# Nxtwall
# Installation Instruction

Phone: (269) 488-2752

01/2024

**Installation Scenario:**

Flex Series Freestanding Flex Post Installation.

- This guide covers how to build a Flex Post for Freestanding Applications.
- This guide applies to all Flex Series Freestanding applications.
    - Freestanding Full Height Swing Door (Pages 4-7)
    - Freestanding Non-Full Height Swing Door (Pages 4-7)
    - Freestanding Non-Full Height Sliding Door (Pages 4-7)
    - Freestanding Full Height Sliding Door (Pages 8-12)

**Nxtwall Components Covered by this Instruction:**

- Flex Post
- View Wall-Start
- Flex Track
- Flex Stud
- Genesis Stud
- Flex L-Brackets

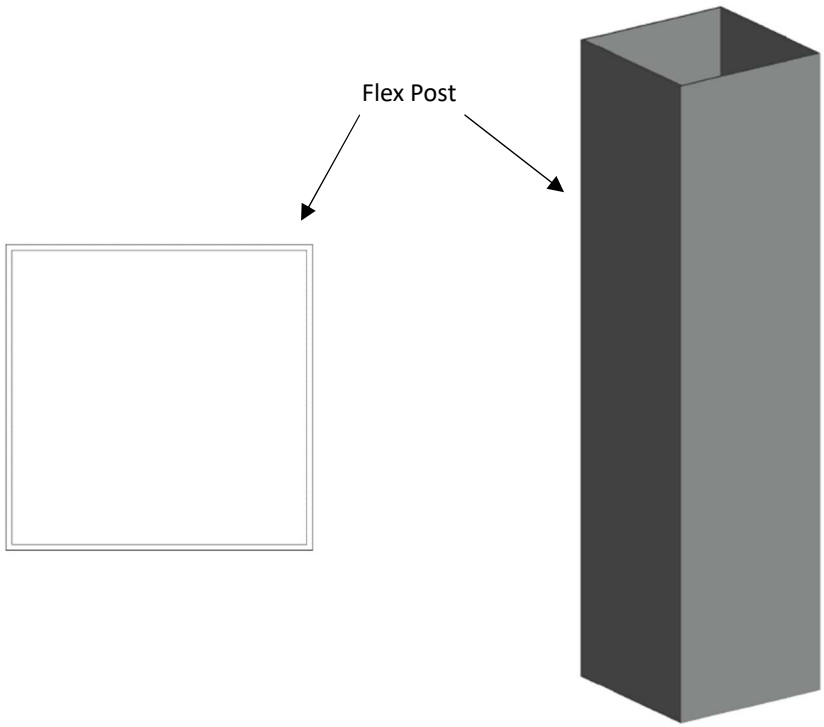
**Recommended Installation Tools:**

- 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.

**Flex Post Function**

- The function of the Flex Post is to create 90° turns within the layout of the wall system.

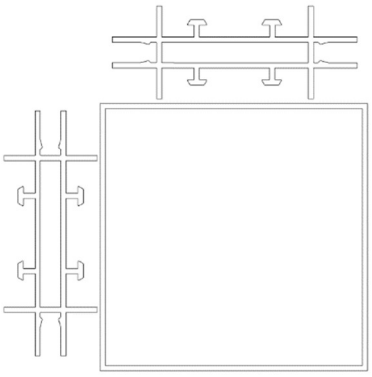
**Fig. 1**



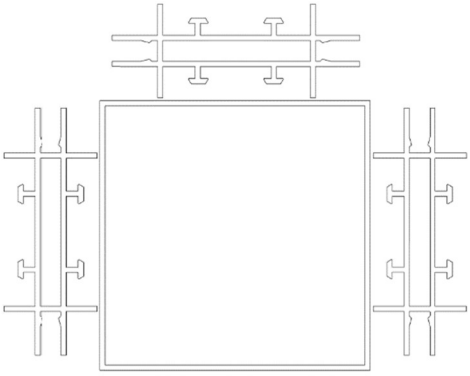
**Flex Post Configurations:**

- Anytime there is a Partition coming off a Flex Post there will be a Flex Stud attached to the Post. Fig. 2.
    - The length of the Flex Stud is dependent on the situation. These situations will be covered later in this guide.
- Once the solid and/or glass panels have been installed, Flex Trim will be installed onto the Flex Studs. The Flex Trim will be flush with the edge of the Flex Post. Fig. 3.

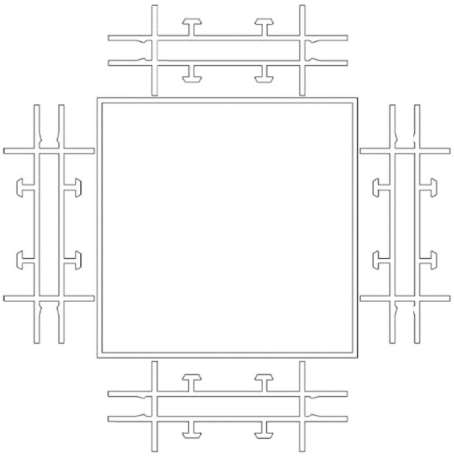
**Fig. 2**



**2 Way**

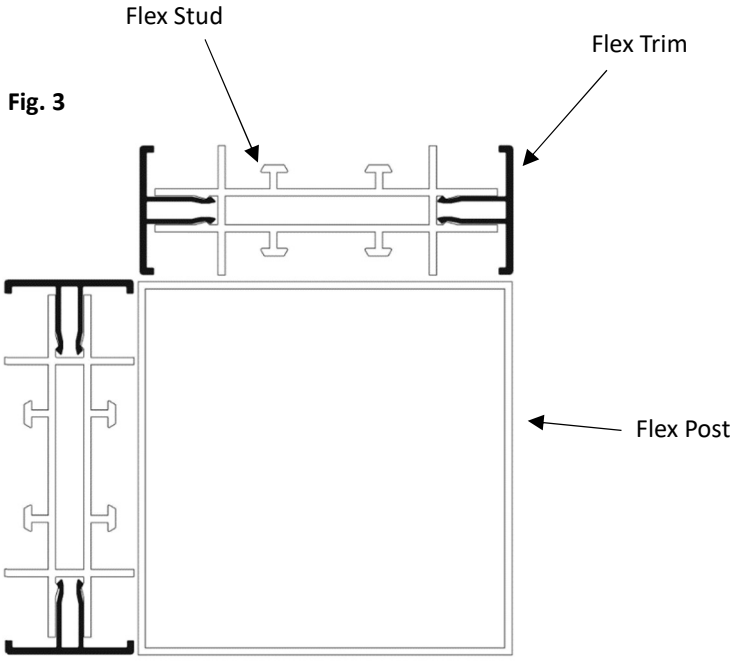


**3 Way**



**4 Way**

**Fig. 3**



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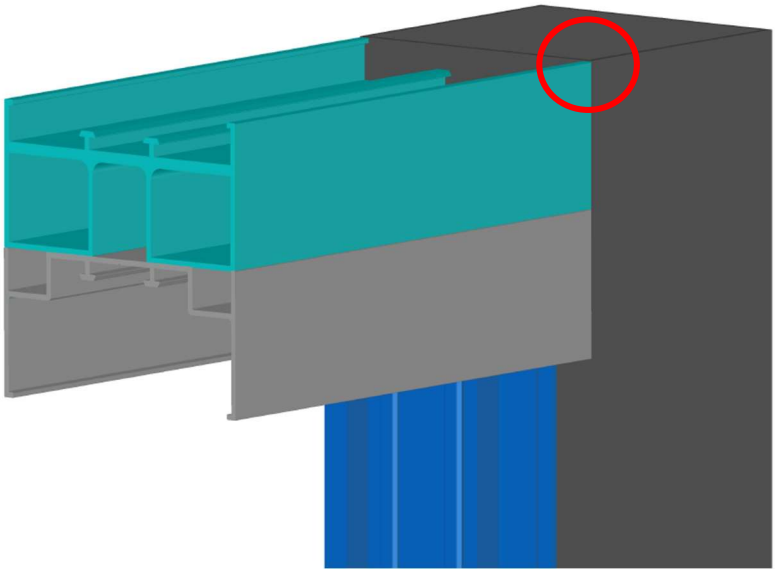
## Flex Posts for Freestanding Applications

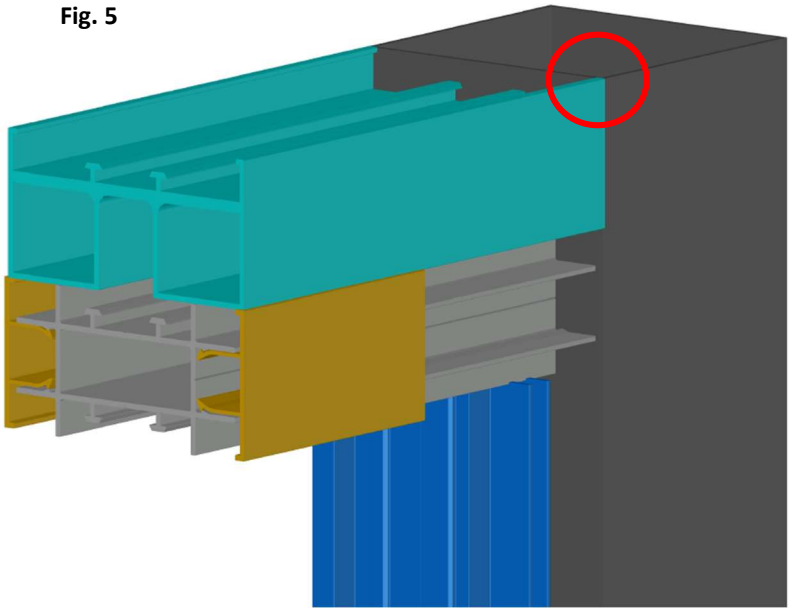
- For Freestanding applications the height of the Flex Post will match the overall height of the partitions.
    - Example: If the overall height of the wall is 8', the height of the Flex Post will be 8'.
- The "Top Track Configuration" will butt directly into the Flex Post. The top edge of the Wall-Start will be flush with the top edge of the Post. Fig. 4 and 5.
- The Flex Post will need to be built prior to installing the "Top Track Configuration". The top track configuration will rest on the Flex Stud attached to the post.
- For information on how to construct and install the "Top Track Configuration" reference these guides:
    - Flex Series Freestanding Full Height Swing Door
    - Flex Series Freestanding Full Height Sliding Door
    - Flex Series Freestanding Non-Full Height Swing Door
    - Flex Series Freestanding Non-Full Height Sliding Door

**Fig. 4**



**Scenario: Flex Series F.S. Full Height Swing Door, Non-Full Height Swing Door, Non-Full Height Sliding Door, Non-Door Opening Partitions**

**Fig. 5**



**Scenario: Flex Series F.S. Full Height Sliding Door**

## Flex Post Construction/Installation

- This section will cover Freestanding applications for:
  - **Full Height Swing Doors**
  - **Non-Full Height Swing Doors**
  - **Non-Full Height Sliding Doors**
  - **Non-Door Opening Partitions**

## Flex Post Installation: Door Opening Locations

1. Cut Flex Post to length.
   a. Note: The length will match the overall height of the wall.
2. Determine the configuration of the Flex Post and which side of the Flex Post will be the door opening.
3. Measure and cut the Flex Stud attaching to the Flex Post.
   a. For Door Openings the Flex Stud length will be:
      i. **(Length of Post) - 2 ¼"**
   b. For door openings the bottom of the Flex Stud will be flush with the bottom of the Post and 2 ¼" down from the top of the Post. Fig 6.
4. Center the Flex Stud on the Post and attach using 4 – 1 ¼" Framing Screws.
   a. Note: At the top of the Post keep the attaching screw at least 6" down from the top of the Stud. This will ensure the attaching screw does not interfere with the L-Bracket. Fig. 7.
   b. Use small pieces of Flex Trim when positioning the stud on the post. The edges of the trim will be flush with the edges of the post.

**Fig. 6**

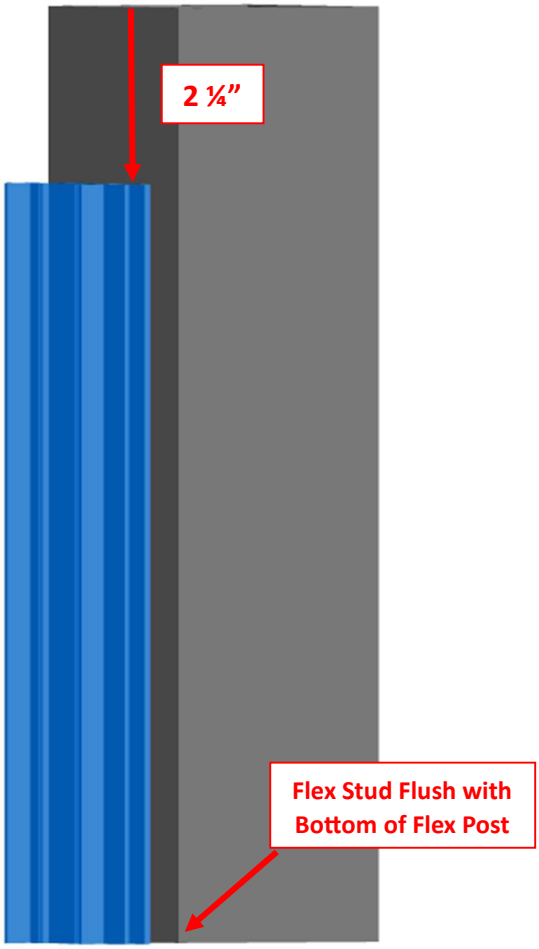
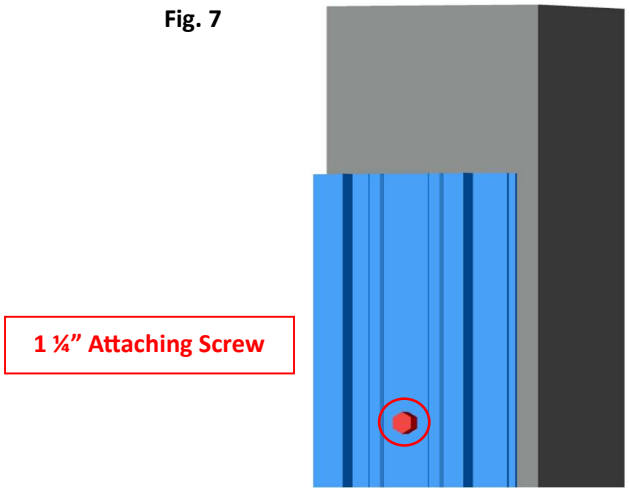



**Fig. 7**



5. Attach the Top Track Configuration to the Flex Post. Fig. 8.
    a. Slide Flex L-Bracket into the center of the Flex Stud.
    b. Make sure Top Track Configuration is level.
    c. Attach L-Bracket to the Stud using 2 – 3/4" Framing Screws
6. Create a tight fit between the Top Track Configuration and the Flex Post. Once tight, tighten the set screw. Fig. 9.
    a. To ensure the connection stays tight, run a framing screw through an open hole in the L-Bracket and into the Flex Track.
7. Make sure the Flex Post is plumb prior to connecting to other Partitions.

**Fig. 8**

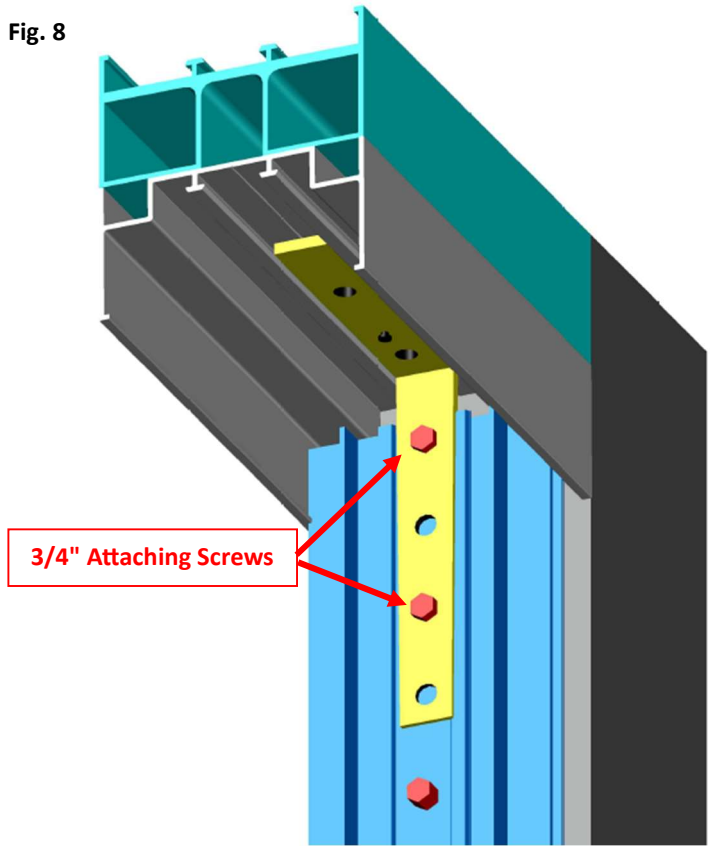
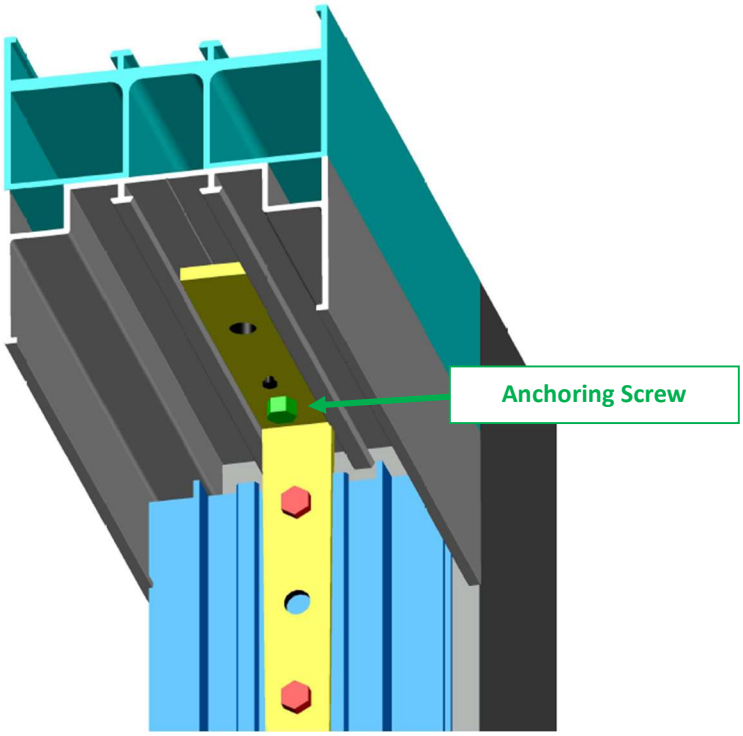



**Fig. 9**

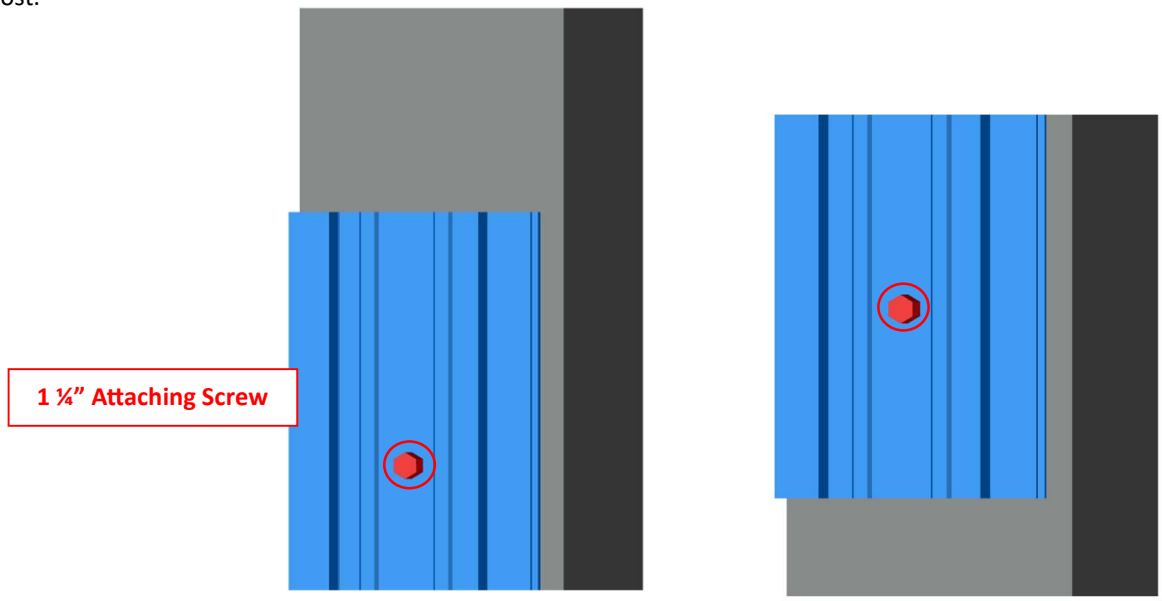


## Flex Post Installation: Non-Door Opening Locations

1. Cut Flex Post to length.
    a. Note: The length will match the overall height of the wall.
2. Determine the configuration of the Flex Post and which side of the Flex Post will be the non-door opening side(s).
3. Measure and cut the Flex Stud attaching to the Flex Post. Fig. 10.
    a. For Non-Door Openings the Flex Stud length will be:
        i. **(Length of Post) - 3”**
    b. For non-door openings the bottom of the Flex Stud will be 3/4" up from the bottom of the Post and 2 ¼” down from the top of the Post.
4. Center the Flex Stud on the Post and attach using 4 – 1 ¼” Framing Screws.
    a. Note: At the top and bottom of the Post keep the attaching screw at least 6” down from the top of the Stud and 6” up from the bottom of the stud. This will ensure the attaching screw does not interfere with the L-Bracket. Fig. 11.
    b. Use small pieces of Flex Trim when positioning the stud on the post. The edges of the trim will be flush with the edges of the post.

**Fig. 10**


**Fig. 11**



5. Repeat steps 5-7 on Page 5 for connecting the Top Track Configuration to the top of the Flex Post.
6. Plumb the Flex Post.
7. At the floor slide the Flex Track under the Flex Stud and tight to the Post. Fig. 12.
8. Attach the L-Bracket to the Post using 3/4" Framing Screws. Fig. 13.
9. Run an anchoring screw through one of the open holes in the L-Bracket and into the floor. This will help secure the Flex Post in place. Fig. 14.

**Fig. 12**

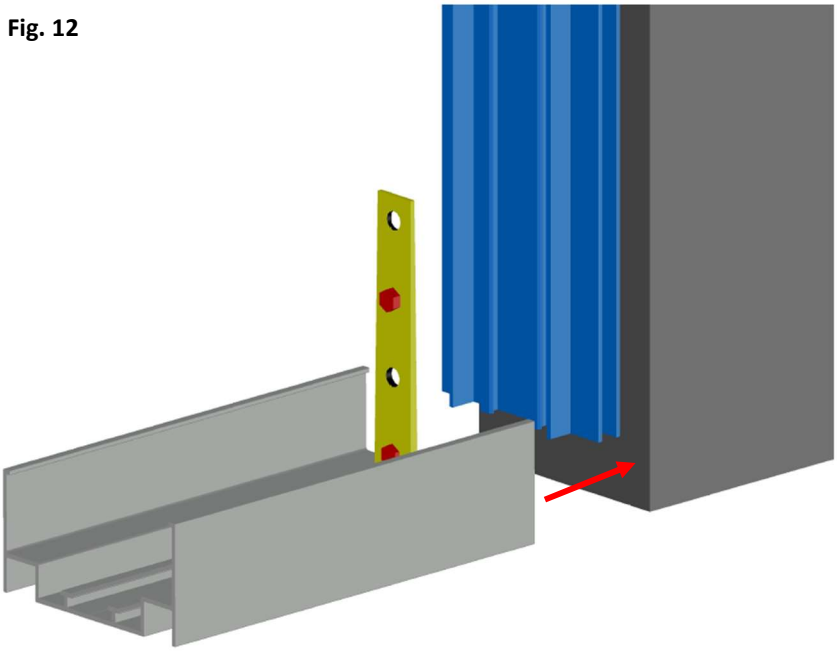


**Fig. 14**

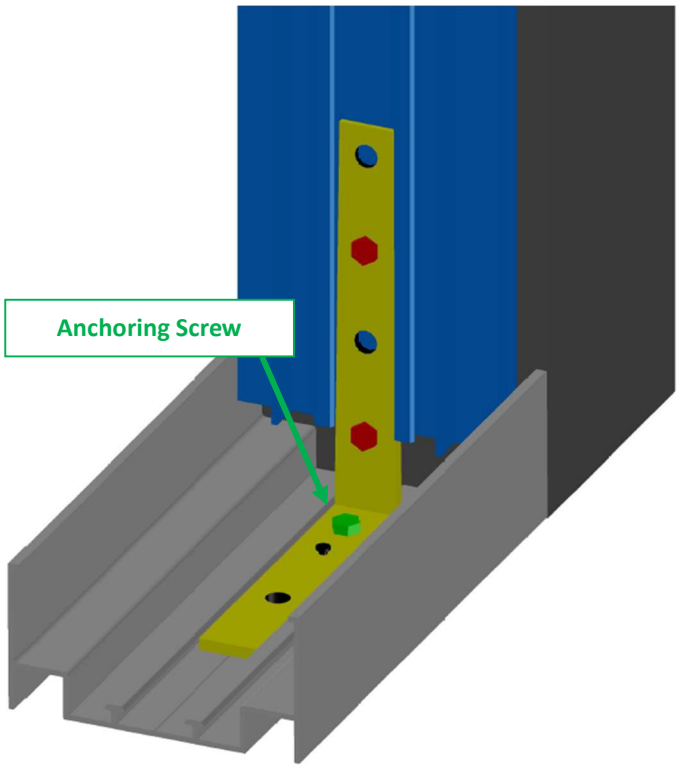
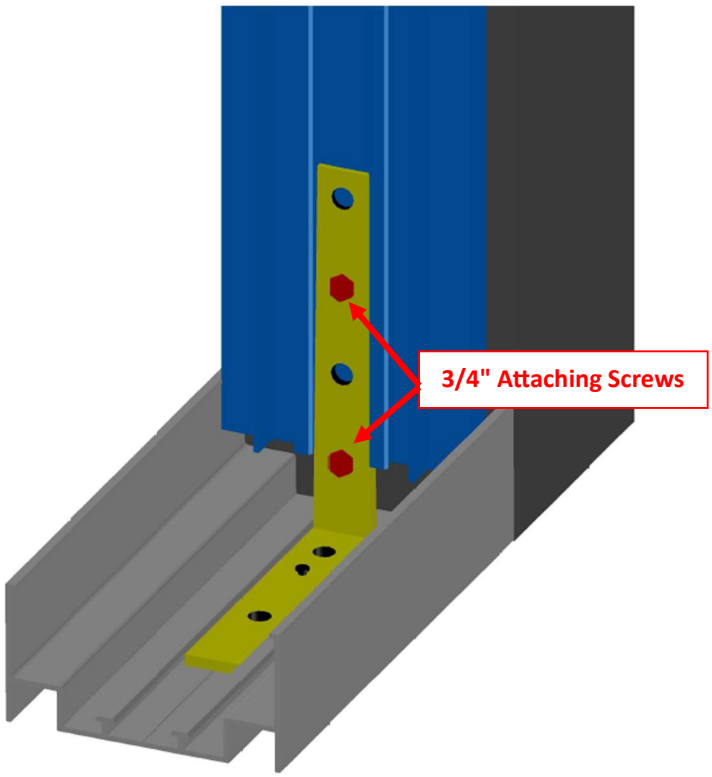



**Fig. 13**



### Flex Post Construction/Installation

- This section will cover Freestanding applications for:
    - **Full Height Sliding Doors**

### Flex Post Installation: Door Opening Locations

1. Cut Flex Post to length.
    a. Note: The length will match the overall height of the wall.
2. Determine the configuration of the Flex Post and which side of the Flex Post will be the door opening.
3. Measure and cut the Flex Stud attaching to the Flex Post.
    a. For Door Openings the Flex Stud length will be:
        i. **(Length of Post) - 3 1/8”**
    b. For door openings the bottom of the Flex Stud will be flush with the bottom of the Post and 3 1/8” down from the top of the Post. Fig 15.
4. Center the Flex Stud on the Post and attach using 4 – 1 ¼” Framing Screws.
    a. Note: At the top of the Post keep the attaching screw at least 6” down from the top of the Stud. This will ensure the attaching screw does not interfere with the L-Bracket. Fig. 16.
    b. Use small pieces of Flex Trim when positioning the stud on the post. The edges of the trim will be flush with the edges of the post.

**Fig. 15**

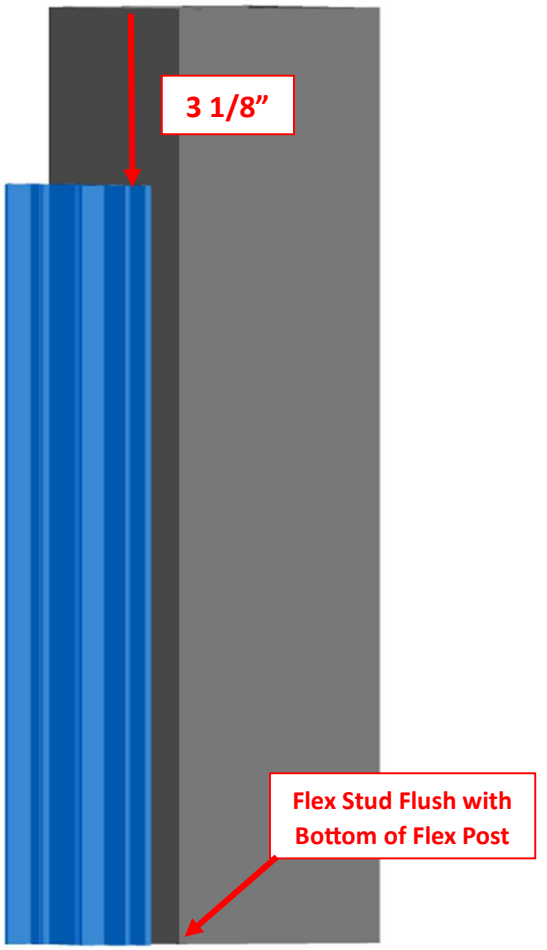
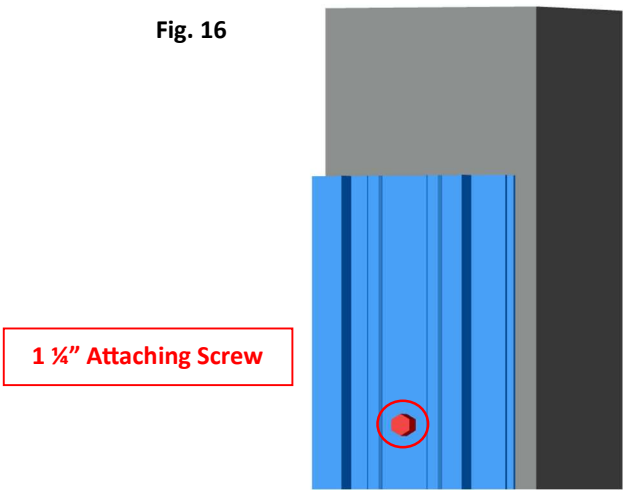



**Fig. 16**



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5. Attach the Top Track Configuration to the Flex Post. Fig. 17.
    b. Slide Flex L-Bracket into the center of the Flex Stud.
    c. Make sure Top Track Configuration is level.
    d. Attach L-Bracket to the Stud using 2 – 3/4" Framing Screws
6. Create a tight fit between the Top Track Configuration and the Flex Post. Once tight, tighten the set screw. Fig. 18.
    e. To ensure the connection stays tight, run a framing screw through an open hole in the L-Bracket and into the Flex Track.
7. Make sure the Flex Post is plumb prior to connecting to other Partitions.

**Fig. 17**

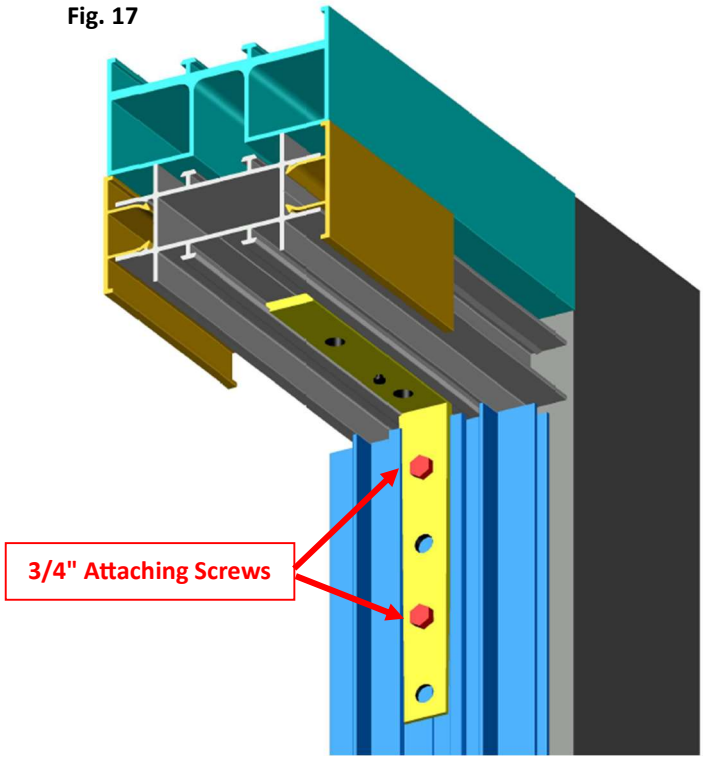
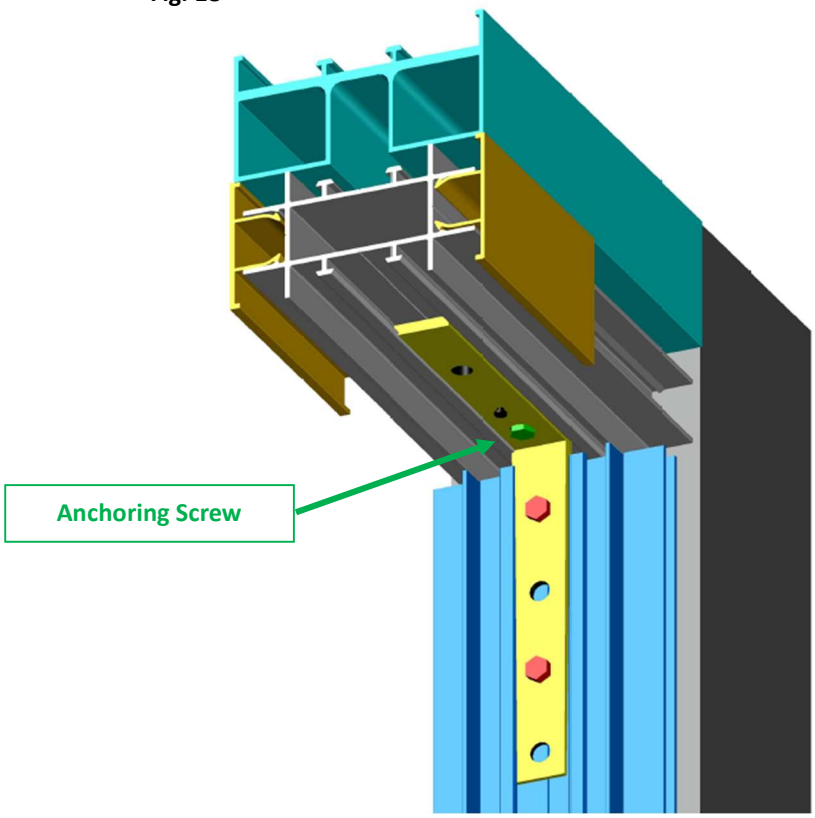



**Fig. 18**



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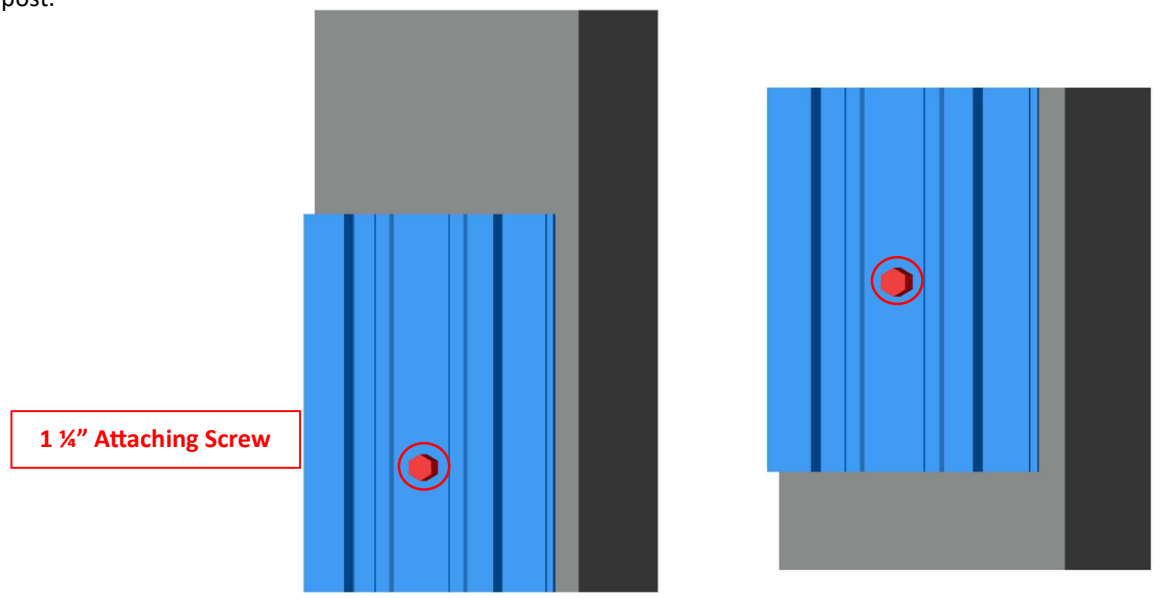
**Flex Post Installation: Non-Door Opening Locations**

1. Cut Flex Post to length.
    a. Note: The length will match the overall height of the wall.
2. Determine the configuration of the Flex Post and which side of the Flex Post will be the non-door opening side(s).
3. Measure and cut the Flex Stud attaching to the Flex Post. Fig. 19.
    a. For Non-Door Openings the Flex Stud length will be:
        i. **(Length of Post) - 4”**
    b. For non-door openings the bottom of the Flex Stud will be 3/4" up from the bottom of the Post and 3 1/8” down from the top of the Post.
4. Center the Flex Stud on the Post and attach using 4 – 1 ¼” Framing Screws.
    a. Note: At the top and bottom of the Post keep the attaching screw at least 6” down from the top of the Stud and 6” up from the bottom of the stud. This will ensure the attaching screw does not interfere with the L-Bracket. Fig. 20.
    b. Use small pieces of Flex Trim when positioning the stud on the post. The edges of the trim will be flush with the edges of the post.

**Fig. 19**


**Fig. 20**



5. Repeat steps 5-7 on Page 9 for connecting the Top Track Configuration to the top of the Flex Post.
6. Plumb the Flex Post.
7. At the floor slide the Flex Track under the Flex Stud and tight to the Post. Fig. 21.
8. Attach the L-Bracket to the Post using 3/4" Framing Screws. Fig. 22.
9. Run an anchoring screw through one of the open holes in the L-Bracket and into the floor. This will help secure the Flex Post in place. Fig. 23.

**Fig. 21**

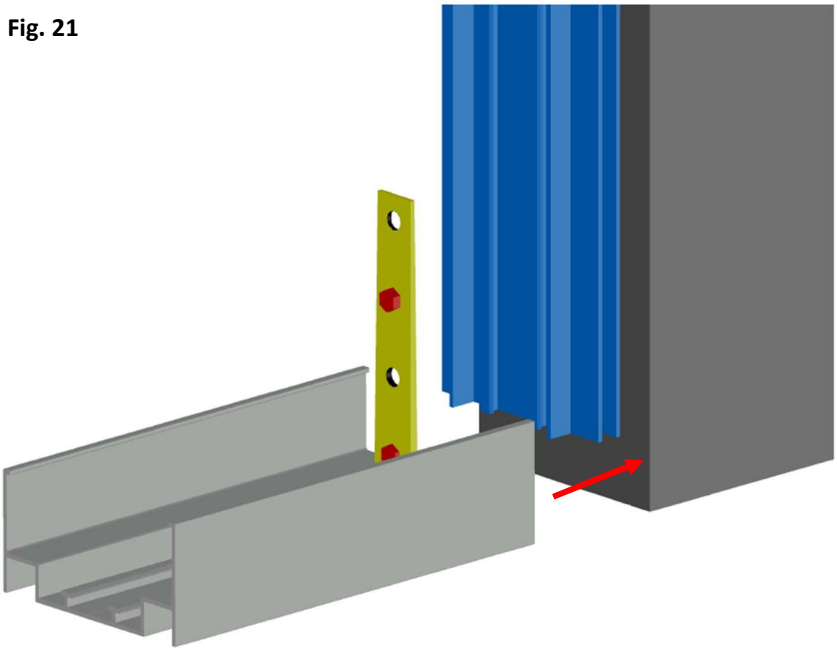


**Fig. 23**

**Fig. 22**