

Nxtwall Installation Instruction

Installation Scenario:

Flex Series Freestanding Non-Full Height Swing Door

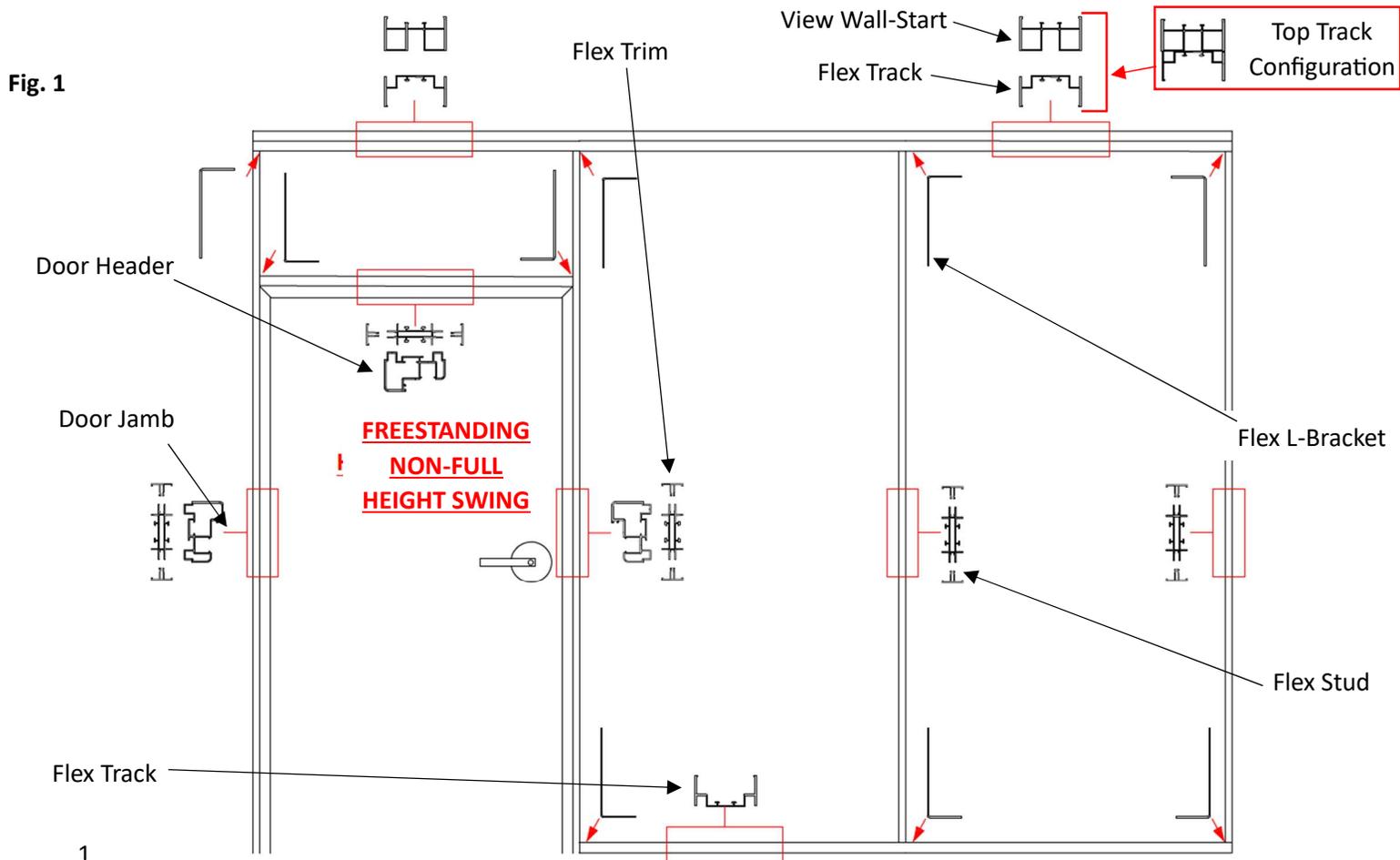
- This guide covers how to frame for this scenario only, does not include panel or door installation.

Nxtwall Components Covered by this Instruction:

- View Wall-Start
- Flex Track
- Flex Stud
- Flex L-Brackets
- Door Jambs and Header
- Flex Trim

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.

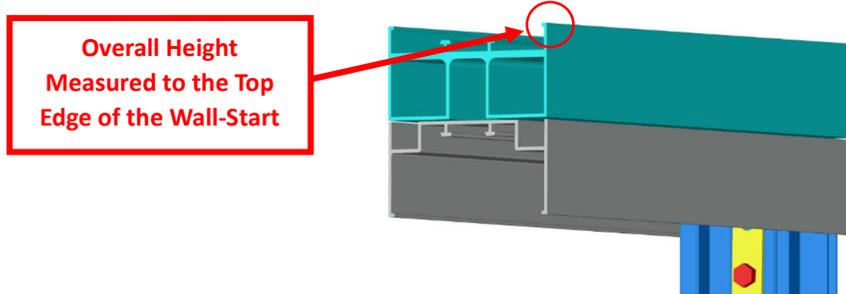


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General Notes for Installation:

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

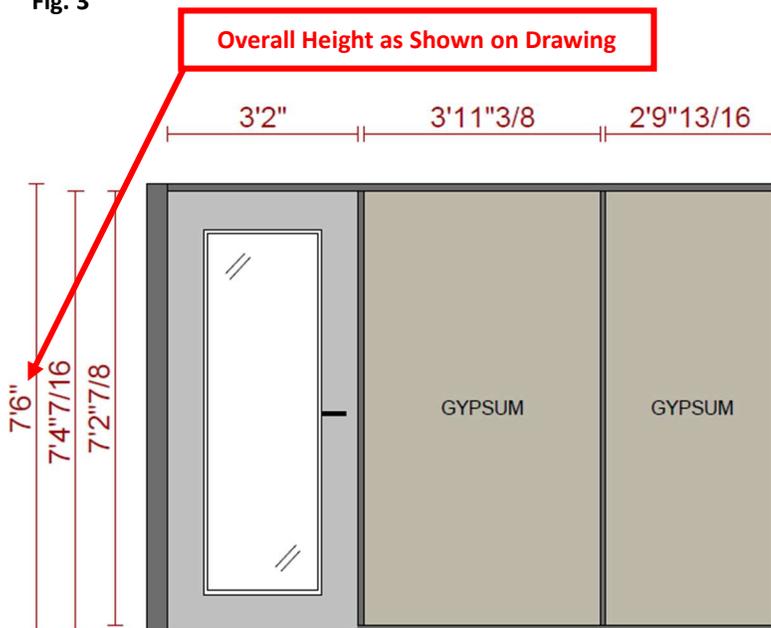


Notes for Freestanding Applications:

1. For freestanding applications View Wall-Starts are sent to be laminated to the Flex Track 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 Flex Track at the top of the wall. Fig. 2.
 - a. Note: The elevation drawing does not show the Flex Track laminated to the Wall-Start.
 - b. Example: The overall height on the drawing shows 7' 6". The overall height is 7' 6" from the floor to the top edge of the View Wall-Start. Fig 3.

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

Fig. 3



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Top Track Configuration Construction

Reference this page during the installation procedure.

The “Top Track Configuration” is a combination of the Flex Track 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 Flex Track 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 Flex Track.
 - a. Note: Install one Flex L-Bracket per vertical Flex Stud.
3. Attach the Flex Track to the View Wall-Start using 4” attaching screws. Attach every 4’ – 6’. Fig. 3 and Fig. 4.
 - a. Make sure the edges of the Flex Track and Wall-Start are flush with each other.
 - 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

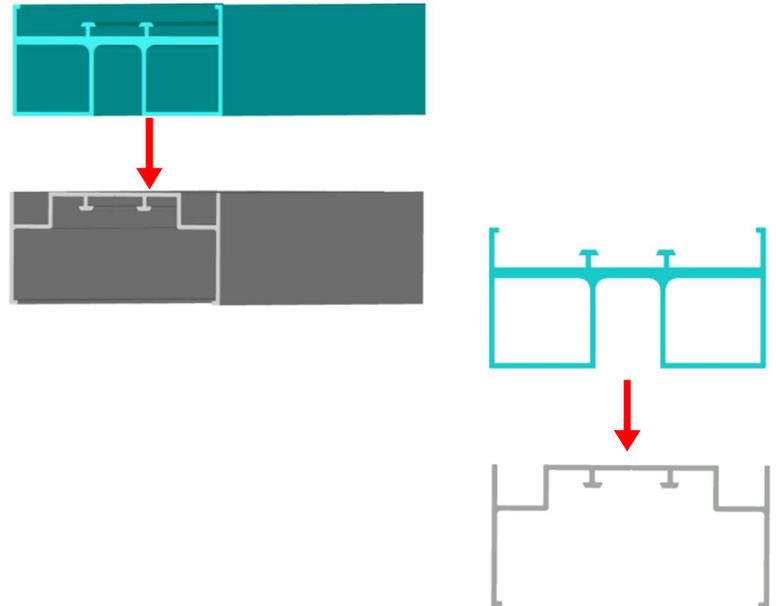
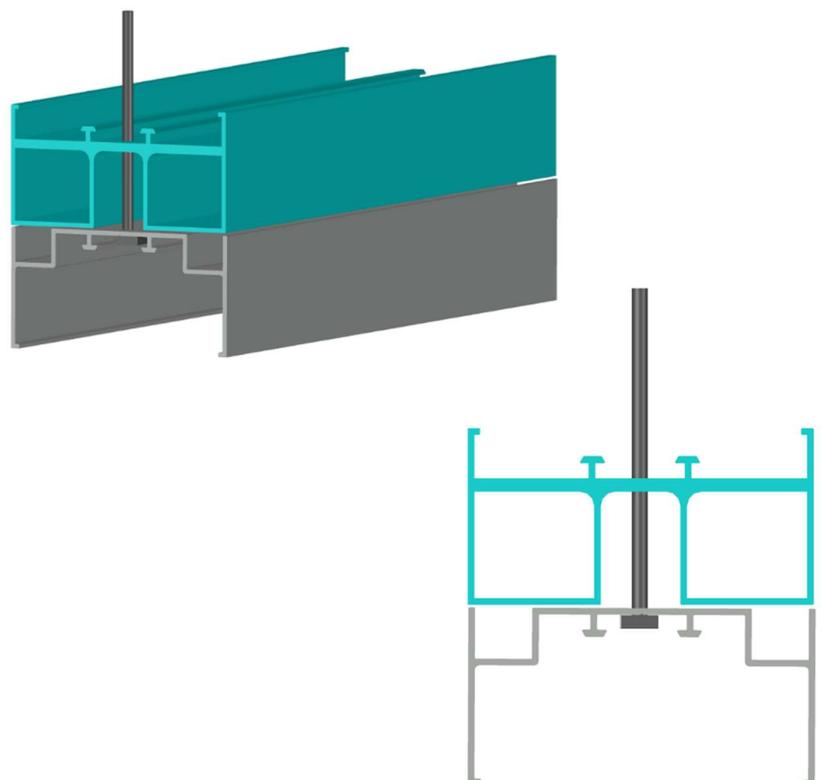


Fig. 4



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Installation Procedure:

1. Measure and construct the "Top Track Figuration". Reference page 3 for details.
2. Slide Flex L-Bracket(s) into the Flex Track 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 – 2 1/4"**
 - b. Freestanding Non-Door Opening Flex Stud Measurement:
 - i. **Floor to Top of Wall – 3"**
 - 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

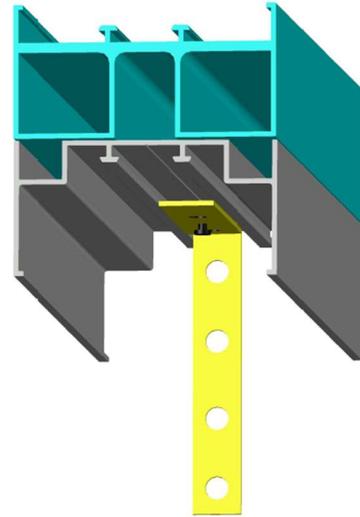


Fig. 6

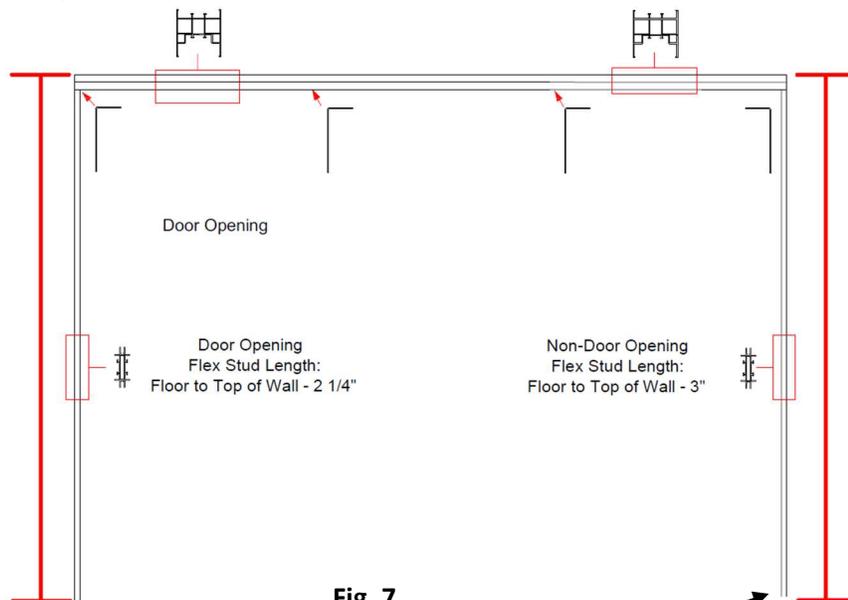
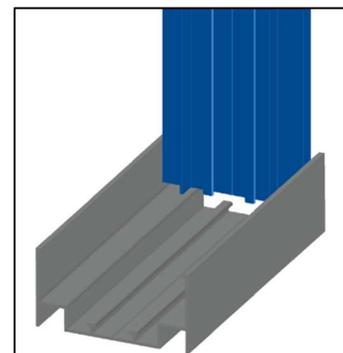


Fig. 7



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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.

Fig. 8

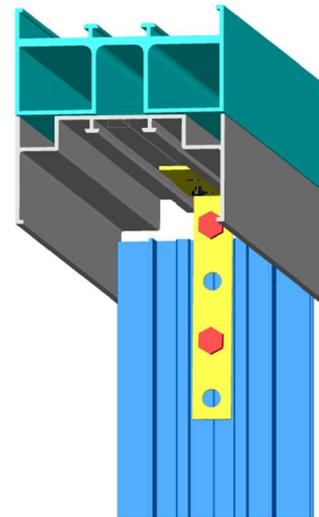
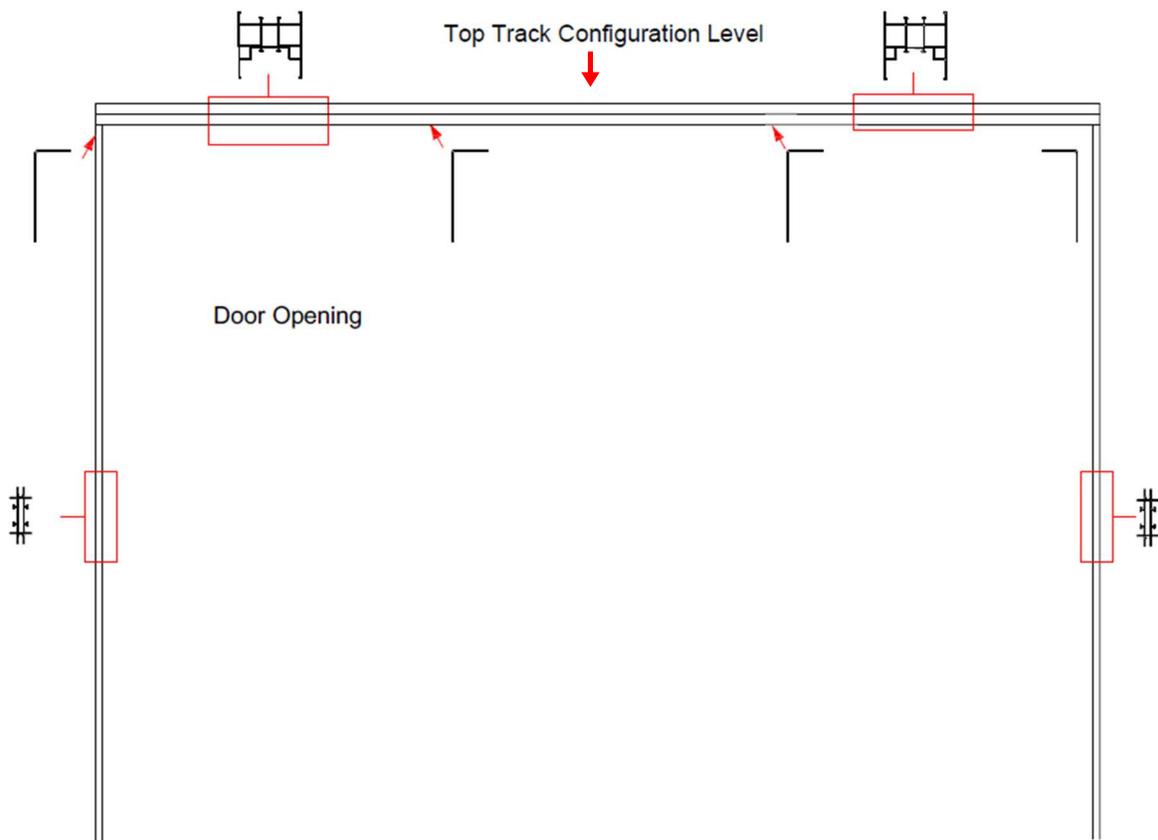


Fig. 9



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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 - 2 1/4"**
9. Install door opening Flex Studs.
 - a. The top of the Flex Stud will be inside the Flex Track 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

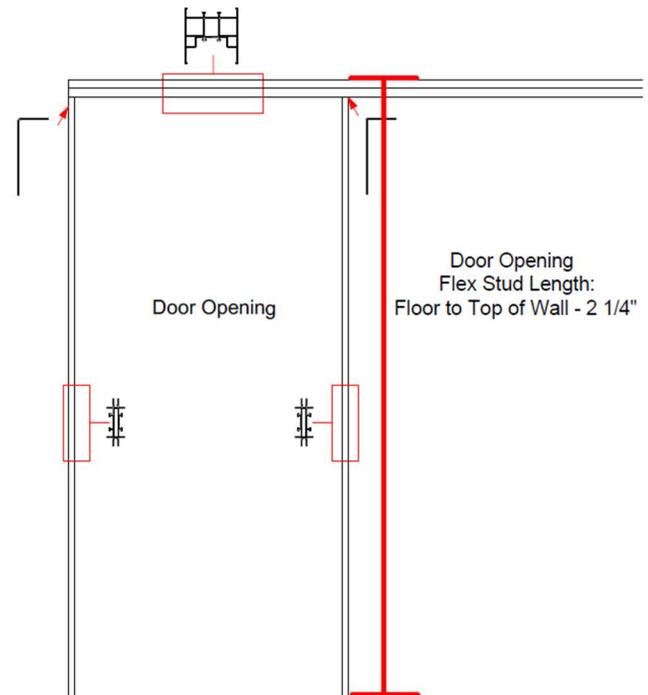
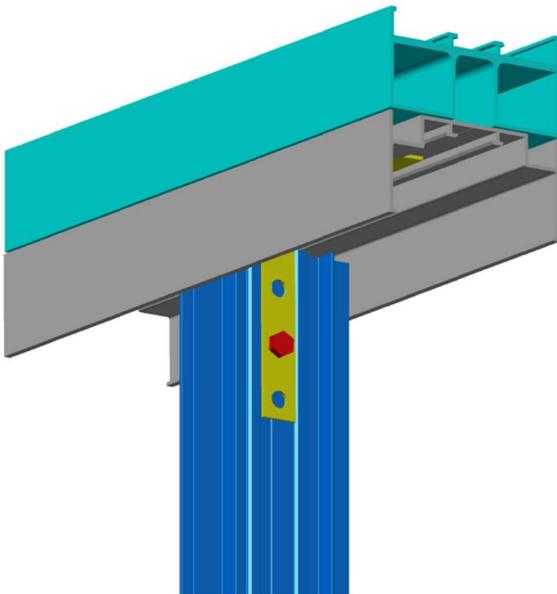


Fig. 11



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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

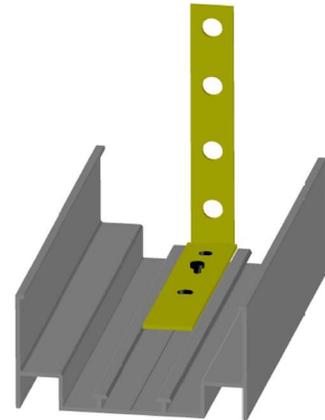
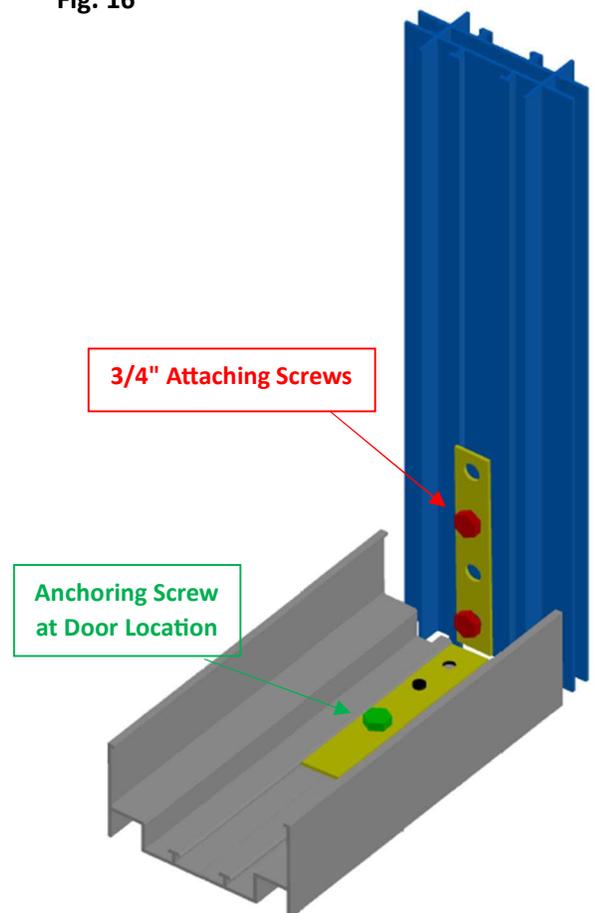


Fig. 16



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

- a. Flex Stud Measurement:
Floor to Ceiling – 3"

17. 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. 18.

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

Fig. 17

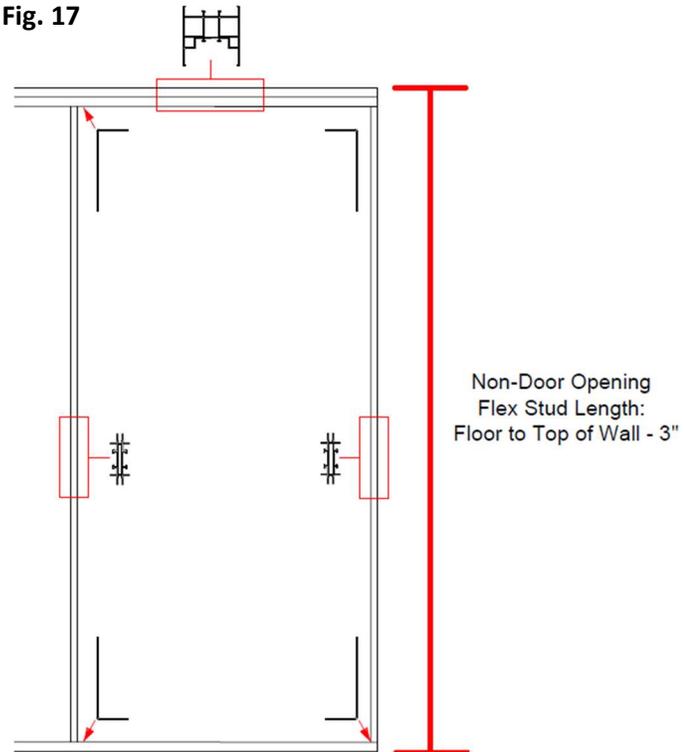


Fig. 18

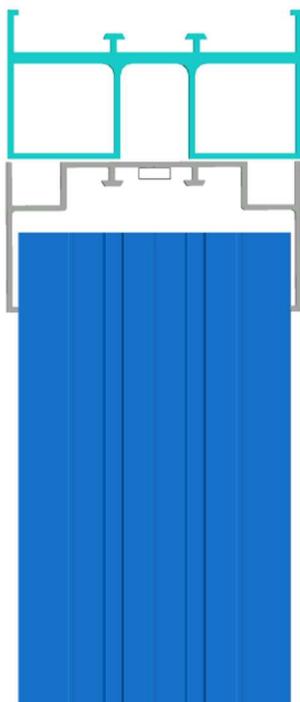
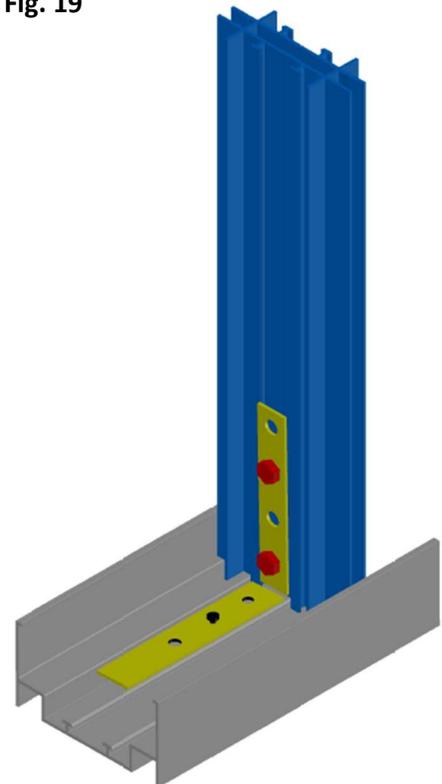


Fig. 19



Nxtwall Installation Instruction

Door Header and Jamb Installation

19. Attach Flex Stud to Door Header using 1 ¼" Framing Screws. Fig. 15A/B
 - a. For Single Doors Flex Stud Length = 37 ¾"
 - b. For Double Doors Flex Stud Length = 73 5/8"
20. Slide 2 – L-Brackets into each end of the Flex Stud. Install the L-Brackets so they are up towards the top of the wall. Fig. 20A/B
21. Place Vertical Door Jambs onto the Flex Studs within the door opening. Do not attach. Fig. 21.
 - a. Note: For Non-Full Height Swing Doors the vertical jambs are pre-cut to the correct length. Do not cut the door jambs.

Fig. 20A



Fig. 20B

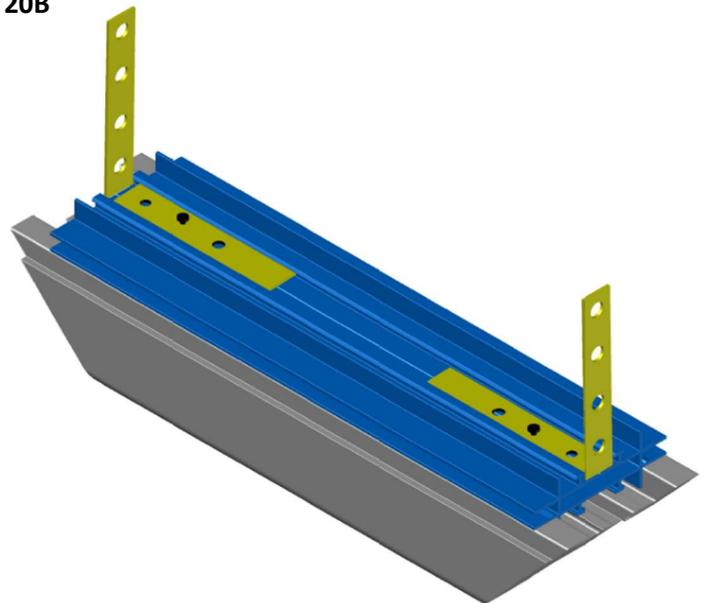
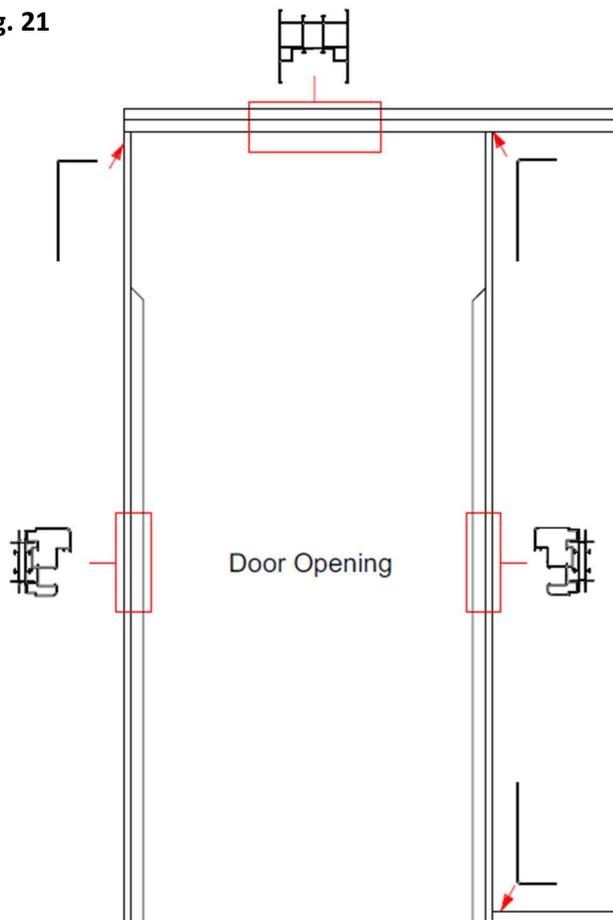


Fig. 21



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22. Set Door Header on top of the vertical Door Jambs. Fig. 17.
23. If the Door Header is unlevel, level the Door Header and bring the vertical Door Jamb up to the Door Header.
24. Attach L-Brackets in the Horizontal Flex Stud to the Vertical Flex Studs. Tighten the set screws.
25. Attach Vertical Door Jambs to the Flex Studs and attach using 4 – 1 ¼" Framing Screws. Fig. 18.
26. Framing Complete.

What's Next...

Below are possibilities for the next phase(s) of the installation. For more information regarding installation reference the installation guides for each scenario.

- Install Byrne Electrical, Data, and/or Blocking.
- Install solid panels and trim.
- If there is glass on the project install the glazing bead and measure for the glass. Install the glass once it arrives.
- Install doors and door hardware.

Fig. 17

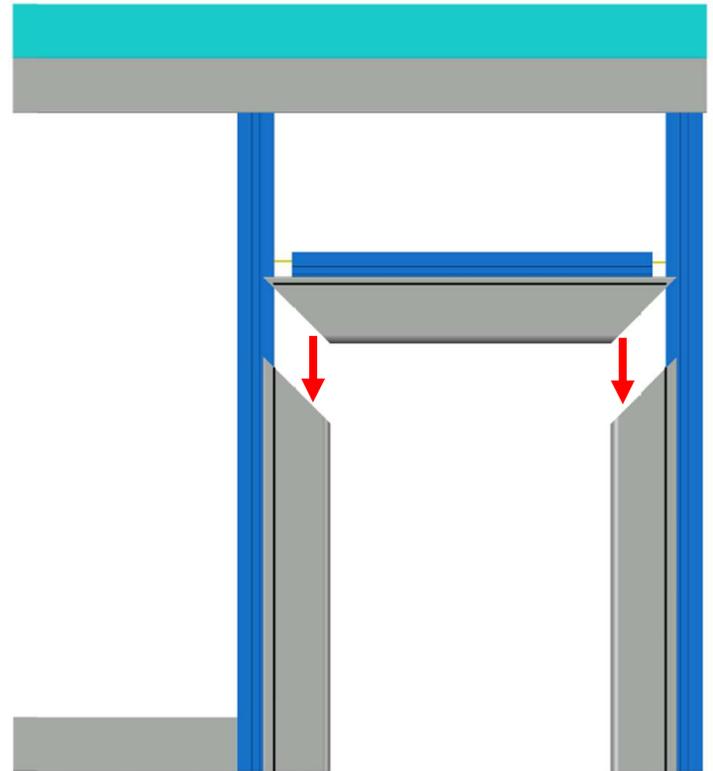
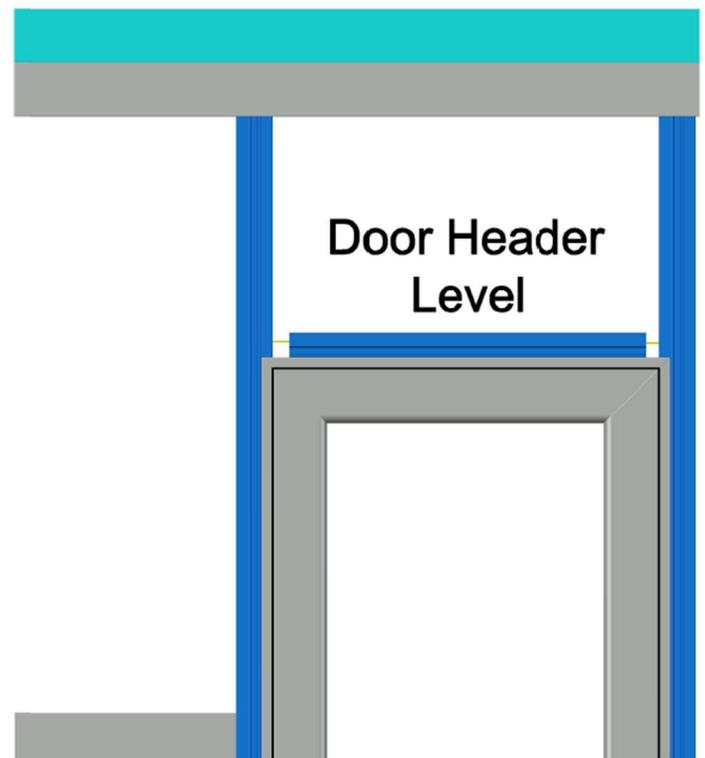


Fig. 18



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Phone: (269) 488-2752

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