

Nxtwall Installation Instruction

Installation Scenario:

Freestanding View Series with Swing Door

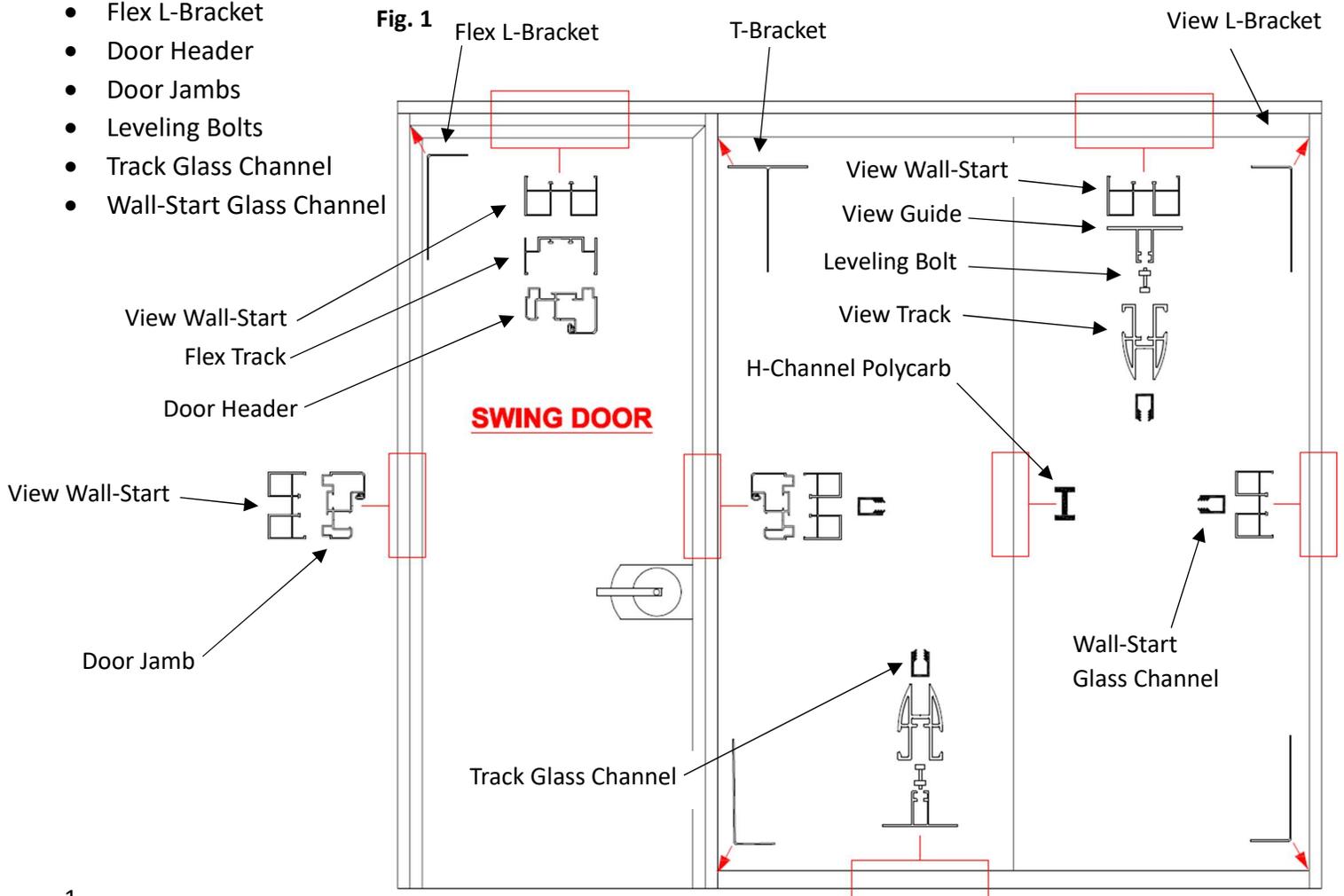
- This guide covers how to frame for this scenario only, does not include glass or door installation.

Nxtwall Components Covered by this Instruction:

- View Wall-Start
- View Track
- View Guide
- Flex Track
- View L-Bracket
- Flex L-Bracket
- Door Header
- Door Jambs
- Leveling Bolts
- Track Glass Channel
- Wall-Start Glass Channel

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.



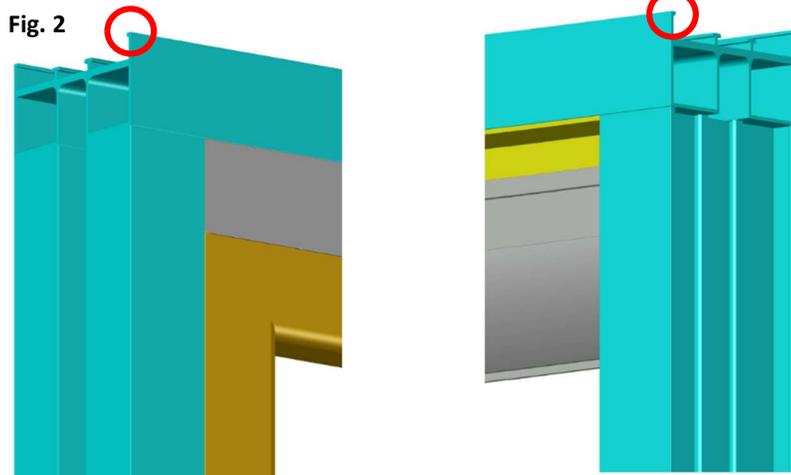
Nxtwall Installation Instruction

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.

Notes for Freestanding Applications:

1. For freestanding applications there will be a View Wall-Start installed horizontally at the top of the wall.
2. The View Wall-Start is sent to be laminated to the Flex Track within the swing door opening and the View Guide at the top of the wall.
 - a. The purpose of the Wall-Start is to provide an attaching point for the Flex Track and View guide.
 - b. The Wall-Start adds rigidity to the wall system.
3. The overall height listed on the drawing is from the floor to the top edge of the View Wall-Start at the top of the wall.

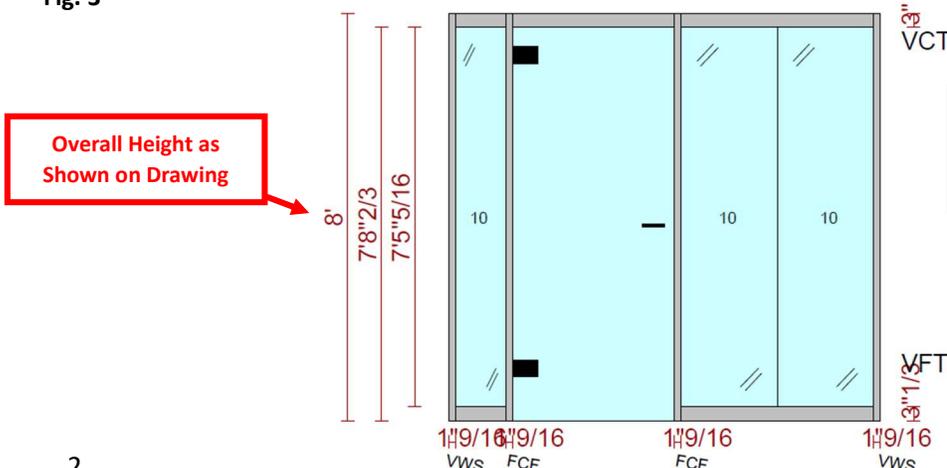


Overall Height Measured to the Top Edge of the Wall-Start

Fig. 2.

- a. Note: The elevation drawing does not show the Wall-Start at the top of the wall.
- b. Example: The overall height on the drawing shows 8'. The overall height is 8' from the floor to the top edge of the View Wall-Start. Fig 3.
- c. If there is any type of pre-ordered door it is important to match the overall height listed on the drawing at the door location(s). The height of the door is based on the height of the wall, any variance may lead to the doors not fitting properly.

Fig. 3



For more information on freestanding installations please reference "View Series Freestanding Installation Notes"

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Framing Configuration at Top of Wall

Reference this page during the installation procedure.

At the top of the wall the Wall-Start will run horizontally the entire length of the partition and rest on the vertical Wall-Starts. Fig. 4.

At the top of the wall within the swing door opening there will be a Flex Track laminated to the View Wall-Start. Fig. 5.

At the top of the wall on the fixed panel side of the partition there will be a View Guide laminated to the View Wall-Start. Fig. 6.

Reference the remainder of the installation guide for proper installation.

Fig. 4

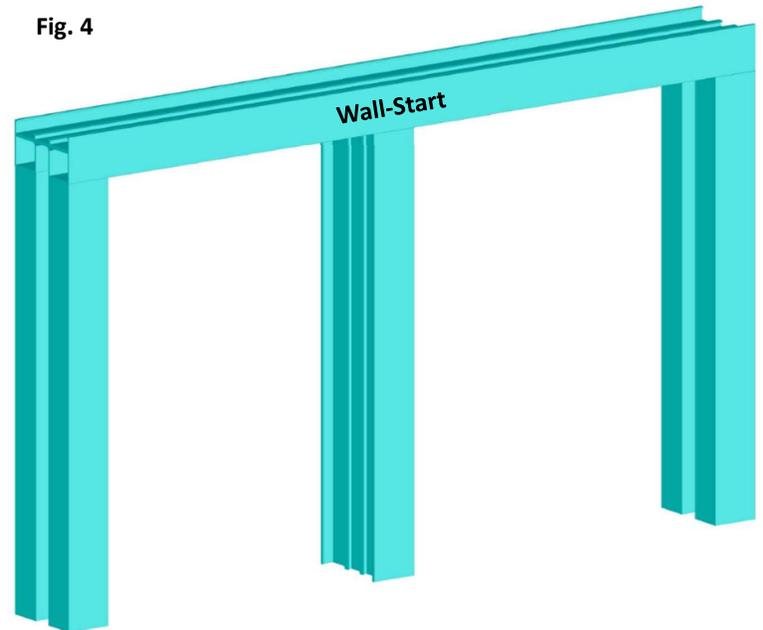


Fig. 5

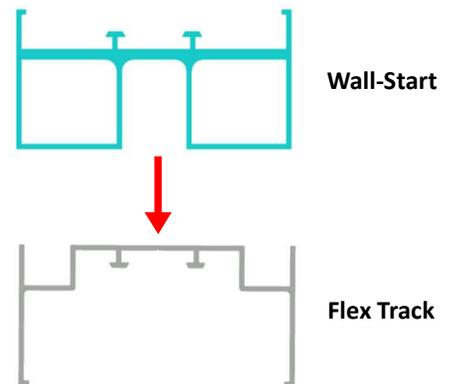
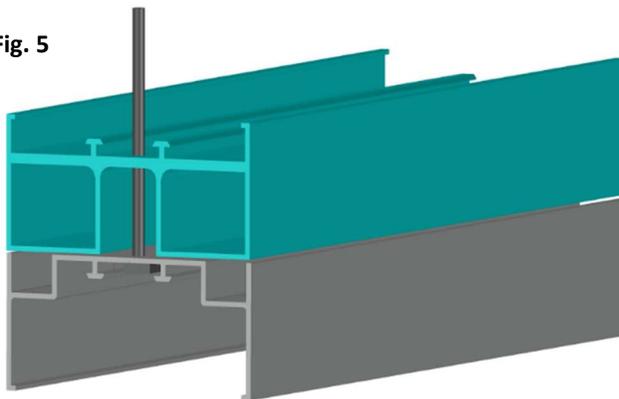
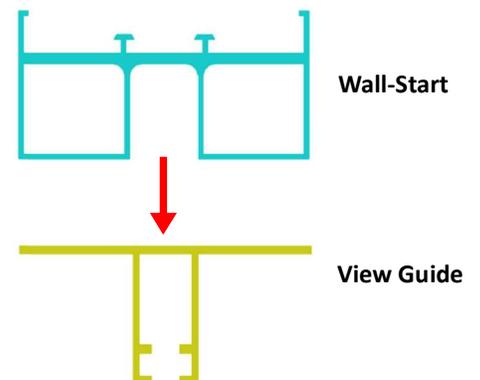
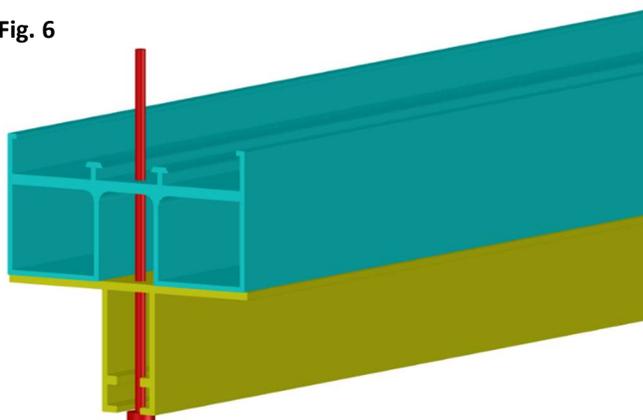


Fig. 6



Nxtwall Installation Instruction

Installation Procedure:

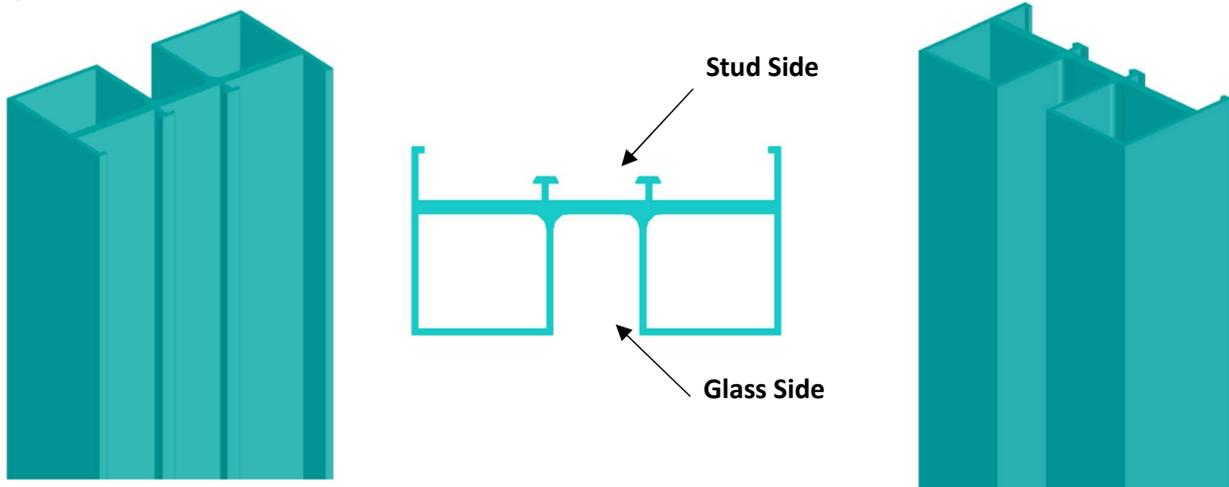
1. Set a laser level at the overall height listed on the drawing.
2. Measure for vertical View Wall-Starts on each end of the Partition. Fig. 7.
 - a. Measurement is from Floor to the Top of the Wall – 1 9/16".
 - b. Start with the Wall-Start on the hinge side of the opening.
 - c. If there is a variance in the floor make sure to match the overall height at the door location. If needed, cut the Wall-Start on the opposite side of the door opening to ensure the top of the wall remains level.
3. Determine the orientation of the Wall-Starts. Fig 8.
 - a. On the Door Opening side the "Stud Side" of the Wall-Starts will be facing the center of the door opening.
 - b. On the Non-Door Opening side the "Glass Side" of the Wall-Start will be facing the center of the opening.

Fig. 7

Laser Level at Overall Height



Fig. 8



Nxtwall Installation Instruction

4. Attach the Wall-Start to the existing wall on the door opening side and the existing wall on the opposite side of the partition. Fig. 9.
 - a. Make sure the Wall-Starts are plumb. This is especially important on the door opening side due to the door swinging off this Wall-Start. Ensuring the Wall-Start is plumb will ensure the door functions properly.
 - b. If the partition is coming off a Flex Post attach the Wall-Start to the Flex Post. Reference "Freestanding View Series Flex Post Installation" for more information.
5. Measure for the horizontal Wall-Start at the top of the wall. Fig. 10.
 - a. The horizontal Wall-Start will run the entire length of the partition.
 - b. The measurement will be from existing wall to existing wall, existing wall to Flex Post, Flex Post to Flex Post.

Fig. 9

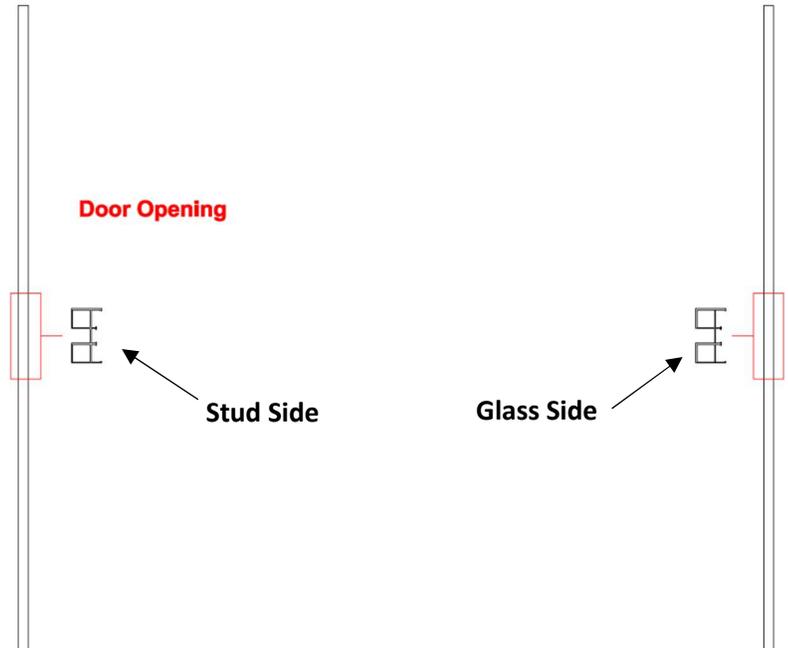
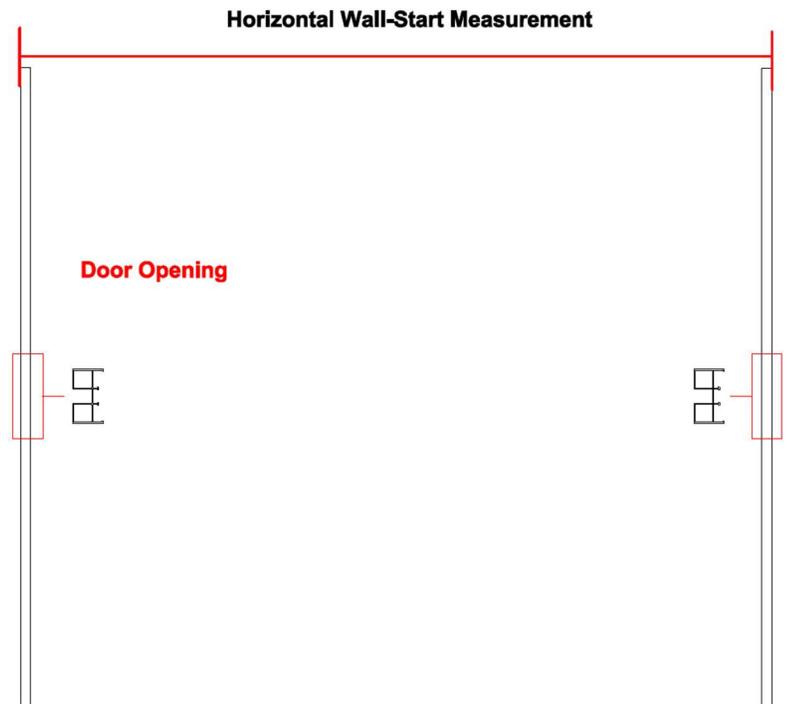


Fig. 10



Nxtwall Installation Instruction

6. Place the horizontal Wall-Start on top of the vertical Wall-Start with the “Glass Side” facing down. Fig. 11.

- The horizontal Wall-Start should be level and the top edge of the Wall-Start should be at the overall height.
- The “Glass Side” facing down will provide an attaching point for the remaining framing.
- Do not attach horizontal Wall-Start to vertical Wall-Starts.

7. Measure and cut the Flex Track within the Door Opening. Fig. 12.

- The Flex Track is used to accept the Door Header.
- For a Single Swing Door opening the Flex Track will be 38”.
- For Double Swing Door Openings the Flex Track will be 73 7/8”.

8. Slide Flex L-Bracket and T-Bracket into the Flex Track. Fig. 13.

- Note: If the swing door is in the center of a partition there will be a T-Bracket on each end of the track

Fig. 11

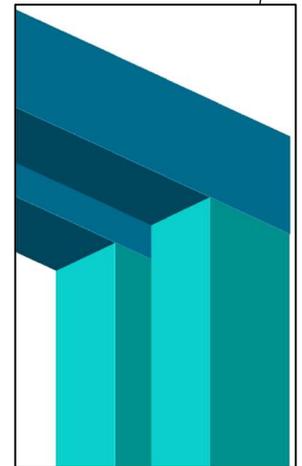
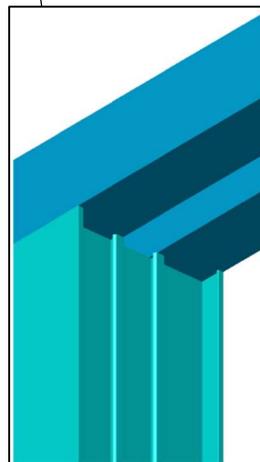


Fig. 12

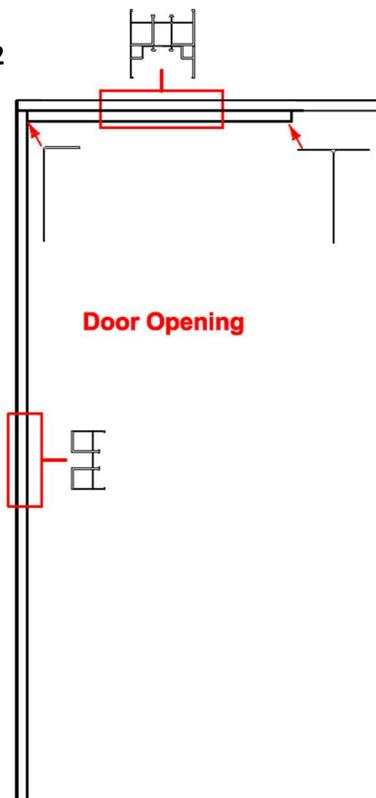
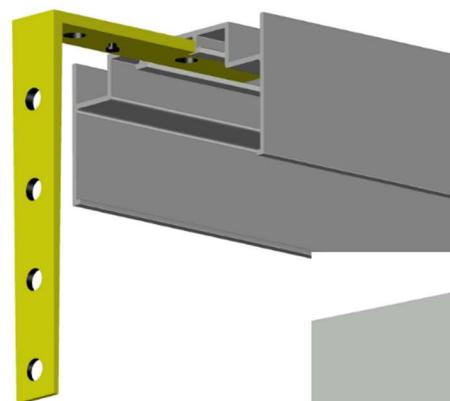
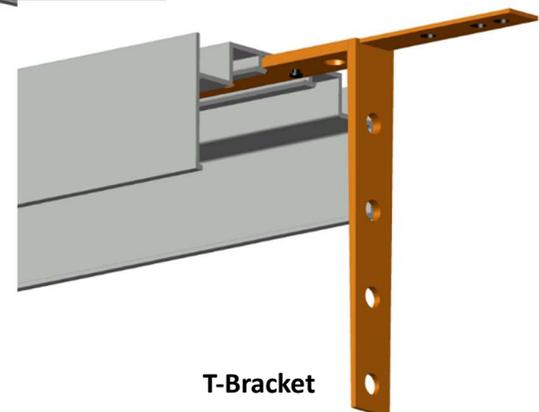


Fig. 13



Flex L-Bracket



T-Bracket

Nxtwall Installation Instruction

9. Place the Flex Track against the horizontal Wall-Start and the vertical Wall-Start. Fig. 14.
 - a. The horizontal Wall-Start is not yet attached, make sure the Flex Track is positioned properly.
10. Attach the Flex Track to horizontal Wall-Start using 2 – 4" Attaching Screws. Fig. 15.
 - a. Make sure the edges of the Flex Track are Flush with the edges of the Wall-Start.
11. Slide the Flex L-Bracket into the "Stud Side" of the Wall-start. Attach L-Bracket to the Wall-Start using 2 – 5/8" Attaching Screws. Fig. 16.
 - a. Ensure there is a tight fit between the horizontal and vertical Wall-Starts.
 - b. The L-Bracket connects the horizontal Wall-Start to the vertical Wall-Start.

Fig. 14

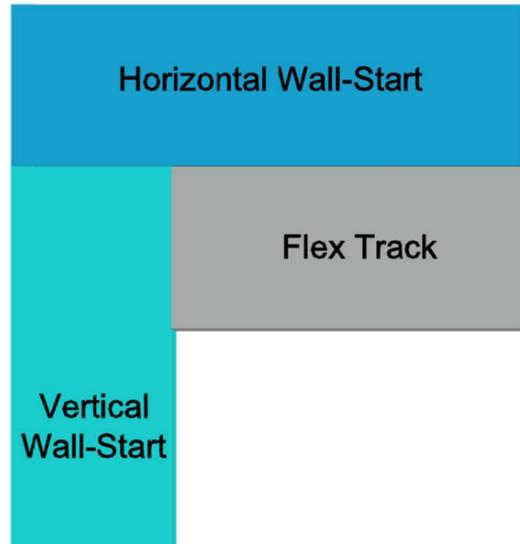


Fig. 15

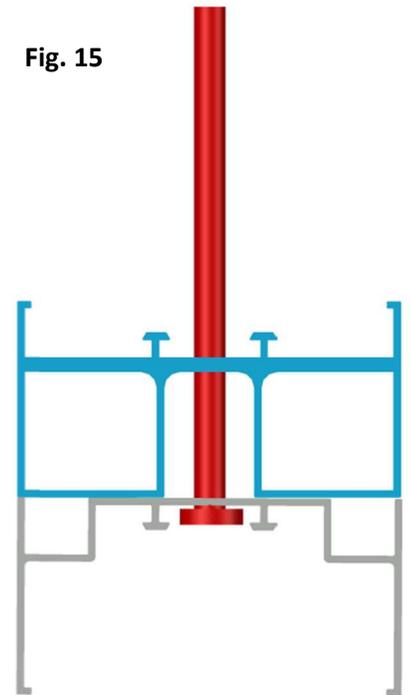
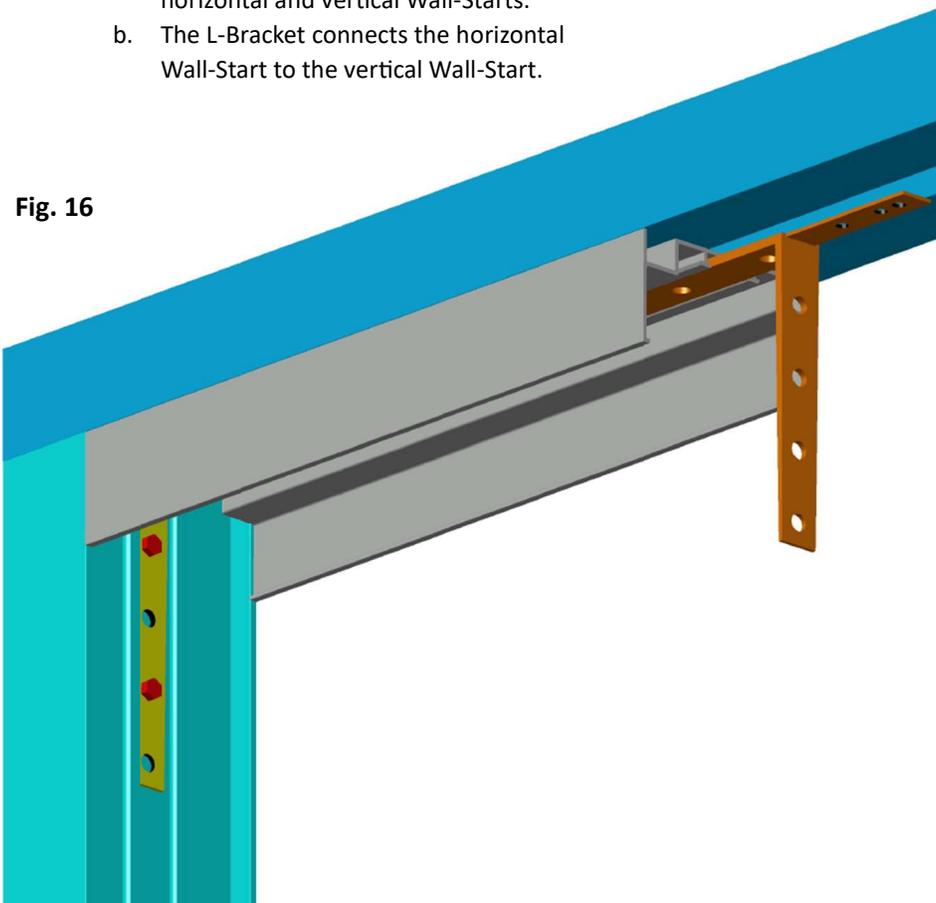


Fig. 16



Nxtwall Installation Instruction

12. Measure for the vertical Wall-Start for the opposite side of the door opening.

Fig. 17.

- a. The measurement is from the floor to the horizontal Wall-Start.
- b. This will be an exact measurement.

13. Notch the center of the Wall-Start.

Fig. 18.

- a. The notch will need to be approximately 1/2" deep. This will allow one side of the T-Bracket to come through the Wall-Start and into the View Guide once the guide is installed.
- b. A hack saw and pliers can be used to make the notch.

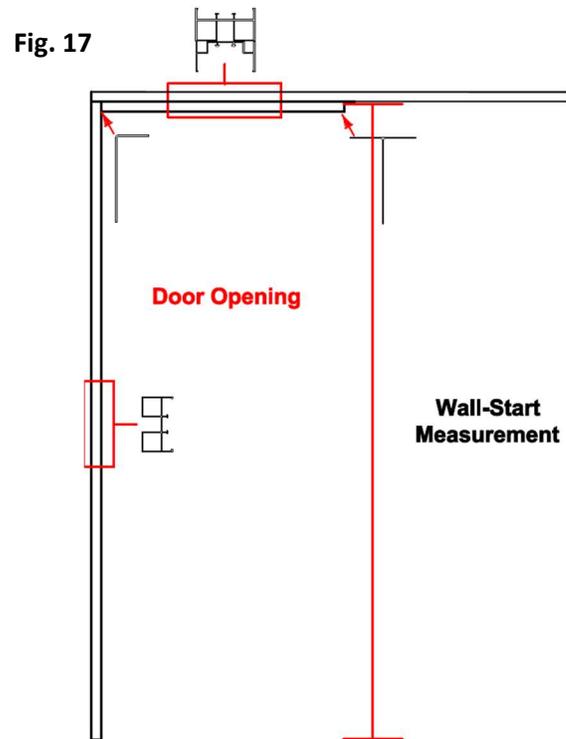
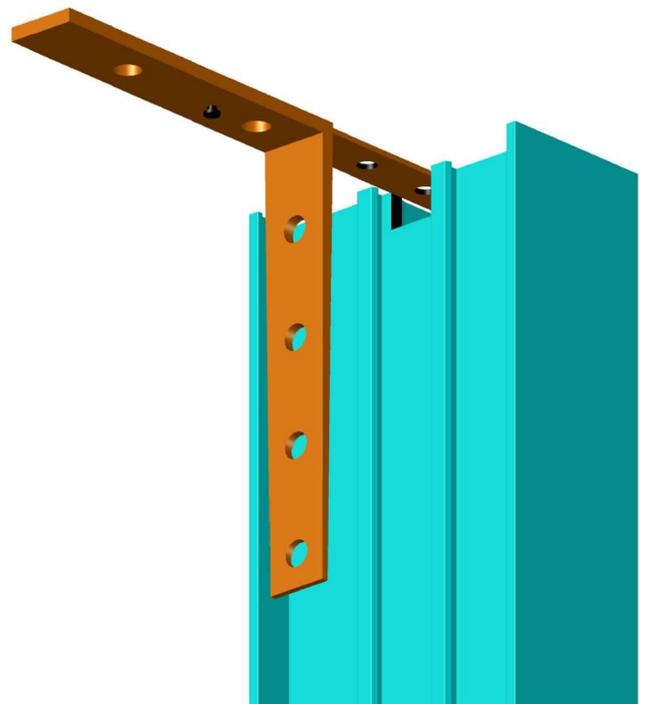


Fig. 18



Nxtwall Installation Instruction

14. Place the Wall-Start tight to the Flex Track with the “Stud Side” of the Wall-Start facing the center of the door opening. Fig. 19.
15. Slide the T-Bracket through the notch in the Wall-Start and tight to the inside of the Wall-Start. Fig. 20.
16. Attach the T-Bracket to the Wall-Start using a 5/8” Framing Screw. Fig. 12.
 - a. Attach through the top hole of the bracket only.
17. Tighten the Set Screw in the T-Bracket.
18. Plumb the Wall-Start. Actual door opening spacing to set later in the installation.

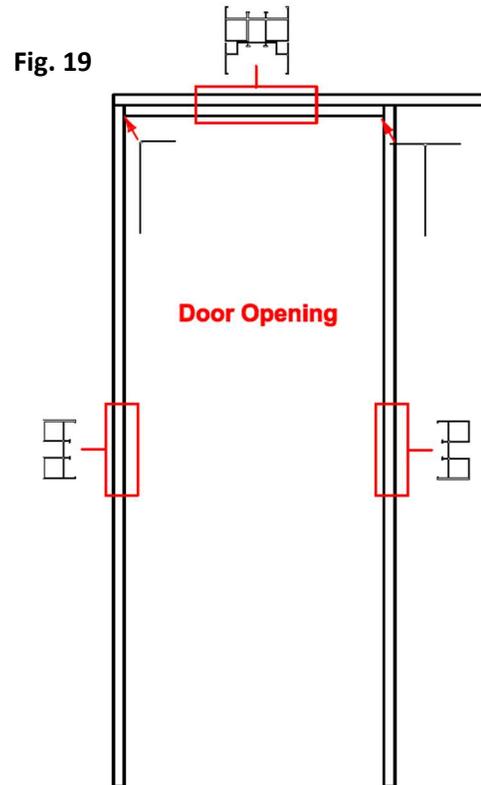


Fig. 20

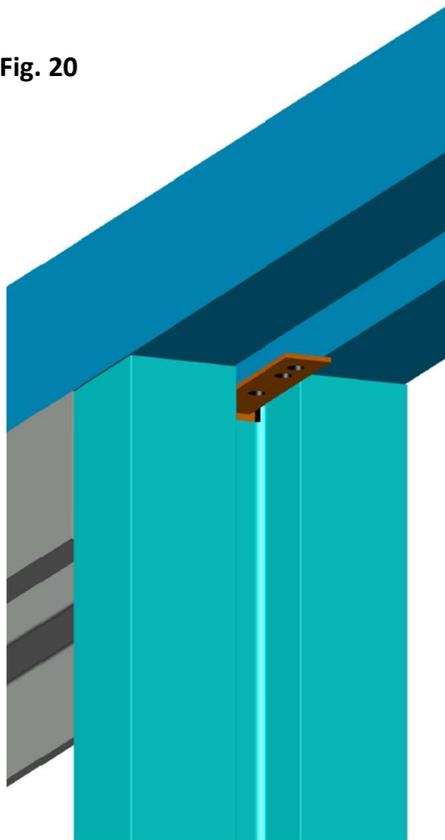
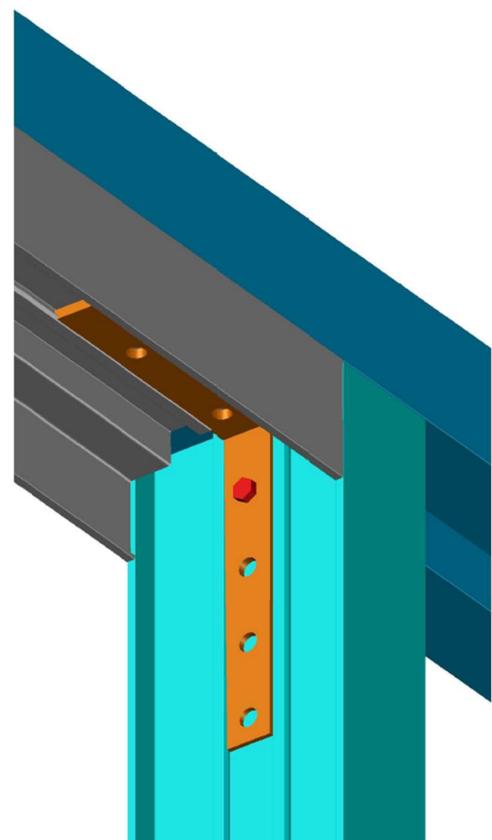


Fig. 21



Nxtwall Installation Instruction

19. Measure for View Track and View Guide attaching to the ceiling.

- a. Measurement will be from Wall-Start to Wall-Start. Fig. 22.
- 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.

20. Separate the View Guide from the View Track. Fig. 23.

- a. The View Guide will be attached to the horizontal Wall-Start first.

Fig. 23

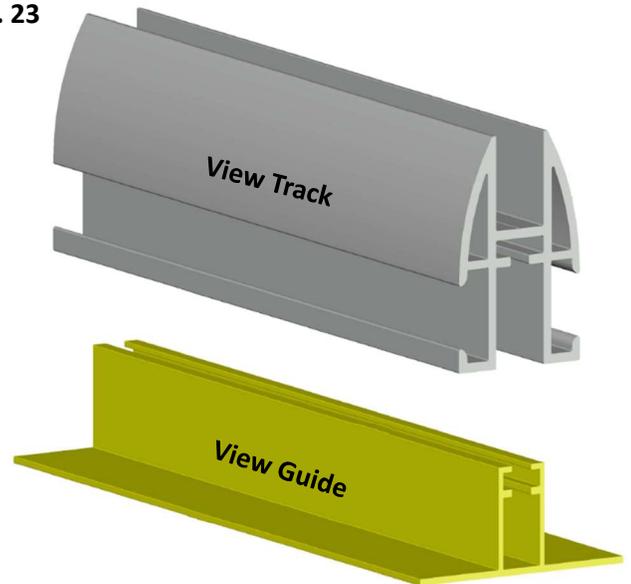
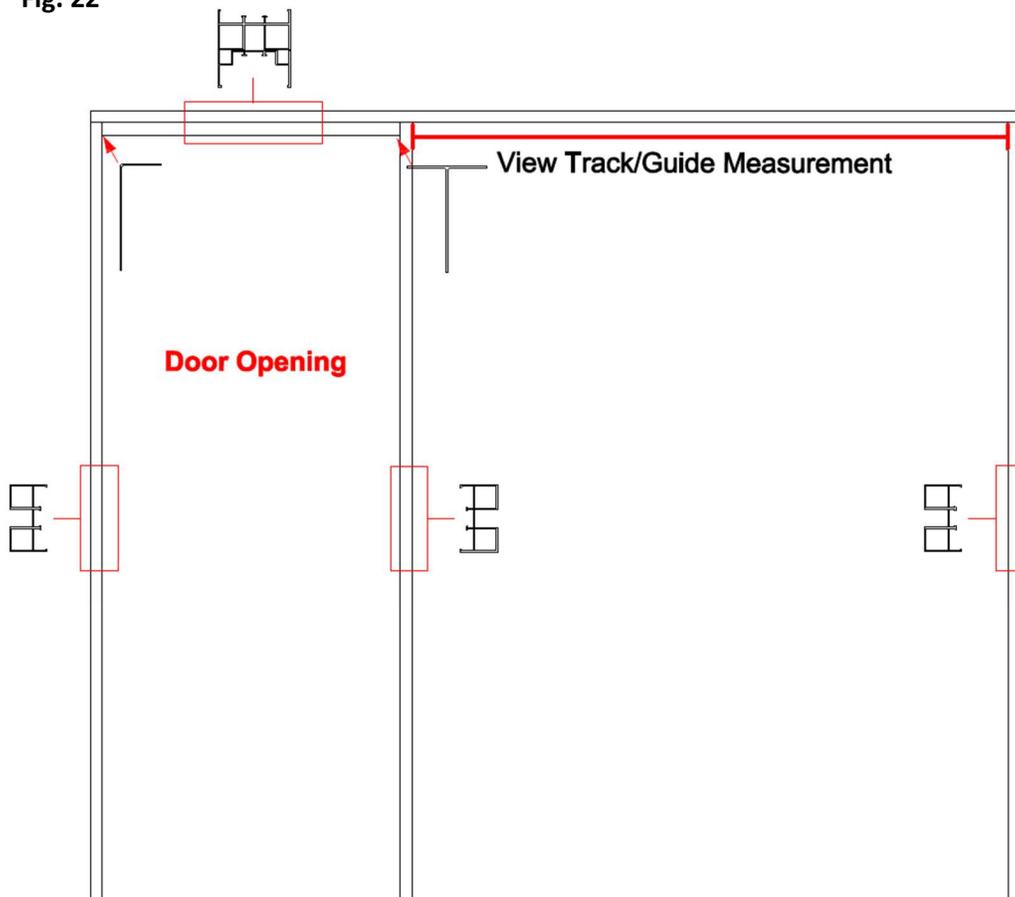


Fig. 22



Nxtwall Installation Instruction

21. Prep View Guide for installation.

- a. If needed, a step bit can be used to create a hole large enough to fit a nut driver. Fig. 24A/B.
- b. As an alternative attaching method the attaching screw can be ran through the center and tight to the View Guide. See Fig. 25.

Fig. 24A

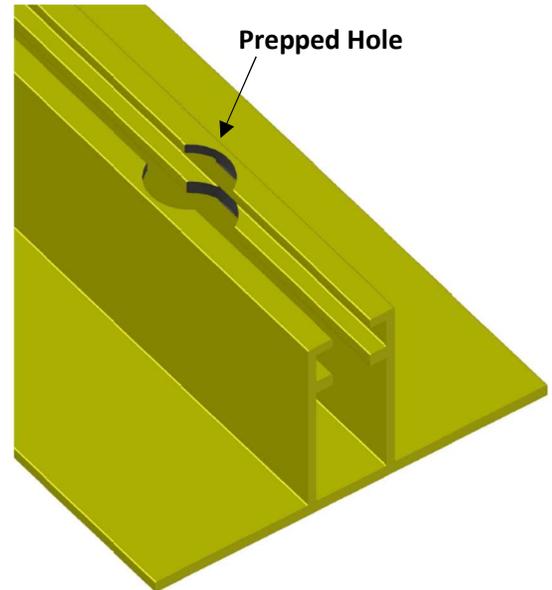


Fig. 25

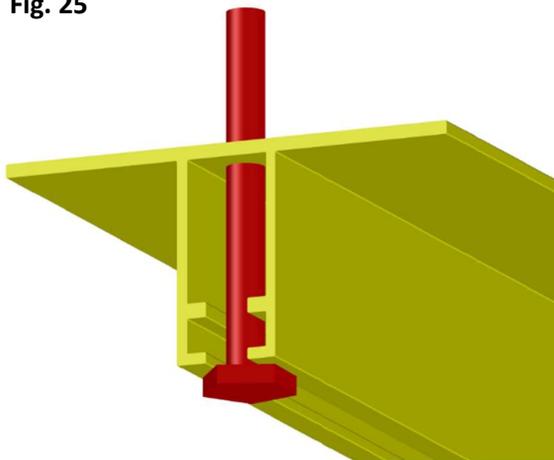
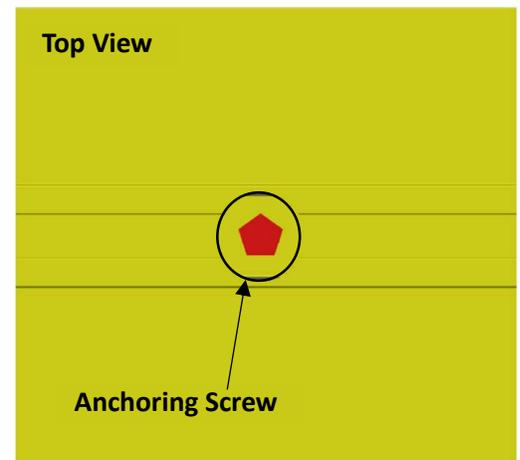


Fig. 24B



Nxtwall Installation Instruction

22. Slide Leveling Bolts into the View Guide.

Fig. 26.

- 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-Bracket and T-Bracket.

23. Slide a View L-Bracket into the end of the View Guide opposite of the T-Bracket. Fig. 27.

24. See Fig. 28 for Leveling Bolt and L-Bracket placement.

Fig. 26

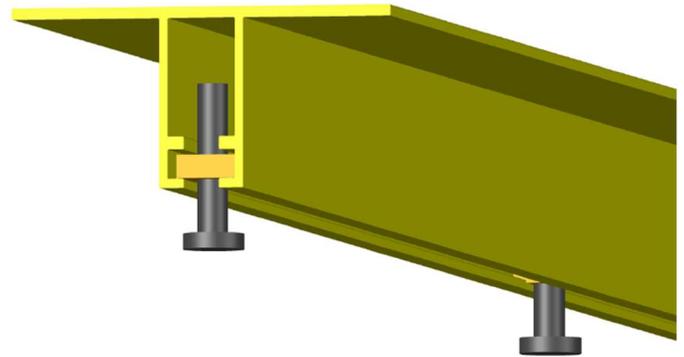


Fig. 27

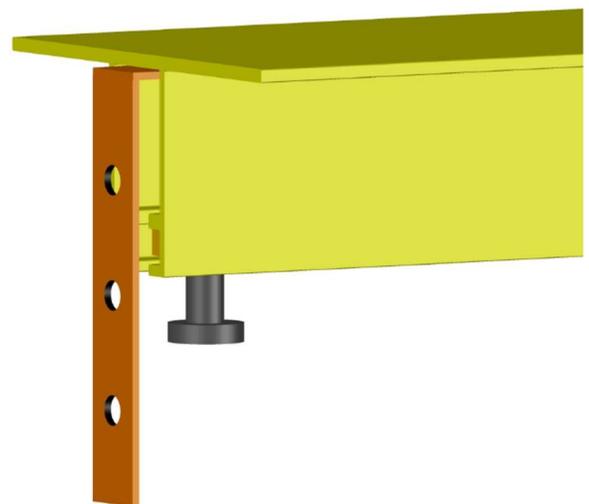
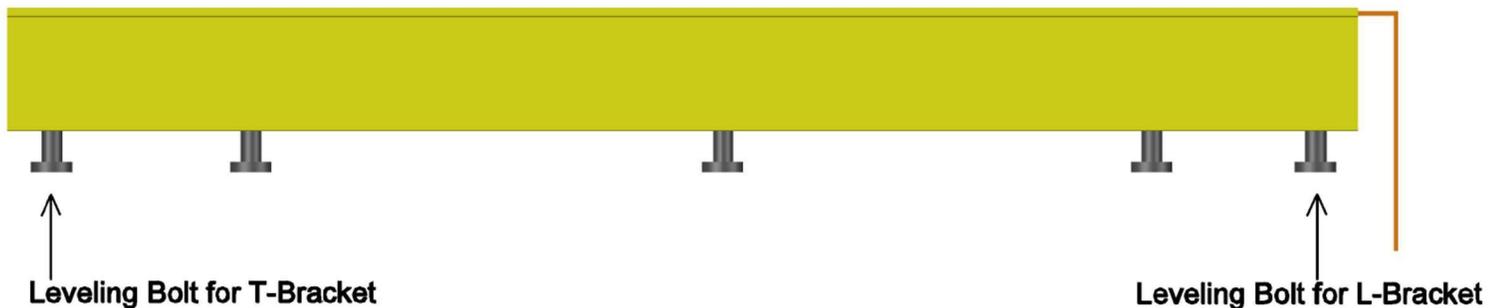


Fig. 28

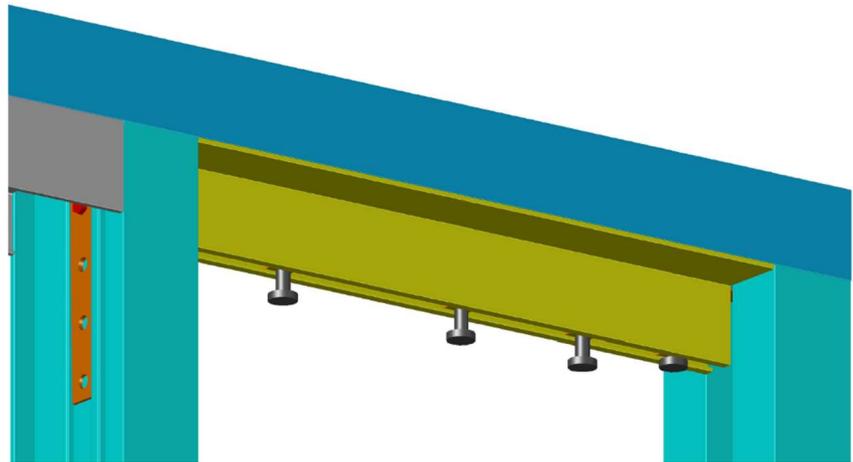


Nxtwall Installation Instruction

25. Place the View Guide against the horizontal Wall-Start. Make sure the edge of the View Guide is flush with the edge of the View Wall-Start. Attach View Guide to the Wall-Start using 4" Framing Screws. Fig. 29.

- a. Note: When installing the View Guide the guide will need to slide over the portion of the T-Bracket coming through the Wall-Start.
- b. Use quick clamps to hold View Guide to the horizontal Wall-Start to assist with attaching.

Fig. 29



26. At the T-Bracket location tighten the additional Leveling Bolt tight to the T-Bracket. This will help hold the View Guide in place. Fig. 30.

27. At the View L-Bracket location 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. 31.

- a. Note: This will connect the horizontal Wall-Start to the vertical Wall-Start.

Fig. 30

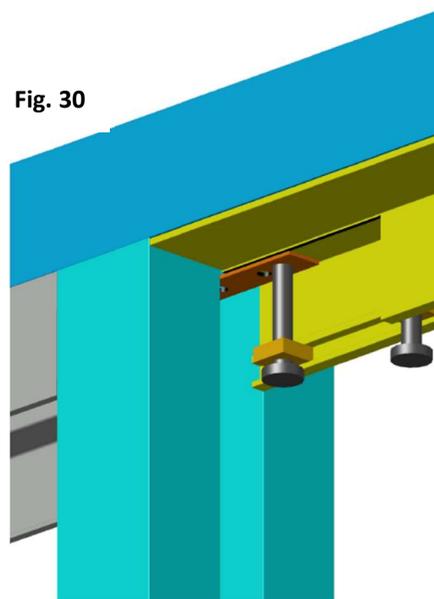
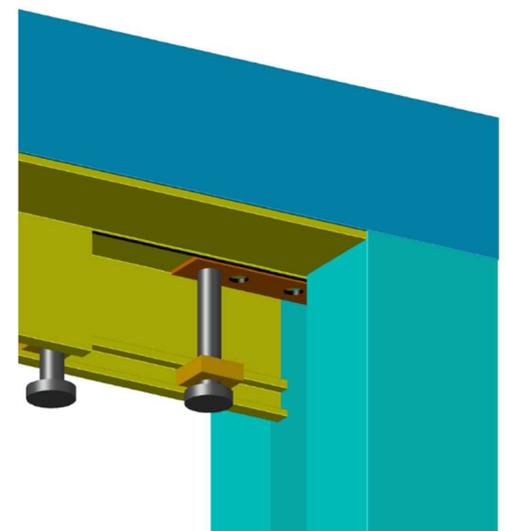


Fig. 31



Nxtwall Installation Instruction

28. **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. 32).
 - To achieve this, set the first leveling bolt at 3/8" to the top of the bolt on the door opening side (Fig. 33).
 - 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. 34.

****Leveling Bolts allow up to 7/8" adjustment ****

Fig. 32

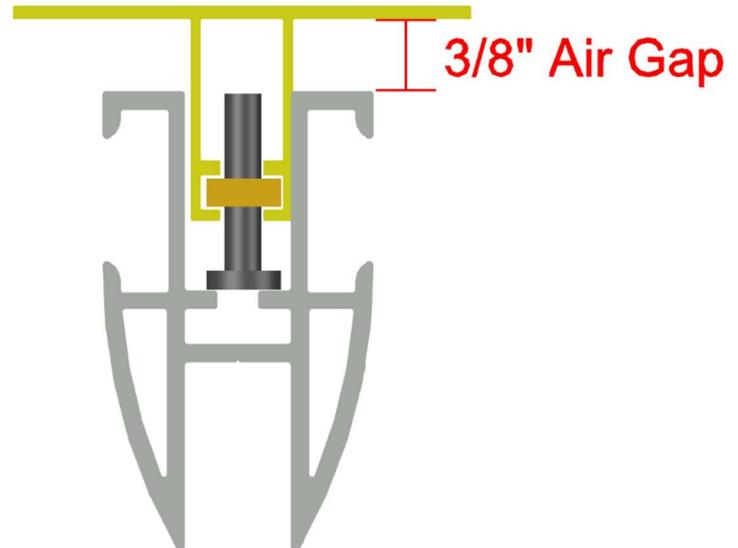


Fig. 33

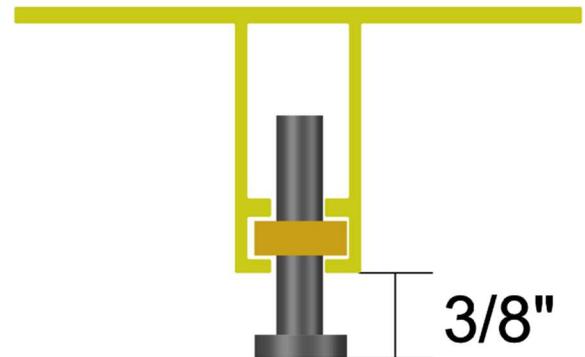
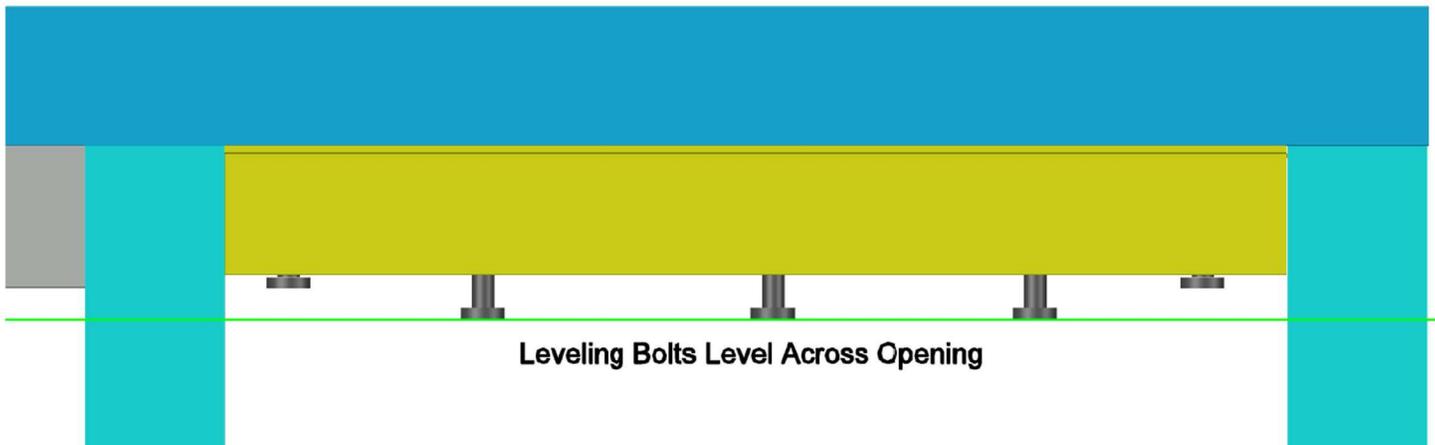


Fig. 34



Nxtwall Installation Instruction

29. Prep the View Track for installation.
 - a. Pre-drill 1/4" holes approximately every 3'-4' through the center of the View Track. Fig. 35.
30. Attach View Track to View Guide using the 4" attaching screws. Fig. 36.
 - a. When attaching the View Track run the screws to tighten the View Track to the Leveling Bolts. Do not overtighten.
31. Ensure the View Track is level.

Fig. 35

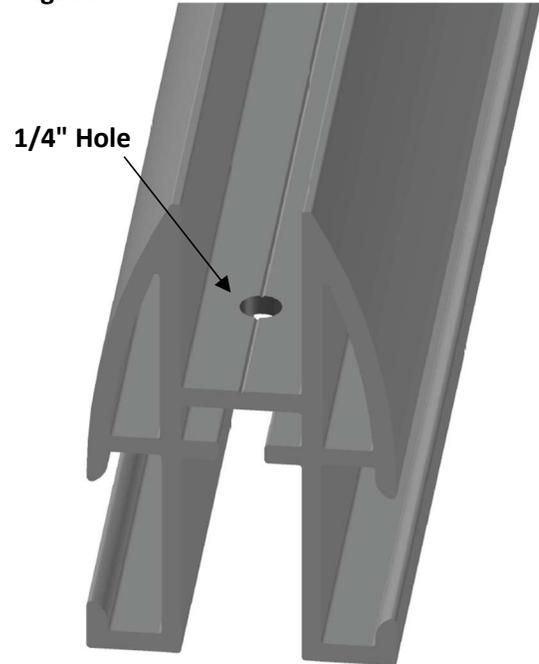
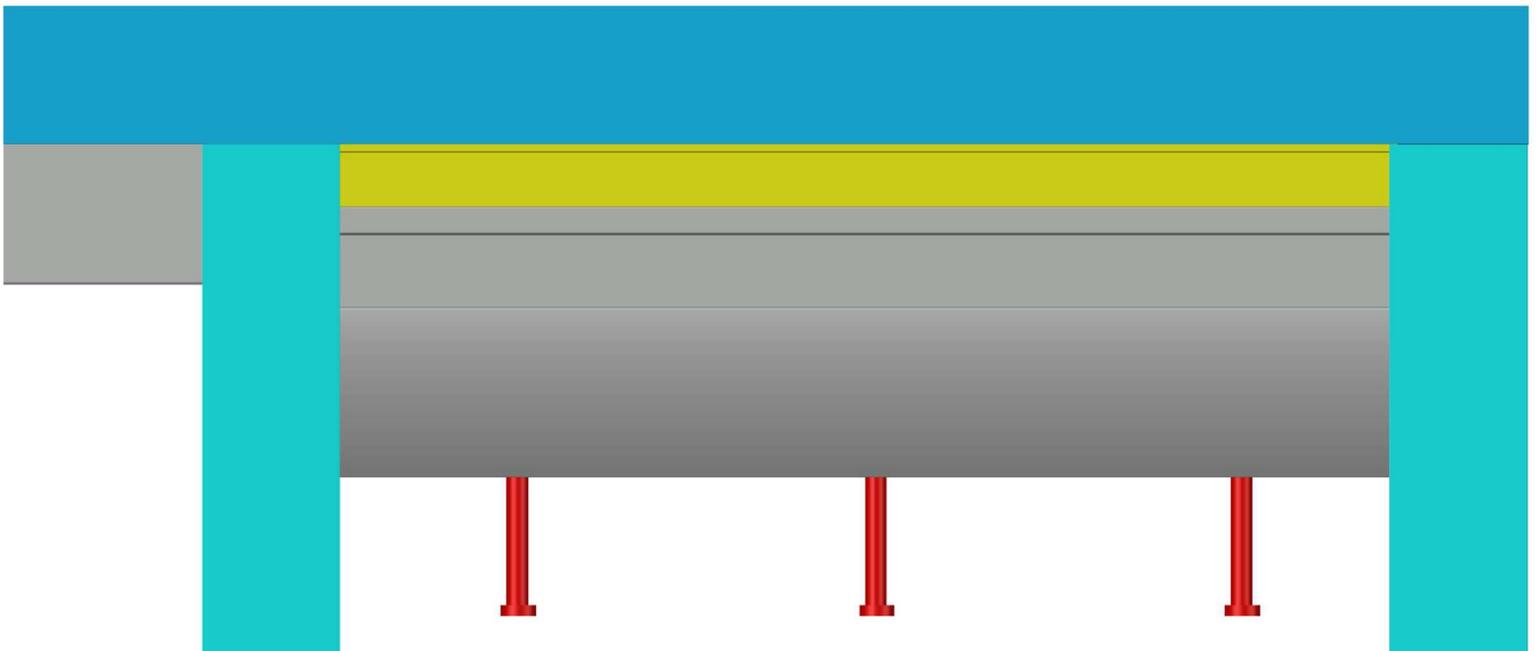


Fig. 36



Nxtwall Installation Instruction

32. Set door opening spacing. Fig. 37.
- The measurement between the Wall-Starts for Single Swing doors is 38".
 - Double Swing Door Openings: 73 7/8".
 - Use the pre-cut Door Header as a spacer to properly space the opening.
 - Place the Door Header tight to the Wall-Start already established, bring the opposite side Wall-Start tight to the Door Header.
 - Once the Door Header is in place the opening should be plumb and square.
33. Measure for the View Track and Guide attaching to the floor. Fig. 38.
- The measurement will be from the Wall-Start to Wall-Start.
 - Same as the View Track/Guide at the ceiling the View Track/Guide can be cut to the same length for the floor.
34. Cut the View Track and Guide.

Fig. 37

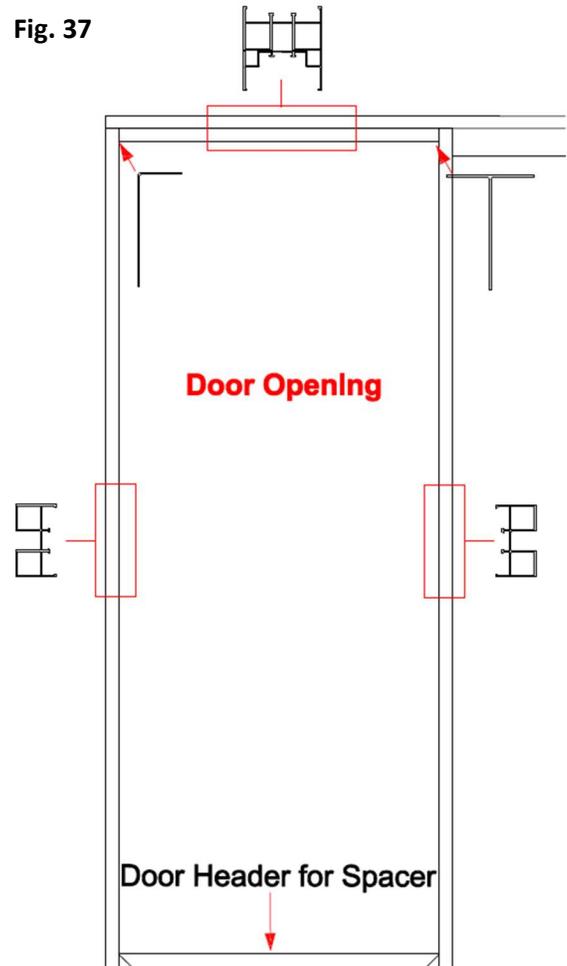
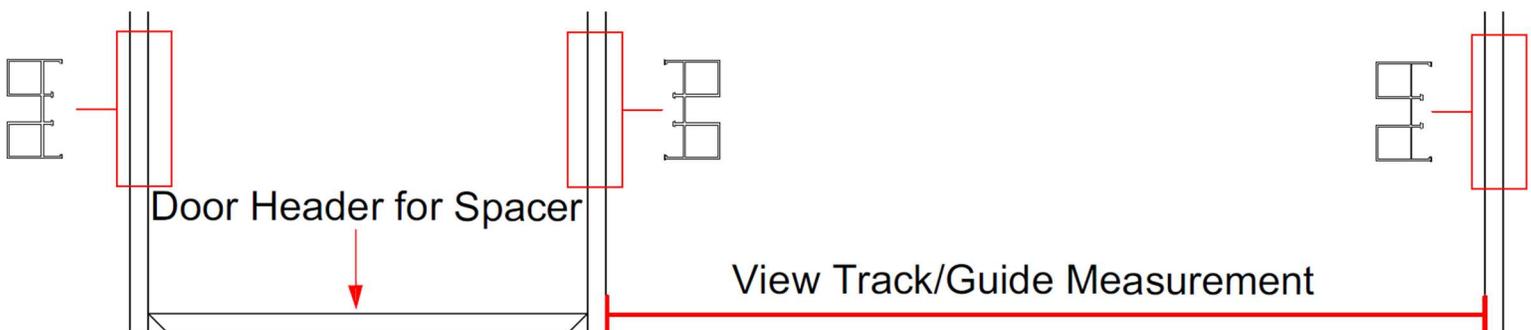


Fig. 38



Nxtwall Installation Instruction

35. Separate the View Guide from the View Track.

Track.

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

36. Slide Leveling Bolts into the View Guide.

Fig. 39.

- 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.

37. Slide View L-Brackets (2) into each end of the View Guide. Fig. 40.

38. Depending on the anchoring screw being used the View Guide may need to be prepped to allow the anchoring screw to fit. Reference page 11 for prepping the View Guide.

39. 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. 41.

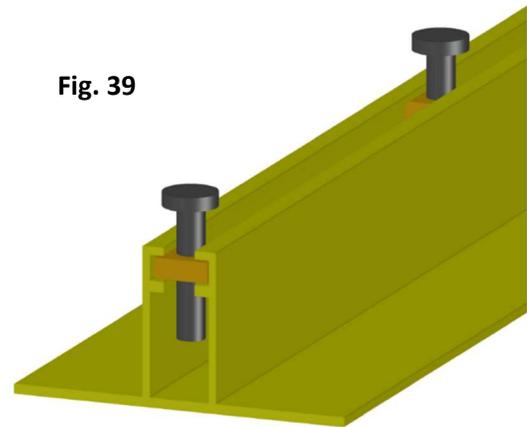


Fig. 39

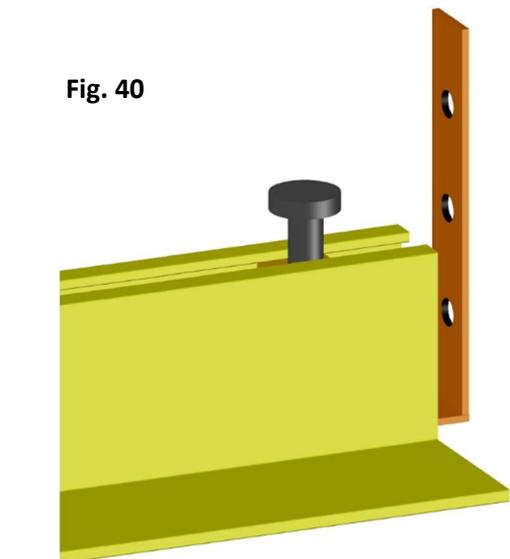
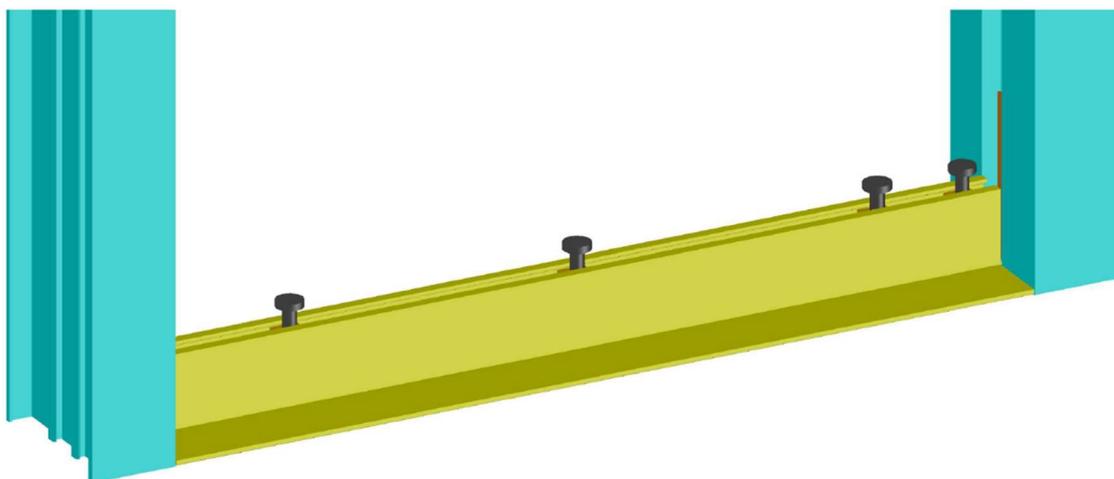


Fig. 40

Fig. 41



Nxtwall Installation Instruction

40. Attach the View Guide to the floor.
41. At the Door Opening View L-Bracket location 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. 42.
42. Run an anchoring screw through one of the open holes in the L-Bracket. Fig. 42.
 - a. This anchoring screw will provide strength for the door opening.
43. At the View L-Bracket location on the opposite end repeat this process. At this location the anchoring screw through the L-Bracket is not required. Fig. 43.

Fig. 42

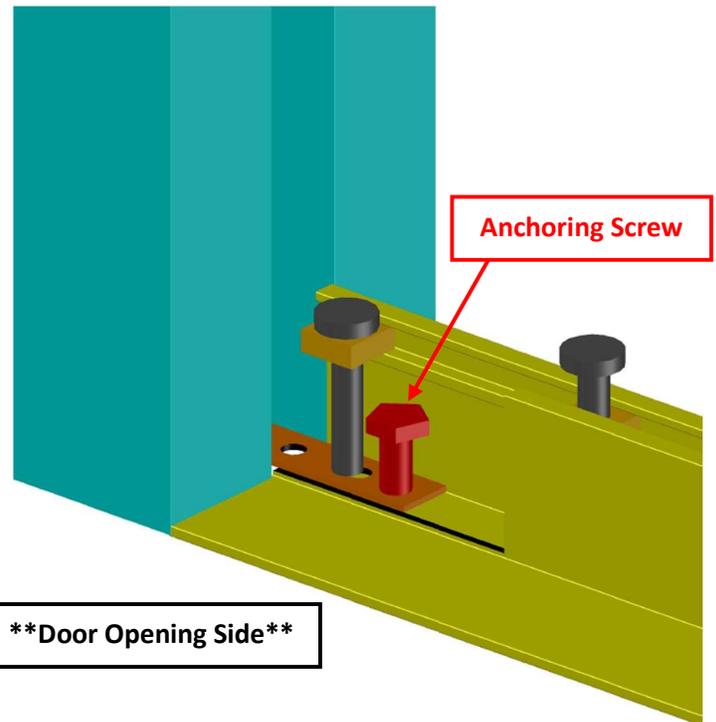
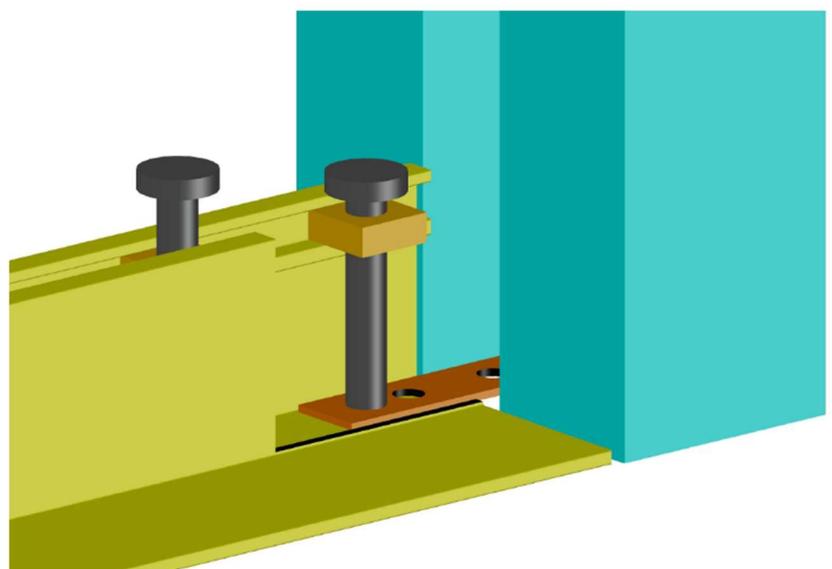


Fig. 43



44. **Important Step:** Same as the ceiling adjust the Leveling Bolts in the View Guide. The Leveling Bolts must be level across the opening. Fig. 44.

- 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.

45. Place the View Track onto the Leveling Bolts/View Guide. Fig. 45.

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

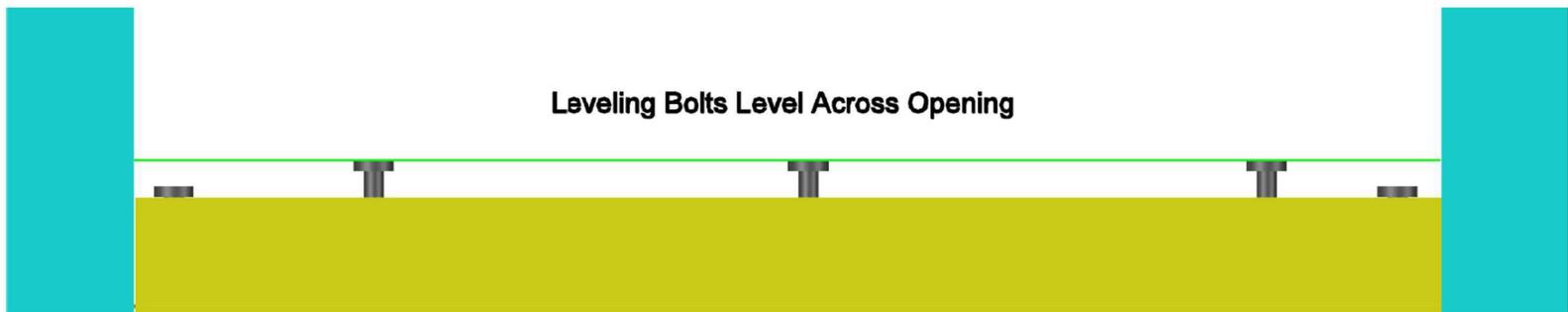
46. Ensure the View Track is level.

Fig. 45



Fig. 44

Leveling Bolts Level Across Opening



Door Header and Jamb Installation

47. Place Door Header inside the Flex Track attached to the ceiling. Fig. 46.

- a. Make sure the door header is tight to the Wall-Start on each side of the opening.
 - b. The long point of the Door Header will be inside the Wall-Start on each end.
- Fig. 47.

48. Attach the Door Header to the Flex Track using 2 - 2 ½" Screws.

49. Measure for Vertical Door Jambs.

- a. Measurement will be from the floor to the bottom edge of the Flex Track attached to the ceiling. Fig. 48.

Fig. 46

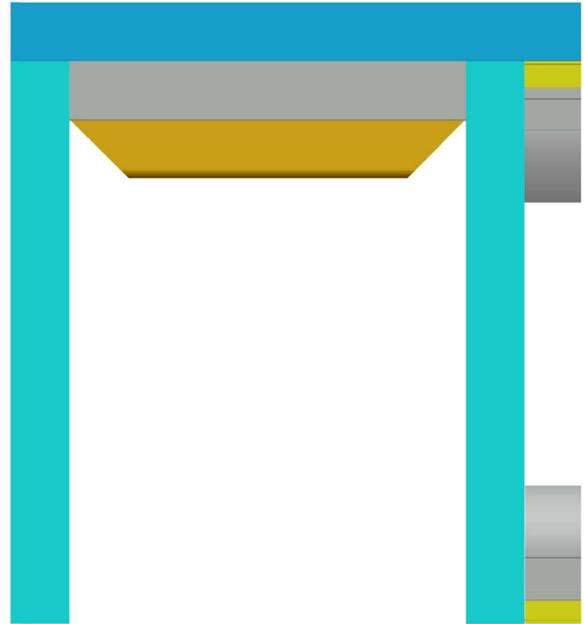


Fig. 47

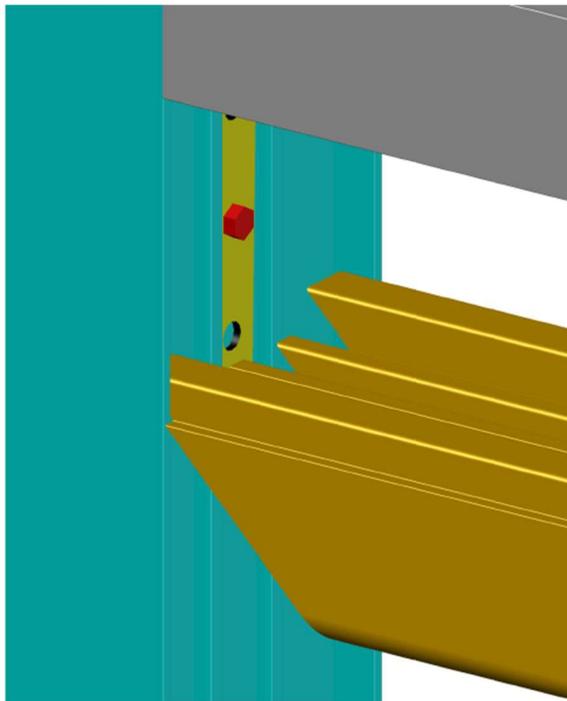
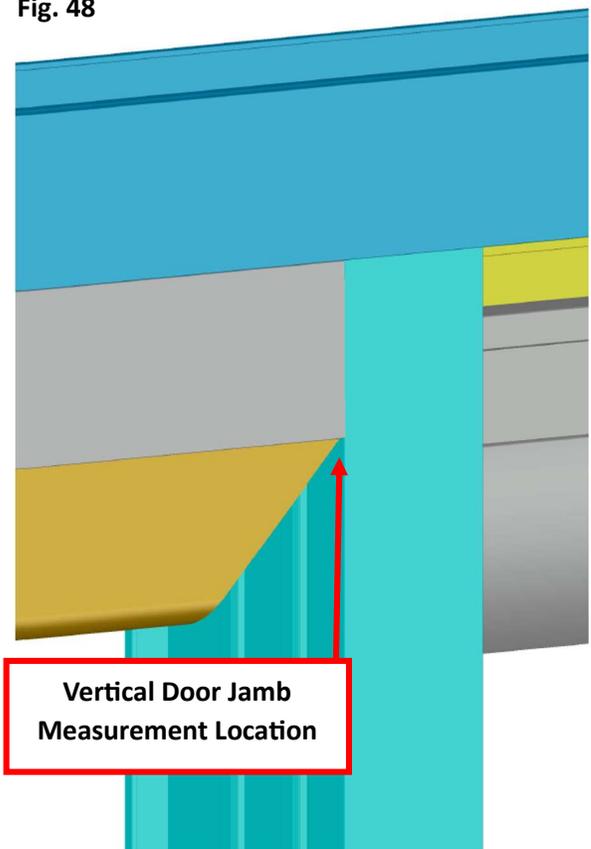


Fig. 48



Nxtwall Installation Instruction

50. Measure and cut Vertical Door Jambs.

- Measure from measuring point shown on Fig. 49 on the mitered end down to the square end. Cut the square end.
- It is important to measure from the correct measuring point to ensure the jamb is cut to the proper length. The long point of the Door Jamb will be inside the Flex Track. Fig. 50.

51. Attach Vertical Door Jambs to the Wall-Starts using 4 – 1 ¼" Framing Screws.

Fig. 51.

Fig. 49

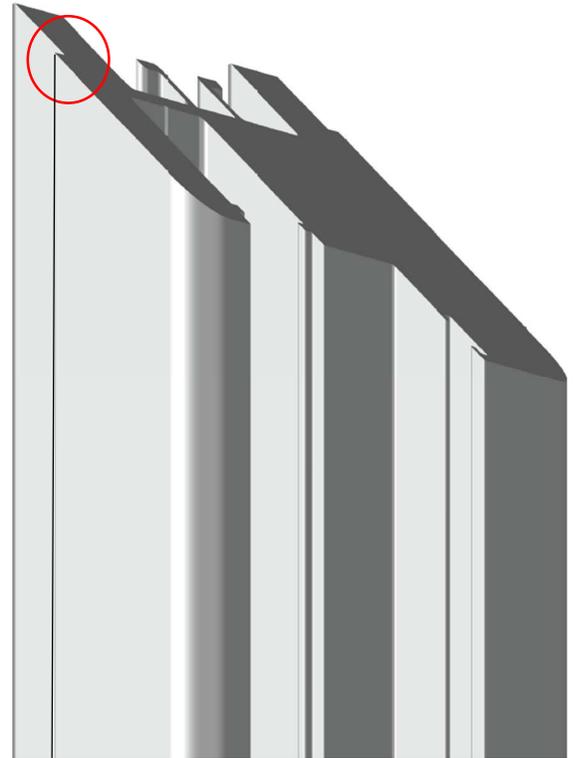


Fig. 51

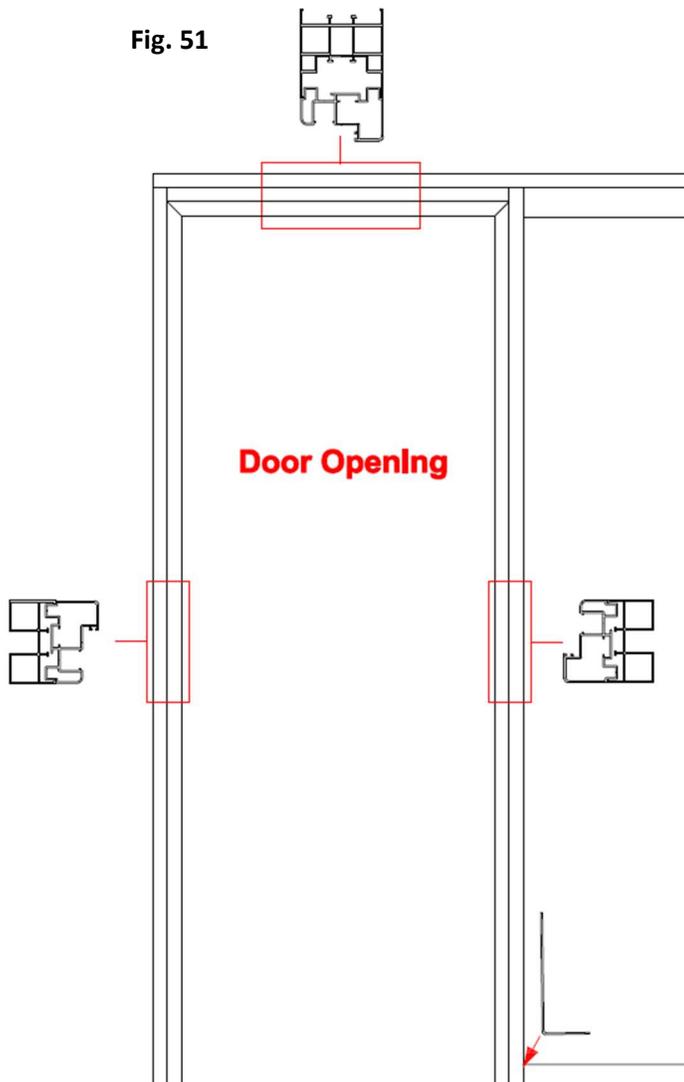
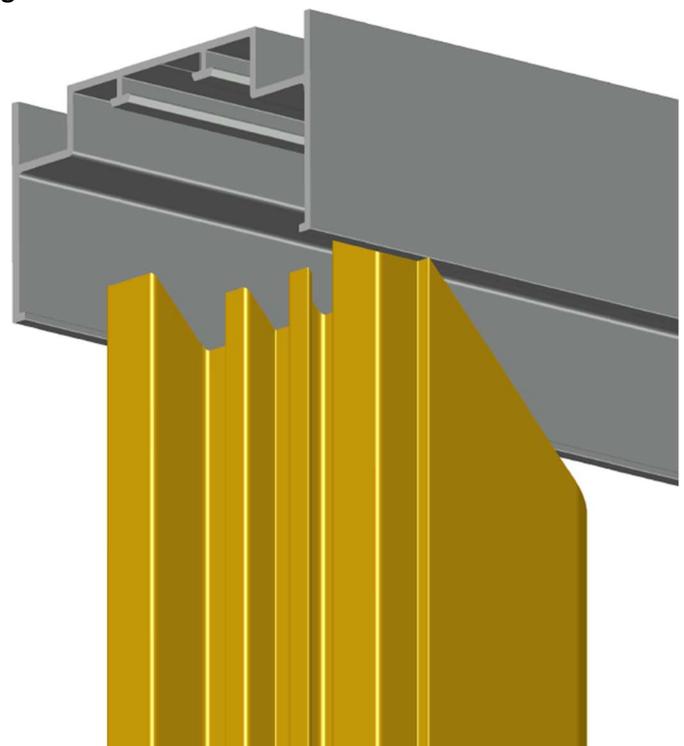


Fig. 50



Nxtwall Installation Instruction

Glass Channel Installation

There are two different profiles of Glass Channel.

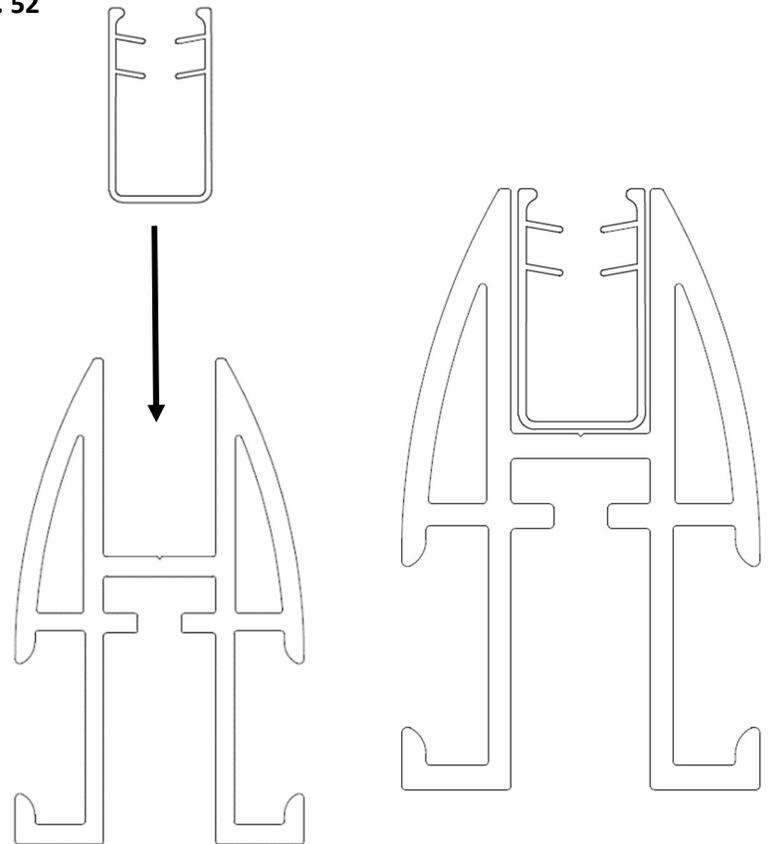
- View Track Glass Channel (Fig. 52).
- View Wall-Start Glass Channel (Fig. 53).
 - o To differentiate the two different profiles "WALL-START" is printed on the side of the Wall-Start Glass Channel.

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.

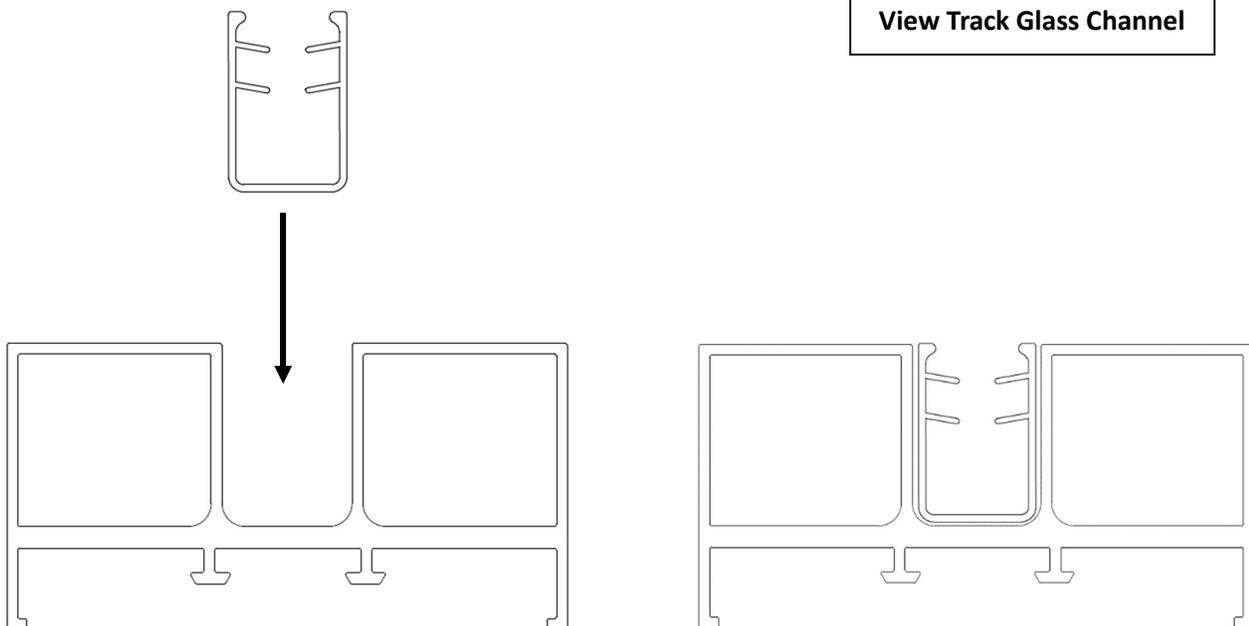
The Glass Channel can be installed once the framing has been completed.

Fig. 52



View Track Glass Channel

Fig. 53



View Wall-Start Glass Channel

Nxtwall Installation Instruction

Glass Channel Installation: View Track

52. To measure for the Glass Channel for the View Track attached to ceiling measure from the Wall-Start to Wall-Start and add 1 ¾". Fig. 54.

- a. Each end of the Glass Channel will be inside the Wall-Start.

53. Prior to installing the Glass Channel mark the attaching screw locations. Once determined notch out the screw locations on the Glass Channel. Fig. 55.

- 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.

54. Remove the backing tape from the Glass Channel and insert it into the View Track in the proper location. Fig. 56.

- 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. 54

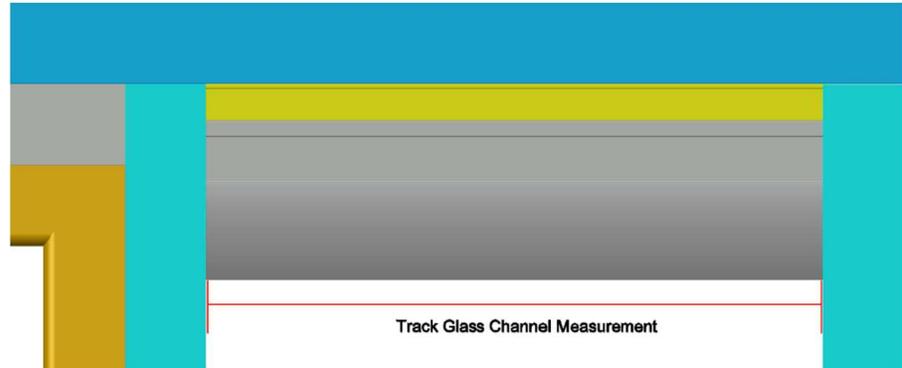


Fig. 55

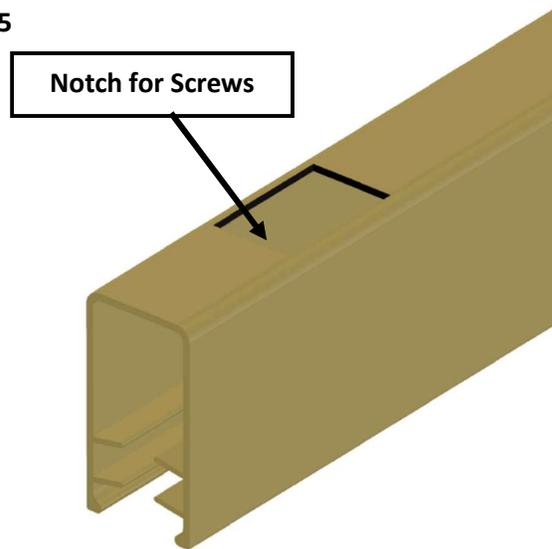
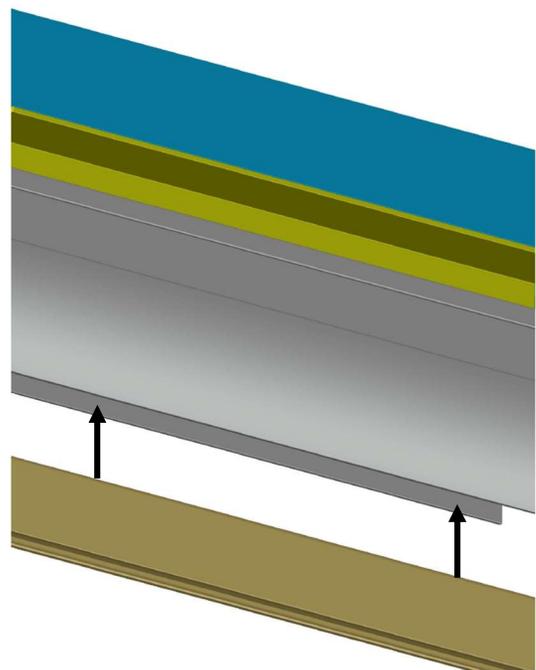


Fig. 56



Nxtwall Installation Instruction

55. 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. 57.

- a. Each end of the Glass Channel will be inside the Wall-Starts.

56. Remove the backing tape from the Glass Channel and insert it into the View Track in the proper location. Fig. 58.

- 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.

57. View Track Glass Channel installation complete.

Fig. 57

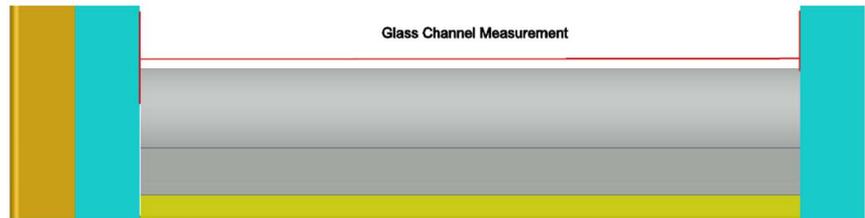
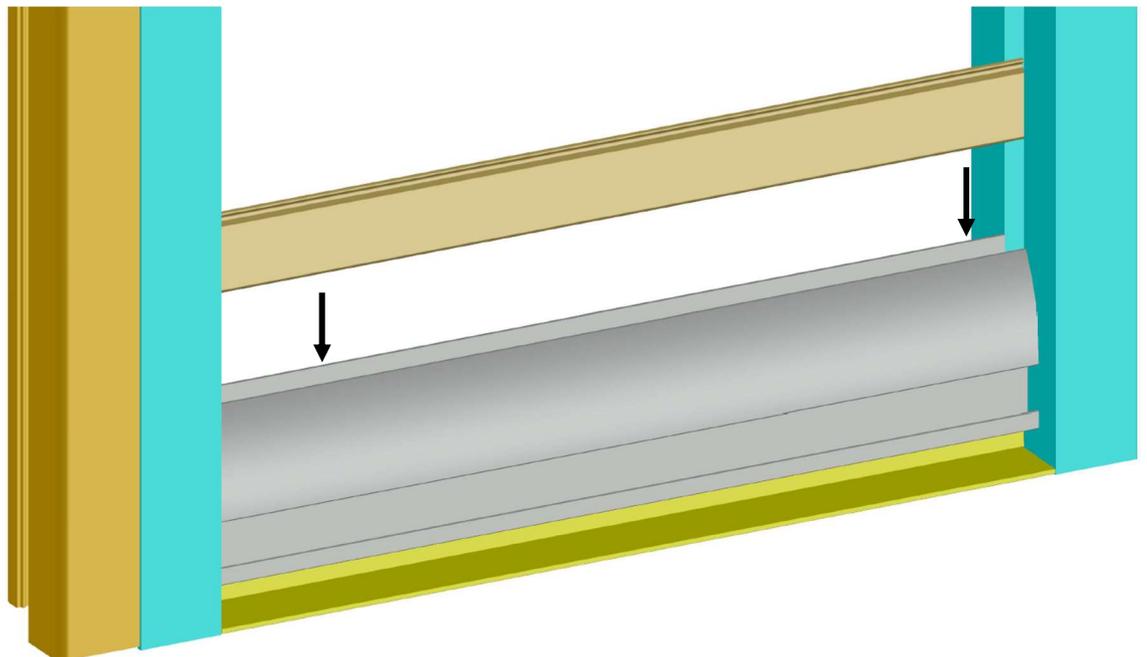


Fig. 58



Nxtwall Installation Instruction

Glass Channel Installation: View Wall-Start

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

58. 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. 59.

- a. Make sure to use the Glass Channel with "Wall-Start" printed on the side.

59. 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.

60. Remove the backing tape from the Glass Channel and insert it into the Wall-Start in the proper location. Fig. 60.

- 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.

61. Repeat this process for the opposite side of the opening.

62. Wall-Start Glass Channel installation complete.

Fig. 59

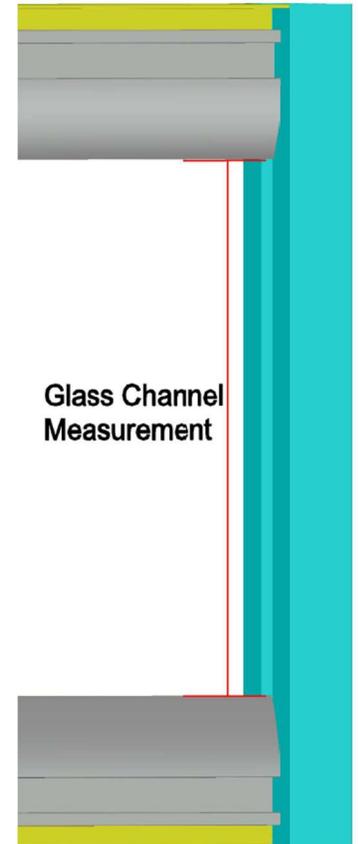
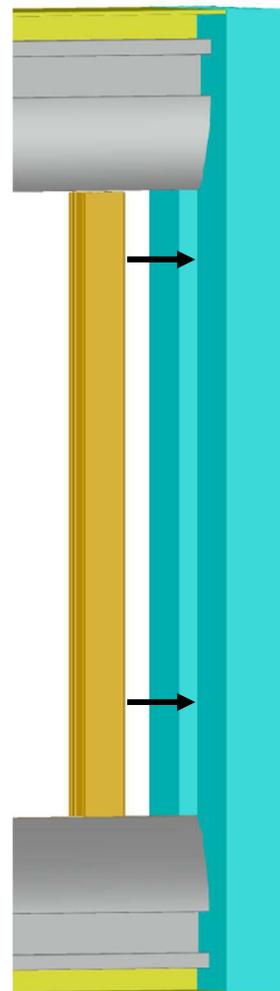


Fig. 60



****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

63. With the Glass Channel in place the shims for the glass panels can be installed.
- The shims are 1/2" W x 3/4" H. Fig. 50.
 - Use two shims per pane of glass. The shims need to be on each corner of the glass.
 - The shims will only be installed in the View Track on the Floor.
 - The shims can be cut in half if needed.
64. To install the shims press the shims into the Glass Channel/View Track. Fig. 62.
- Before installing the glass space the shims to ensure the shims are on each corner of the glass.

Fig. 61

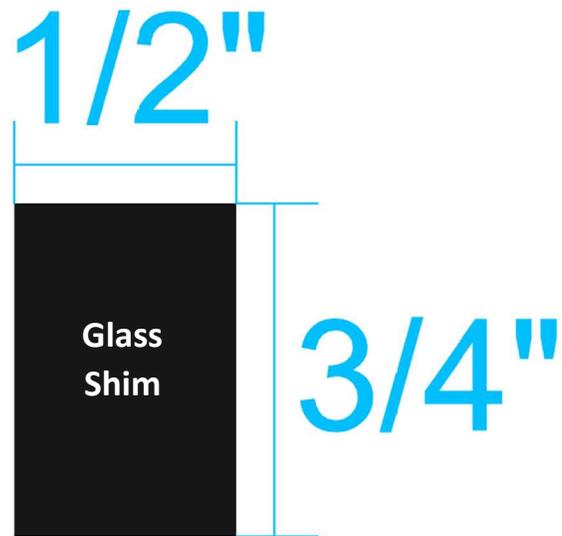
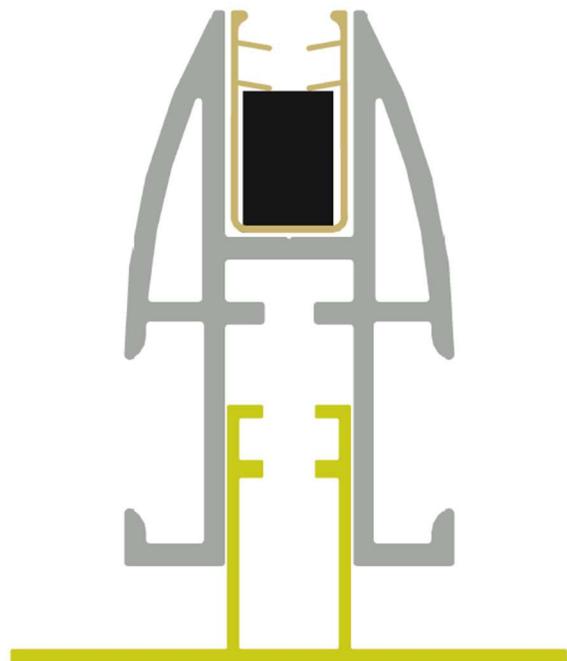
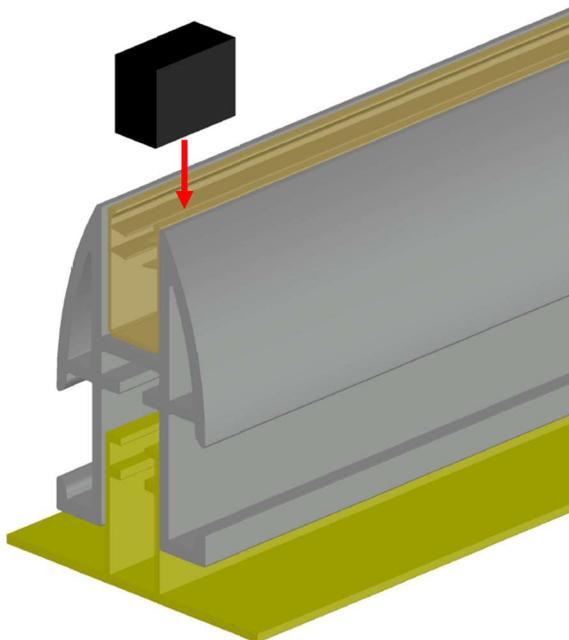


Fig. 62



Nxtwall Installation Instruction



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01/2024

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.

- Measure for the glass panels and doors.
- Install doors and door hardware.