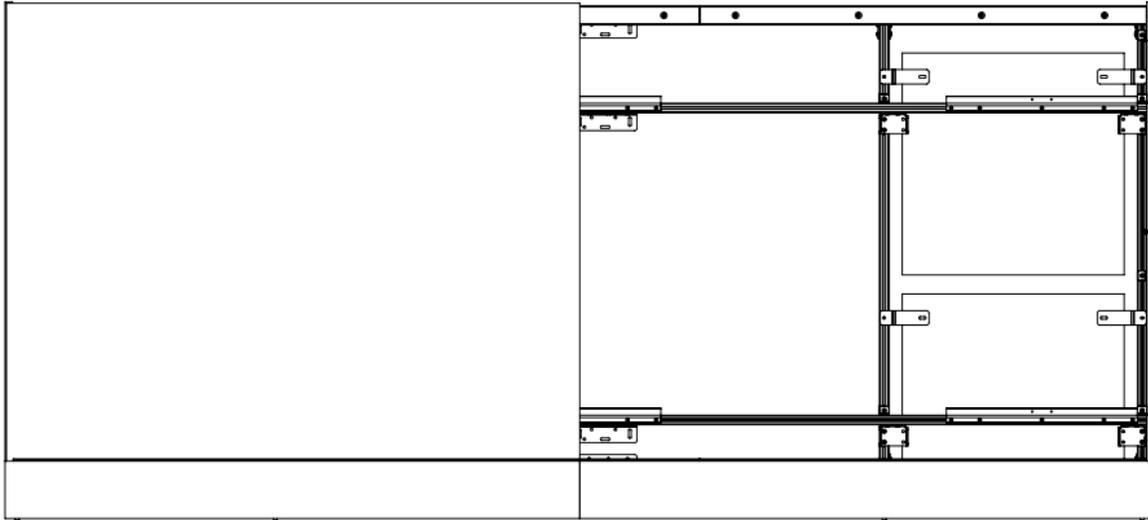
NOTE: The side bottom decorative panel is hidden for visual clarity.

TIPS:

- A.) Dust off the aluminum supports with a clean towel.
- B.) Butt the ends of the panels together, aligning at the center of the frame assembly.



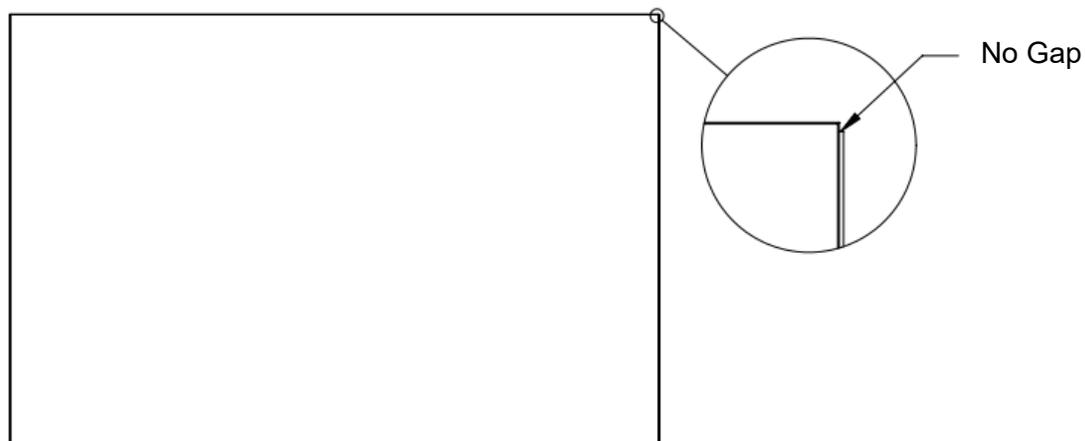
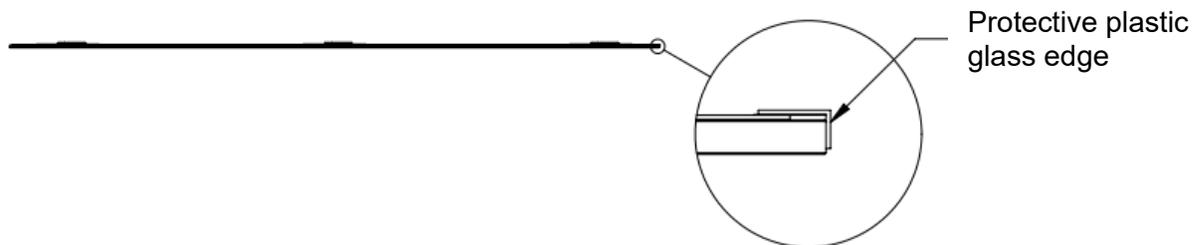
Step 12. Two (2) technicians are recommended for this step. Using suction cups, attach (1) fixed glass panel to the frame's French cleats.



TIP: Install the 1st piece of fixed glass that has 5" or less clearance to a wall obstruction.

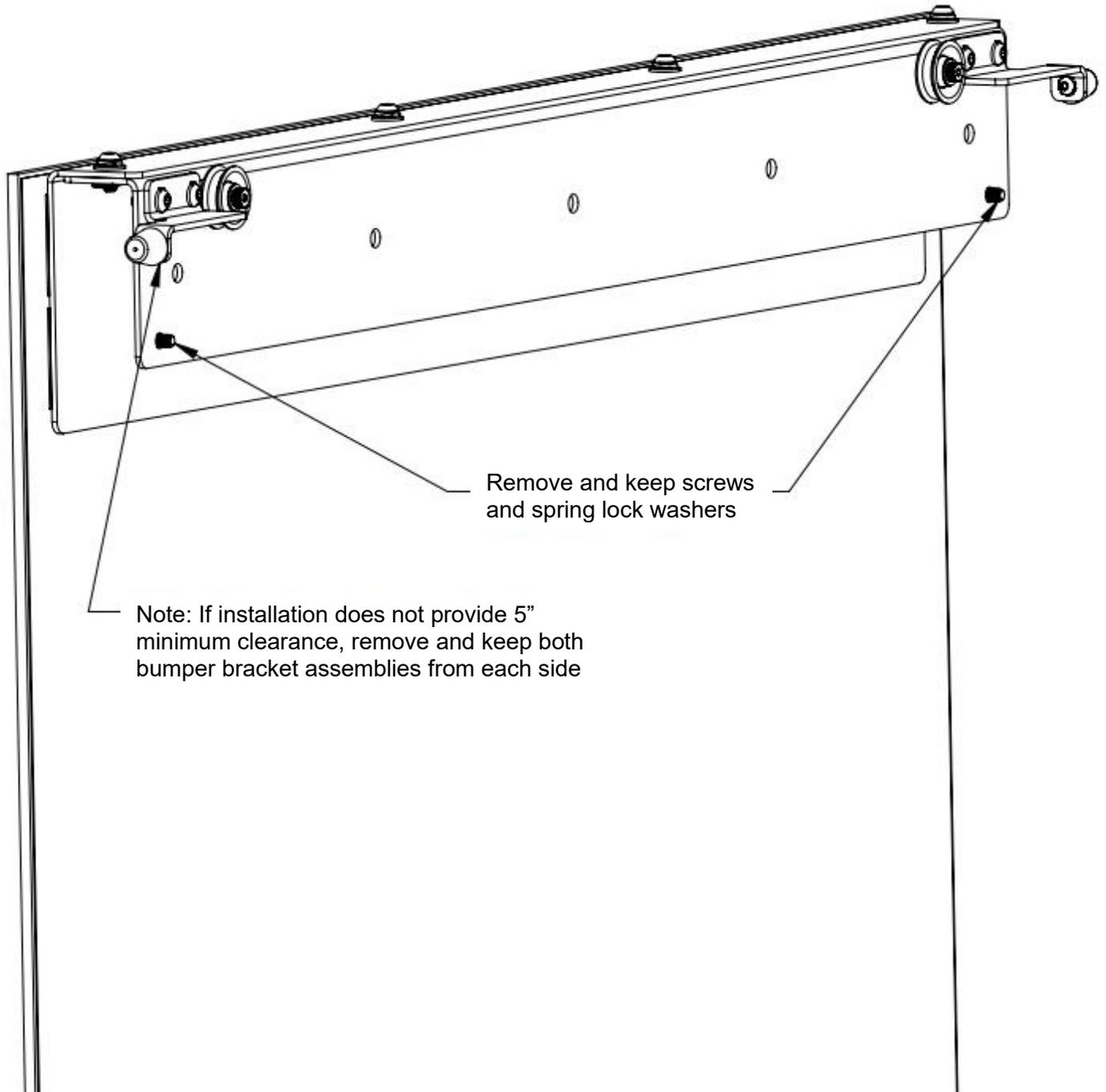
Step 13. Attach the protective plastic glass angle to the installed fixed glass by peeling the double-sided tape's exposed liner, then affix the tape to the back side of the glass.

TIP: Use a clean towel to wipe any residue off the back side and edge of the glass.

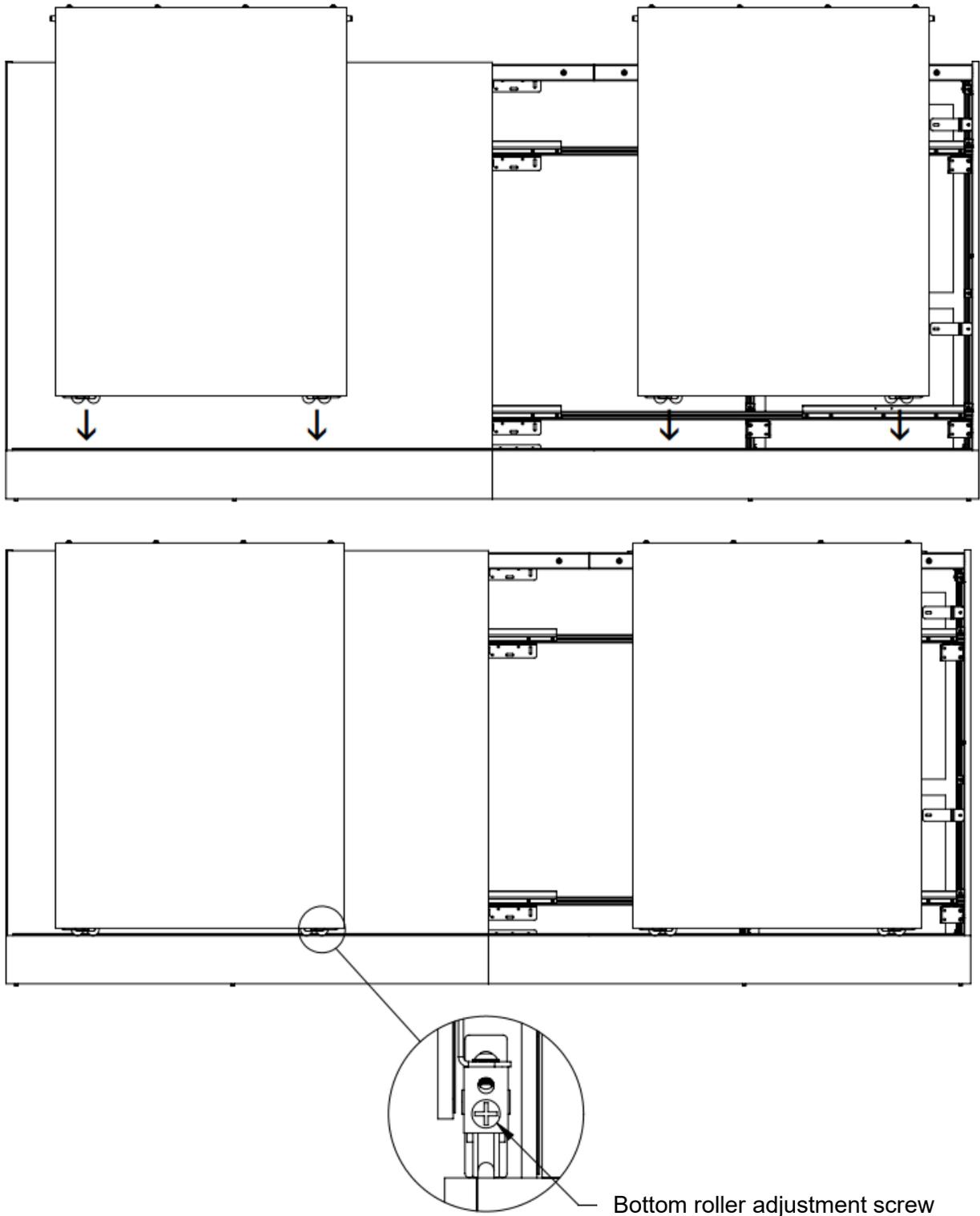


Step 14. Unpack the sliding panel assembly and place cardboard packing material on top of a sturdy work surface to protect glass from scratches. Then place slider assembly on the sturdy work surface with glass side down.

Remove **and keep** the two (2) retaining screws on the back side of the slider.

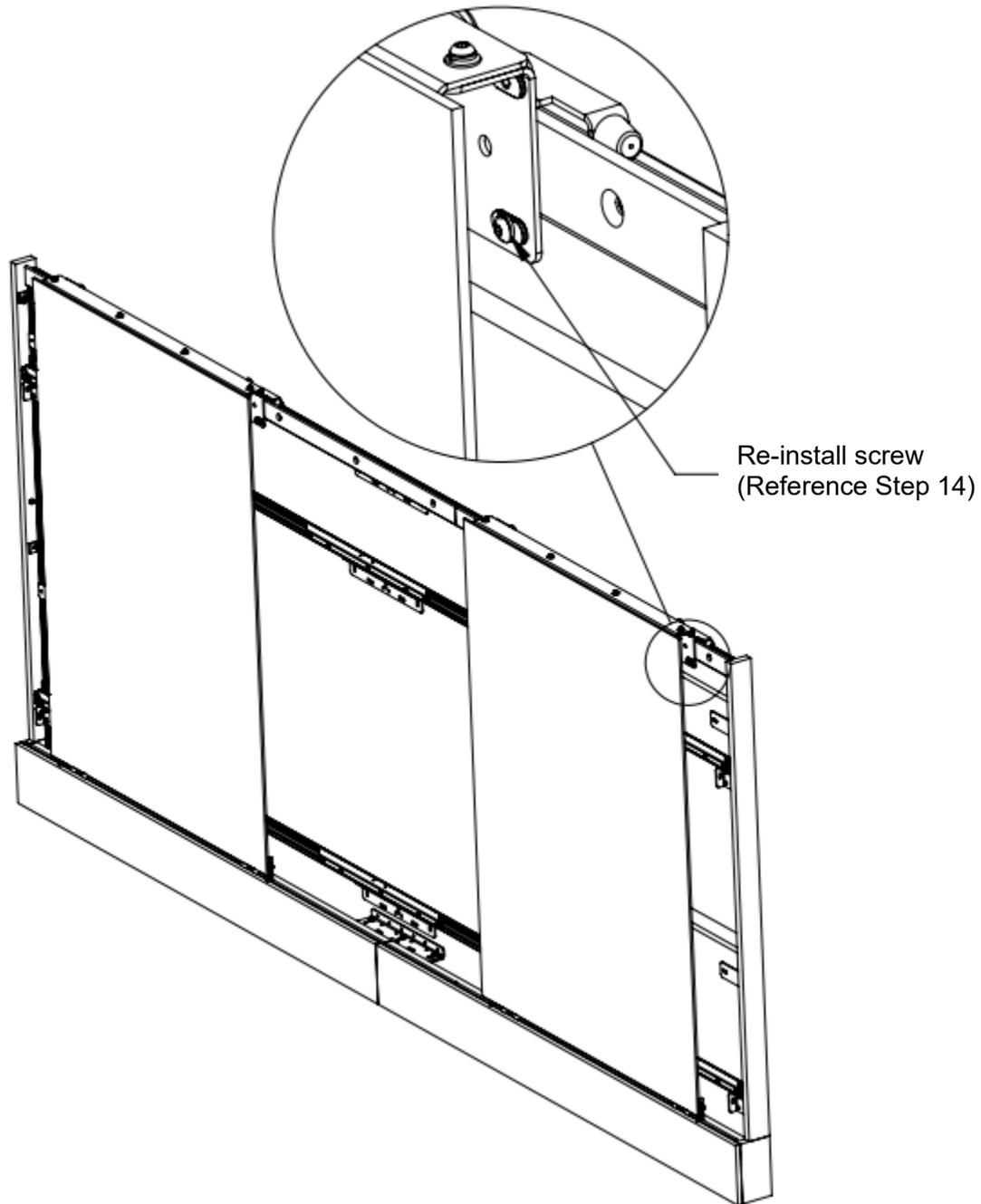


Step 15. Using suction cups, carefully lower the slider assembly/assemblies onto the top and bottom track as shown. It is recommended at this time to adjust the bottom rollers for smooth operations using a #2 Phillips head screwdriver. Adjust the bottom rollers **DOWN** by turning the adjusting screw **CLOCKWISE**. Do not over tighten, adjust until smooth and quiet operation is achieved.



Step 16. Re-install the retaining screws that were removed in Step 15.

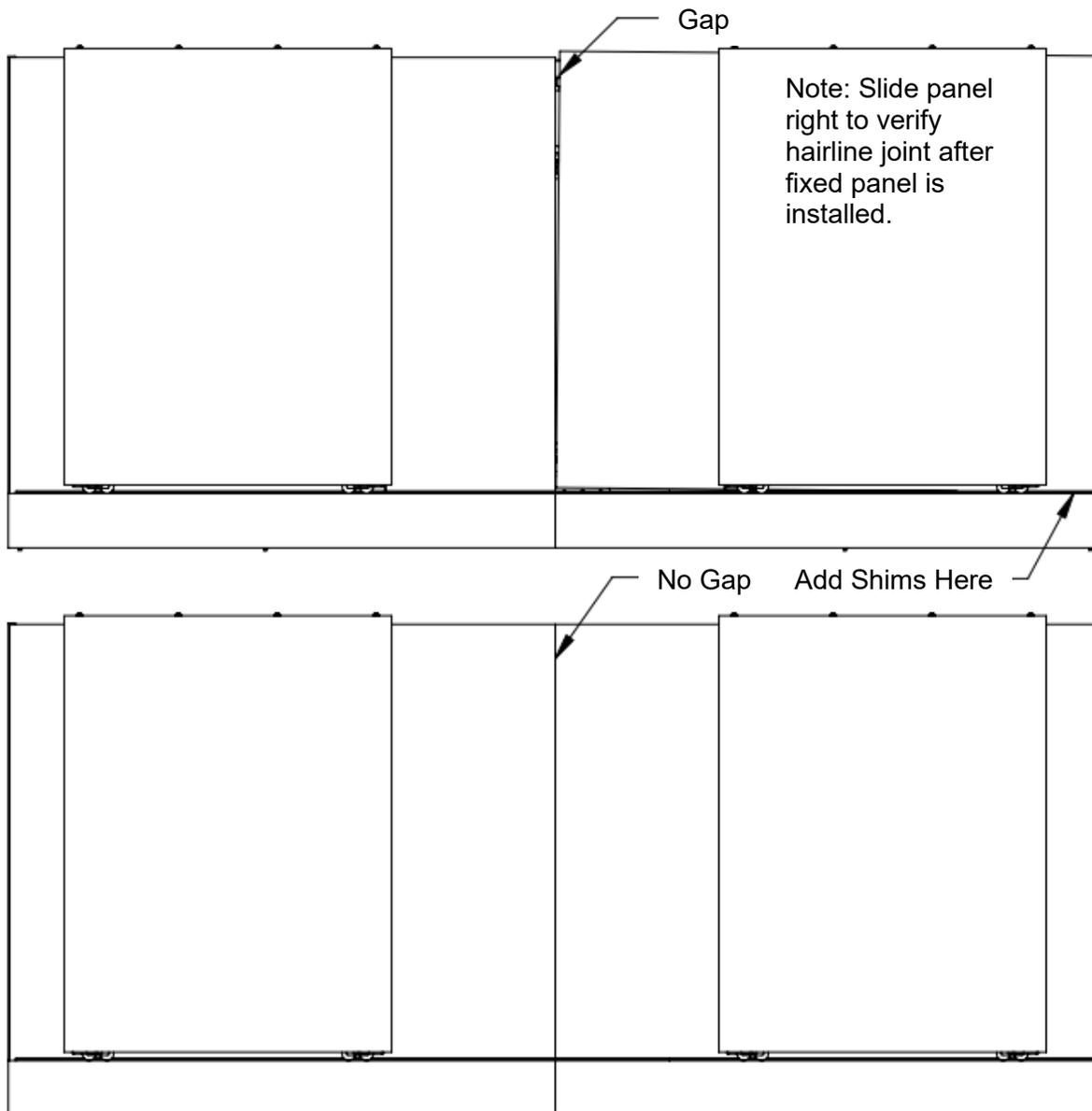
NOTE: The fixed glass panels are hidden for visual clarity.



Step 17. Two (2) technicians are recommended for this step. Using suction cups, attach the remaining fixed glass panel to the frame's French cleats and butt against the protective glass angle.

TIP 1: Shift both sliding panels to cover the fixed glass installed in Step 12 to provide additional clearance to install the remaining fixed glass.

TIP 2: After attaching the fixed glass panels, use provided aluminum shims to create a hairline joint between the glass panels and protective plastic angle.



Step 18. Reinstall bumper brackets on sliders if removed in Step 14. Note: There is a different bracket for the left and right sides of the sliders.

Step 19. Install the provided accessory marker holder to either the sliding panel assembly or adjacent wall as directed by the customer. Refer to the instructions provided with the marker holder.

Step 20. Remove any production labels from glass.

Step 21. Recycle all packaging material in accordance with local regulations.

Groove Wall Sliding Glassboard / GRW412

Installation Instructions

NOTE: Immediately after delivery, carefully open carton(s) and inspect for concealed damage. Save carton(s) and packing material for future use. If concealed damage is found, notify the carrier immediately to request an inspection. Failure to report shipping damage in a timely manner will result in the denial of a damage claim. Return the product to the original packaging to protect it.

NOTE: Failure to follow the installation instructions will void warranty. Refer to <https://ghent.com/warranties> for additional details.

NOTE: Three (3) technicians are required to attach frame to wall. Two (2) technicians are required for all other installation tasks. Estimate of 4 hours installation time.

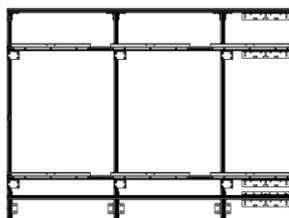
Required Supplies (NOT PROVIDED BY GHENT):

- Obtain wall anchors and screws appropriate for the wall construction

Tools Needed:

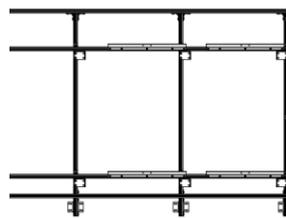
- Laser Level
- Level, 4'-6'
- Tape Measure
- Pencil
- Step Ladder
- Mallet
- Suction Cups
- Power Drill
- 7/32" Drill Bit for Lag Screws
- 3/8" Socket with Low Profile Ratchet
- 7/16" Open End Wrench or Socket with Ratchet
- 1/8" Allen Wrench
- 5/32" Allen Wrench (Provided)
- 3/16" Allen Wrench (Provided)
- #2 Phillips Screwdriver
- Sawhorses or Sturdy Temporary Work Surface

Packaging Contents:



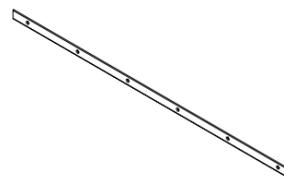
(1)

Left Frame Assembly



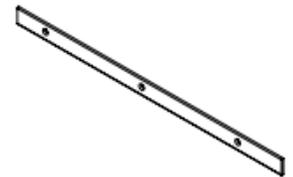
(1)

Right Frame Assembly



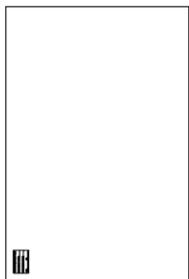
(2)

71-7/8" Long Track



(4)

35-3/8" Long Track



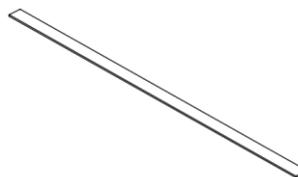
(2)

Magnetic Glass Panels



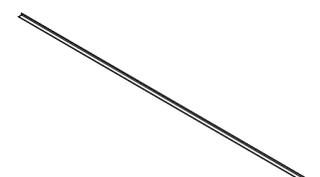
(2)

Magnetic Slider Panel



(2)

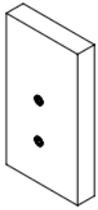
White Fixed Glass Support Panels



(1)

Plastic Glass Protective Angle With Tape

Packaging Contents (Cont'd.):



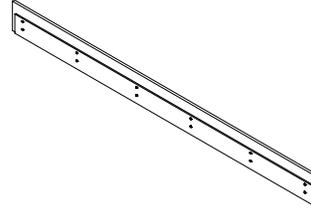
(1)

Small Bottom Right Side Decorative Panel



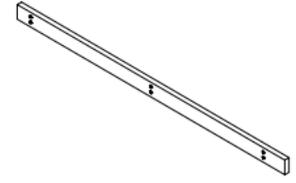
(1)

Small Bottom Left Side Decorative Panel



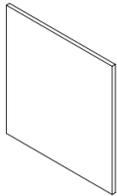
(2)

Bottom Decorative Panels



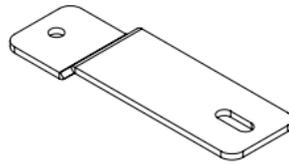
(2)

Side Decorative Vertical Panels



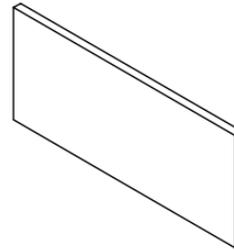
(8)

Plywood Wall Blocking



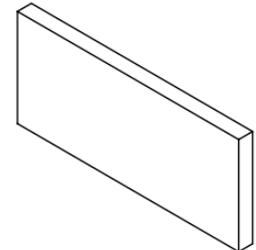
(8)

Wall Mounting Brackets



(6)

Thin Aluminum Glass Shims



(6)

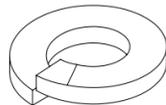
Thick Aluminum Glass Shims

Bag Hardware A1:



(15)

1/4"-20 Tee Nut



(15)

1/4" Spring Lock Washer



(15)

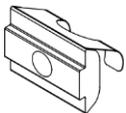
1/4"-20x7/16" Button Head Cap Screw



(1)

5/32" Allen Wrench

Bag Hardware C1:



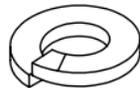
(25)

1/4"-20 Tee Spring Nut



(25)

1/4"-20x7/16" Button Head Cap Screw



(25)

1/4" Spring Lock Washer



(50)

Slotted Fender Washer



(1)

5/32" Allen Wrench



(25)

1/4"-20x1" Wood Lag Screw

Packaging Contents (Cont'd.):

BAG-GRW-CAB-TR1:



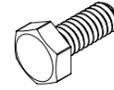
(18)
1/4\"-20 Tee Nut



(18)
1/4\"-20x1/2\"
Flat Head
Cap Screw



(18)
1/4\"-20x9/16\"
Button Head
Cap Screw



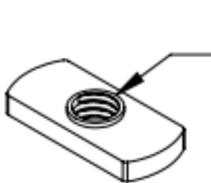
(16)
1/4\"-20x1 5/8\"
Hex Bolt



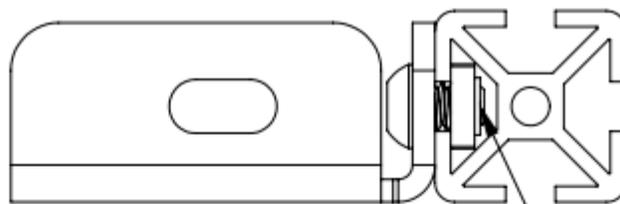
(1)
5/32\" Allen
Wrench

NOTE: Extra/spare fasteners are provided.

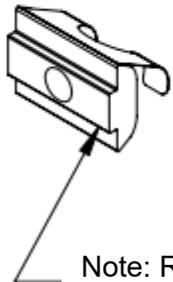
Proper orientation of tee nuts:



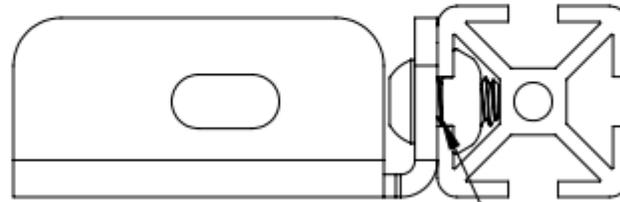
Note:
Tee nut
barrel



Note: Tee nut
barrel oriented
as shown



Note: Rib on
tee spring nut



Note: Rib
orientation
(compress leaf
spring and roll
nut into groove)

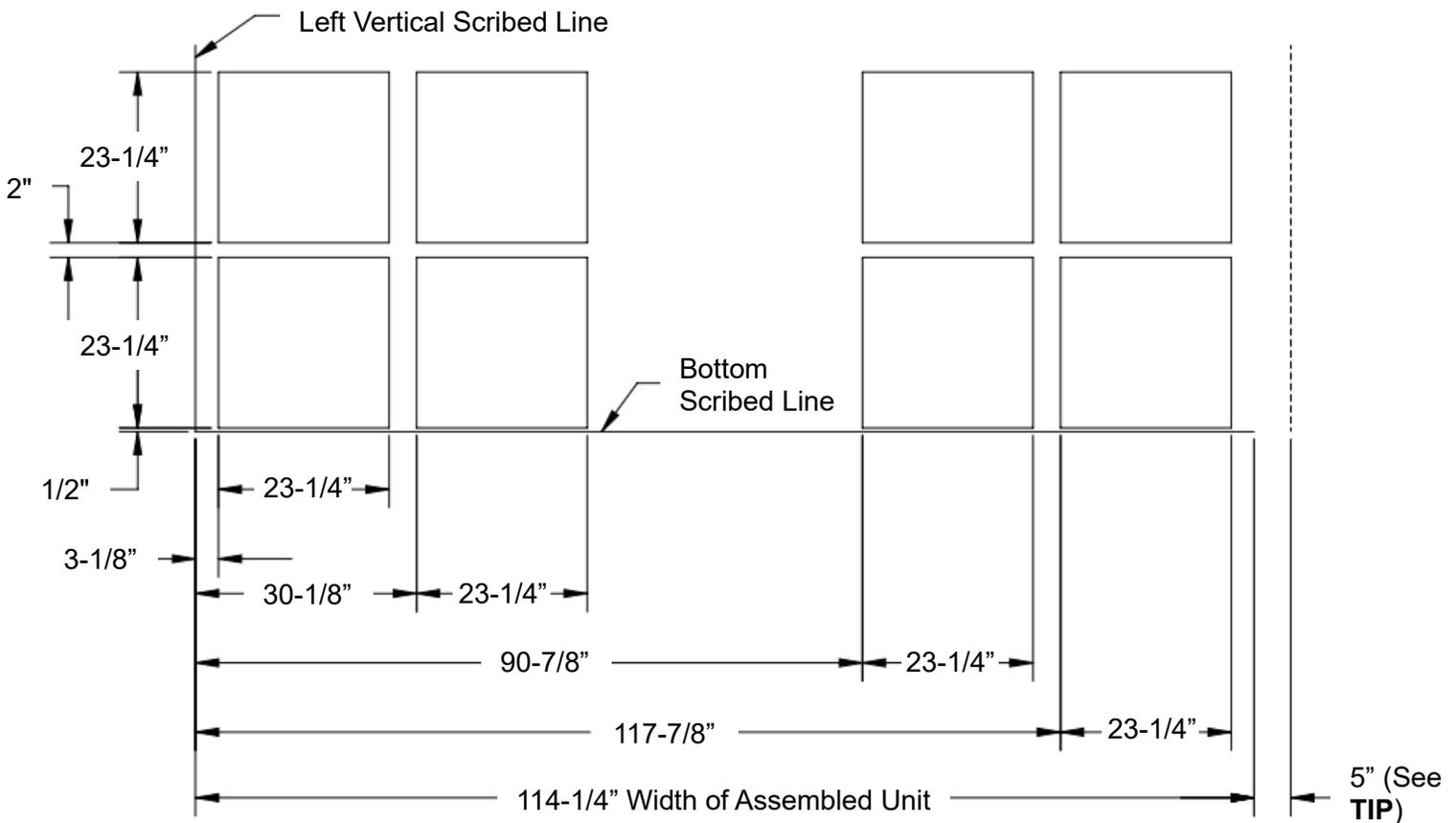
Instructions:

Step 1. Scribe a line on the wall where the left-most vertical edge and bottom horizontal edge of the unit will be placed.

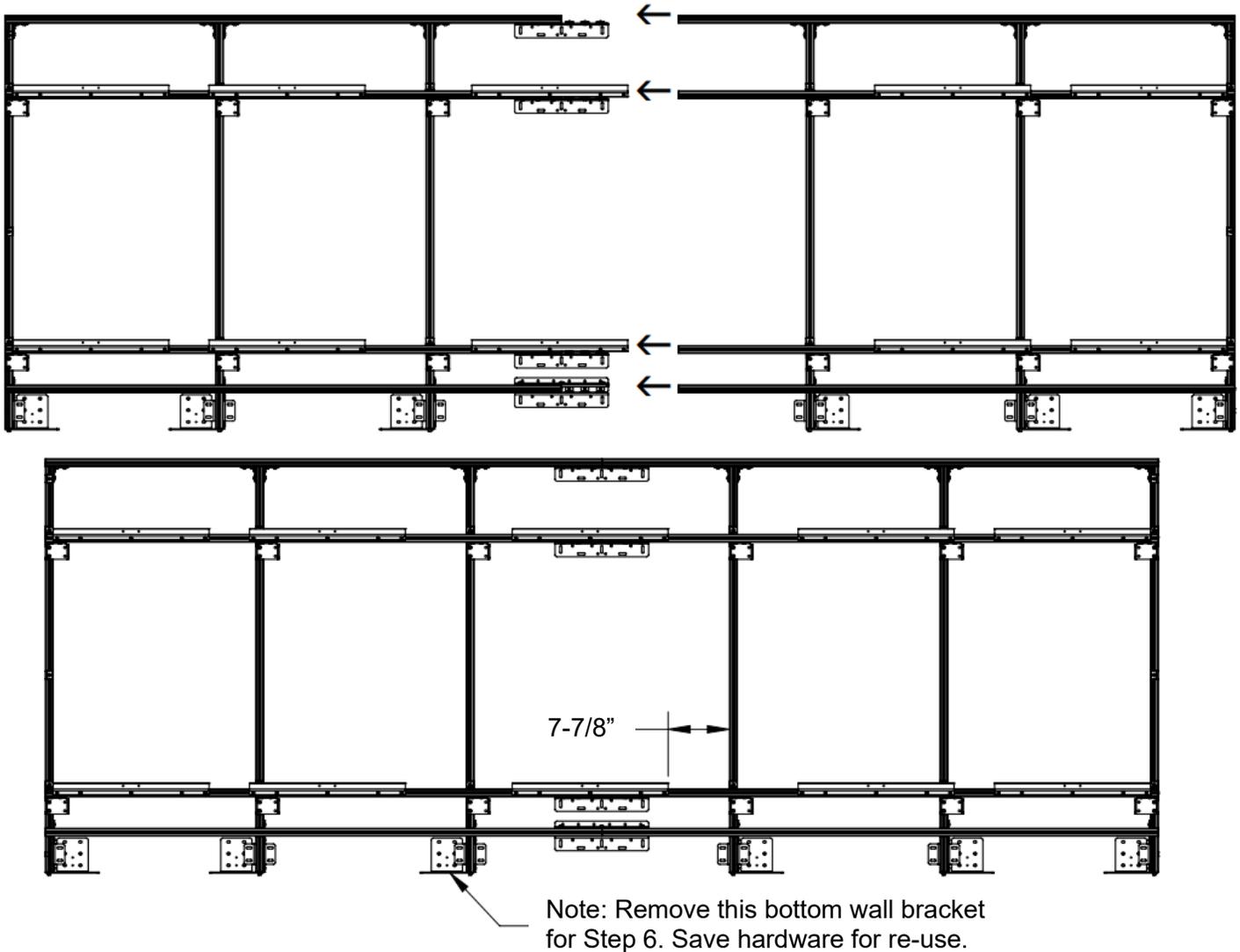
Step 2. Locate and mark stud locations.

Step 3. Install blocking panels per the detail below, secure with at least four (4) screws per blocking panel fastened into stud(s).

TIP: When possible, provide at least 5" minimum clearance to nearest wall obstruction for ease of fixed glass installation. Refer to Step 14 if less than 5" of clearance is provided.



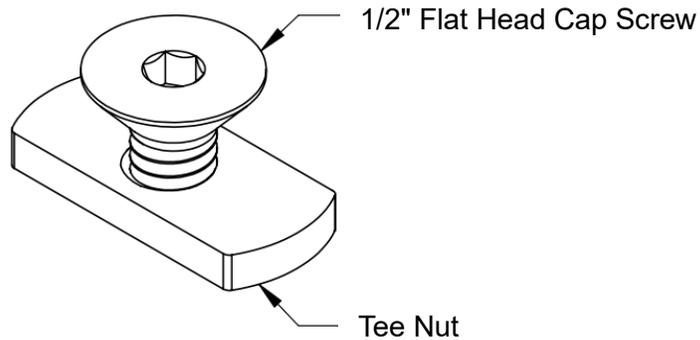
Step 4. Loosen brackets and cleats on the left frame assembly and slide them right as shown. Then connect left and right frame assemblies together as shown. Ensure the large brackets are centered between the left and right frame assemblies and slide the middle fixed glass cleat brackets to the dimension shown. Tighten all hardware.



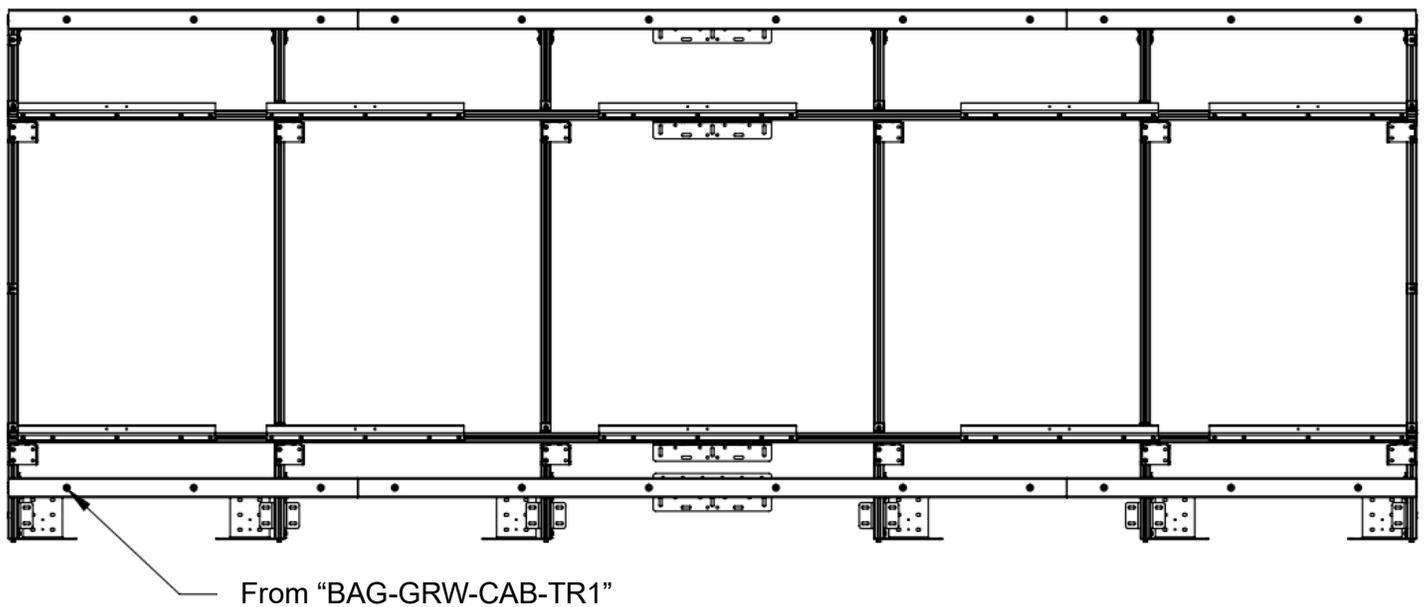
Step 5. Install top & bottom track. Tighten hardware & check squareness.

TIPS:

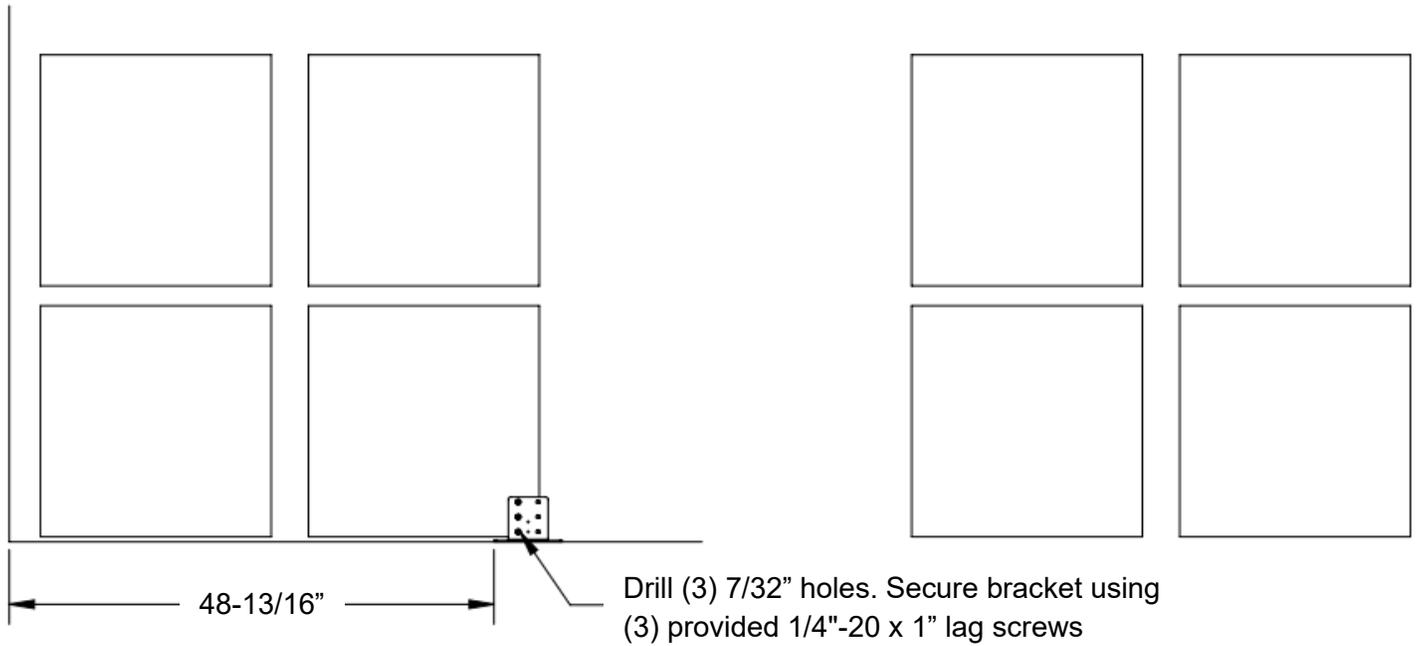
- A.) Ensure the short sections of track have the hole that is closer to the edge at the track joint.
- B.) Slide track sections onto frame, equal space on each end.
- C.) Hold track joints together and tighten screws immediately to the left & right of the track joint. Tighten remaining track screws starting at the joint proceeding to the end of each track section.



Hardware From
"BAG-GRW-CAB-TR1"

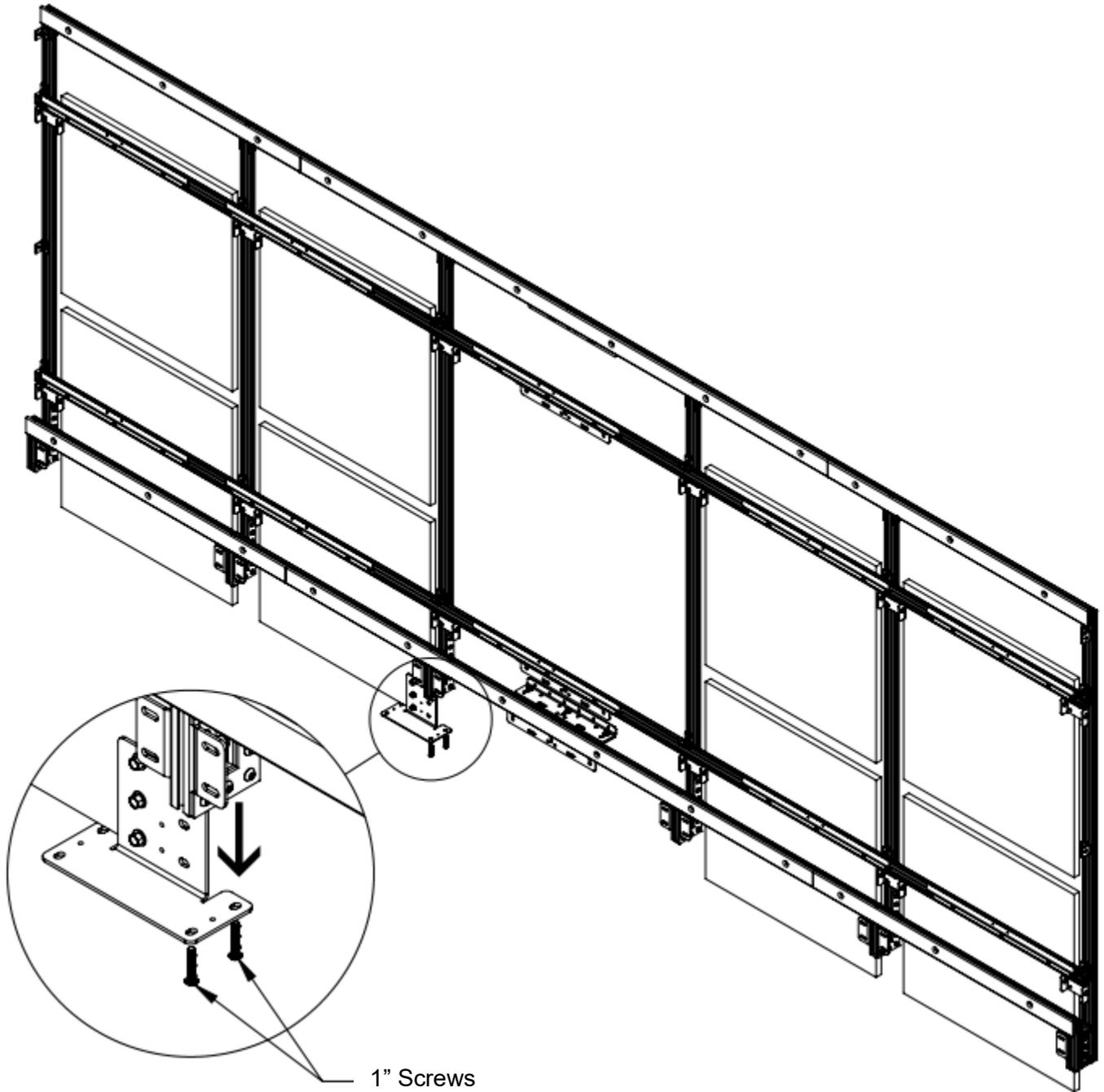


Step 6. Using a laser level, attach one (1) bracket removed from Step 4 to backing as shown.

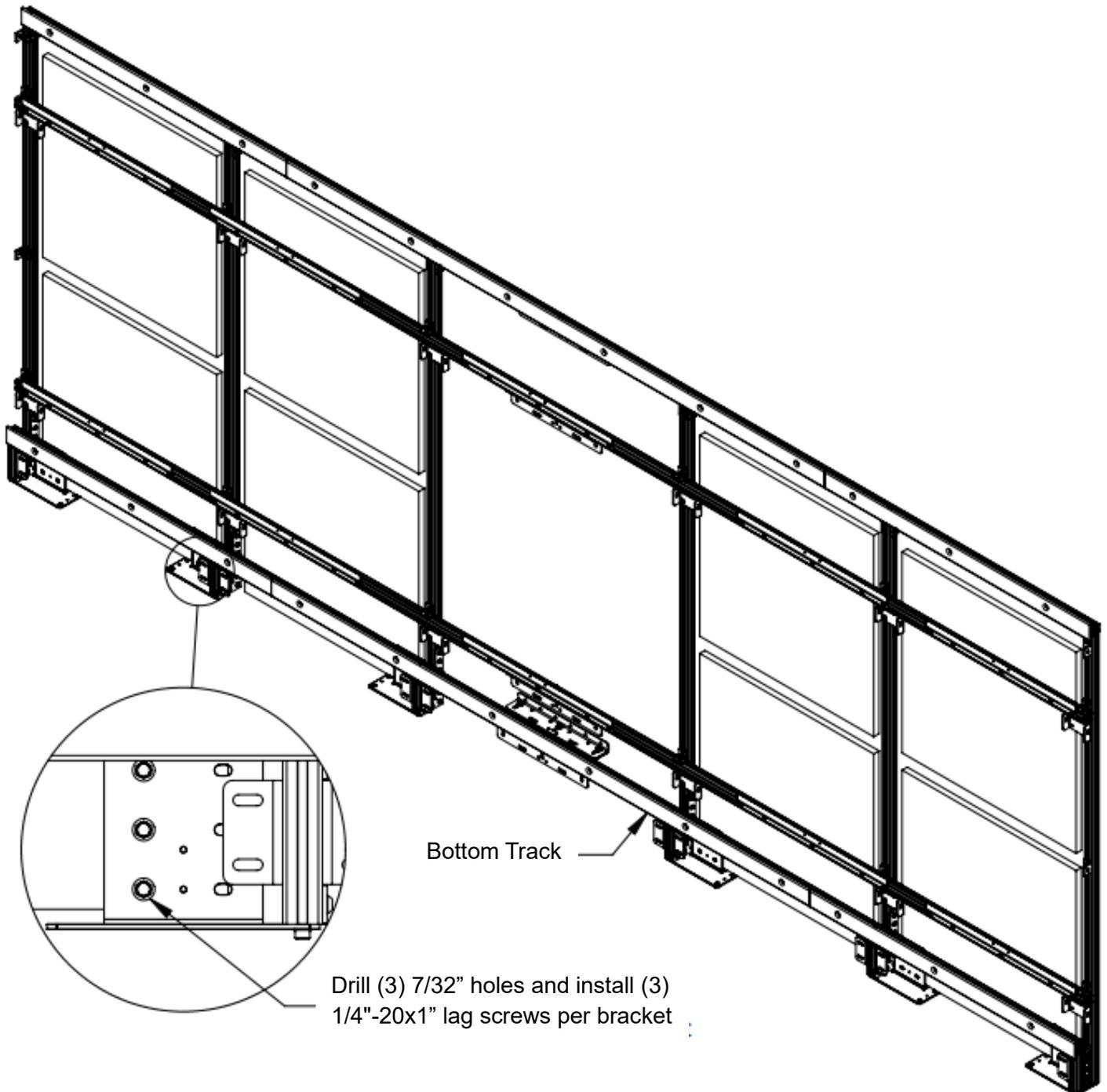


Step 7. Using 3 technicians, mount the frame assembly to the wall. Re-use the two (2) screws removed in Step 4 to mount through the bottom of the frame assembly.

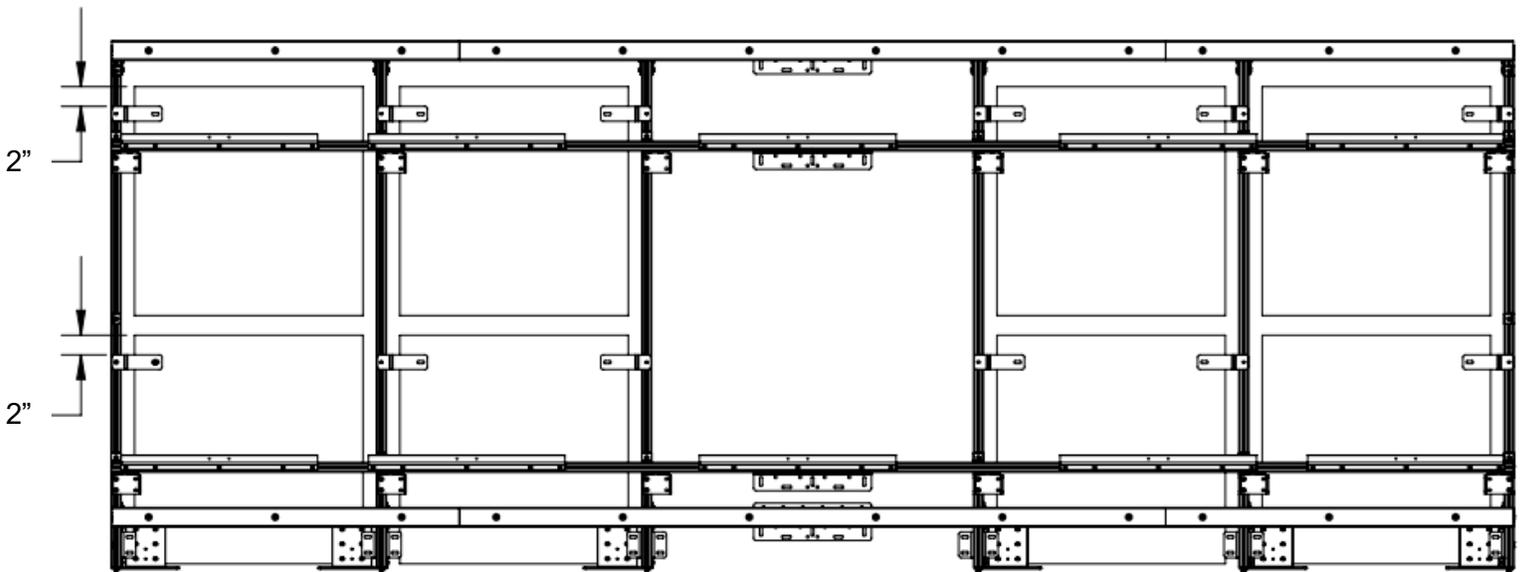
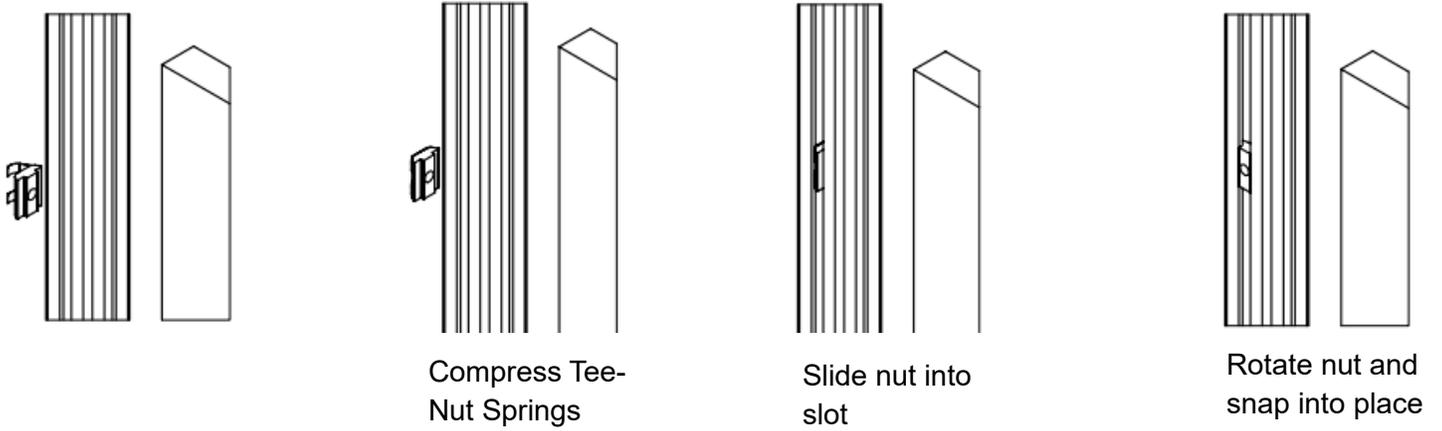
TIP: Before starting this step, have the laser level, lag screws, and tools available for Step 8.



Step 8. Align laser level with the top edge of the bottom track. Install lag screws into the blocking by pre-drilling 7/32" holes.

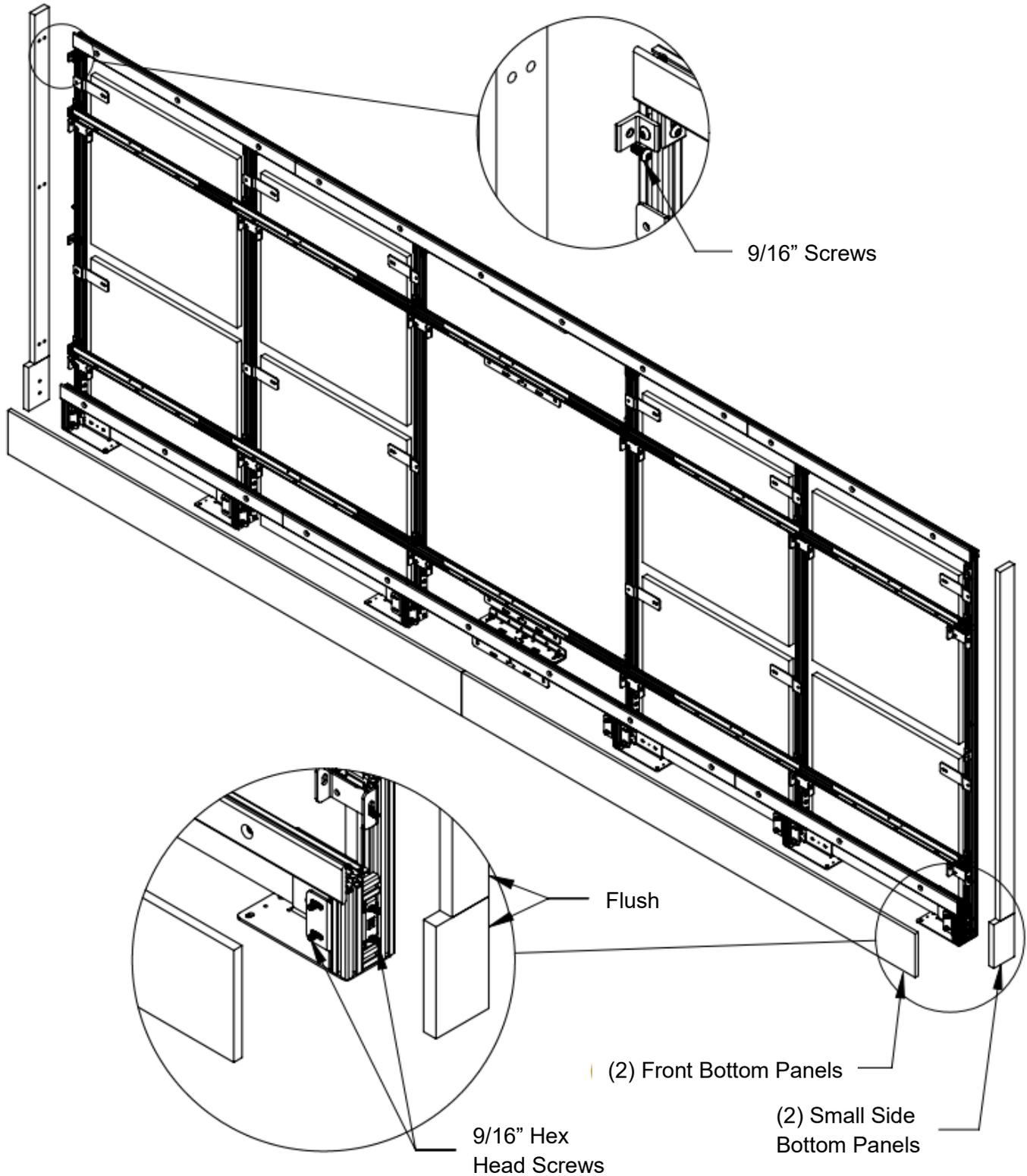


Step 9. Install the wall mounting brackets. Use tee spring nuts and roll them into the frames' channels as shown and attach the wall mounting brackets with 9/16" screws. Fix the frame assemblies to the wall by screwing through the wall mounting brackets and into the blocking.



Step 10. Attach bottom decorative panels and side decorative panels using noted hardware.

TIP: Initially hand tighten hardware to align panels to achieve proper panel fitment, then tighten.

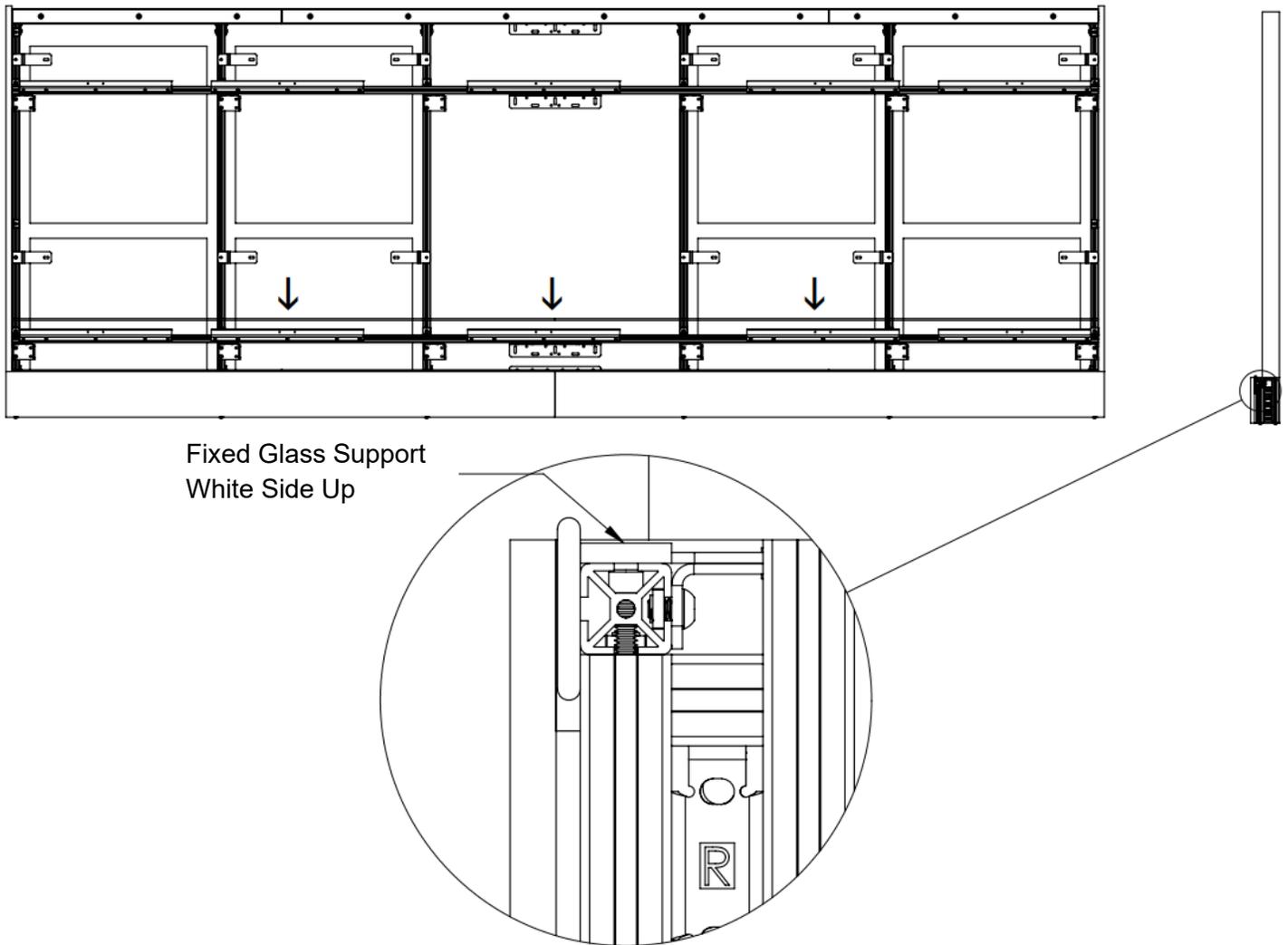


Step 11. Install the white 1"W x 1/4" thick fixed glass support panels using the factory applied tape to secure to the aluminum frame. Place the fixed glass support with no gap between the back of the track, with the white side up.

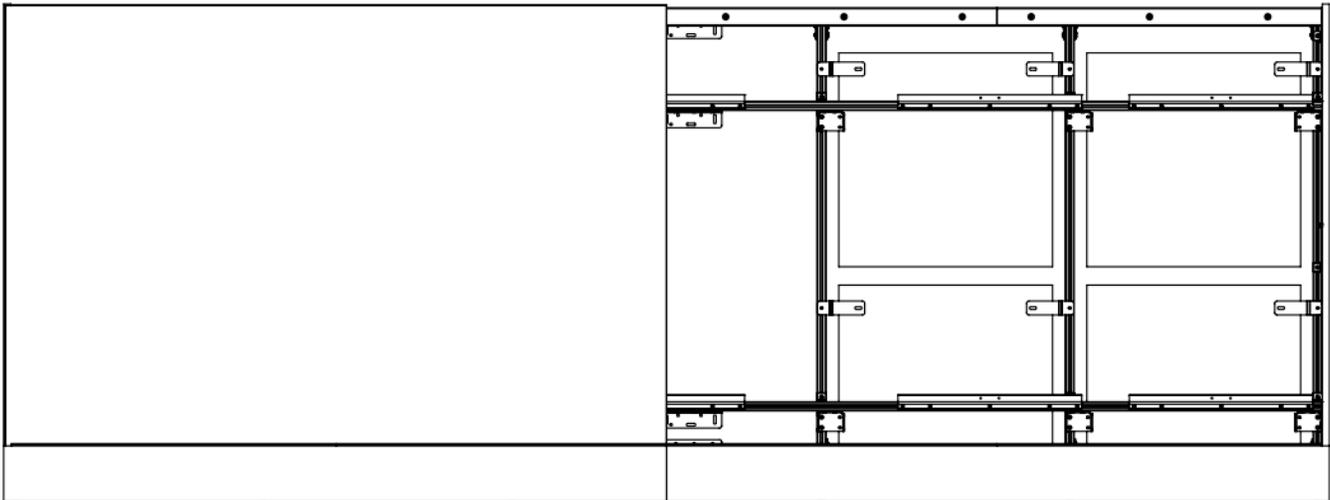
NOTE: The side bottom decorative panel is hidden for visual clarity.

TIPS:

- A.) Dust off the aluminum supports with a clean towel.
- B.) Butt the ends of the panels together, aligning at the center of the frame assembly.

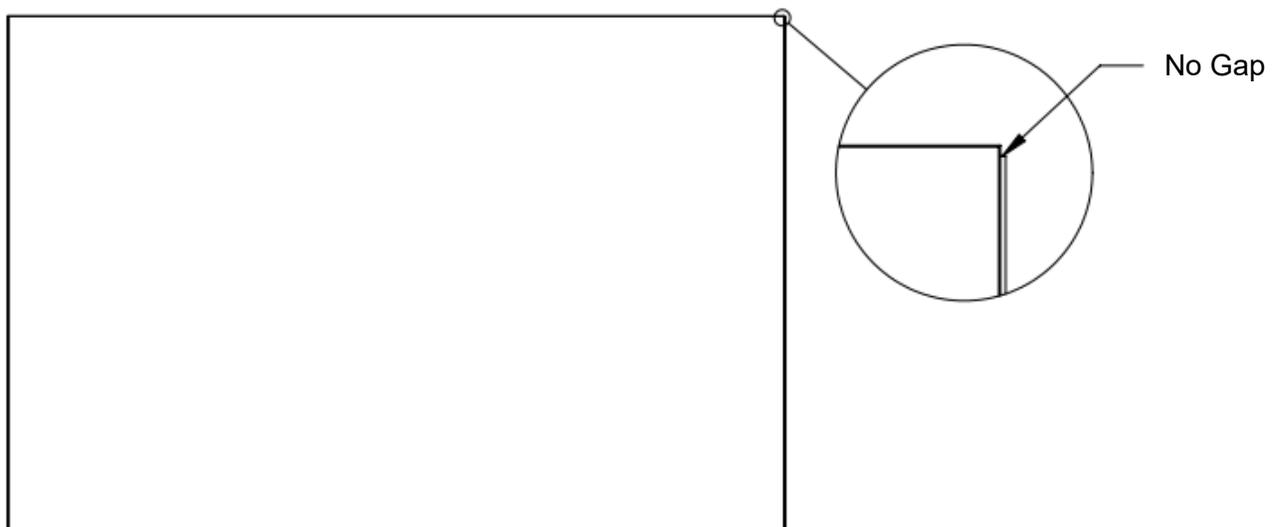
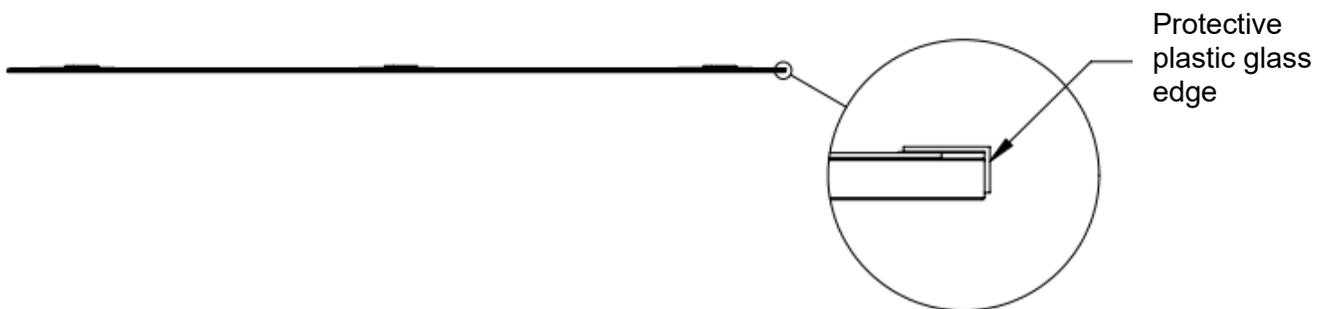


Step 12. Two (2) technicians are recommended for this step. Using suction cups, attach (1) fixed glass panel to the frame's French cleats.



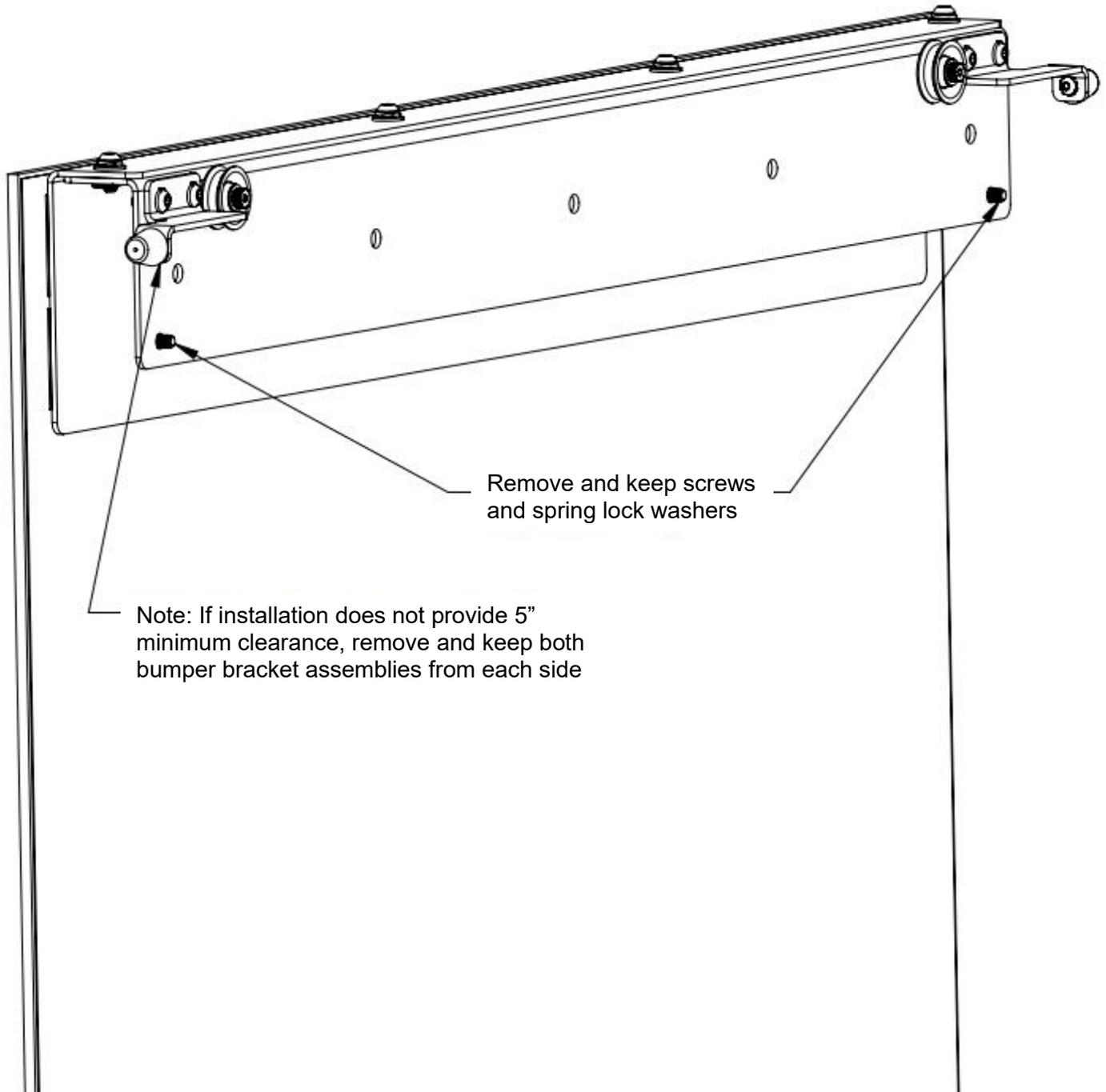
Step 13. Attach the protective plastic glass angle to the installed fixed glass by peeling the double-sided tape's exposed liner, then affix the tape to the back side of the glass.

TIP: Use a clean towel to wipe any residue off the back side and edge of the glass.

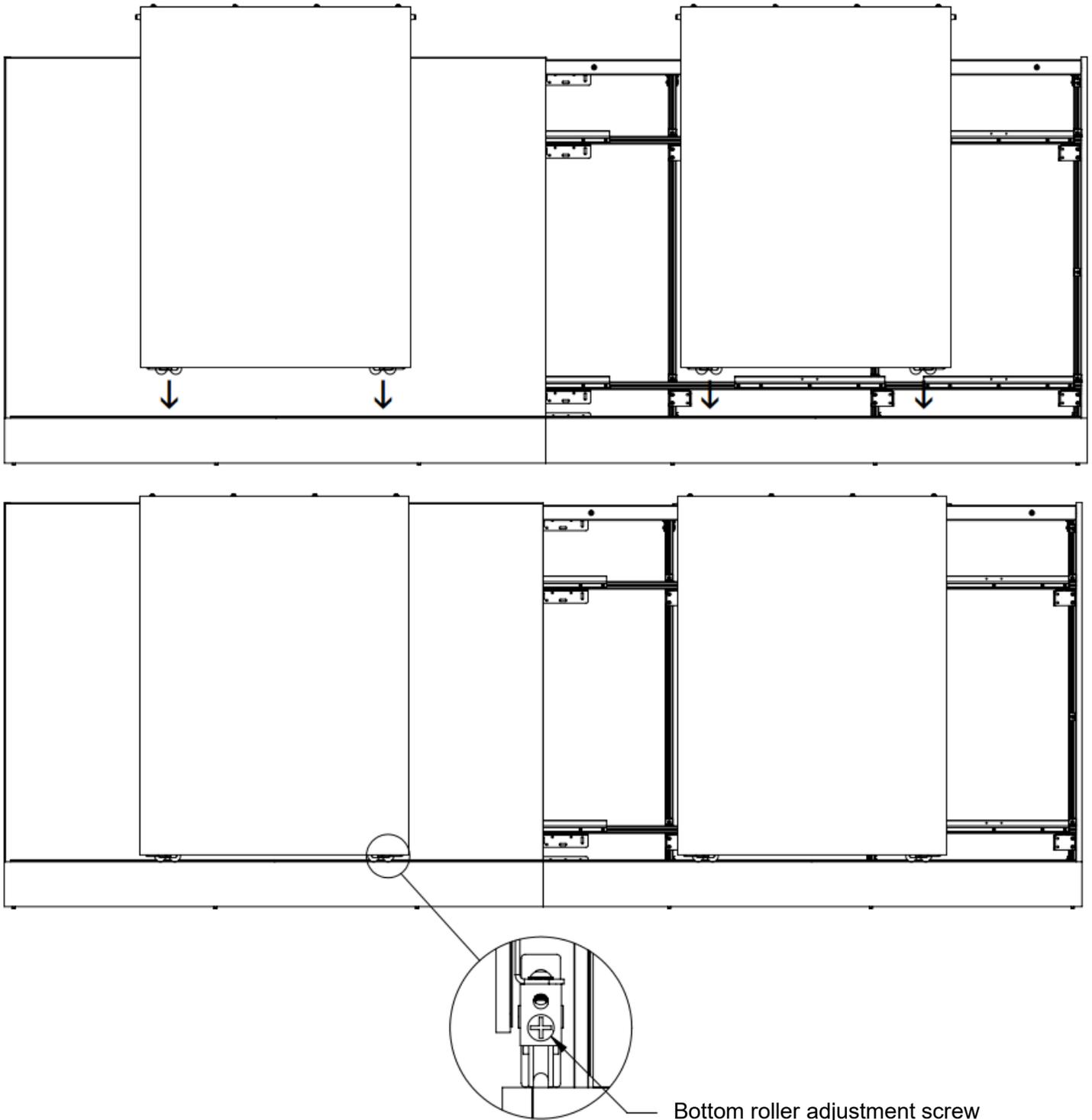


Step 14. Unpack the sliding panel assembly and place cardboard packing material on top of a sturdy work surface to protect glass from scratches. Then place slider assembly on the sturdy work surface with glass side down.

Remove **and keep** the two (2) retaining screws on the back side of the slider.

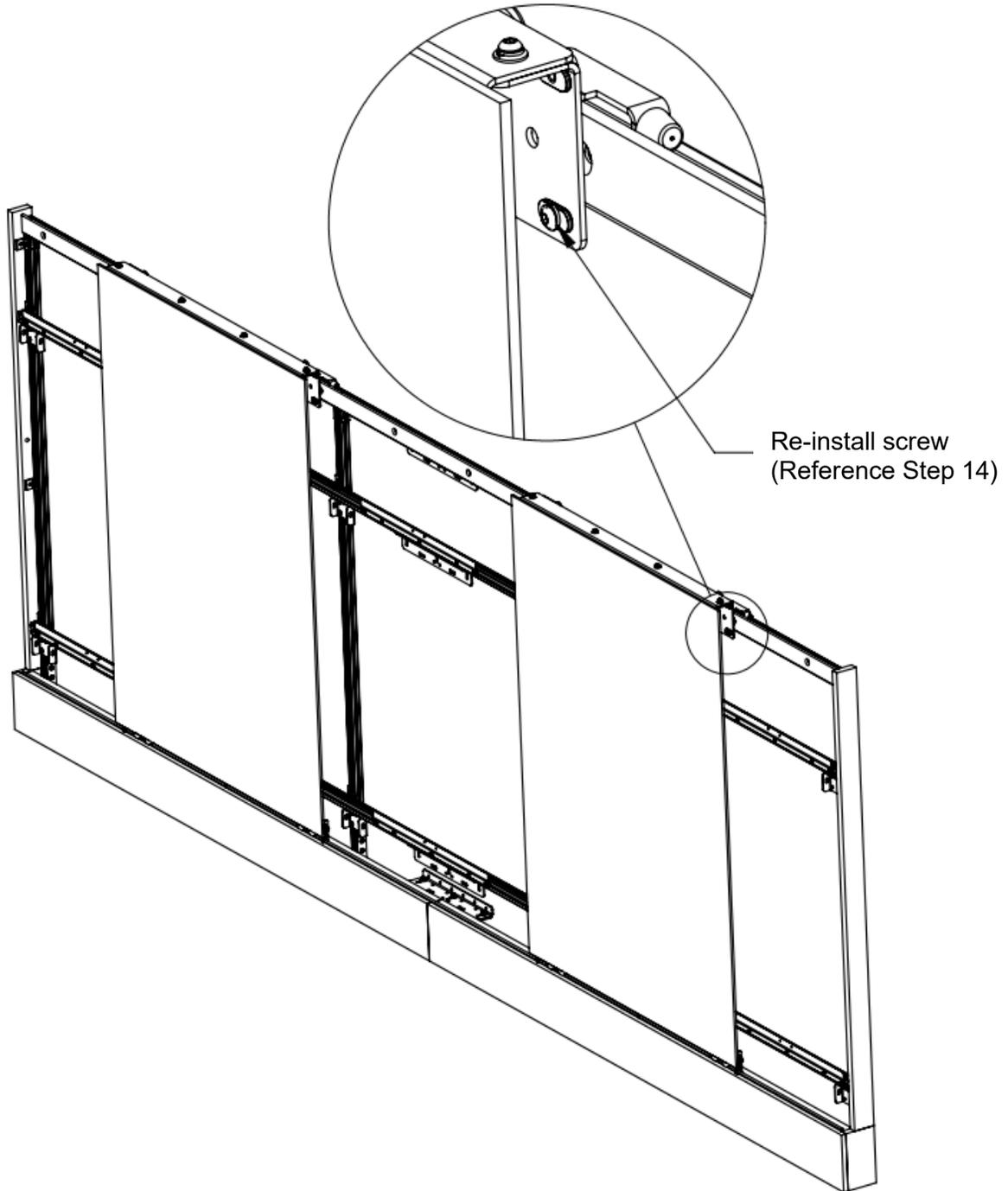


Step 15. Using suction cups, carefully lower the slider assembly/assemblies onto the top and bottom track as shown. It is recommended at this time to adjust the bottom rollers for smooth operations using a #2 Phillips head screwdriver. Adjust the bottom rollers **DOWN** by turning the adjusting screw **CLOCKWISE**. Do not over tighten, adjust until smooth and quiet operation is achieved.



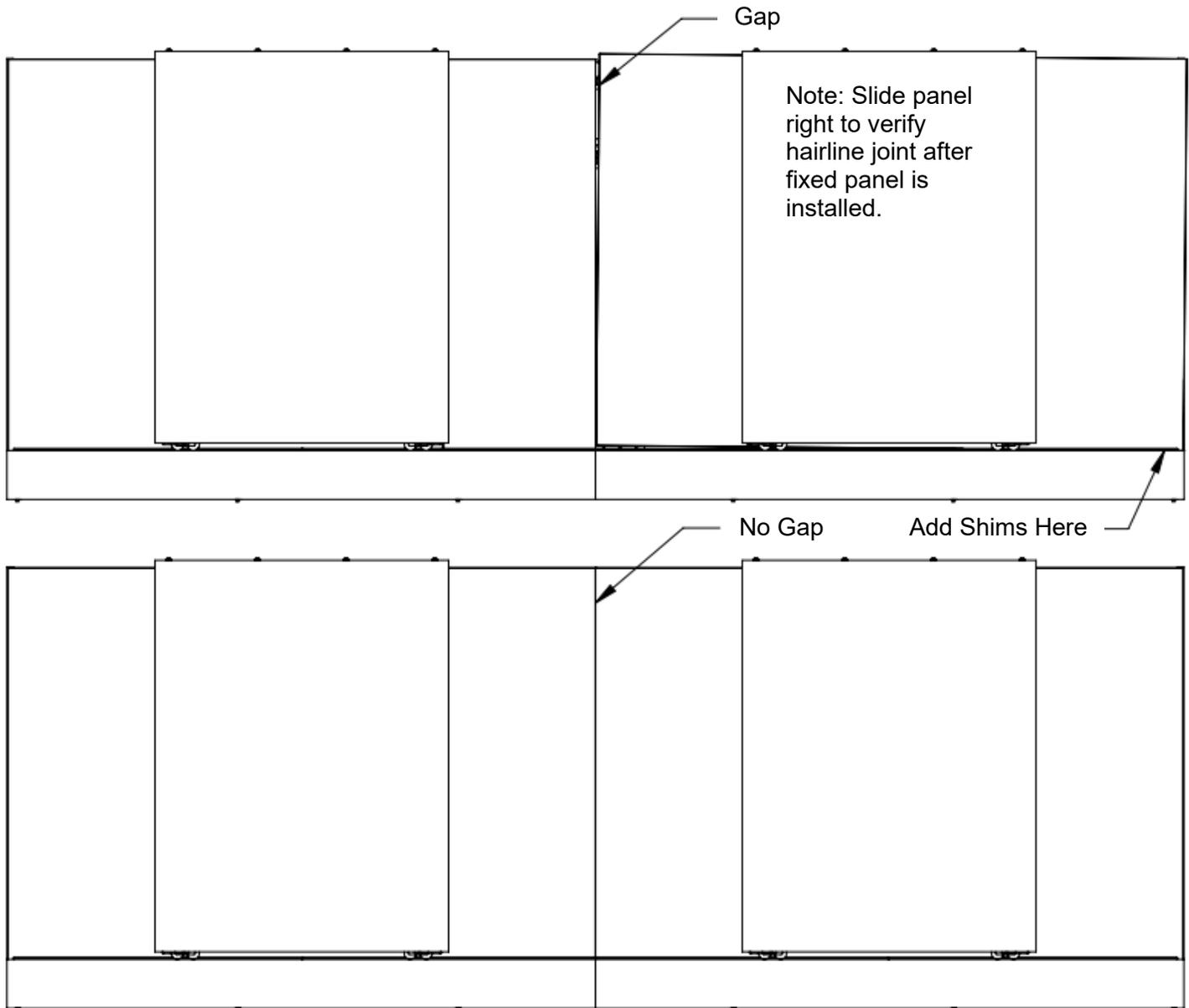
Step 16. Re-install the retaining screws that were removed in Step 15.

NOTE: The fixed glass panels are hidden for visual clarity.



Step 17. Two (2) technicians are recommended for this step. Using suction cups, attach the remaining fixed glass panel to the frame's French cleats and butt against the protective glass angle.

TIP: After attaching the fixed glass panels, use provided aluminum shims to create a hairline joint between the glass panels and protective plastic angle.



Step 18. Reinstall bumper brackets on sliders if removed in Step 14. Note: There is a different bracket for the left and right sides of the sliders.

Step 19. Install the provided accessory marker holder to either the sliding panel assembly or adjacent wall as directed by the customer. Refer to the instructions provided with the marker holder.

Step 20. Remove any production labels from glass.

Step 21. Recycle all packaging material in accordance with local regulations.

Groove Floor Sliding Glassboard / GRF (8' Wide)

Installation Instructions

NOTE: Immediately after delivery, carefully open carton(s) and inspect for concealed damage. Save carton(s) and packing material for future use. If concealed damage is found, notify the carrier immediately to request an inspection. Failure to report shipping damage in a timely manner will result in the denial of a damage claim. Return the product to the original packaging to protect it.

NOTE: Failure to follow the installation instructions will void warranty. Refer to <https://ghent.com/warranties> for additional details.

NOTE: This installation instruction applies to both 6'H x 8'W and 8'H x 8'W Groove Floor units. The 6'H x 8'W version is shown throughout with differences noted for the 8'H x 8'W versions.

NOTE: Two (2) technicians are required, estimate of 4 hours installation time. A third technician is required for installation of the sliding panel.

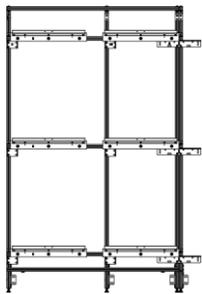
Required Supplies (NOT PROVIDED BY GHENT):

- Obtain wall anchors and screws appropriate for the wall construction
- Masking tape or similar (refer to Step 5)
- Loctite® Medium Strength Thread Locker if top rollers need to be removed (refer to Step 10)

Tools Needed:

- | | |
|---|---|
| <ul style="list-style-type: none"> - Laser Level - Level, 4'-6' - Tape Measure - Pencil - Step Ladder - Mallet - Suction Cups - Power Drill | <ul style="list-style-type: none"> - Drill Bit(s) sized for wall anchors - 7/16" Open End Wrench - 1/2" Open End Wrench (~10" Long & Thin Profile) - 1/8" Allen Wrench - 5/32" Allen Wrench (Provided) - 3/16" Allen Wrench (Provided) - #2 Phillips Screwdriver - Sawhorses or Sturdy Temporary Work Surface |
|---|---|

Packaging Contents:



(1)

Left Frame Assembly



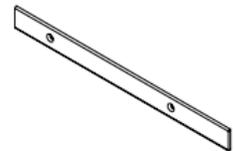
(1)

Right Frame Assembly



(2)

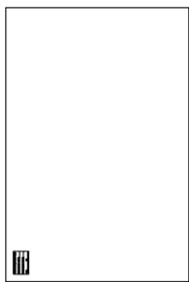
71-7/8" Long Track



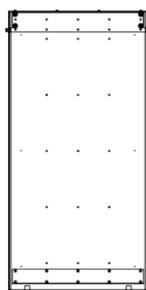
(2)

22-3/4" Long Track

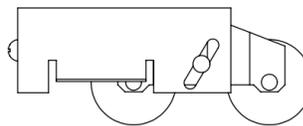
Packaging Contents (Cont'd.):



(2)
Magnetic Glass
Panels



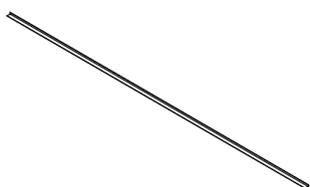
(1)
Magnetic Slider Panel



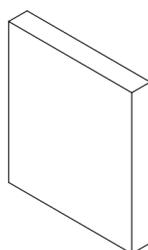
(2)
Bottom Roller Assembly
With Hardware



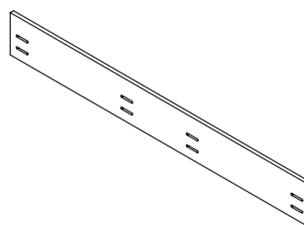
(2)
White Fixed Glass
Support Panels



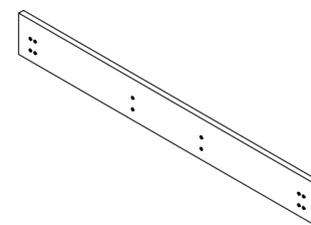
(1)
Plastic Glass Protective
Angle With Tape



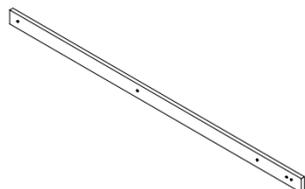
(2)
Small Bottom Side
Decorative Panels



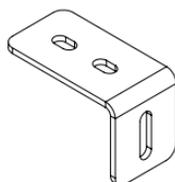
(2)
Bottom Decorative
Spacer Panels



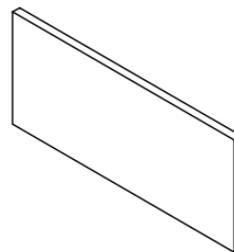
(2)
Bottom Decorative
Panels



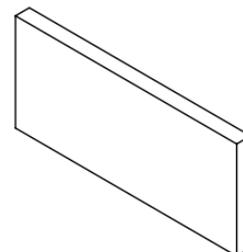
(2)
Side Decorative
Vertical Panels



(12) 6'H
(16) 8'H
Wall Mounting Brackets



(6)
Thin Aluminum Glass
Shims



(6)
Thick Aluminum Glass
Shims

Bag Hardware A1:



(15)
1/4"-20 Tee Nut



(15)
1/4" Spring Lock
Washer



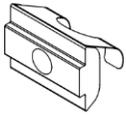
(15)
1/4"-20x7/16" Button
Head Cap Screw



(1)
5/32" Allen
Wrench

Packaging Contents (Cont'd.):

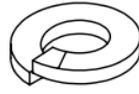
Bag Hardware C1:



(25)
1/4"-20 Tee
Spring Nut



(25)
1/4"-20x7/16"
Button Head
Cap Screw



(25)
1/4" Spring
Lock Washer



(50)
Slotted Fender
Washer



(1)
5/32" Allen
Wrench

BAG-GRF-CAB-TR1:



(18)
1/4"-20 Tee
Nut



(18)
1/4"-20x1/2"
Flat Head
Cap Screw



(18)
1/4"-20x9/16"
Button Head
Cap Screw



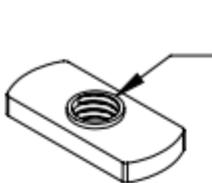
(16)
1/4"-20x1-1/2"
Button Head
Cap Screw



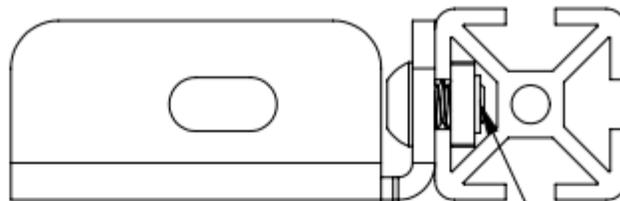
(1)
5/32" Allen
Wrench

NOTE: Extra/spare fasteners are provided.

Proper orientation of tee nuts:



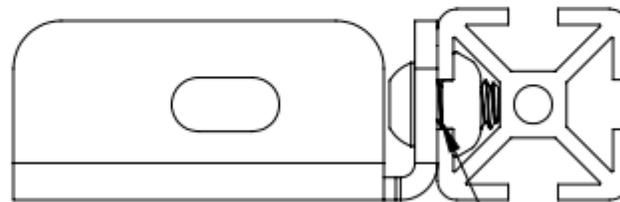
Note:
Tee nut
barrel



Note: Tee nut
barrel oriented
as shown



Note: Rib on
tee spring nut



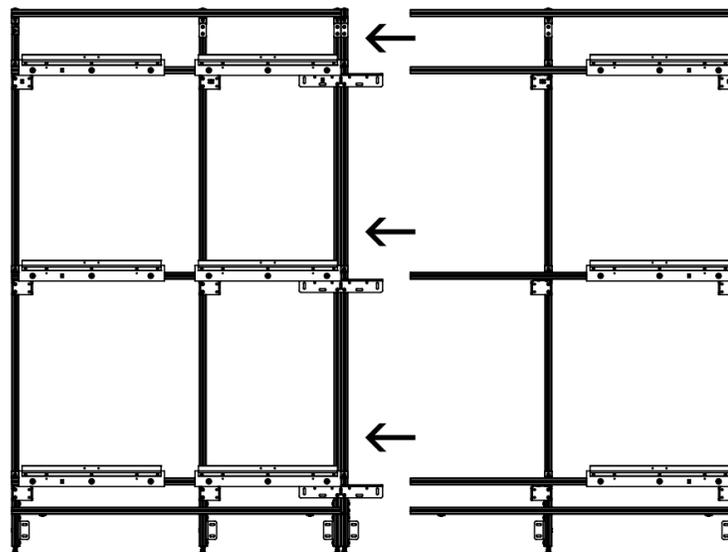
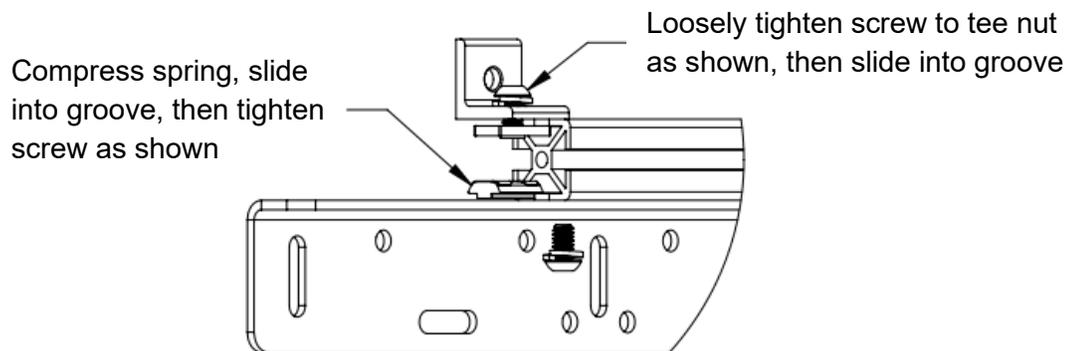
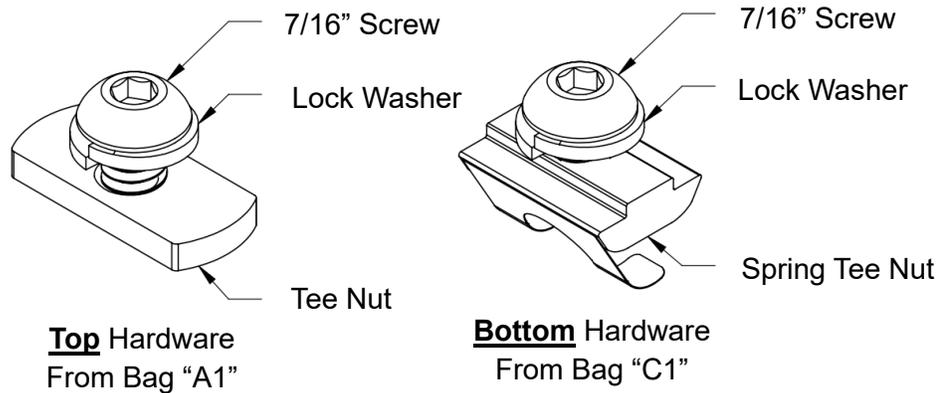
Note: Rib
orientation
(compress leaf
spring and roll
nut into groove)

Instructions:

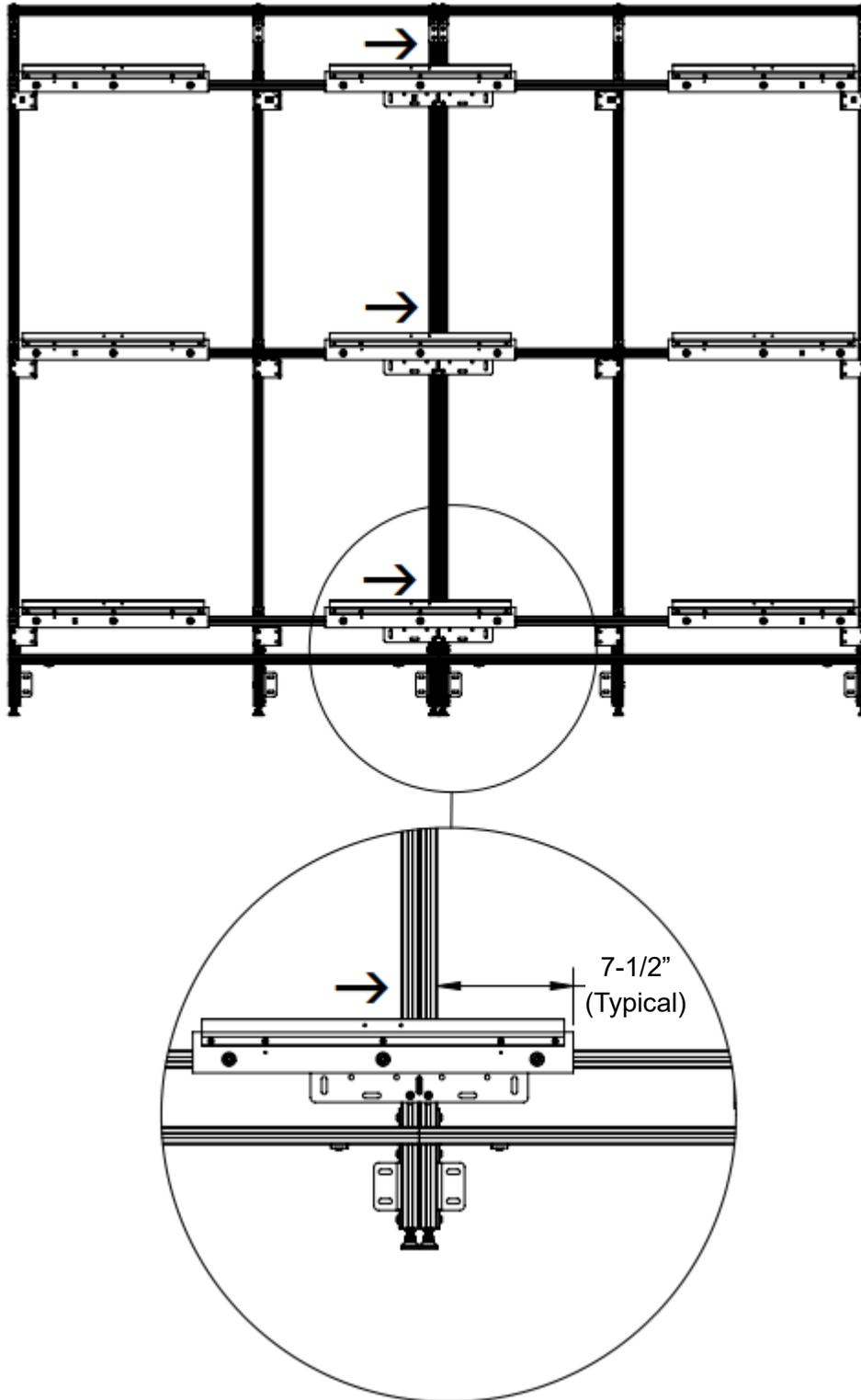
Step 1. Connect left and right frame assemblies together as shown. Bottom hardware goes in holes underneath joints, and top hardware goes in holes above joints.

TIPS:

- A.) Loosely install “Top” and “Bottom” hardware
- B.) Slide Right Frame onto Left Frame
- C.) Install 1/4"-20 spring nut into grooves, slide nut to align with mounting holes, hand tighten with 1/4"-20x7/16 BHCS
- D.) Tighten all hardware.



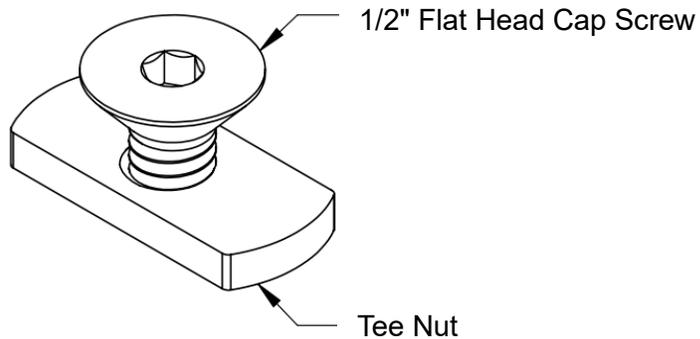
Step 2. Slightly loosen and slide middle fixed glass cleat brackets to dimensions shown on the vertical support as shown. Re-tighten hardware.



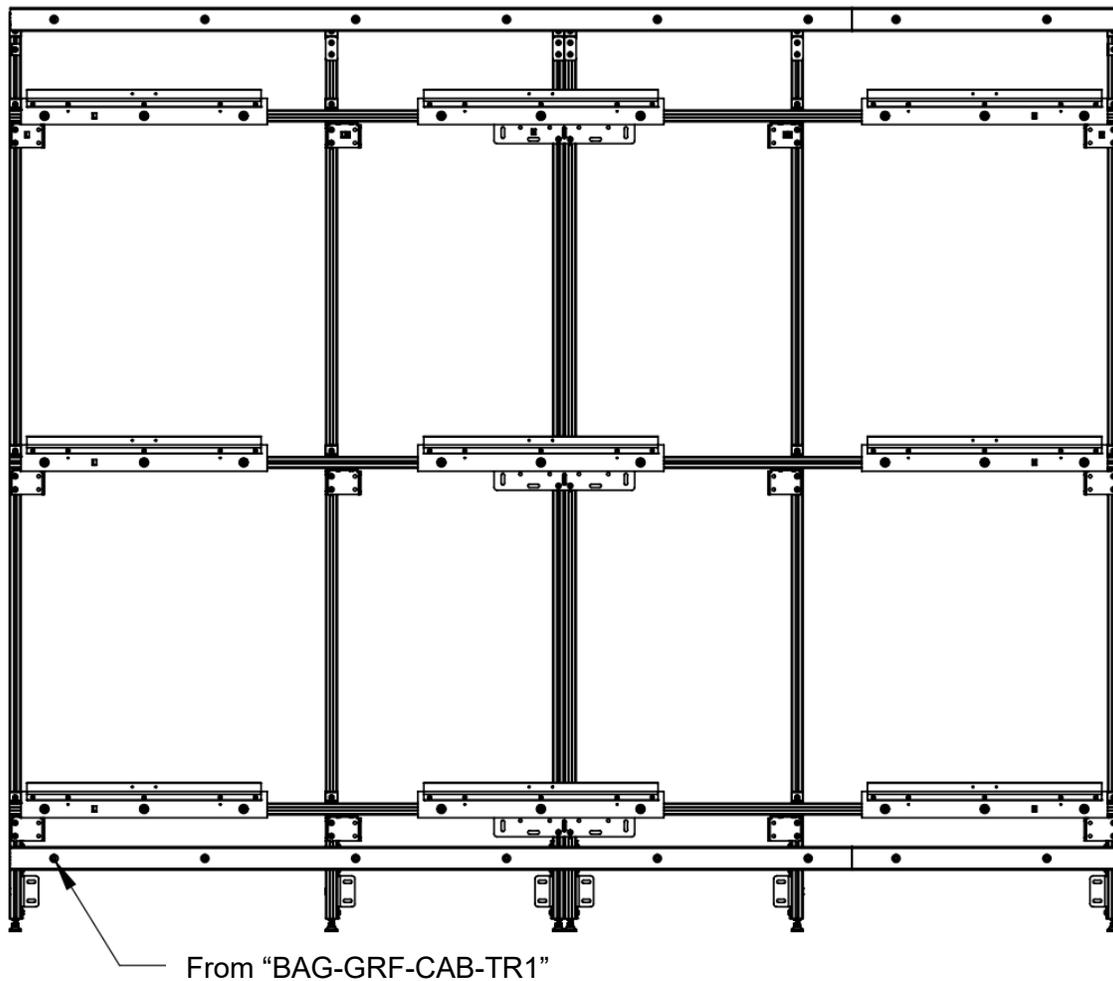
Step 3. Install top & bottom track. Tighten hardware & check squareness.

TIPS:

- A.) Ensure the short sections of track have the hole that is closer to the edge at the track joint.
- B.) Slide track sections onto frame, equal space on each end.
- C.) Hold track joints together and tighten screws immediately to the left & right of the track joint. Tighten remaining track screws starting at the joint proceeding to the end of each track section.



Hardware From
"BAG-GRF-CAB-TR1"

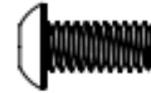


Step 4. Attach bottom decorative spacers and bottom panels using noted hardware.

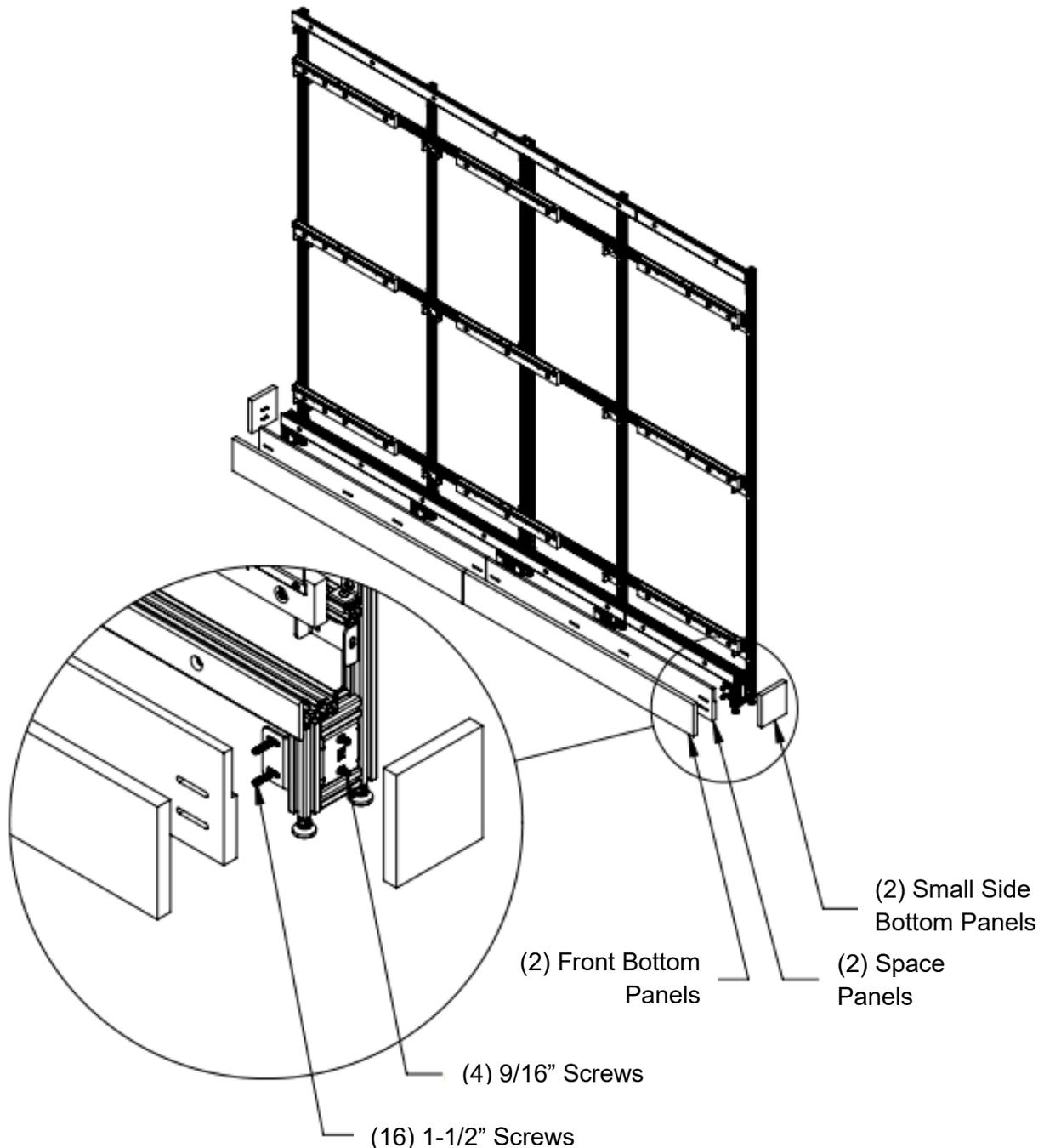
TIP: Initially hand tighten hardware to align panels to achieve proper panel fitment, then tighten.



1-1/2" Screw Actual Size



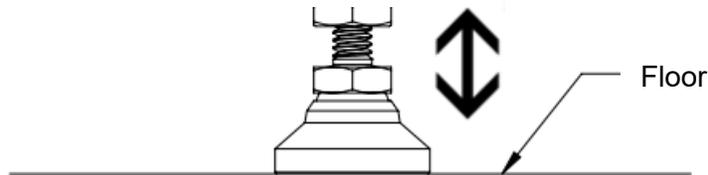
9/16" Screw Actual Size



Step 5. Place assembled frame unit in the desired location against the wall. **Do NOT attach frame assembly to the wall at this time.**

NOTE: Locate wall studs. It is best practice to attach wall mounting brackets to studs. If possible, shift the unit to attach to a stud. If studs are not available, use the appropriate wall anchors (not supplied by Ghent).

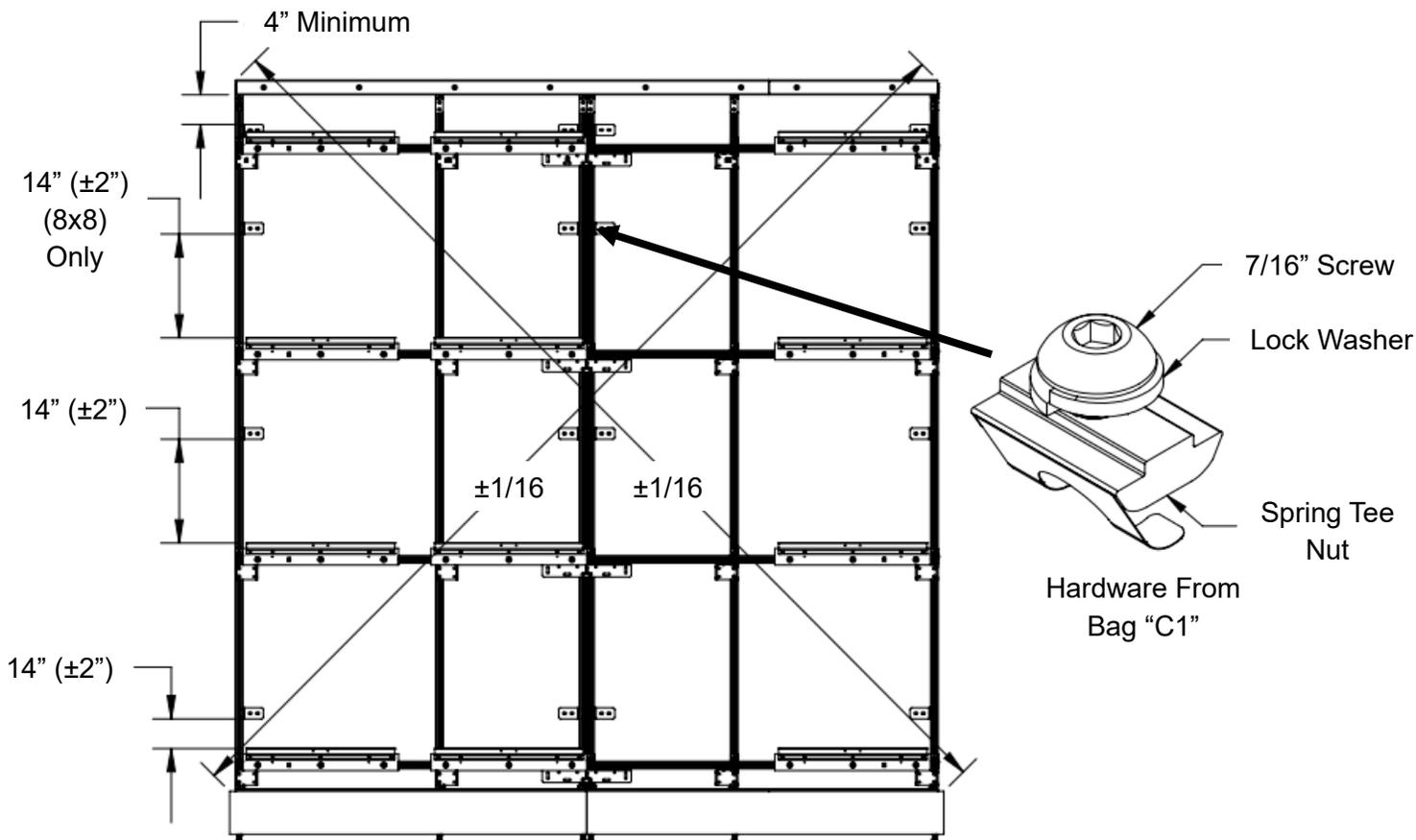
NOTE: Using a laser or 4'+ level, perform all foot adjustments to level the top and bottom tracks both horizontally and vertically ($\pm 1/16$ "). Mark feet locations by applying masking tape to the floor.



Step 6. Attach wall mounting brackets positioned as shown below using the spring tee nuts, referencing the masking tape applied in Step 5. **REMINDER:** Attach to studs when possible.

TIPS:

- A.) Before and after attaching to the wall, check squareness. Horizontal and vertical ($\pm 1/16$ "), adjust feet and wall mounting brackets
- B.) If needed, insert slotted fender washers between wall and wall attachment bracket

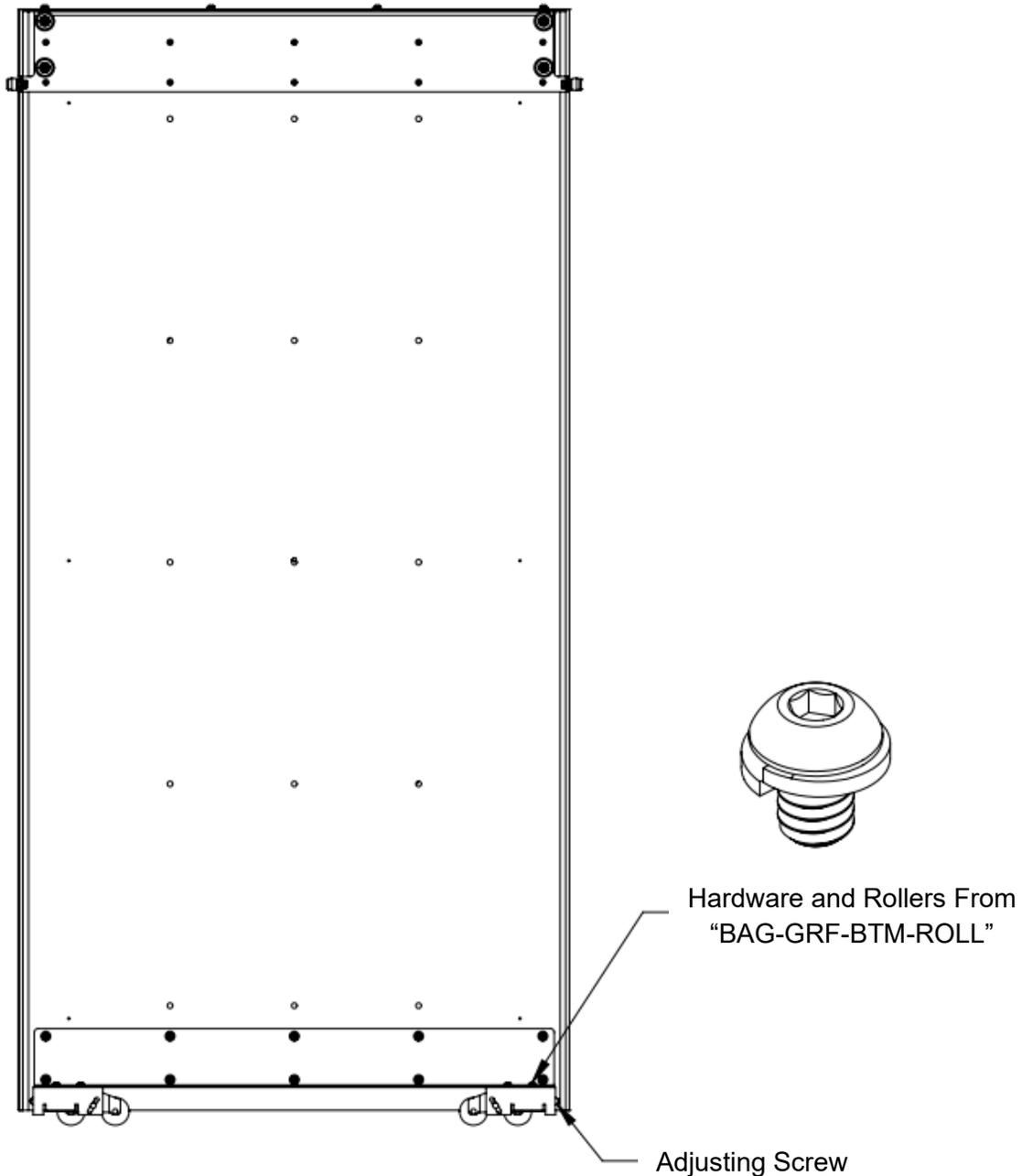


Note: 8x8 Version Shown

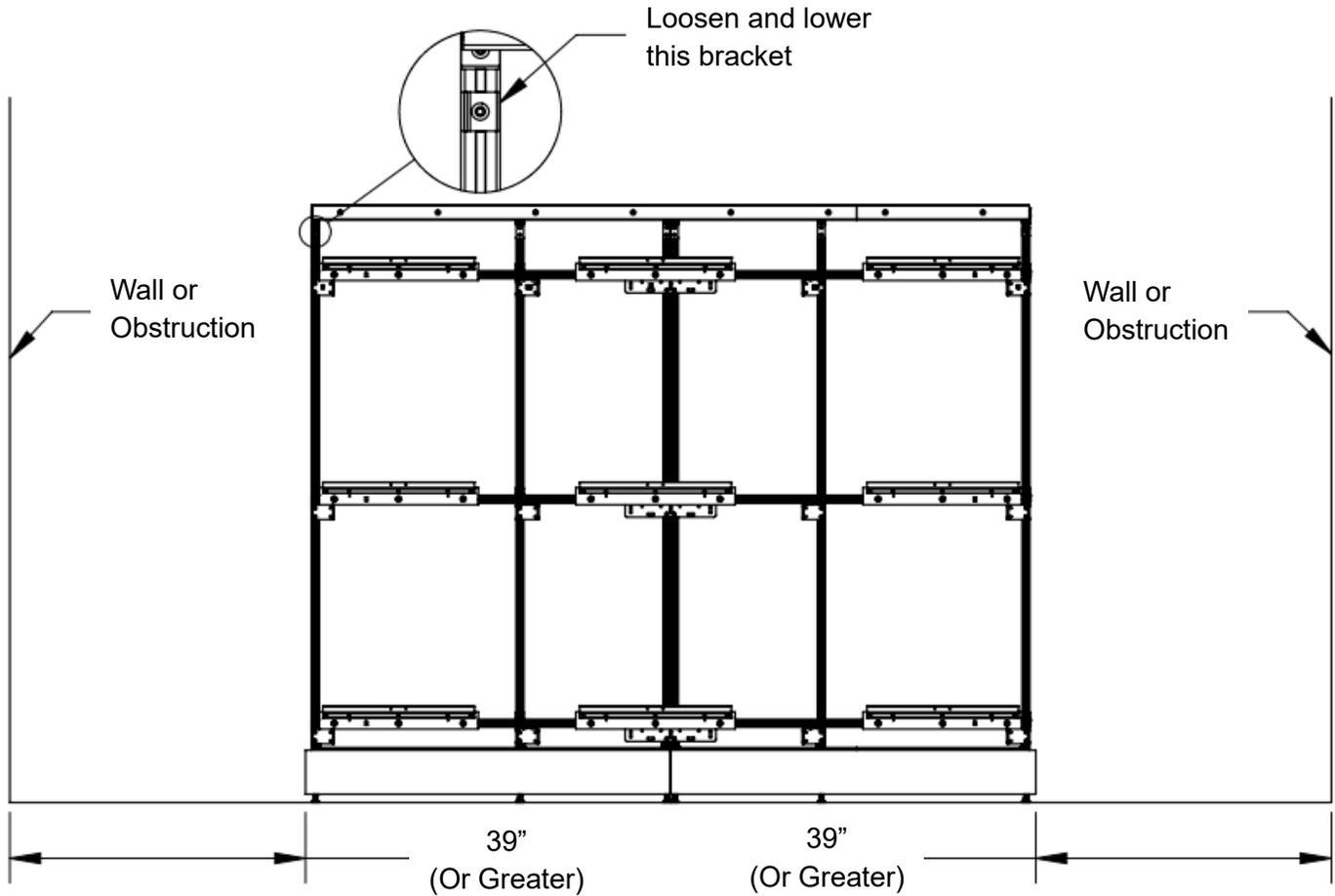
Step 7. Unpack the sliding panel assembly and place on a sturdy work surface with glass side down.

Install bottom rollers onto sliding panel using the provided 1/4"-20x3/8" BHCS with 1/4"-20 spring lock washer. Tighten (2) screws per bottom roller.

TIP: To assist with installation of the panel assembly, adjust the bottom rollers to provide the minimum roller projection. Turn the adjusting screw counterclockwise and push the rollers into the enclosure.



Step 8. If 39" (3'-3") of clear unobstructed space **IS** provided on either the **LEFT** or **RIGHT** side, loosen and lower one (1) angled bracket as shown to provide proper clearance to install the sliding panel. If 39" of clear space is **NOT** provided, proceed to Step 10.



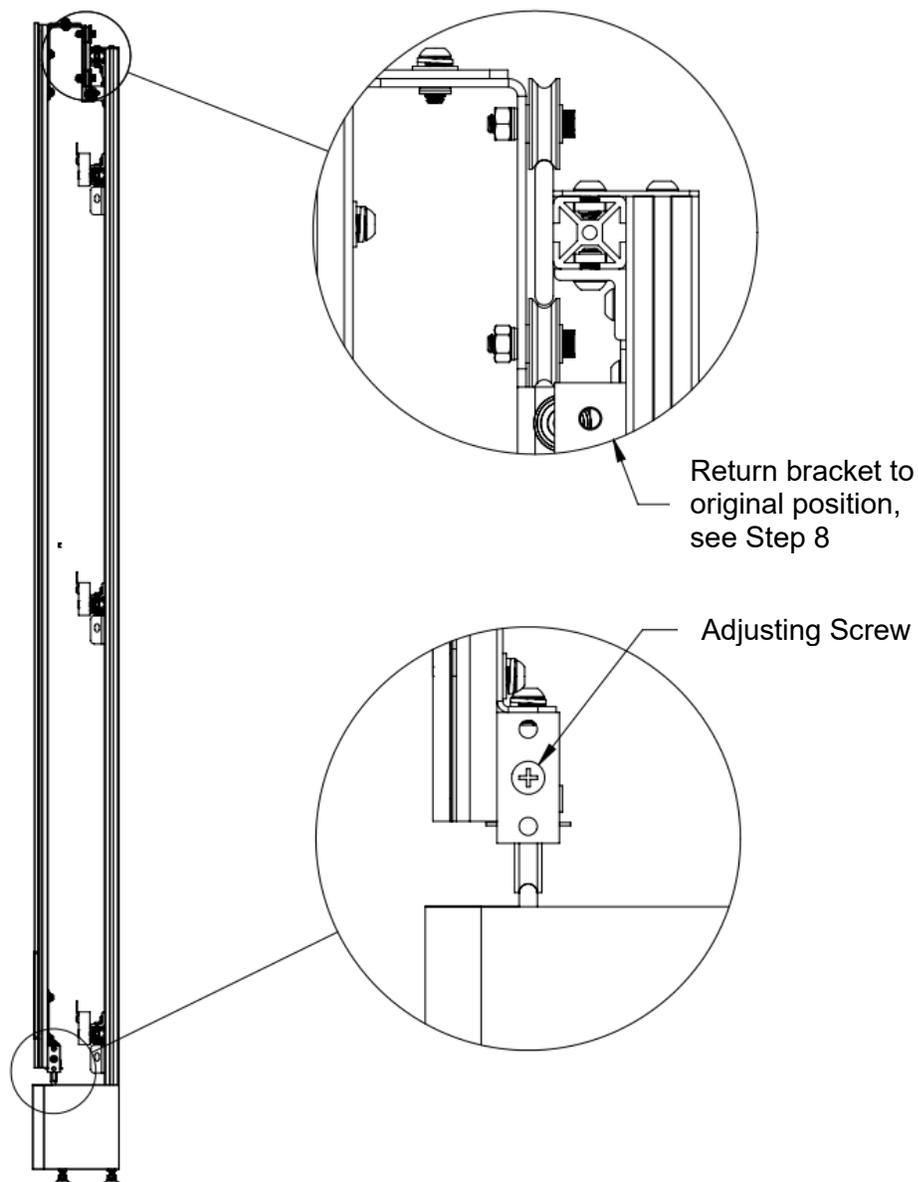
Step 9. Three (3) technicians are recommended **AND** 39" of clear, unobstructed space on either side.

Using glass suction cups and two (2) technicians, position the **TOP** rollers on the **TOP** track from either the **LEFT** or **RIGHT** side.

The Third technicians will align the **BOTTOM** rollers with the **BOTTOM** track. It is recommended at this time to adjust the bottom rollers for smooth operations using a #2 Phillips head screwdriver. Adjust the bottom rollers **DOWN** by turning the adjusting screw **CLOCKWISE**. Do not over tighten, adjust until smooth and quiet operation is achieved.

Return the angle bracket loosened in Step 8 to its original position.

Proceed to Step 11.



Step 10. This step is only required when LESS than 39" of clear, unobstructed space is available on either side. Three (3) technicians are recommended for this step.

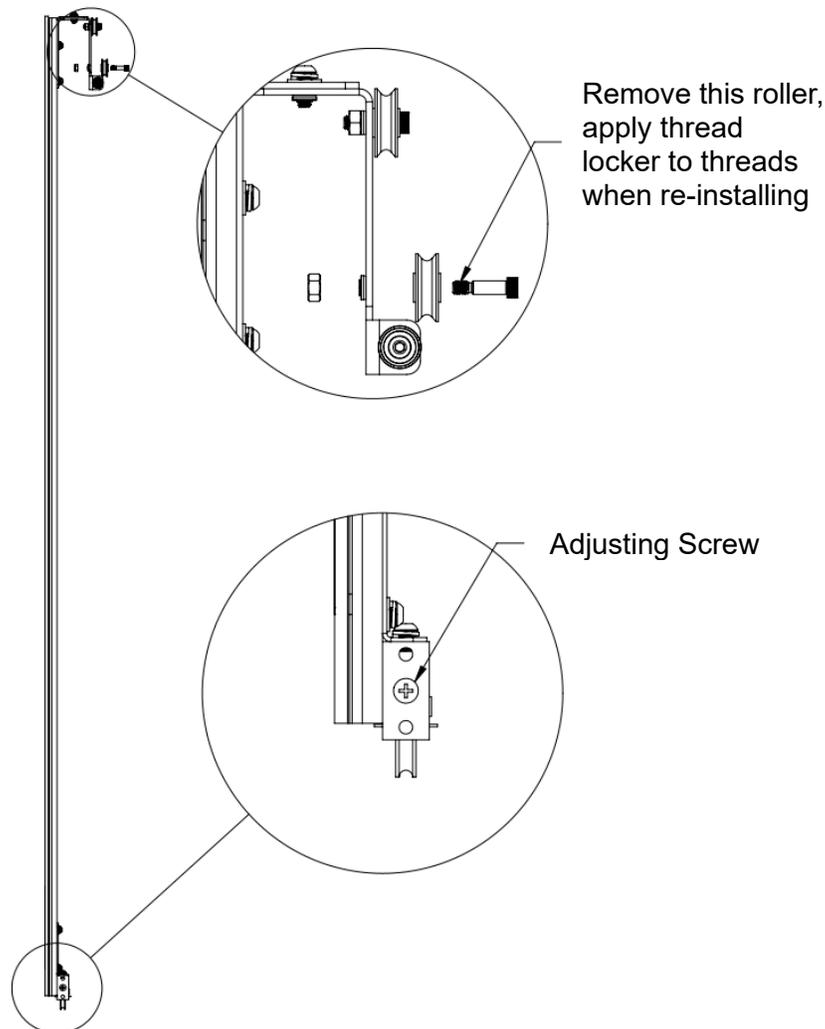
Remove **BOTTOM** two (2) rollers from the **TOP** of the sliding panel, keep all parts. Use a cloth or brass brush to remove thread locking residue from the threads.

Using glass suction cups and two (2) technicians, lift the slider to position the **TOP** rollers on the **TOP** track.

The third technicians will align the **BOTTOM** rollers with the **BOTTOM** track. Adjust the bottom rollers **DOWN** by turning the adjusting screw **CLOCKWISE** to ensure the sliding panel is resting on **BOTH** the top and bottom tracks.

Reinstall the removed **TOP** rollers. It is recommended to apply medium strength blue Loctite® thread locker (or equivalent) to the shoulder screws' threads. After the shoulder screw is installed and tightened, apply thread locker and tighten lock nut using a 1/8" Allen wrench to hold the shoulder screw stationary.

Adjust the bottom rollers turning the adjusting screw until smooth and quiet operation is obtained. Do not over tighten.

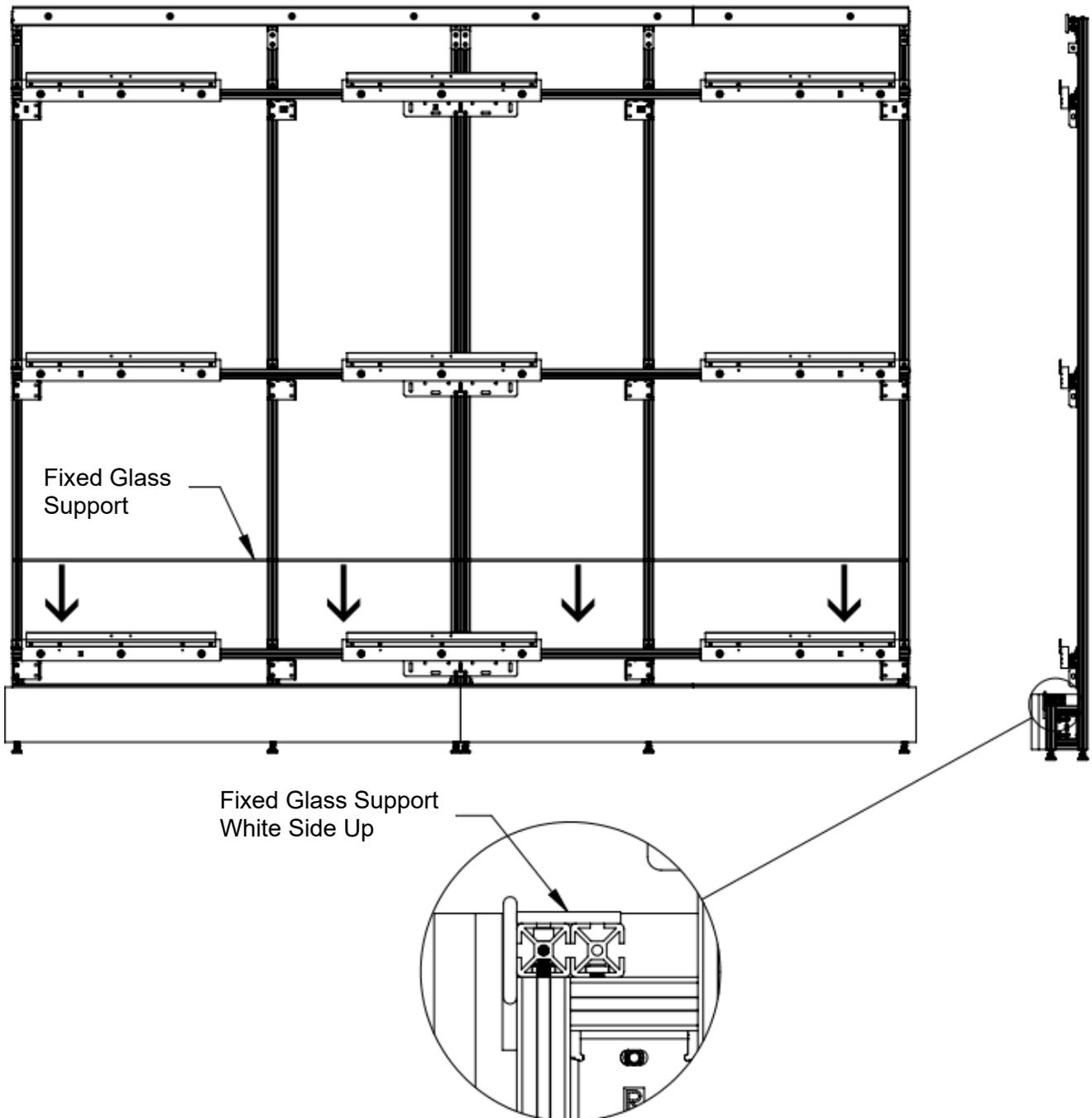


Step 11. Install the white 1-15/16"W x 1/4" thick fixed glass support panels using the factory applied tape to secure to the aluminum frame. Place the fixed glass support with no gap between the back of the track, with the white side up.

NOTE: The slider is hidden for visual clarity.

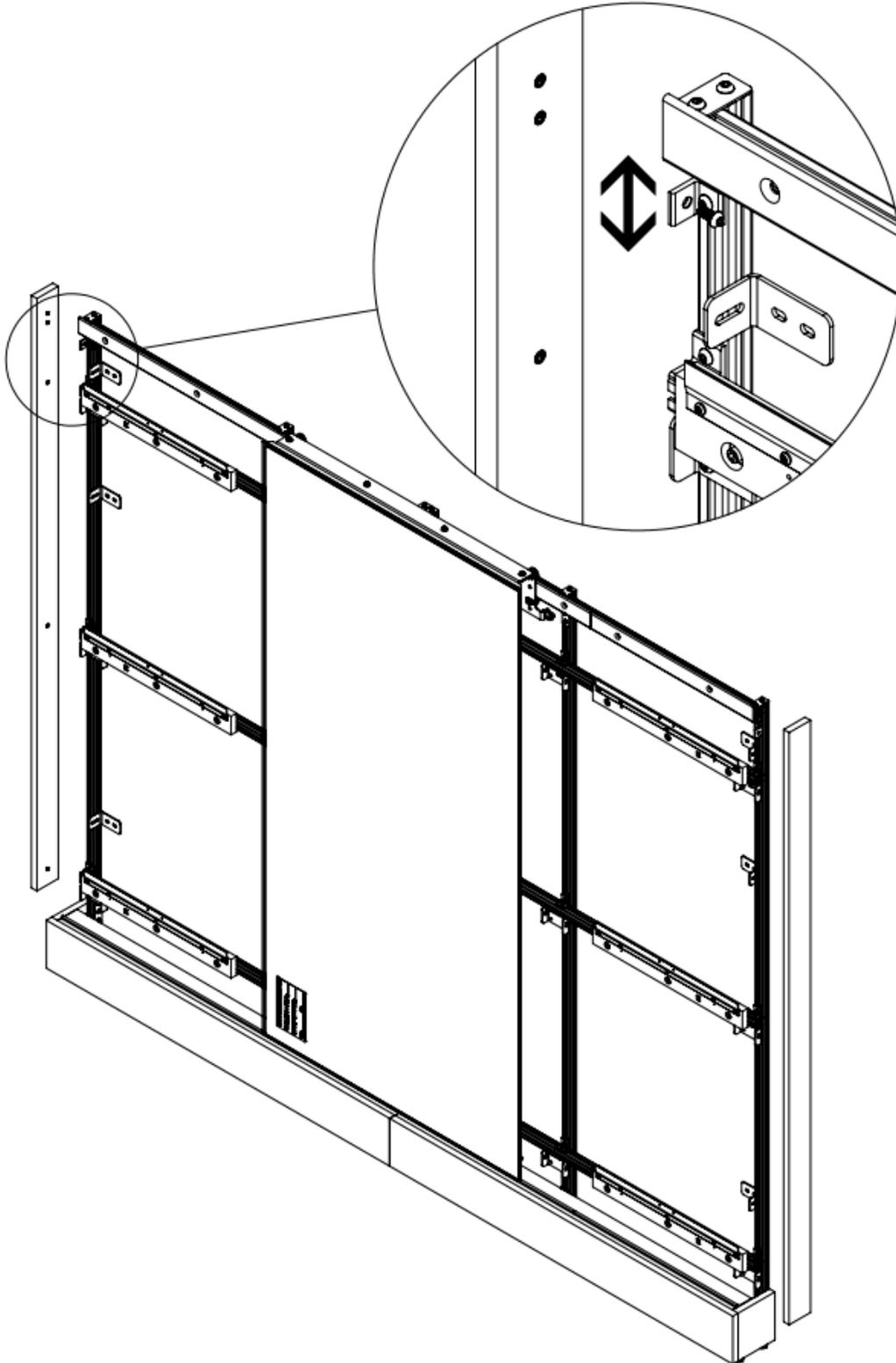
TIPS:

- A.) Dust off the aluminum supports with a clean towel.
- B.) B.) Butt the ends of the panels together, aligning at the center of the frame assembly.

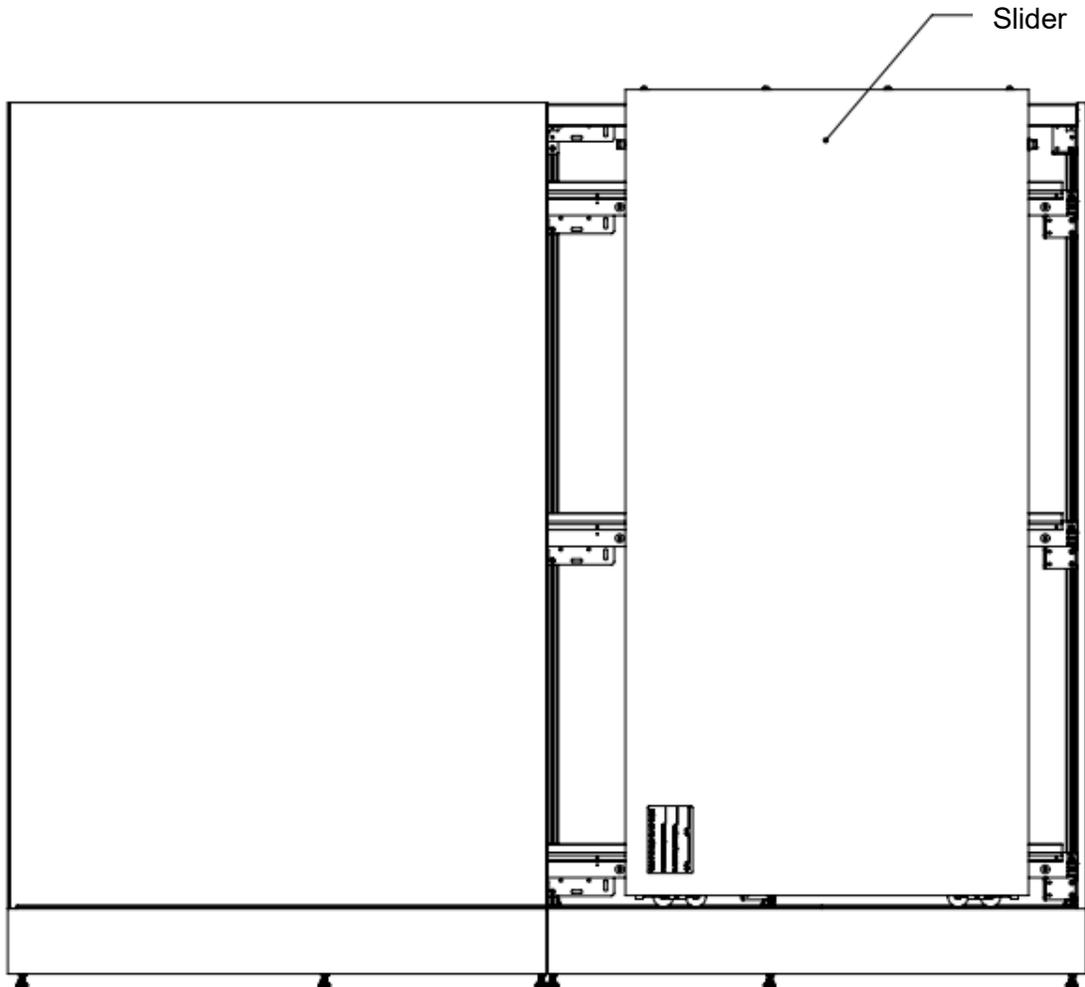


Step 12. Install the vertical side HPL panels using the provided 9/16" screws.

TIP: Re-adjustment of the top bracket may be required to ensure a tight hairline joint with the bottom side panel(s).

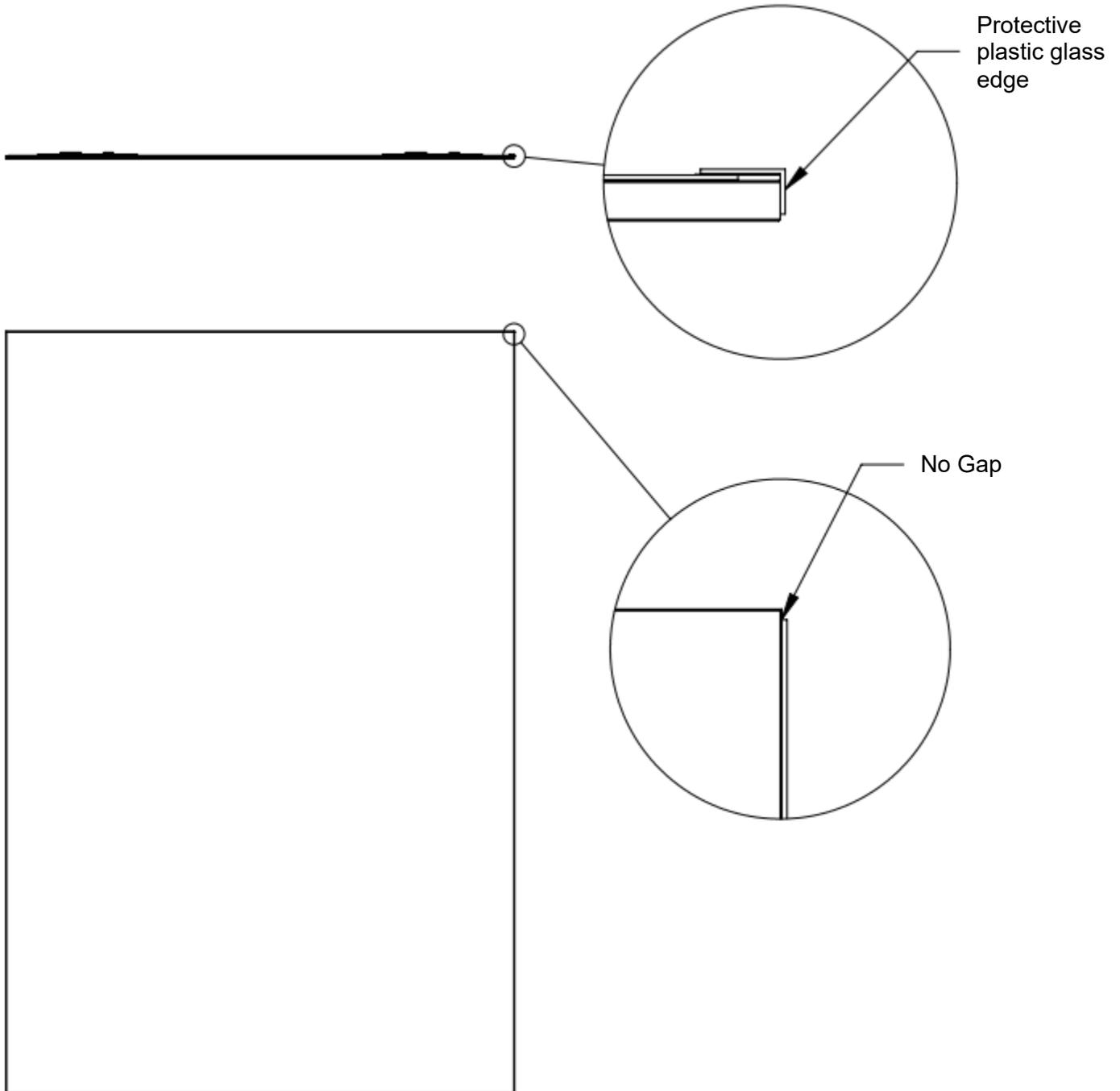


Step 13. Two (2) technicians are recommended for this step. Using suction cups, attach (1) fixed glass panel to the frame's French cleats.



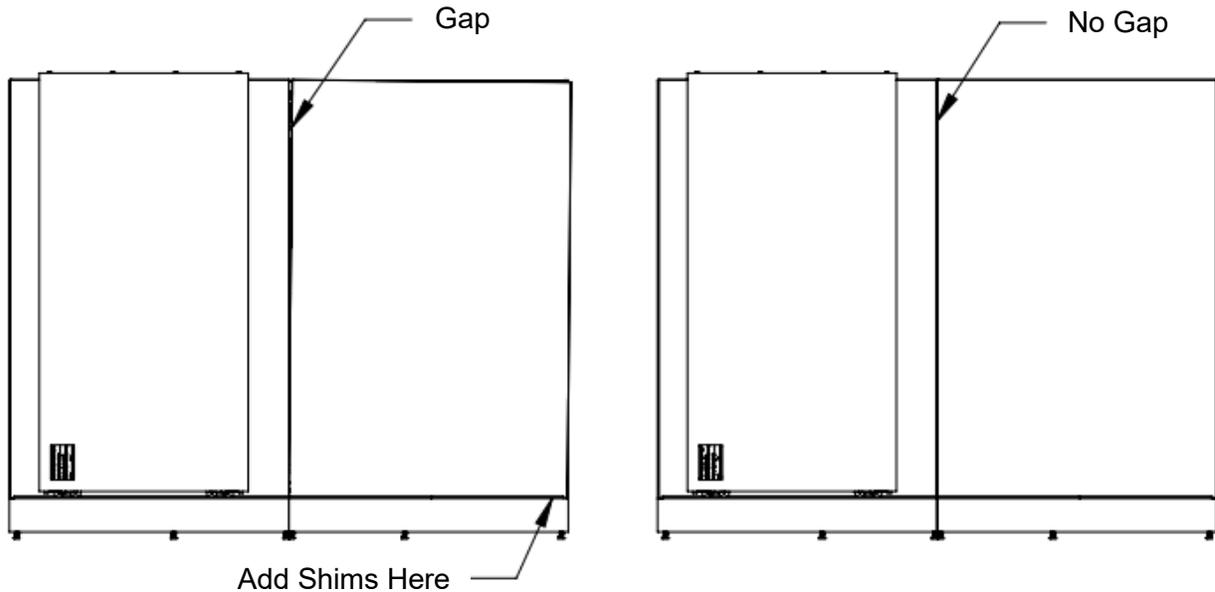
Step 14. Attach the protective plastic glass angle to the installed fixed glass by peeling the double-sided tape's exposed liner, then affix the tape to the back side of the glass.

TIP: Use a clean towel to wipe any residue off the back side and edge of the glass.



Step 15. Two (2) technicians are recommended for this step. Using suction cups, attach the remaining fixed glass panel(s) to the frame's French cleats and butt against the protective glass angle.

TIP: After attaching the fixed glass panels, use provided aluminum shims to create a hairline joint between the glass panels and protective plastic angle.



Step 16. Install the provided accessory marker holder to either the sliding panel assembly or adjacent wall as directed by the customer. Refer to the instructions provided with the marker holder.

Step 17. Remove any production labels from glass.

Step 18. Recycle all packaging material in accordance with local regulations.

Groove Floor Sliding Glassboard / GRF (12' Wide)

Installation Instructions

NOTE: Immediately after delivery, carefully open carton(s) and inspect for concealed damage. Save carton(s) and packing material for future use. If concealed damage is found, notify the carrier immediately to request an inspection. Failure to report shipping damage in a timely manner will result in the denial of a damage claim. Return the product to the original packaging to protect it.

NOTE: Failure to follow the installation instructions will void warranty. Refer to <https://ghent.com/warranties> for additional details.

NOTE: This installation instruction applies to both 6'H x 12'W and 8'H x 12'W Groove Floor units. The 6'H x 12'W version is shown throughout the instructions.

NOTE: Two (2) technicians are required, estimate of 5 hours installation time. A third technician is required for installation of the sliding panel.

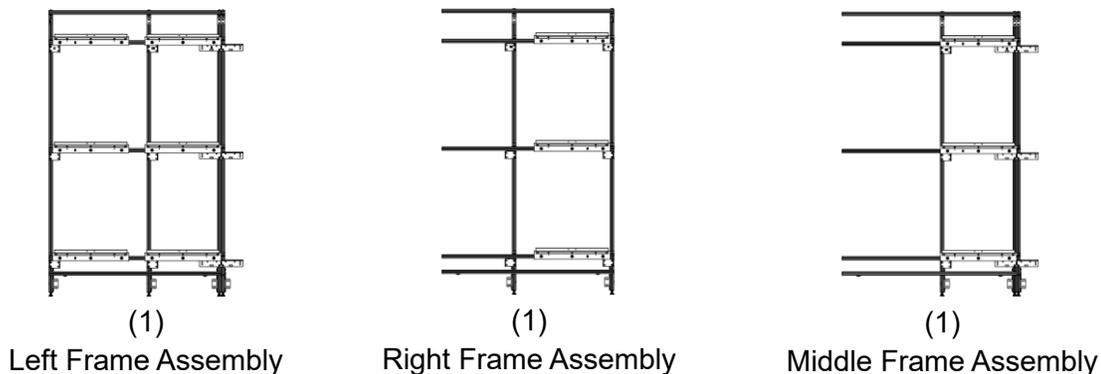
Required Supplies (NOT PROVIDED BY GHENT):

- Obtain wall anchors and screws appropriate for the wall construction
- Masking tape or similar (refer to Step 5)
- Loctite® Medium Strength Thread Locker if top rollers need to be removed (refer to Step 10)

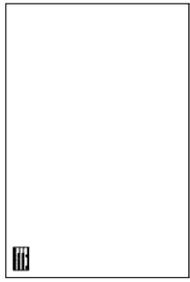
Tools Needed:

- | | |
|---|---|
| <ul style="list-style-type: none"> - Laser Level - Level, 4'-6' - Tape Measure - Pencil - Step Ladder - Mallet - Suction Cups - Power Drill | <ul style="list-style-type: none"> - Drill Bit(s) sized for wall anchors - 7/16" Open End Wrench - 1/2" Open End Wrench (~10" Long & Thin Profile) - 1/8" Allen Wrench - 5/32" Allen Wrench (Provided) - 3/16" Allen Wrench (Provided) - #2 Phillips Screwdriver - Sawhorses or Sturdy Temporary Work Surface |
|---|---|

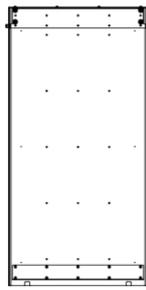
Packaging Contents:



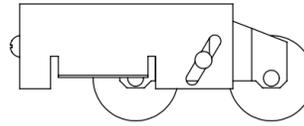
Packaging Contents (Cont'd.):



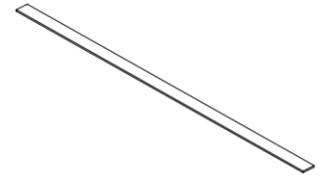
(3)
Magnetic Glass
Panels



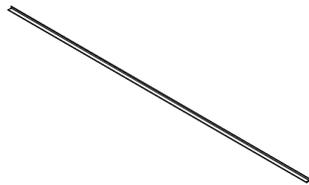
(1)
Magnetic Slider Panel



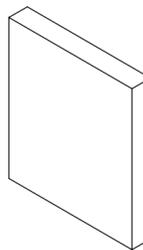
(2)
Bottom Roller Assembly
With Hardware



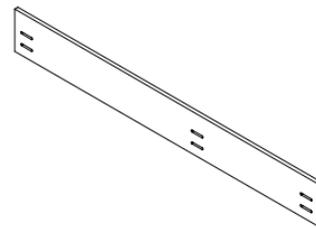
(2)
White Fixed Glass
Support Panels



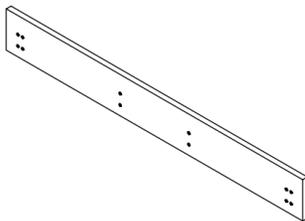
(2)
Plastic Glass Protective
Angle With Tape



(2)
Small Bottom Side
Decorative Panels



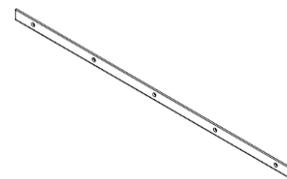
(2)
Bottom Decorative
Spacer Panels



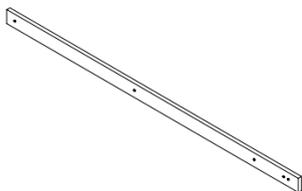
(2)
Bottom Decorative
Panels



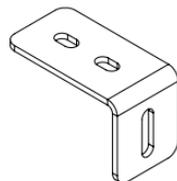
(2)
71-7/8" Long Track



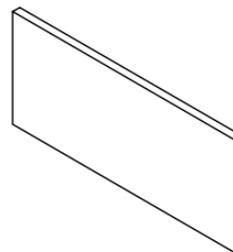
(4)
35-3/8" Long Track



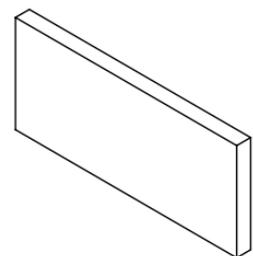
(2)
Side Decorative
Vertical Panels



(15) 6'H
(20) 8'H
Wall Mounting Brackets



(9)
Thin Aluminum Glass
Shims



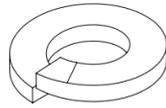
(9)
Thick Aluminum Glass
Shims

Packaging Contents (Cont'd.):

Bag Hardware A2:



(30)
1/4"-20 Tee Nut



(30)
1/4" Spring
Lock Washer

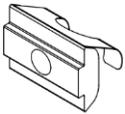


(30)
1/4"-20x7/16" Button
Head Cap Screw



(1)
5/32" Allen
Wrench

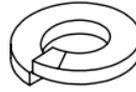
Bag Hardware C2:



(50)
1/4"-20 Tee
Spring Nut



(50)
1/4"-20x7/16"
Button Head
Cap Screw



(50)
1/4" Spring
Lock Washer



(75)
Slotted Fender
Washer



(1)
5/32" Allen
Wrench

BAG-GRF-CAB-TR2:



(32)
1/4"-20 Tee Nut



(32)
1/4"-20x1/2"
Flat Head
Cap Screw



(18)
1/4"-20x9/16"
Button Head
Cap Screw



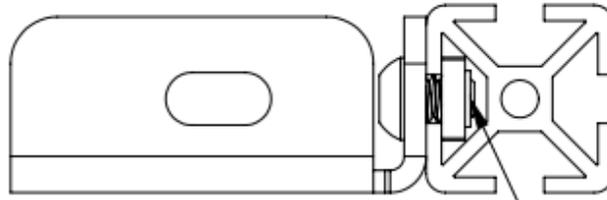
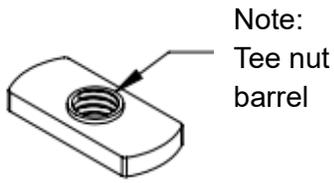
(32)
1/4"-20x1-1/4"
Button Head
Cap Screw



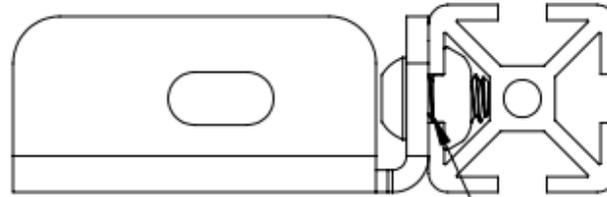
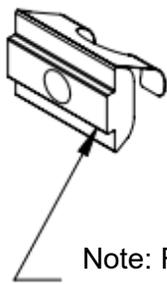
(1)
5/32" Allen
Wrench

NOTE: Extra/spare fasteners are provided.

Proper orientation of tee nuts:



Note: Tee nut
barrel oriented
as shown



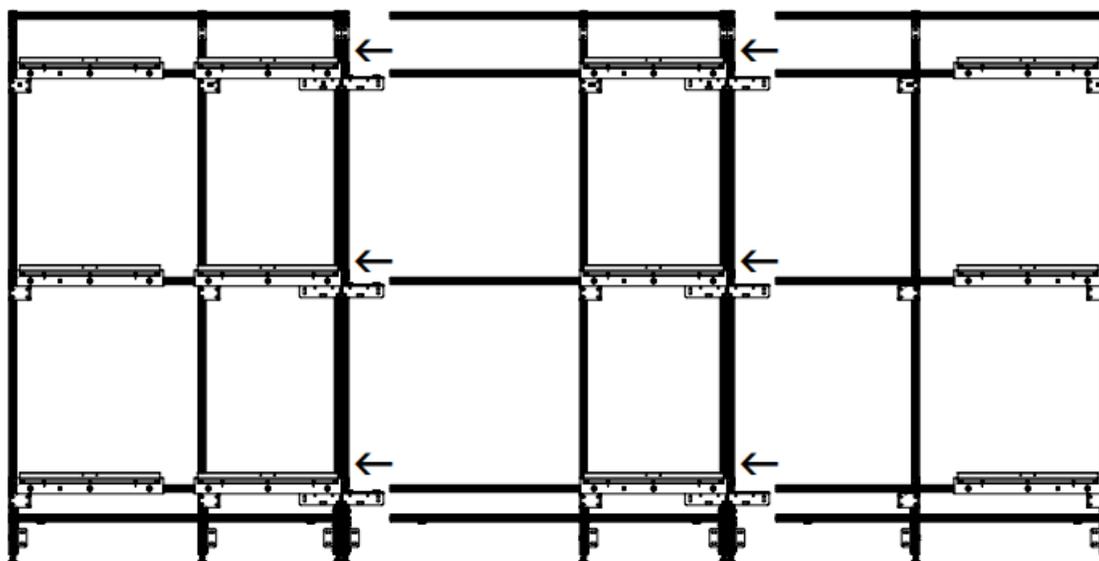
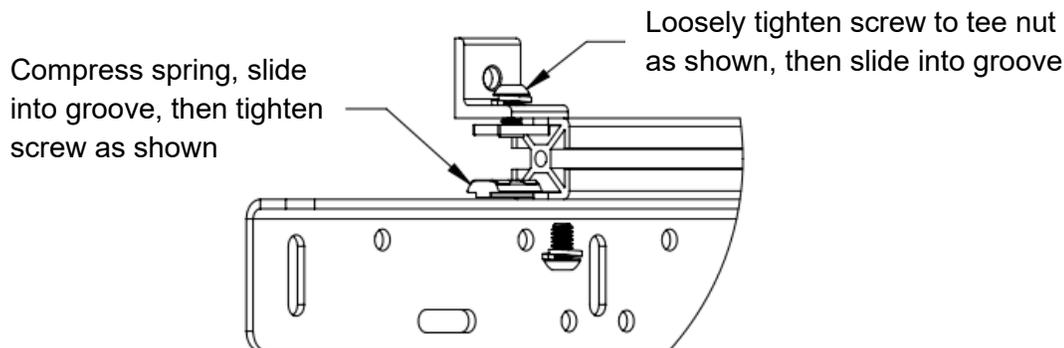
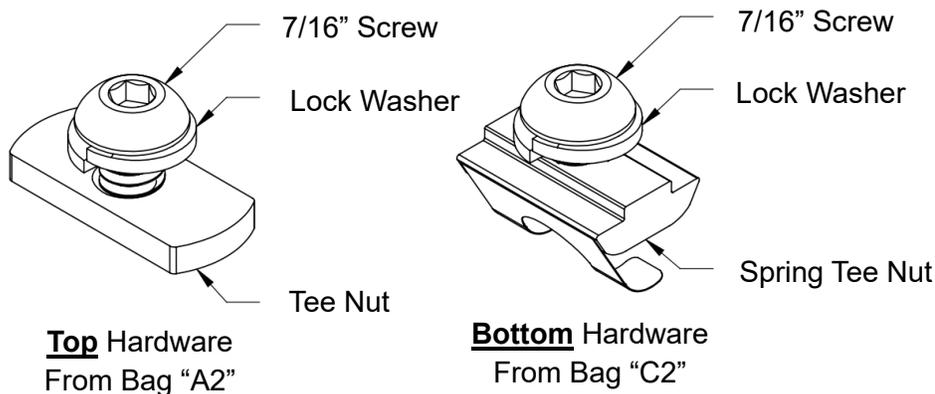
Note: Rib
orientation
(compress leaf
spring and roll
nut into groove)

Instructions:

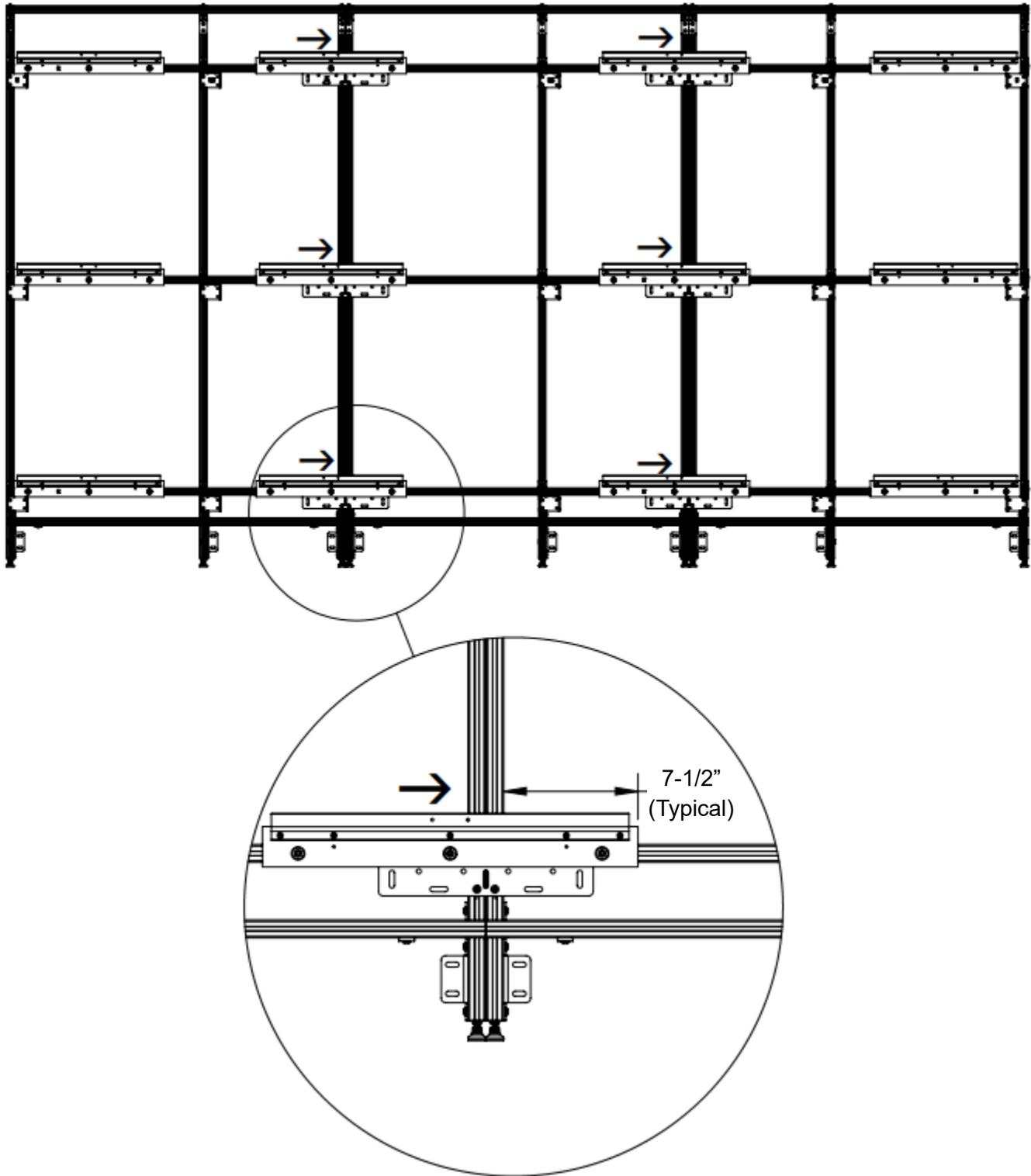
Step 1. Starting from left to right, connect the left, middle, and right frame assemblies together as shown.

TIPS:

- A.) Loosely install "Top" hardware
- B.) Slide Right Frame onto Left Frame
- C.) Install 1/4"-20 spring nut into bottom grooves, slide nut to align with mounting hole, hand tighten with 1/4"-20x7/16 BHCS
- D.) Tighten all hardware.



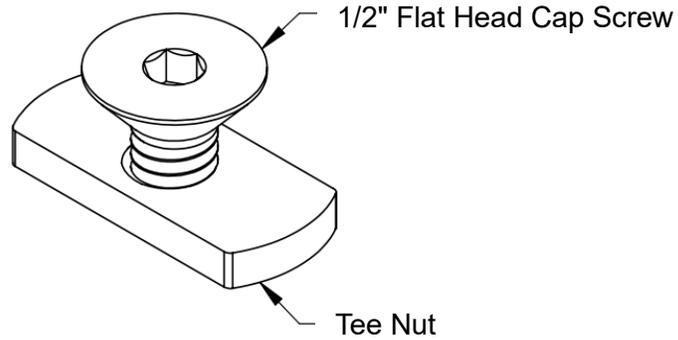
Step 2. Slightly loosen and slide middle fixed glass cleat brackets to dimensions shown on the vertical support as shown. Re-tighten hardware.



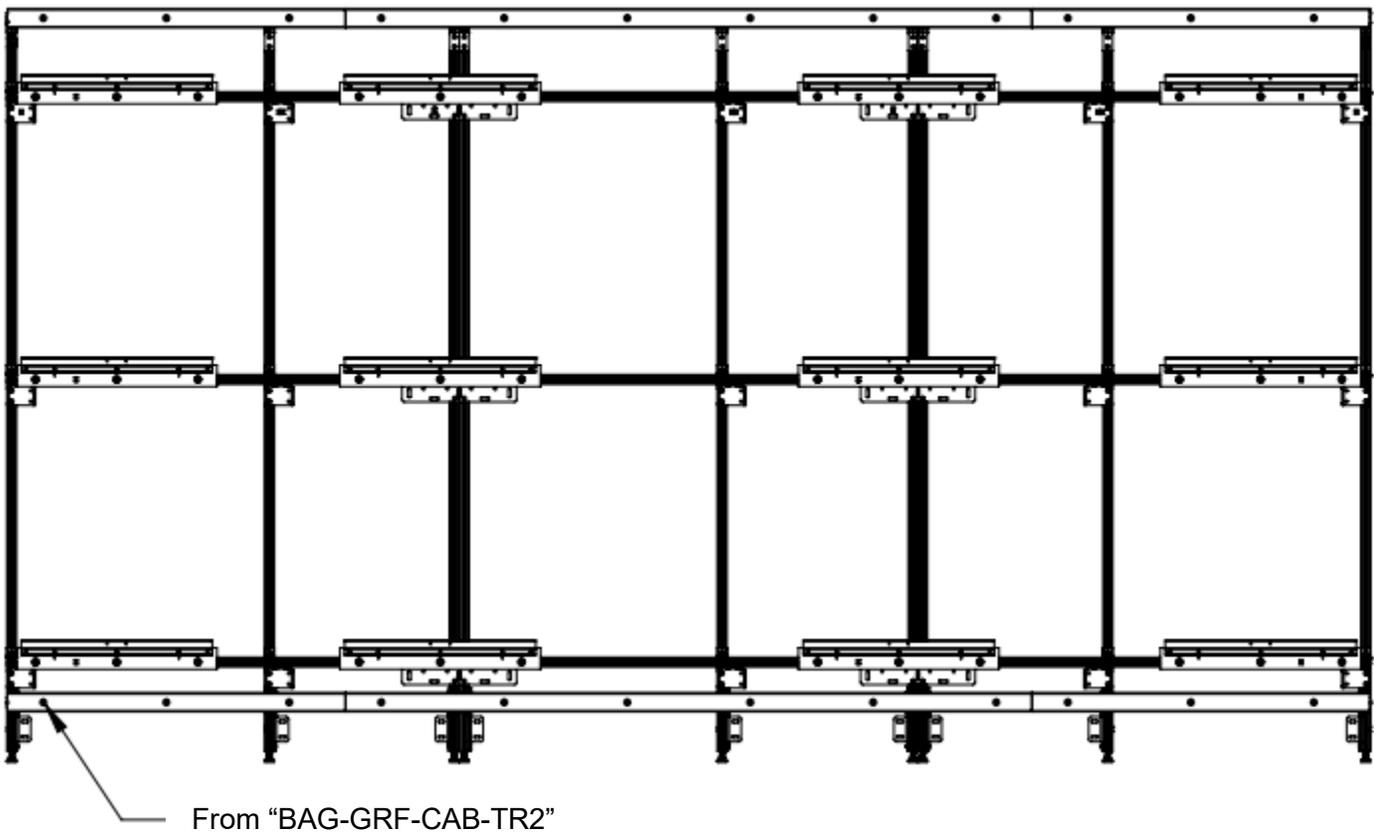
Step 3. Install top & bottom track. Tighten hardware & check squareness.

TIPS:

- A.) Ensure the short sections of track have the hole that is closer to the edge at the track joint.
- B.) Slide track sections onto frame, equal space on each end.
- C.) Hold track joints together and tighten screws immediately to the left & right of the track joint. Tighten remaining track screws starting at the joint proceeding to the end of each track section.



Hardware From
"BAG-GRF-CAB-TR2"

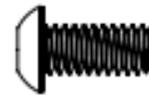


Step 4. Attach bottom decorative spacers and bottom panels using noted hardware.

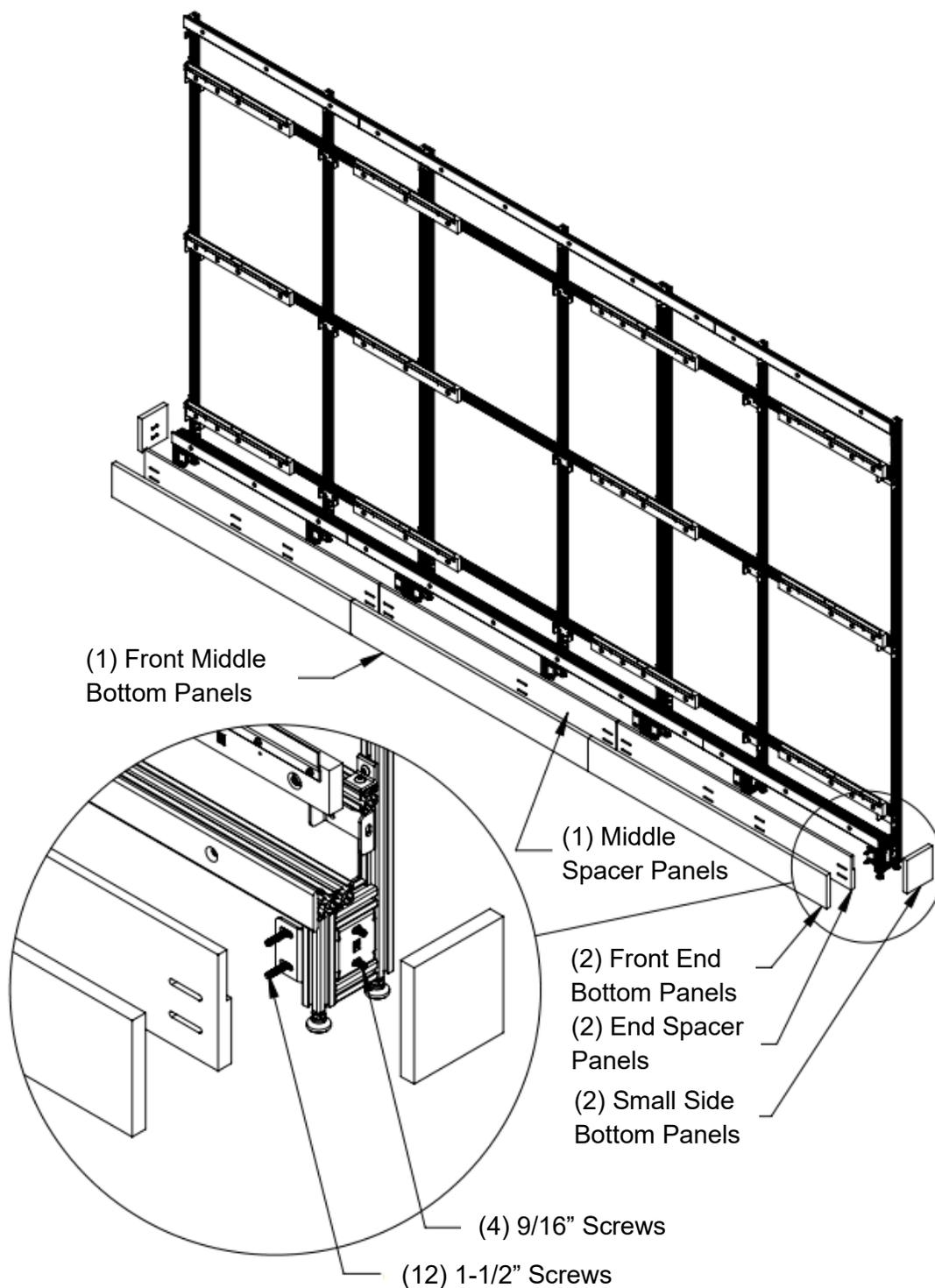
TIP: Initially hand tighten hardware to align panels to achieve proper panel fitment, then tighten.



1-1/2" Screw Actual Size



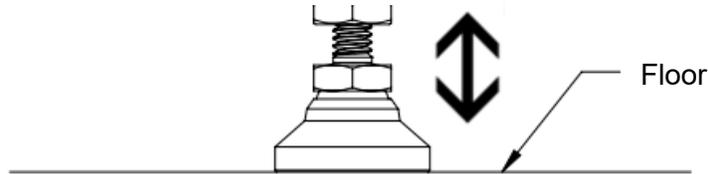
9/16" Screw Actual Size



Step 5. Place assembled frame unit in the desired location against the wall. **Do NOT attach frame assembly to the wall at this time.**

NOTE: Locate wall studs. It is best practice to attach wall mounting brackets to studs. If possible, shift the unit to attach to a stud. If studs are not available, use the appropriate wall anchors (not supplied by Ghent).

NOTE: Using a laser or 4'+ level, perform all foot adjustments to level the top and bottom tracks both horizontally and vertically ($\pm 1/16"$). Mark feet locations by applying masking tape to the floor.

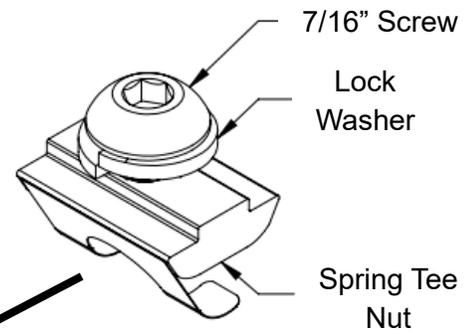


Step 6. Attach wall mounting brackets positioned as shown below using the spring tee nuts, referencing the masking tape applied in Step 5.

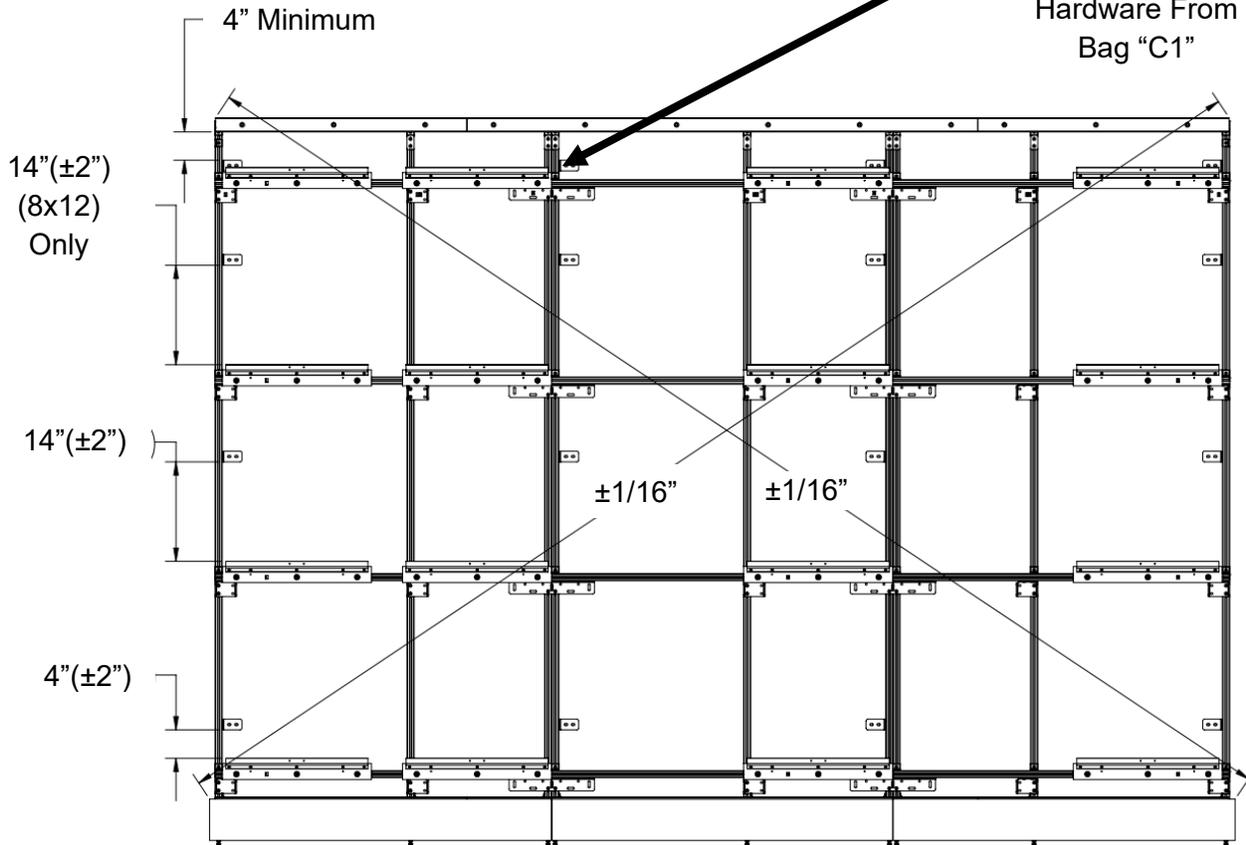
REMINDER: Attach to studs when possible.

TIPS:

- A.) Before and after attaching to the wall, check squareness. Horizontal and vertical ($\pm 1/16"$), adjust feet and wall mounting brackets
- B.) If needed, insert slotted fender washers between wall and wall attachment bracket



Hardware From Bag "C1"

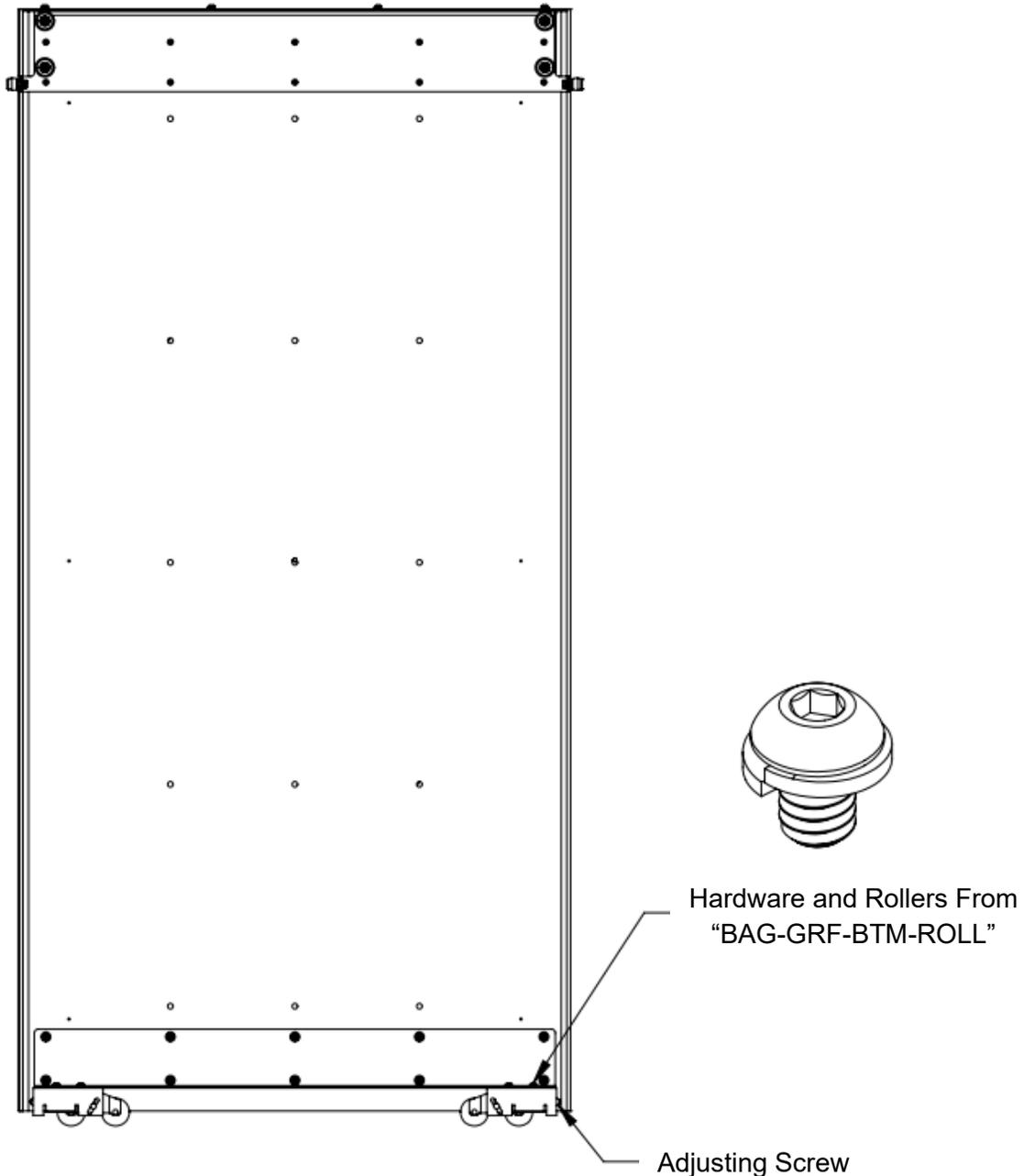


Note: 8x12 Version Shown

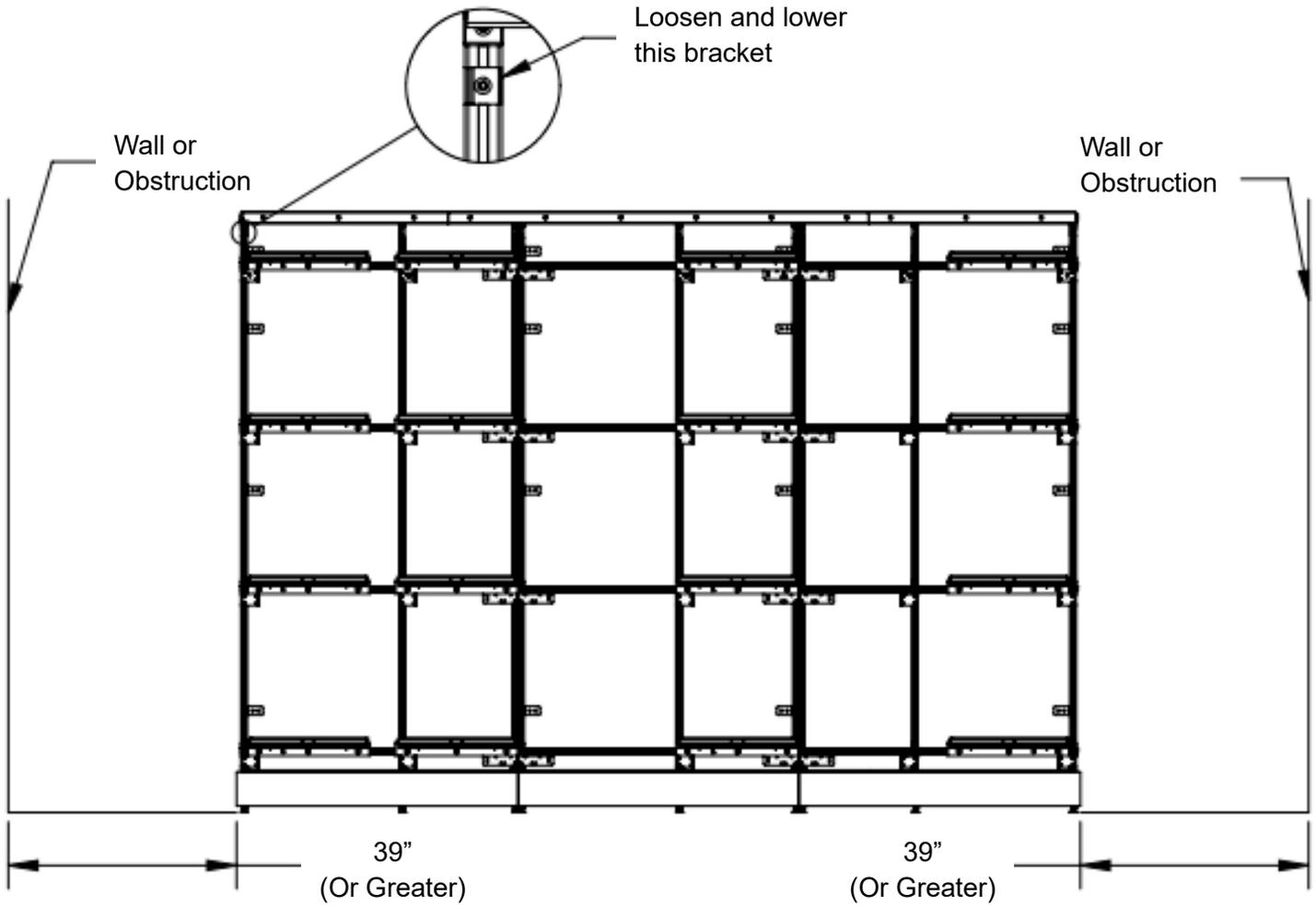
Step 7. Unpack the sliding panel assembly/assemblies and place on a sturdy work surface with glass side down.

Install bottom rollers onto sliding panel using the provided 1/4"-20x3/8" BHCS with 1/4"-20 spring lock washer. Tighten (2) screws per bottom roller.

TIP: To assist with installation of the panel assembly, adjust the bottom rollers to provide the minimum roller projection. Turn the adjusting screw counterclockwise and push the rollers into the enclosure.



Step 8. If 39" (3'-3") of clear unobstructed space **IS** provided on either the **LEFT** or **RIGHT** side, loosen and lower one (1) angled bracket as shown to provide proper clearance to install the sliding panel. If 39" of clear space is **NOT** provided, proceed to Step 10.



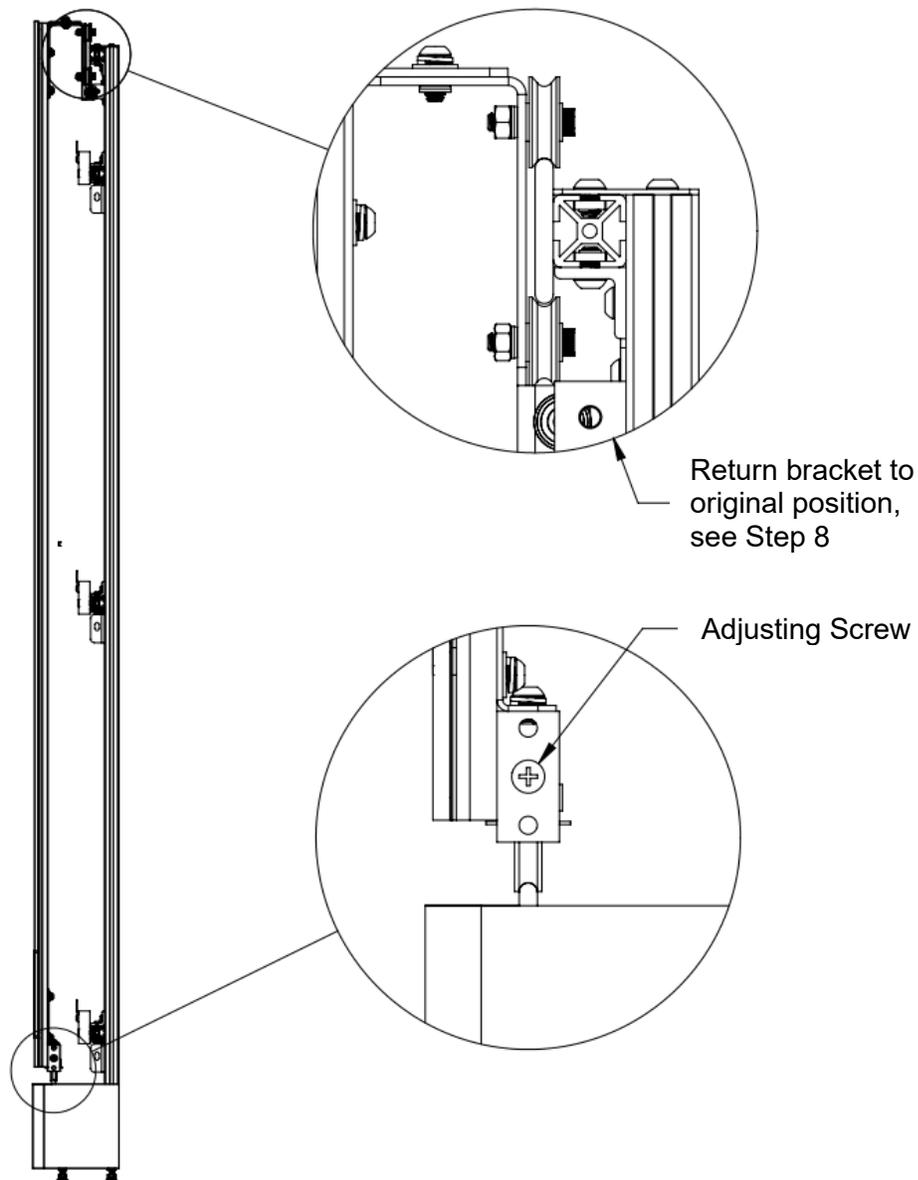
Step 9. Three (3) technicians are recommended **AND** 39" of clear, unobstructed space on either side.

Using glass suction cups and two (2) technicians, position the **TOP** rollers on the **TOP** track from either the **LEFT** or **RIGHT** side.

The third technician will align the **BOTTOM** rollers with the **BOTTOM** track. It is recommended at this time to adjust the bottom rollers for smooth operations using a #2 Phillips head screwdriver. Adjust the bottom rollers **DOWN** by turning the adjusting screw **CLOCKWISE**. Do not over tighten, adjust until smooth and quiet operation is achieved.

Return the angle bracket loosened in Step 8 to its original position.

Proceed to Step 11.



Step 10. This step is only required when LESS than 39" of clear, unobstructed space is available on either side. Three (3) technicians are recommended for this step.

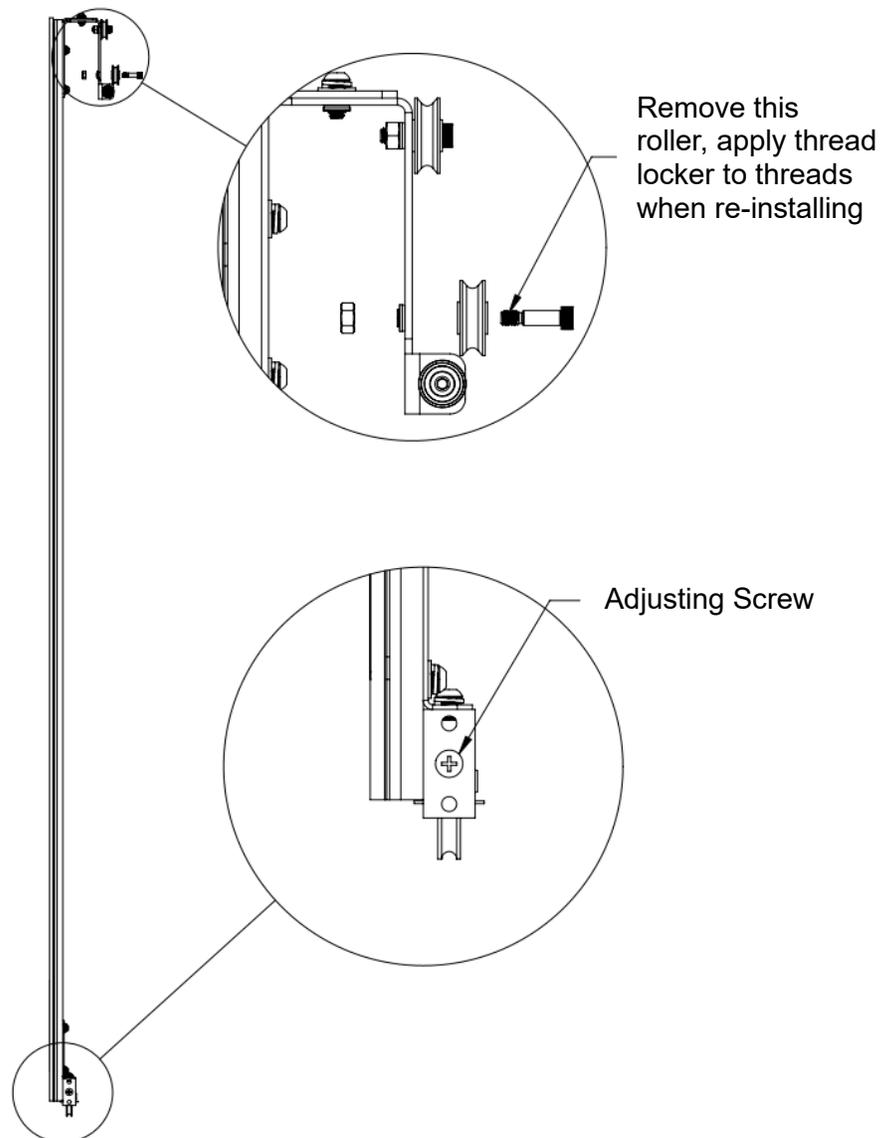
Remove **BOTTOM** two (2) rollers from the **TOP** of the sliding panel, keep all parts. Use a cloth or brass brush to remove thread locking residue from the threads.

Using glass suction cups and two (2) technicians, lift the slider to position the **TOP** rollers on the **TOP** track.

The third technicians will align the **BOTTOM** rollers with the **BOTTOM** track. Adjust the bottom rollers **DOWN** by turning the adjusting screw **CLOCKWISE** to ensure the sliding panel is resting on **BOTH** the top and bottom tracks.

Reinstall the removed **TOP** rollers. It is recommended to apply medium strength blue Loctite® thread locker (or equivalent) to the shoulder screws' threads. After the shoulder screw is installed and tightened, apply thread locker and tighten lock nut using a 1/8" Allen wrench to hold the shoulder screw stationary.

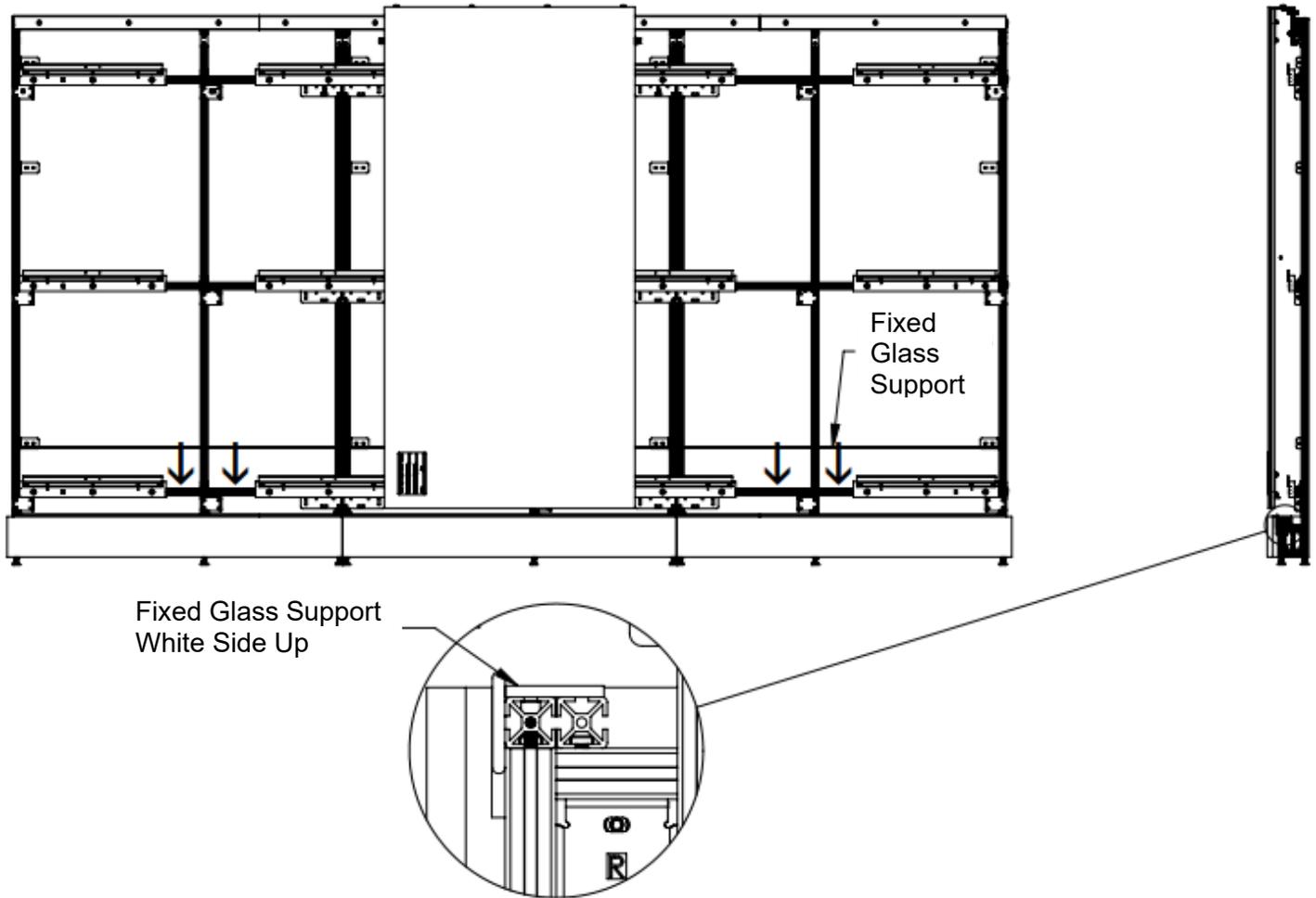
Adjust the bottom rollers turning the adjusting screw until smooth and quiet operation is obtained. Do not over tighten.



Step 11. Install the white 1-15/16"W x 1/4" thick fixed glass support panels using the factory applied tape to secure to the aluminum frame. Place the fixed glass support with no gap between the back of the track, with the white side up.

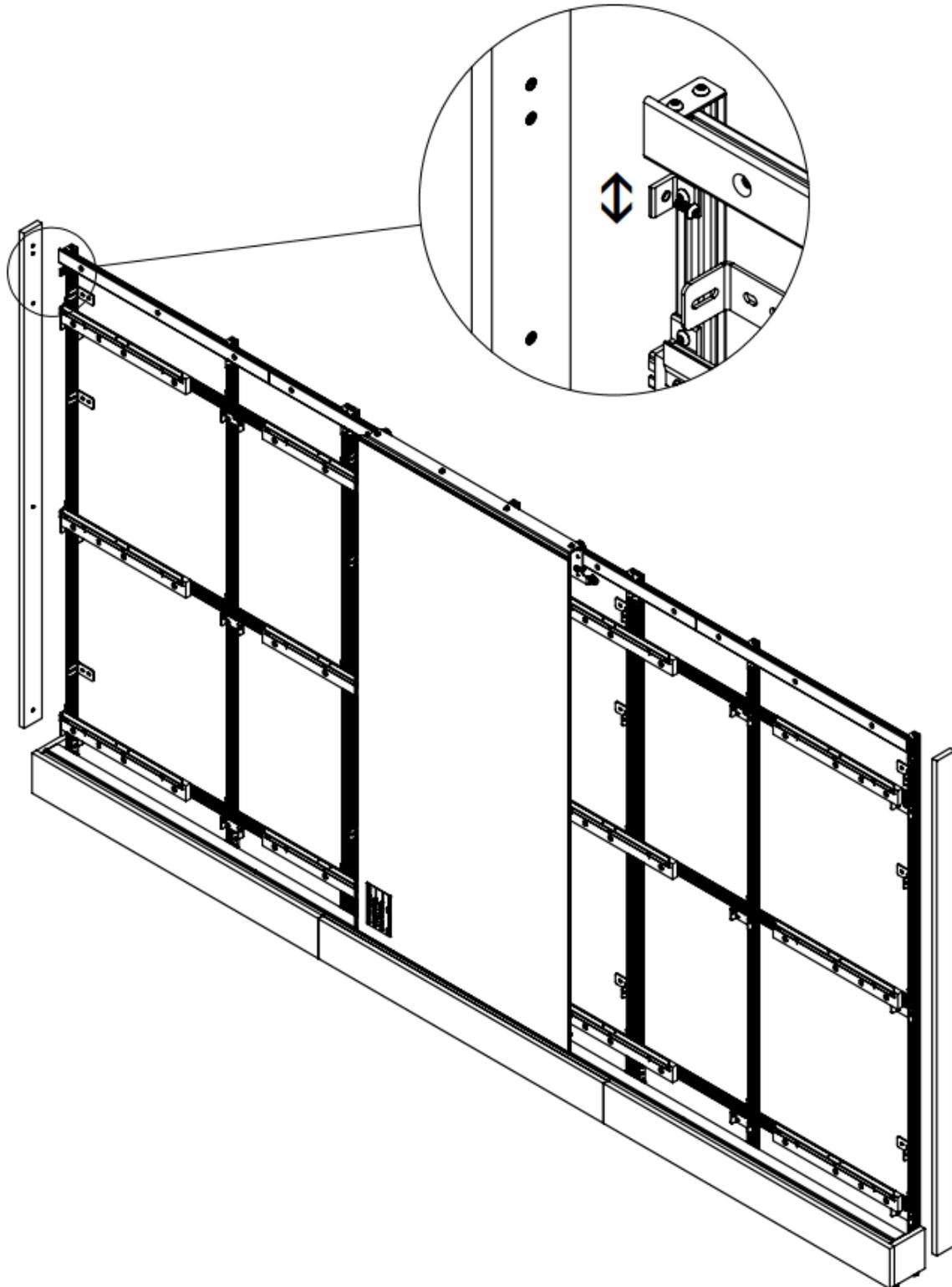
TIPS:

- A.) Dust off the aluminum supports with a clean towel.
- B.) Butt the ends of the panels together, aligning at the center of the frame assembly.



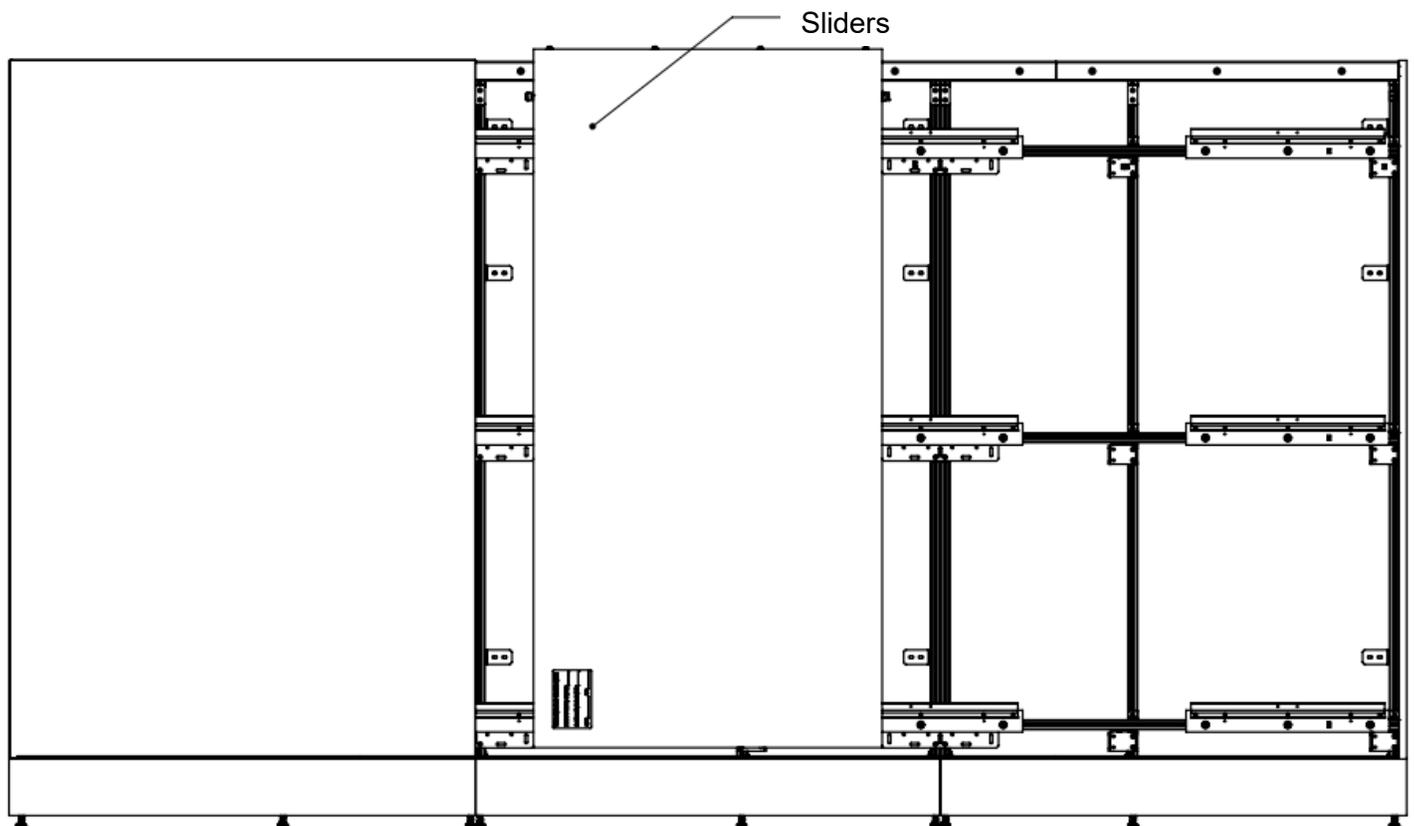
Step 12. Install the vertical side HPL panels using the provided 1/4"-20x9/16" BHCS.

TIP: Re-adjustment of the top bracket may be required to ensure a tight hairline joint with the bottom side panel(s).



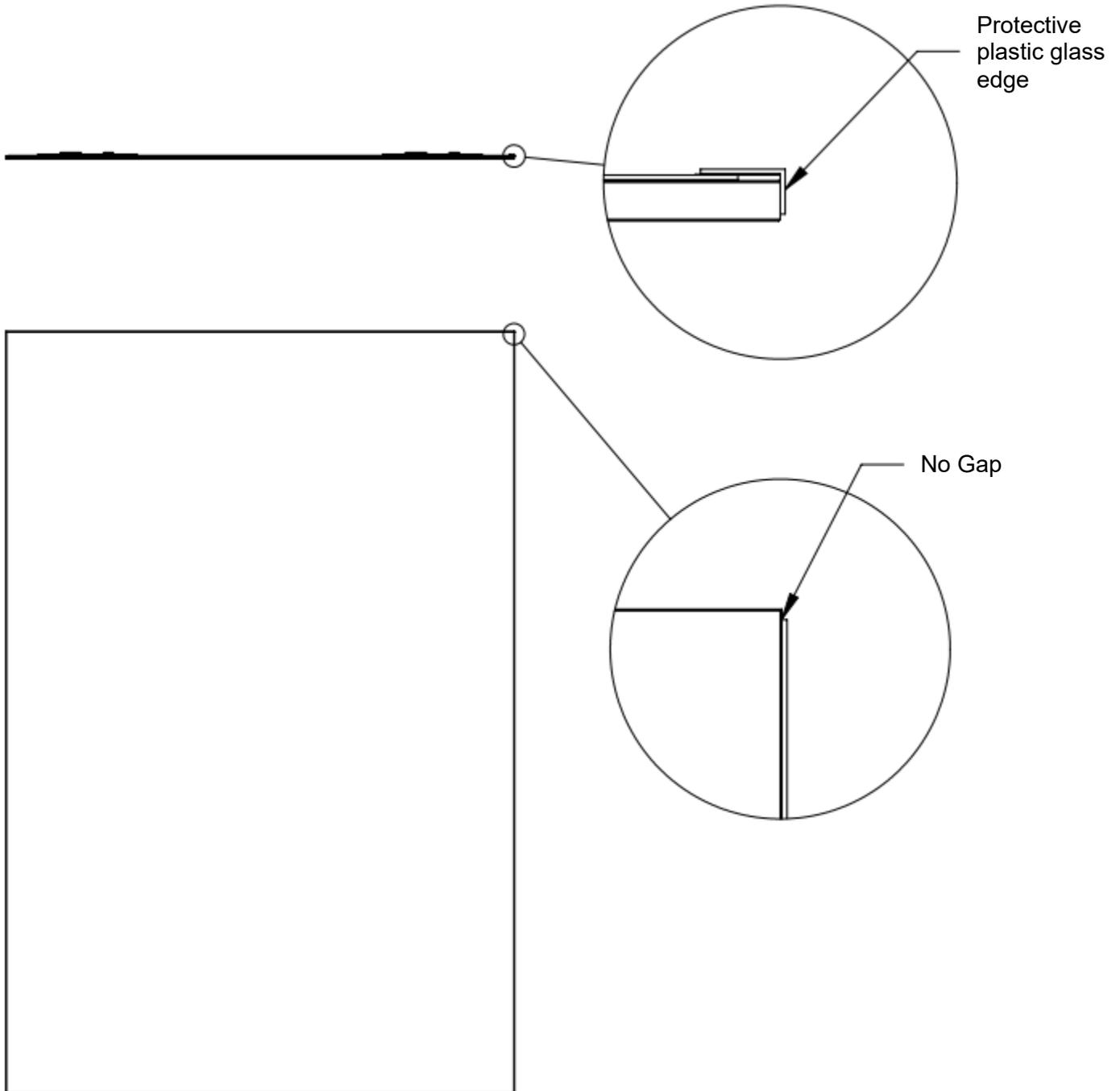
Step 13. Two (2) technicians are recommended for this step. Using suction cups, attach (1) fixed glass panel to the frame's French cleats.

TIP: It is recommended to install either left or right end panels first.



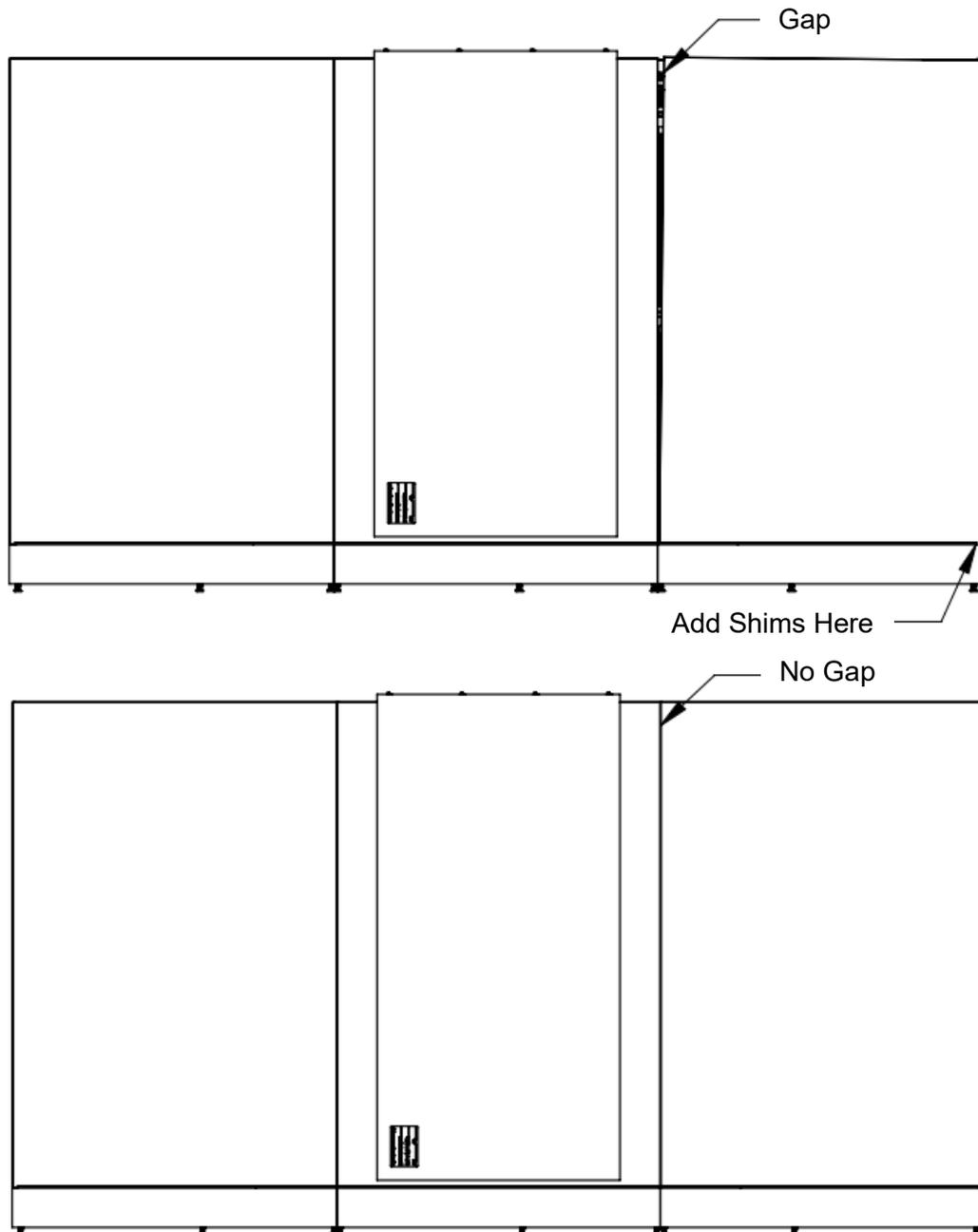
Step 14. Attach the protective plastic glass angle to the installed fixed glass by peeling the double-sided tape's exposed liner, then affix the tape to the back side of the glass.

TIP: Use a clean towel to wipe any residue off the back side and edge of the glass.



Step 15. Two (2) technicians are recommended for this step. Using suction cups, attach the remaining fixed glass panel(s) to the frame's French cleats and butt against the protective glass angle.

TIP: After attaching the fixed glass panels, use provided aluminum shims to create a hairline joint between the glass panels and protective plastic angle.



Step 16. Install the provided accessory marker holder to either the sliding panel assembly or adjacent wall as directed by the customer. Refer to the instructions provided with the marker holder.

Step 17. Remove any production labels from glass.

Step 18. Recycle all packaging material in accordance with local regulations.

Groove Floor Sliding Glassboard / GRF (16' Wide)

Installation Instructions

NOTE: Immediately after delivery, carefully open carton(s) and inspect for concealed damage. Save carton(s) and packing material for future use. If concealed damage is found, notify the carrier immediately to request an inspection. Failure to report shipping damage in a timely manner will result in the denial of a damage claim. Return the product to the original packaging to protect it.

NOTE: Failure to follow the installation instructions will void warranty. Refer to <https://ghent.com/warranties> for additional details.

NOTE: This installation instruction applies to both 6'H x 16'W and 8'H x 16'W Groove Floor units. The 6'H x 16'W version is shown throughout the instructions.

NOTE: Two (2) technicians are required, estimate of 5 hours installation time. A third technician is required for installation of the sliding panel.

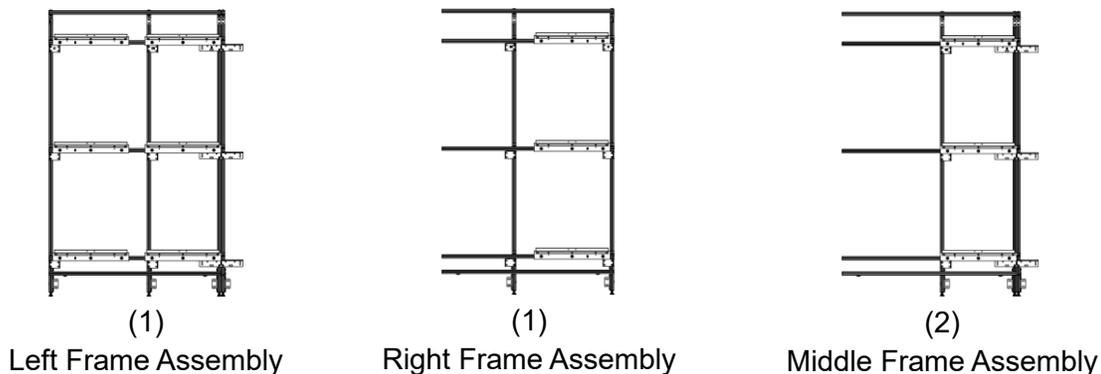
Required Supplies (NOT PROVIDED BY GHENT):

- Obtain wall anchors and screws appropriate for the wall construction
- Masking tape or similar (refer to Step 5)
- Loctite® Medium Strength Thread Locker if top rollers need to be removed (refer to Step 10)

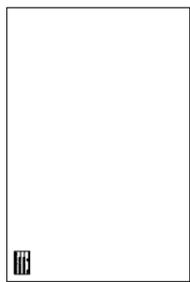
Tools Needed:

- | | |
|---|---|
| <ul style="list-style-type: none"> - Laser Level - Level, 4'-6' - Tape Measure - Pencil - Step Ladder - Mallet - Suction Cups - Power Drill | <ul style="list-style-type: none"> - Drill Bit(s) sized for wall anchors - 7/16" Open End Wrench - 1/2" Open End Wrench (~10" Long & Thin Profile) - 1/8" Allen Wrench - 5/32" Allen Wrench (Provided) - 3/16" Allen Wrench (Provided) - #2 Phillips Screwdriver - Sawhorses or Sturdy Temporary Work Surface |
|---|---|

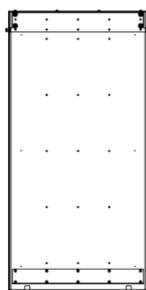
Packaging Contents:



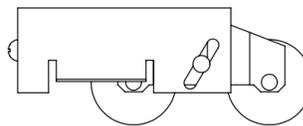
Packaging Contents (Cont'd.):



(4)
Magnetic Glass
Panels



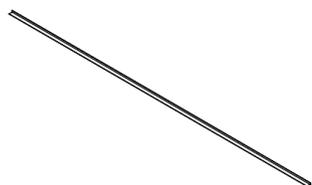
(2)
Magnetic Slider Panel



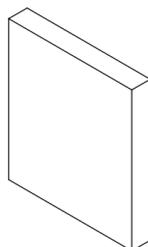
(4)
Bottom Roller Assembly
With Hardware



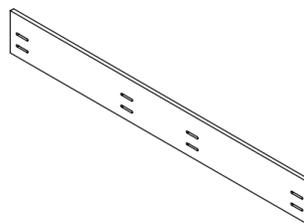
(2)
White Fixed Glass
Support Panels



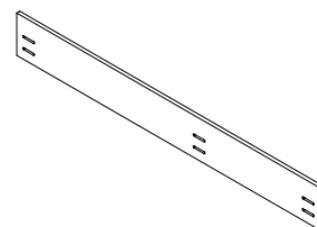
(3)
Plastic Glass Protective
Angle With Tape



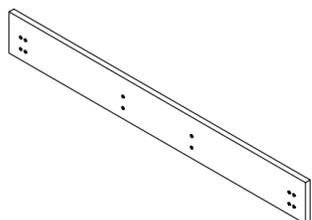
(2)
Small Bottom Side
Decorative Panels



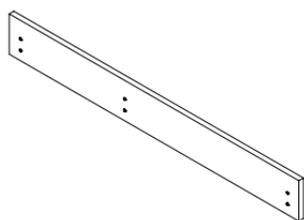
(2)
Bottom End Decorative
Spacer Panels



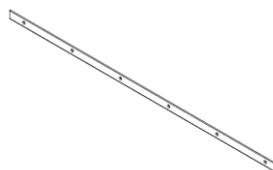
(2)
Bottom Middle
Decorative Spacer
Panels



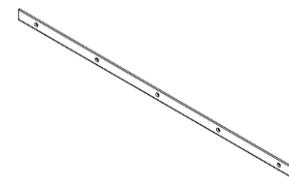
(2)
Bottom End Decorative
Panels



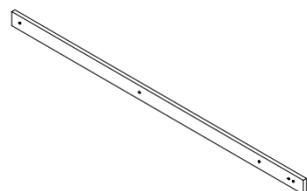
(2)
Bottom Middle
Decorative Panels



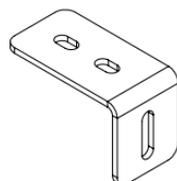
(2)
71-7/8" Long Track



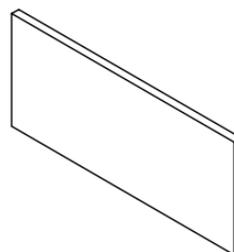
(4)
59-3/8" Long Track



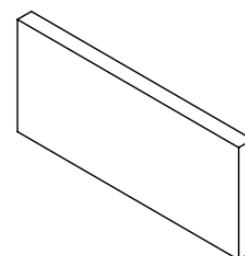
(2)
Side Decorative
Vertical Panels



(18) 6'H
(24) 8'H
Wall Mounting Brackets



(12)
Thin Aluminum Glass
Shims



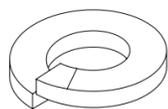
(12)
Thick Aluminum Glass
Shims

Packaging Contents (Cont'd.):

Bag Hardware A2:



(30)
1/4"-20 Tee Nut



(30)
1/4" Spring
Lock Washer



(30)
1/4"-20x7/16"
Button Head
Cap Screw



(1)
5/32" Allen
Wrench

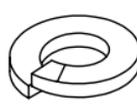
Bag Hardware C2:



(50)
1/4"-20 Tee
Spring Nut



(50)
1/4"-20x7/16"
Button Head
Cap Screw



(50)
1/4" Spring
Lock Washer



(75)
Slotted Fender
Washer



(1)
5/32" Allen
Wrench

BAG-GRF-CAB-TR2:



(32)
1/4"-20 Tee Nut



(32)
1/4"-20x1/2"
Flat Head
Cap Screw



(18)
1/4"-20x9/16"
Button Head
Cap Screw



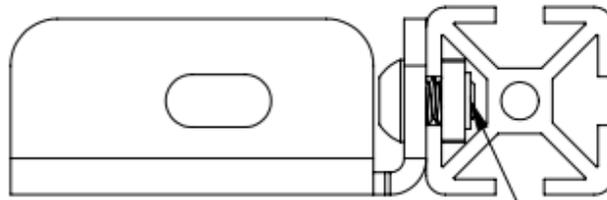
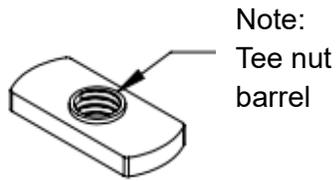
(32)
1/4"-20x1-1/4"
Button Head
Cap Screw



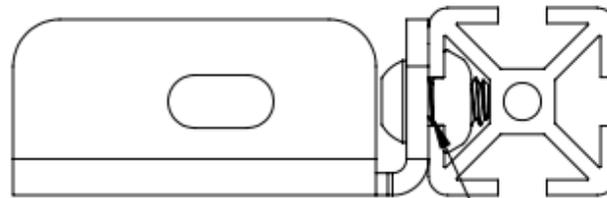
(1)
5/32" Allen
Wrench

NOTE: Extra/spare fasteners are provided.

Proper orientation of tee nuts:



Note: Tee nut
barrel oriented
as shown



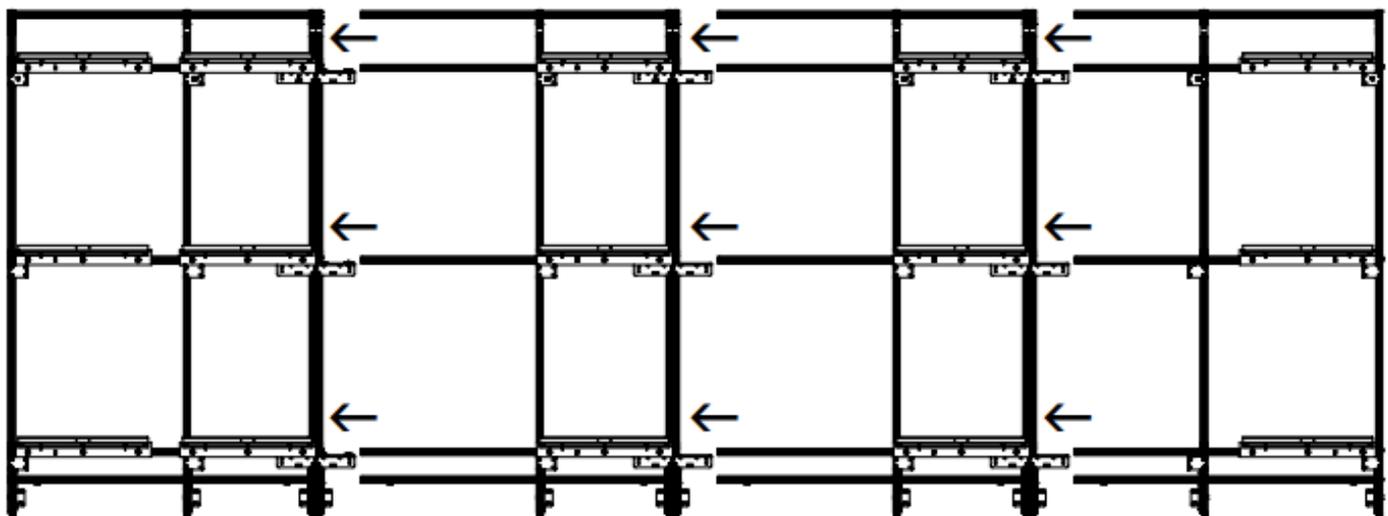
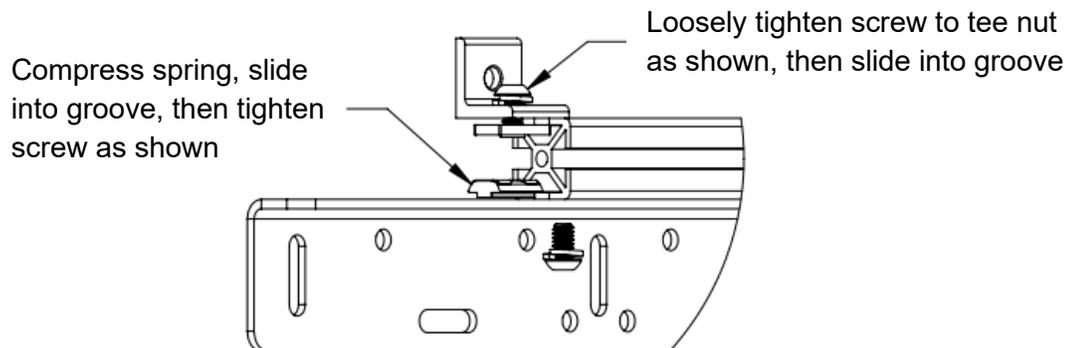
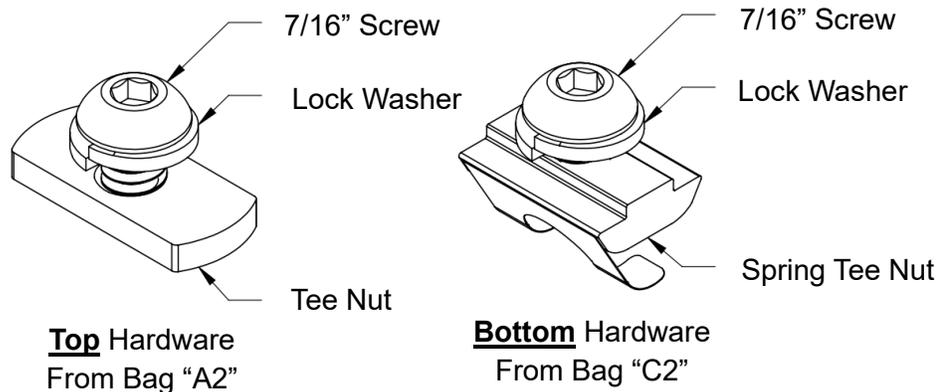
Note: Rib
orientation
(compress leaf
spring and roll
nut into groove)

Instructions:

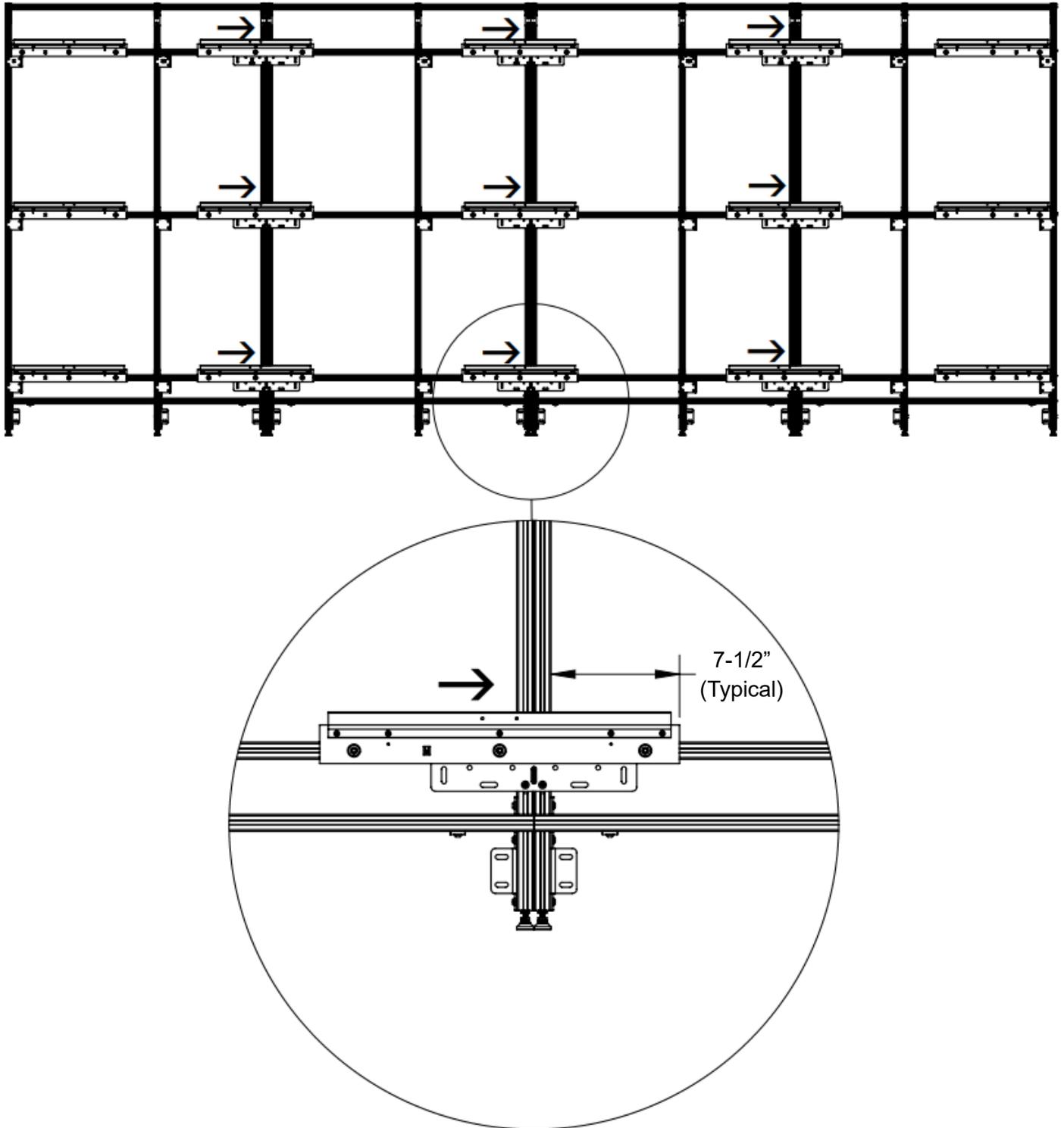
Step 1. Starting from left to right, connect the left, middle, and right frame assemblies together as shown.

TIPS:

- A.) Loosely install "Top" hardware
- B.) Slide Right Frame onto Left Frame
- C.) Install 1/4"-20 spring nut into bottom grooves, slide nut to align with mounting hole, hand tighten with 1/4"-20x7/16 BHCS
- D.) Tighten all hardware.



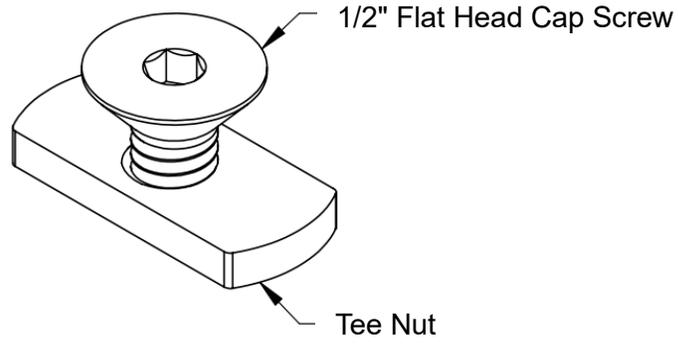
Step 2. Slightly loosen and slide middle fixed glass cleat brackets to dimensions shown on the vertical support as shown. Re-tighten hardware.



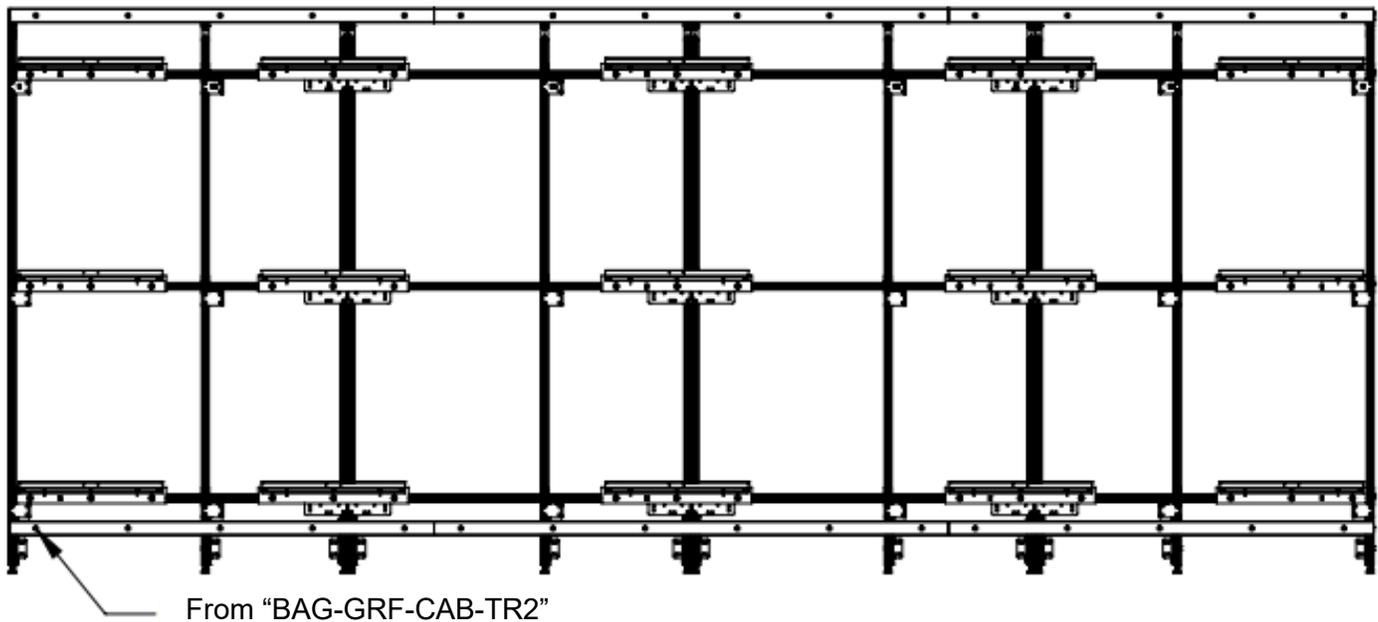
Step 3. Install top & bottom track. Tighten hardware & check squareness.

TIPS:

- A.) Ensure the short sections of track have the hole that is closer to the edge at the track joint.
- B.) Slide track sections onto frame, equal space on each end.
- C.) Hold track joints together and tighten screws immediately to the left & right of the track joint. Tighten remaining track screws starting at the joint proceeding to the end of each track section.



Hardware From
"BAG-GRF-CAB-TR2"

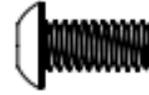


Step 4. Attach bottom decorative spacers and bottom panels using noted hardware.

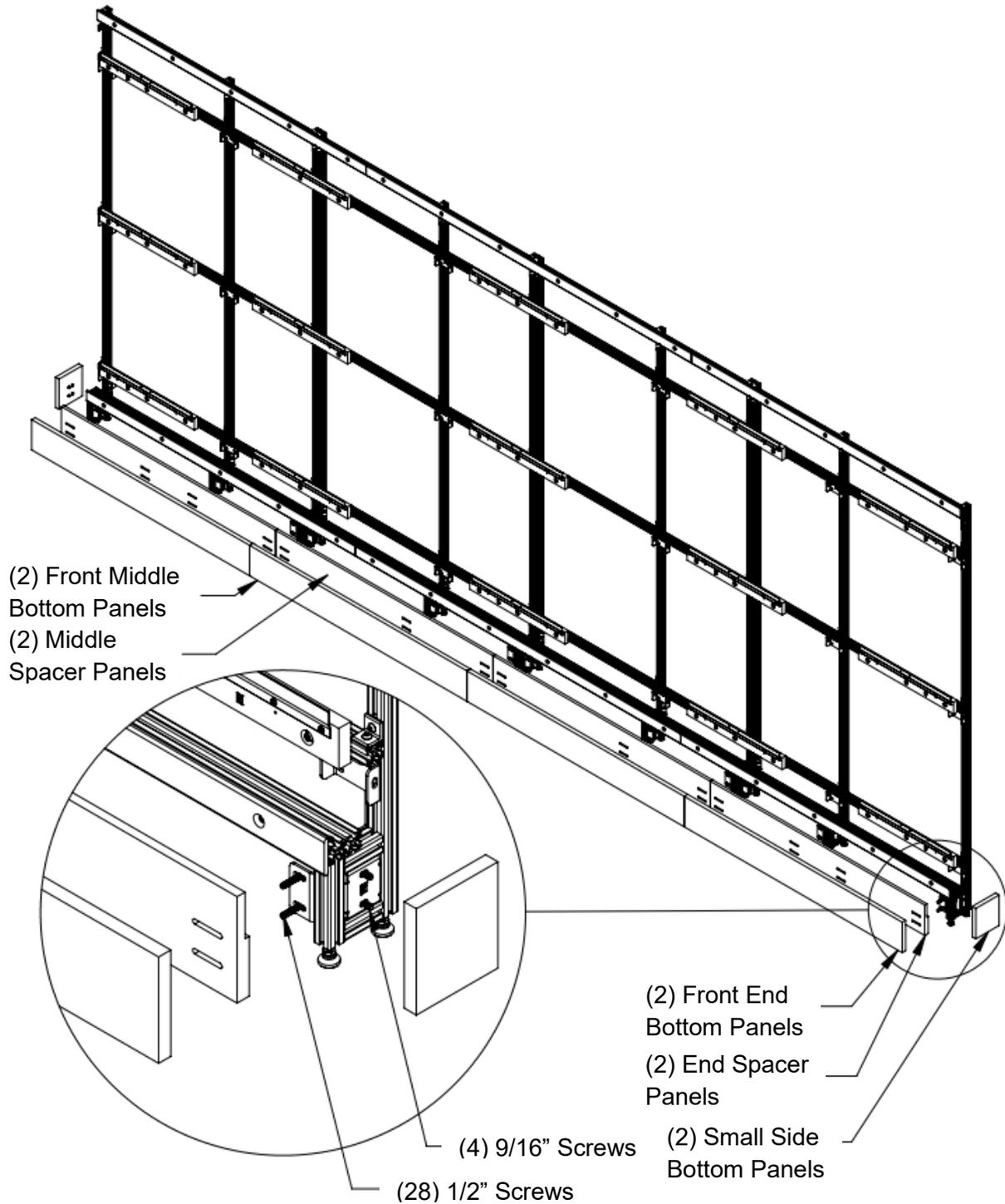
TIP: Initially hand tighten hardware to align panels to achieve proper panel fitment, then tighten.



1-1/2" Screw Actual Size



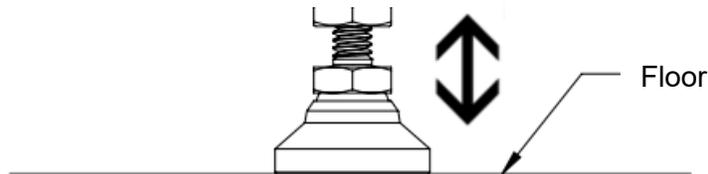
9/16" Screw Actual Size



Step 5. Place assembled frame unit in the desired location against the wall. **Do NOT attach frame assembly to the wall at this time.**

NOTE: Locate wall studs. It is best practice to attach wall mounting brackets to studs. If possible, shift the unit to attach to a stud. If studs are not available, use the appropriate wall anchors (not supplied by Ghent).

NOTE: Using a laser or 4'+ level, perform all foot adjustments to level the top and bottom tracks both horizontally and vertically ($\pm 1/16"$). Mark feet locations by applying masking tape to the floor.

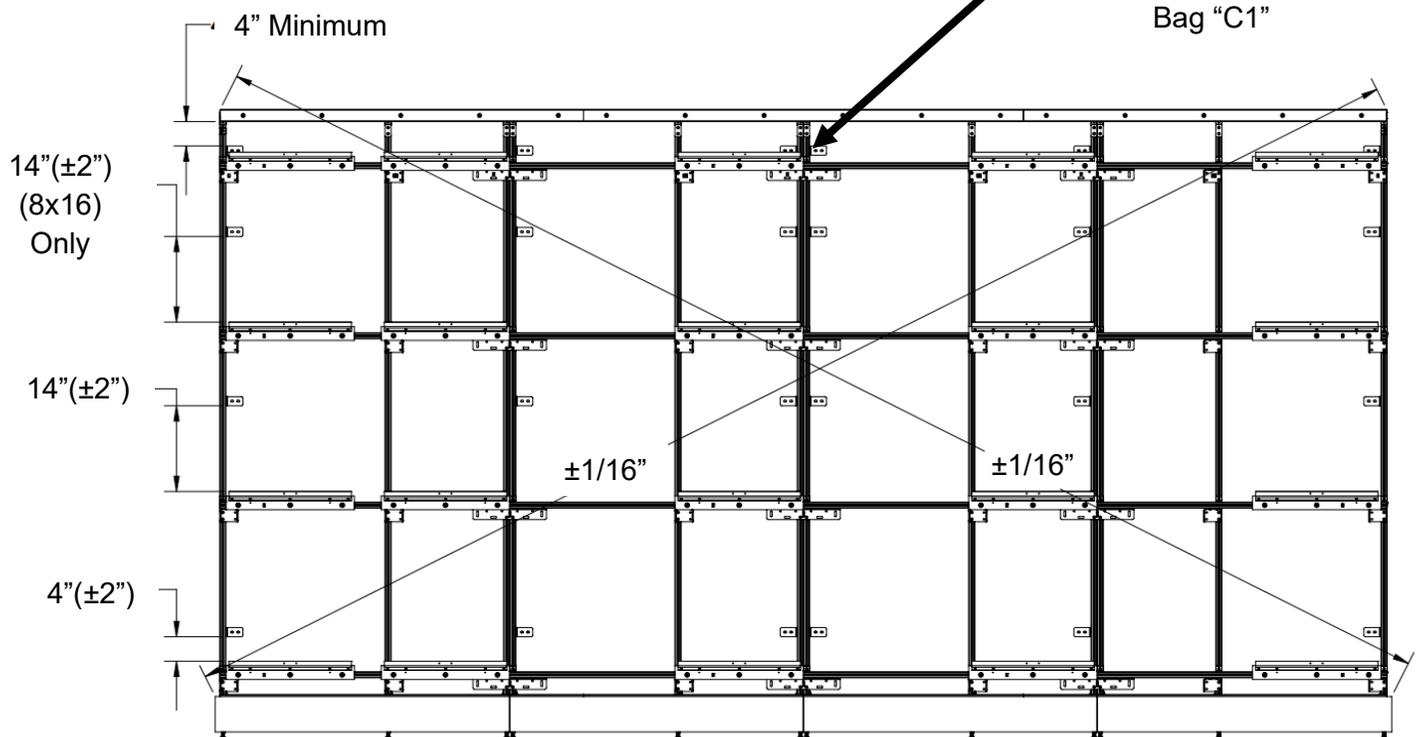
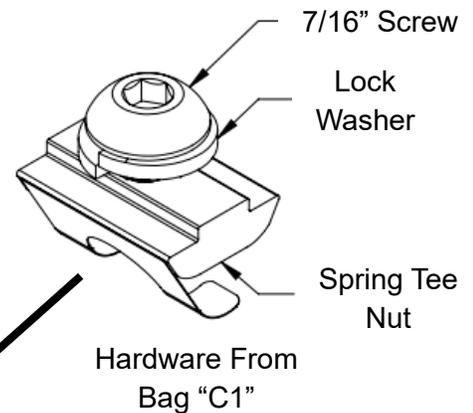


Step 6. Attach wall mounting brackets positioned as shown below using the spring tee nuts, referencing the masking tape applied in Step 5.

REMINDER: Attach to studs when possible.

TIPS:

- A.) Before and after attaching to the wall, check squareness. Horizontal and vertical ($\pm 1/16"$), adjust feet and wall mounting brackets
- B.) If needed, insert slotted fender washers between wall and wall attachment bracket

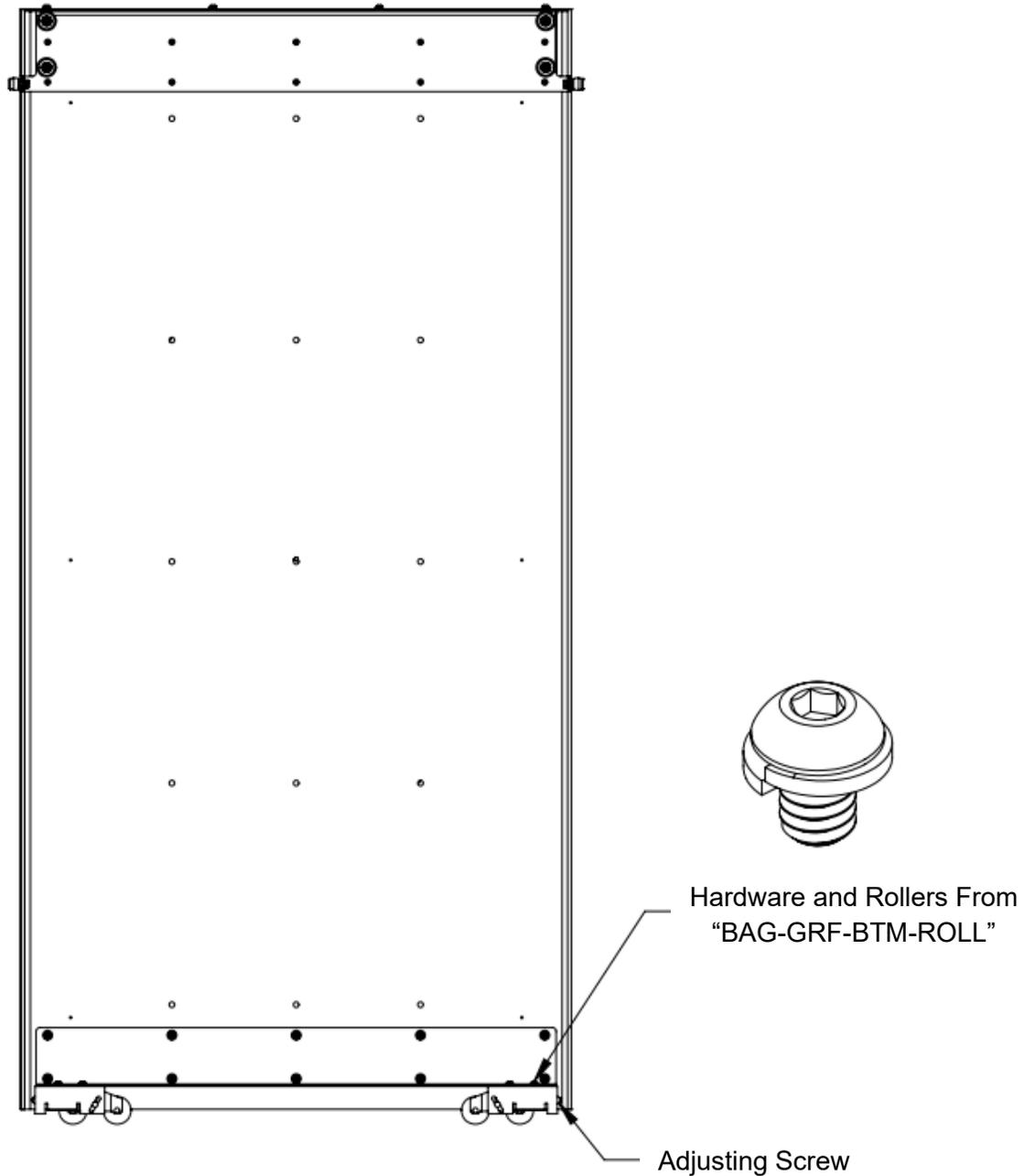


Note: 8x16 Version Shown

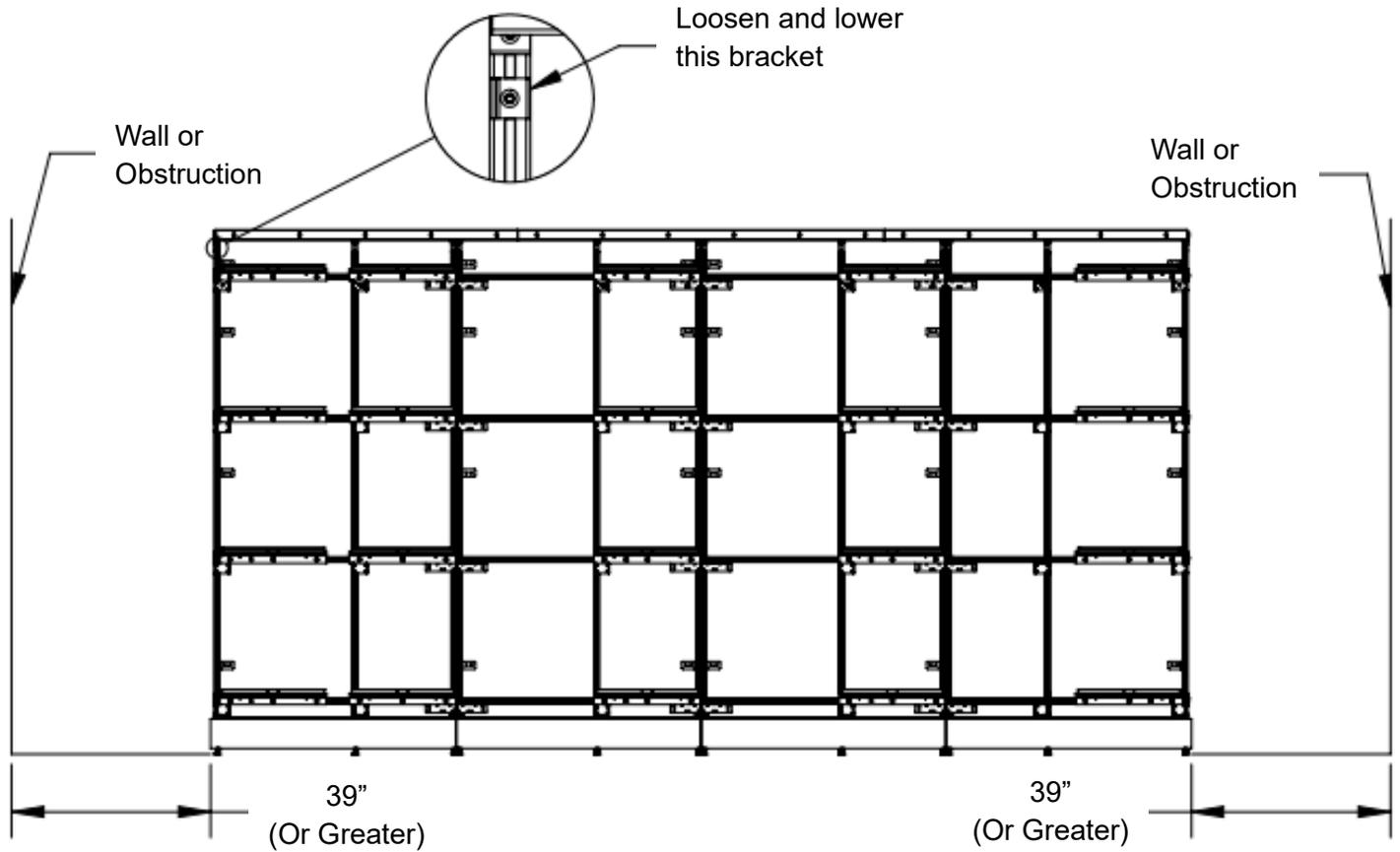
Step 7. Unpack the sliding panel assembly/assemblies and place on a sturdy work surface with glass side down.

Install bottom rollers onto sliding panel using the provided 1/4"-20x3/8" BHCS with 1/4"-20 spring lock washer. Tighten (2) screws per bottom roller.

TIP: To assist with installation of the panel assembly, adjust the bottom rollers to provide the minimum roller projection. Turn the adjusting screw counterclockwise and push the rollers into the enclosure.



Step 8. If 39" (3'-3") of clear unobstructed space **IS** provided on either the **LEFT** or **RIGHT** side, loosen and lower one (1) angled bracket as shown to provide proper clearance to install the sliding panel. If 39" of clear space is **NOT** provided, proceed to Step 10.



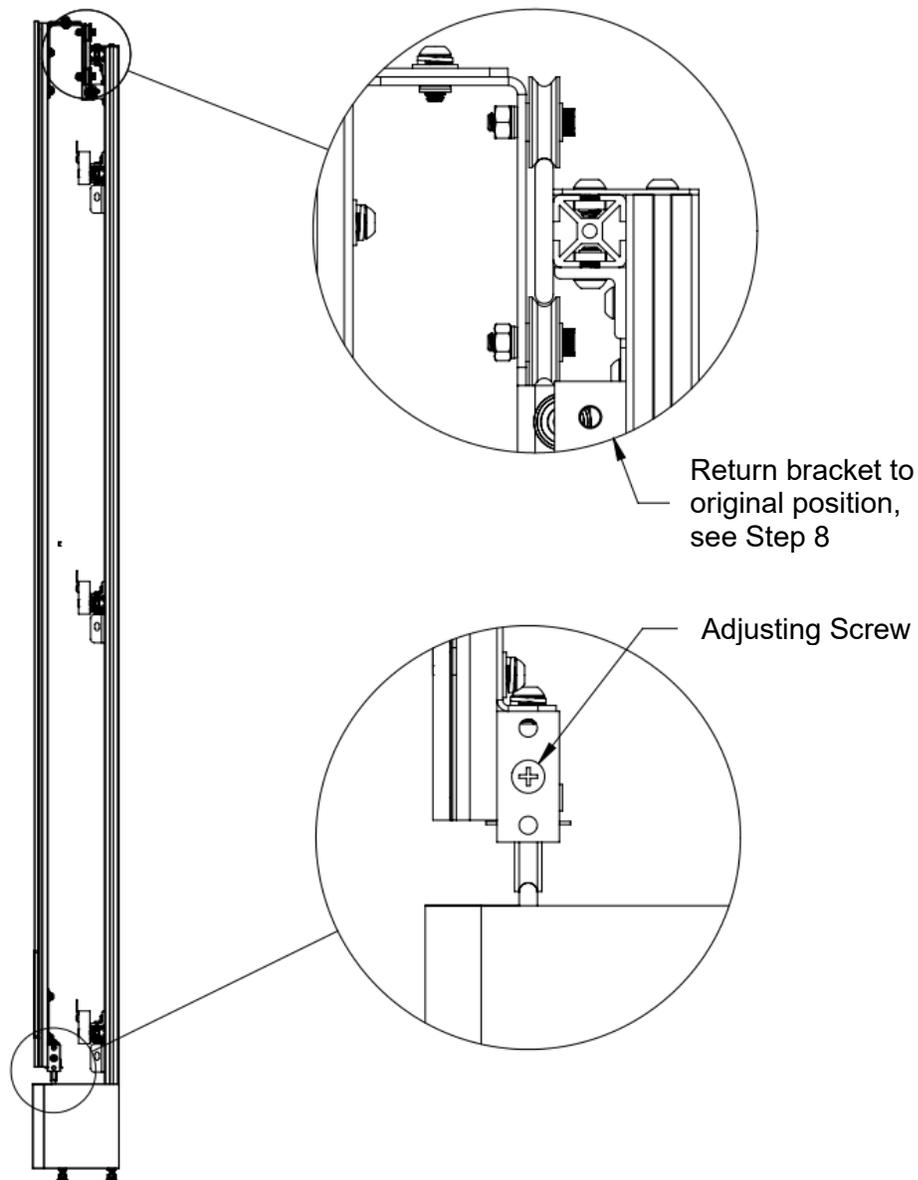
Step 9. Three (3) technicians are recommended **AND** 39" of clear, unobstructed space on either side.

Using glass suction cups and two (2) technicians, position the **TOP** rollers on the **TOP** track from either the **LEFT** or **RIGHT** side.

The third technician will align the **BOTTOM** rollers with the **BOTTOM** track. It is recommended at this time to adjust the bottom rollers for smooth operations using a #2 Phillips head screwdriver. Adjust the bottom rollers **DOWN** by turning the adjusting screw **CLOCKWISE**. Do not over tighten, adjust until smooth and quiet operation is achieved.

Return the angle bracket loosened in Step 8 to its original position.

Proceed to Step 11.



Step 10. This step is only required when LESS than 39" of clear, unobstructed space is available on either side. Three (3) technicians are recommended for this step.

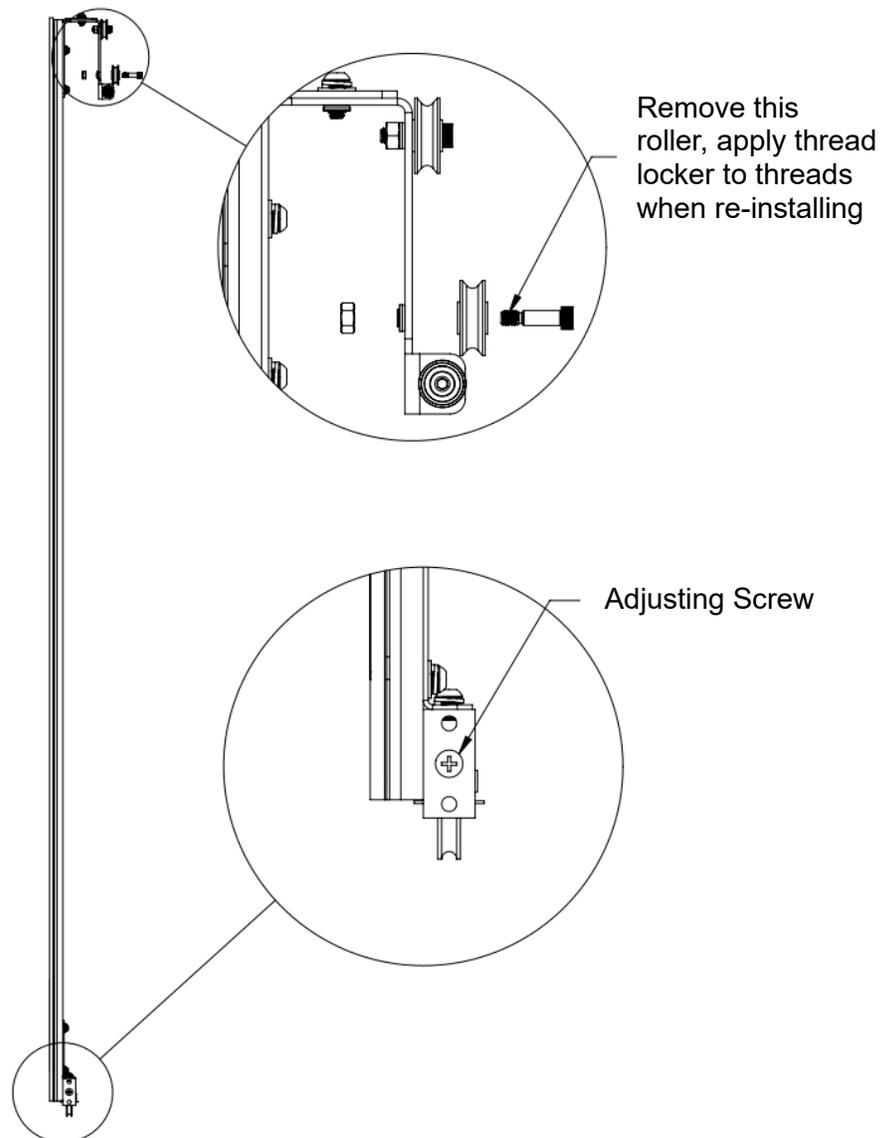
Remove **BOTTOM** two (2) rollers from the **TOP** of the sliding panel, keep all parts. Use a cloth or brass brush to remove thread locking residue from the threads.

Using glass suction cups and two (2) technicians, lift the slider to position the **TOP** rollers on the **TOP** track.

The third technicians will align the **BOTTOM** rollers with the **BOTTOM** track. Adjust the bottom rollers **DOWN** by turning the adjusting screw **CLOCKWISE** to ensure the sliding panel is resting on **BOTH** the top and bottom tracks.

Reinstall the removed **TOP** rollers. It is recommended to apply medium strength blue Loctite® thread locker (or equivalent) to the shoulder screws' threads. After the shoulder screw is installed and tightened, apply thread locker and tighten lock nut using a 1/8" Allen wrench to hold the shoulder screw stationary.

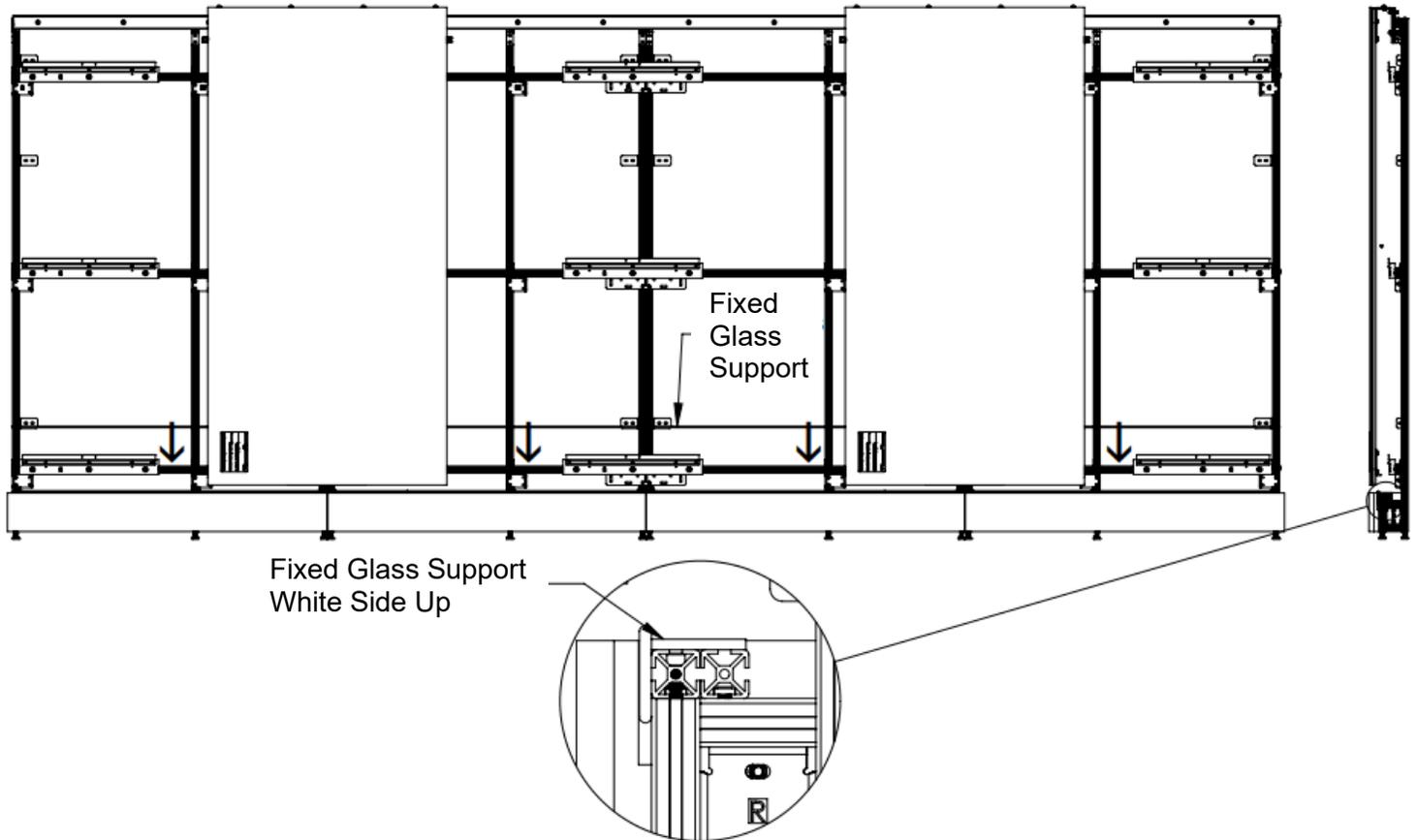
Adjust the bottom rollers turning the adjusting screw until smooth and quiet operation is obtained. Do not over tighten.



Step 11. Install the white 1-15/16"W x 1/4" thick fixed glass support panels using the factory applied tape to secure to the aluminum frame. Place the fixed glass support with no gap between the back of the track, with the white side up.

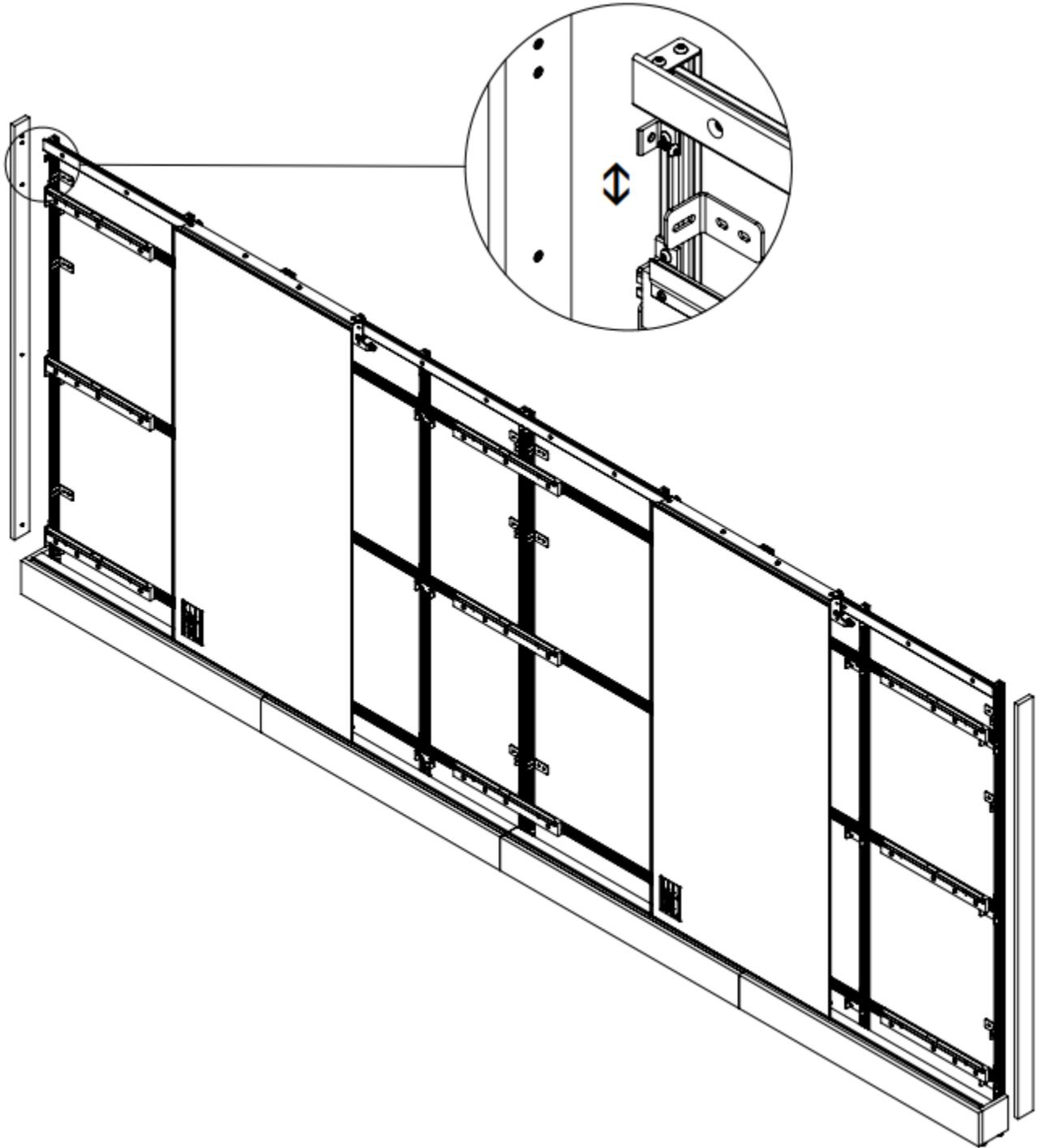
TIPS:

- A.) Dust off the aluminum supports with a clean towel.
- B.) Butt the ends of the panels together, aligning at the center of the frame assembly.



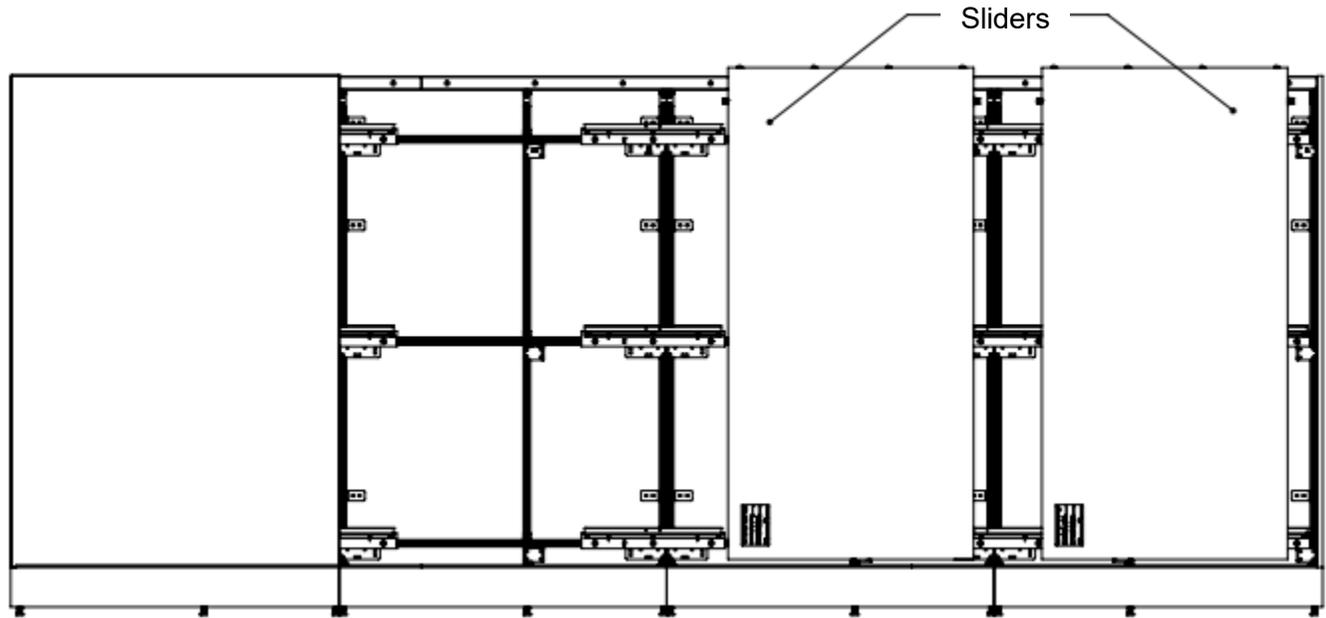
Step 12. Install the vertical side HPL panels using the provided 1/4"-20x9/16" BHCS.

TIP: Re-adjustment of the top bracket may be required to ensure a tight hairline joint with the bottom side panel(s).



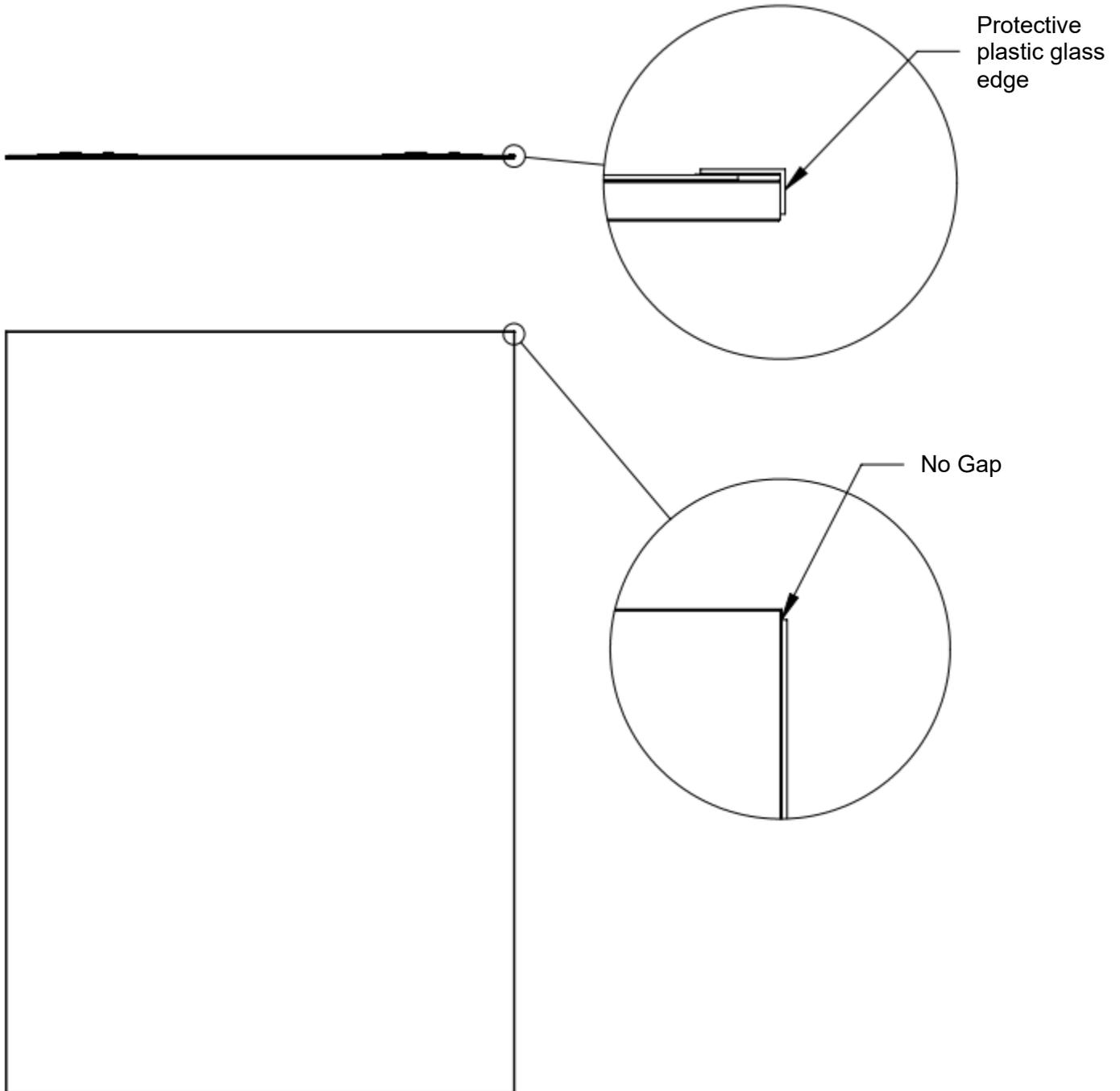
Step 13. Two (2) technicians are recommended for this step. Using suction cups, attach (1) fixed glass panel to the frame's French cleats.

TIP: It is recommended to install either left or right end panels first.



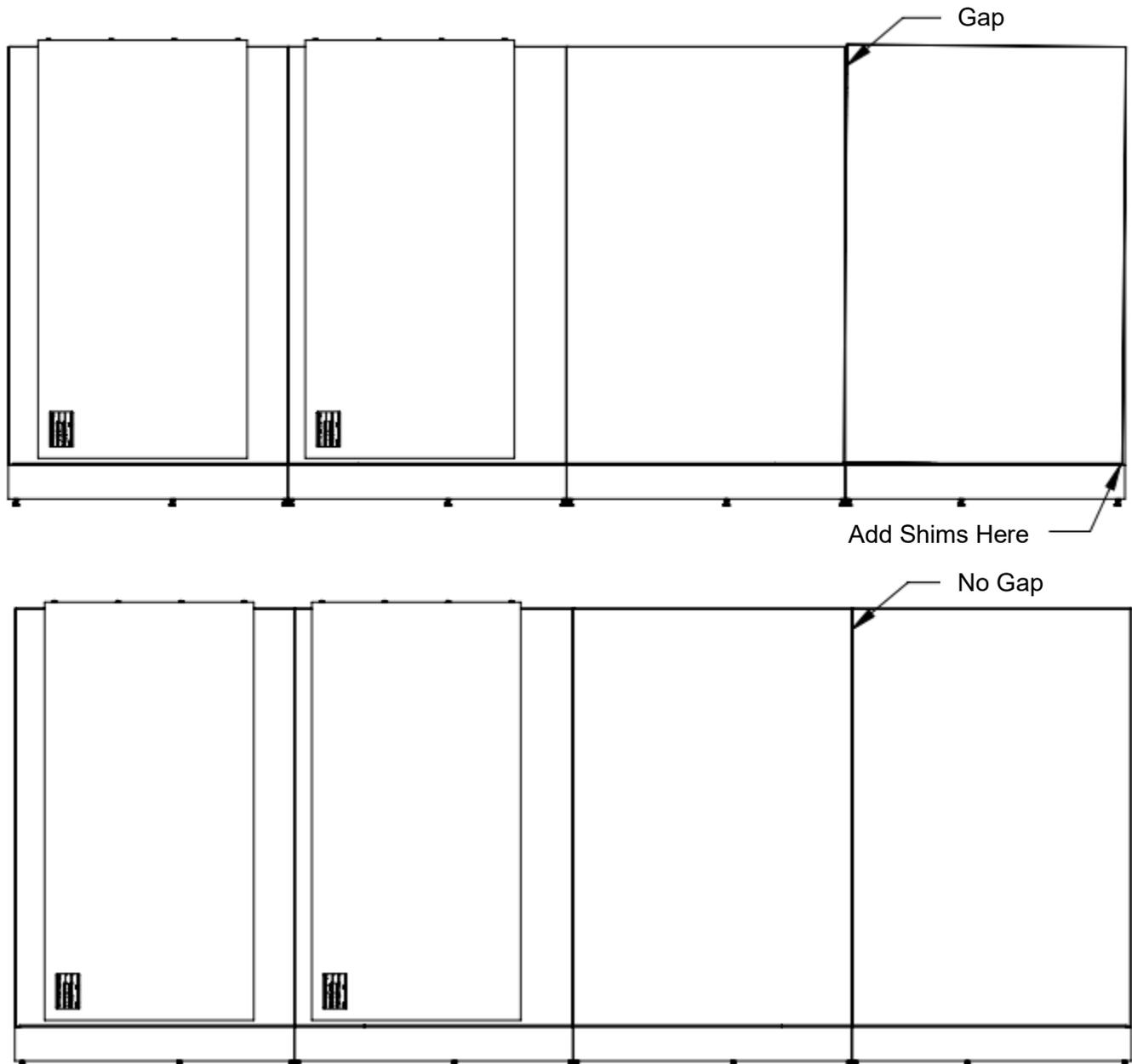
Step 14. Attach the protective plastic glass angle to the installed fixed glass by peeling the double-sided tape's exposed liner, then affix the tape to the back side of the glass.

TIP: Use a clean towel to wipe any residue off the back side and edge of the glass.



Step 15. Two (2) technicians are recommended for this step. Using suction cups, attach the remaining fixed glass panel(s) to the frame's French cleats and butt against the protective glass angle.

TIP: After attaching the fixed glass panels, use provided aluminum shims to create a hairline joint between the glass and protective plastic angle.



Step 16. Install the provided accessory marker holder to either the sliding panel assembly or adjacent wall as directed by the customer. Refer to the instructions provided with the marker holder.

Step 17. Remove any production labels from glass.

Step 18. Recycle all packaging material in accordance with local regulations.