

Nxtwall Installation Instruction

Installation Scenario:

Flex Series Freestanding Full Height Sliding Door

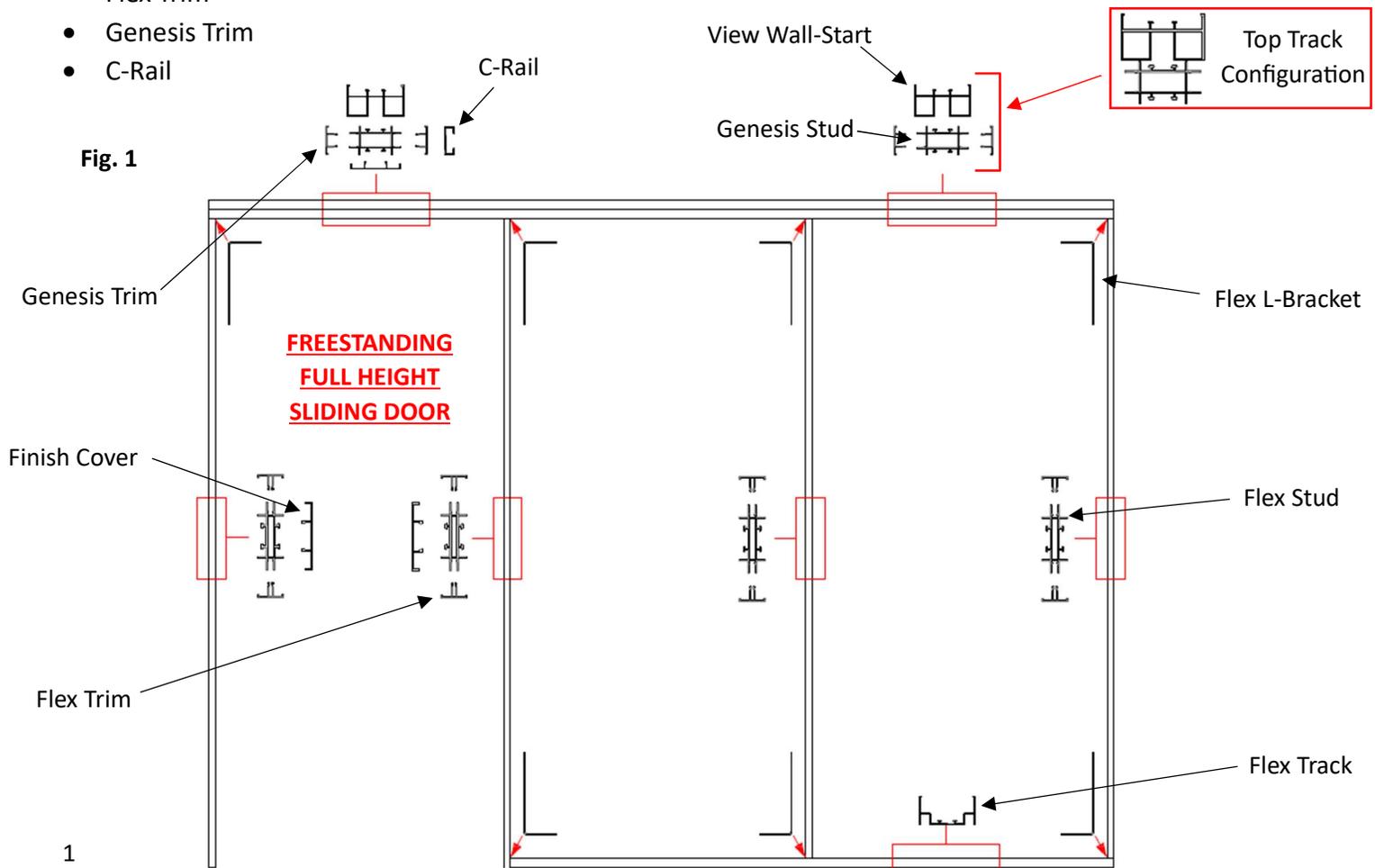
- This guide covers how to frame for this scenario only, does not include panel or door installation.

Nxtwall Components Covered by this Instruction:

- View Wall-Start
- Genesis Stud
- Flex Track
- Flex Stud
- Flex L-Brackets
- Finish Cover
- Flex Trim
- Genesis Trim
- C-Rail

Recommended Installation Tools:

- Miter Saw
- Laser Level (or Level)
- Tape Measure
- Impact Driver and/or Drill
- Nylon Mallet/Rubber Mallet
- Phillips Screwdriver
- Utility Knife
- Hammer Drill
- External Attaching Hardware
 - Note: Nxtwall does not include external attaching hardware.
- Cabling/Bracing (If Needed)
 - Note: Nxtwall does not include cabling/bracing.

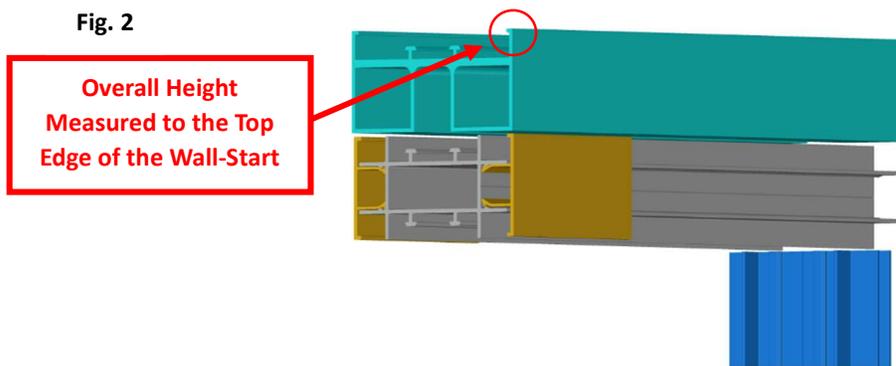


Nxtwall Installation Instruction

General Notes for Installation:

1. Read through all instructions to fully understand the Nxtwall Installation process.
2. Note the names of the framing components listed for this installation scenario.
3. Layout the location of the partitions. Mark the floor, ceiling, and existing walls. Use the overall dimensions on the drawing as a reference.
 - a. Note: Nxtwall is a field fit system, if needed the dimensions can be slightly changed on site.

Fig. 2



Notes for Freestanding Applications:

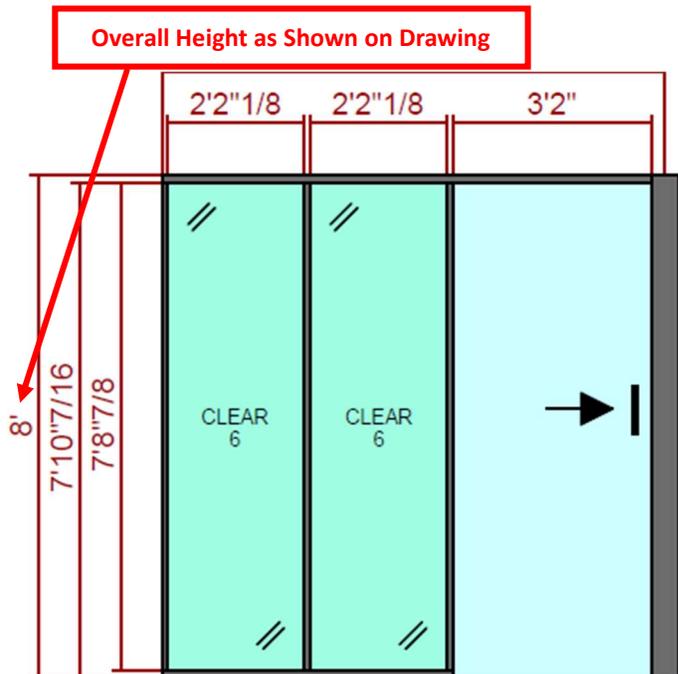
1. For freestanding applications View Wall-Starts are sent to be laminated to the Genesis Stud at the top of the wall. The purpose of the Wall-Start is to add rigidity to the wall system.
 - a. Note: For the Flex Series the Wall-Start is only used horizontally at the top of the wall, it is **NOT** used vertically.
2. The overall height listed on the drawing is from the floor to the top edge of the View Wall-Start laminated to the Genesis Stud at the top of the wall.

Fig. 2.

- a. Note: The elevation drawing does not show the Genesis Stud laminated to the Wall-Start.
- b. Example: The overall height on the drawing shows 8'. The overall height is 8' from the floor to the top edge of the View Wall-Start. Fig 3.
- c. If there is any type of pre-ordered door it is important to match the overall height listed on the drawing at the door location(s). The height of the door is based on the height of the wall, any variance may lead to the doors not fitting properly.

For more information on freestanding installations please reference "Freestanding Installation Notes" guide.

Fig. 3



Nxtwall Installation Instruction

Top Track Configuration Construction

Reference this page during the installation procedure.

The “Top Track Configuration” is a combination of the Genesis Stud laminated to the View Wall-Start at the top of the wall. This combination provides additional rigidity for freestanding applications.

1. Measure and Cut the Genesis Stud and View Wall-Start to the same length.
 - a. Note: Measurement will be dependent on the situation. Measurement will be existing wall to existing wall, existing wall to Flex Post, or Flex Post to Flex Post.
 - b. If there is a Flex Post(s) the “Top Track Configuration” will butt into the Flex Post. The top edge of the Wall-Start will be flush with the top edge of the Flex Post. Reference “Flex Series Freestanding Flex Post Installation” guide for more detail.
2. Slide Flex L-Brackets into the Genesis Stud.
 - a. Note: Install one Flex L-Bracket per vertical Flex Stud.
3. Attach the Genesis Stud to the View Wall-Start using 4” attaching screws. Attach every 4’ – 6’. Fig. 3 and Fig. 4.
 - a. When attaching, cut off two small pieces of Genesis Trim and install them onto the Genesis Stud. This will help make sure the Genesis Stud is properly located on the Wall-Start. The edges of the Genesis Trim will be flush with the edges of the Wall-Start.

- b. Use quick clamps to help keep the materials together when attaching.
- c. Note: The excess attaching screws can be cut off once framing has been completed.

Fig. 3

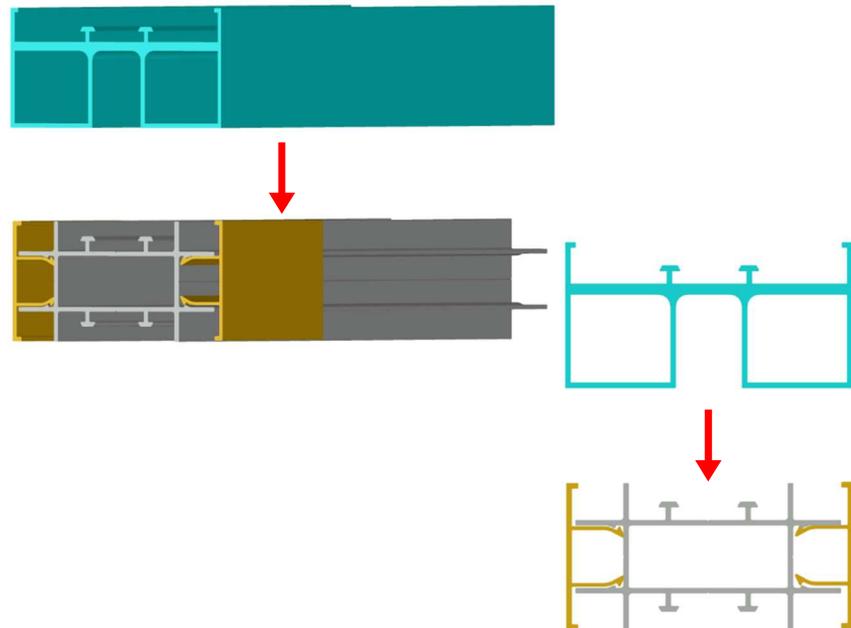
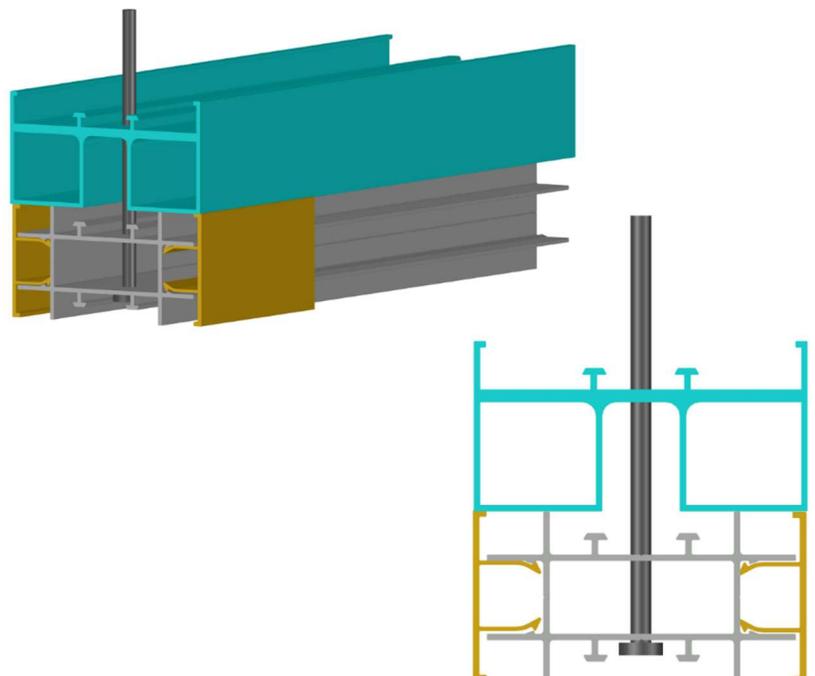


Fig. 4



Nxtwall Installation Instruction

Installation Procedure:

1. Measure and construct the “Top Track Figuration”. Reference page 3 for details.
2. Slide Flex L-Bracket(s) into the Genesis Stud within the Top Track Configuration.

Fig. 5.

- a. Note: Install one Flex L-Bracket per vertical Flex Stud.

3. Measure and Cut Flex Stud(s) attaching to the existing wall. Fig. 6.

- a. Freestanding Door Opening Flex Stud Length:
 - i. **Floor to Top of Wall – 3 1/8”**
- b. Freestanding Non-Door Opening Flex Stud Measurement:
 - i. **Floor to Top of Wall – 4”**
- c. Once in place the Flex Studs will provide mounting points for the Top Track Configuration.
- d. Note: If there is a Flex Post(s) the Flex Post will need to be in place to receive the Top Track Configuration.

4. Install Flex Studs.

- a. The Flex Stud on the door opening side will go directly to the floor.
- b. The Flex Stud on the non-door opening side will need to be 3/4" off the floor. This will allow the Flex Track to slide under the stud. Fig. 7.
- c. If attaching to an existing wall make sure the Flex Studs are plumb, especially if there is a door opening coming off the wall.
- d. If the wall is coming off a Flex Post the Flex Post will need to be pre-built with the Flex Studs prior to installing the Top Track Configuration.

5. Place Top Track Configuration on top of the Flex Studs.

Fig. 5

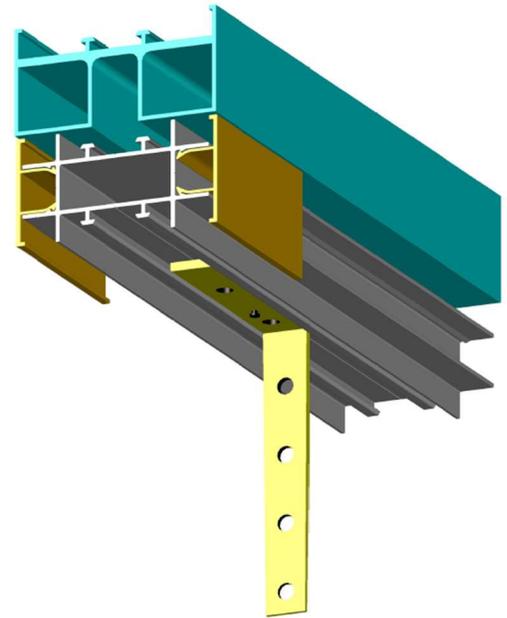


Fig. 6

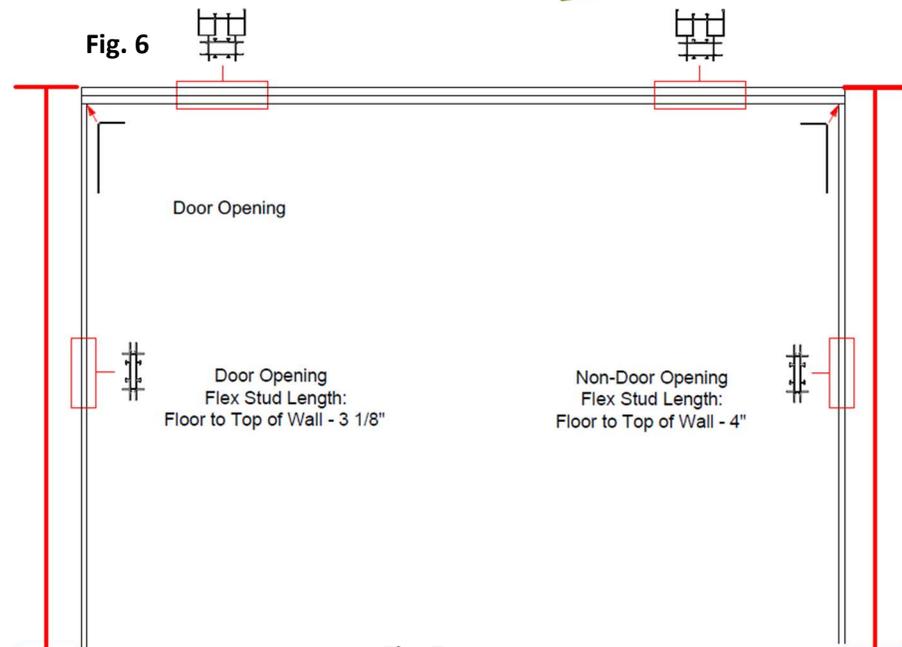
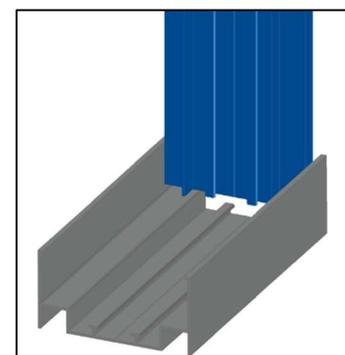


Fig. 7



Nxtwall Installation Instruction

6. Slide L-Brackets into the center of the Flex Stud. Adjust the Top Track Configuration to match the overall height listed on the drawing. Attach the L-Bracket to the Flex Stud using 2 - 3/4" framing screws. Fig. 8
 - a. Note: At the door location make sure to match the overall height listed on the drawing.
7. Level the Top Track Configuration. Once level, attach the L-Bracket to the Flex Stud on the opposite side of the opening. Fig. 9.
 - a. Note: It is very important to make sure the top track is level, this will ensure proper operation of the sliding door.

Fig. 8

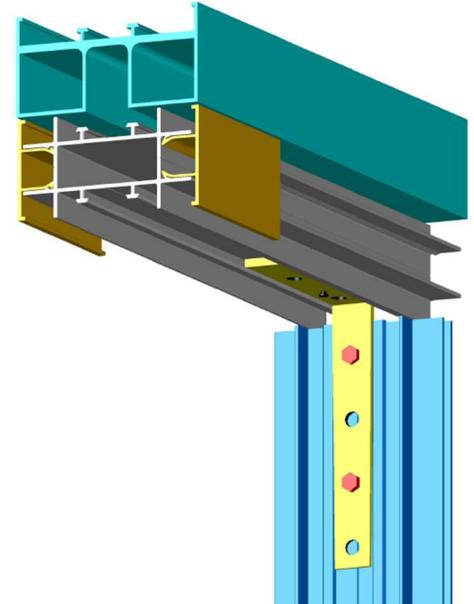
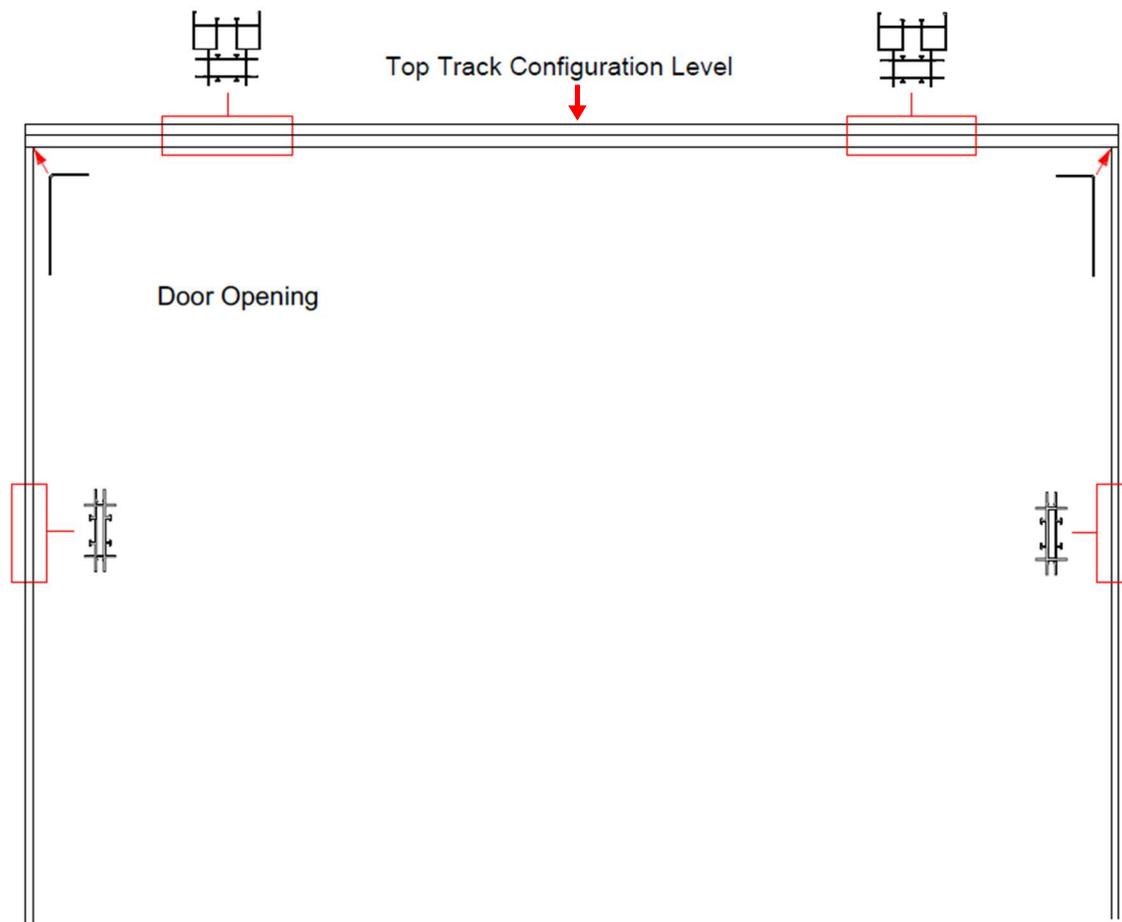


Fig. 9



Nxtwall Installation Instruction

8. Measure for Vertical Flex Stud(s) within the door opening. Fig. 10.

- a. Door Opening Flex Stud Length:
 - i. **Floor to Top of Wall – 3 1/8"**

9. Install door opening Flex Studs.

- a. The top of the Flex Stud will be under the Genesis Stud at the top of the wall and run directly to the floor.

10. Slide Flex L-Bracket into the Flex Stud. Attach L-Bracket to the Flex Stud using the provided 3/4" Framing Screws.

Fig. 11

- a. Use 2 attaching screws per L-Bracket.

Fig. 10

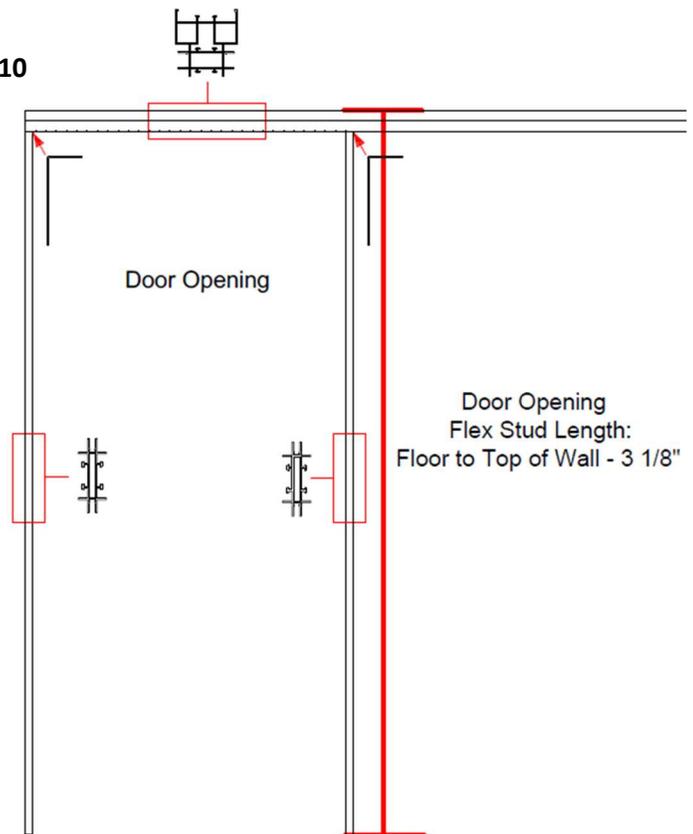
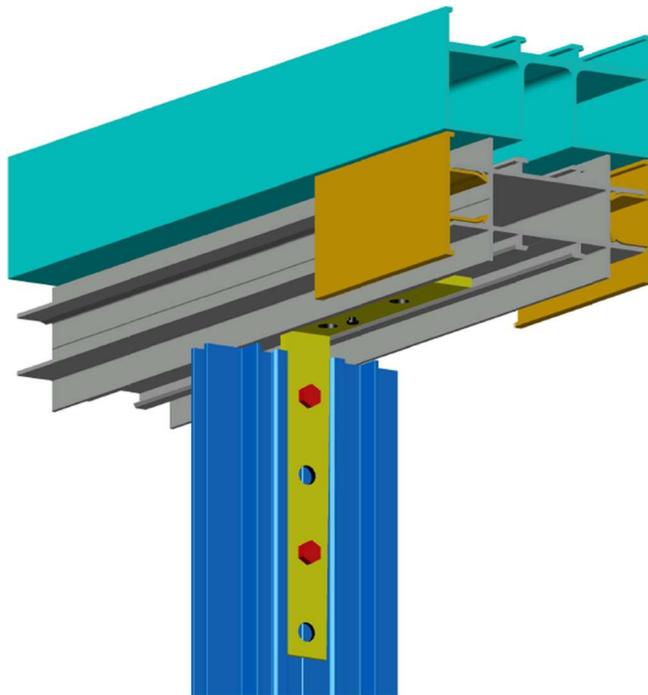


Fig. 11



Nxtwall Installation Instruction

11. Set door opening spacing.

- Door opening measurement 3' 2" (38")
Measuring points shown in Fig. 12.
- Note: The spacing for the door opening Flex Studs must be the same at the floor and the top of the wall.
- Once spacing is established tighten set screws within the L-Bracket in the Genesis Stud to lock the Flex Stud(s) in place.

12. With the door opening set measure and cut Flex Track attaching to the floor.

- Length measurement will be from the door opening Flex Stud to the existing wall/Flex Post. Fig. 13
- Note:** The Flex Track will butt into the Flex Stud within the door opening. Fig. 14.
- Make sure the door opening remains 3' 2" once the floor track is in place.

Fig. 12

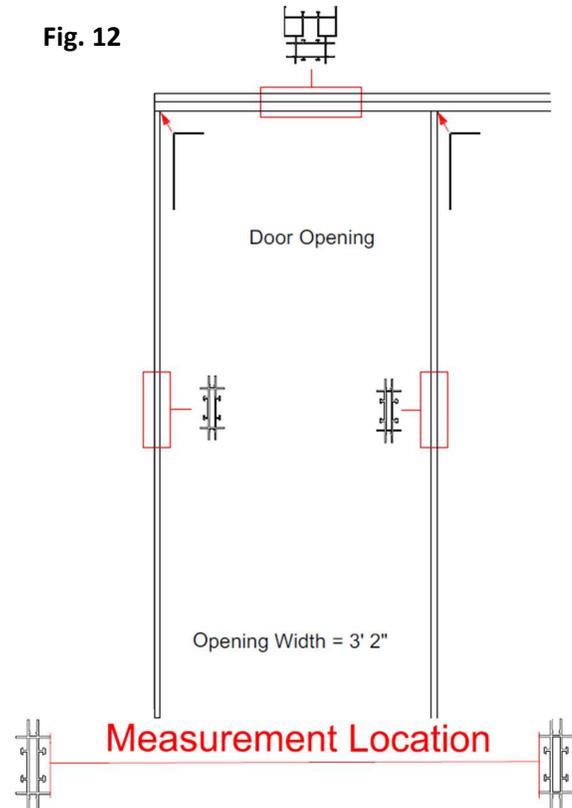


Fig. 13

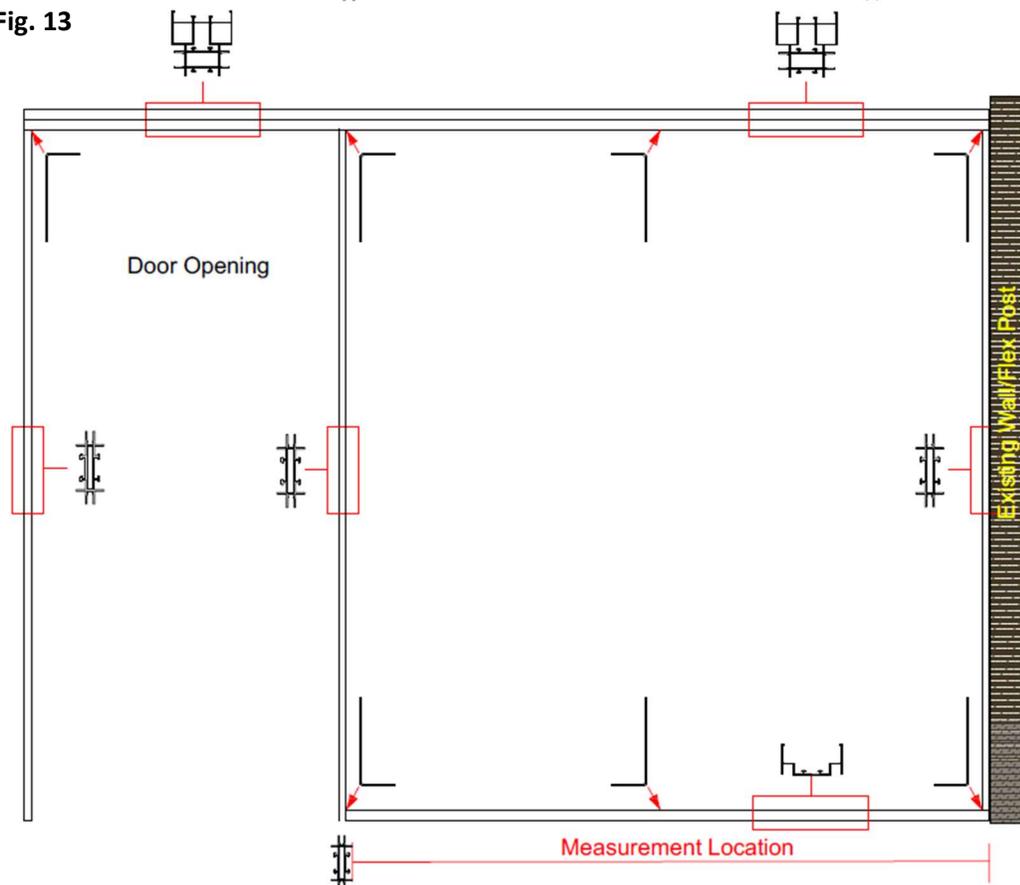
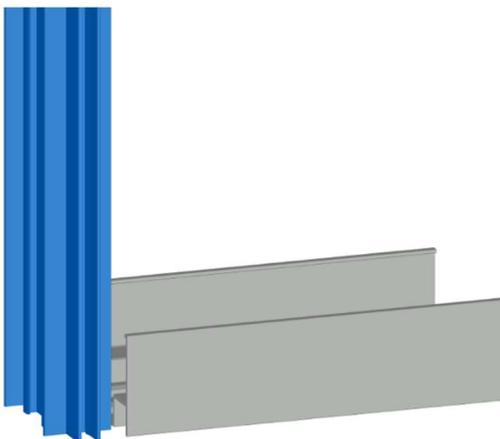


Fig. 14



Nxtwall Installation Instruction

13. Slide Flex L-Bracket(s) into the Flex Track. Fig. 15.
 - a. Note: Install one Flex L-Bracket per vertical Flex Stud.
14. Slide Flex L-Bracket into Flex Stud within the door opening. Attach L-Bracket using 2 – 3/4" framing screws. Tighten the set screw.
15. Attach Flex Track to the floor.
 - a. Install attaching screws every 4'- 6'.
 - b. For the L-Bracket attached to the door opening Flex Stud run an anchoring screw through one of the open holes in the L-Bracket. This helps provide strength for the door opening. Fig. 16.

Fig. 15

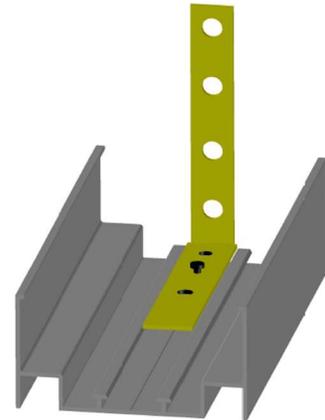
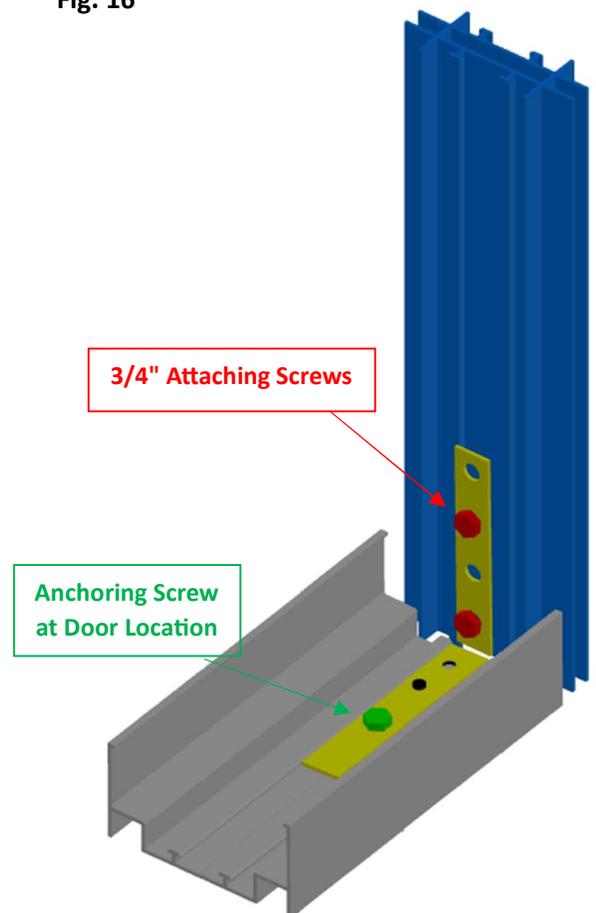


Fig. 16



Nxtwall Installation Instruction

16. Measure for non-door opening Vertical Flex Studs. Fig. 17.

- a. Flex Stud Measurement:
Floor to Ceiling – 4"

17. Install Flex Studs into the Flex Track on the floor and under the Genesis Stud at the top of the wall.

- a. Allow air gap between the Flex Stud and Flex Track/Genesis Stud. This air gap will give the ability to move the Flex Stud when setting the spacing between studs.
Fig. 18.

18. Slide L-Brackets in the Flex Track and Genesis Stud into the Flex Studs. Attach using 2 – 3/4" Framing Screws.
Fig. 19A/B.

Fig. 17

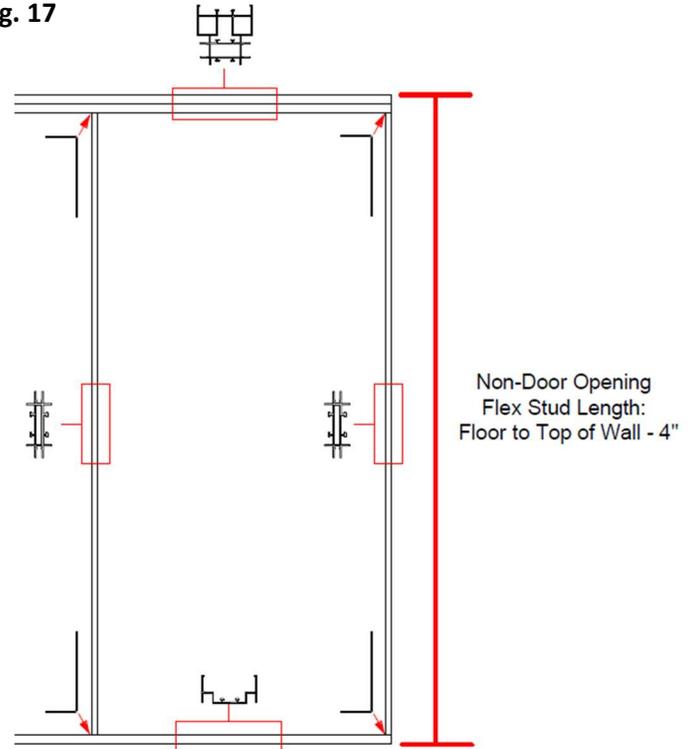


Fig. 19B

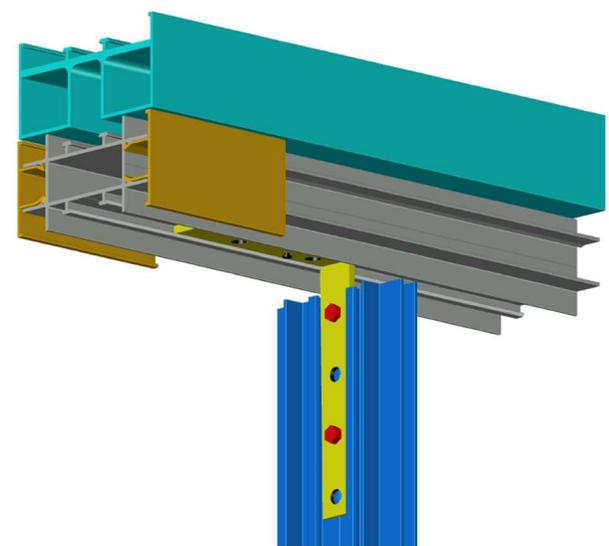


Fig. 18

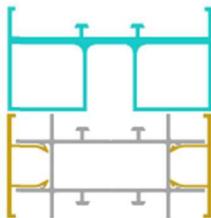
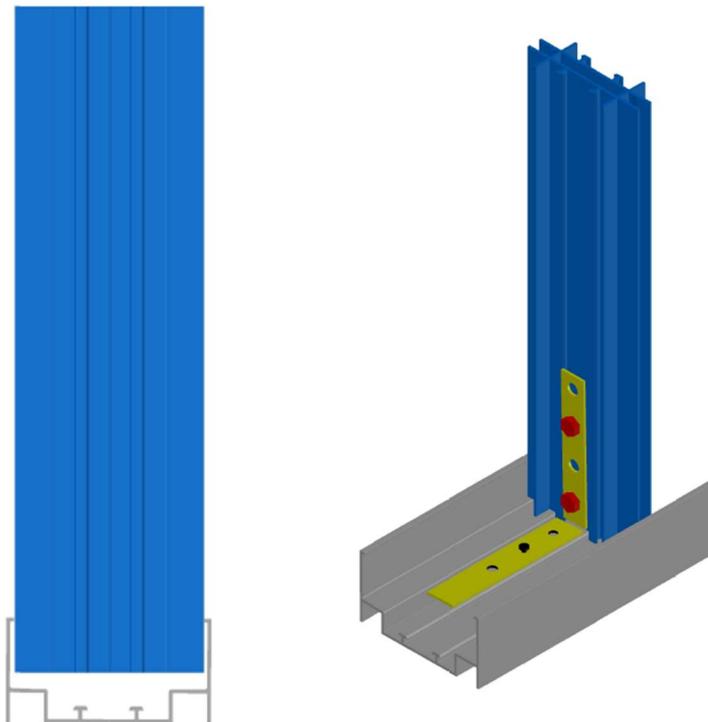


Fig. 19A



Nxtwall Installation Instruction

Finish Cover Installation

19. Finish Covers will be used to cover the Flex Studs within the walkthrough section of the door opening. The Finish Cover will snap directly onto the Genesis Stud and Flex Studs. Fig. 20.
20. Measure and cut the Finish Cover for the Genesis Stud.
 - a. The measurement is from vertical Flex Stud to vertical Flex Stud. There should be a tight fit between the Finish Cover and Studs.
21. Install the Finish Cover
 - a. To install the Finish Cover place it onto the center of the Genesis Stud. Strike the center of the Finish Cover with a rubber mallet to snap it onto the stud. Fig. 21.
22. Measure for Vertical Finish Covers for the Flex Studs.
 - a. The measurement is from the floor to the Finish Cover on the Genesis Stud. There needs to be a tight fit between the horizontal and vertical Finish Covers.
23. Install the Finish Covers.
 - a. To install the Finish Cover place it onto the center of the Flex Stud. Strike the center of the Finish Cover with a rubber mallet to snap it onto the stud. Fig. 22.

Fig. 20

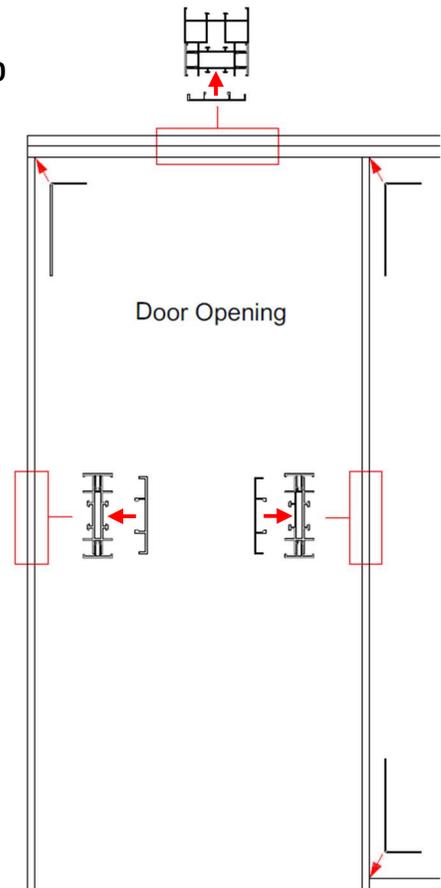


Fig. 21

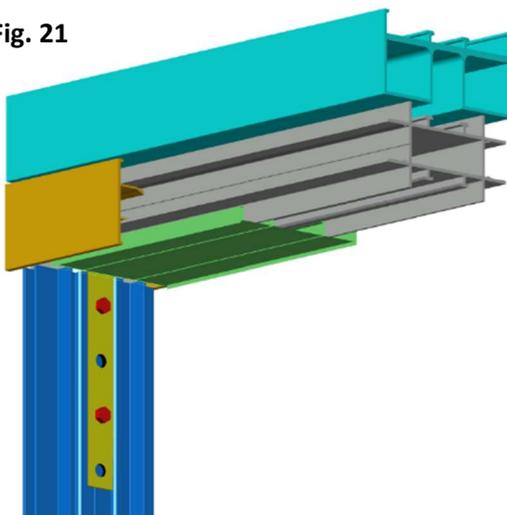
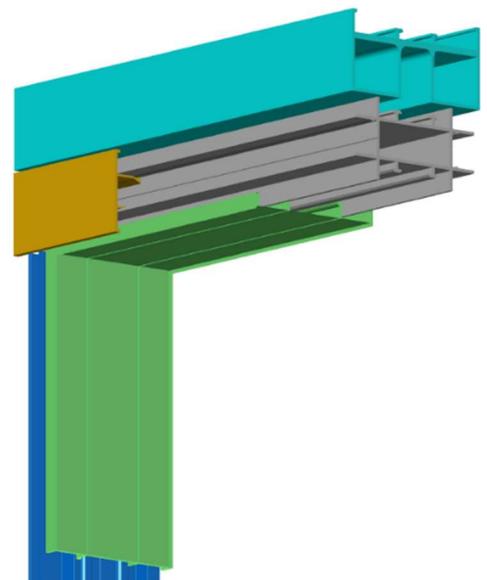


Fig. 22



Nxtwall Installation Instruction

C-Rail Installation

24. Once the solid and/or glass panels have been installed along with the Genesis and Flex Trim the sliding door C-Rail can be installed. Fig. 23.

25. The C-Rails are pre-cut and pre-drilled for standard width doors. Fig. 24.

- a. The C-Rails are 75 3/4" in length.
- b. Four counter sunk holes for the C-Rail screws.
- c. Hole on each end for door stops.
- d. Two sets of holes on top of the C-Rail. These holes are for the soft close triggers, the holes are drilled whether there are soft close units or not. These holes indicate the top of the C-Rail.
- e. Custom length C-Rail(s) to be prepped on site.

Fig. 23

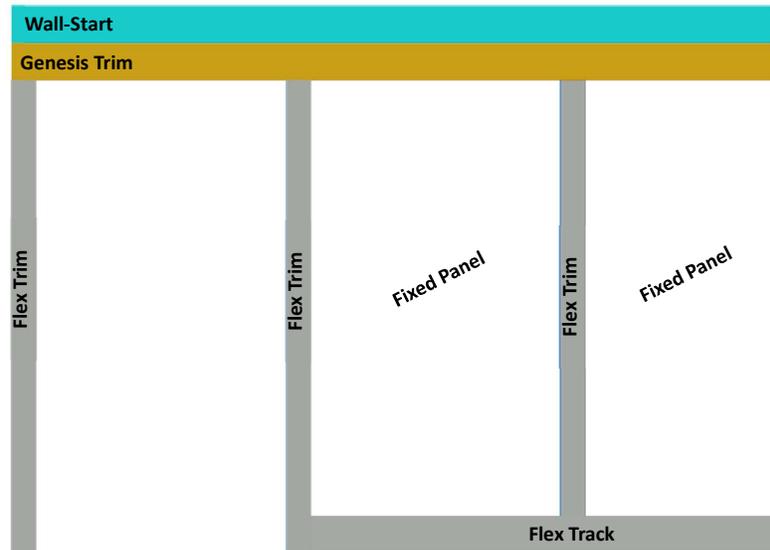
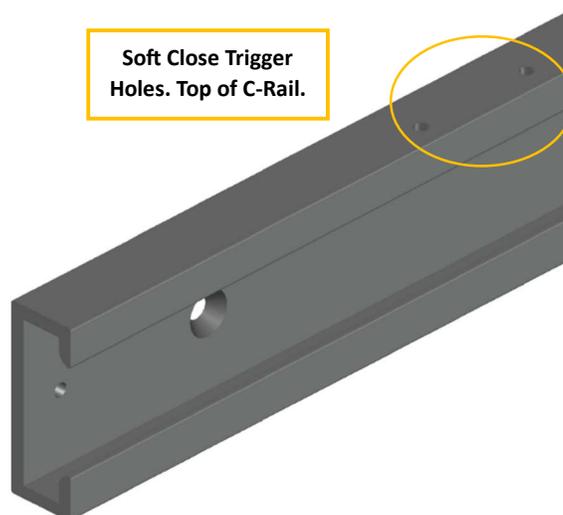


Fig. 24



Soft Close Trigger Holes. Top of C-Rail.



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26. Place C-Rail onto the horizontal Genesis Trim.

- a. The C-Rail will extend over the Flex Trim beneath the Genesis Trim on closed side of the opening. The edge of the C-Rail will be flush with the edge of the Flex Trim. Fig. 25 A/B.
- b. The bottom edge of the C-Rail will be flush with the bottom edge of the horizontal Genesis Trim. Fig. 26 A/B.

Fig. 25A

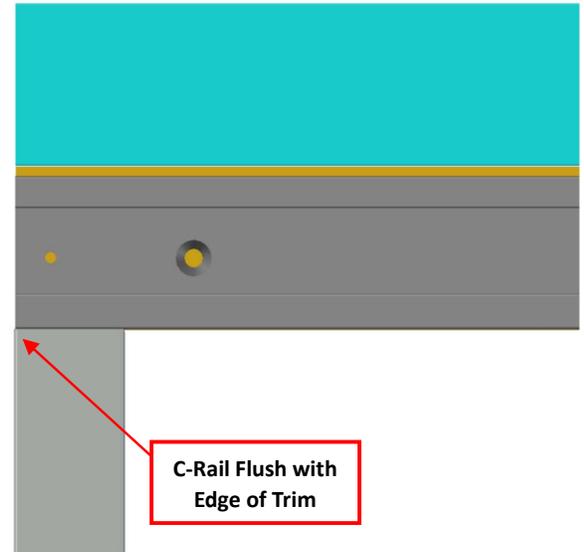


Fig. 25B

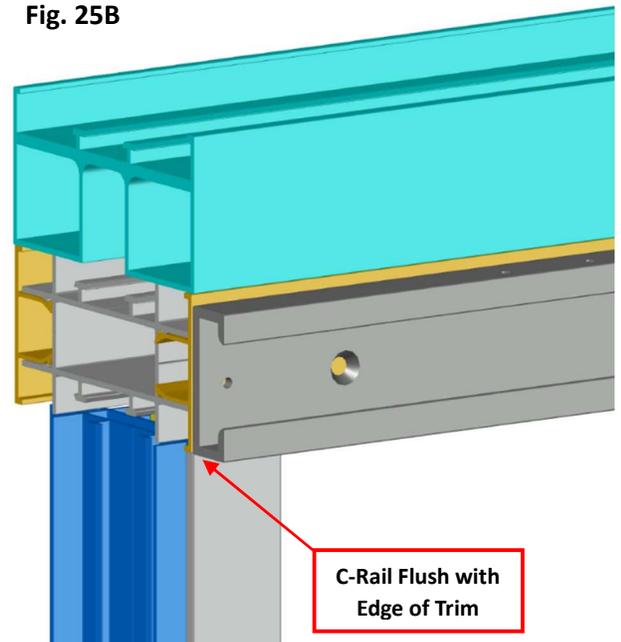


Fig. 26A

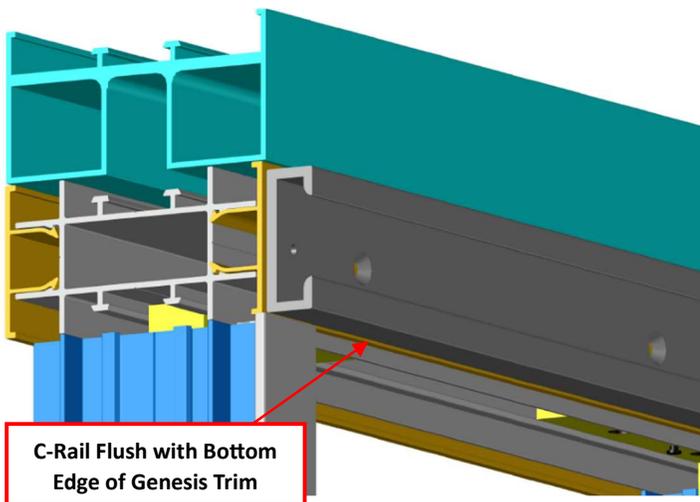
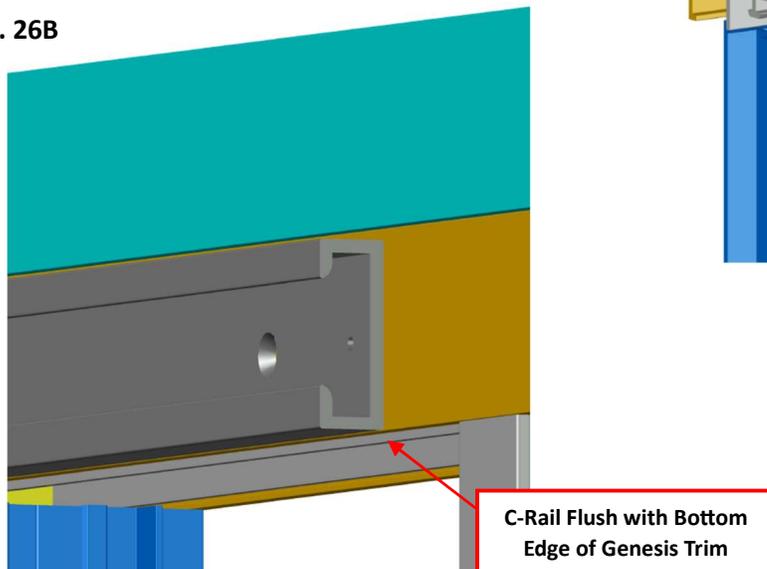


Fig. 26B



Nxtwall Installation Instruction

27. With the C-Rail positioned correctly use clamps to hold the C-Rail in position. Make sure the C-Rail is level. Fig. 27.
28. Pre-Drill holes through the center of the counter sunk holes with a 5/32" drill bit for the attaching screws.
29. Attach C-Rail to the framing using the supplied 1 ½" Taper Headed C-Rail Screws.
30. C-Rail Installation complete.
31. Once the door is installed the doorstops can be installed.
32. Framing complete.

Fig. 27

