

Nxtwall Installation Instruction

Installation Scenario:

View Series with Sliding Door

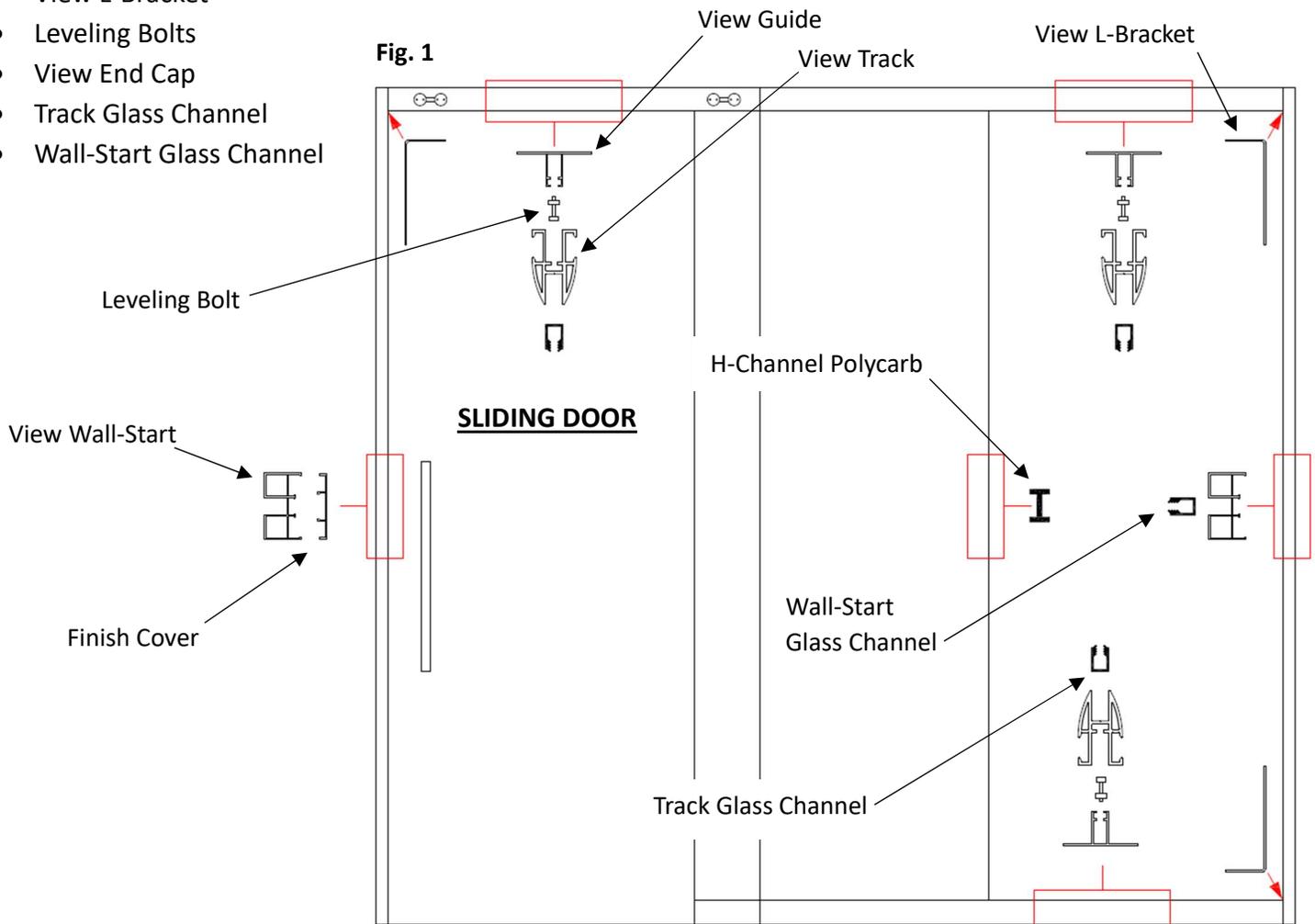
- This guide covers how to frame for this scenario only, does not include glass or door installation.

Nxtwall Components Covered by this Instruction:

- View Wall-Start
- View Track
- View Guide
- Finish Cover
- View L-Bracket
- Leveling Bolts
- View End Cap
- 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.

Installation Procedure:

1. Measure for vertical View Wall-Starts
 - a. Measurement is from Floor to Ceiling. Fig. 2.
2. Determine the orientation of the Wall-Starts. Fig. 3.
 - a. On the Door Opening side the "Stud Side" of the Wall-Start will be facing the center of the opening.
 - b. On the Non-Door Opening side the "Glass Side" of the Wall-Start will be facing the center of the opening.

Fig. 3

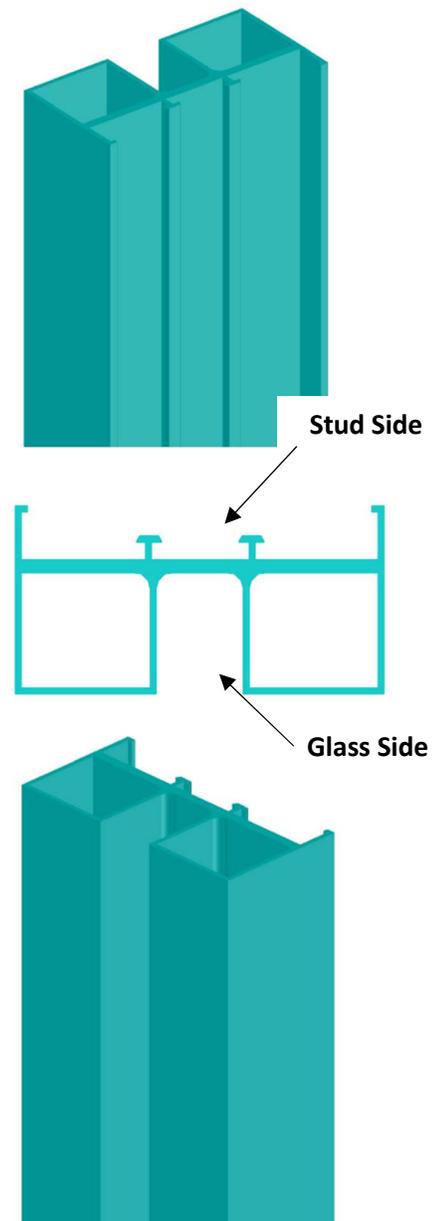
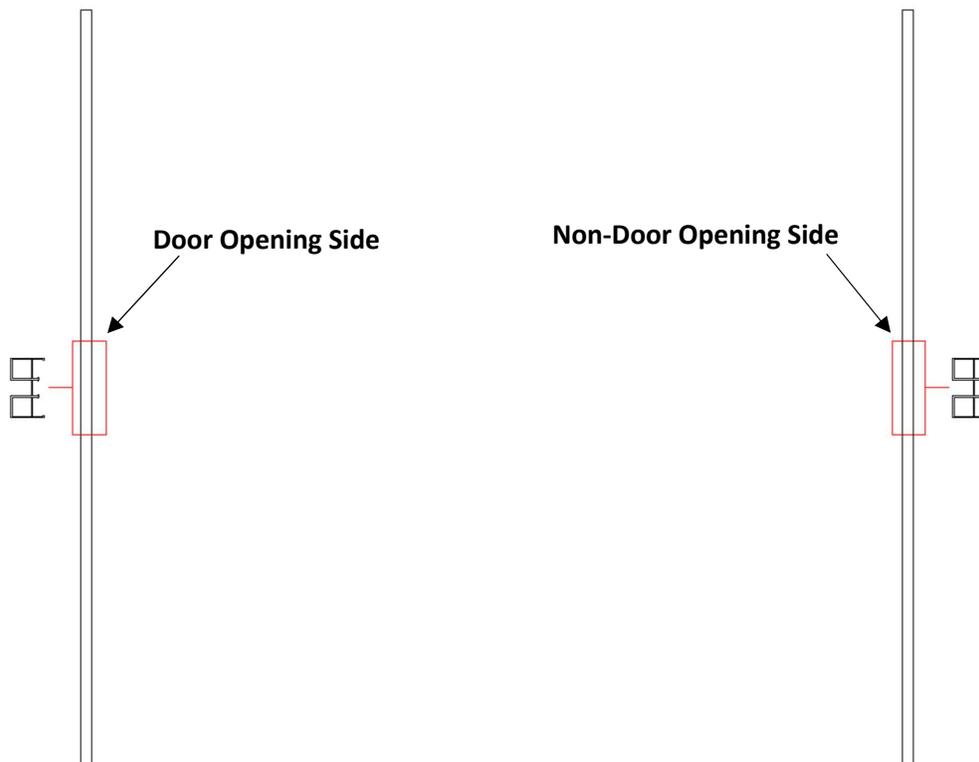


Fig. 2



Nxtwall Installation Instruction

3. Attach Wall-Starts to the existing wall(s)

- a. Make sure the Wall-Starts are plumb. This is especially important on the door side of the opening. The door slides to the Wall-Start, if the Wall-Start is not plumb it will create an uneven gap between the sliding door and Wall-Start. Fig. 4.
- 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.
- c. If the partition requires multiple lengths of View Track and Guide the View Track and Guide can be cut together BUT the splices MUST be offset between the View Track and View Guide. The splice cannot be within the sliding door opening.

Fig. 4

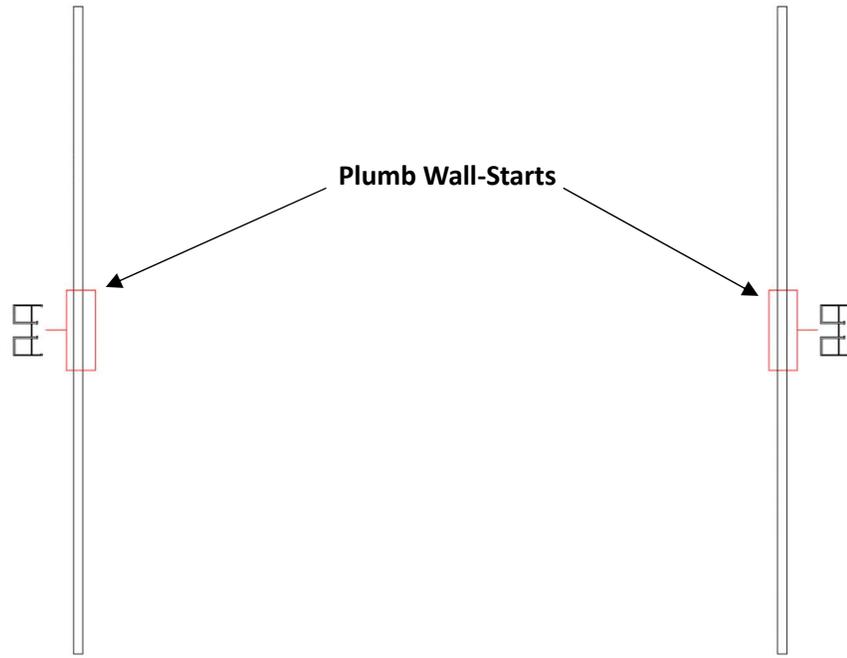
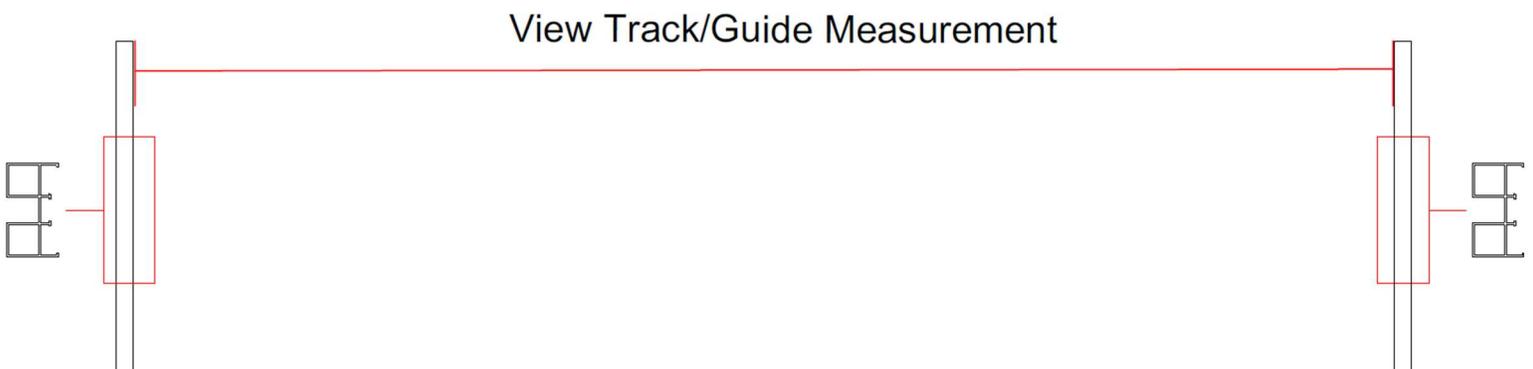


Fig. 5



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

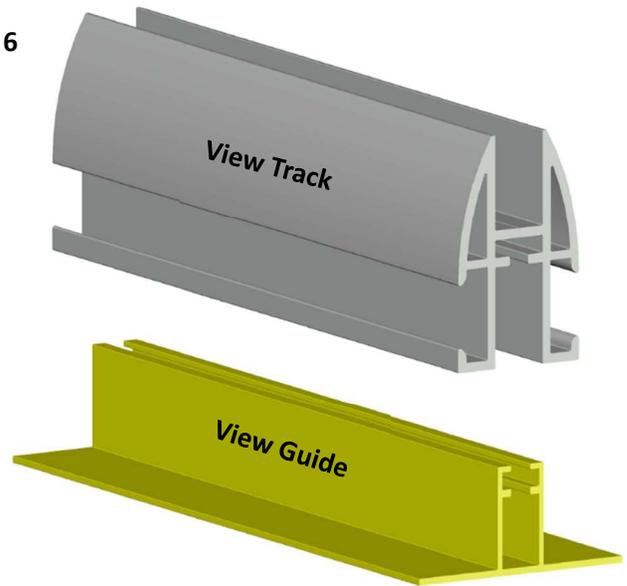


Fig. 7

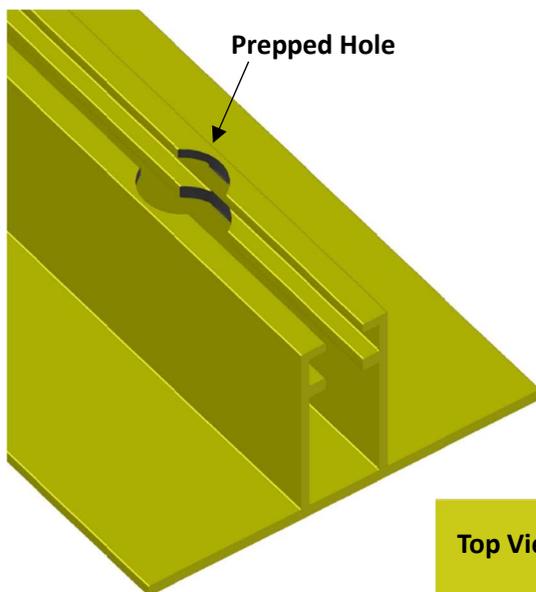
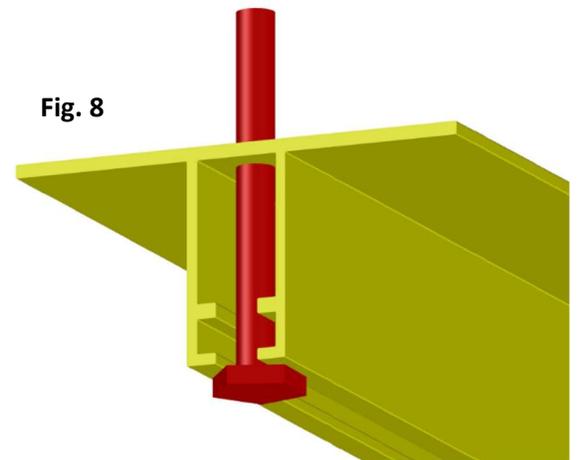
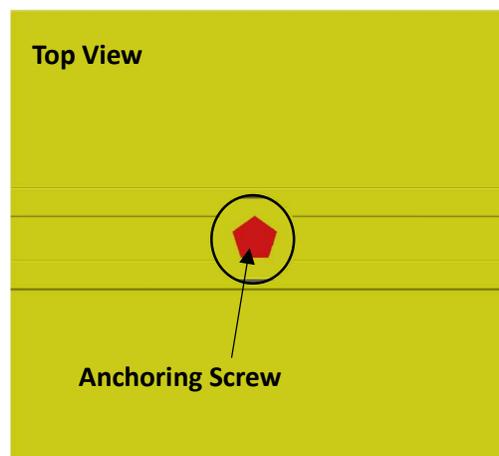


Fig. 8



Top View



Nxtwall Installation Instruction

7. Slide Leveling Bolts into the View Guide.

Fig 9.

- a. Do not include a leveling bolt within the walkthrough section of the door opening, reasoning to be explained later in the guide.
- b. The Leveling Bolts will need to be installed every 3'-4'.
- c. 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 (2) into each end of the View Guide. Fig. 10.

9. See Fig. 11 for Leveling Bolt and L-Bracket placement.

Fig. 9

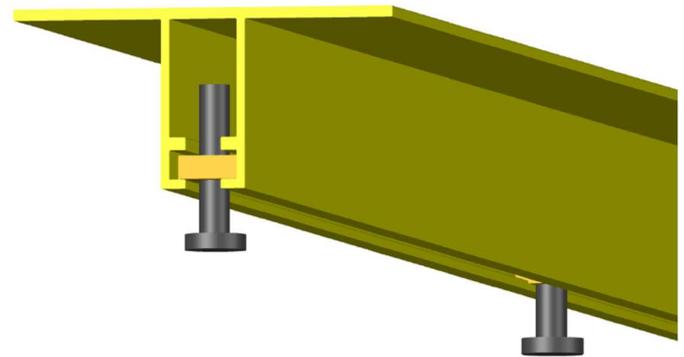


Fig. 10

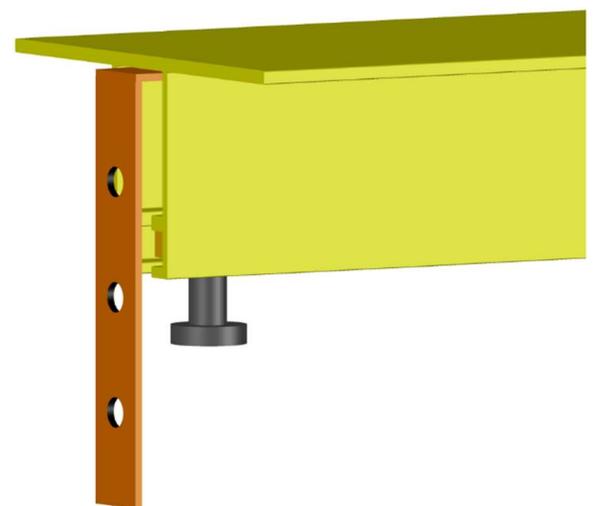


Fig. 11



Nxtwall Installation Instruction

10. Place View Guide against the ceiling.
Make sure the edge of the View Guide is flush with the edge of the View Wall-Start. Attach View Guide to the ceiling.
Fig. 12.

11. 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. Repeat this step on the opposite end. Fig. 13.

Fig. 13

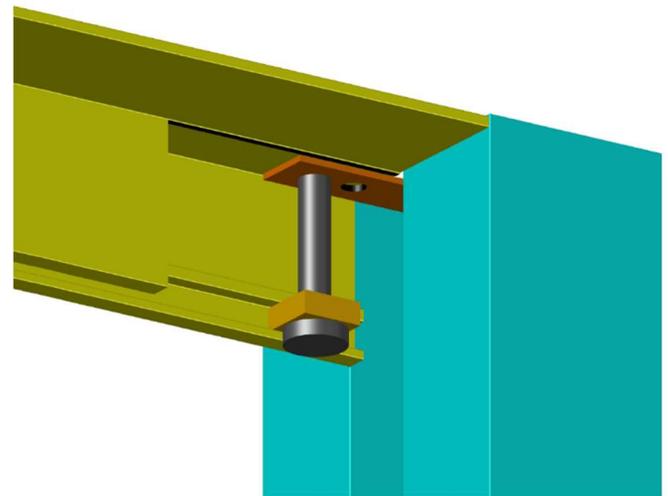
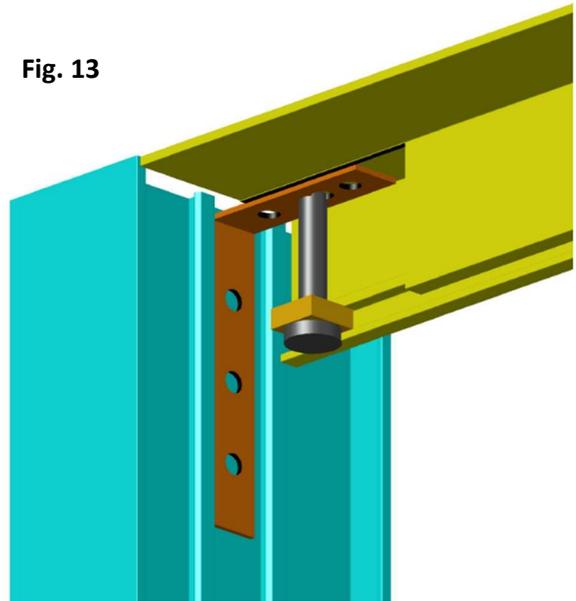
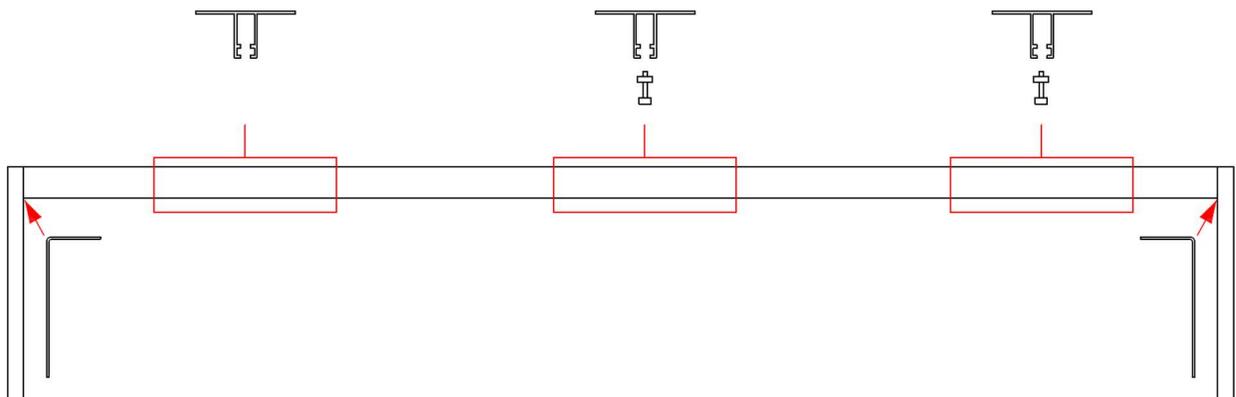


Fig. 12



Nxtwall Installation Instruction

12. **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 proper function of the sliding door.
 - When the View Track is installed there must be a minimum 3/8" Air Gap between the View Track and View Guide (Fig. 14).
 - To achieve this, set the first leveling bolt at 3/8" to the top of the bolt on the door opening side (Fig. 15).
 - 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. 16.

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

Fig. 14

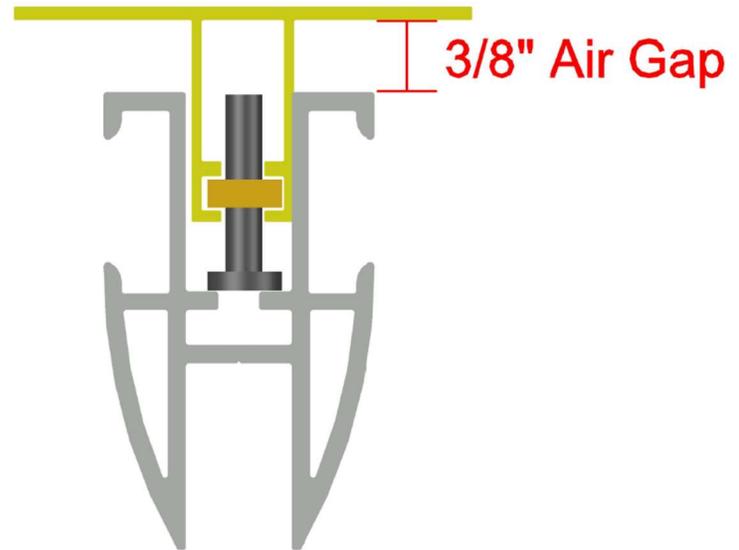


Fig. 15

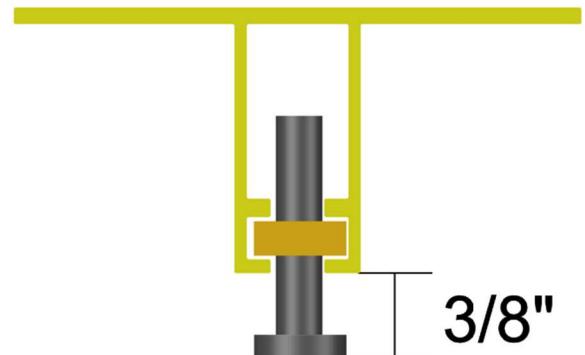
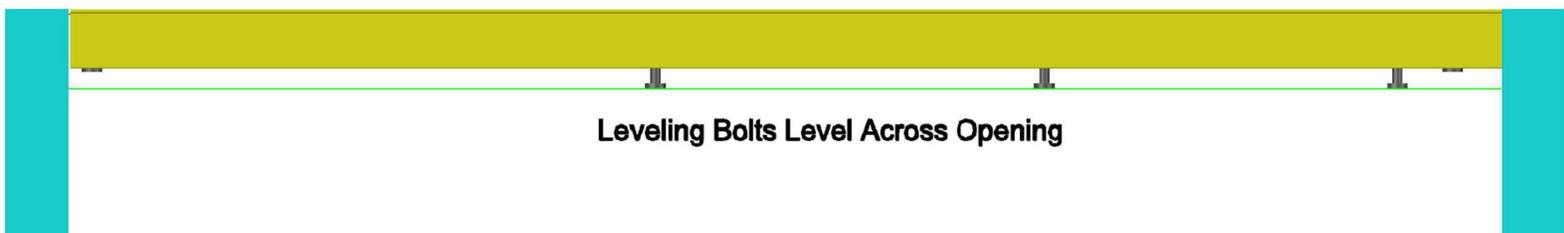


Fig. 16



Nxtwall Installation Instruction

13. Measure for the Finish Cover on the door opening side of the partition.

- a. The measurement will be Floor to Ceiling. Fig. 17.

14. Install the Finish Cover onto the “stud side” of the Wall-Start. Fig. 18A/B.

- a. To bypass the View L-Bracket the Finish Cover will need to be notched at the top. This will allow the Finish Cover to go to the ceiling.
- b. To notch the Finish Cover use a cut off piece of View Guide as a template. Trace the center section of the View Guide and remove using a set of tin snips and pliers. Fig. 19.
- c. To install the Finish Cover, place the Finish Cover on the center of the Wall-Start. Using a rubber mallet strike the center of the Finish Cover.

Fig. 17

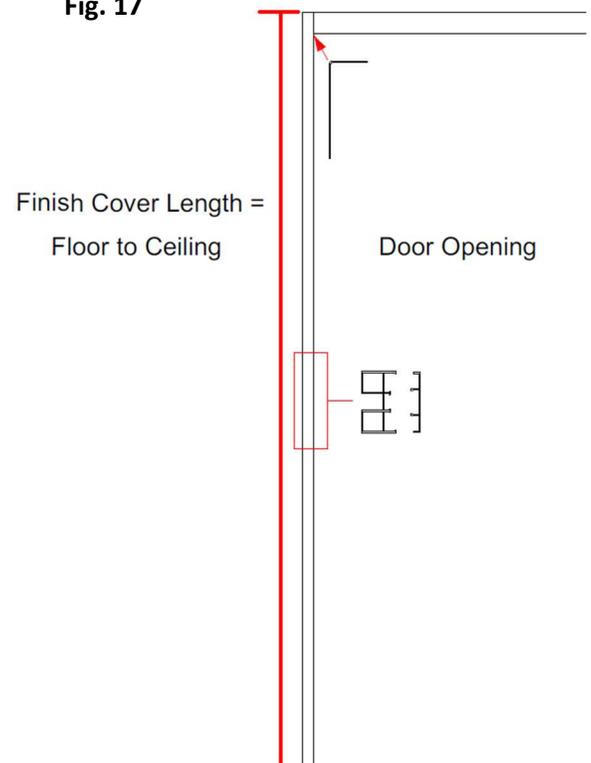


Fig. 18A

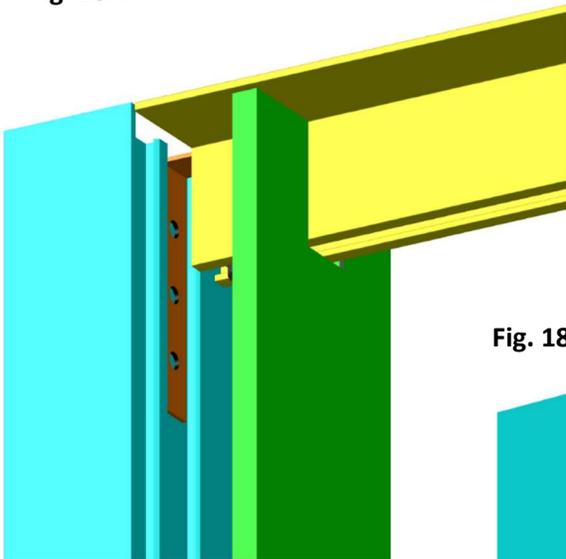


Fig. 18B

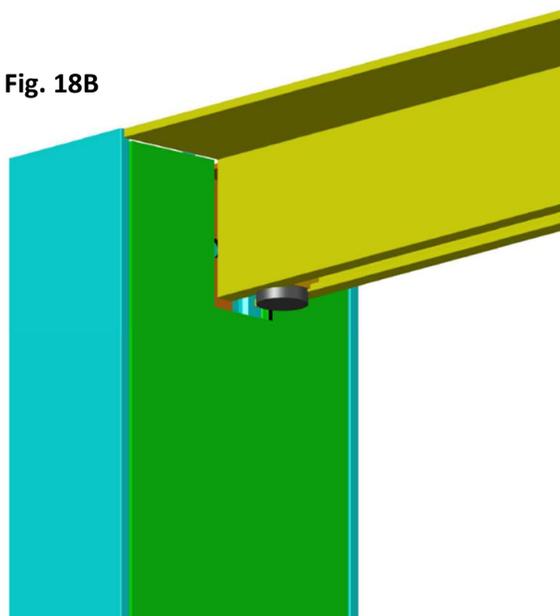
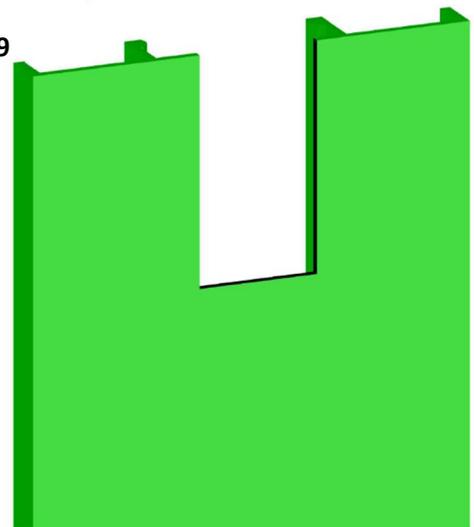


Fig. 19



Nxtwall Installation Instruction

15. Prep the View Track for installation.
- On the door opening side pre-drill a 1/4" hole approximately 6" from the end of the View Track.
 - The next hole drilled will be approximately 42" from the end of the View Track. From there, drill holes every 3'-4'.

16. Attach View Track to View Guide using the 4" attaching screws. Fig. 21.
- When attaching the View Track run the screws to tighten the View Track to the Leveling Bolts. Do not overtighten.
 - For the hole drilled 6" from the end of the track install a 4" attaching screw. Tighten the screw until the View Track is level. This screw will be used as a "adjustment screw" once the door is installed. If the View Track needs to be leveled once the door is installed this screw can be used to re-level the View Track.

17. Ensure the View Track is level.

Fig. 20

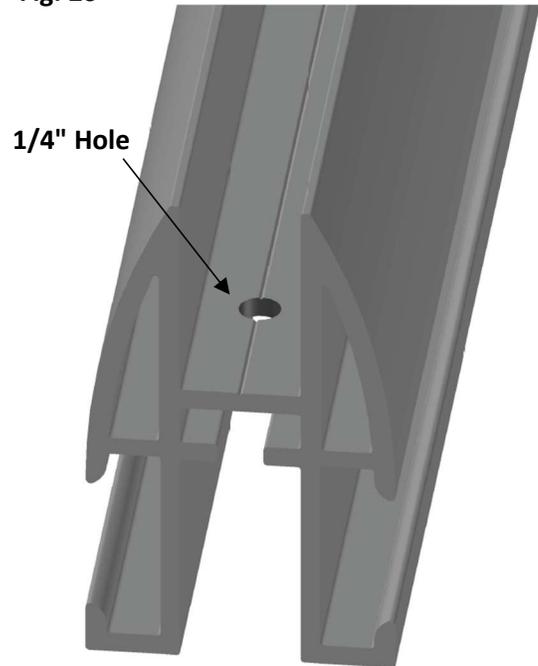
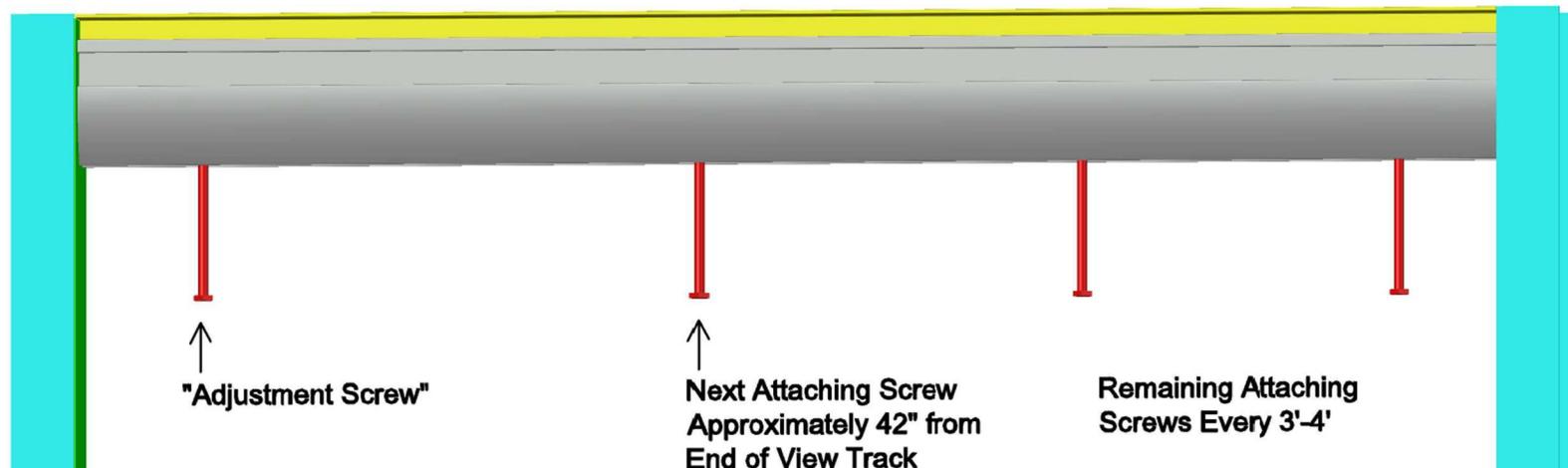


Fig. 21



Nxtwall Installation Instruction

18. Install View Saddle. Fig. 22.

- The purpose of the View Saddle is to keep the View Track level.
- Slide the center of the View Saddle into the center of the View Track.
- Ensure the saddle is square and mark the hole locations.
- Pre-drill holes using a 5/32" drill bit.
- Attach the saddle to the Finish Cover/Wall-Start using 1 1/2" Taper Headed Screws.

19. Set door opening spacing. Fig. 23.

- Door opening measurement: 3' 2" (38"). Measuring points shown in Fig. 23.
- Mark the floor at the 3' 2" location.
- Note: There are occasions when the door opening is larger than 3' 2", reference the drawing for the opening width.

Fig. 22

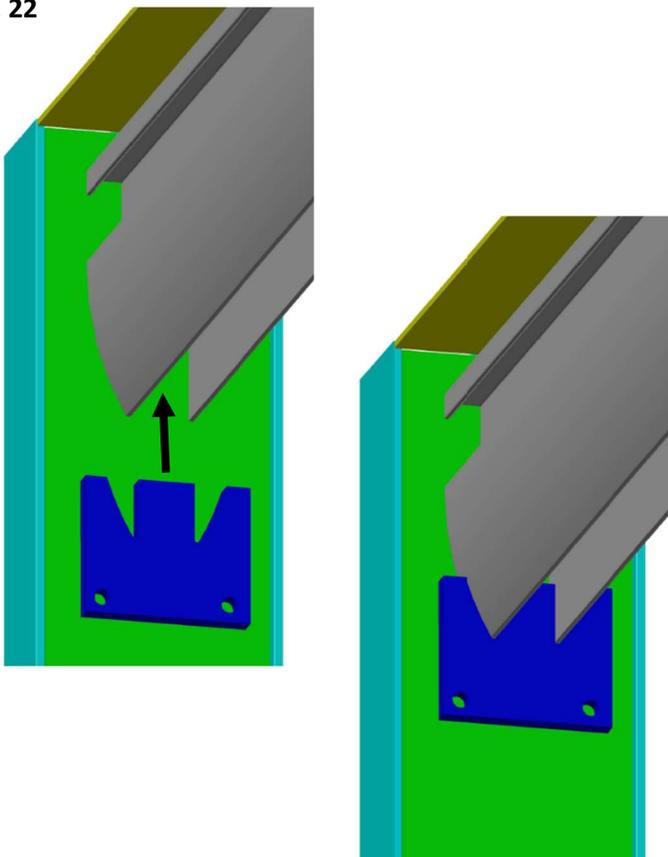
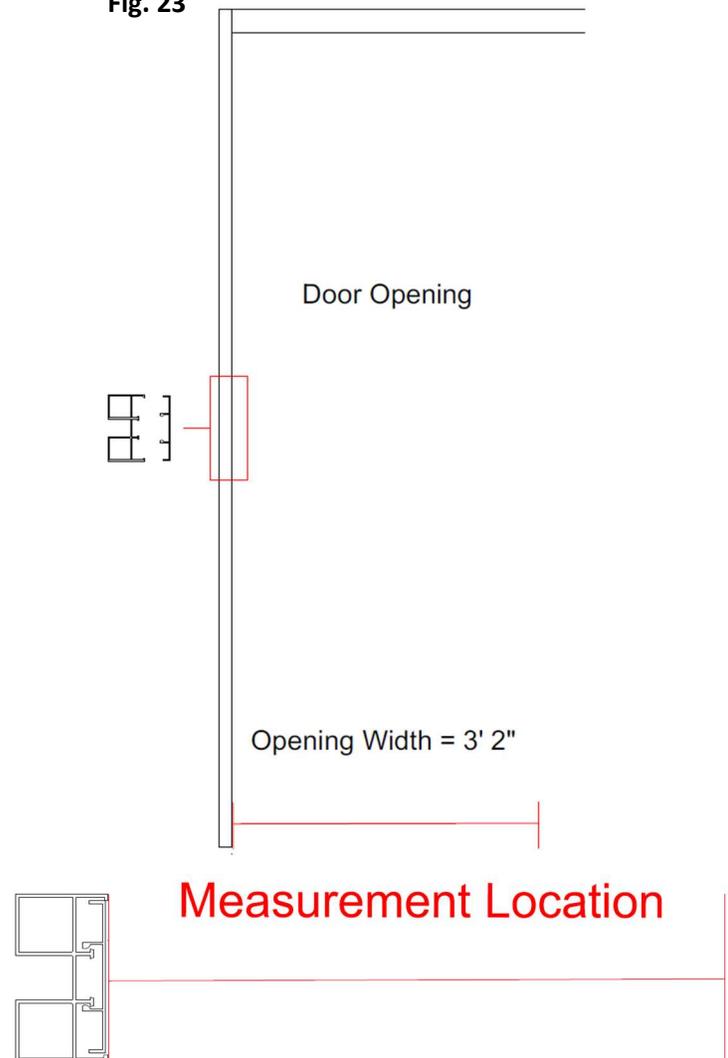


Fig. 23



Nxtwall Installation Instruction

20. Measure for the View Track and Guide attaching to the floor. Fig. 24.
- The measurement will be from the Wall-Start to the marked door opening location.
 - Same as the View Track/Guide at the ceiling the View Track/Guide can be cut to the same length for the floor.
21. Separate the View Guide from the View Track.
- The View Guide will be attached to the floor first.
22. Slide Leveling Bolts into the View Guide. Fig. 25.
- The Leveling Bolts will need to be installed every 3'-4'.
 - Include a Leveling Bolt on the end of the View Guide, this will be used for the View L-Bracket.
23. Slide View L-Bracket into the end of the View Guide. Fig. 26.

Fig. 24

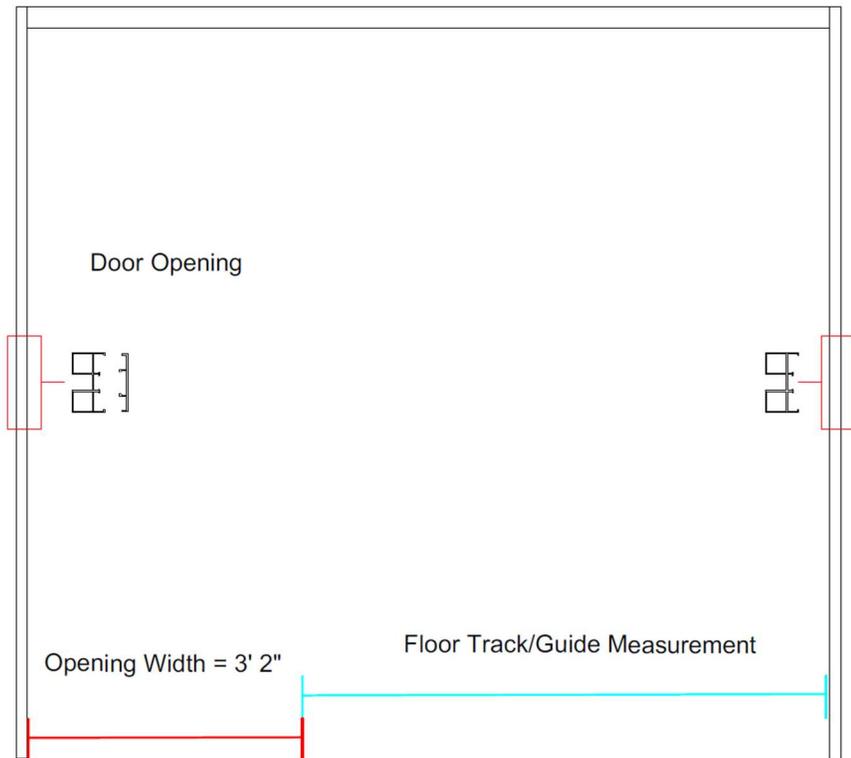


Fig. 25

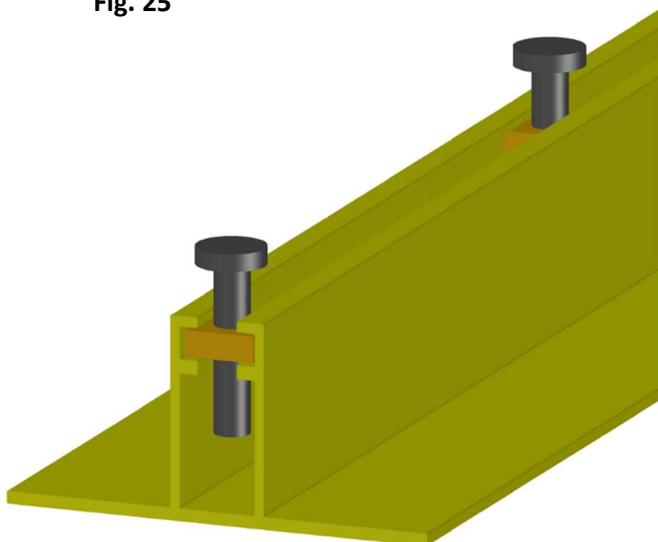
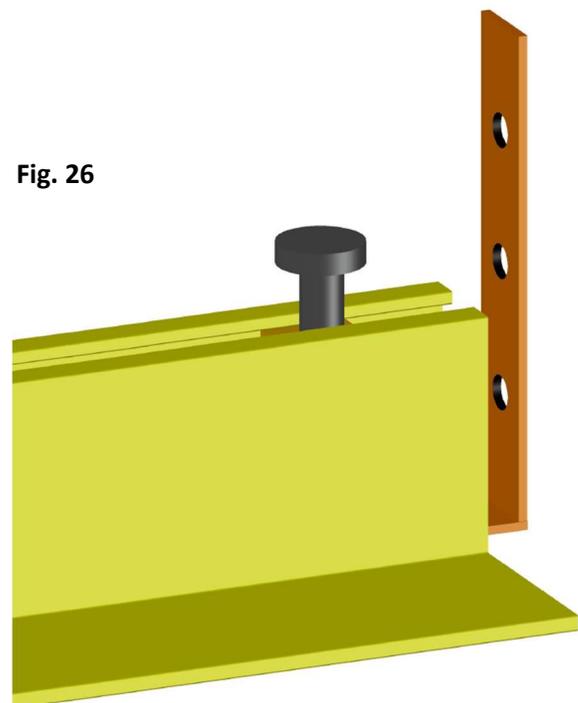


Fig. 26



Nxtwall Installation Instruction

24. 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.
25. 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. 27.
26. Attach the View Guide to the floor.
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. 28.

Fig. 28

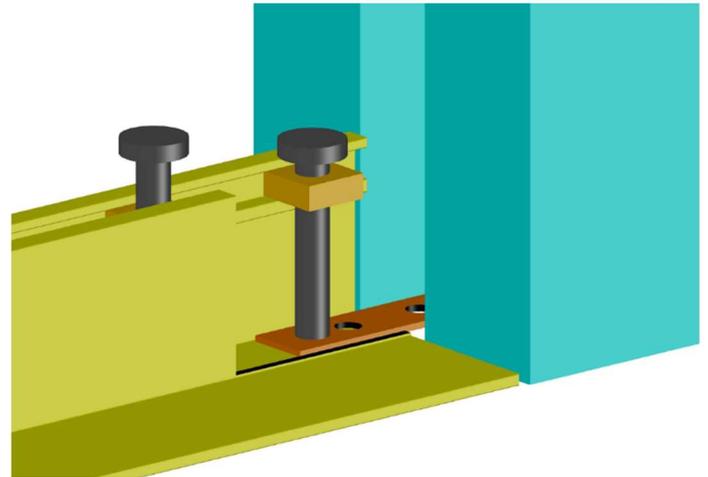
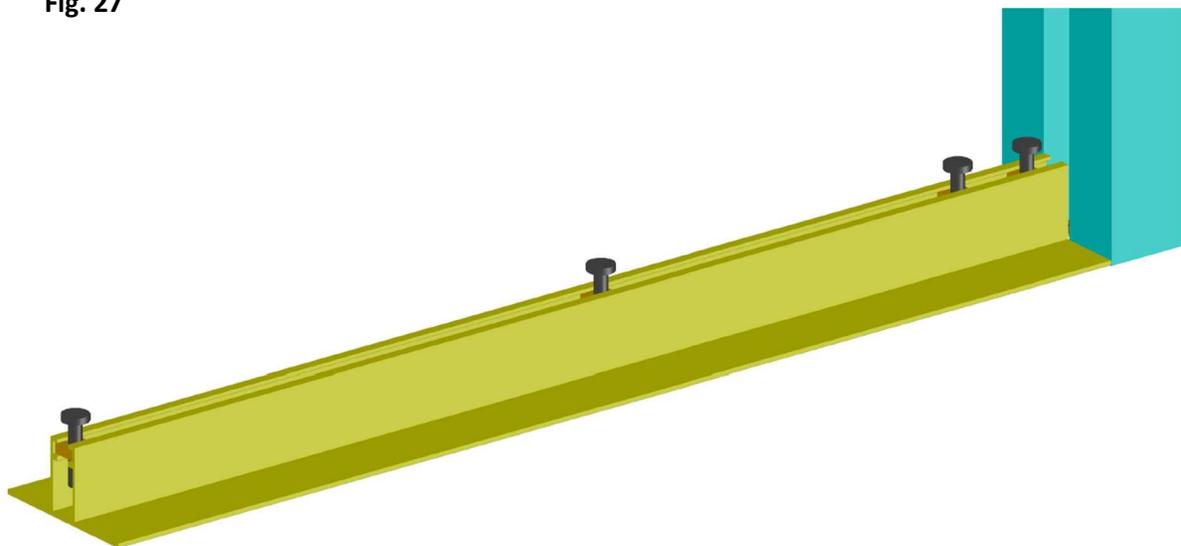


Fig. 27



28. **Important Step:** Same as the ceiling adjust the Leveling Bolts in the View Guide. The Leveling Bolts must be level across the opening. Fig. 29.

- a. The purpose of the Leveling Bolts is to level the View Track. This helps with proper function of the sliding door and creates a square opening for the glass.
- 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.

29. Place the View Track onto the Leveling Bolts/View Guide. Fig. 30.

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

30. Ensure the View Track is level.

Fig. 30

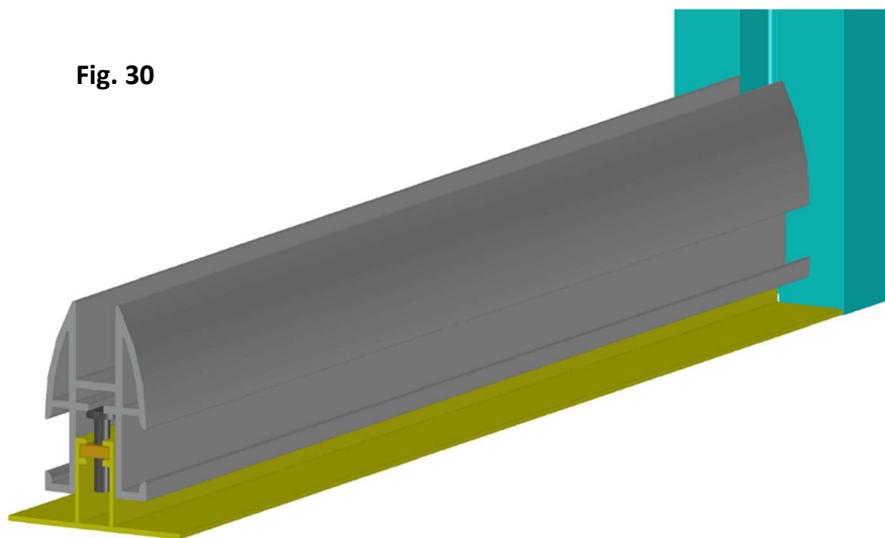
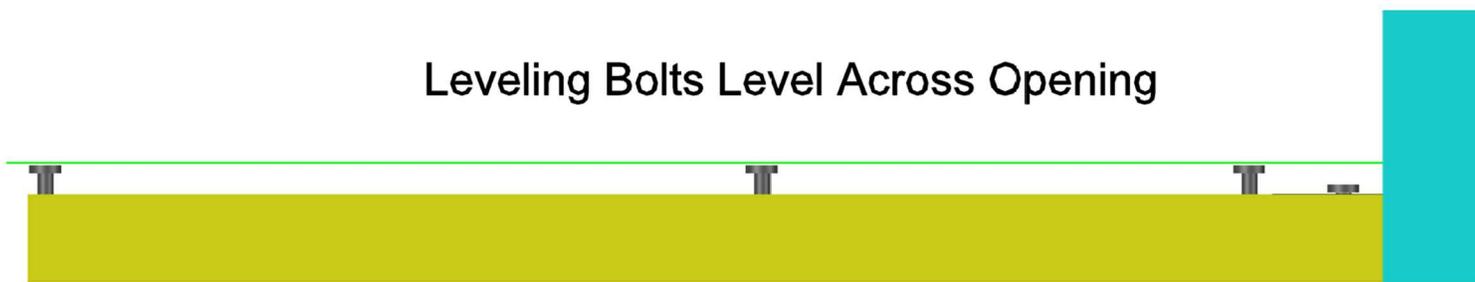


Fig. 29

Leveling Bolts Level Across Opening



Nxtwall Installation Instruction

31. Install View End Cap.

- a. The View End Cap is used to finish the end of the View Track/Guide on the door opening side. Fig. 31.
- b. The View End Cap will need to be cut to size. The measurement will be from the floor to the top edge of the View Track. Fig. 32.
- c. Cut the View End Cap.
- d. Press the plastic insert into the View Track. Attach End Cap to the View Track with the taper headed screw. Fig. 33.

Fig. 31



View End Cap

Fig. 32

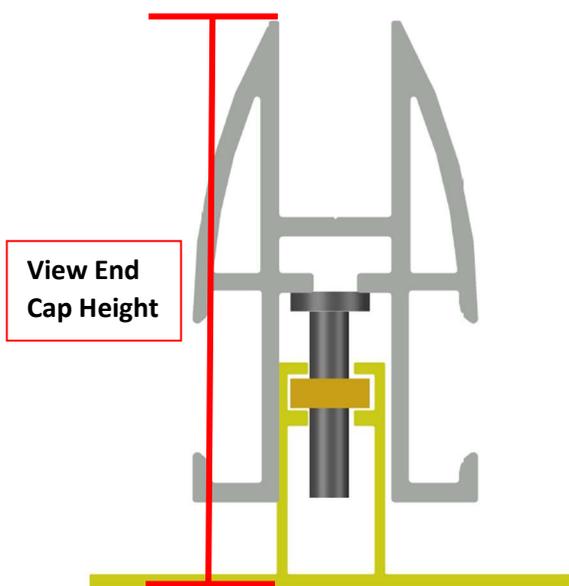
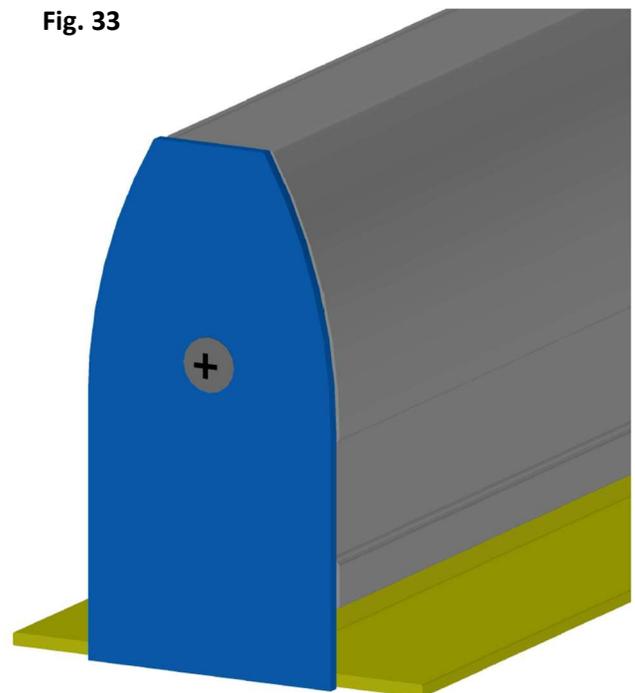


Fig. 33



Nxtwall Installation Instruction

Glass Channel Installation

There are two different profiles of Glass Channel.

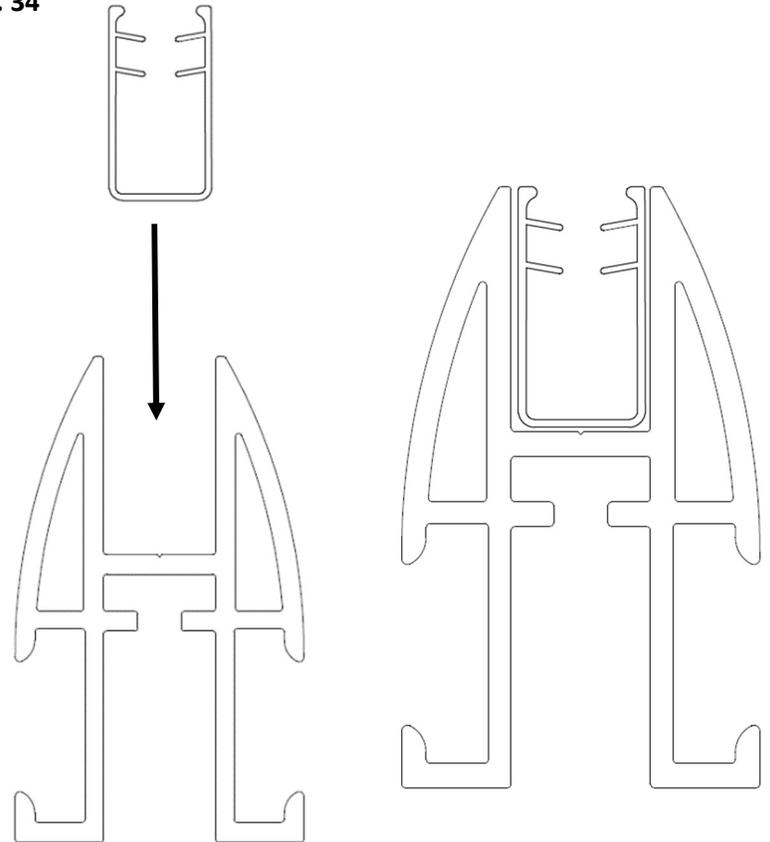
- View Track Glass Channel (Fig. 34).
- View Wall-Start Glass Channel (Fig. 35).
 - o To differentiate the two different profiles "WALL-START" is printed on the side of the Wall-Start Glass Channel.

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.

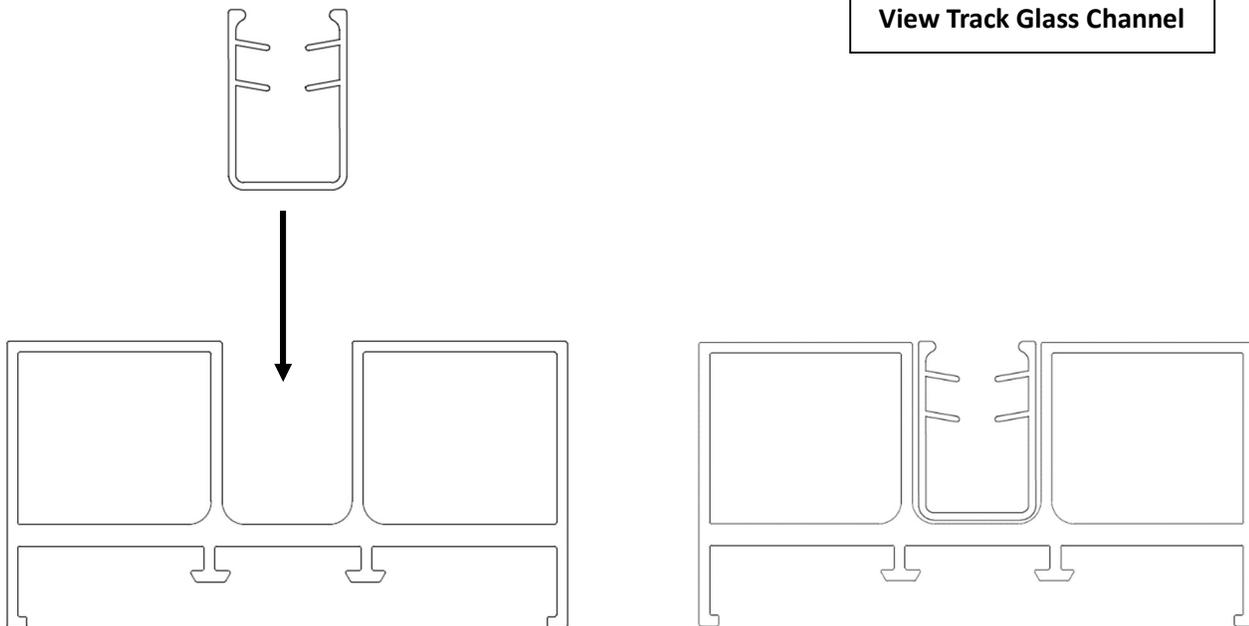
The Glass Channel can be installed once the framing has been completed.

Fig. 34



View Track Glass Channel

Fig. 35



View Wall-Start Glass Channel

Glass Channel Installation: View Track

32. To measure for the Glass Channel for the View Track attached to ceiling measure from the Wall-Start to the Door Opening and add 1". Fig. 36.

- Mark the edge of the Door Opening for the measurement.
- The Glass Channel will not be installed within the 3' 2" walkthrough opening.
- One end of the Glass Channel will be inside the Wall-Start.

33. Prior to installing the Glass Channel mark the attaching screw locations. Once determined notch out the screw locations on the Glass Channel. Fig. 37.

- Notching out the screw locations will allow the Glass Channel to sit flat inside the View Track.
- 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.

34. Remove the backing tape from the Glass Channel and insert it into the View Track in the proper location. Fig. 38.

- 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. 36



Fig. 37

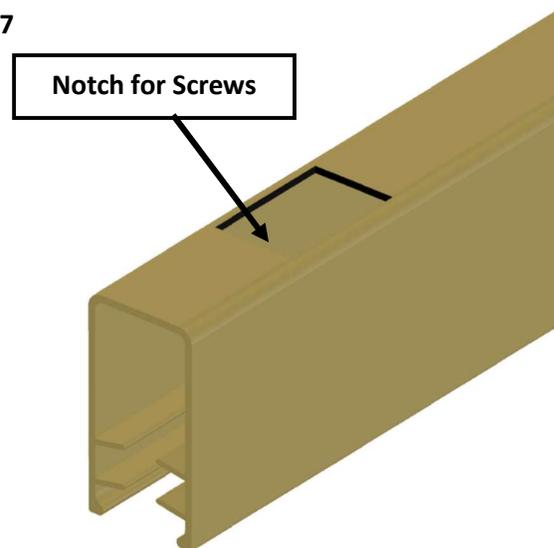
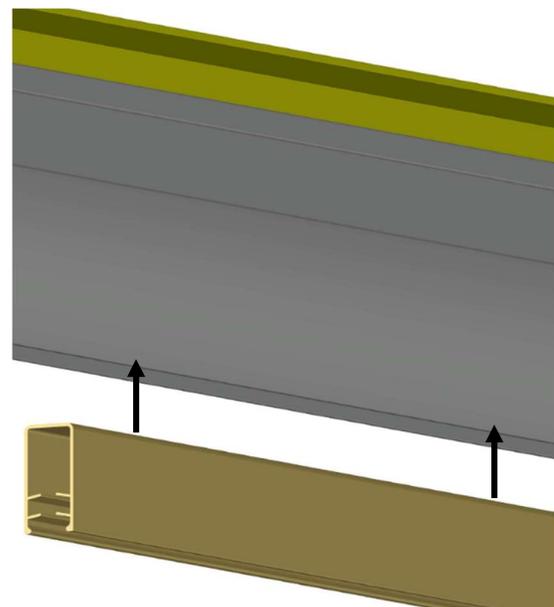


Fig. 38



Nxtwall Installation Instruction

35. To measure for the Glass Channel for the View Track at the floor measure from the Wall-Start to the end of the View Track and add 1". Fig. 39.

- a. The end of the Glass Channel will be inside the Wall-Start and butt into the View End Cap.

36. Remove the backing tape from the Glass Channel and insert it into the View Track in the proper location. Fig. 40.

- 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.

37. View Track Glass Channel installation complete.

Fig. 39

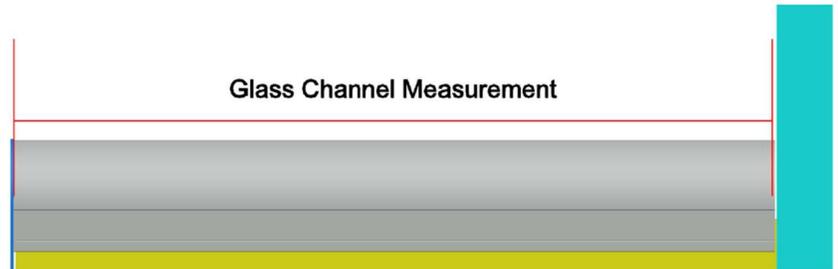
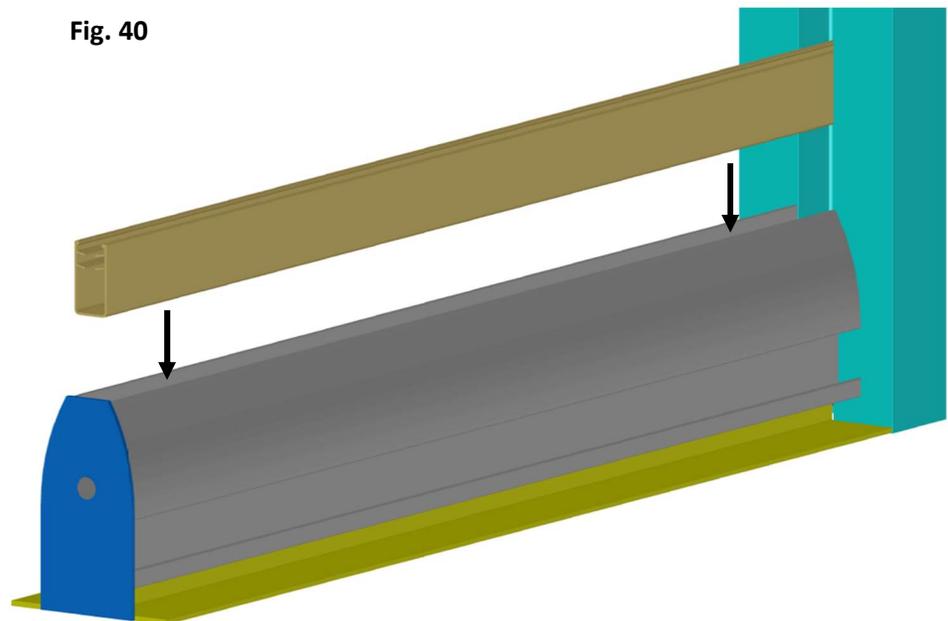


Fig. 40



Nxtwall Installation Instruction

Glass Channel Installation: View Wall-Start

38. 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. 41.

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

39. 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.

40. Remove the backing tape from the Glass Channel and insert it into the Wall-Start in the proper location. Fig. 42.

- 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.

41. Wall-Start Glass Channel installation complete.

Fig. 41

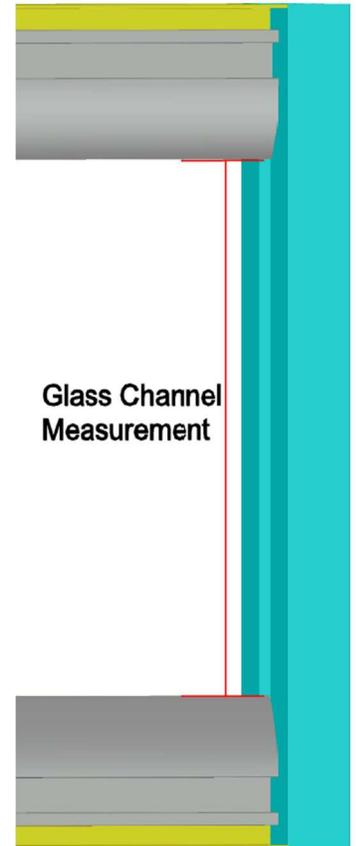
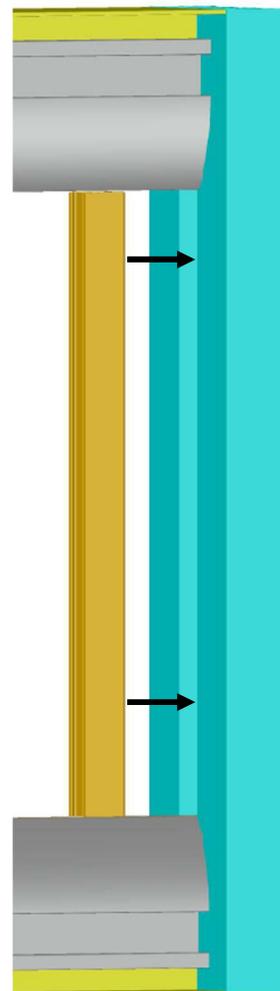


Fig. 42



Glass Shim Installation

42. 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. 43.
 - 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.
43. To install the shims press the shims into the Glass Channel/View Track. Fig. 44.
- Before installing the glass space the shims to ensure the shims are on each corner of the glass.

Fig. 43

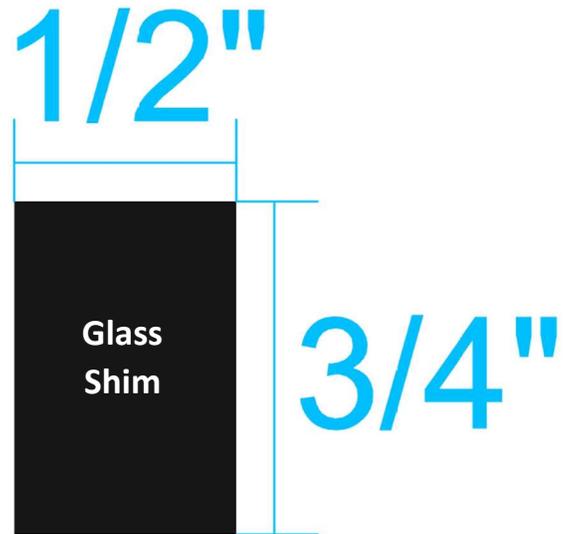
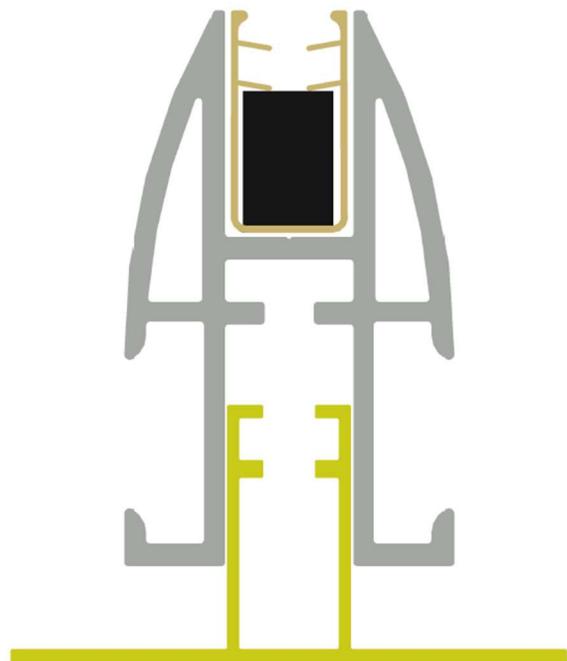
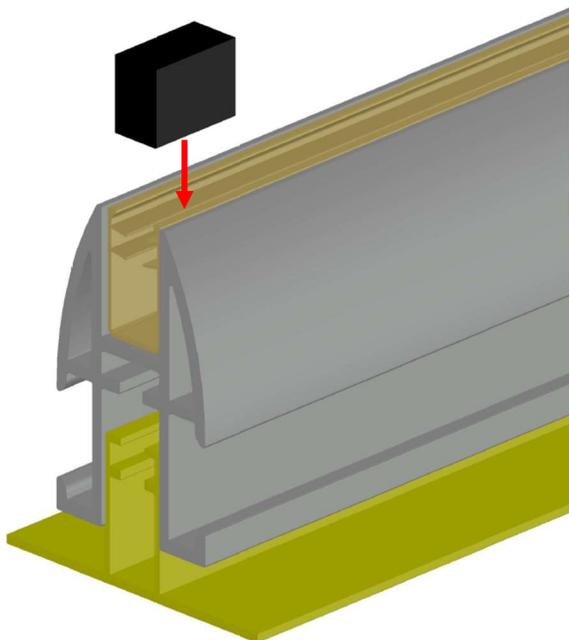


Fig. 44



Nxtwall Installation Instruction



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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.

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