

# Nxtwall Installation Instruction

## Installation Scenario:

### Flex Series Basic Framing

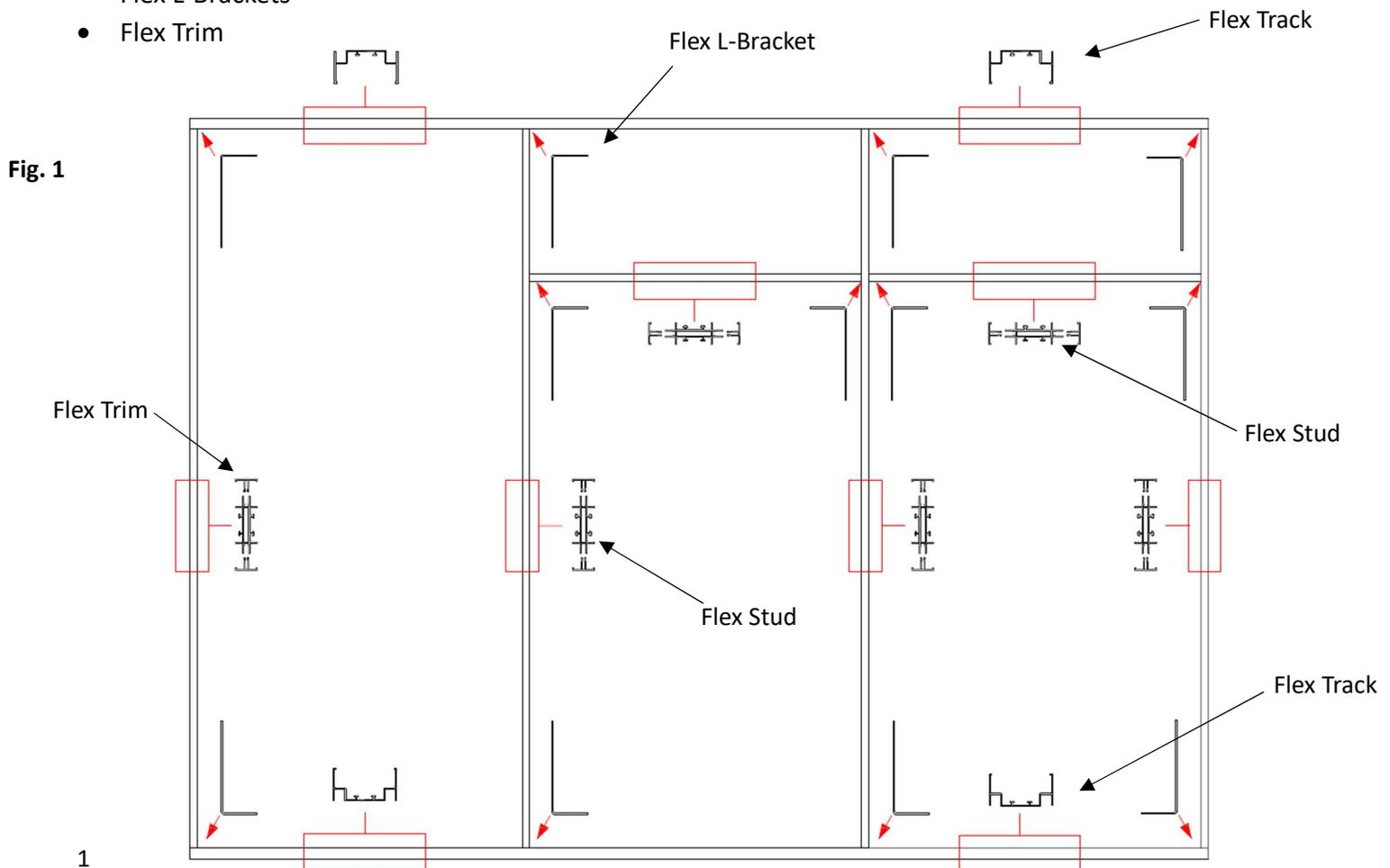
- This guide covers basic framing for the Flex Series.
- This guide shows a partition without a door opening. This guide does not cover how to frame partitions with door openings. Please reference those installation guides for more detail.

## 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 Components Covered by this Instruction:

- Flex Track
- Flex Stud
- Flex L-Brackets
- Flex Trim



# 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. Fig. 2.
  - 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. For this guide the scenario will be Flex Track installing between a Flex Post and an Existing Wall.
2. Slide Flex L-Bracket(s) into the Flex Track. Fig. 3.
  - a. Note: Install one Flex L-Bracket per vertical Flex Stud.

Fig. 2

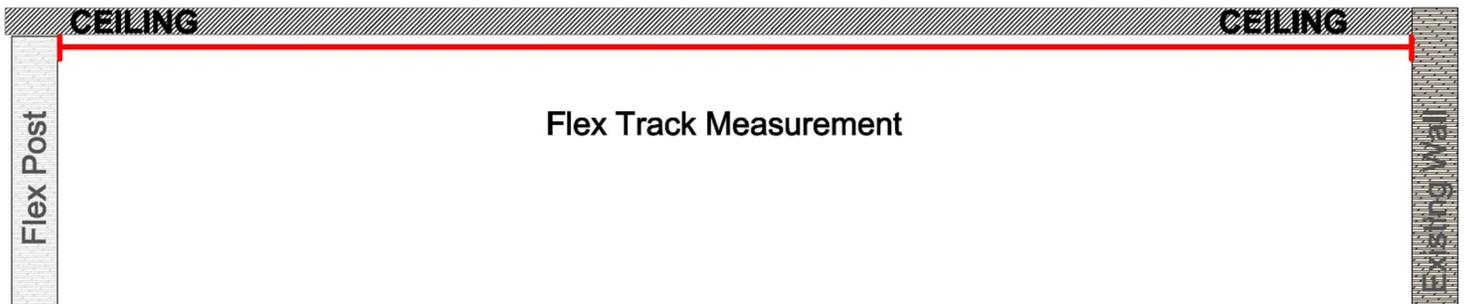
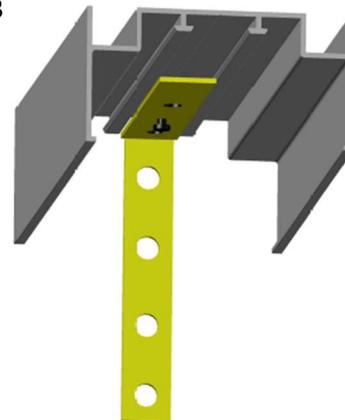


Fig. 3



**Note:** In the situation where there is a Flex Post the Flex Post location will need to be determined first. Once determined the Flex Track measurement can be taken.

The Flex Post will have a Flex Stud attached to the Post. The Flex Stud will be lower than the top of the Post which will allow the Flex Track to butt directly into the Post.

For more information on how to construct and install a Flex Post reference the Flex Series Flex Post Installation Guide.

# Nxtwall Installation Instruction

3. Attach Flex Track to the ceiling. Fig. 4.
  - a. Install attaching screws every 4'- 6'.
  - b. The attaching screw will install through the center of the Flex Track and into the ceiling.
4. Measure and cut the Flex Track for the floor. Fig. 5.
  - a. The measurement location will be the same as the Flex Track for the ceiling.

Note: For longer partitions requiring two or more lengths of Flex Track a Flex Track Joiner will be used to connect the Flex Track. Slide the Track Joiner into the center of the Flex Track, once the second piece of Flex Track is installed tighten the set screws.

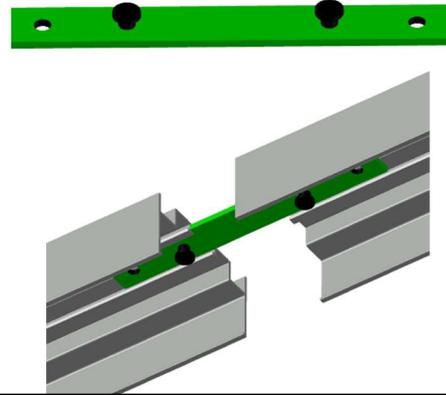


Fig. 4

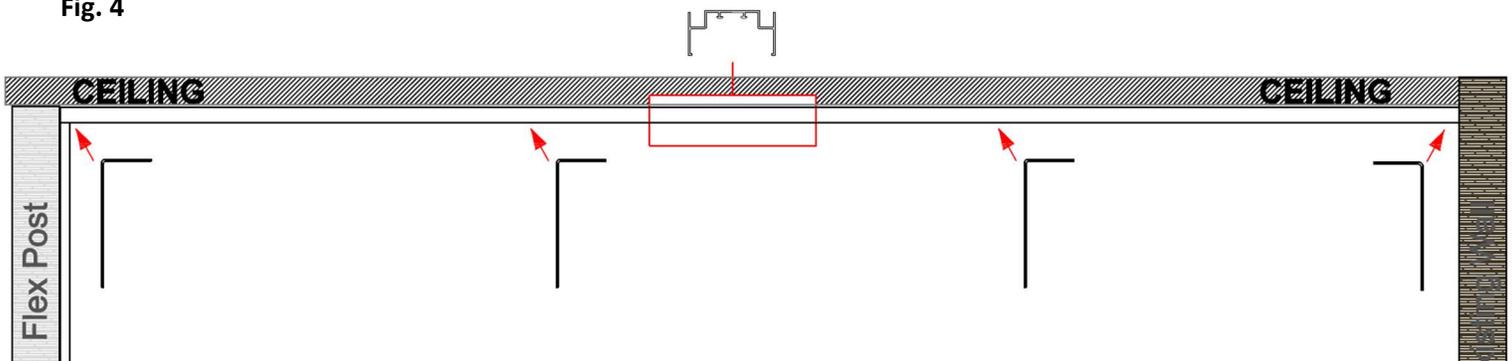
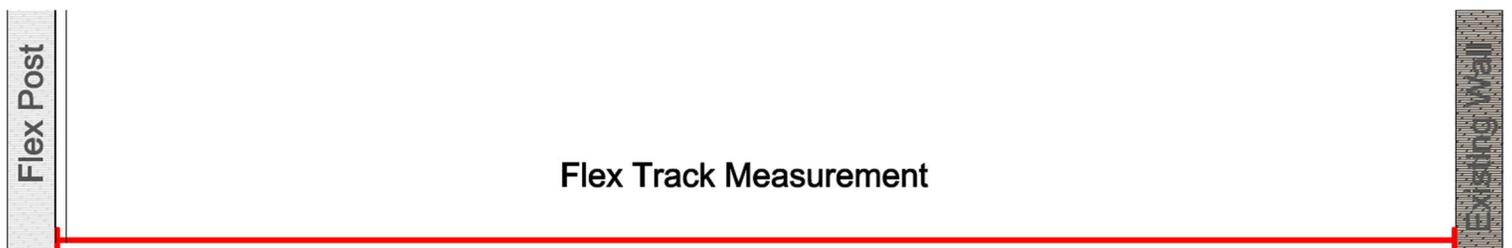


Fig. 5



# Nxtwall Installation Instruction

- Slide Flex L-Brackets into the Flex Track.

Fig. 6.

- Note: Install one Flex L-Bracket per vertical Flex Stud.
- Make sure to match the direction of the Flex L-Brackets in the ceiling Track. This will help when setting the stud spacing.

- Attach Flex Track to the floor. Fig. 7.

- Install attaching screws every 4'- 6'.
- The attaching screw will install through the center of the Flex Track and into the floor.

Fig. 6

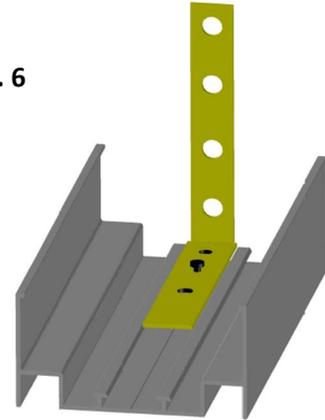
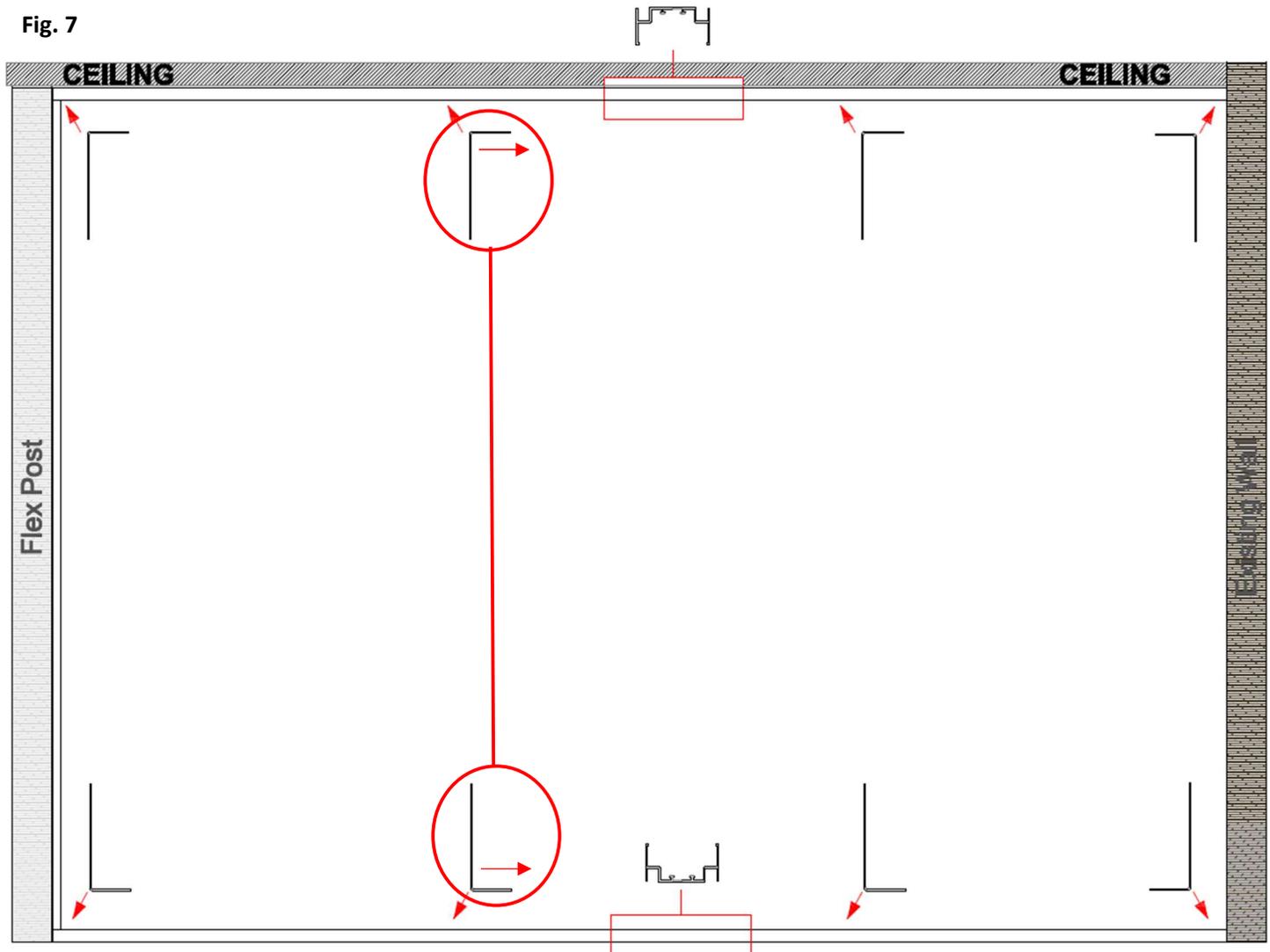


Fig. 7



# Nxtwall Installation Instruction

7. Measure for vertical Flex Studs. Fig 8.
  - a. Flex Stud Measurement:  
(Floor to Ceiling) – 1 1/2"
8. 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. 9.
  - b. If attaching to existing wall attach Flex Stud to the existing wall.
9. Slide L-Brackets in the floor and ceiling Flex Track into the Flex Studs. Attach using 2 – 3/4" Framing Screws. Fig. 10.

Fig. 8

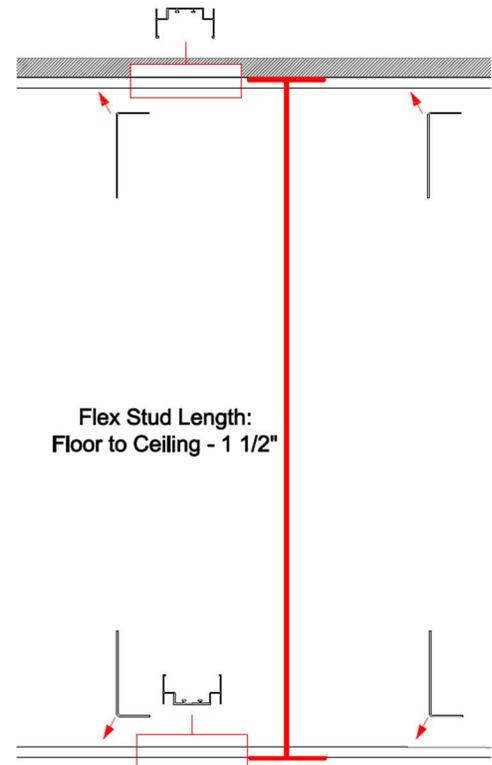


Fig. 9

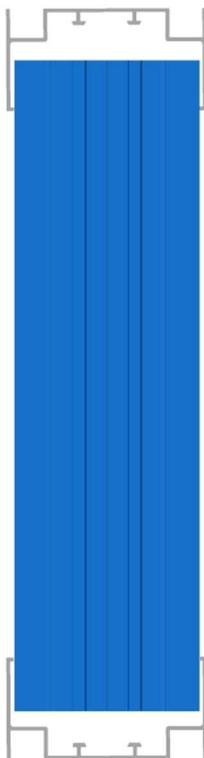
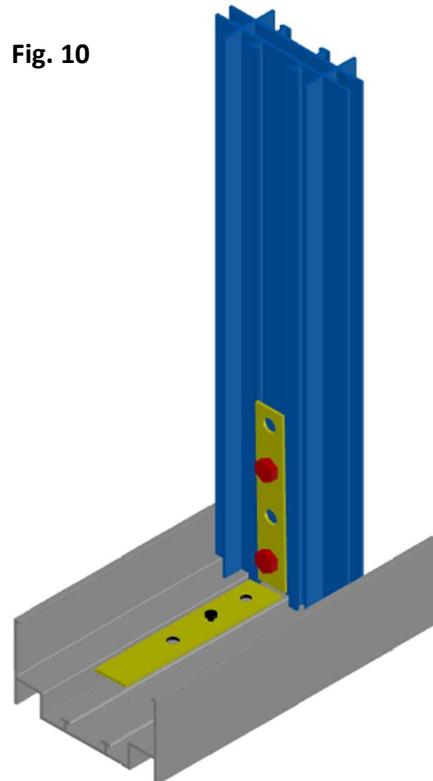
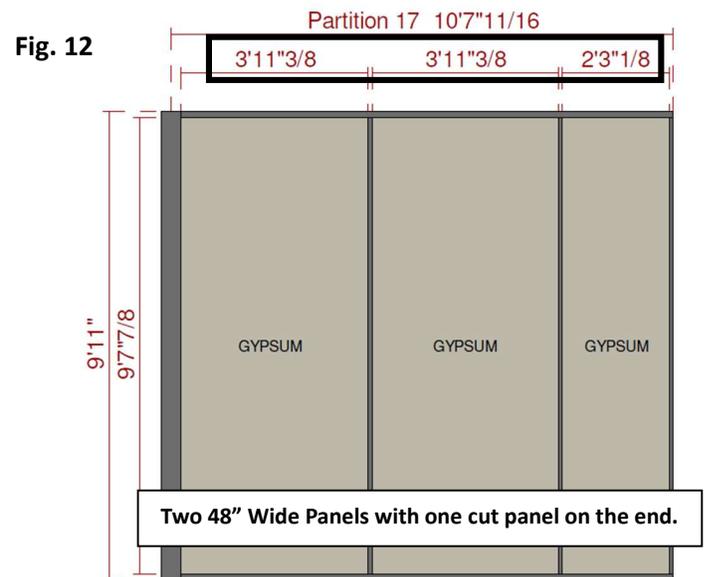
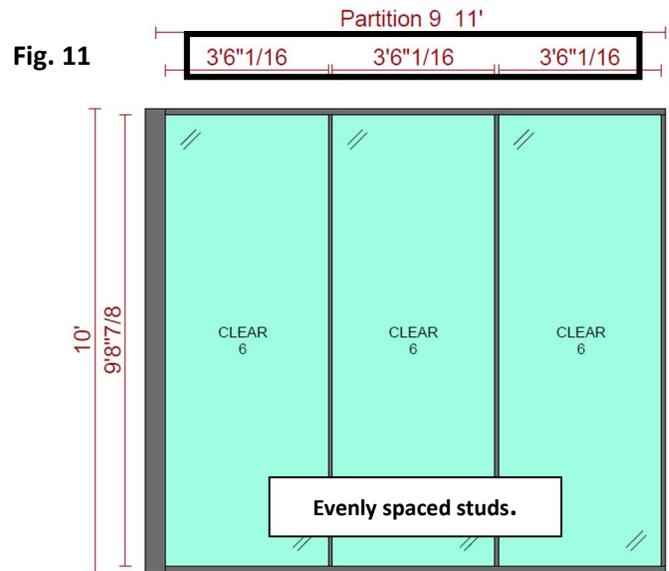


Fig. 10



# Nxtwall Installation Instruction

10. Space the Flex Studs.
11. Use the elevation drawing as a reference to determine the layout of the partition and the Flex Stud spacing. The Flex Studs can either be spaced evenly (Fig. 11) or spaced to maximize panel widths (Fig. 12). The max panel width is 48".
  - a. The dimensions on the drawing show the approximate Visual Opening between the Flex Trim. Actual spacing will be set on site.
  - b. Note: The 3' 11 3/8" width on the elevation represents a full 48" wide panel. The stud spacing can be set at 48 1/8" to fit a 48" wide panel. See Fig. 13 for measurement location.
12. Once the Flex Studs are spaced properly tighten the set screws in the L-Bracket to lock the studs in place.
13. If there are no horizontal splits on the partition the framing installation is complete. If there are horizontal splits continue to the next page.



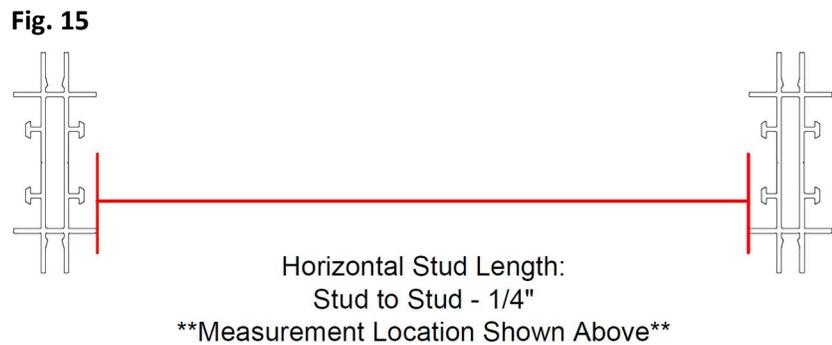
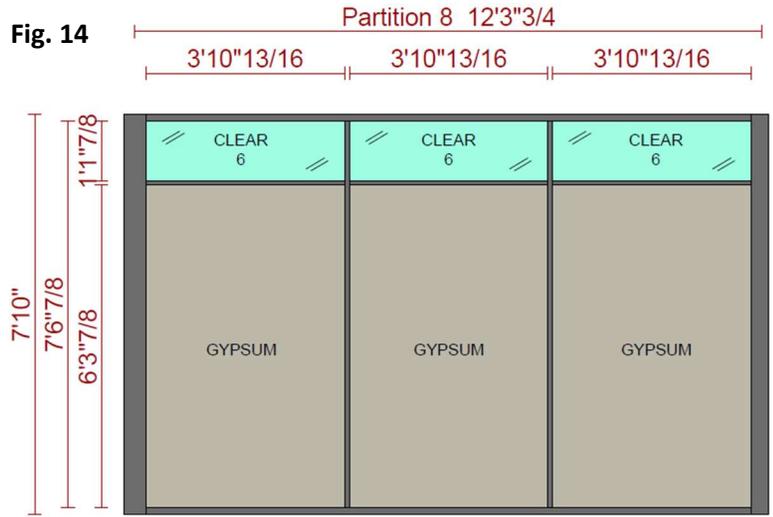
**Fig. 13**



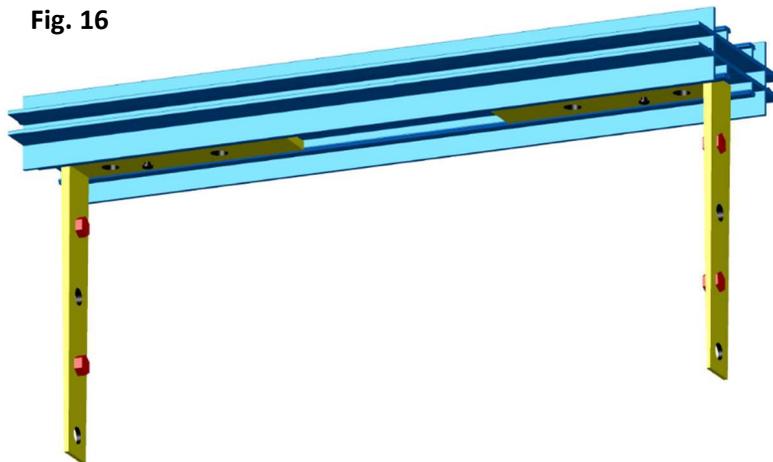
Stud Spacing for a 48" Wide Panel:  
Stud Spacing Width = 48 1/8"  
\*\*Measurement Location Shown Above\*\*

# Nxtwall Installation Instruction

14. Once the vertical studs are installed the horizontal studs can be installed. Flex Studs will be used as the horizontal studs.
15. Use the elevation drawing to determine the location and layout of the horizontal splits.
  - a. The dimensions on the drawing show the approximate height of the horizontal Flex Studs. Actual height is to be determined on site.
  - b. When setting the height take into account studs above doors, onsite factors, etc.
16. Measure for the horizontal Flex Studs.
  - a. Measurement will be Vertical Stud to Vertical Stud – 1/4" (Fig. 15)
17. Slide Flex L-Brackets into each end of the stud. Fig. 16



**Fig. 16**



# Nxtwall Installation Instruction

18. Attach one side of the horizontal Flex Stud to the Vertical Flex Stud. Fig. 17.
  - a. Slide the L-Bracket into the center of the Flex Stud. Attach using 2 – 3/4" framing screws.
19. Level the horizontal Flex Stud and attach the L-Bracket to the opposite side vertical Flex Stud. Fig. 18.
20. If there are additional horizontal Flex Studs along the partition the attaching screws coming through the vertical Flex Stud can be used as a guide to align the horizontal Flex Studs.
  - a. Slide the open holes of the L-Bracket over the attaching screws coming through the stud, Fig. 19. Make sure the horizontal Flex Studs are aligned.
  - b. Attach the L-Bracket to the Flex Stud through the open holes of the L-Bracket using 2 – 3/4" attaching screws.
  - c. Level the Flex Stud and repeat the attaching process. Fig. 20.

Fig. 17

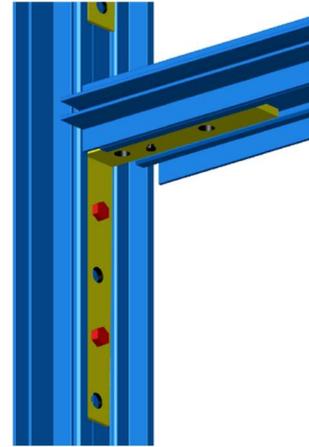


Fig. 18

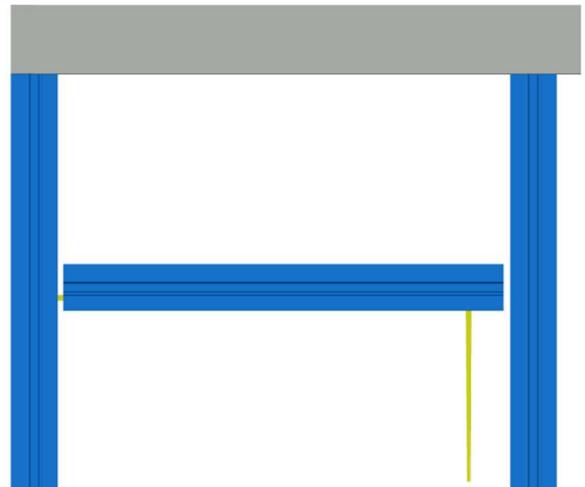


Fig. 19

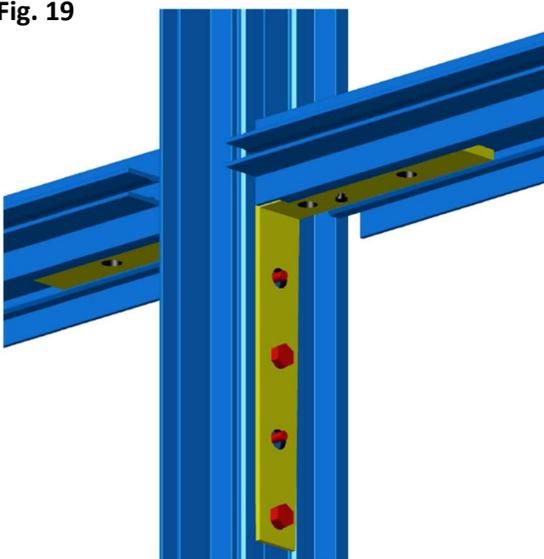
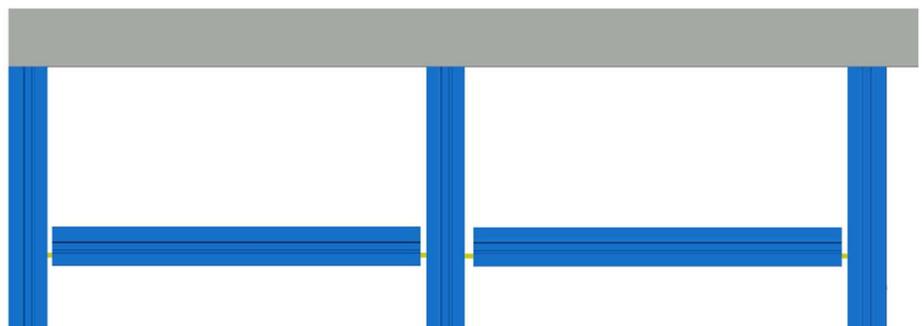


Fig. 20



# Nxtwall Installation Instruction



Phone: (269) 488-2752

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## 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.