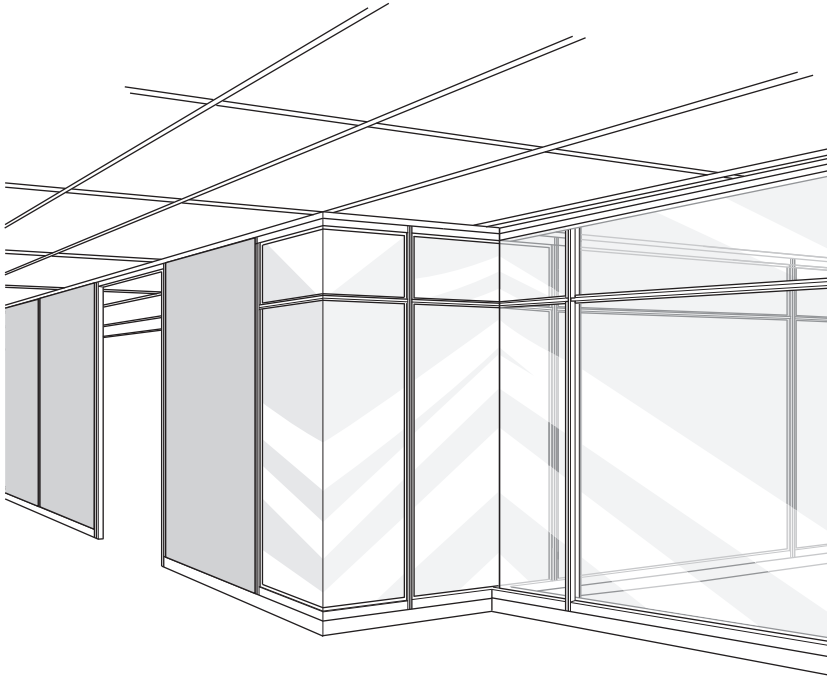
Steelcase®

Privacy Wall Glass Selections - “T” Corner Unit

Non-Seismic Applications*

* The building’s Engineer of Record must be consulted to determine if there are any seismic requirements.



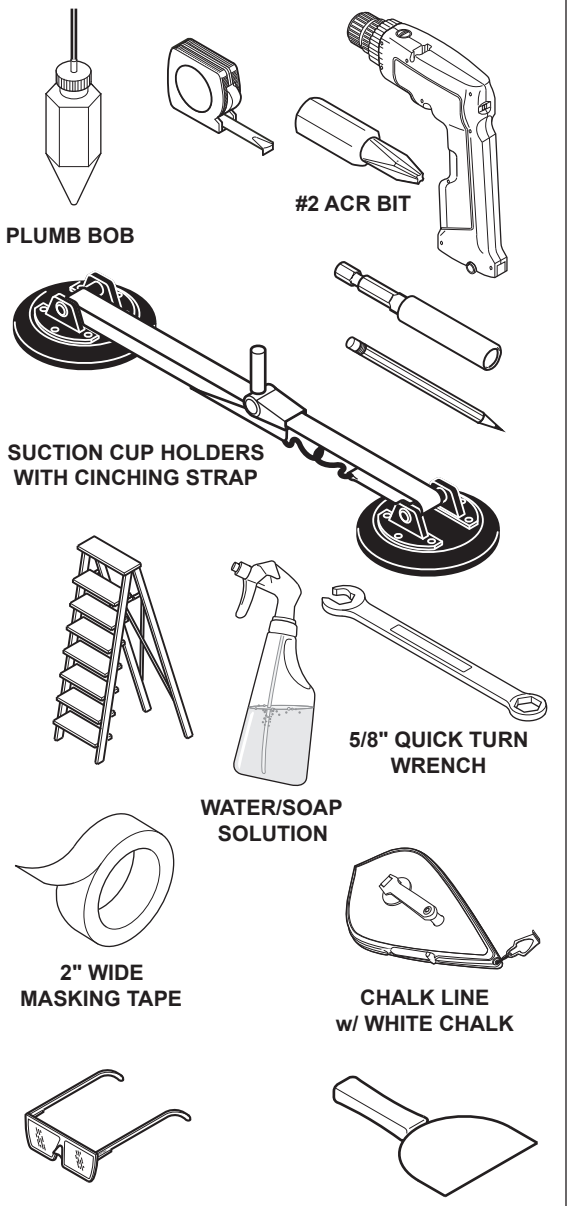
⚠ CAUTION

CRUSH HAZARD!
FAILURE TO PROPERLY SECURE PRIVACY WALL TO THE BUILDING COULD RESULT IN PERSONAL INJURY.

Read the entire Assembly Directions before beginning installation.

Building construction varies greatly. The Building’s Engineer of Record is responsible for the design of building floors, ceilings and walls which Privacy Wall attaches to and must verify the adequancy of the mounting solutions, even if provided by Steelcase.

The building owner or designated agent is responsible for verifying that the installation is in compliance with all local codes and regulations.



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www.steelcase.com

Grand Rapids, MI 49501 U.S.A.

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Doc # 76185 Rev J

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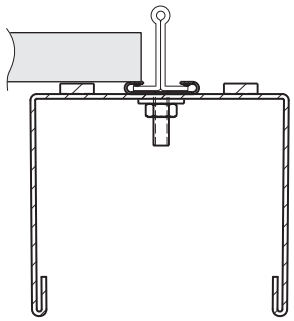
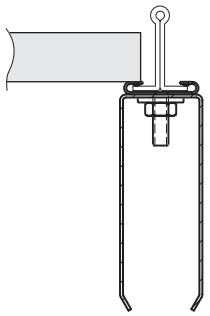
Channel Mounting Option*

* The building's designated design professional (Architect or Engineer) must verify that the ceiling grid is adequate to support lateral loads imposed by Privacy Wall. Local codes may require independent bracing.



15/16" tee, flat tile with a overlap ceiling channel

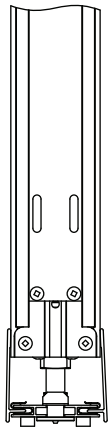


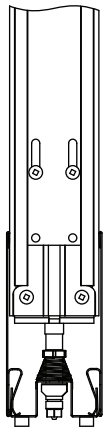
15/16" tee, flat tile with a recessed ceiling channel

NOTE: Ceiling Track Options are Overlap and Recessed. Various ceiling clip styles exist, see Spec Guide for options.

Base Trim Option*

2.5" Base Trim





5" Base Trim

NOTE: See Assembly Directions 939500485, doc 76184 for base trim applications.

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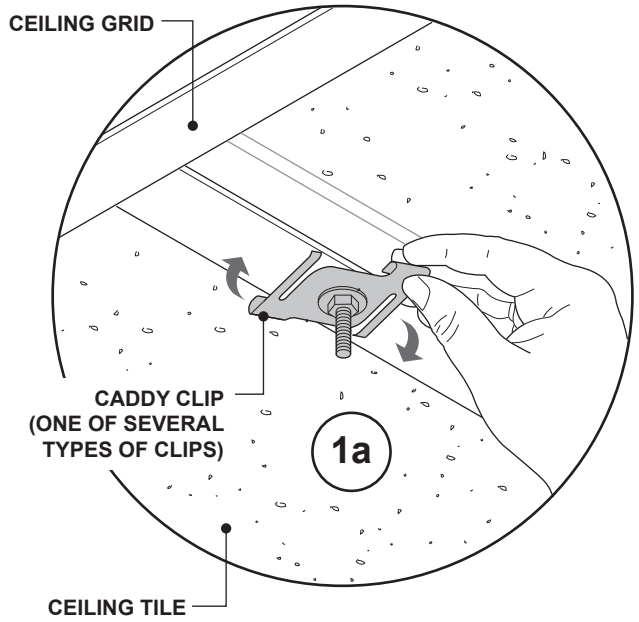
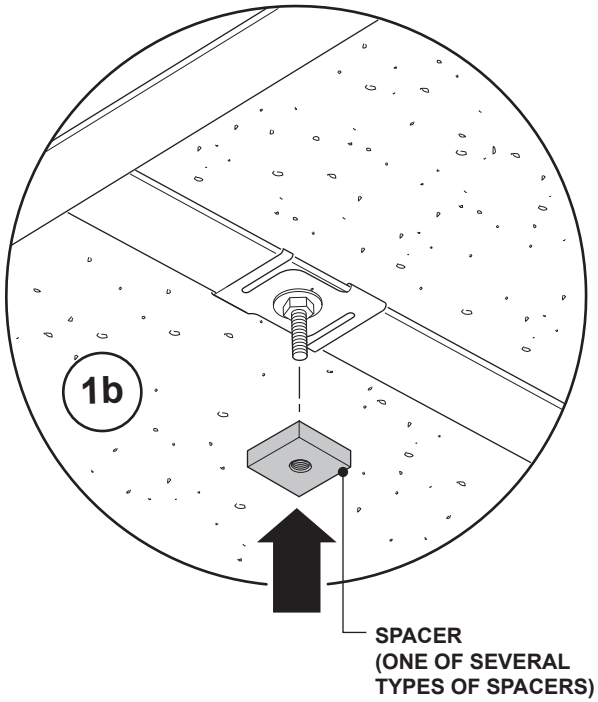
Transom Application

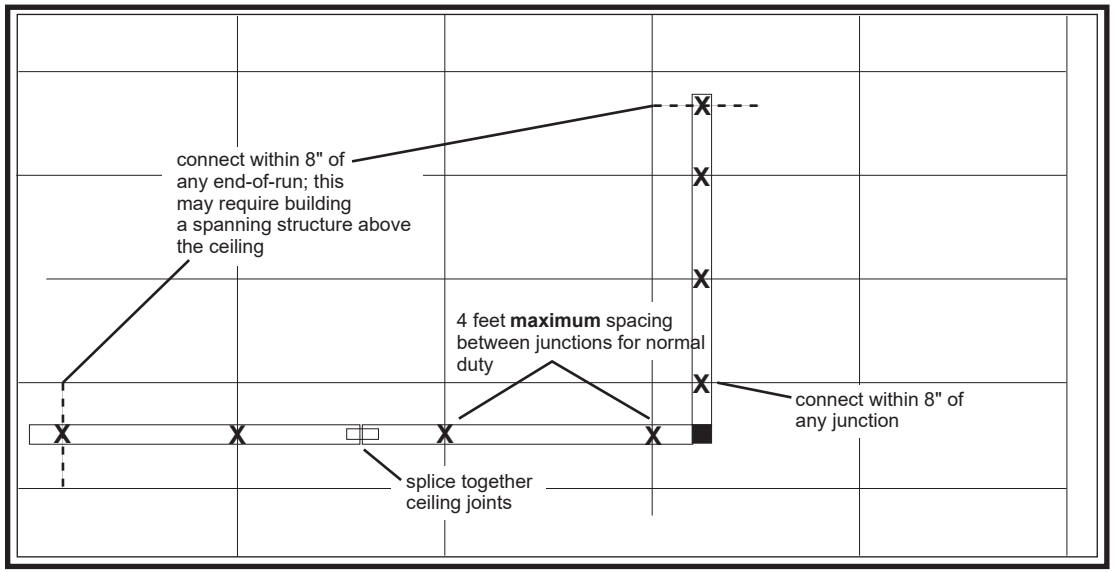
Installing Ceiling Channels

1. Attach the ceiling track to your ceiling incompliance with local building codes and common local practice as directed by the lead installer. See matrix for typical handling of common ceiling conditions.

Connections should be made at least every four feet for normal duty and at least every two feet for heavy duty and along straight runs, and within eight inches of the end of any run. Each off-module connection or junction should also have a connection within eight inches of the joint.







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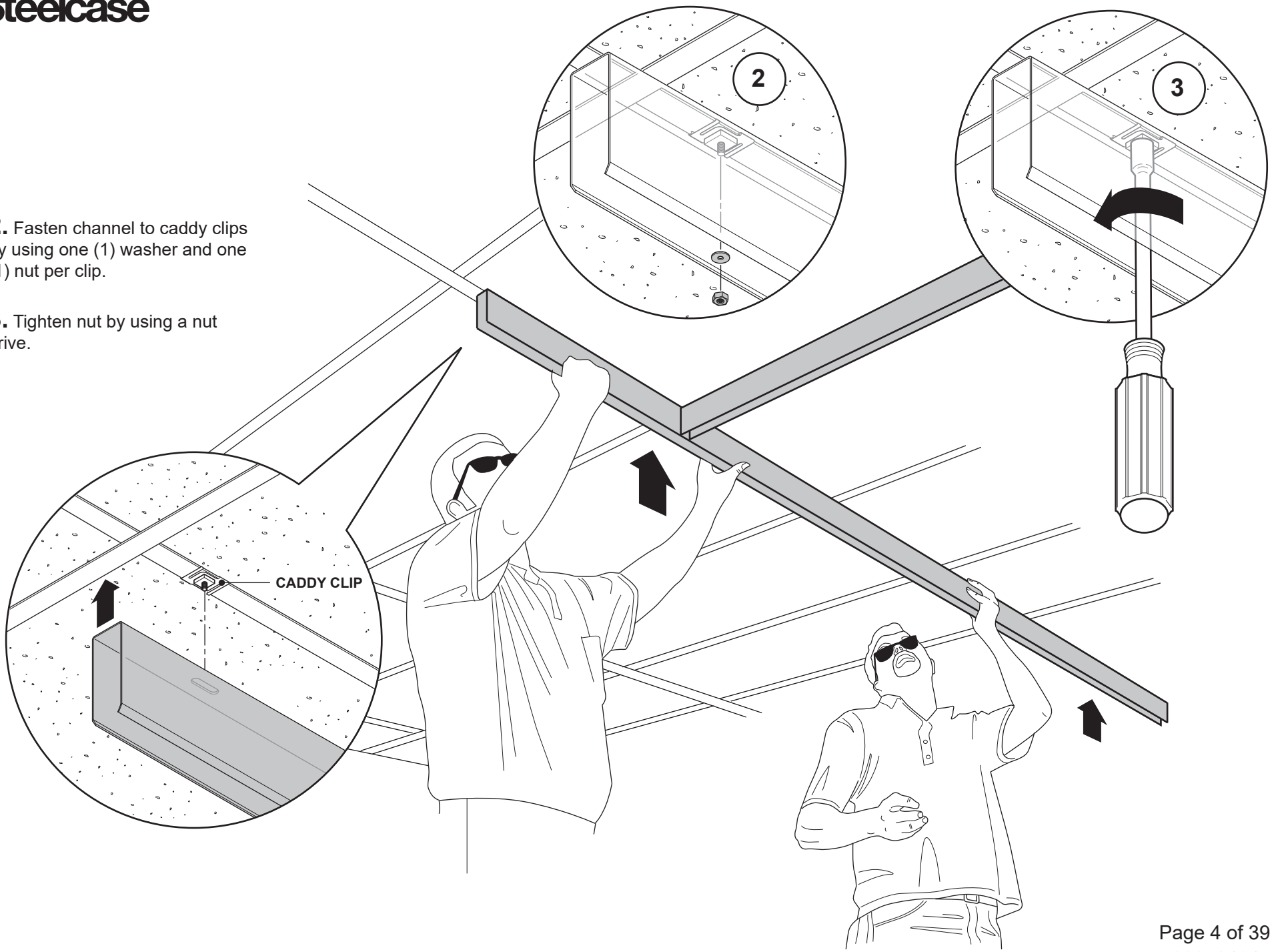
2. Fasten channel to caddy clips by using one (1) washer and one (1) nut per clip.

3. Tighten nut by using a nut drive.



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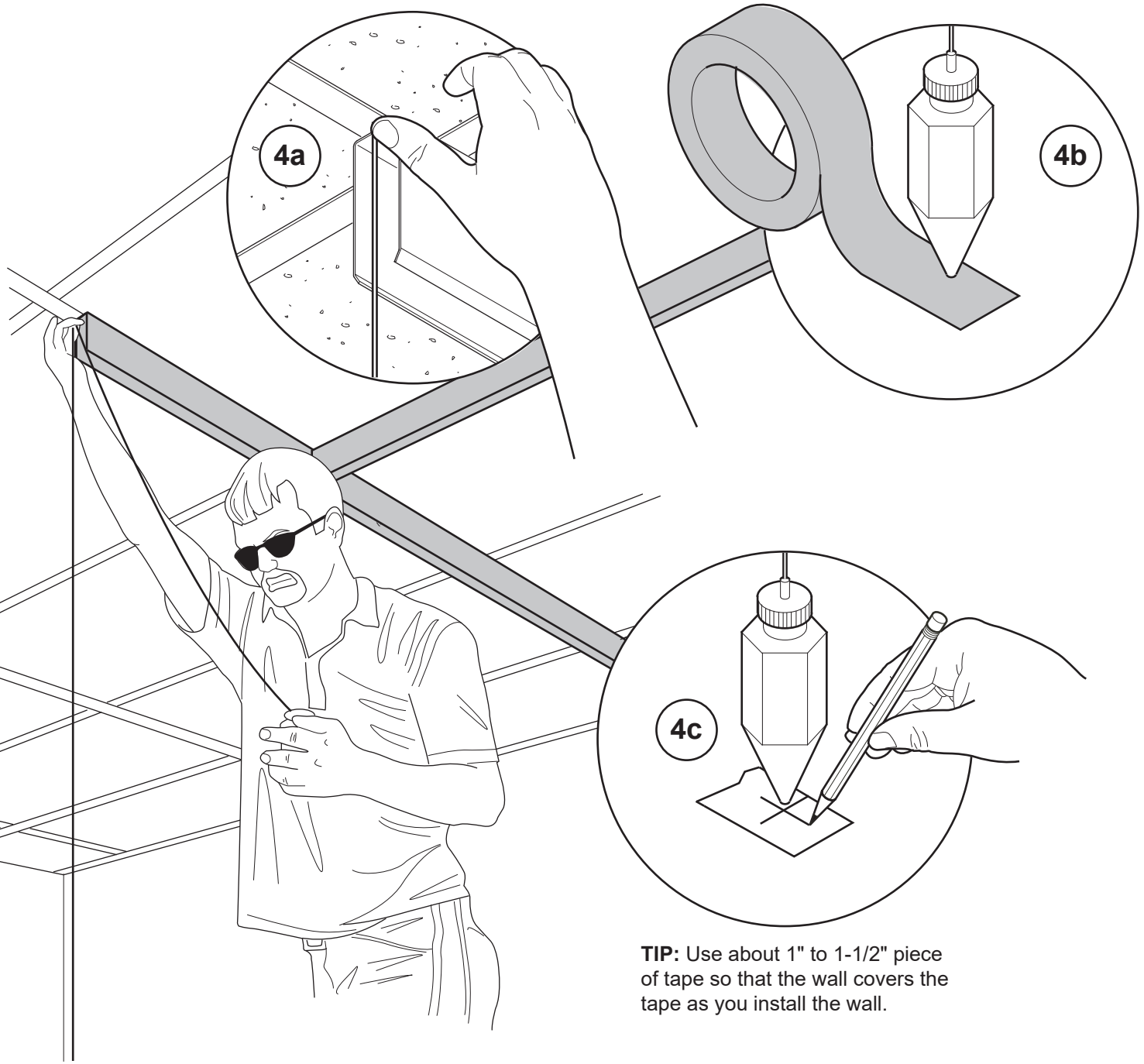
4. Hold a plumb bob on center at the end of the channel (4a) and plumb down to the floor to establish center lines (4b). Place a piece of masking tape onto the floor under the plumb bob and mark with a pencil (4c). Repeat procedure at other end of channel.



TIP: Use about 1" to 1-1/2" piece of tape so that the wall covers the tape as you install the wall.

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CAUTION: When installing Steelcase Privacy Solid Wall over Steelcase Low-Profile floor, floor gripper part number Q0255035001 MUST be applied to all leveler screws to distribute wall / applied furniture loading. Failure to consider application and loading may result in wall disengagement from ceiling track, resulting in personal injury.

NOTE: When the Privacy Wall is fully loaded, the wall has the potential to deliver 1,200 pounds per leveler screw to floor condition. Leveler screws loaded to 1,200 pounds will exert local pressure loading of 11,000 PSI. Floor type / Steelcase product application must be properly matched in accordance with local building codes and floor condition to avoid flooring damage and ensure proper performance of Steelcase Wall Systems.

NOTE: Mounting hardware must be specified/verified by the designated design professional by the AHJ.

NOTE: Panels which are configured for 2.5” base trim are not compatible with the universal floor gripper. Panels that are required to be secured to the floor must be directly anchored to the floor with conventional fasteners.

Process for Carpet and Tile Floor tape application ONLY

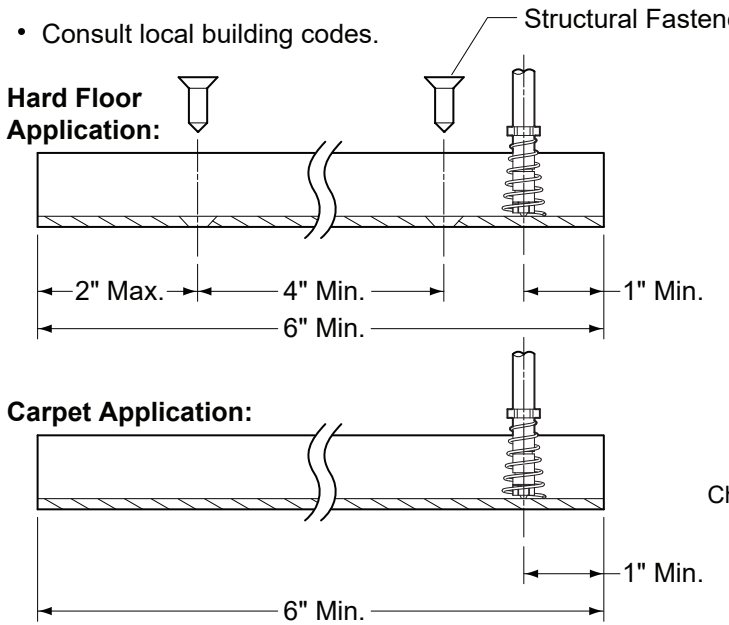
- Floor gripper to be cleaned using Acetone soaked cloth prior to applying pressure sensitive tape or carpet gripper tape.
- Attach pressure sensitive tape for 24 hours prior to loading. (Confirm application with local building codes)

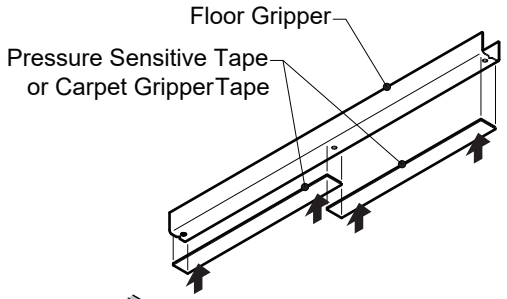
or

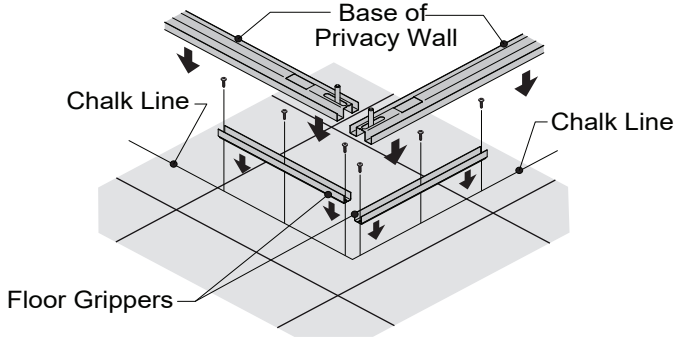
- Attach carpet gripper tape for 24 hours prior to loading. (Confirm application with local building codes)

Mechanical fastening ONLY

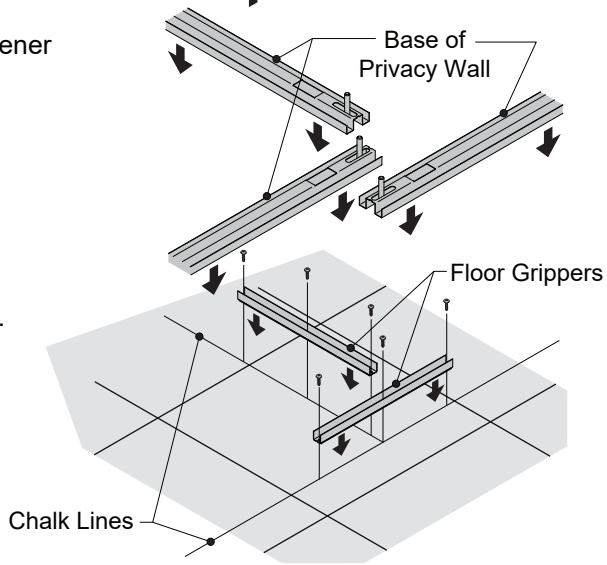
- Consult local building codes.



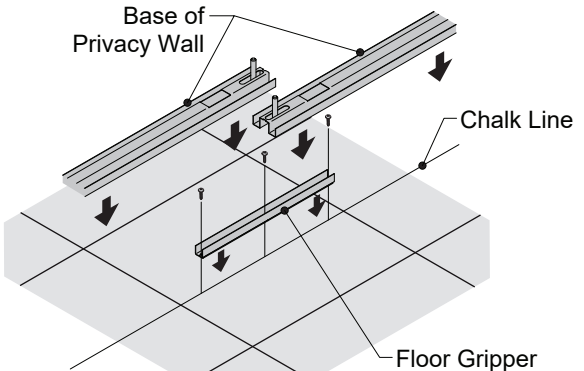




'L' Configuration
NOTE: Fasteners shown for mechanical fastening only.



'T' Configuration
NOTE: Fasteners shown for mechanical fastening only.



In-line Configuration
NOTE: Fasteners shown for mechanical fastening only.

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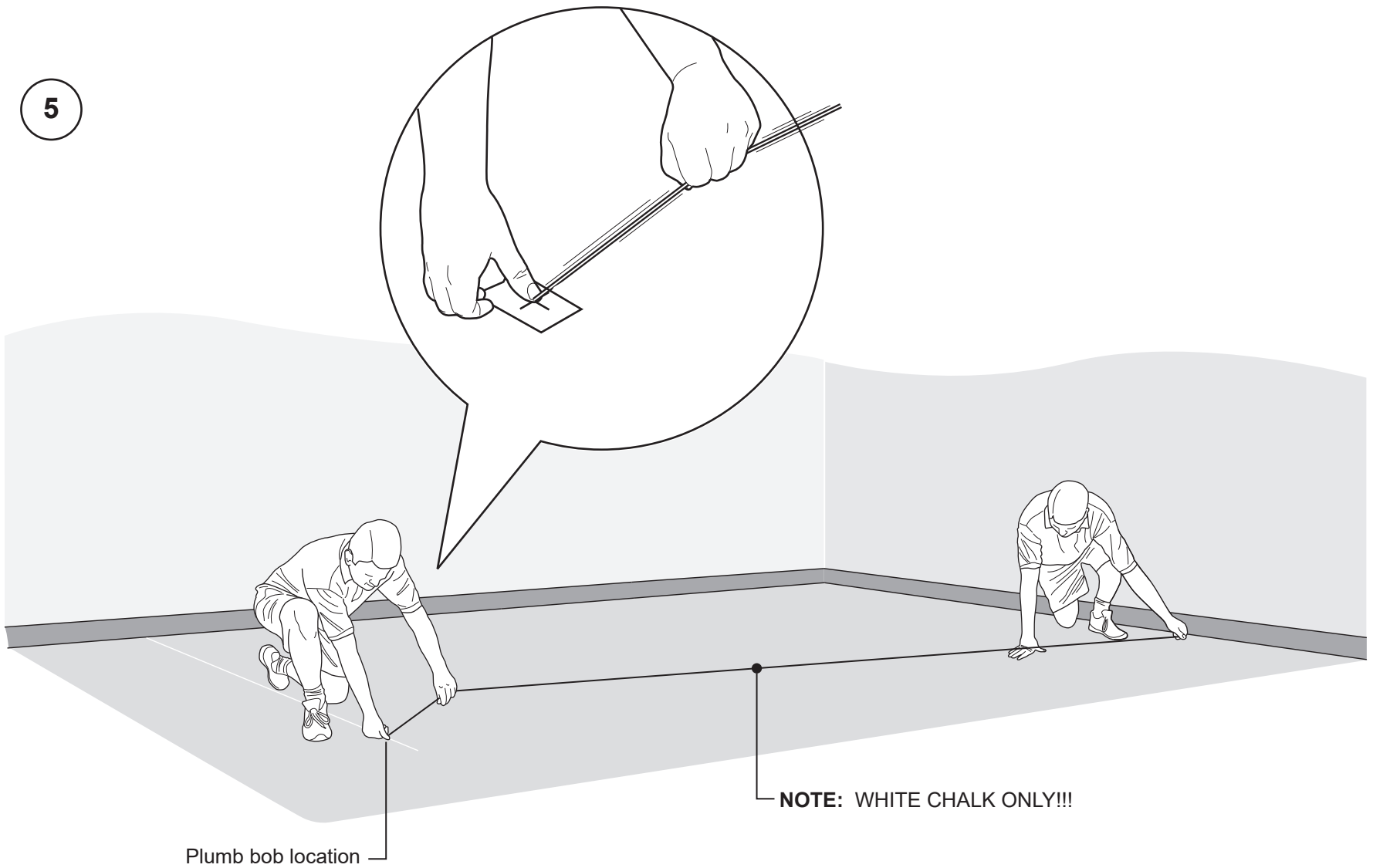

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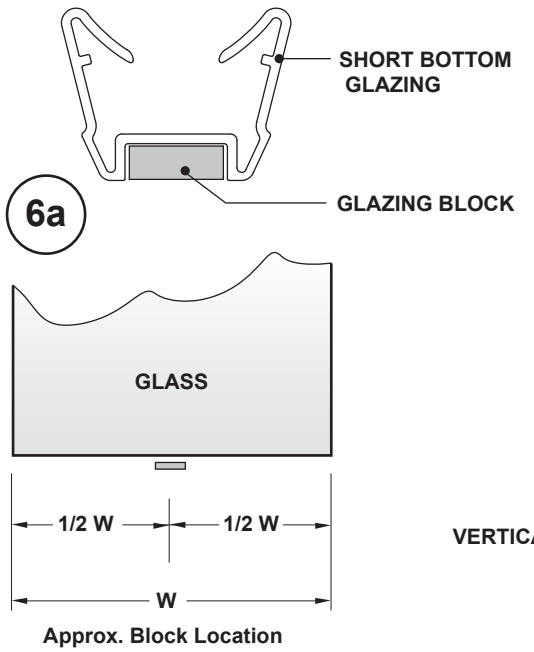
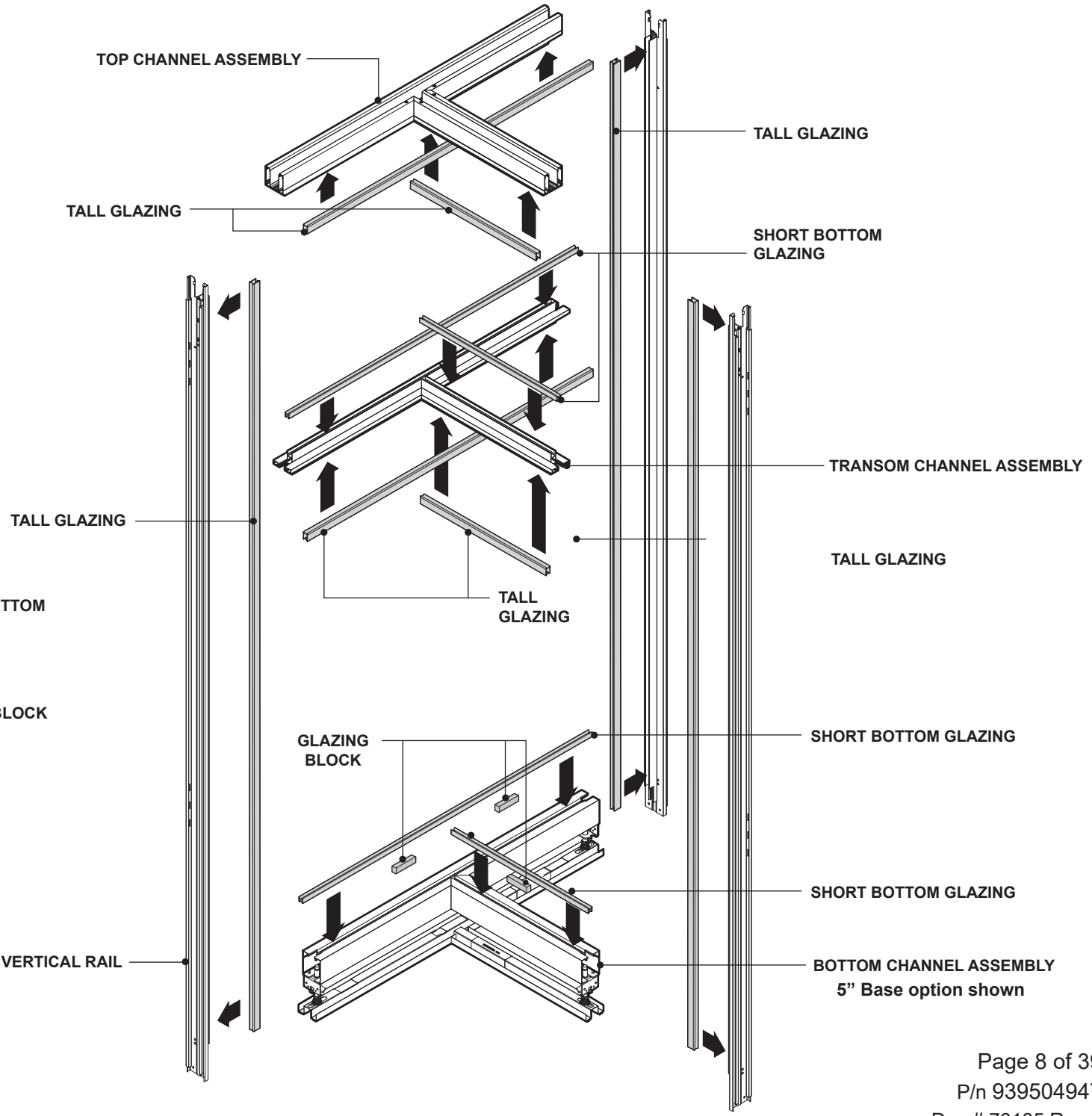
6. Install glazing strips into the "T" sub assemblies and the three (3) vertical rails. Fully seat the glazing strips into the grooves.

6a. Install one (1) glazing block per lite. Glazing block on bottom **ONLY**.



Approx. Block Location



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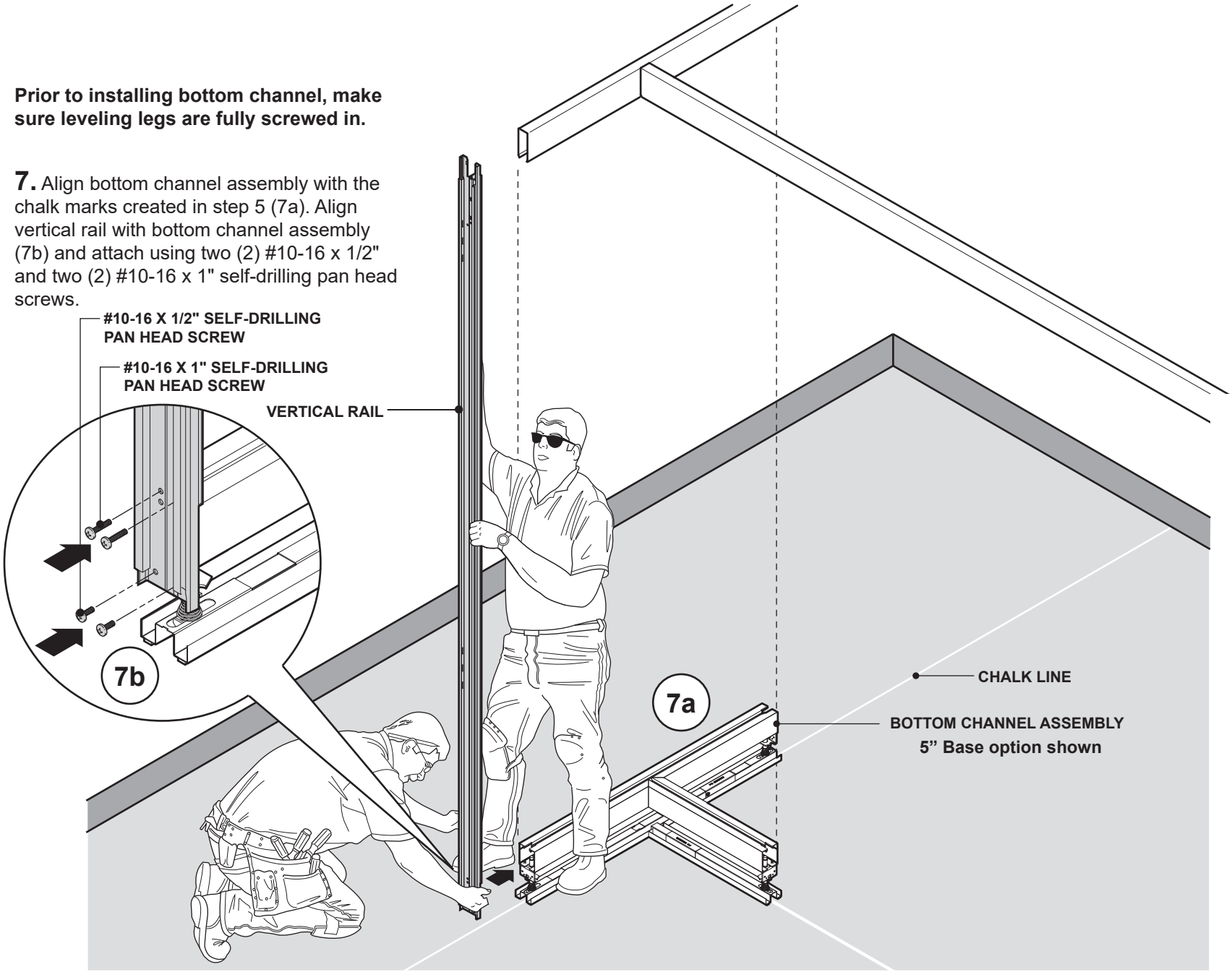
Prior to installing bottom channel, make sure leveling legs are fully screwed in.

7. Align bottom channel assembly with the chalk marks created in step 5 (7a). Align vertical rail with bottom channel assembly (7b) and attach using two (2) #10-16 x 1/2" and two (2) #10-16 x 1" self-drilling pan head screws.



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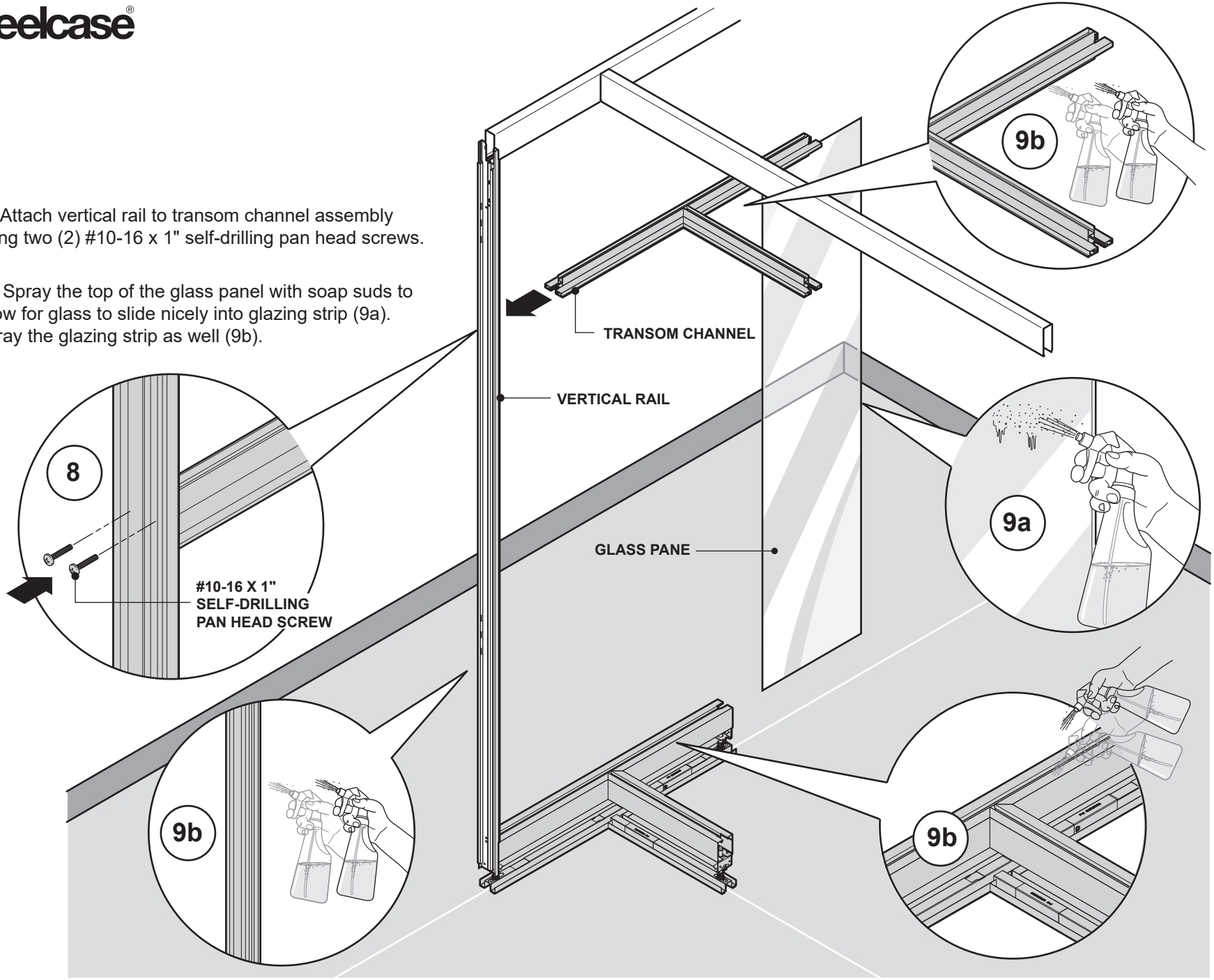
8. Attach vertical rail to transom channel assembly using two (2) #10-16 x 1" self-drilling pan head screws.

9. Spray the top of the glass panel with soap suds to allow for glass to slide nicely into glazing strip (9a). Spray the glazing strip as well (9b).



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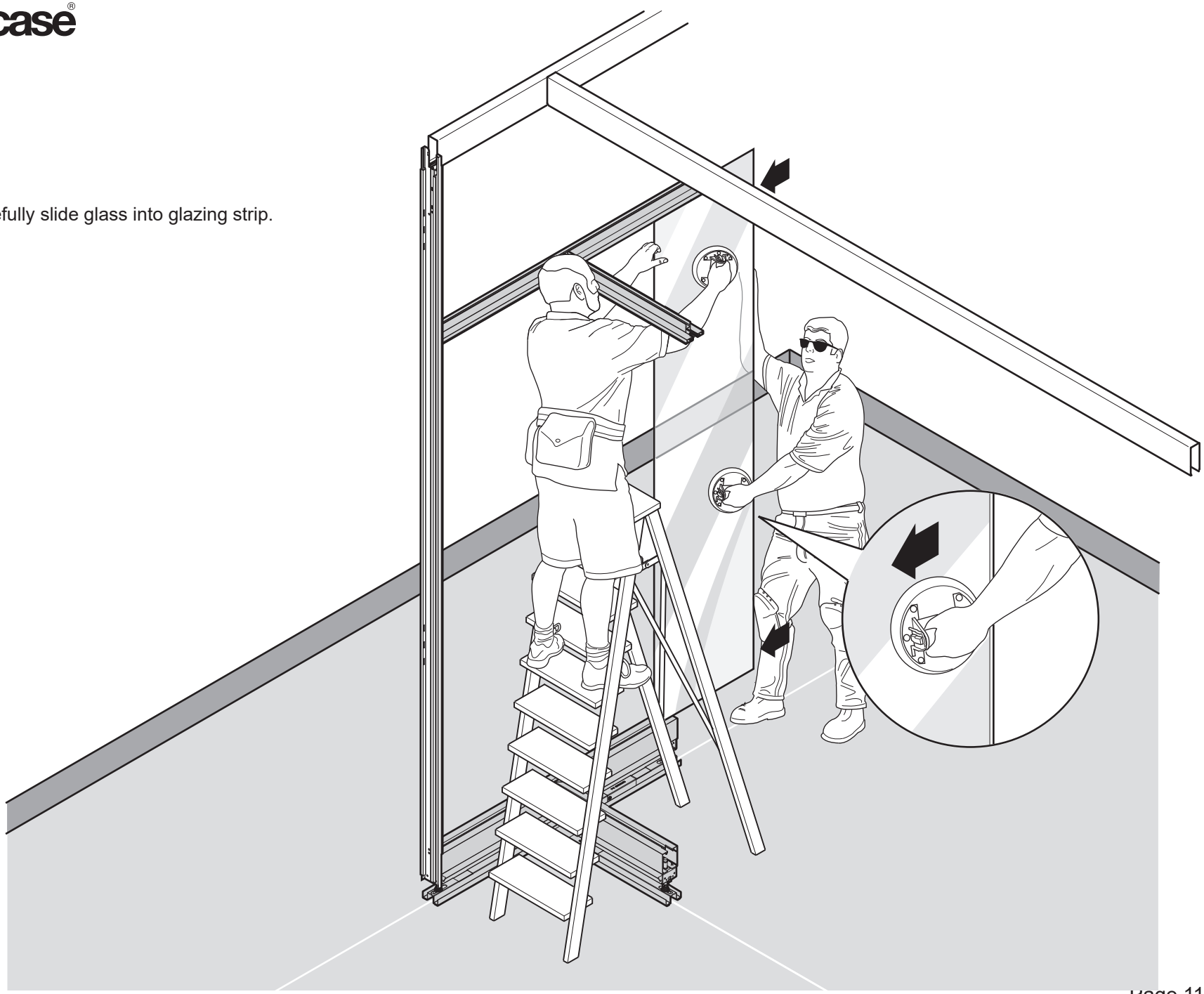
10. Carefully slide glass into glazing strip.



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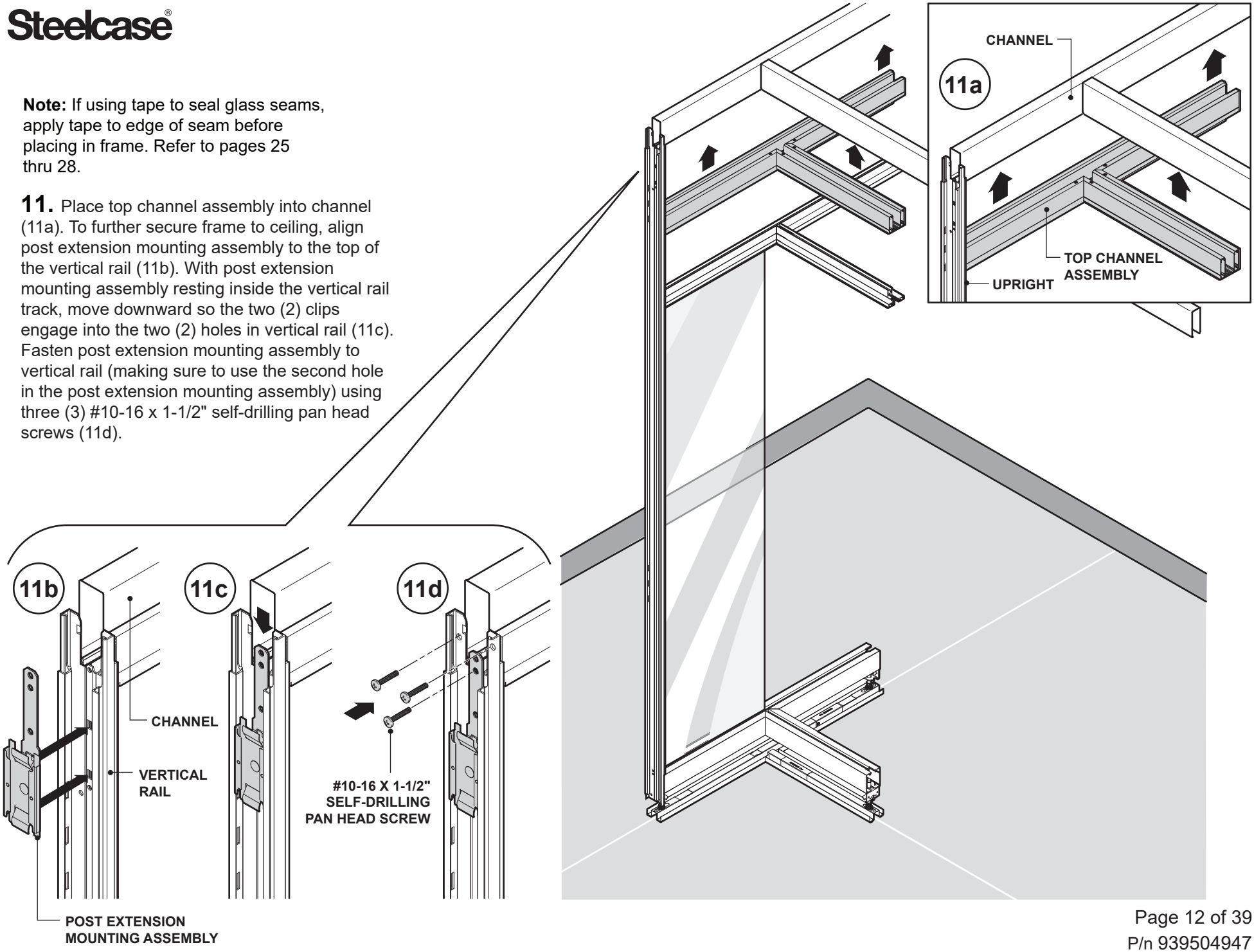
Note: If using tape to seal glass seams, apply tape to edge of seam before placing in frame. Refer to pages 25 thru 28.

11. Place top channel assembly into channel (11a). To further secure frame to ceiling, align post extension mounting assembly to the top of the vertical rail (11b). With post extension mounting assembly resting inside the vertical rail track, move downward so the two (2) clips engage into the two (2) holes in vertical rail (11c). Fasten post extension mounting assembly to vertical rail (making sure to use the second hole in the post extension mounting assembly) using three (3) #10-16 x 1-1/2" self-drilling pan head screws (11d).



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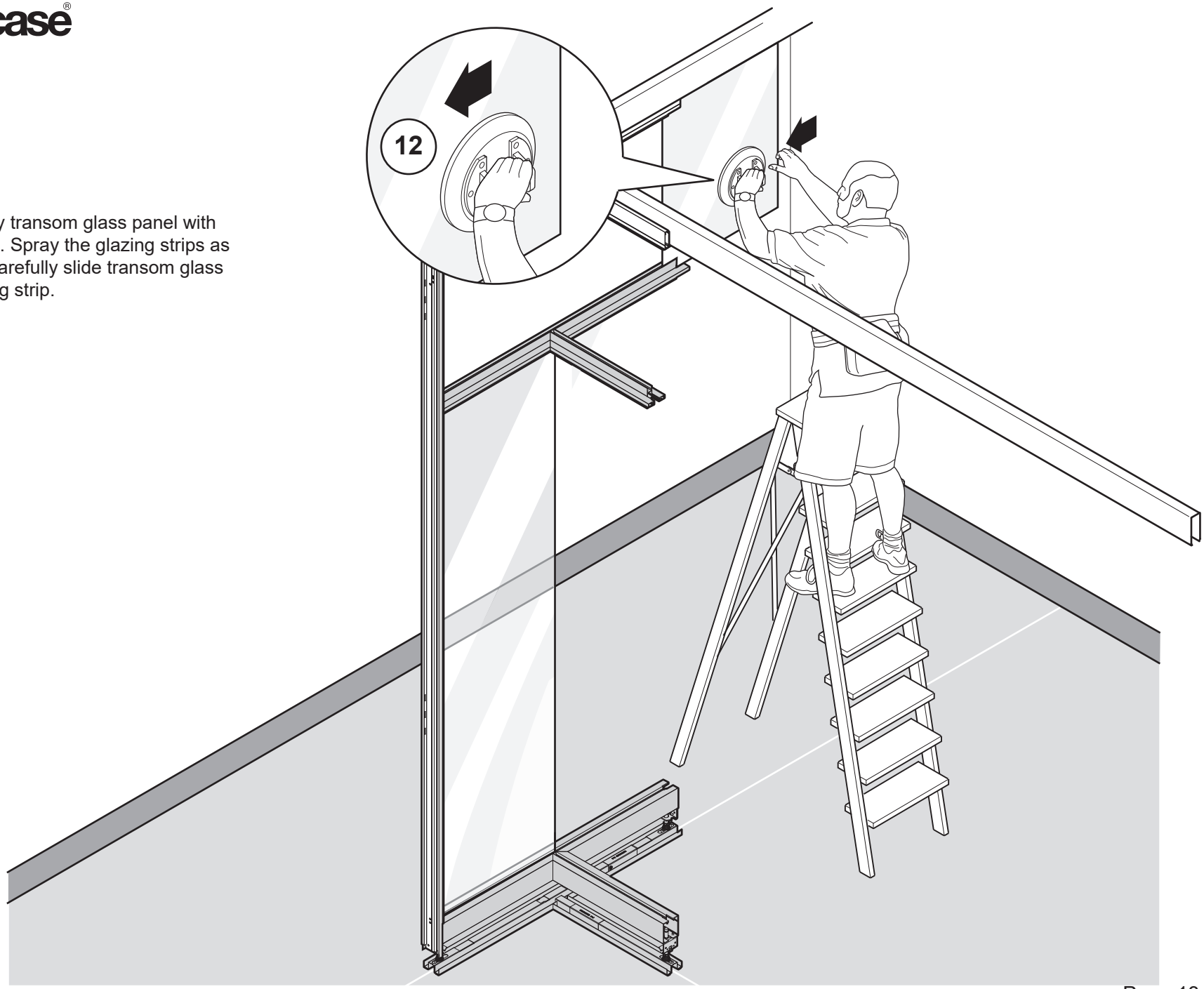
12. Spray transom glass panel with soap suds. Spray the glazing strips as well and carefully slide transom glass into glazing strip.



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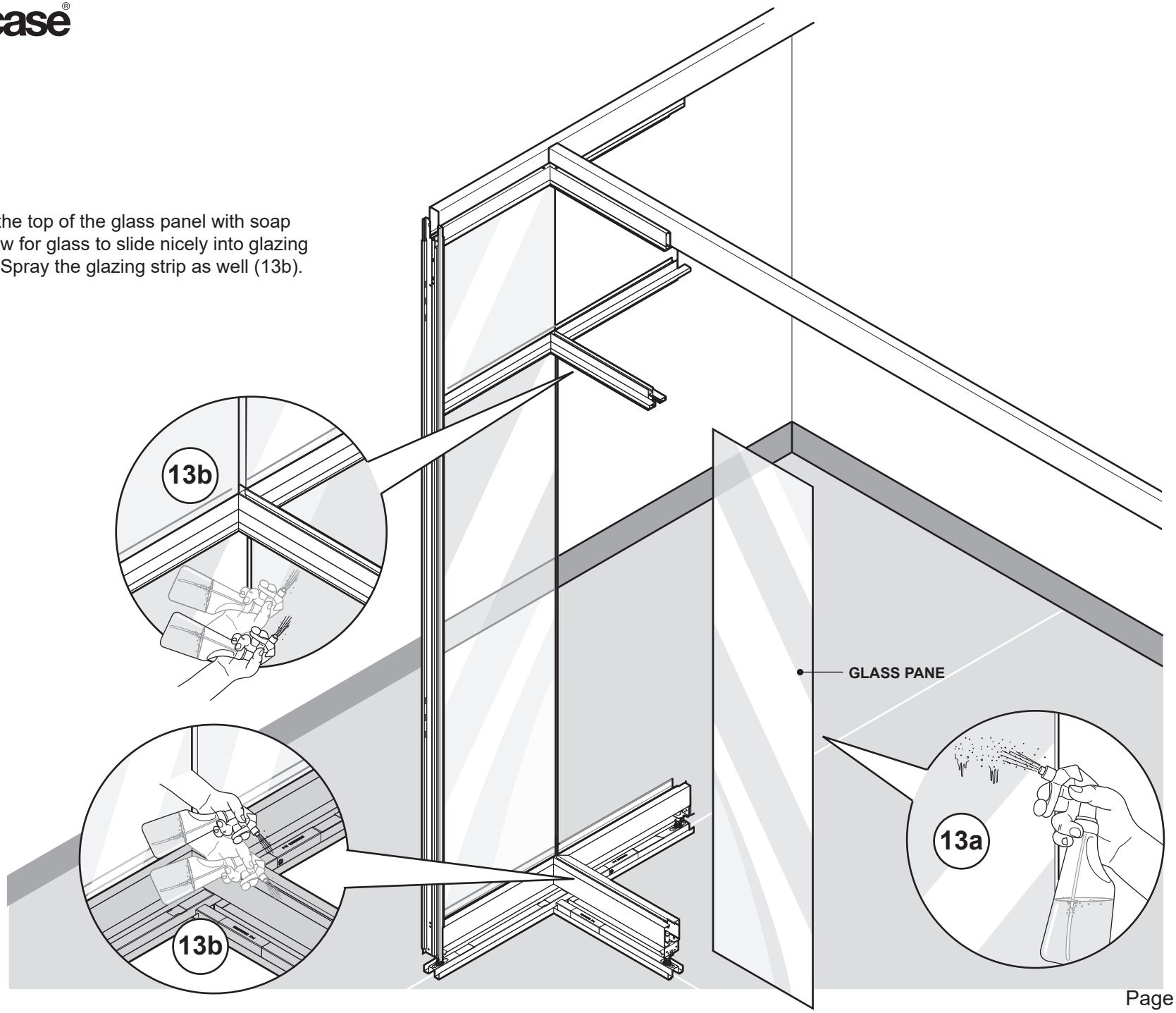
13. Spray the top of the glass panel with soap suds to allow for glass to slide nicely into glazing strip (13a). Spray the glazing strip as well (13b).



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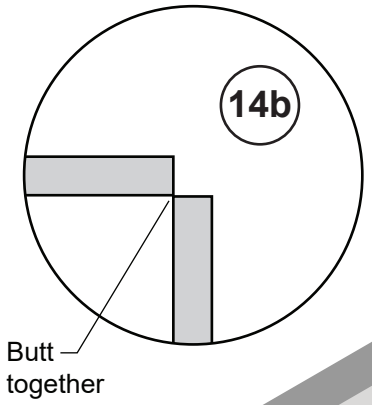
Note: If using tape to seal glass seams, apply tape to edge of seam before placing in frame. Refer to pages 25 thru 28.

14. Carefully slide glass into glazing strip (14a). See top view for the configuration between the two glass panes (14b).

Top View of Glass Pane Configuration



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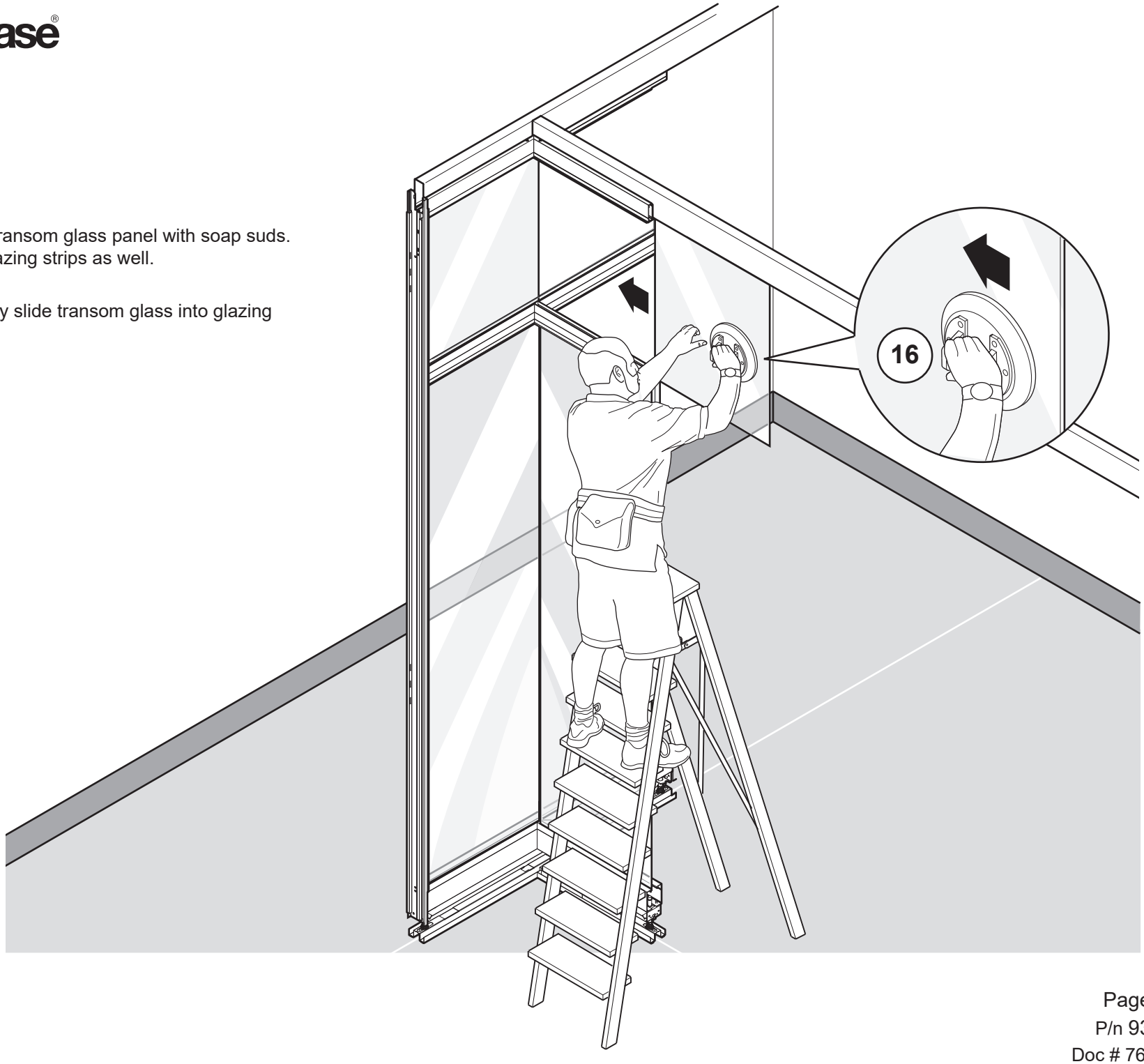
15. Spray transom glass panel with soap suds. Spray the glazing strips as well.

16. Carefully slide transom glass into glazing strip.



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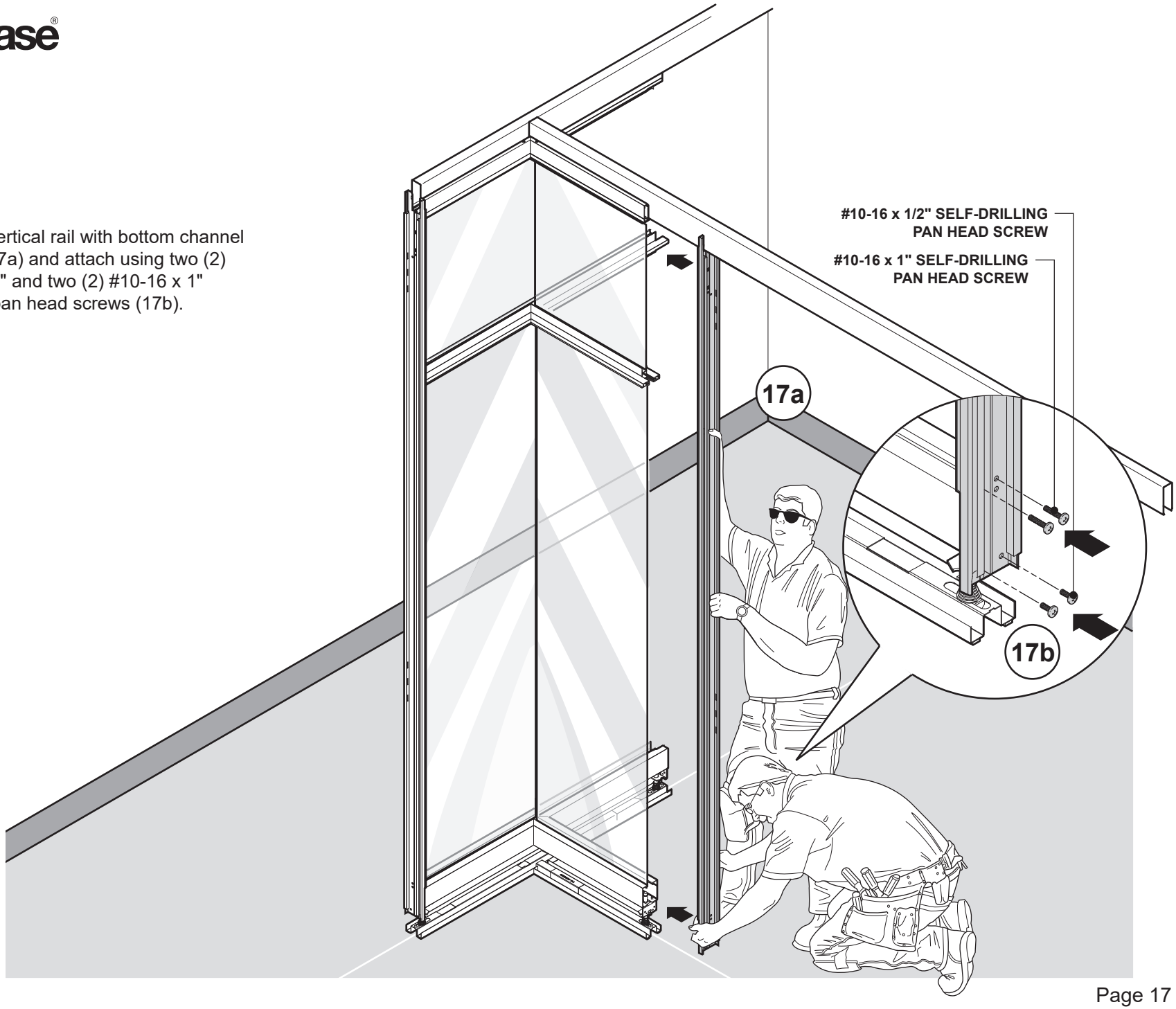
17. Align vertical rail with bottom channel assembly (17a) and attach using two (2) #10-16 x 1/2" and two (2) #10-16 x 1" self-drilling pan head screws (17b).



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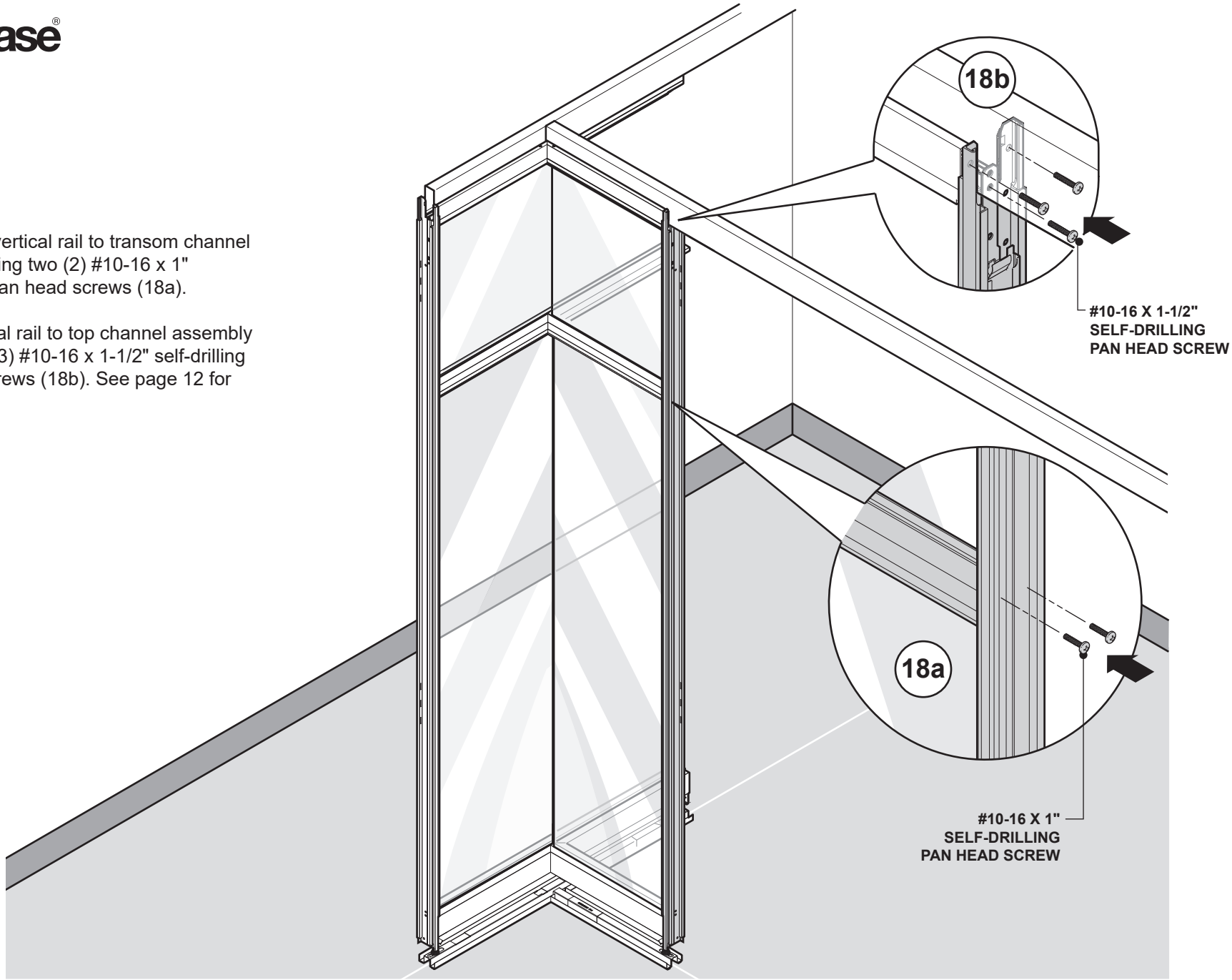
18. Attach vertical rail to transom channel assembly using two (2) #10-16 x 1" self-drilling pan head screws (18a).

Attach vertical rail to top channel assembly using three (3) #10-16 x 1-1/2" self-drilling pan head screws (18b). See page 12 for more clarity.



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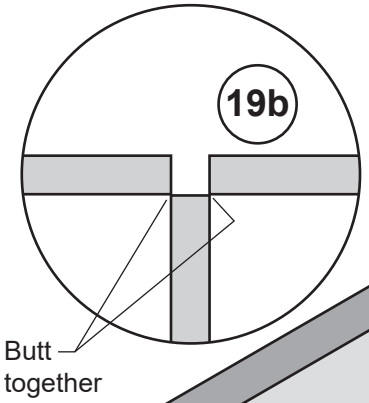
Note: If using tape to seal glass seams, apply tape to edge of seam before placing in frame. Refer to pages 29 thru 32.

19. Spray glass pane with soap suds. Spray the glazing strips as well and carefully slide glass into glazing strip (19a). See top view for the configuration between the three glass panes (19b).

Top View of Glass Pane Configuration



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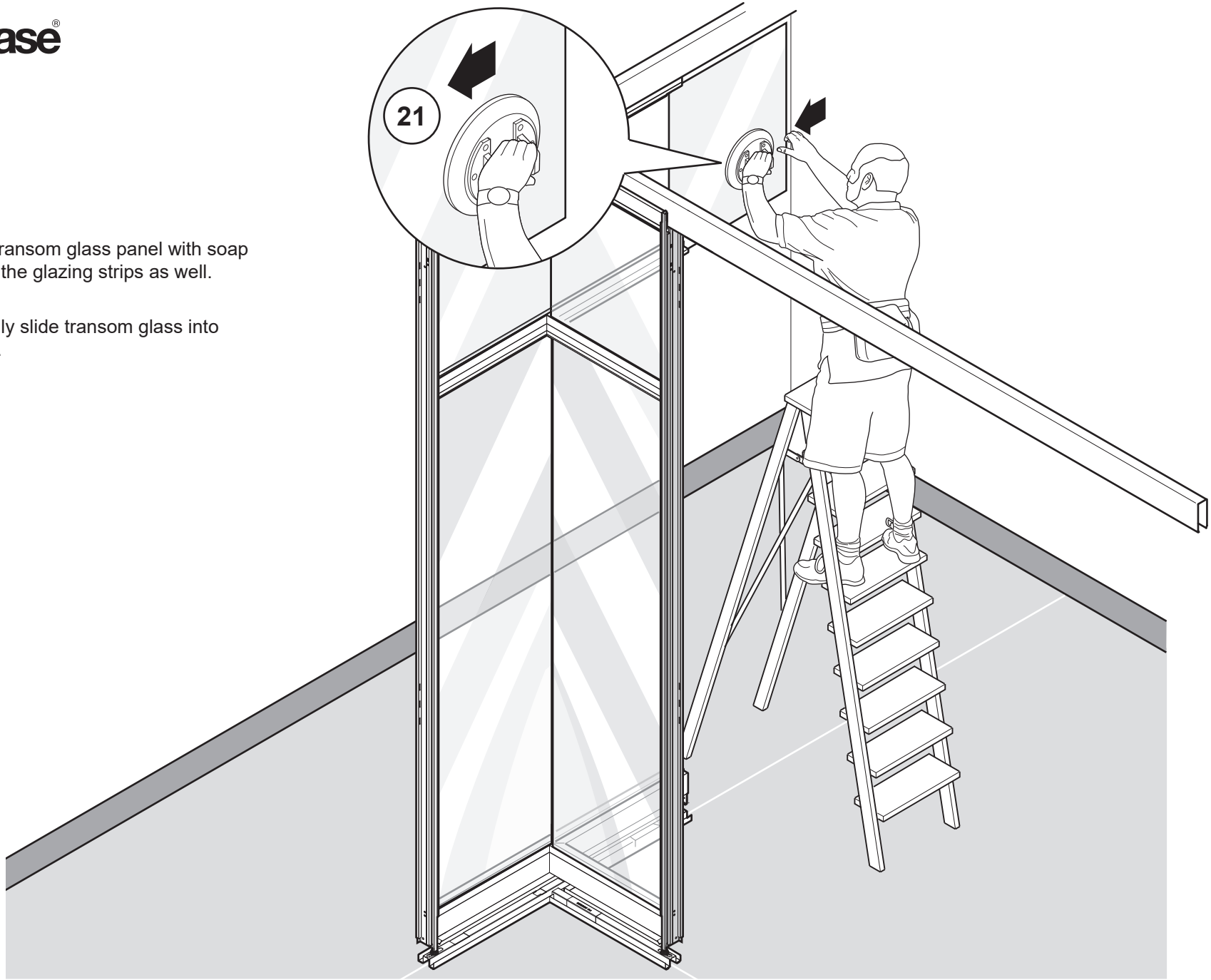
20. Spray transom glass panel with soap suds. Spray the glazing strips as well.

21. Carefully slide transom glass into glazing strip.



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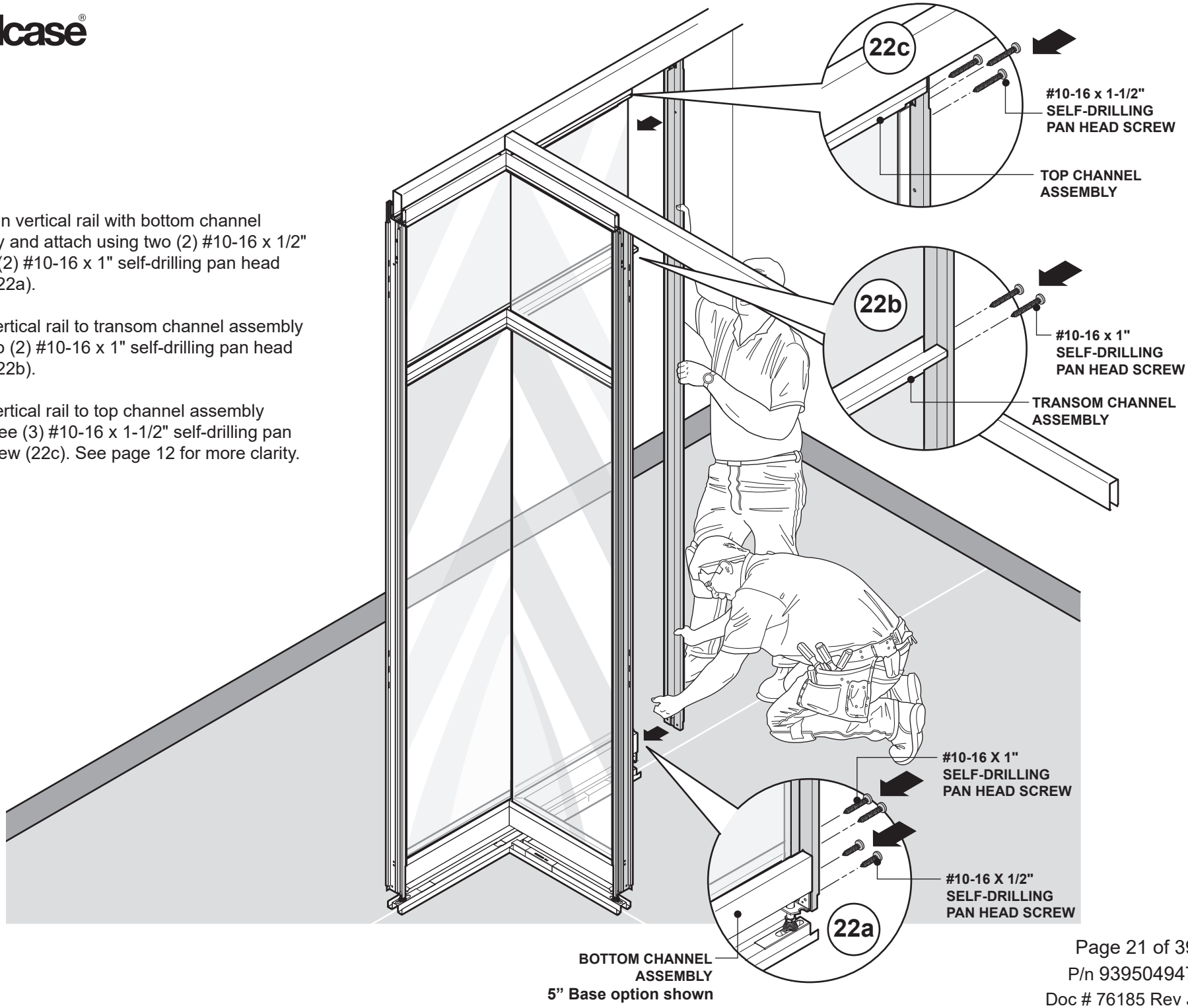
22. Align vertical rail with bottom channel assembly and attach using two (2) #10-16 x 1/2" and two (2) #10-16 x 1" self-drilling pan head screws (22a).

Attach vertical rail to transom channel assembly using two (2) #10-16 x 1" self-drilling pan head screws (22b).

Attach vertical rail to top channel assembly using three (3) #10-16 x 1-1/2" self-drilling pan head screw (22c). See page 12 for more clarity.



5" Base option shown

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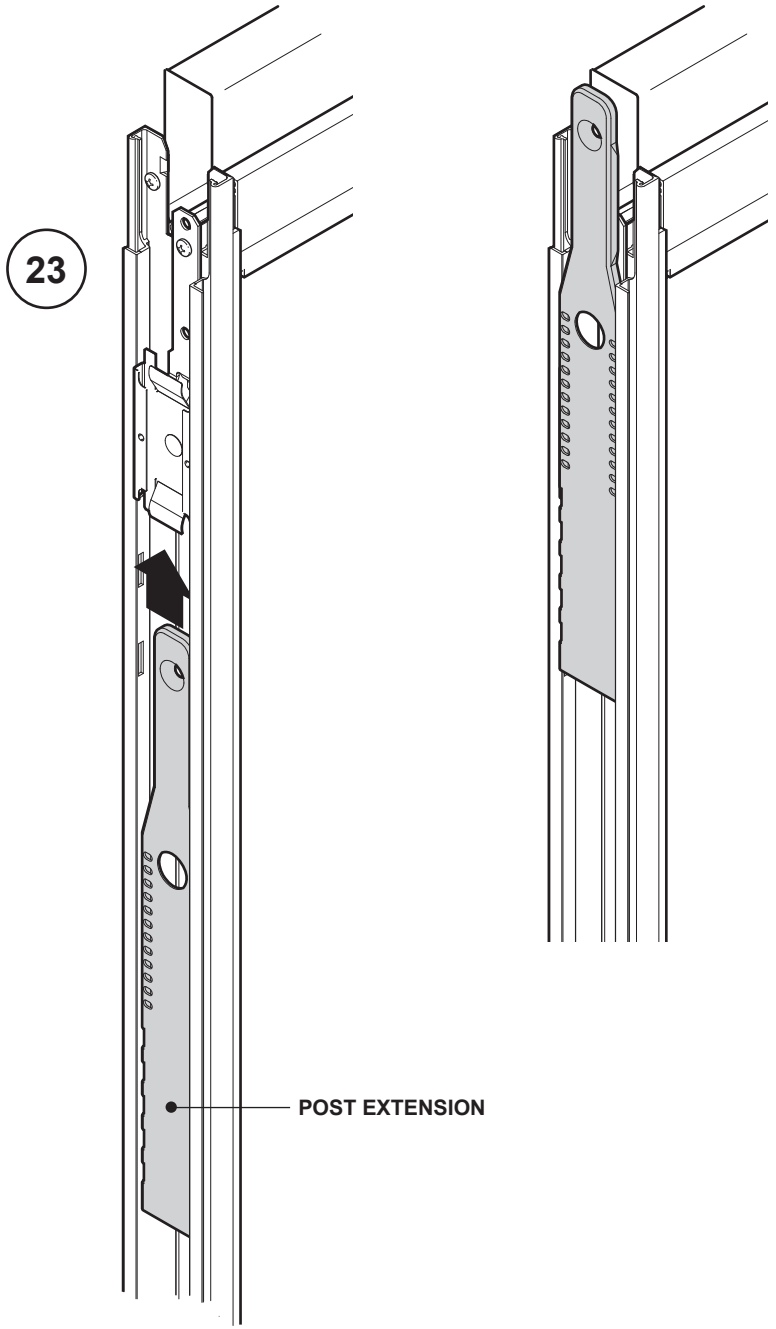
23. Place post extension into post extension mounting assembly and slide upward so the post extension engages into the channel.



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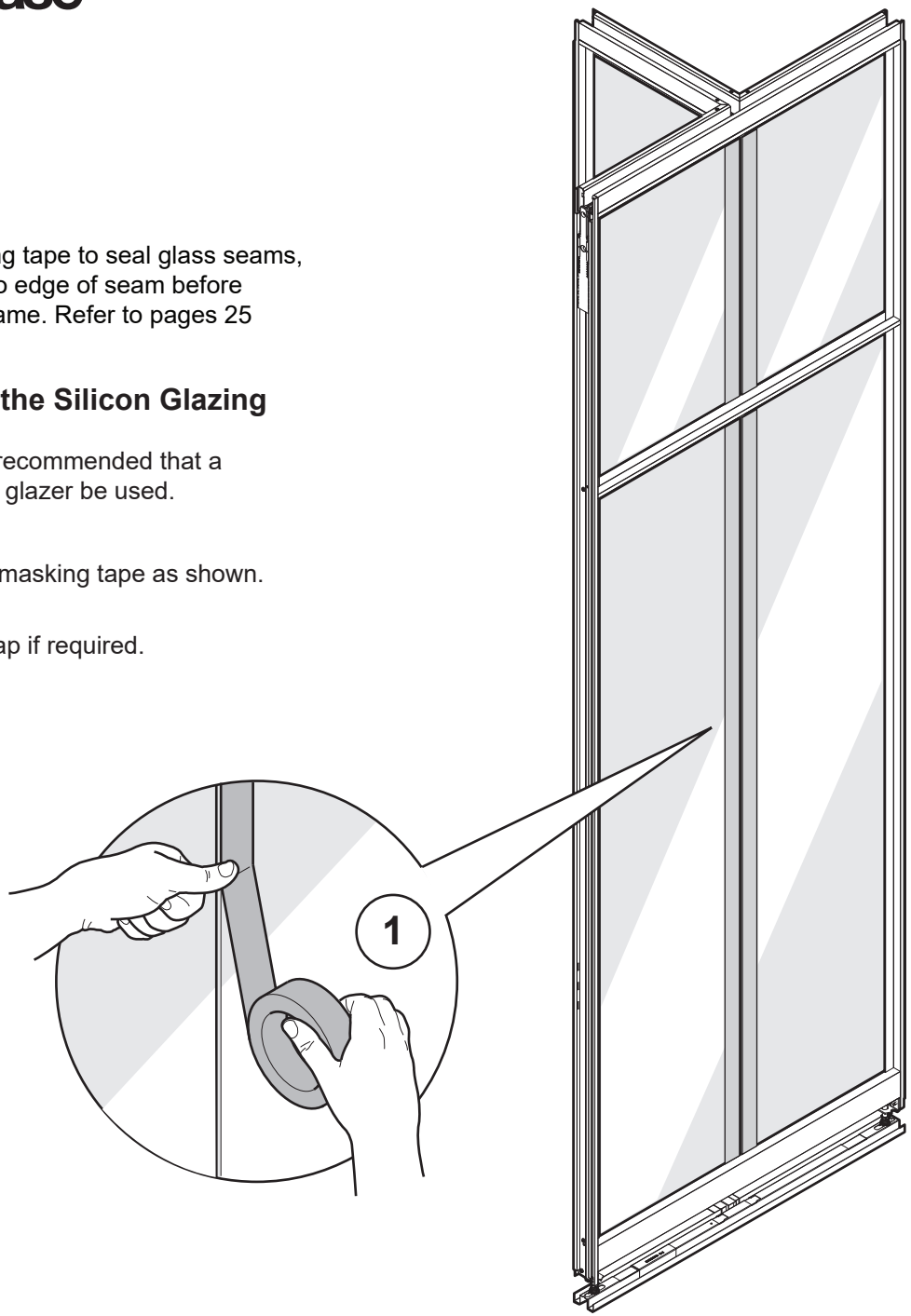
Note: If using tape to seal glass seams, apply tape to edge of seam before placing in frame. Refer to pages 25 thru 32.

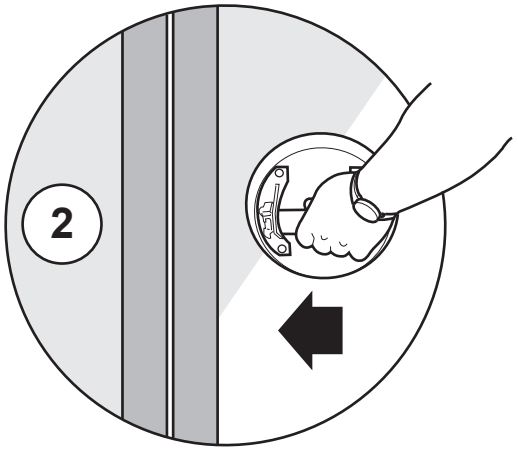
Applying the Silicon Glazing

NOTE: It is recommended that a professional glazer be used.

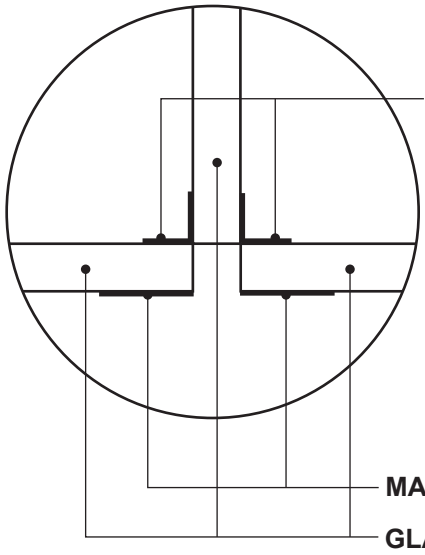
1. Apply 2" masking tape as shown.

2. Adjust gap if required.





Top View



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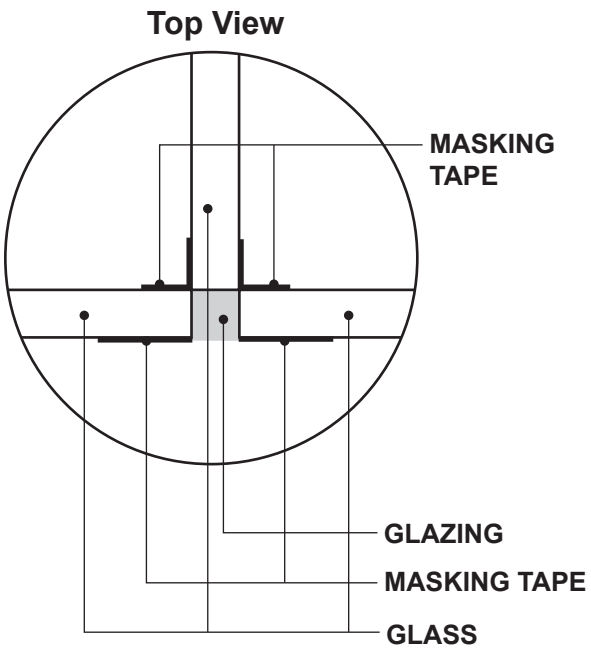
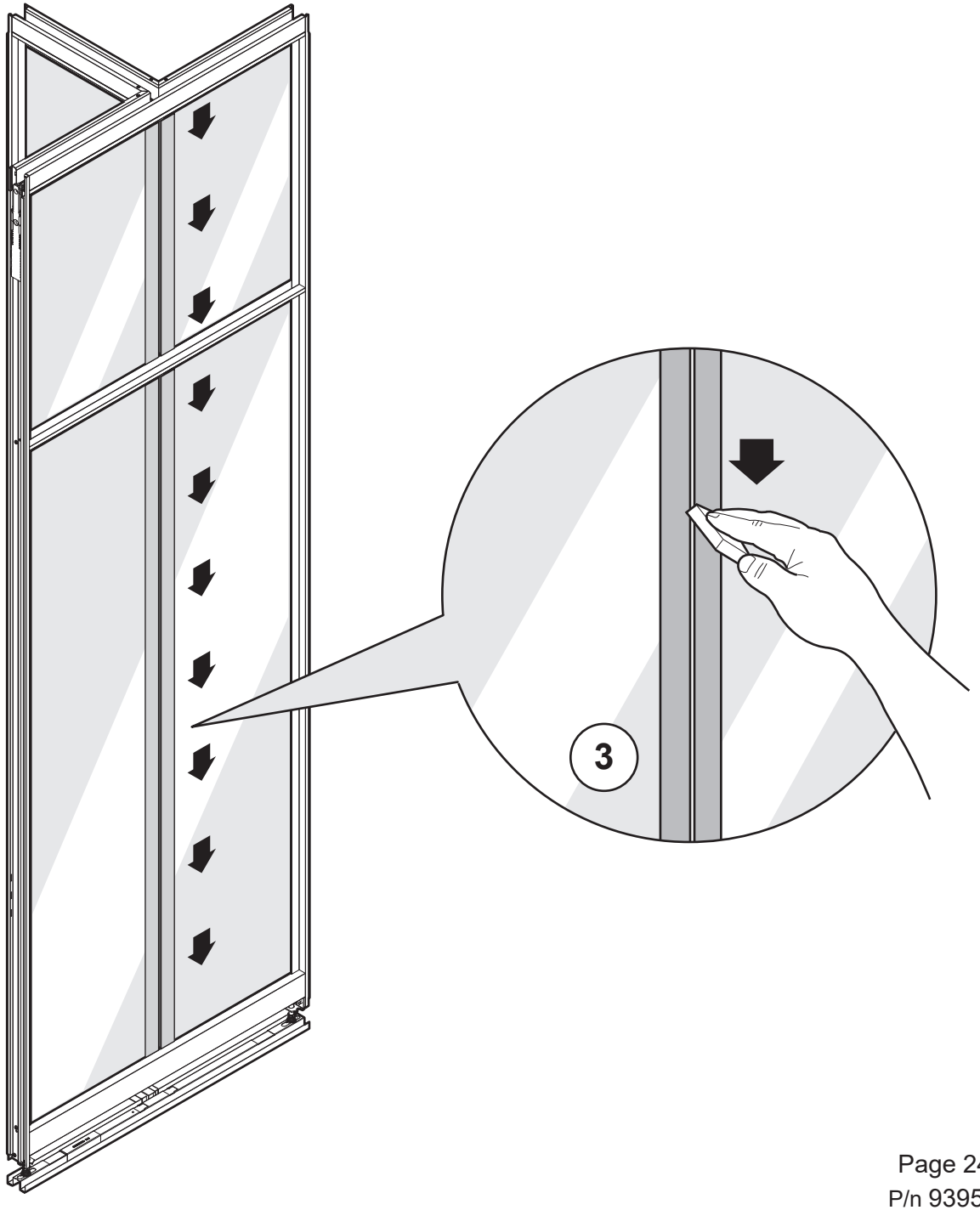
Applying the Glazing (cont...)

3. Apply glazing.

4. Remove masking tape.





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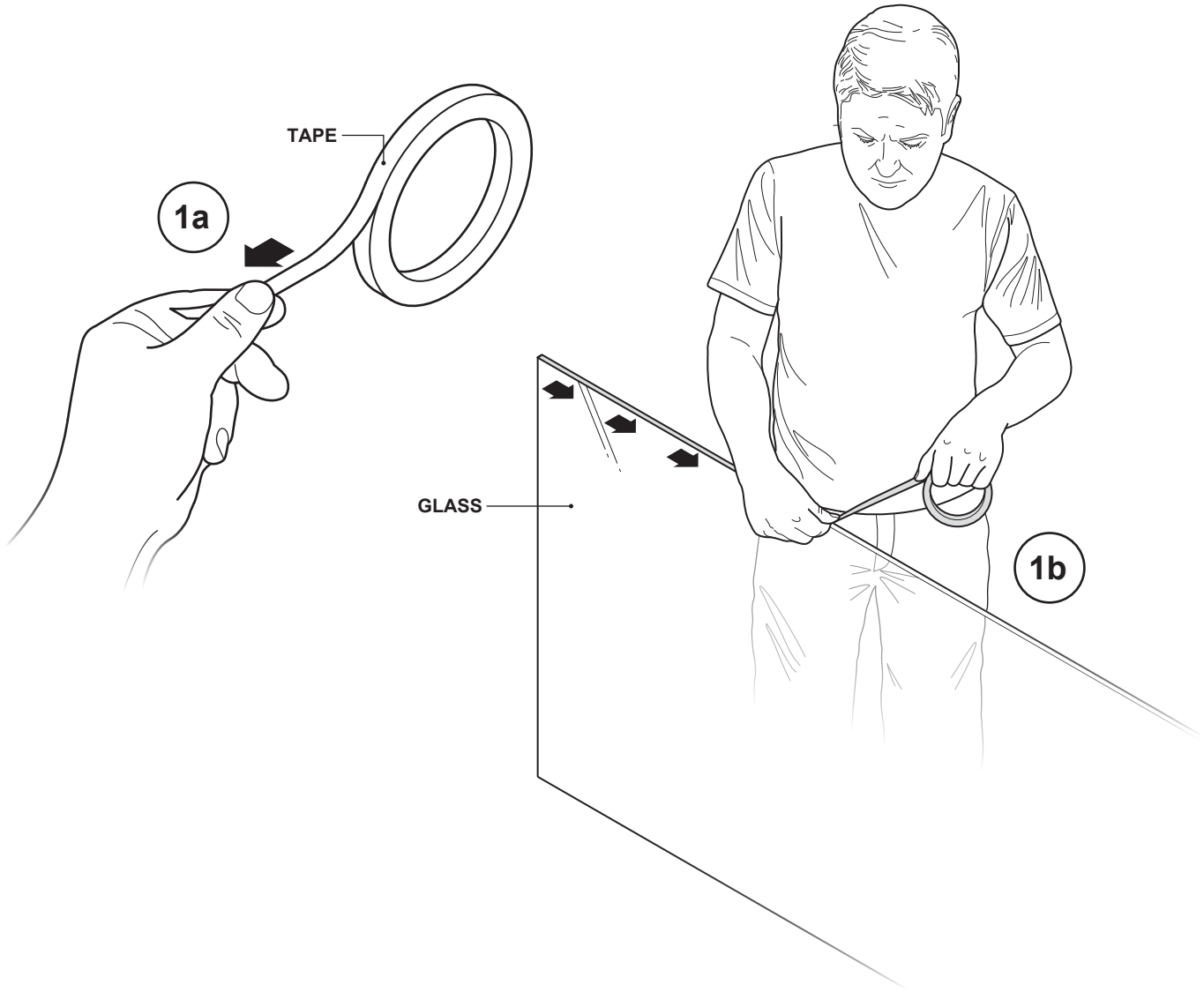
Applying Adhesive Tape Sealant

Note: It is recommended that a professional glazer be used. This is a two (2) person operation.

Note: 3M 4905 6mm wide VHB tape is the recommended tape for use in this application. Follow all tape manufacturers' recommendations including surface preparation and cure time.

1. Unroll tape to expose adhesive (1a) and apply tape to glass (1b).



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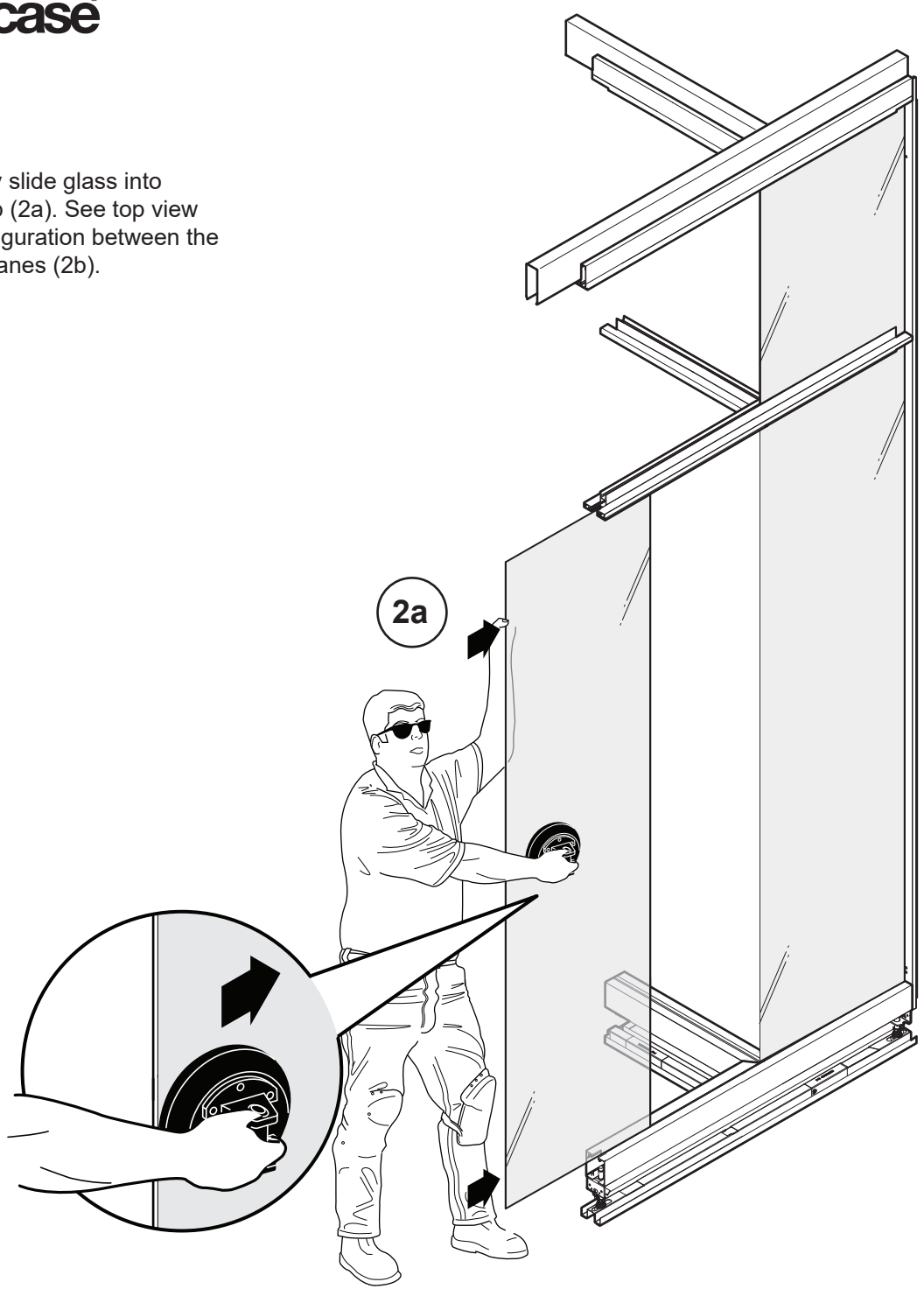
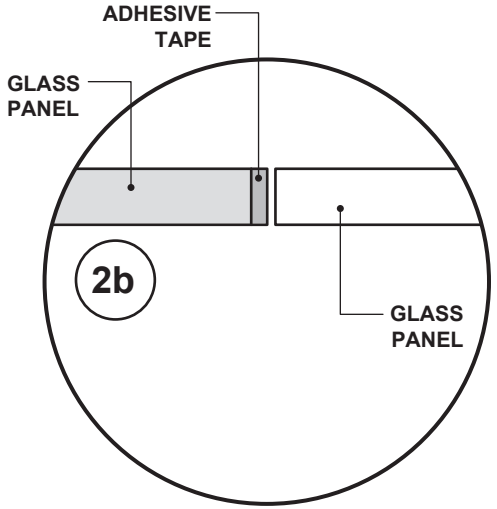
2. Carefully slide glass into glazing strip (2a). See top view for the configuration between the two glass panes (2b).





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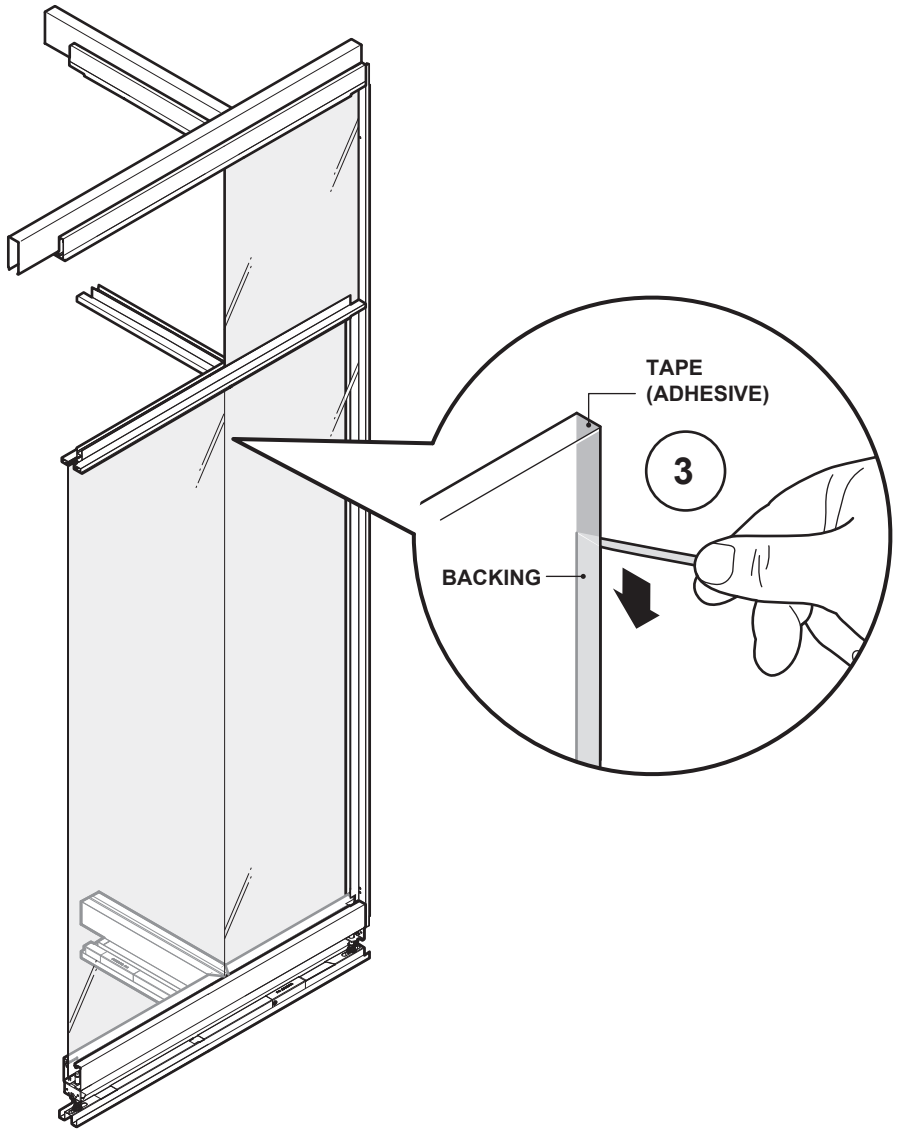
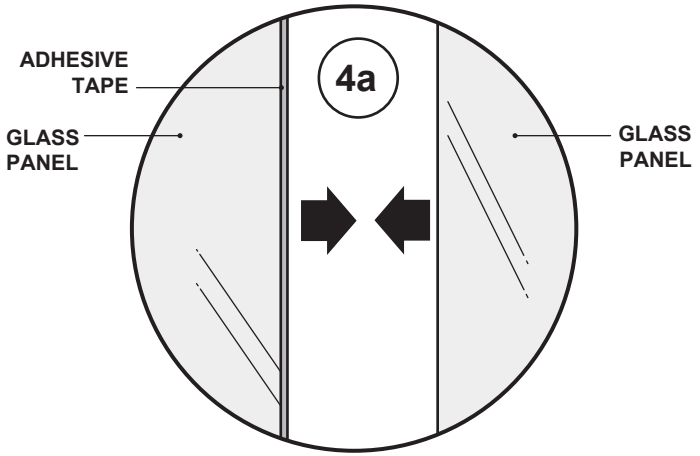
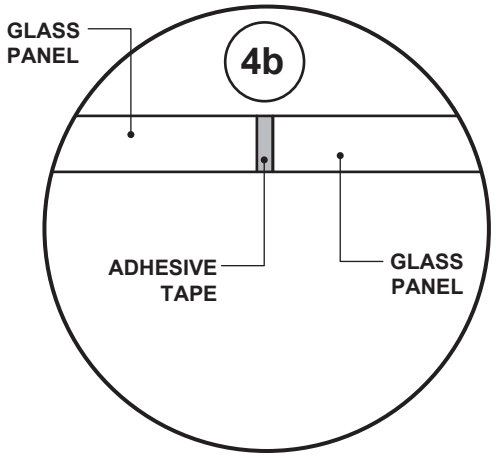
3. Remove the remaining backing from tape.



4. Slide the two (2) glass panels together (4a), checking alignment before contacting the adhesive to insure flush appearance(4b).





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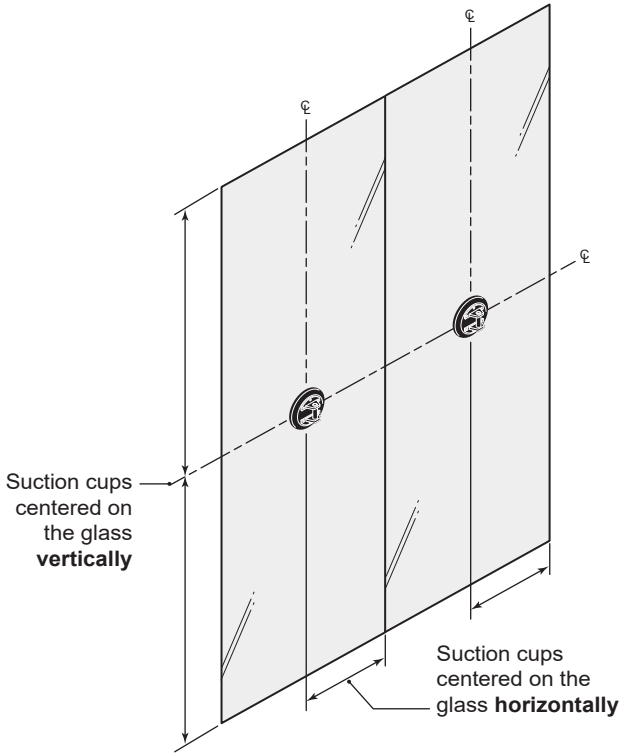
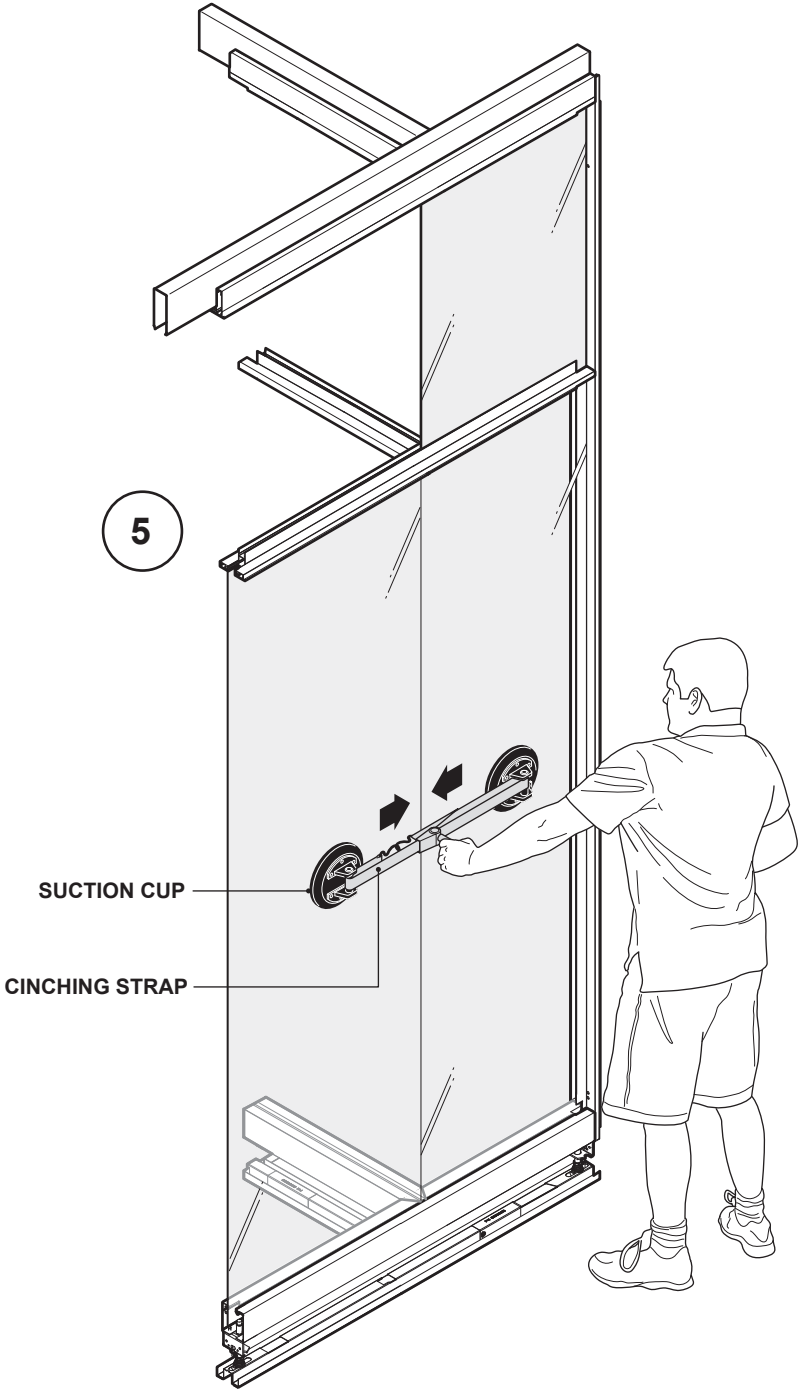
5. Apply pressure during cure as recommended by the tape manufacturer.

Note: This can be accomplished using suction cups and cinching straps.

Side View of Suction Cup Location Corner Opposite Side





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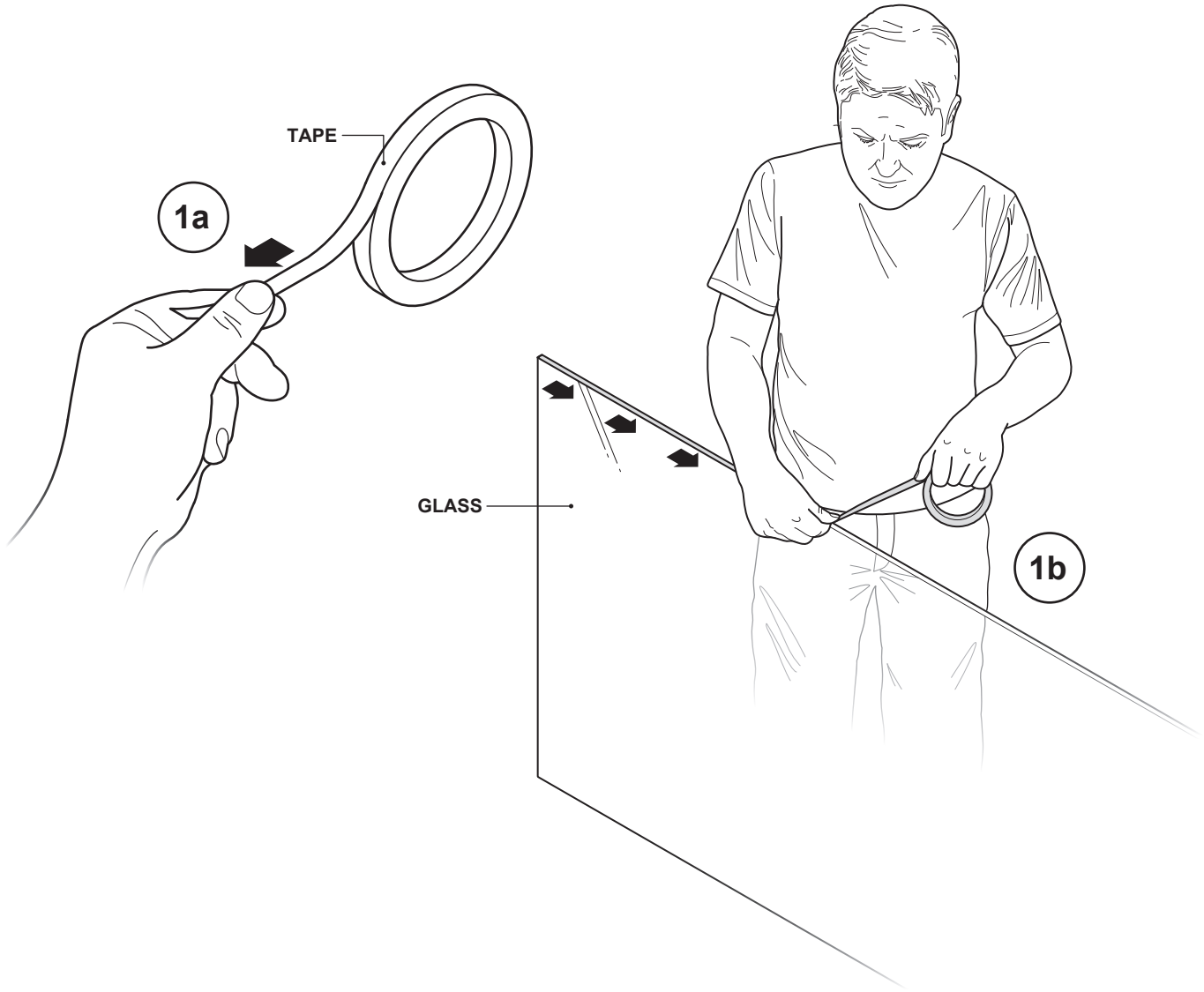
Applying Adhesive Tape Sealant

Note: It is recommended that a professional glazer be used. This is a two (2) person operation.

Note: 3M 4905 6mm wide VHB tape is the recommended tape for use in this application. Follow all tape manufacturers' recommendations including surface preparation and cure time.

1. Unroll tape to expose adhesive (1a) and apply tape to glass (1b).



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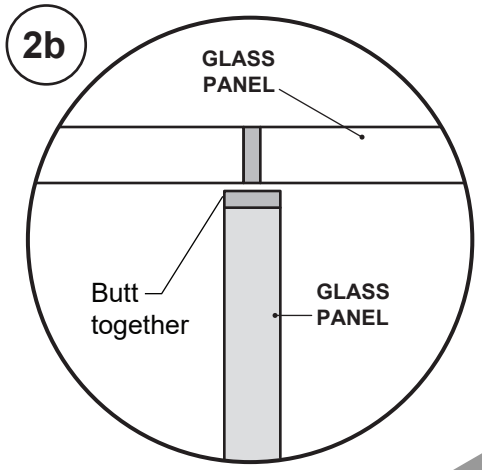
2. Carefully slide glass into glazing strip (2a). See top view for the configuration between the glass panes (2b).

Top View of Glass Pane Configuration



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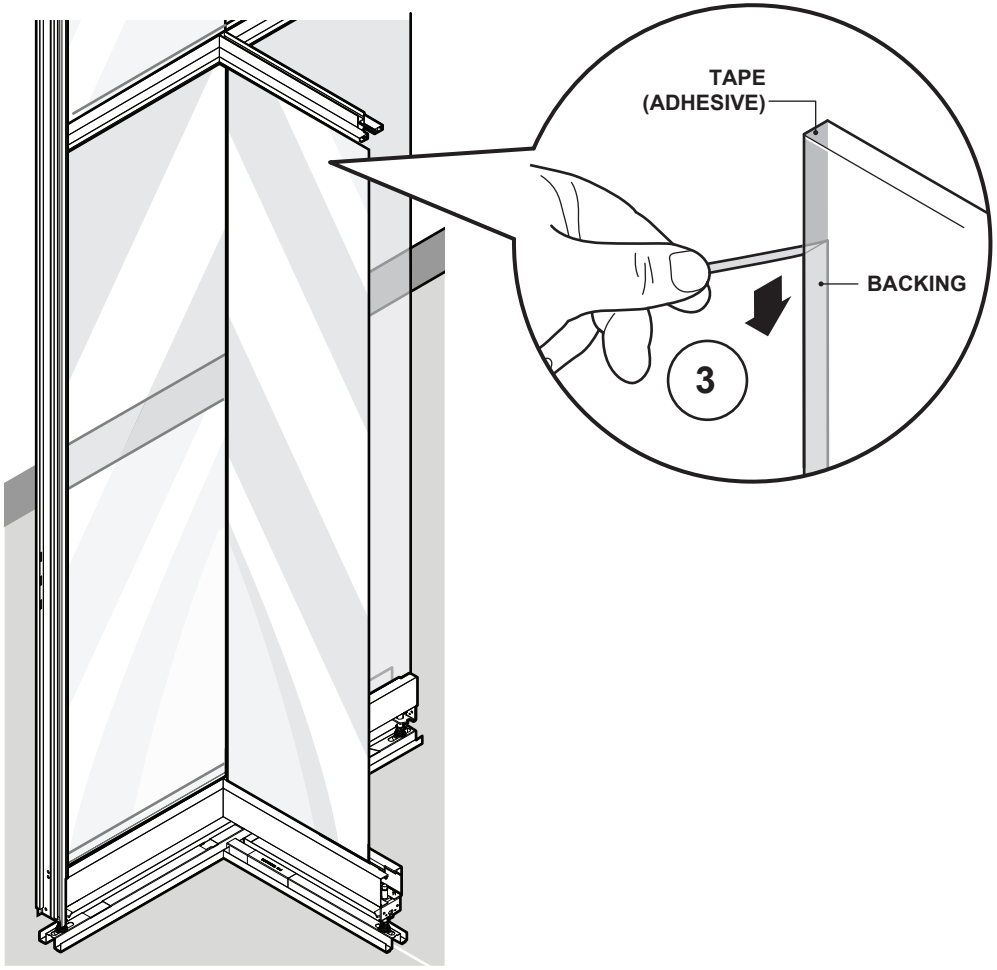
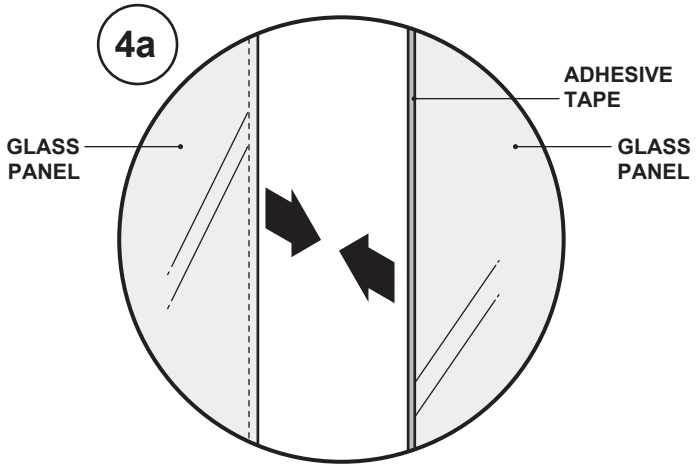
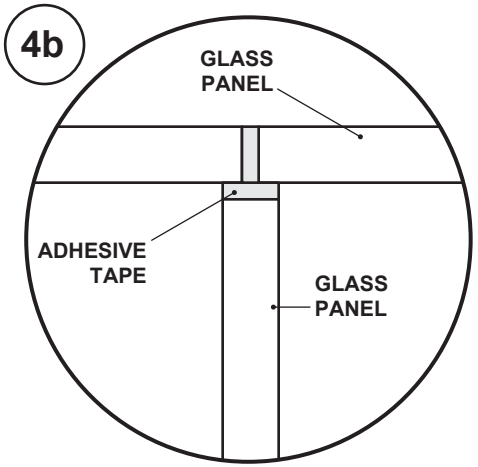
3. Remove the remaining backing from tape.



4. Slide the two (2) glass panels together (4a), checking alignment before contacting the adhesive to insure flush appearance(4b).





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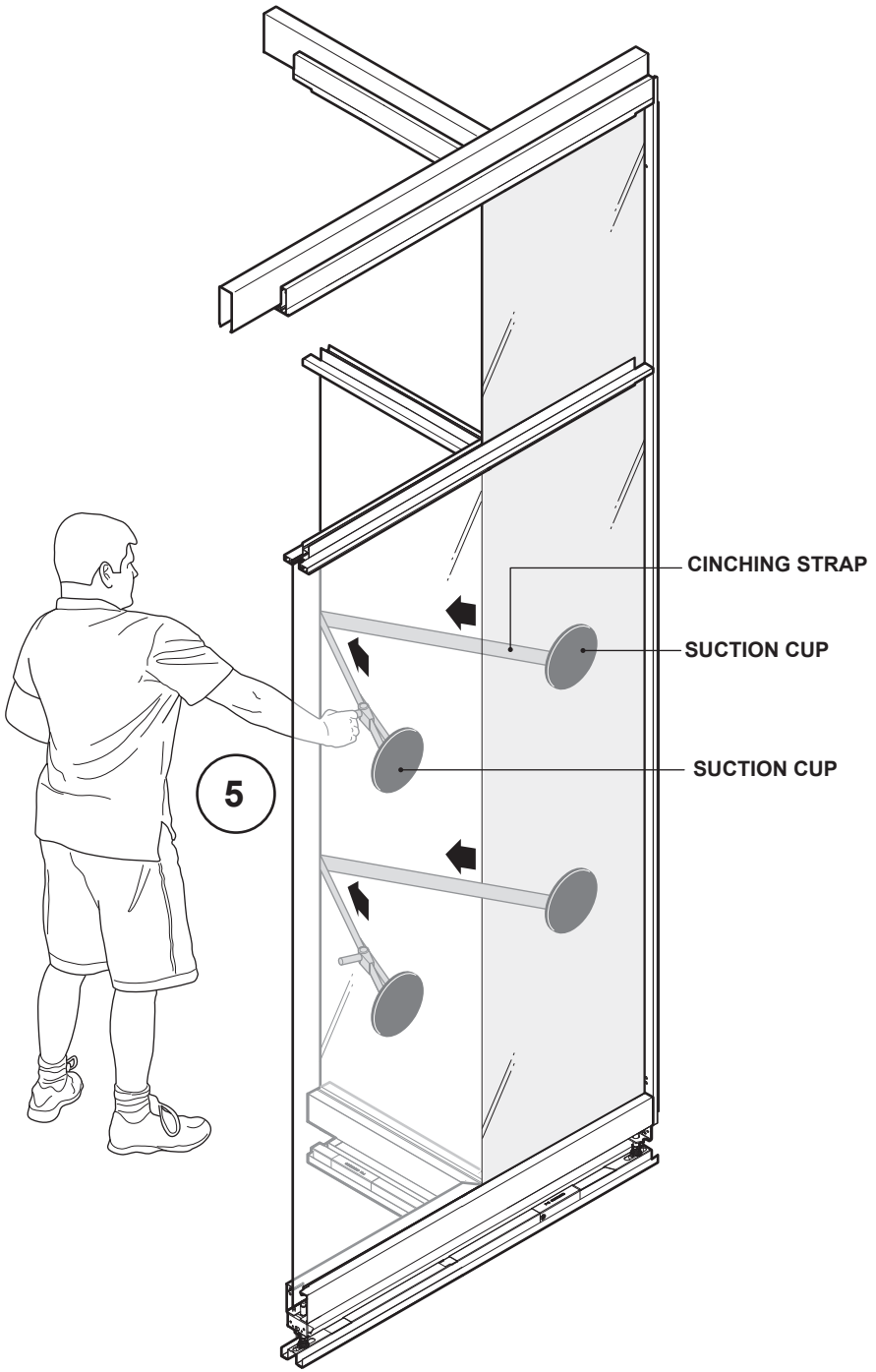
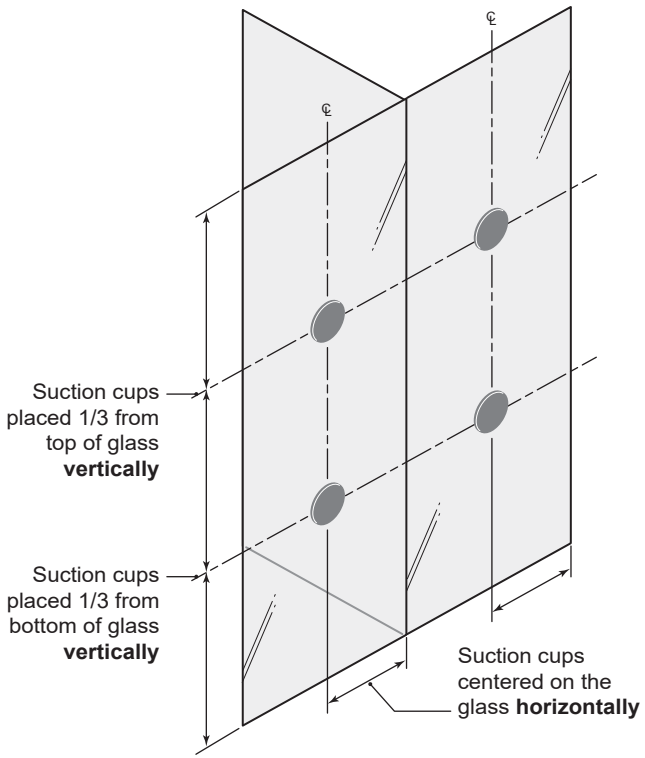
5. Apply pressure during cure as recommended by the tape manufacturer.

Note: This can be accomplished using suction cups and cinching straps.



Side View of Suction Cup Location Corner Opposite Side



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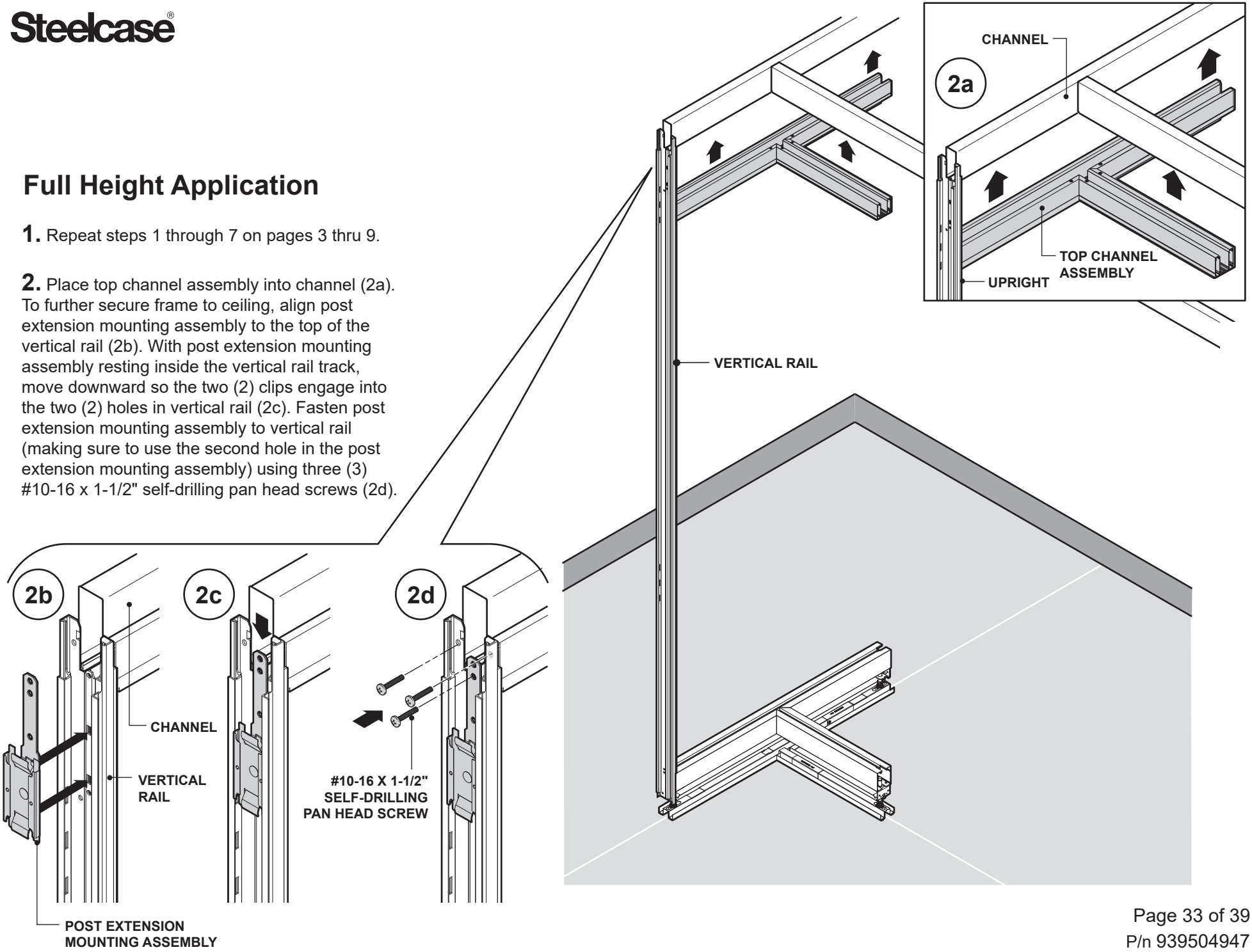
Full Height Application

1. Repeat steps 1 through 7 on pages 3 thru 9.

2. Place top channel assembly into channel (2a). To further secure frame to ceiling, align post extension mounting assembly to the top of the vertical rail (2b). With post extension mounting assembly resting inside the vertical rail track, move downward so the two (2) clips engage into the two (2) holes in vertical rail (2c). Fasten post extension mounting assembly to vertical rail (making sure to use the second hole in the post extension mounting assembly) using three (3) #10-16 x 1-1/2" self-drilling pan head screws (2d).



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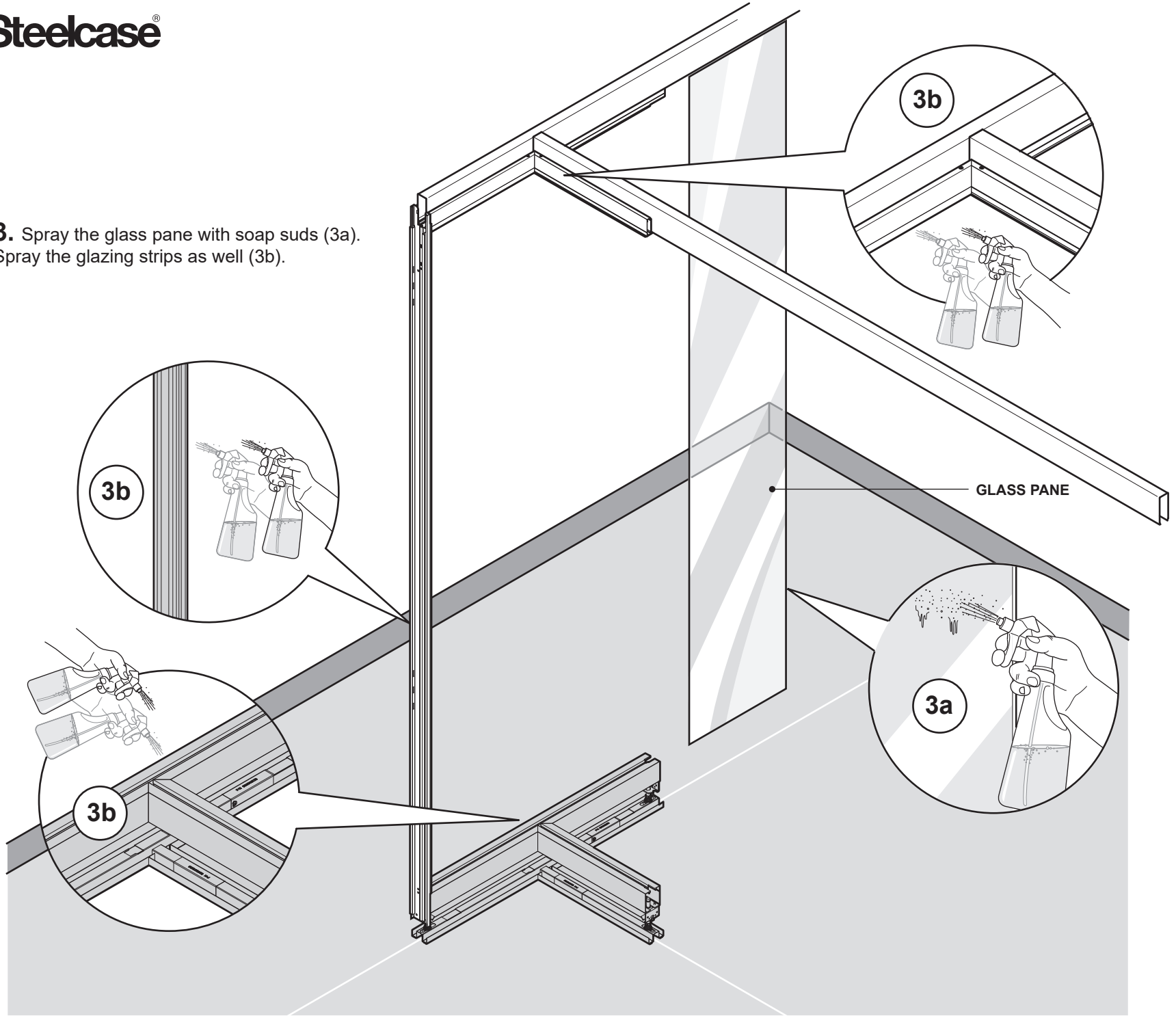
3. Spray the glass pane with soap suds (3a). Spray the glazing strips as well (3b).



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4. Carefully slide glass into glazing strip.

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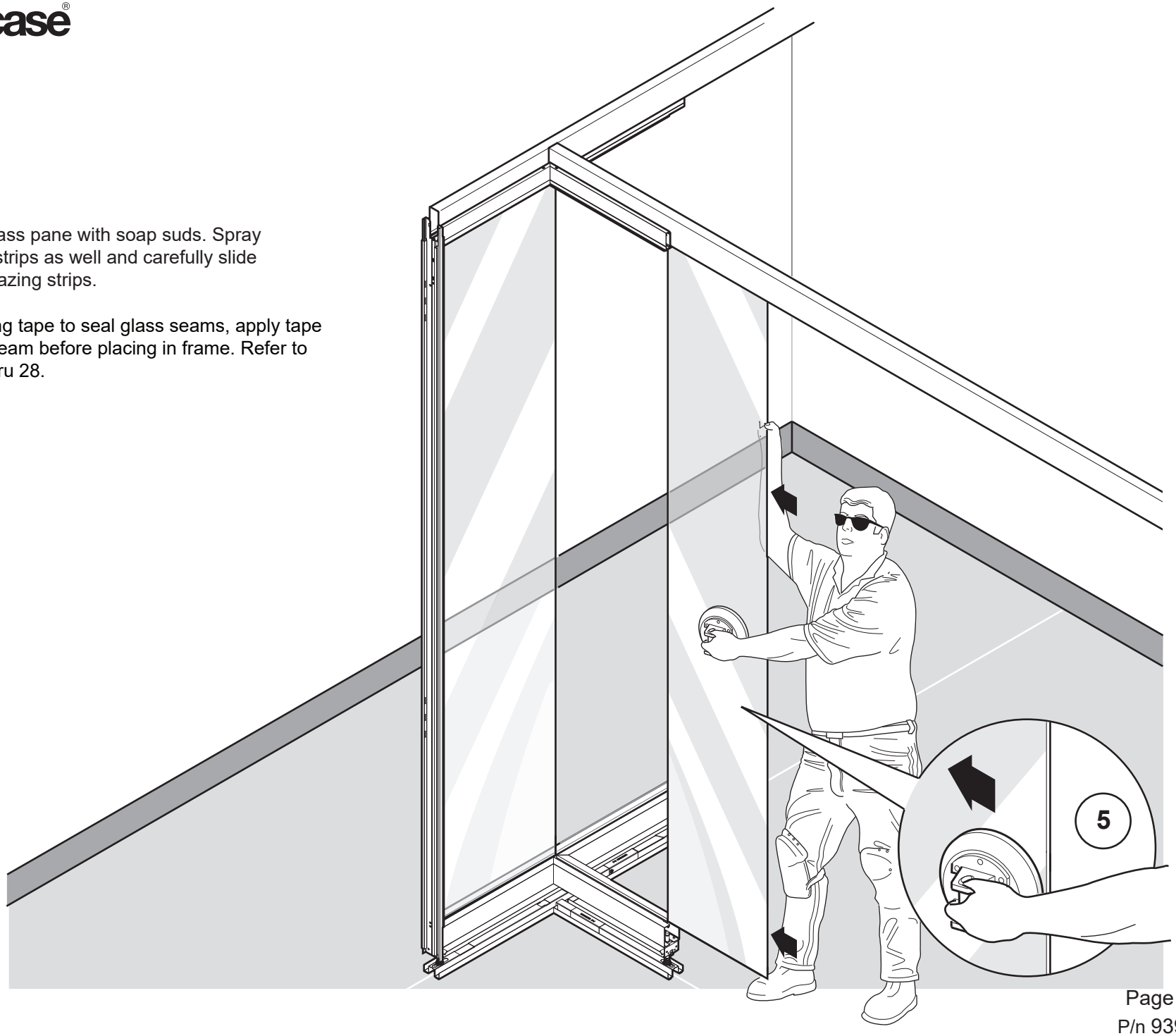
5. Spray glass pane with soap suds. Spray the glazing strips as well and carefully slide glass into glazing strips.

Note: If using tape to seal glass seams, apply tape to edge of seam before placing in frame. Refer to pages 25 thru 28.



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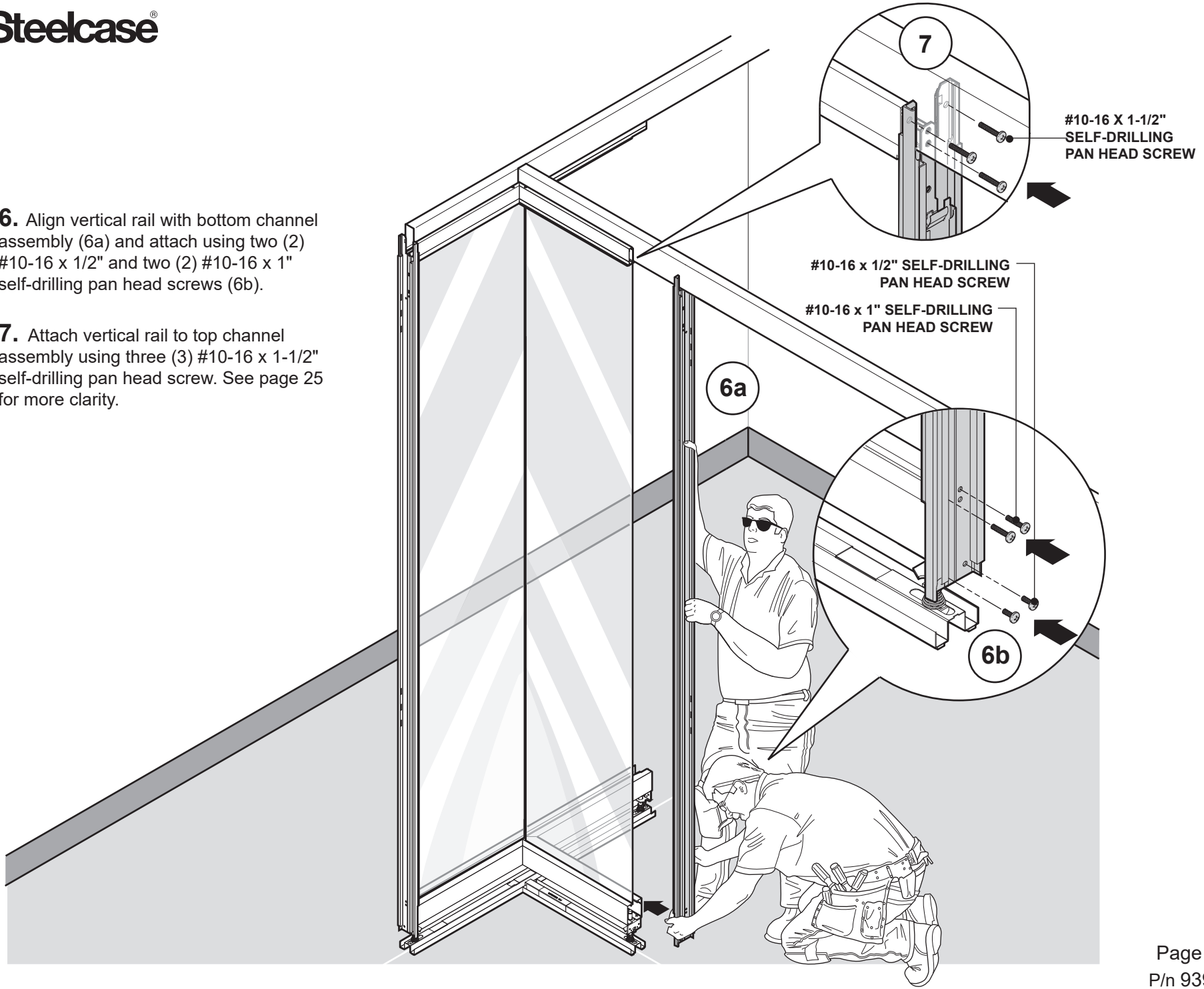
6. Align vertical rail with bottom channel assembly (6a) and attach using two (2) #10-16 x 1/2" and two (2) #10-16 x 1" self-drilling pan head screws (6b).

7. Attach vertical rail to top channel assembly using three (3) #10-16 x 1-1/2" self-drilling pan head screw. See page 25 for more clarity.



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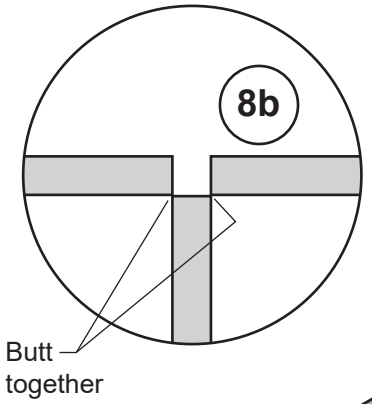
8. Spray glass pane with soap suds. Spray the glazing strips as well and carefully slide glass into glazing strips (8a). See top view for the configuration between the three glass panes (8b).

Note: If using tape to seal glass seams, apply tape to edge of seam before placing in frame. Refer to pages 29 thru 32.

Top View of Glass Pane Configuration



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9. Align vertical rail with bottom channel assembly and attach using two (2) #10-16 x 1/2" and two (2) #10-16 x 1" self-drilling pan head screws (9a).

Attach vertical rail to top channel assembly using three (3) #10-16 x 1-1/2" self-drilling pan head screws (9b). See page 25 for more clarity.

10. Repeat all steps on pages 22 through 24.