

Nxtwall Installation Instruction

Installation Scenario:

Flex Series with Non-Full Height Sliding Door

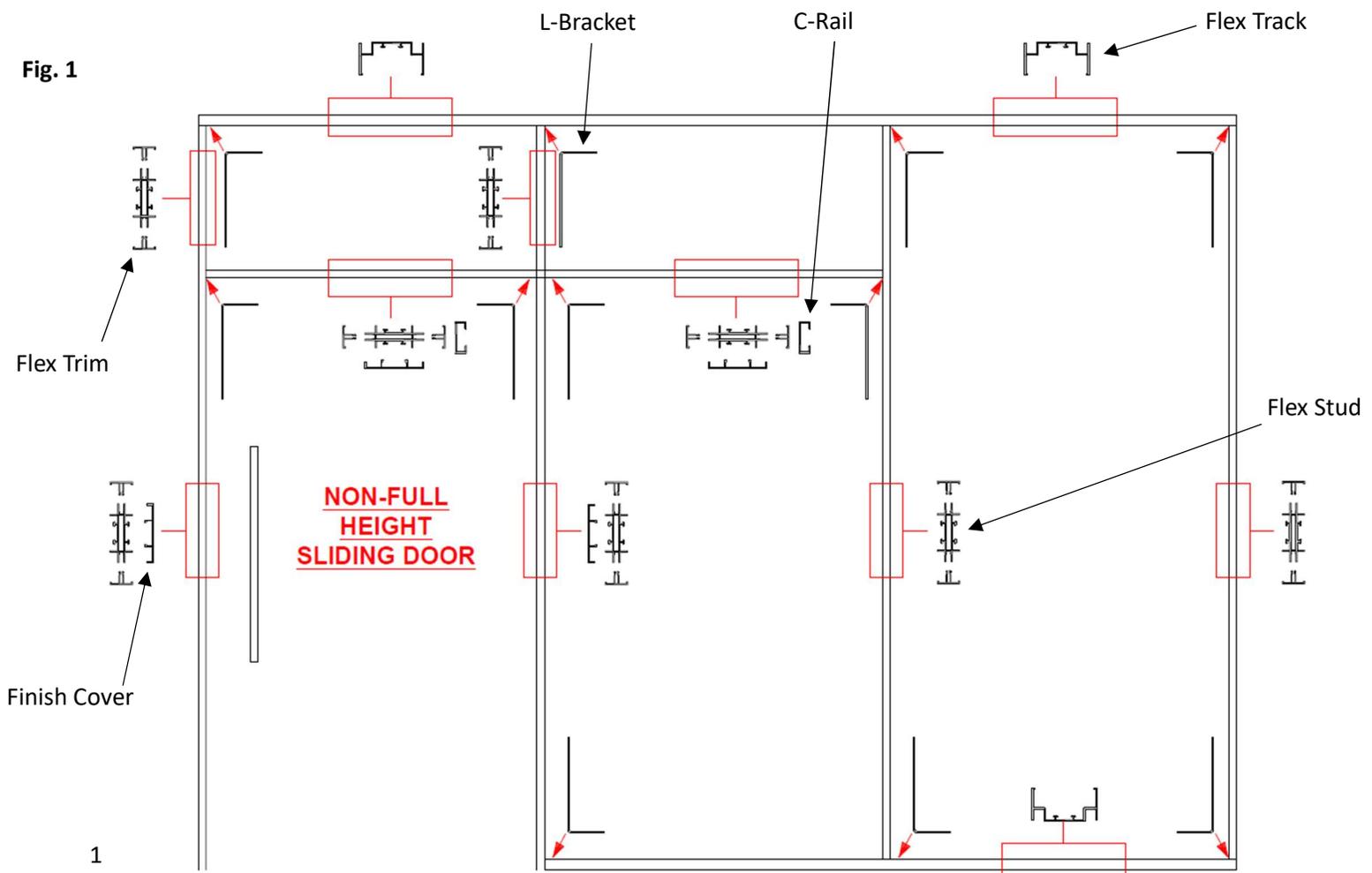
- This guide covers how to frame for this scenario only, does not include panel or door installation.

Nxtwall Components Covered by this Instruction:

- Flex Track
- Flex Stud
- Flex L-Brackets
- Flex Trim
- Finish Cover
- 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.



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.

Installation Procedure:

1. Measure and Cut the Flex Track attaching to the ceiling.
 - 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.
2. Slide Flex L-Bracket(s) into the Flex Track. Fig. 2.
 - a. Note: Install one Flex L-Bracket per vertical Flex Stud.
3. Attach Flex Track to the ceiling. Fig. 3.
 - a. Install attaching screws every 4'- 6'.

Fig. 2

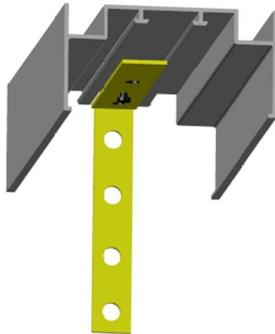
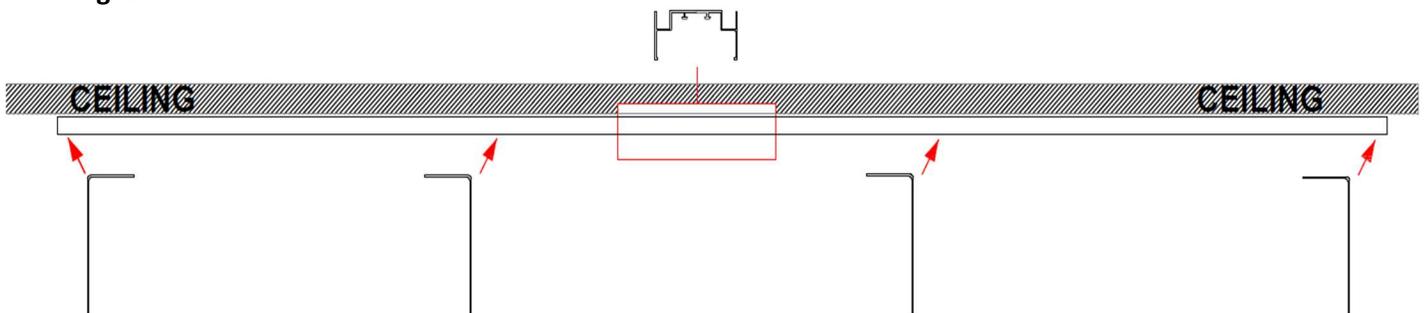


Fig. 3



Nxtwall Installation Instruction

4. Measure for Vertical Flex Studs within the door opening. Fig. 4.
 - a. Door Opening Flex Stud Length:
(Floor to Ceiling) - 3/4"
5. Install door opening Flex Studs.
 - a. The top of the Flex Stud will be inside the Flex Track at the ceiling and run directly to the floor. Fig. 5.
 - b. Note: If attaching to existing wall make sure the Flex Stud is plumb.
6. Slide Flex L-Bracket into each Flex Stud. Attach L-Bracket to the Flex Stud using the provided 3/4" Framing Screws. Fig. 6.
 - a. Use 2 attaching screws per L-Bracket.

Fig. 4

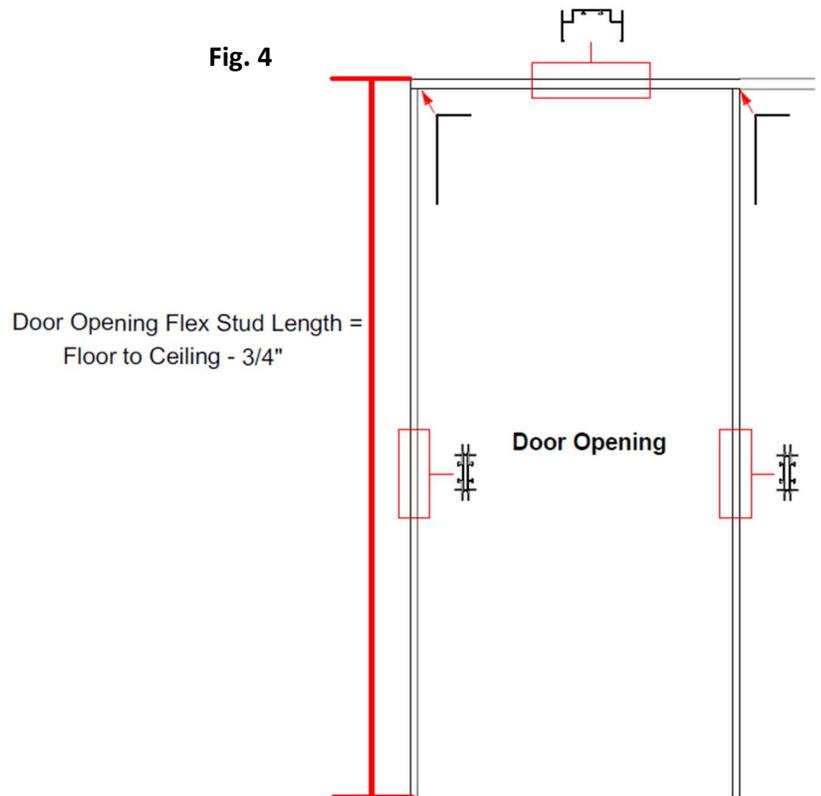


Fig. 5

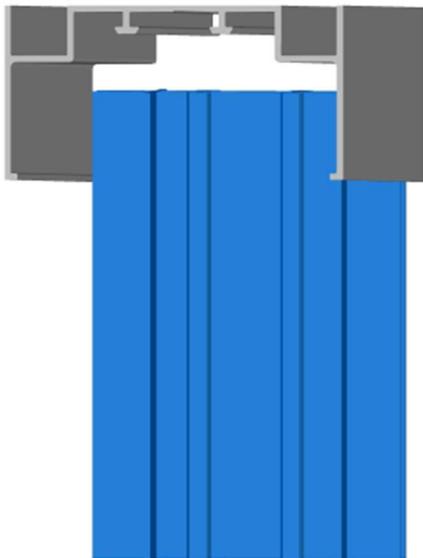
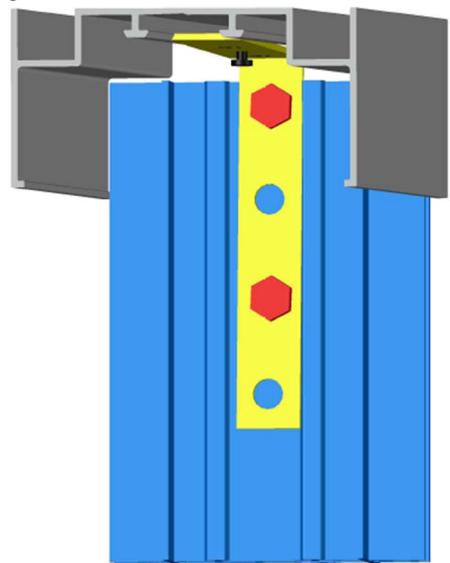


Fig. 6



Nxtwall Installation Instruction

7. Set door opening spacing.
 - a. Door opening measurement: 3' 2" (38")
Measuring points shown in Fig. 7.
 - b. Note: Pre-cut a Flex Stud at 3' 2" to properly space the door opening Flex Studs at the floor and the ceiling.
 - c. Once spacing is established tighten set screws within the L-Bracket in the ceiling track to lock the Flex Studs in place.
 - d. Note: There are occasions when the door opening is larger than 3' 2", reference the drawing for the opening width.
8. With the door opening set measure and cut Flex Track attaching to the floor.
 - a. Length measurement will be from the door opening Flex Stud to the existing wall/Flex Post.
 - b. **Note:** The Flex Track will butt into the Flex Stud within the door opening.
Fig. 9
 - c. Leave Flex Stud Spacer in place to ensure proper door opening spacing.

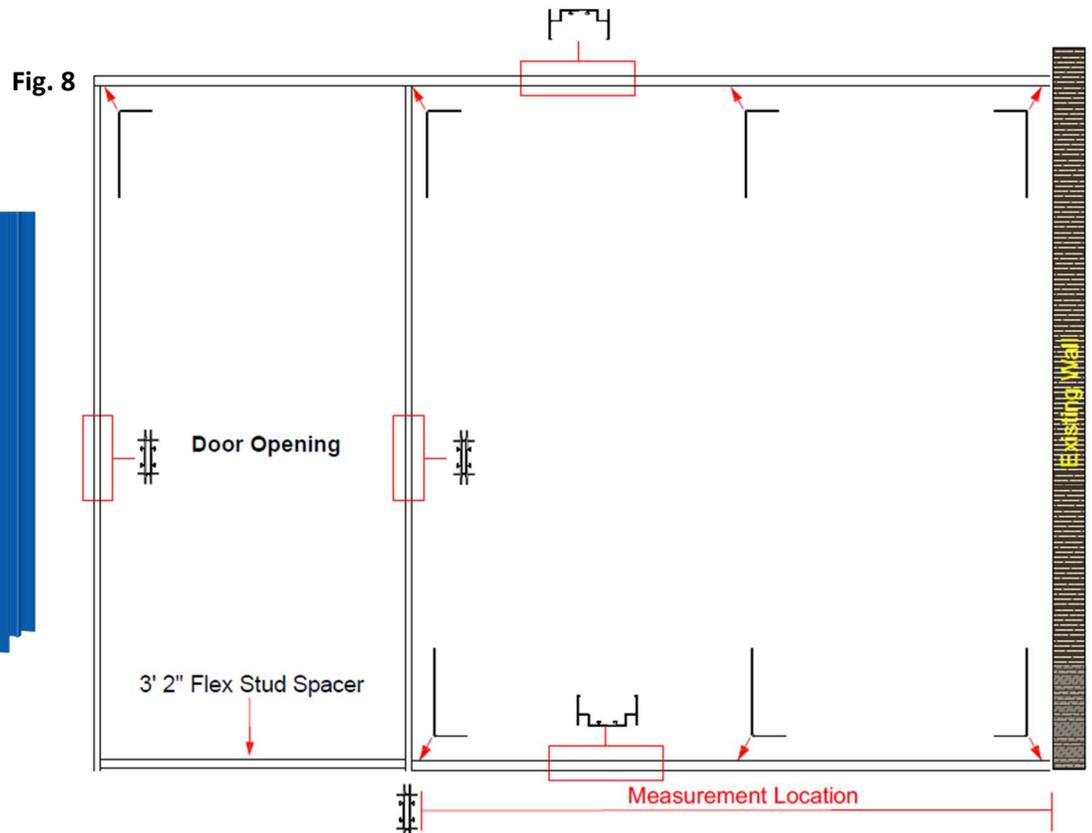
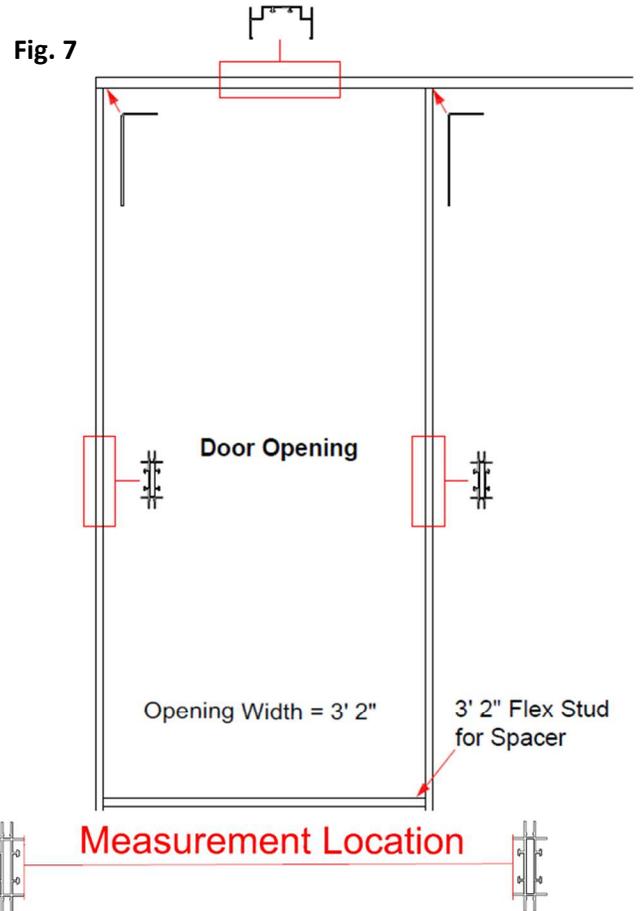
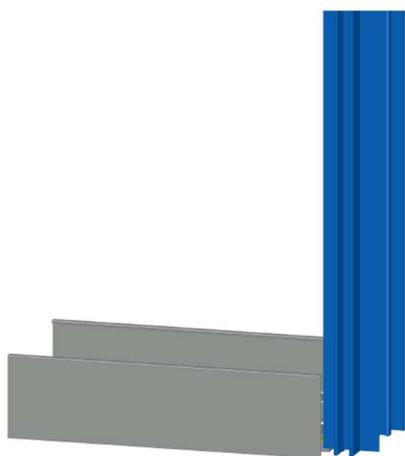


Fig. 9



Nxtwall Installation Instruction

9. Slide Flex L-Bracket(s) into the Flex Track. Fig. 10.
 - a. Note: Install one Flex L-Bracket per vertical Flex Stud.
10. Slide Flex L-Bracket into Flex Stud within the door opening. Attach L-Bracket using 2 – 3/4" framing screws. Tighten the set screw.
11. 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. 11.

Fig. 10

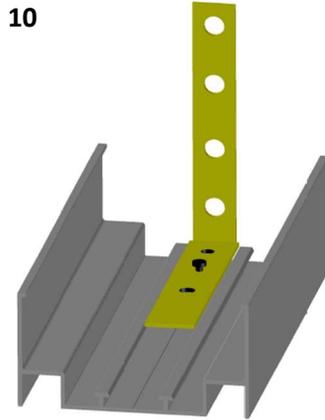
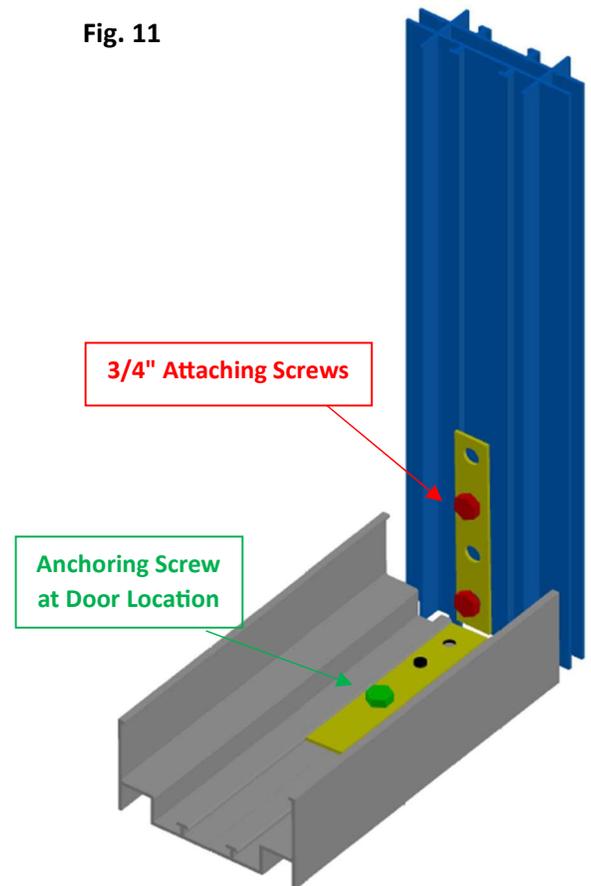


Fig. 11



Nxtwall Installation Instruction

12. Measure for non-door opening Vertical Flex Studs. Fig. 12.

- a. Flex Stud Measurement:
(Floor to Ceiling) – 1 ½"

13. Install Flex Studs into the floor and ceiling Flex Track.

- a. Allow air gap between the Flex Stud and Flex Track. This will give the ability to move the Flex Stud when setting the spacing between studs. Fig. 13.
- b. If attaching to existing wall attach Flex Stud to the existing wall.

14. Slide L-Brackets in the floor and ceiling Flex Track into the Flex Studs. Attach using 2 – 3/4" Framing Screws. Fig. 14.

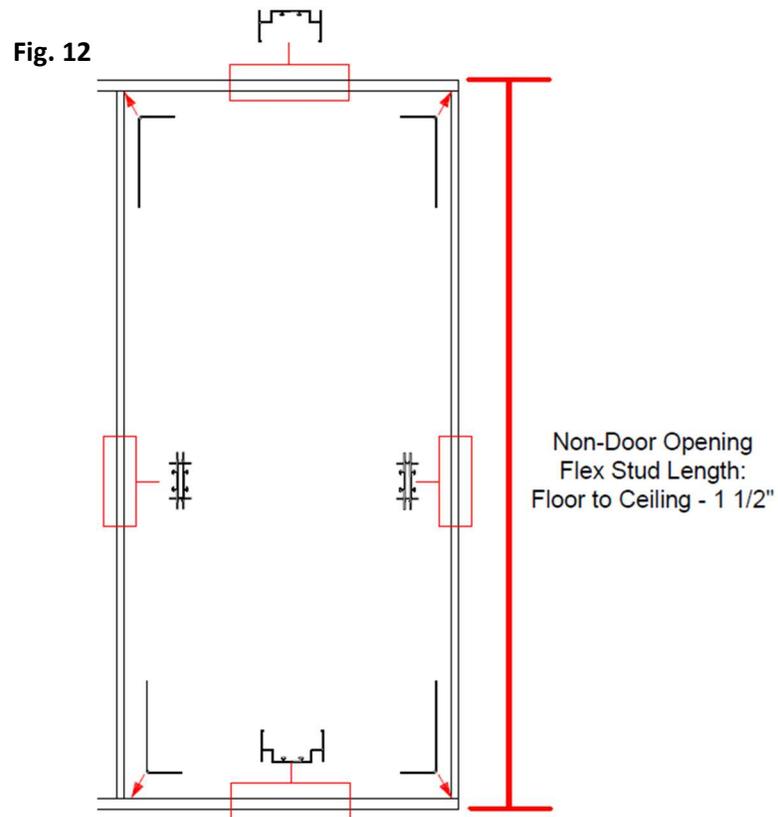


Fig. 13

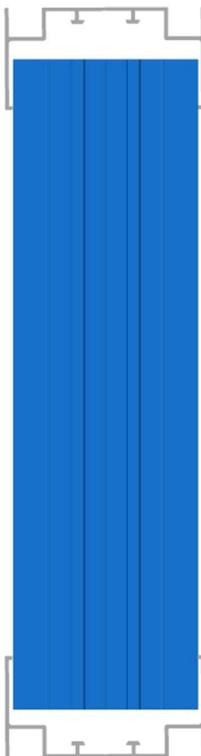
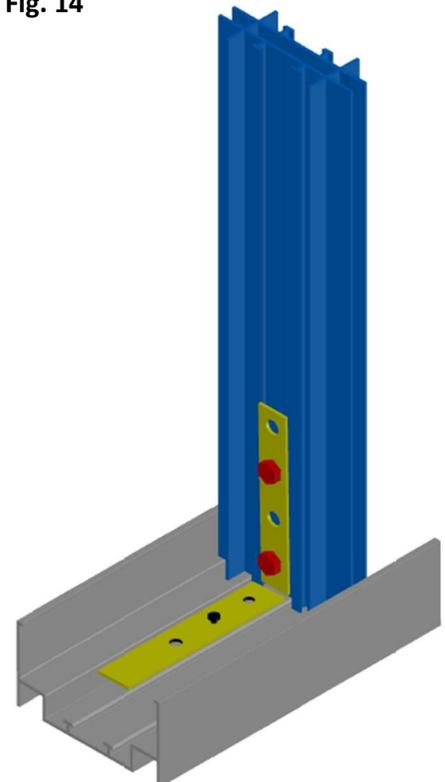


Fig. 14



Nxtwall Installation Instruction

Door Opening Framing

15. For Non-Full Height Sliding Doors Flex Studs will be used horizontally for entirety of the sliding door opening. Fig. 15.

16. Cut Flex Studs to fit in between the vertical Flex Studs.

- Use the 3' 2" Flex Stud used as a spacer for the walkthrough section of the sliding door opening.
- The stud length for fixed panel next to the walkthrough opening will be dependent on the layout of the project.

17. Slide Flex L-Brackets into each Flex Stud.

- Use two L-Brackets per stud. Fig. 16.

Fig. 16

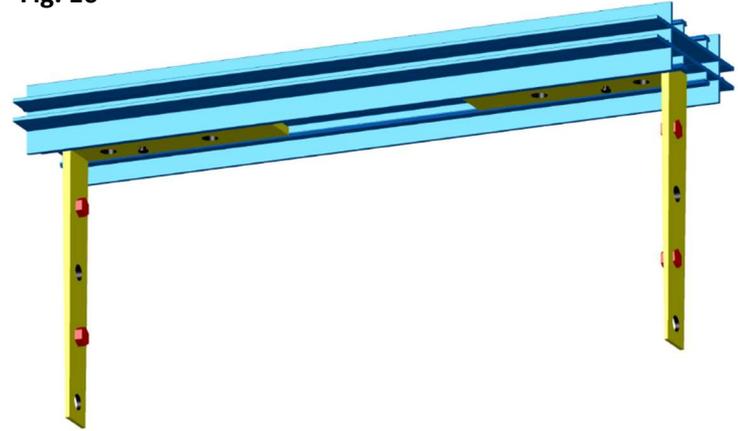
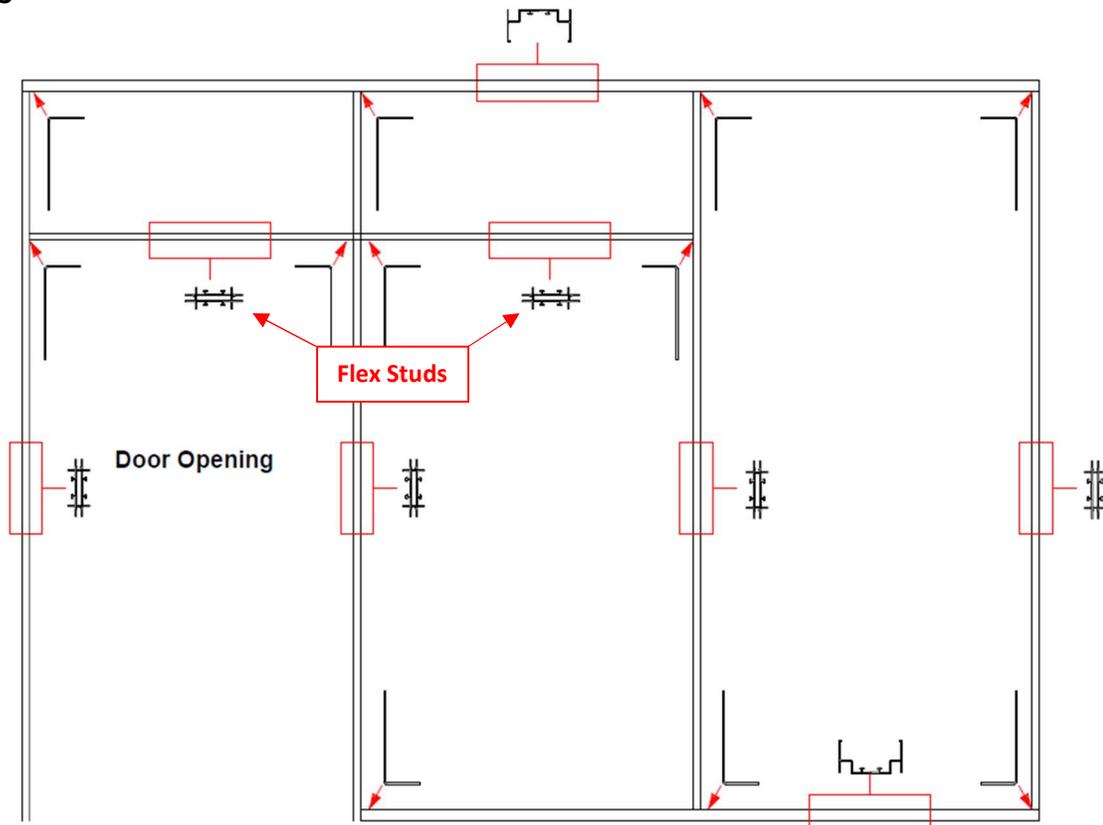


Fig. 15



Nxtwall Installation Instruction

21. Install horizontal Flex Stud within the fixed panel section of the door opening.

Fig. 20.

- Make sure the horizontal stud is inline with the stud within the door opening.
- Note: Use the attaching screws coming through the stud as an alignment guide for the L-Bracket.
- Attach L-Bracket to the vertical Flex Stud on one side.

22. Level the Flex Stud and attach L-Bracket to the vertical Flex Stud.

23. **Important:** Make sure the horizontal Flex Studs within the entirety of the door opening are perfectly level. The C-Rail for the sliding door will be attached directly to the horizontal studs. Proper door function is dependent on the studs being level. Fig. 21.

24. With the horizontal studs in place tighten the set screws on the L-Brackets to lock the studs in place.

Fig. 20

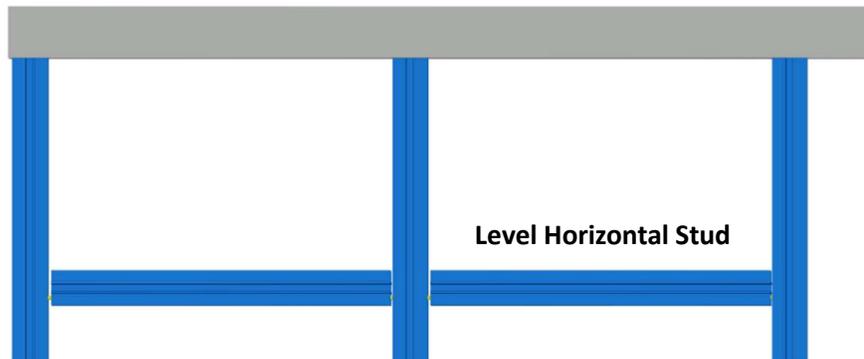
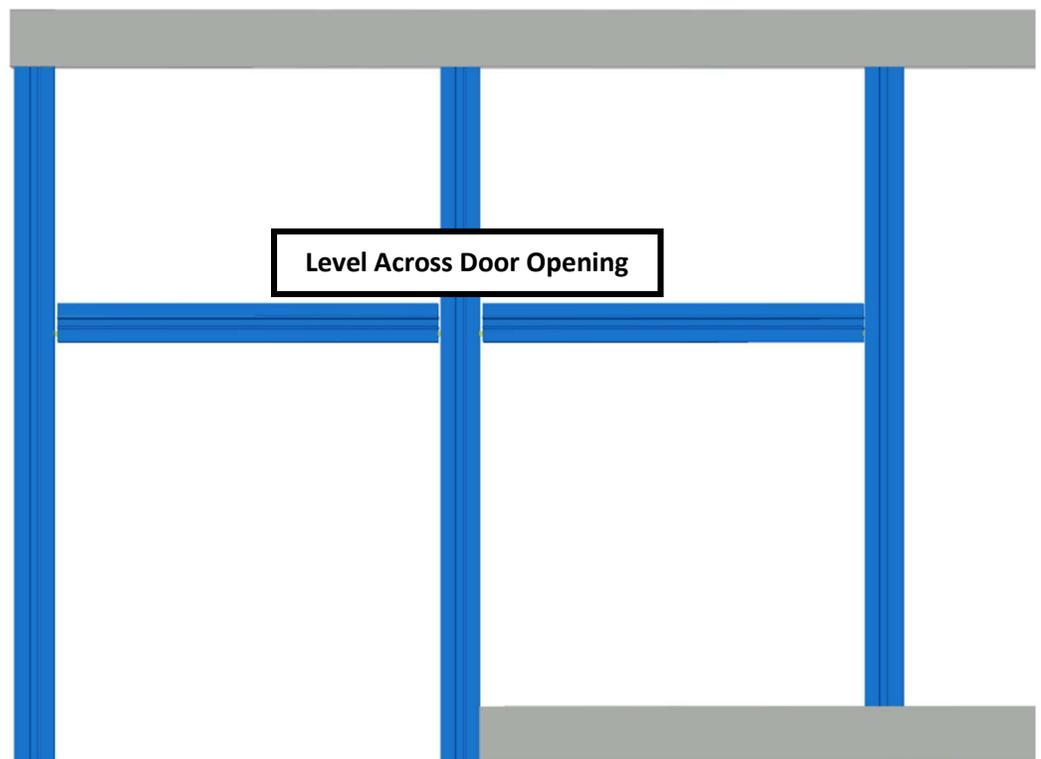


Fig. 21



Nxtwall Installation Instruction

C-Rail Installation

25. Prior to installing the C-Rail all fixed panels must be installed (glass and/or solid panels) along with the trim. Fig. 22.
26. The C-Rails are pre-cut and pre-drilled for standard width doors. Fig. 23.
 - a. The C-Rails are 75 $\frac{3}{4}$ " 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) are to be prepped on site.

Fig. 22

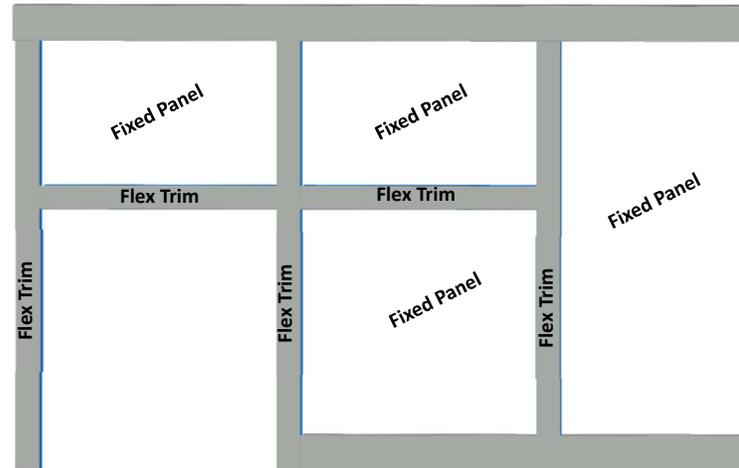
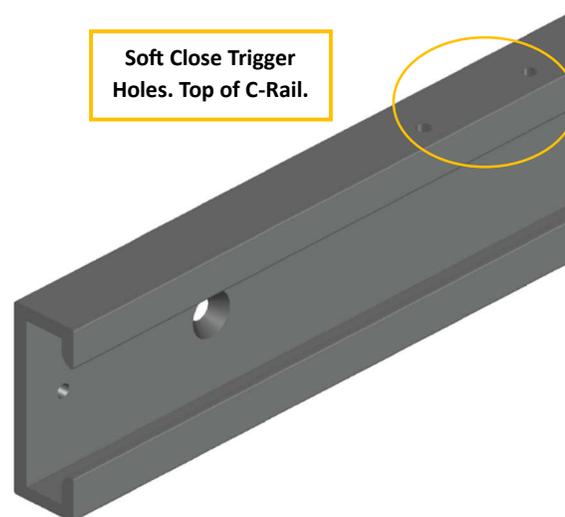


Fig. 23



Nxtwall Installation Instruction

27. Place C-Rail onto the horizontal Flex Trim.

- a. The C-Rail will overlap the Flex Trim on closed side of the opening. The edge of the C-Rail will be flush with the edge of the Flex Trim. Fig. 24 A/B.
- b. The bottom edge of the C-Rail will be flush with the bottom edge of the horizontal Flex Trim. Fig. 25 A/B.

Fig. 24A

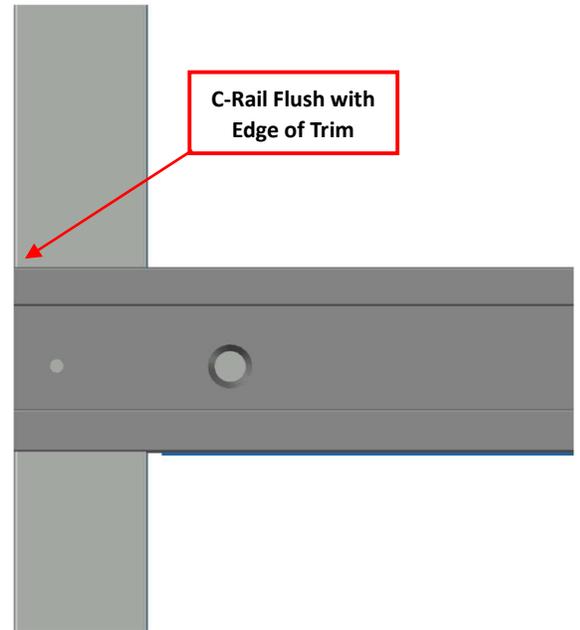


Fig. 25A

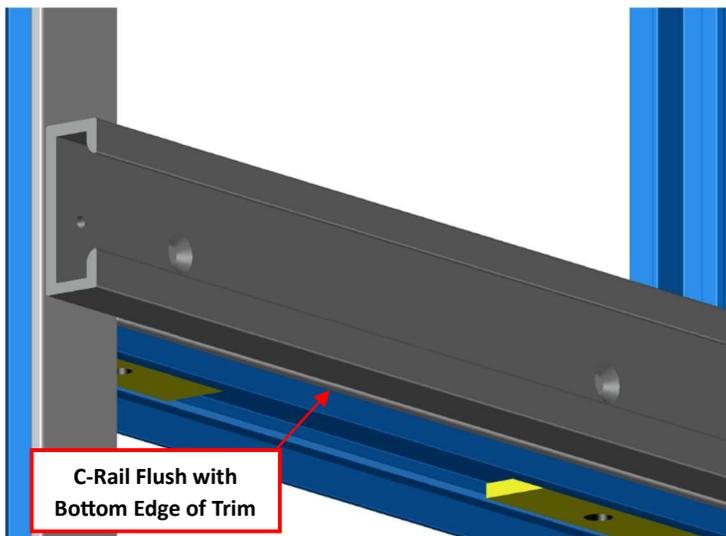


Fig. 24B

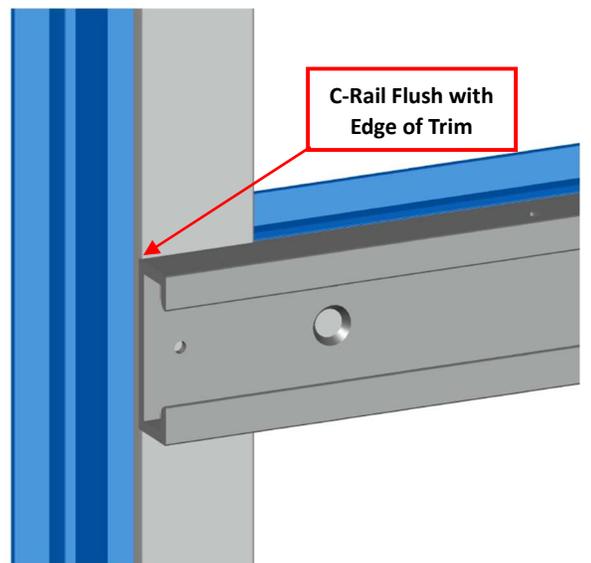
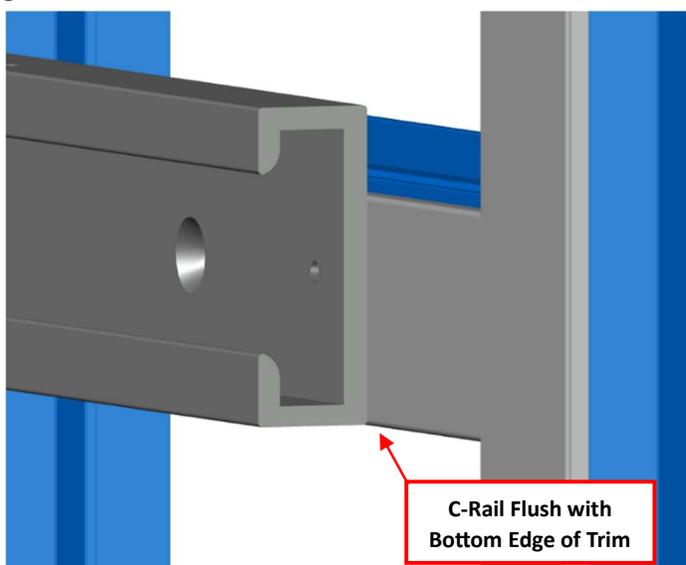


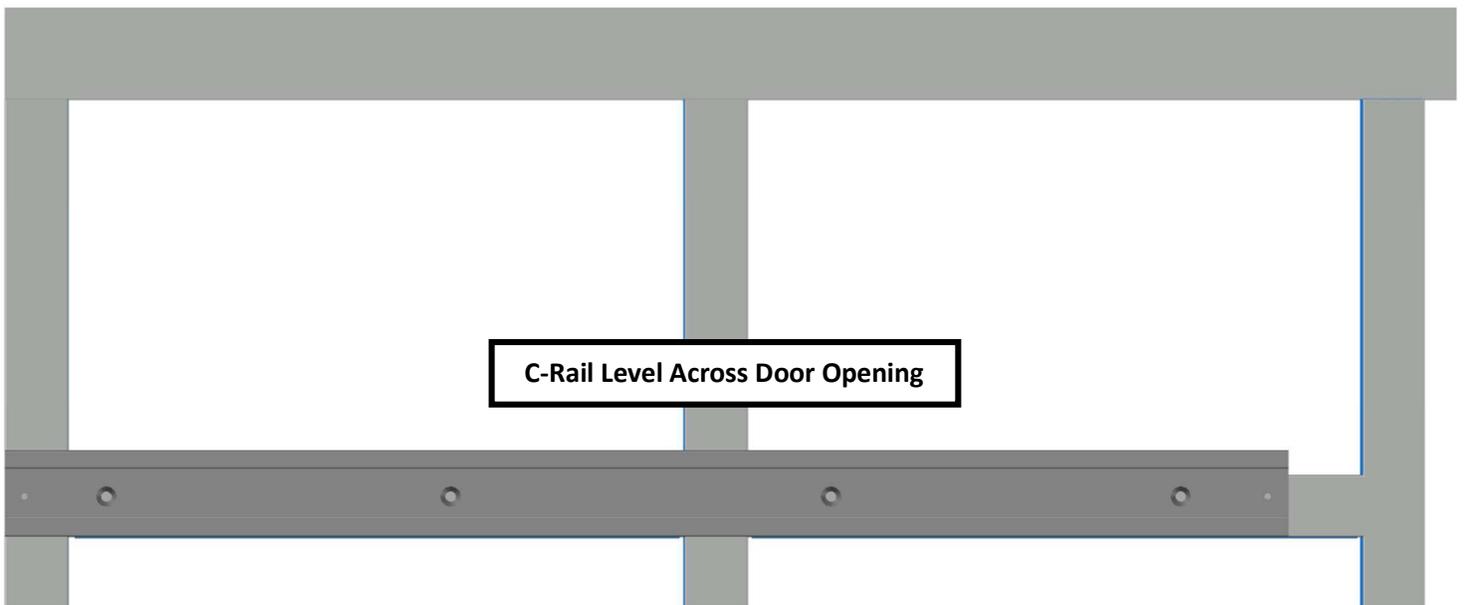
Fig. 25B



Nxtwall Installation Instruction

28. With the C-Rail positioned correctly use clamps to hold the C-Rail in position. Make sure the C-Rail is level. Fig. 26.
29. Pre-Drill holes through the center of the counter sunk holes with a 5/32" drill bit for the attaching screws.
30. Attach C-Rail to the framing using the supplied 1 ½" Taper Headed C-Rail Screws.
31. C-Rail Installation complete.
 - a. Once the door is installed the doorstops can be installed.

Fig. 26



Nxtwall Installation Instruction

Finish Cover Installation

32. 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 Flex Studs.

33. Measure and cut the Finish Cover for the horizontal Flex 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.

34. Install the Finish Cover

- 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. 27.

35. Measure for Finish Covers for the vertical Flex Studs.

- a. The measurement is from the floor to the Finish Cover on the horizontal Flex Stud. There needs to be a tight fit between the horizontal and vertical Finish Covers.

36. 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. 28.

37. Framing complete.

Fig. 27

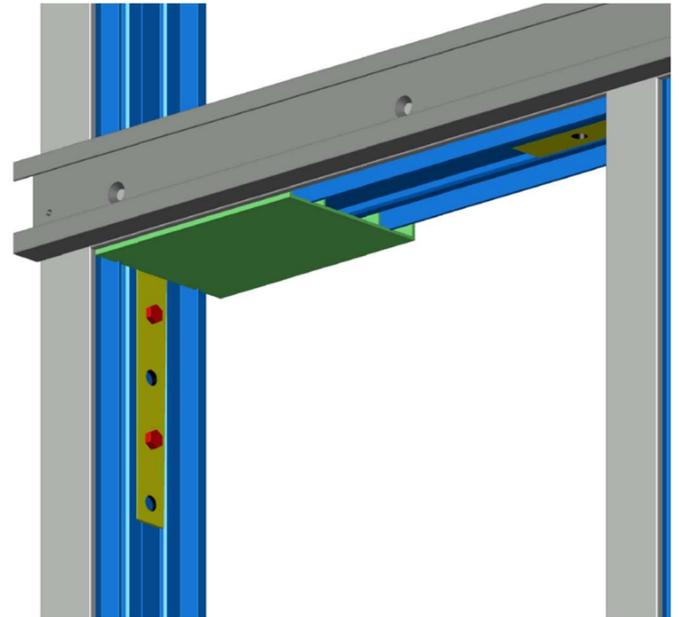


Fig. 28

