

# Nxtwall Installation Instruction

## Installation Scenario:

### View Series Basic Framing

- This guide covers basic framing for the View Series. This guide also includes how to install the glass.
- 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.

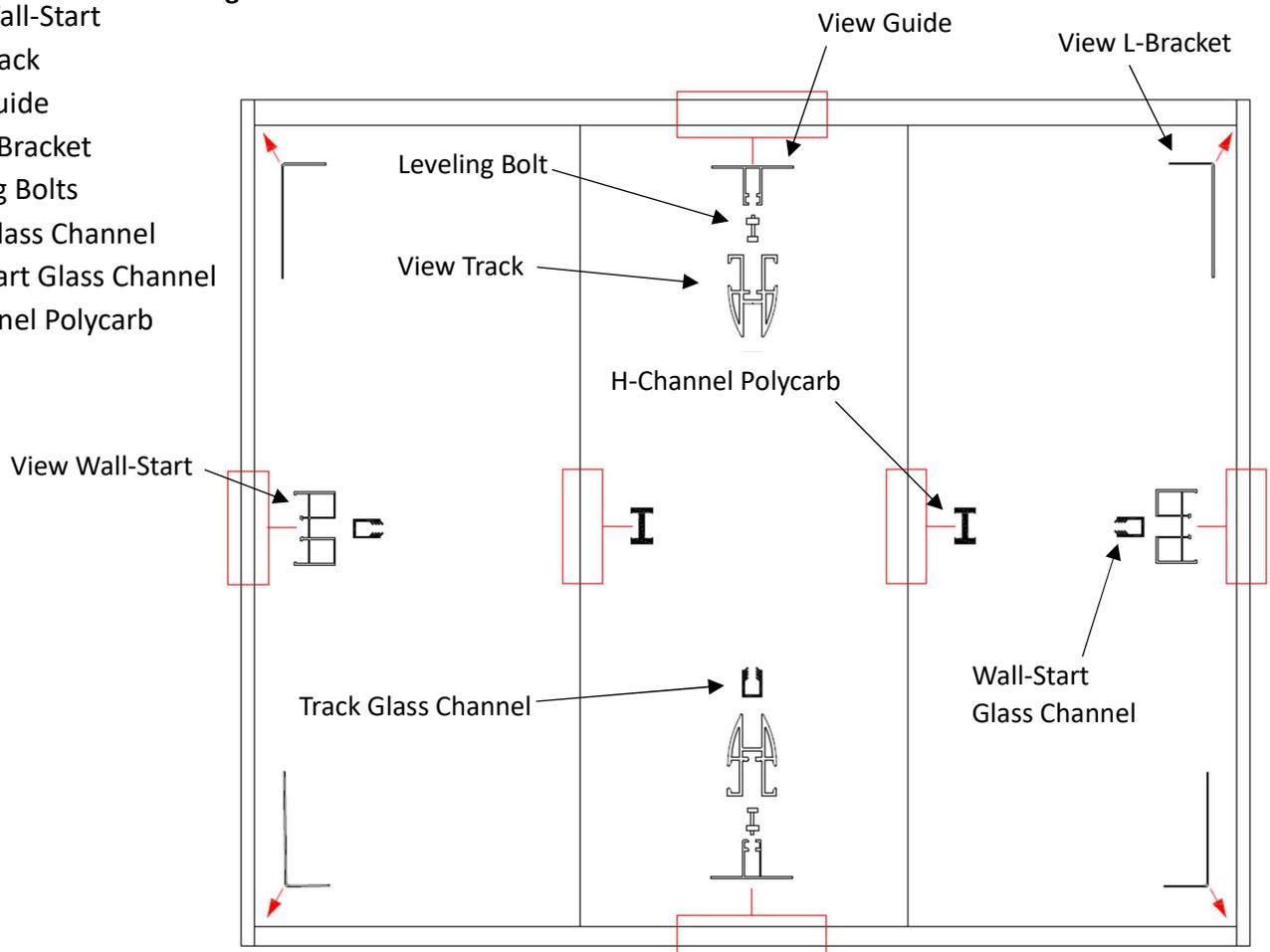
## Recommended Installation Tools:

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

## Nxtwall Components Covered by this Instruction:

- View Wall-Start
- View Track
- View Guide
- View L-Bracket
- Leveling Bolts
- Track Glass Channel
- Wall-Start Glass Channel
- H-Channel Polycarb

Fig. 1



# 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 for vertical View Wall-Start on each side of the side of the Partition.
  - a. Measurement is from Floor to Ceiling. Fig. 2.
2. Determine the orientation of the Wall-Starts. Fig 3.
  - a. On Non-Door Opening Partitions the "Glass Side" of the Wall-Start will be facing the center of the opening.

Fig. 2

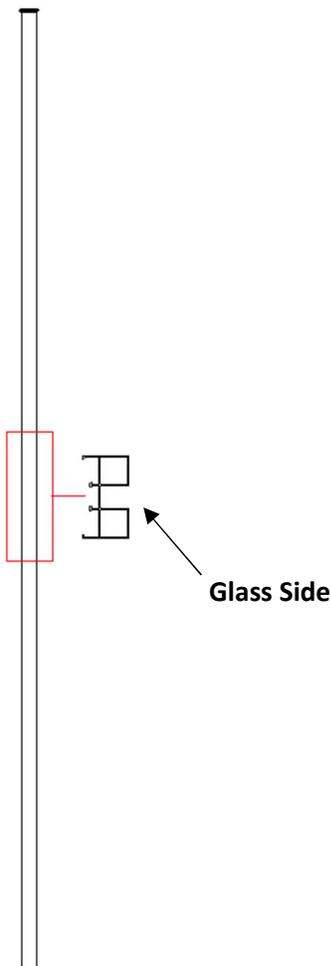
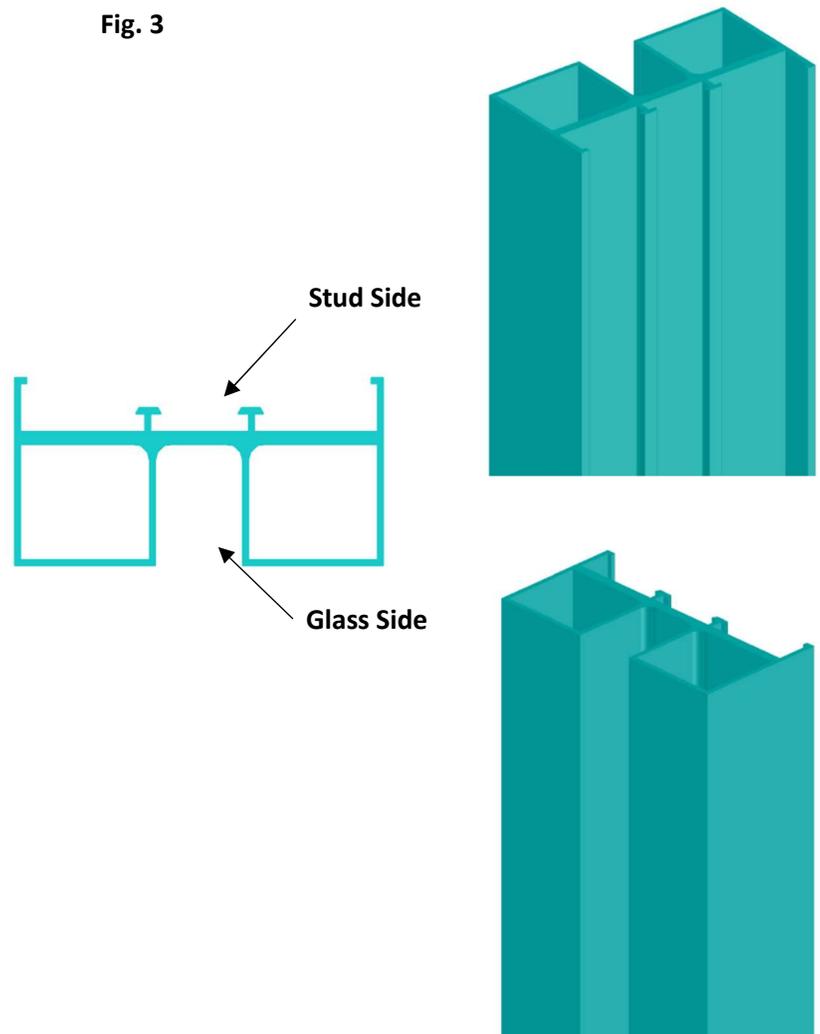
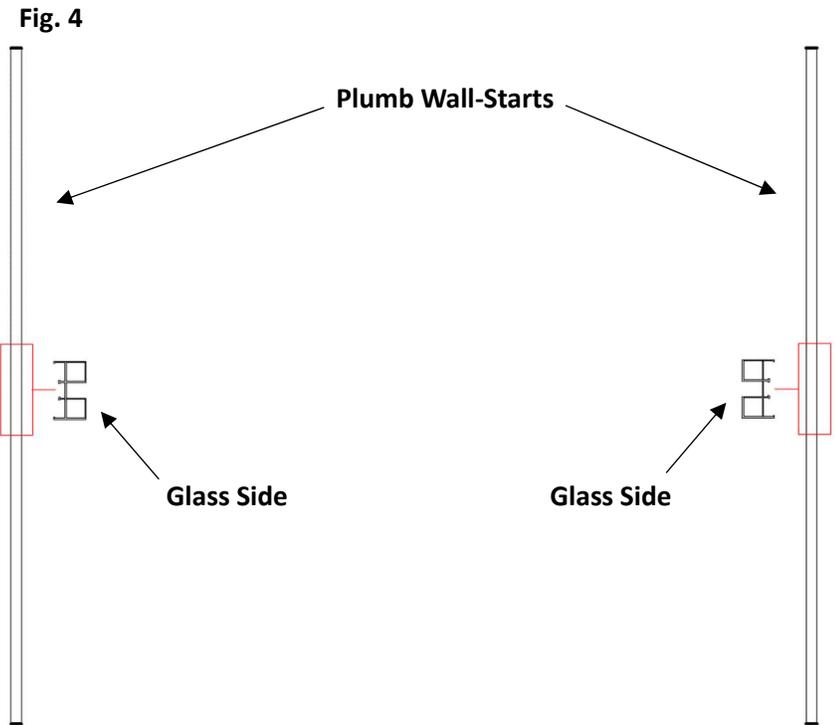


Fig. 3

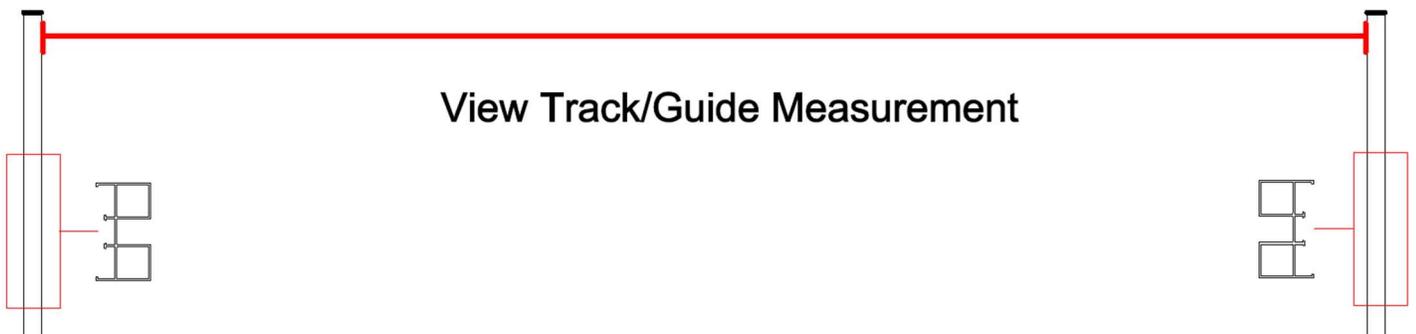


# Nxtwall Installation Instruction

3. Attach the Wall-Start to the existing wall on each side of the opening.
  - a. Make sure the Wall-Start is plumb.
  - b. If the partition is coming off a Flex Post attach the Wall-Start to the Flex Post. Reference "View Series Flex Post Installation" for more information.
4. Measure for View Track and View Guide attaching to the ceiling.
  - a. Measurement will be from Wall-Start to Wall-Start. Fig. 5.
  - b. Note: The View Track and Guide are wrapped together for packaging. For partitions only requiring one length of View Track and Guide the Track and Guide can be cut together.



**Fig. 5**



# Nxtwall Installation Instruction

5. Separate the View Guide from the View Track. Fig. 6.

- a. The View Guide will be attached to the ceiling first.

6. Prep View Guide for installation.

- a. Depending on the external attaching screw being used the View Guide may need to be prepped to allow the attaching screw to fit inside of the View Guide.
- b. If needed, a step bit can be used to create a hole large enough to fit a nut driver. Fig. 7.
- c. As an alternative attaching method the attaching screw can be ran through the center and tight to the View Guide. See Fig. 8.

Fig. 6

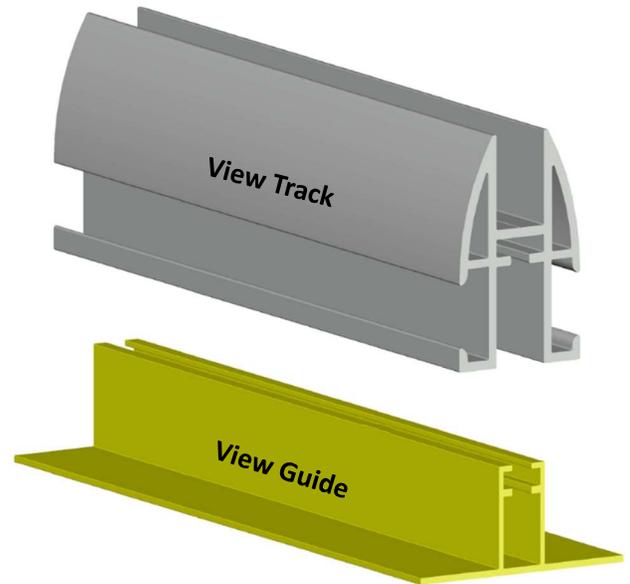


Fig. 7

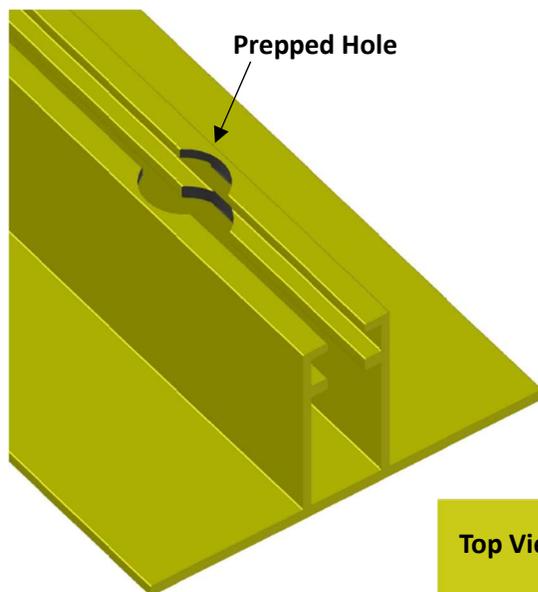
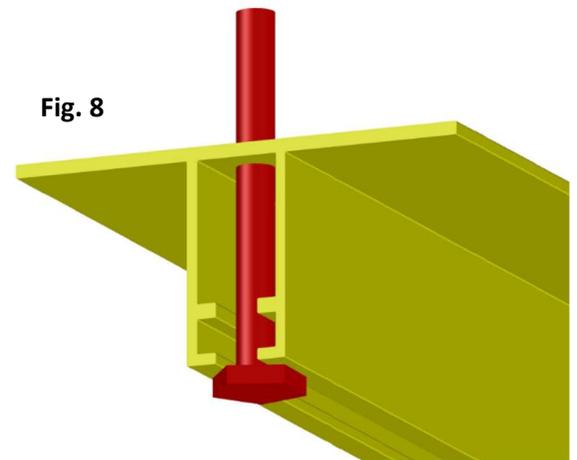


Fig. 8



Top View



# Nxtwall Installation Instruction

7. Prior to attaching the View Guide slide Leveling Bolts into the View Guide. Fig 9.
  - a. The Leveling Bolts will need to be installed every 3'-4'.
  - b. Include a Leveling Bolt on each end of the View Guide, these will be used for the View L-Brackets.
8. Slide View L-Brackets into each end of the View Guide. Fig. 10.
9. See Fig. 11 for Leveling Bolt and L-Bracket placement.

Fig. 9

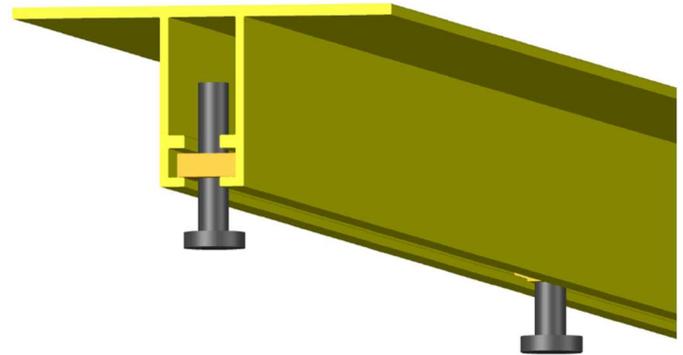


Fig. 10

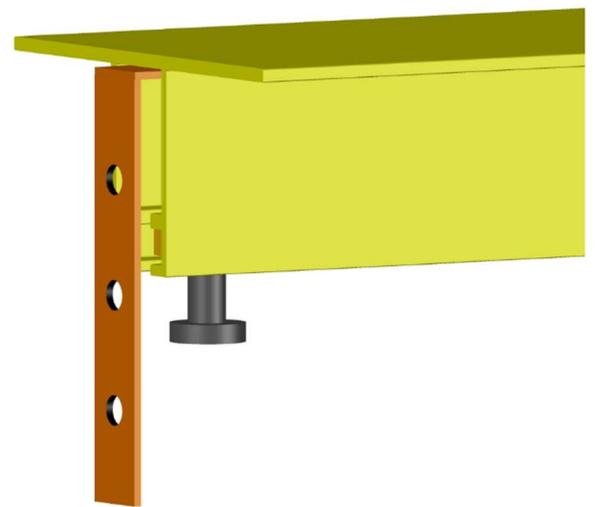
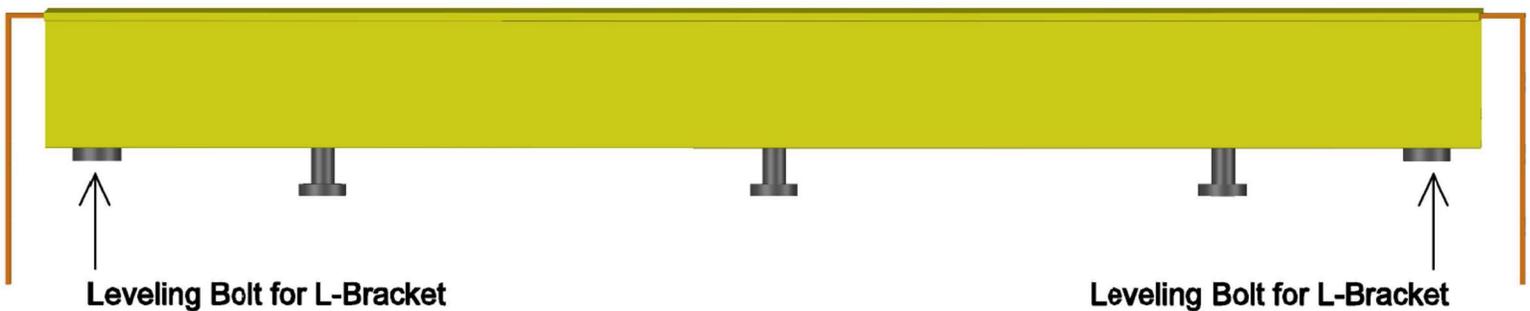


Fig. 11



# Nxtwall Installation Instruction

10. Place the View Guide against the ceiling.  
Make sure the edge of the View Guide is flush with the edge of the Wall-Start.

Fig. 12.

11. Attach the View Guide to the ceiling. Fig. 13.

- a. Reference Step 6 for attaching screw locations.
- b. Use attaching screws every 4'-6'.

12. At the View L-Bracket locations press the L-Bracket tight to the Wall-Start. Tighten the additional Leveling Bolt to press the L-Bracket tight to the inside of the View Guide. Once tight, use the supplied 5/8" attaching screw to attach the L-Bracket to the Wall-Start. Fig. 14.

Fig. 12

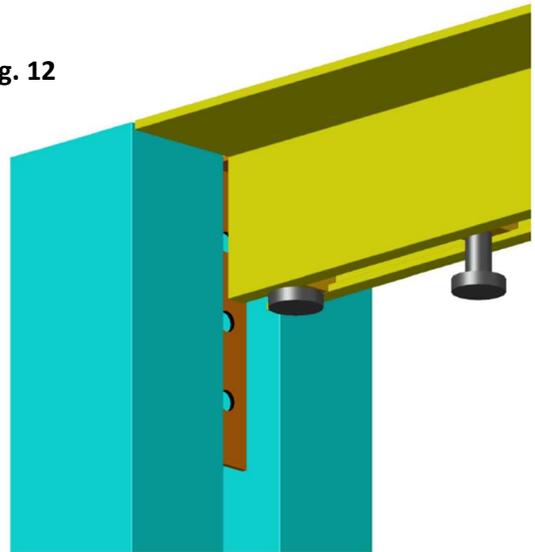


Fig. 14

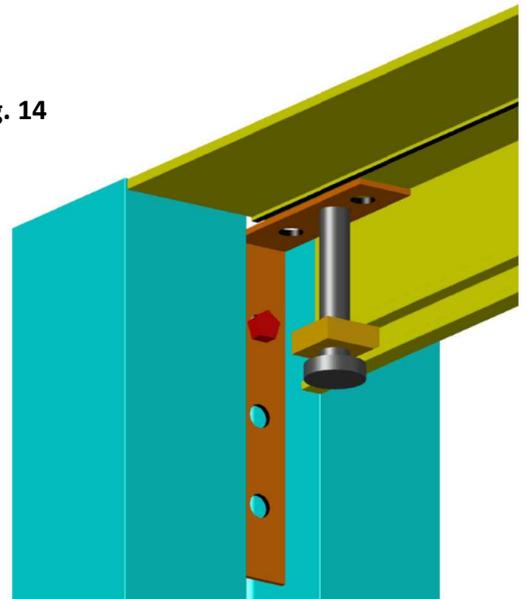


Fig. 13



# Nxtwall Installation Instruction

13. **Important Step:** Adjust the Leveling Bolts in the View Guide. The Leveling Bolts must be level across the opening.
- The purpose of the Leveling Bolts is to level the View Track. This is important to ensure the opening for the glass is square.
  - When the View Track is installed there must be a minimum 3/8" Air Gap between the View Track and View Guide (Fig. 15).
    - To achieve this, set the first leveling bolt at 3/8" to the top of the bolt on one side of the opening. (Fig. 16).
    - Adjust the remaining Leveling Bolts to be level with the initial Leveling Bolt.
  - Set up a laser level to properly adjust the Leveling Bolts. If a laser is not available a normal level can be used. Fig. 17.

**\*\*Leveling Bolts allow up to 7/8" adjustment. This helps with uneven floors or ceilings\*\***

Fig. 15

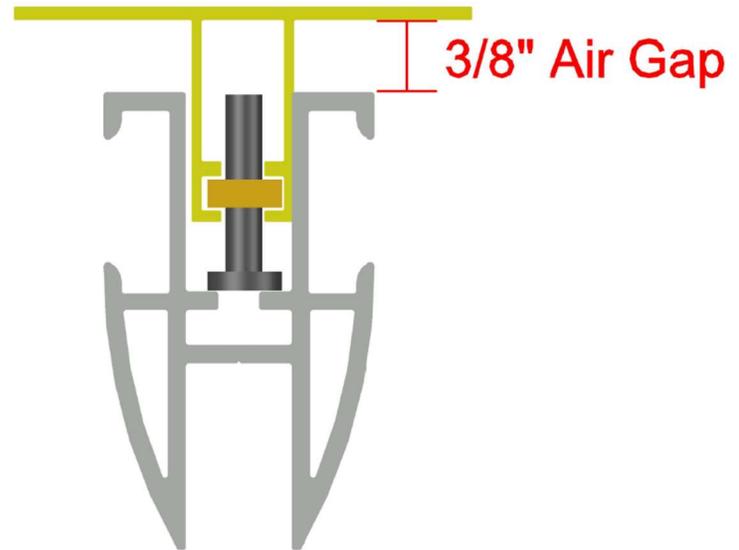


Fig. 16

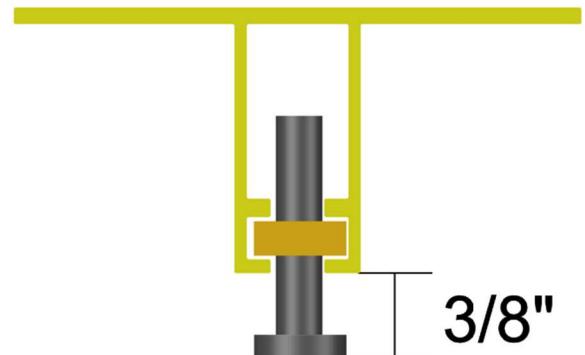


Fig. 17



Leveling Bolts Level Across Opening

# Nxtwall Installation Instruction

14. Prep the View Track for installation.
  - a. Pre-drill 1/4" holes approximately every 3'-4' through the center of the View Track. Fig. 18.
15. Attach View Track to View Guide using the 4" attaching screws. Fig. 19.
  - a. When attaching the View Track run the screws to tighten the View Track to the Leveling Bolts. Do not overtighten.
16. Ensure the View Track is level.

Fig. 18

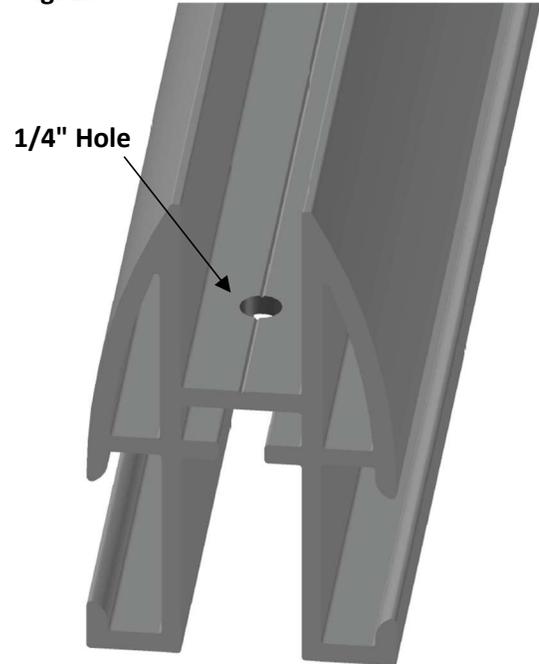
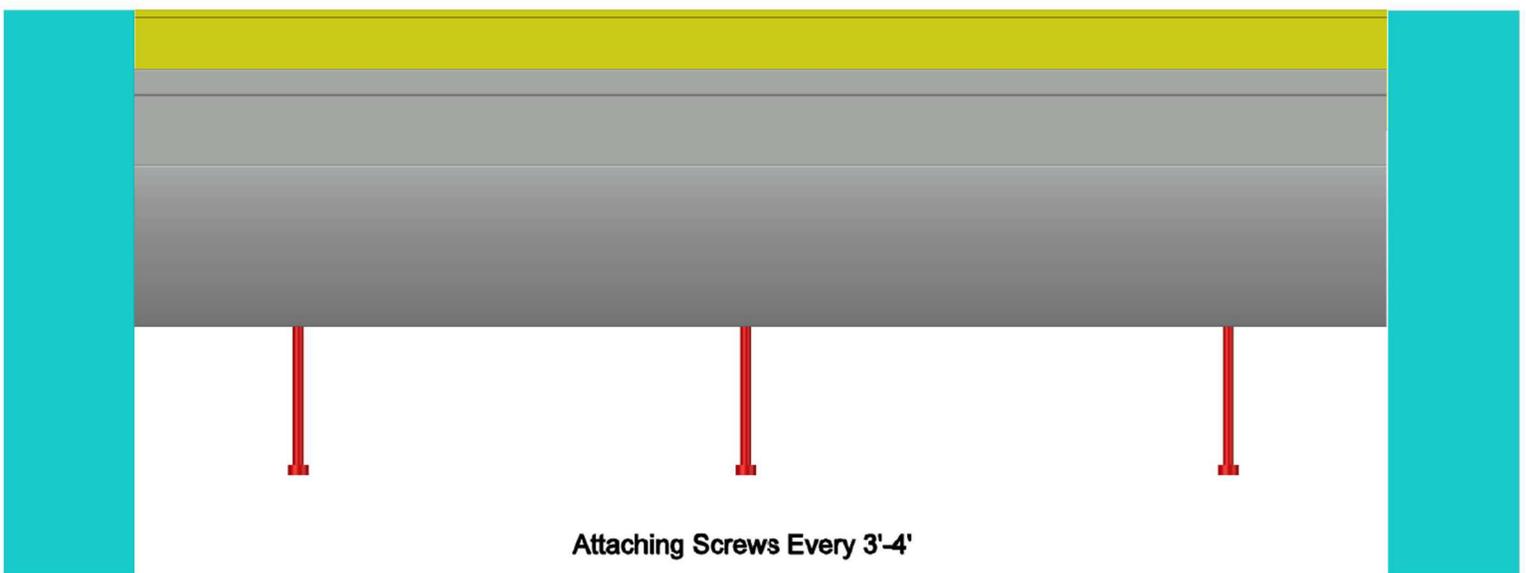


Fig. 19



# Nxtwall Installation Instruction

17. Measure for the View Track and Guide attaching to the floor. Fig. 20.

- a. The measurement will be from the Wall-Start to Wall-Start.
- b. Same as the View Track/Guide at the ceiling the View Track/Guide can be cut to the same length for the floor.

18. Cut the View Track and Guide.

19. Separate the View Guide from the View Track.

- a. The View Guide will be attached to the floor first.

20. Slide Leveling Bolts into the View Guide. Fig. 21.

- a. The Leveling Bolts will need to be installed every 3'-4'.
- b. Include a Leveling Bolt on each end of the View Guide, this will be used for the View L-Brackets.

21. Slide View L-Brackets (2) into each end of the View Guide. Fig. 22.

Fig. 21

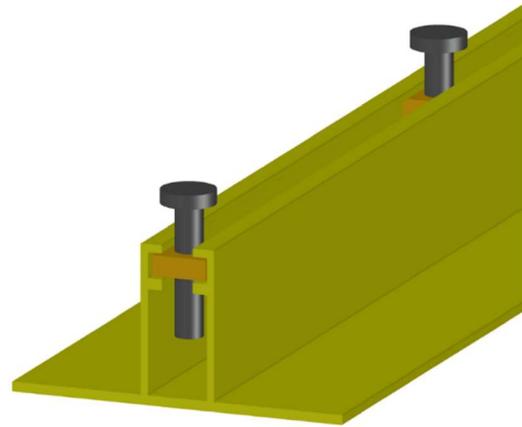


Fig. 22

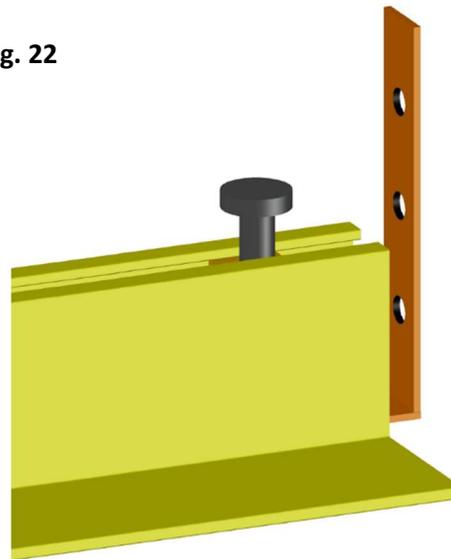
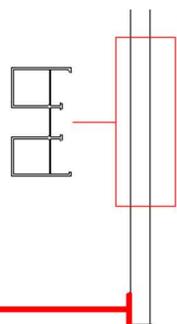
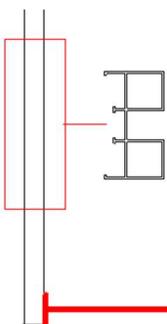


Fig. 20



View Track/Guide Measurement

# Nxtwall Installation Instruction

22. Depending on the anchoring screw being used the View Guide may need to be prepped to allow the anchoring screw to fit. Reference page 4 for prepping the View Guide.

23. Place View Guide on the floor. Make sure the edge of the View Guide is flush with the edge of the View Wall-Start. Fig. 23.

24. Attach the View Guide to the floor. Fig. 24.

25. At the View L-Bracket locations press the L-Bracket tight to the inside of the Wall-Start. Tighten the additional Leveling Bolt to press the L-Bracket tight to the inside of the View Guide. Once tight, use the supplied 5/8" attaching screw to attach the L-Bracket to the Wall-Start. Fig. 25.

Fig. 24

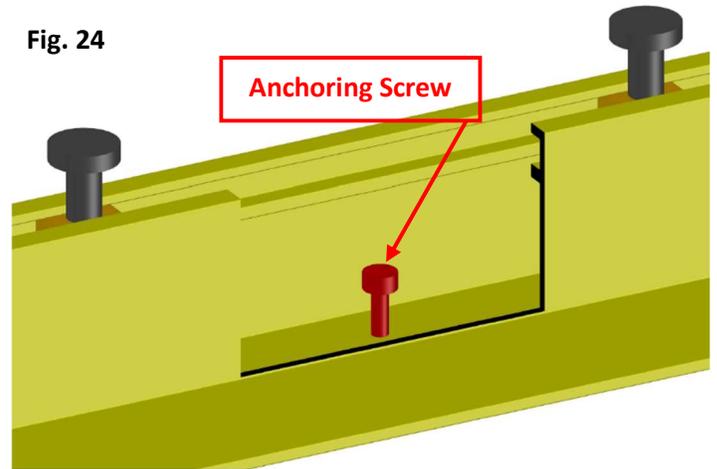


Fig. 25

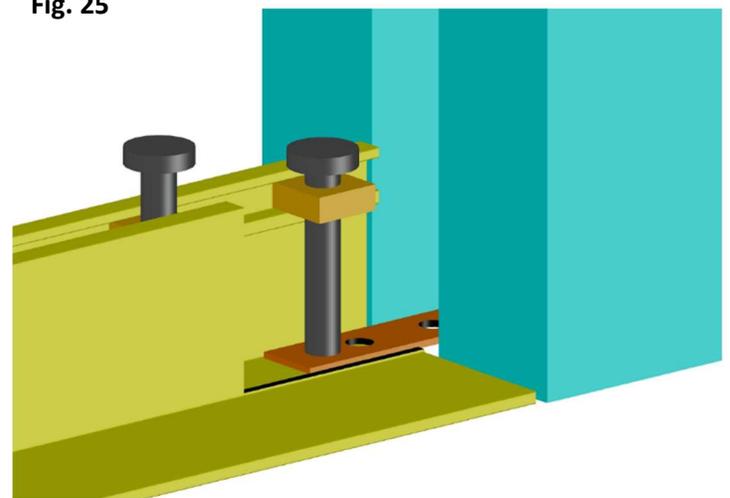
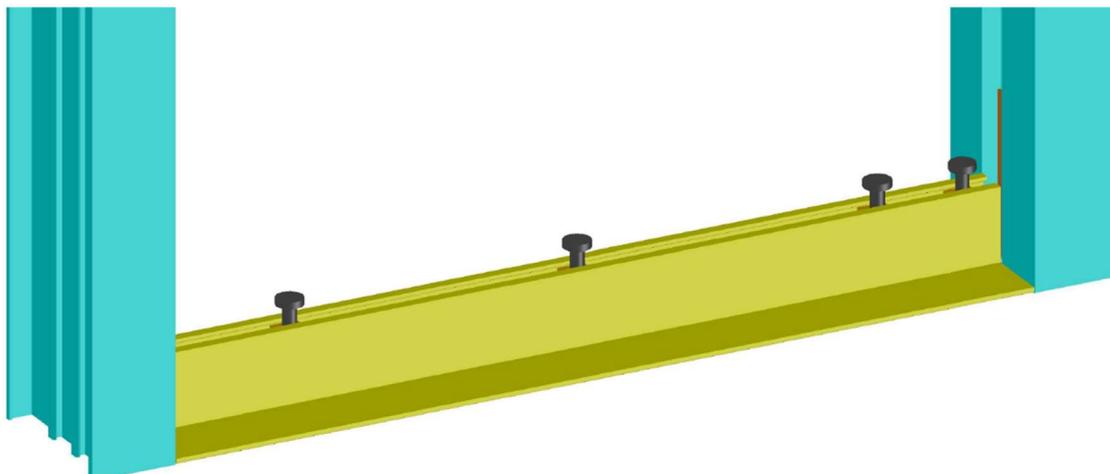


Fig. 23



26. **Important Step:** Same as the ceiling adjust the Leveling Bolts in the View Guide. The Leveling Bolts must be level across the opening. Fig. 26.

- a. The purpose of the Leveling Bolts is to level the View Track. This is important to ensure the opening for the glass is square.
- b. When the View Track is installed there must be a minimum 3/8" Air Gap between the View Track and View Guide.
- c. Set up a laser level to properly adjust the Leveling Bolts. If a laser is not available a normal level can be used.

27. Place the View Track onto the Leveling Bolts/View Guide. Fig. 27.

- a. The View Track is not attached to the View Guide. The View Track will rest on the Leveling Bolts.

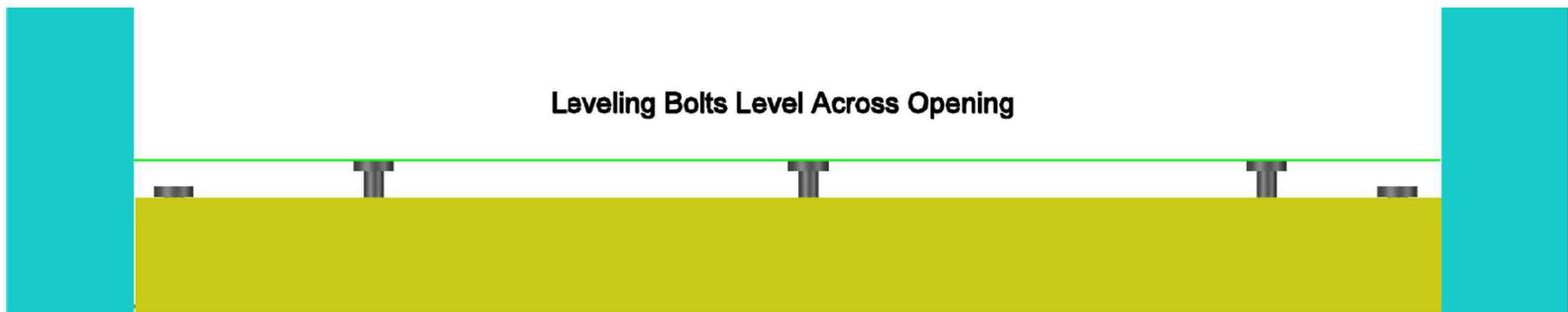
28. Ensure the View Track is level.

Fig. 27



Fig. 26

Leveling Bolts Level Across Opening



## Splicing View Track and View Guide

On longer partitions requiring multiple lengths of View Track and Guide the View Track and Guide will need to be spliced together.

The View Track and Guide can be cut together but the splices MUST be offset between the View Track and View Guide when attached to the floor and the ceiling. Fig. 28.

Prep the View Track and View Guide the same as the methods shown in the previous pages.

- A “View Guide Joiner” will be used to connect each piece of View Guide. The Guide Joiner will come with two Leveling Bolts and will slide into the View Guide. Once the pieces come together tighten the Leveling Bolts to hold the View Guide in place. Fig. 29.
- Place Leveling Bolts in the View Guide at the location where each piece of View Track will come together. This will help keep the View Track flush with each other when brought together. Fig. 30.
- The View Track will butt together, there is not a joiner plate for the View Track.

Fig. 28

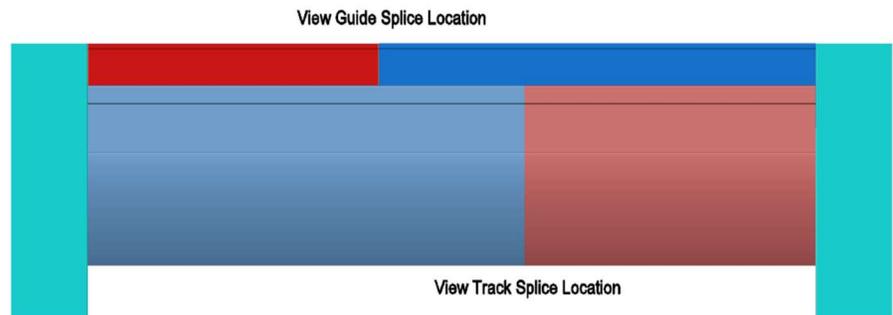


Fig. 29

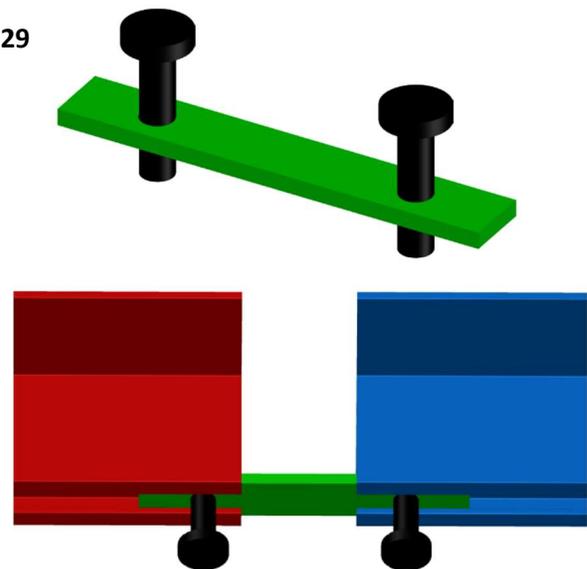
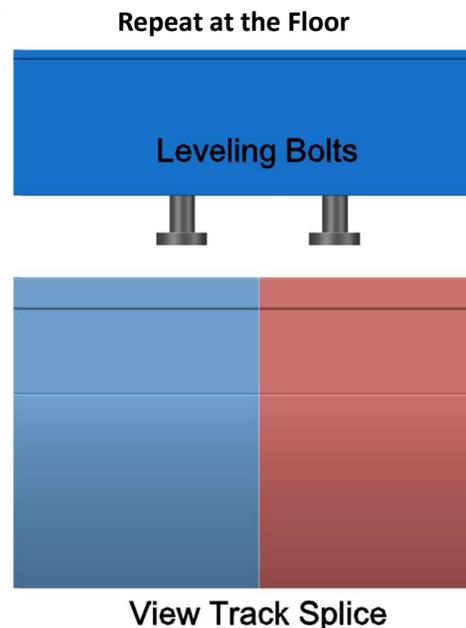


Fig. 30



# Nxtwall Installation Instruction

## Glass Channel Installation

There are two different profiles of Glass Channel.

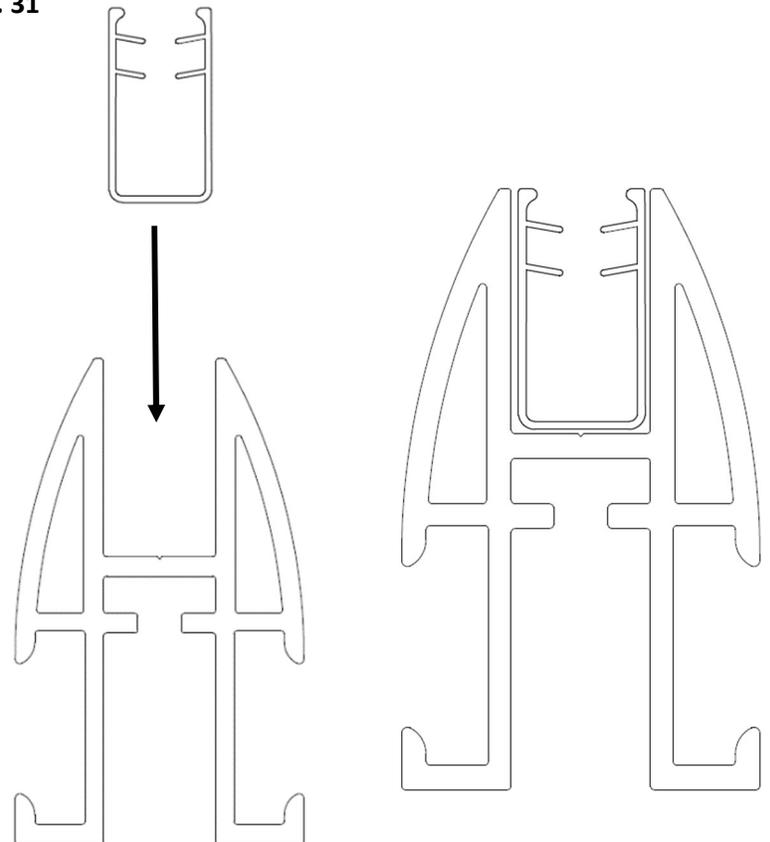
- View Track Glass Channel (Fig. 31).
- View Wall-Start Glass Channel (Fig. 32).
  - o To differentiate the two different profiles "WALL-START" is printed on the side of the Wall-Start Glass Channel.

The Glass Channel is the gasket installed into the framing for the glass.

The Glass Channel has double sided tape that will stick to the inside of the framing.

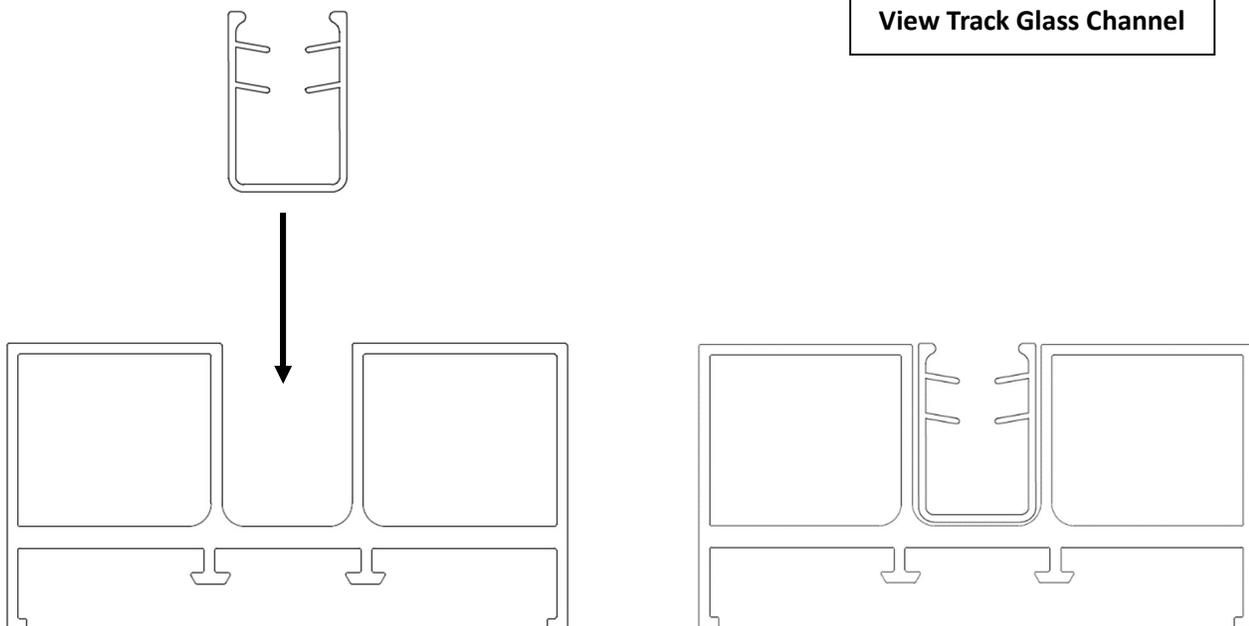
The Glass Channel can be inserted once the framing has been completed.

Fig. 31



View Track Glass Channel

Fig. 32



View Wall-Start Glass Channel

# Nxtwall Installation Instruction

## Glass Channel Installation: View Track

1. To measure for the Glass Channel for the View Track attached to ceiling measure from the Wall-Start to Wall-Start and add  $1\frac{3}{4}$ ". Fig. 33.
  - a. Each end of the Glass Channel will be inside the Wall-Start.
2. Prior to installing the Glass Channel mark the attaching screw locations. Once determined notch out the screw locations on the Glass Channel. Fig. 34.
  - a. Notching out the screw locations will allow the Glass Channel to sit flat inside the View Track.
  - b. The notches can be made using a utility knife, the notches will need to be large enough to allow the screw head to come through. These notches will not be seen once the glass is installed.
3. Remove the backing tape from the Glass Channel and insert it into the View Track in the proper location. Fig. 35.
  - a. Use long object to press the Glass Channel tight to the inside of the View Track. This will adhere the backing tape to the inside of the View Track.

Fig. 33



Fig. 34

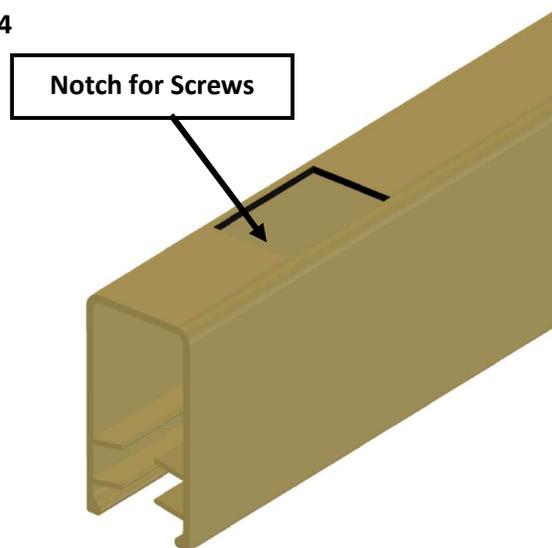
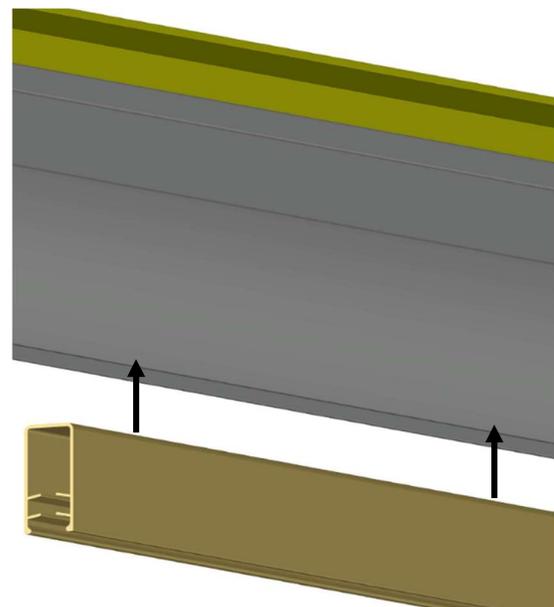


Fig. 35



# Nxtwall Installation Instruction

4. To measure for the Glass Channel for the View Track at the floor measure from the Wall-Start to Wall-Start and add  $1\frac{3}{4}$ ". Fig. 36.
  - a. Each end of the Glass Channel will be inside the Wall-Starts.
5. Remove the backing tape from the Glass Channel and insert it into the View Track in the proper location. Fig. 37.
  - a. Use a long object to press the Glass Channel tight to the inside of the View Track. This will adhere the backing tape to the inside of the View Track.
6. View Track Glass Channel installation complete.

Fig. 36

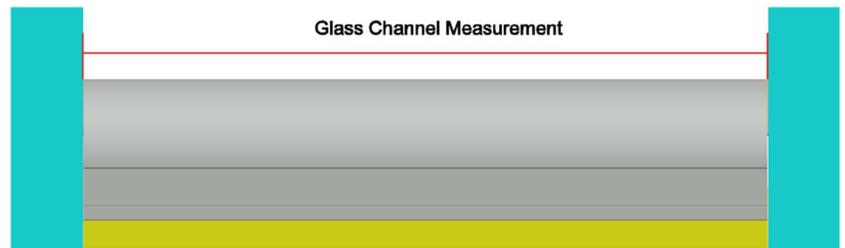
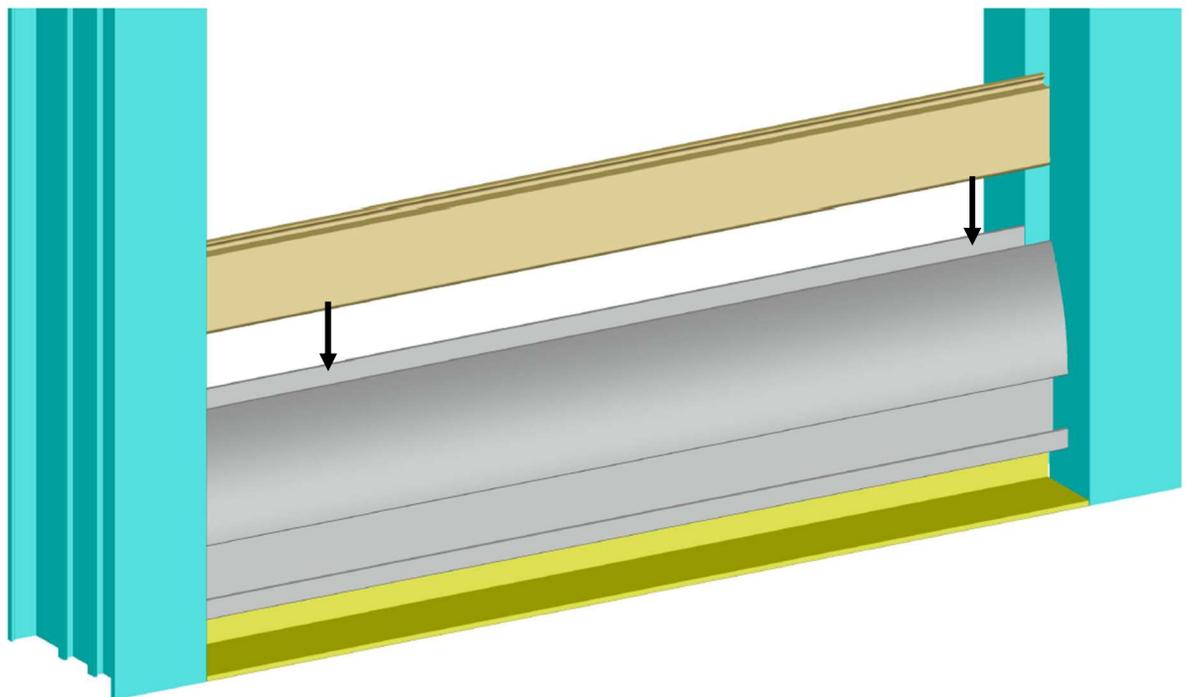


Fig. 37



# Nxtwall Installation Instruction

## Glass Channel Installation: View Wall-Start

**\*\*SEE NOTE REGARDING SINGLE SIDELIGHTS\*\***

7. To measure for the Glass Channel for the Wall-Start measure from the View Track at the ceiling down to the View Track at the floor. This will be an exact measurement. Fig. 38.
  - a. Make sure to use the Glass Channel with "Wall-Start" printed on the side.
8. Same as the Track Glass Channel at the ceiling mark the attaching screw locations. Once determined notch out the screw locations on the Glass Channel.
  - a. Notching out the screw locations will allow the Glass Channel to sit flat inside the Wall-Start.
  - b. The notches can be made using a utility knife, the notches will need to be large enough to allow the screw head to come through. These notches will not be seen once the glass is installed.
9. Remove the backing tape from the Glass Channel and insert it into the Wall-Start in the proper location. Fig. 39.
  - a. Use a long object to press the Glass Channel tight to the inside of the Wall-Start. This will adhere the backing tape to the inside of the View Track.
10. Repeat this process for the opposite side of the opening.
11. Wall-Start Glass Channel installation complete.

Fig. 38

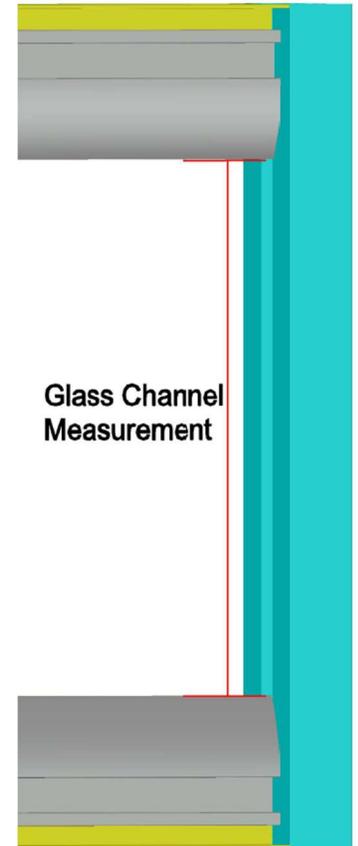
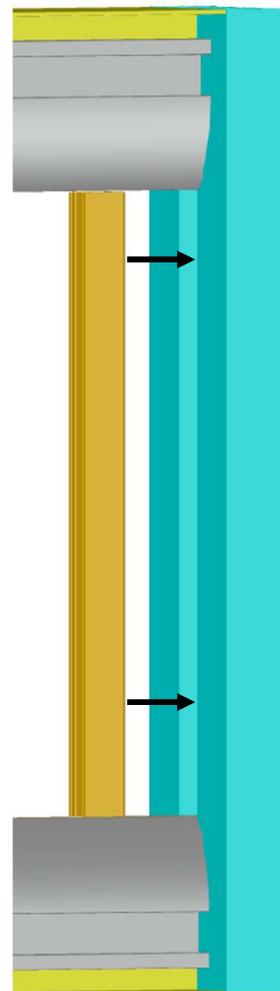


Fig. 39



**\*\*SINGLE SIDELIGHTS\*\***

If you have a Single Sidelight, meaning a single piece of glass between two Wall-Starts, the Glass Channel will be used differently for the Wall-Starts. Reference the "Single Sidelight Installation Guide" for more information.

## Glass Shim Installation

12. With the Glass Channel in place the shims for the glass panels can be installed.
  - a. The shims are 1/2" W x 3/4" H. Fig. 40.
  - b. Use two shims per pane of glass. The shims need to be on each corner of the glass.
  - c. The shims will only be installed in the View Track on the Floor.
  - d. The shims can be cut in half if needed.
13. To install the shims press the shims into the Glass Channel/View Track. Fig. 41.
  - a. Before installing the glass space the shims to ensure the shims are on each corner of the glass.

Fig. 40

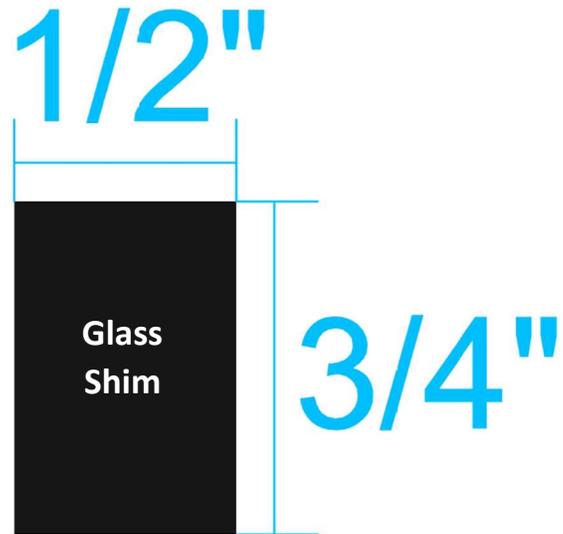
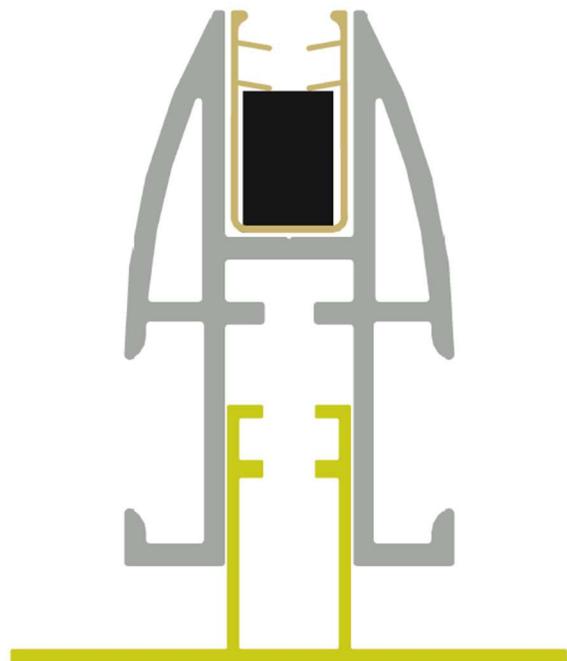
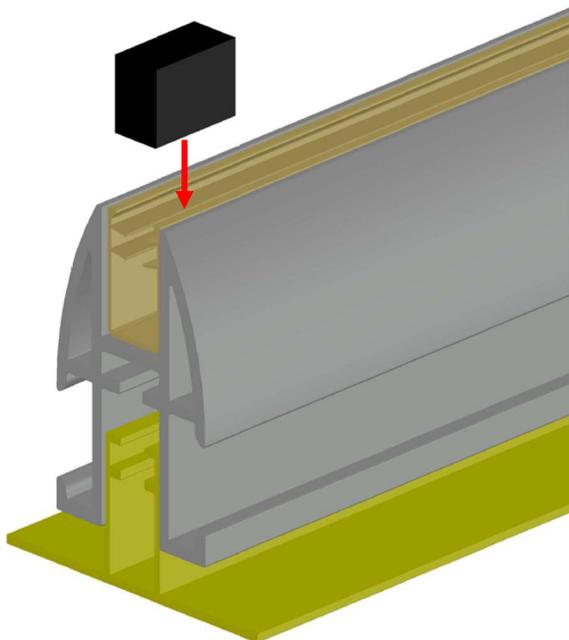


Fig. 41



# Nxtwall Installation Instruction

## Glass and Polycarbonate Installation

Measure for the glass using the View Series Glass Measuring Guide.

- a. There are multiple situations when measuring for glass. Make sure to measure for the correct situation for the specific project.

Once the glass has been received below are the steps for installation.

Note: If there is a Single Sidelight situation, meaning one piece of glass between two Wall-Starts, reference the "View Series Single Sidelight" installation Guide.

1. Start with the pane of Glass installing into a Wall-Start. Stage the glass near the framing at the floor. Fig.42.
  - a. Prior to installing the glass lubricate the Glass Channel with a glass cleaner in the section where the pane of glass is being installed. This will help with the installation of the glass into the Glass Channel.
2. To install the glass, lift the glass into the ceiling track. Fig. 42.
3. Once the bottom of the glass has cleared the track at the floor swing the glass over the floor track and rest the glass onto the shims. Fig.43.
  - a. If measured correctly the top of the glass will be inside the ceiling track.

Fig. 42

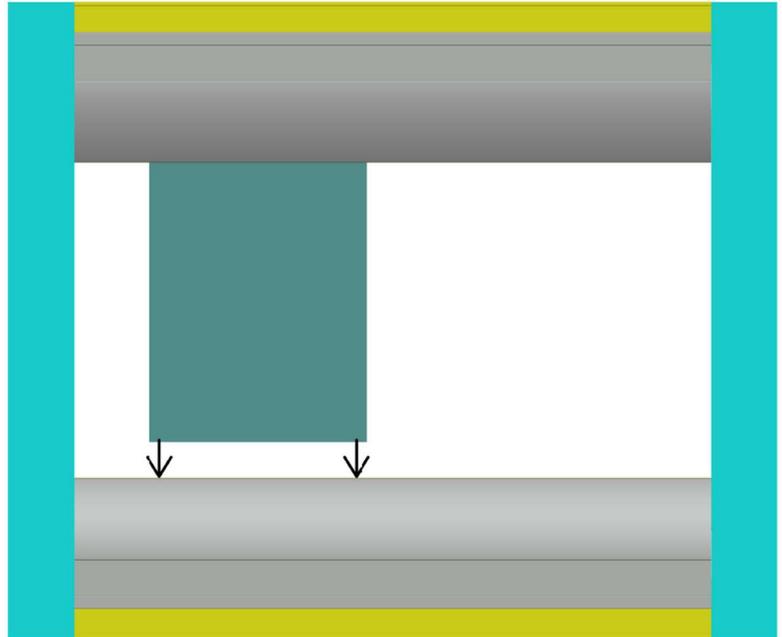
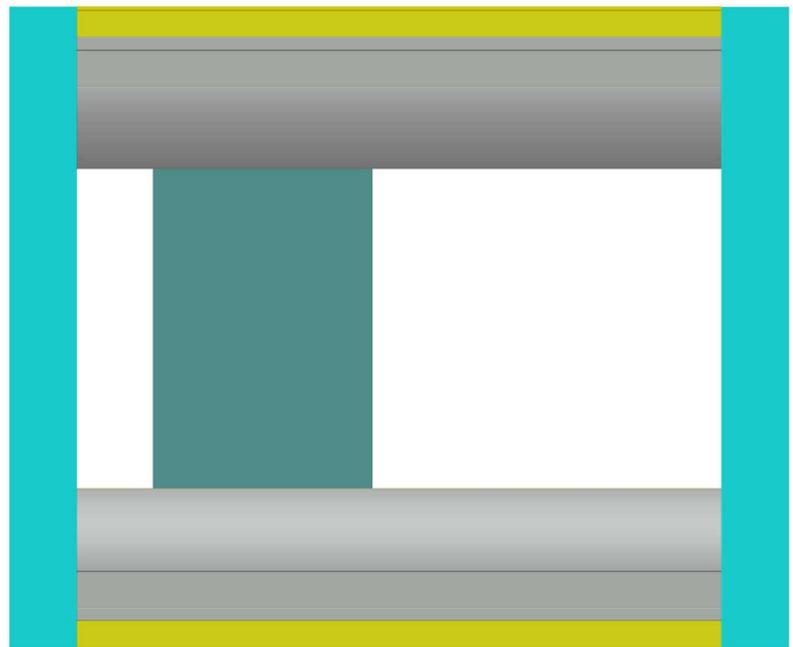


Fig. 43



# Nxtwall Installation Instruction

4. Slide the glass into the Wall-Start. Fig. 44.
  - a. Make sure to slide the glass as deep as possible into the Wall-Start, this will allow space to install the next pane(s) of glass. Fig. 45.
5. Once the glass is installed into the partition measure for the H Channel Polycarbonate Strips. Fig. 46.
  - a. The polycarbonate strips install between each pane of glass.
  - b. The measurement is between the View Track at the ceiling and the floor.
  - c. Use a hack saw to create a clean cut.
6. Place the polycarbonate strip on one pane of glass. Slide the next pane of glass into the polycarbonate strip.
7. If needed adjust the location of the glass making sure the glass is installed into the Wall-Start(s). Fig. 47.
8. Installation complete.

Fig. 44

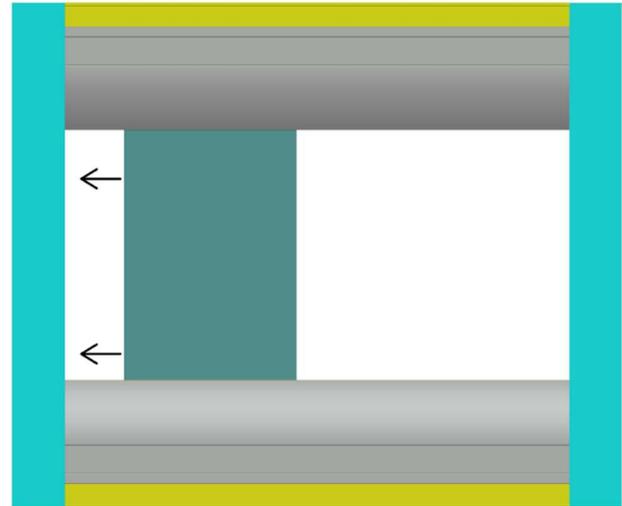


Fig. 45

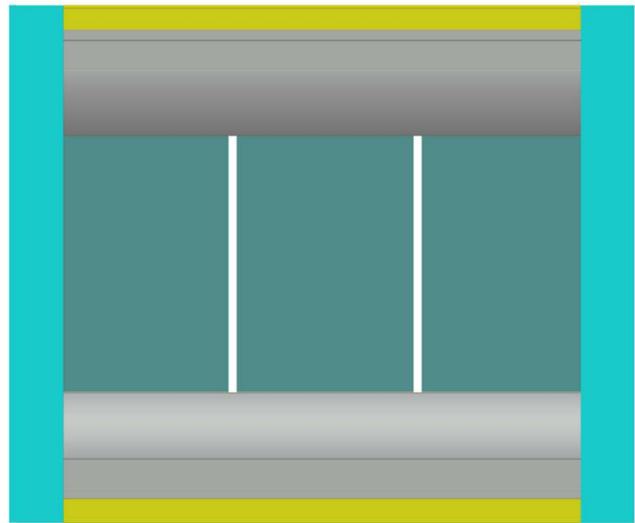
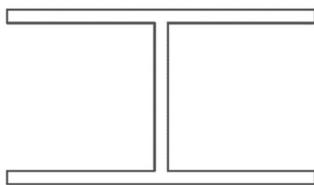


Fig. 46



H Channel Polycarbonate Strip

Fig. 47

