

Nxtwall Installation Instruction

Installation Scenario:

View Series with Full Swing Door with a Framed Opening.

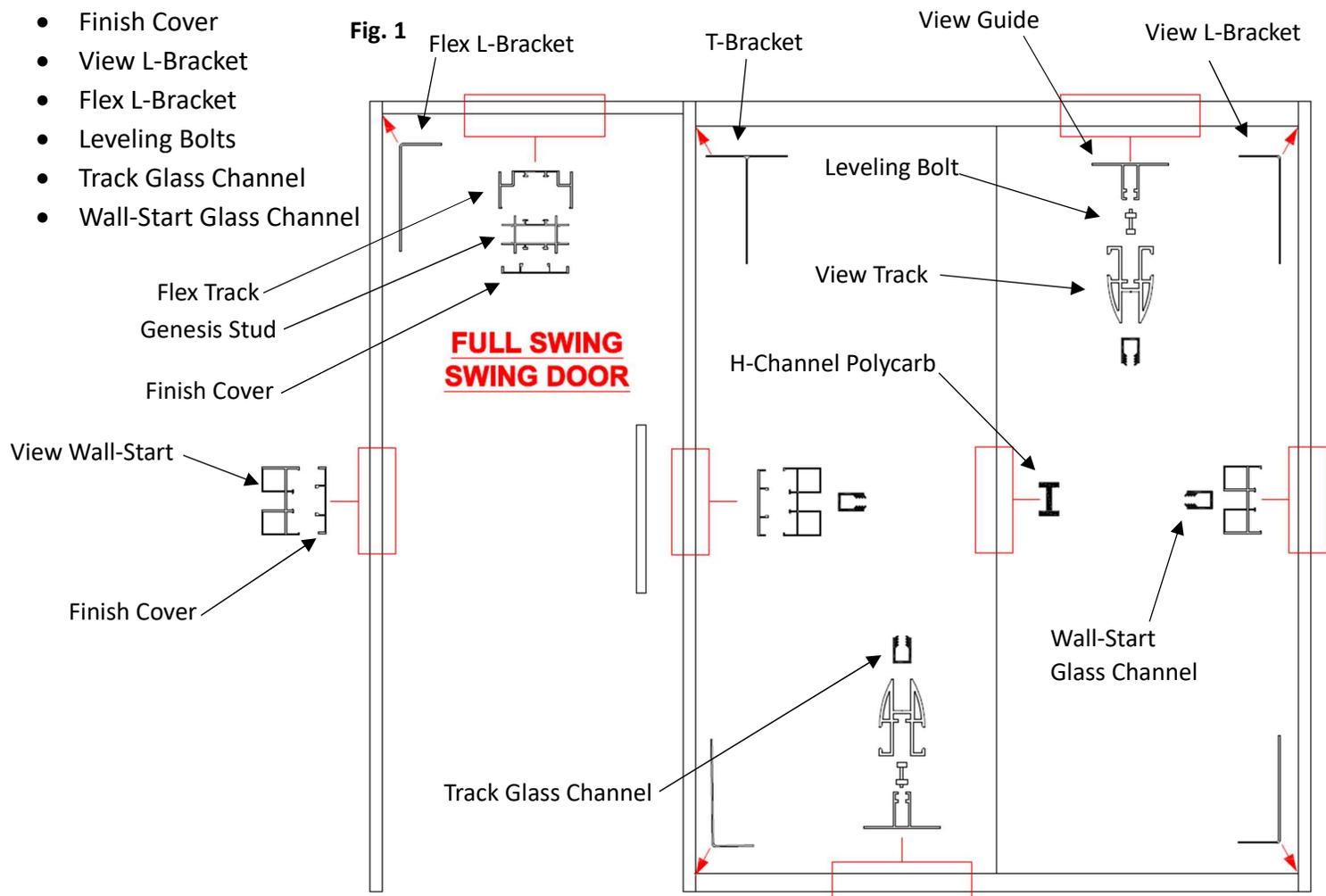
- This guide covers how to install the framing, glass, and the door for this scenario.

Nxtwall Components Covered by this Instruction:

- View Wall-Start
- View Track
- View Guide
- Flex Track
- Finish Cover
- View L-Bracket
- Flex L-Bracket
- Leveling Bolts
- Track Glass Channel
- Wall-Start Glass Channel

Recommended Installation Tools:

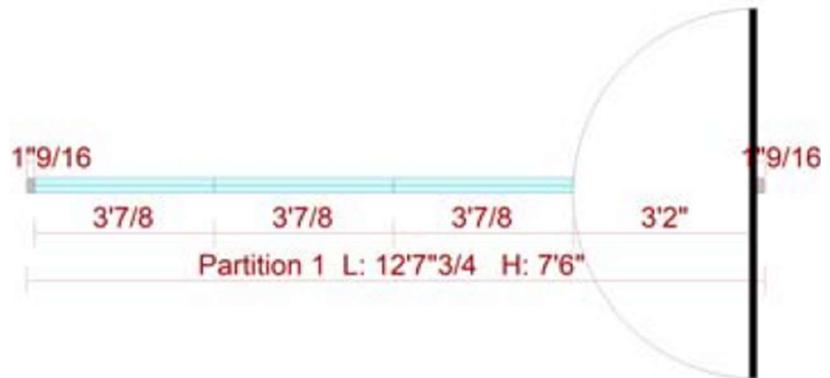
- Miter Saw
- Laser Level (or Level)
- Tape Measure
- Impact Driver and/or Drill
- Nylon Mallet/Rubber Mallet
- Phillips Screwdriver
- Utility Knife
- Hammer Drill
- External Attaching Hardware
 - Note: Nxtwall does not include external attaching hardware.



Nxtwall Installation Instruction

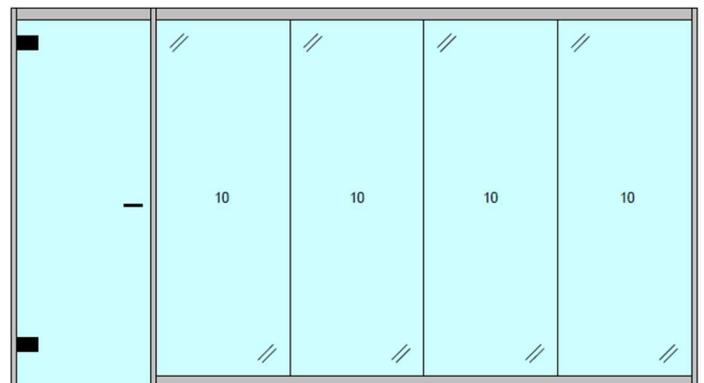
View Series: Full Swing Door – Drawing

On the line drawing the Full Swing Door is shown by the door swinging both inside and outside of the partition.



On the elevation drawing the Full Swing Door is shown with a framed opening.

- Note: There is an option for a frameless door opening for Full Swing Doors. Reference the installation guide for the Frameless Full Swing Door option.



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 the Door Opening side of the Partition.
 - a. Measurement is from Floor to Ceiling. Fig. 2.
 - b. Start with the Wall-Start on the hinge side of the opening.
2. Determine the orientation of the Wall-Starts. Fig 3.
 - 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. 2

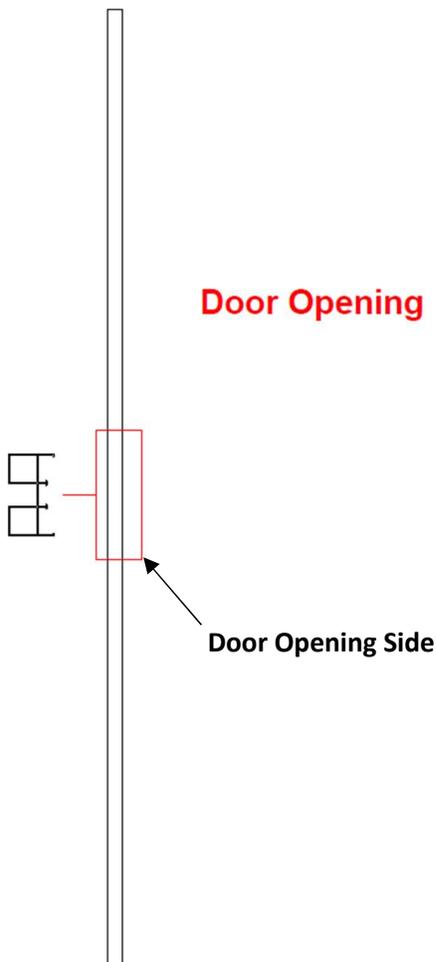
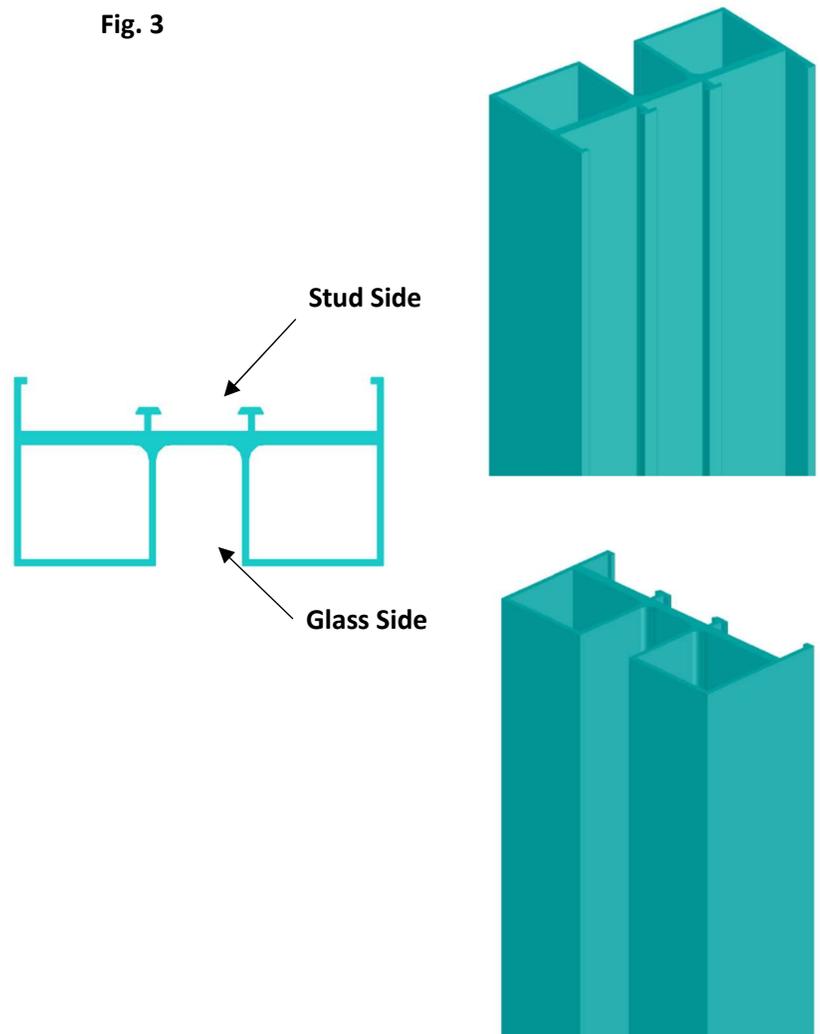


Fig. 3



Nxtwall Installation Instruction

3. Attach the Wall-Start to the existing wall.
 - a. Make sure the Wall-Start is plumb. This is especially important due to the door swinging off this Wall-Start, ensuring the Wall-Start is plumb will ensure the door functions properly. 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 and cut the Flex Track within the Door Opening.
 - a. The Flex Track is used to accept the Door Header.
 - b. For a Single Swing Door opening the Flex Track will be 38".
 - c. For Double Swing Door Openings the Flex Track will be 73 7/8".
5. Slide Flex L-Bracket and T-Bracket into the Flex Track. Fig. 6.
 - a. 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. 4

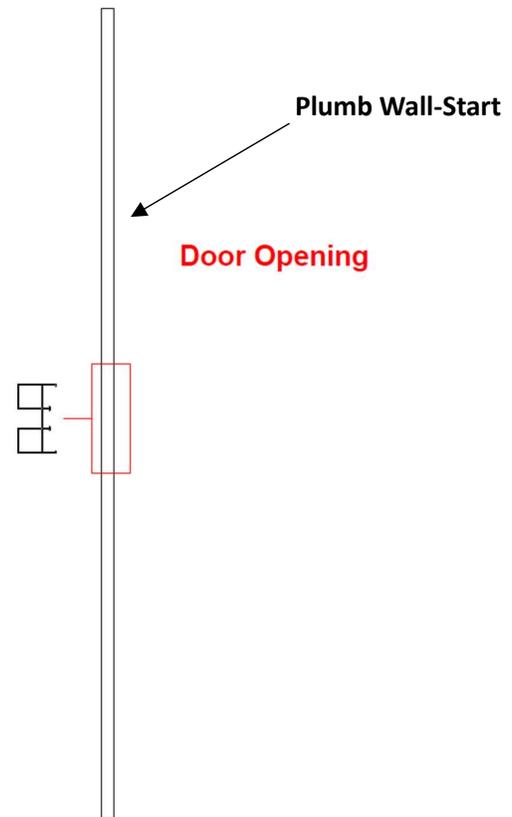


Fig. 5

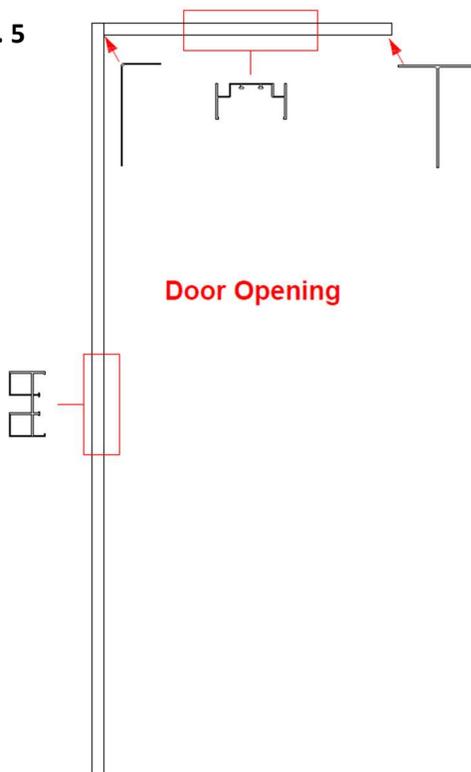
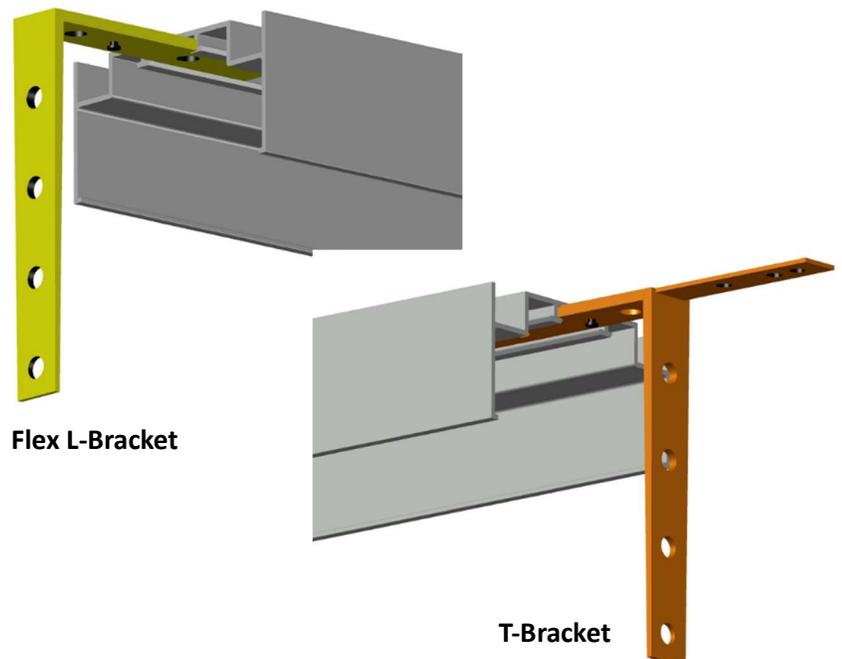


Fig. 6



Nxtwall Installation Instruction

6. Place Flex Track against the ceiling and tight to the Wall-Start.
7. Slide the Flex L-Bracket into the center of the Wall-Start. Tighten the set screw. Fig. 7.
8. Attach the Flex L-Bracket to the Wall-Start using 2 – 5/8" Framing Screws.
9. Attach Flex Track to the ceiling.
10. Measure for Wall-Start on the opposite side of the door opening. Fig. 8.

a. Measurement is from floor to ceiling.

11. Notch the center of the Wall-Start.

Fig. 9.

- 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. 7

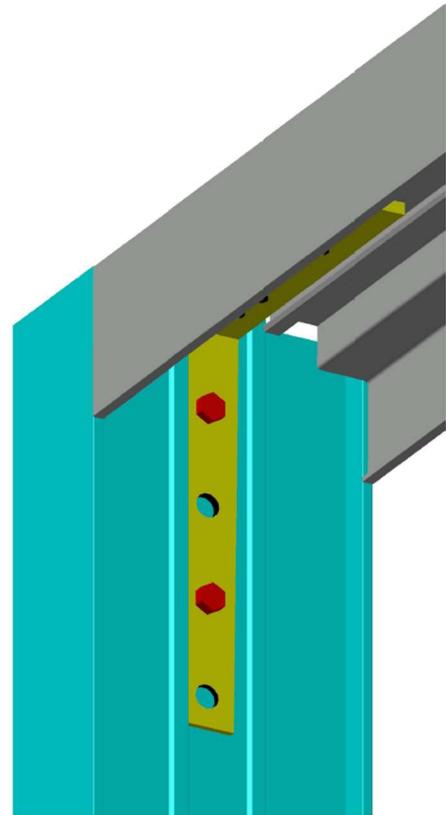


Fig. 8

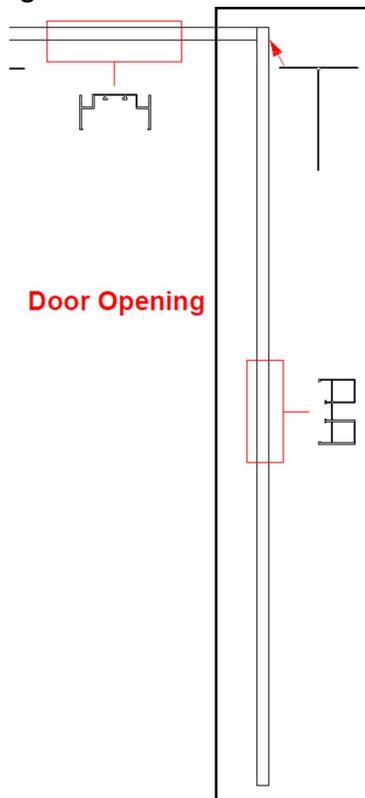
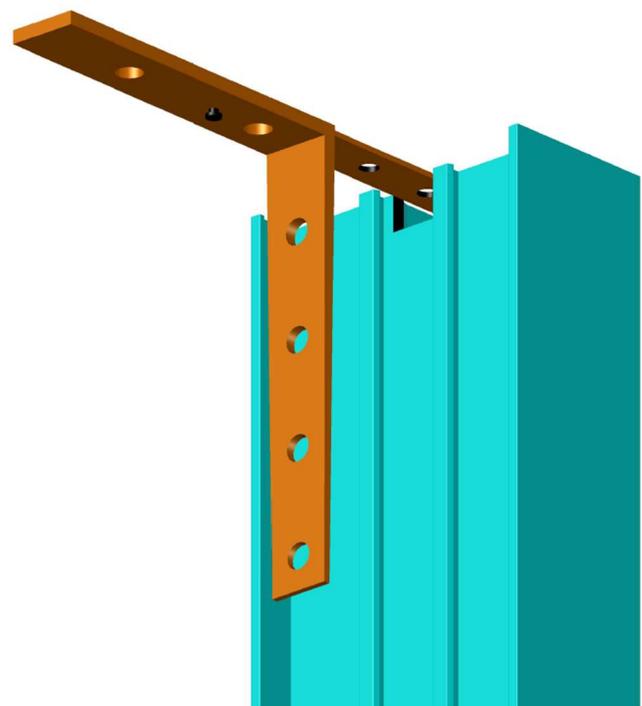


Fig. 9



Nxtwall Installation Instruction

12. Place the Wall-Start tight to the Flex Track with the “Stud Side” of the Wall-Start facing the center of the door opening.
13. Slide the T-Bracket through the notch in the Wall-Start and tight to the inside of the Wall-Start. Fig. 11.
14. 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.
15. Tighten the Set Screw in the T-Bracket.
16. Plumb the Wall-Start. Actual door opening spacing to set later in the installation.

Fig. 10

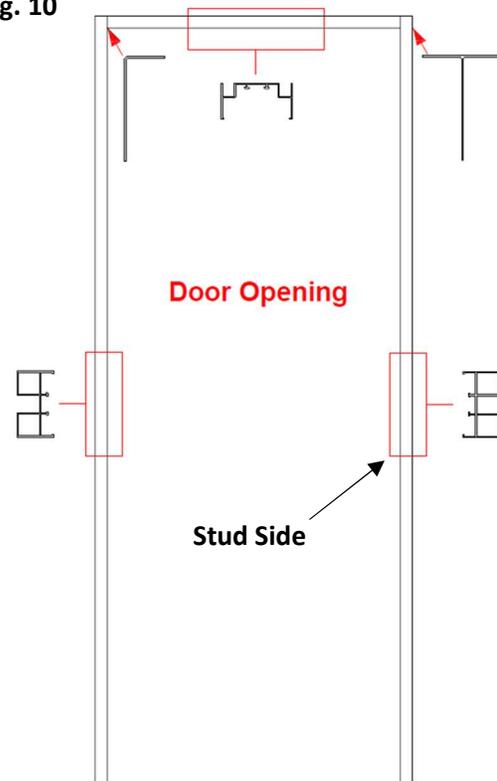


Fig. 11

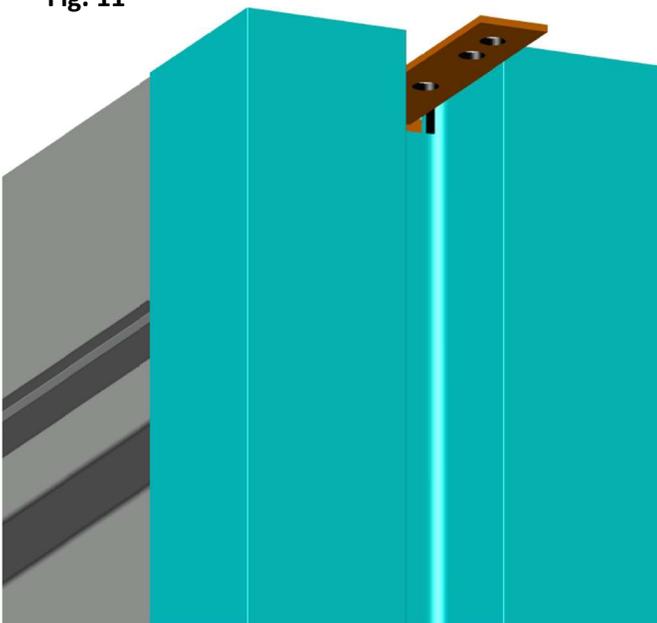
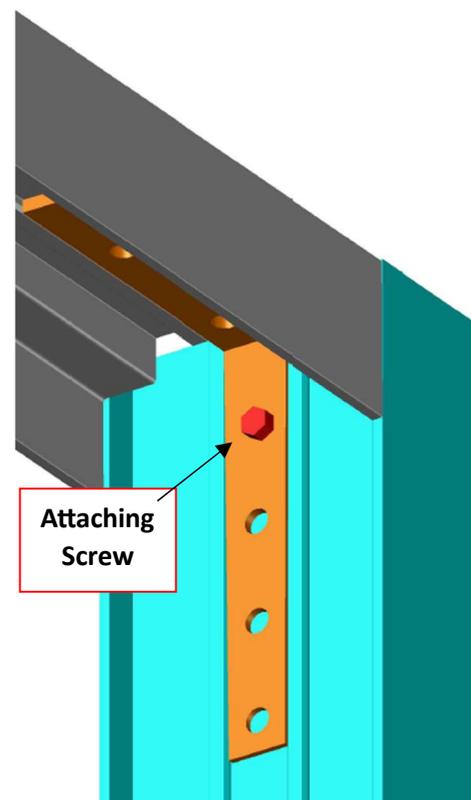


Fig. 12



Nxtwall Installation Instruction

17. Measure for Wall-Start on the Non-Door Opening side of the Partition. This side will receive a fixed pane of glass.
 - a. Measurement is from Floor to Ceiling.
18. Place the Wall-Start against the wall with the "Glass Side" facing the center of the opening.
 - a. 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.
19. Attach Wall-Start to the wall. Make sure the Wall-Start is plumb.
20. Measure for View Track and View Guide attaching to the ceiling.
 - a. Measurement will be from Wall-Start to Wall-Start. Fig. 14.
 - 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.

Fig. 13

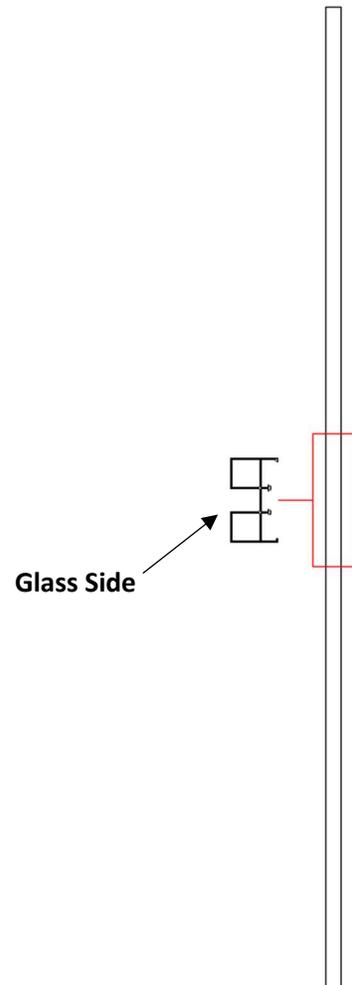
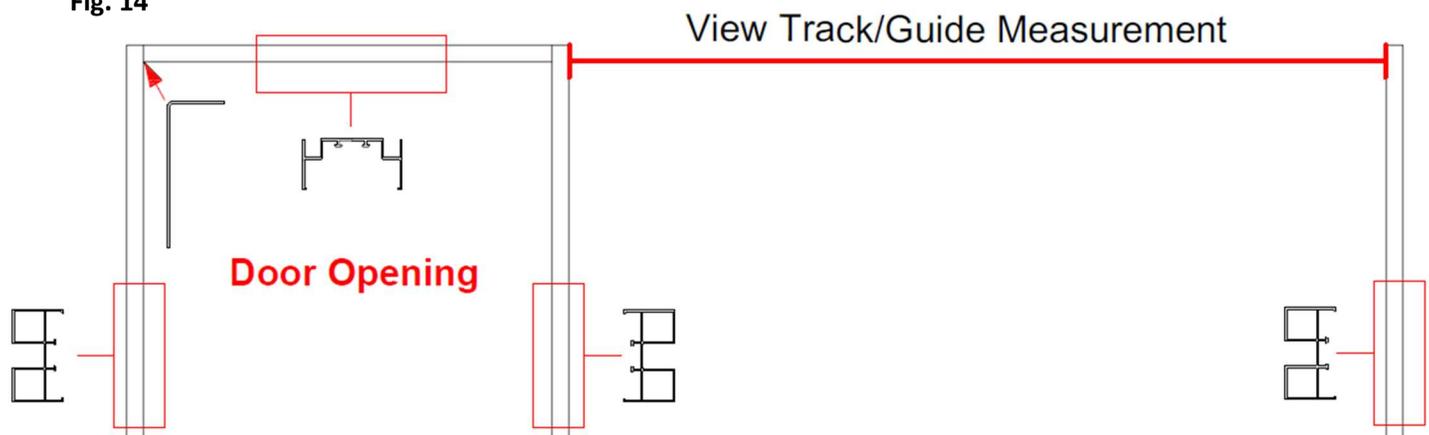


Fig. 14



Nxtwall Installation Instruction

21. Separate the View Guide from the View Track. Fig. 15.

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

22. 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. 16.
- c. As an alternative attaching method the attaching screw can be ran through the center and tight to the View Guide. See Fig. 17.

Fig. 15

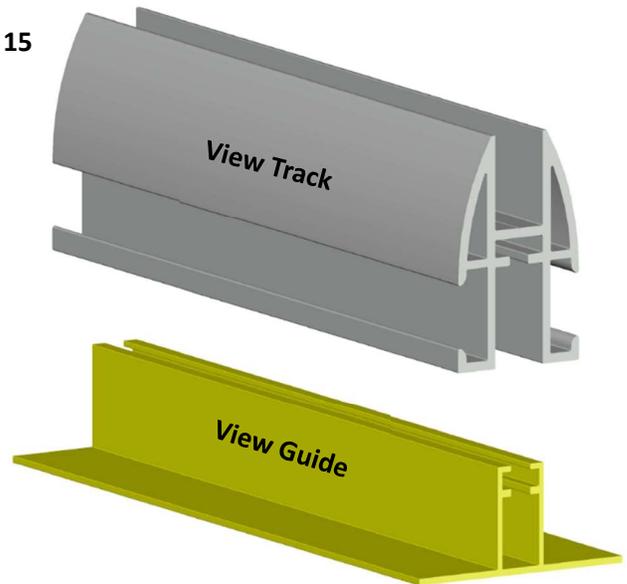


Fig. 16

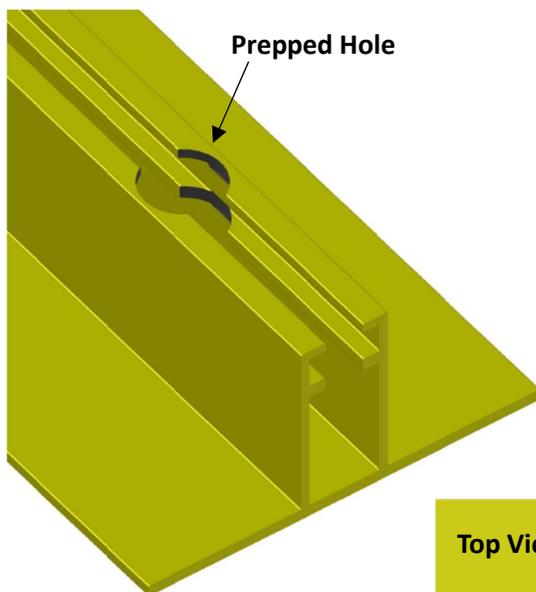
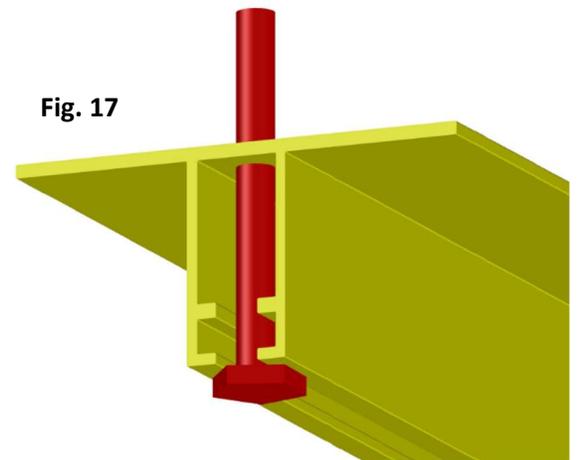


Fig. 17



Top View



Nxtwall Installation Instruction

23. Slide Leveling Bolts into the View Guide.

Fig 18.

- 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.

24. Slide a View L-Bracket into the end of the View Guide opposite of the T-Bracket. Fig. 19.

25. See Fig. 20 for Leveling Bolt and L-Bracket placement.

Fig. 18

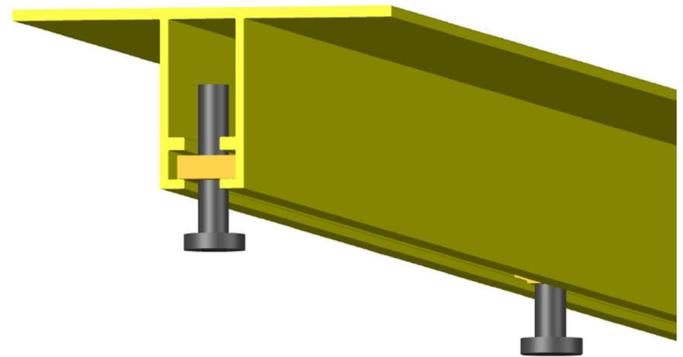


Fig. 19

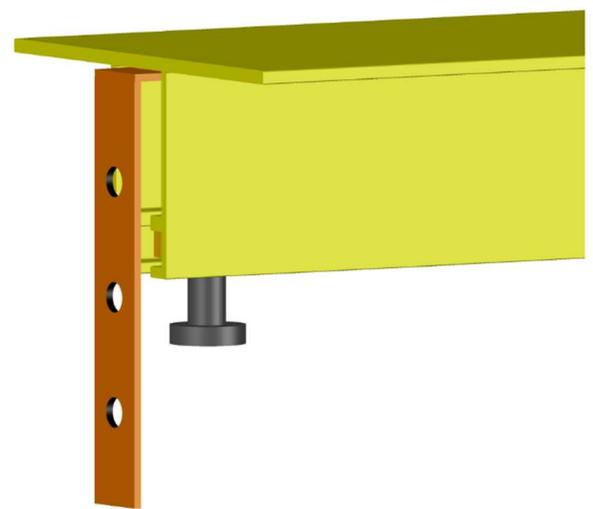
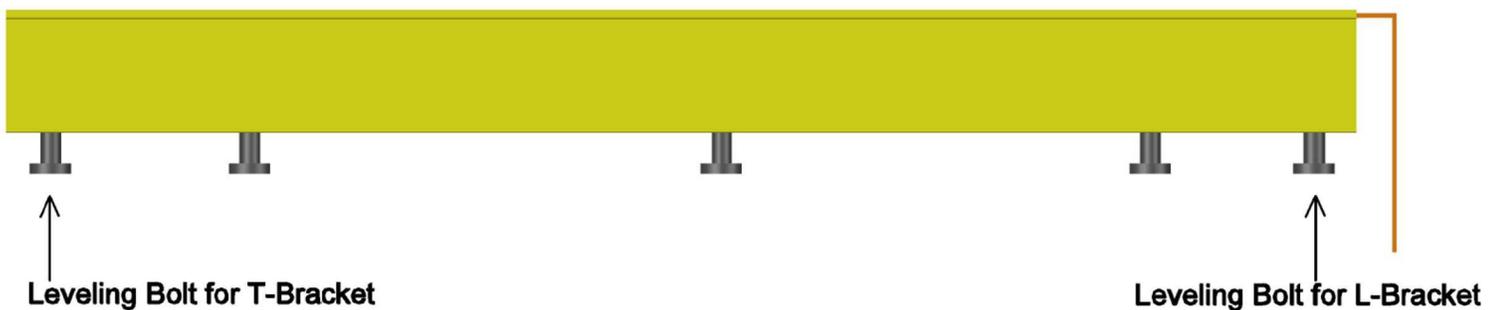


Fig. 20



Nxtwall Installation Instruction

26. 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. 21.

- 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.

27. 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. 22.

28. 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. 23.

Fig. 22

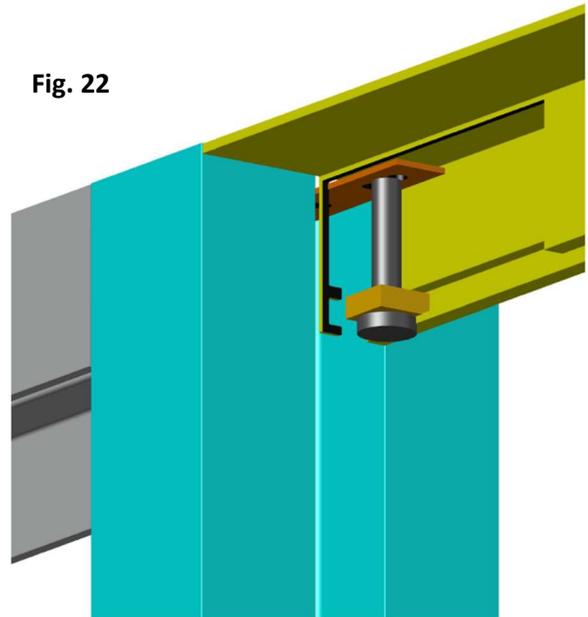


Fig. 23

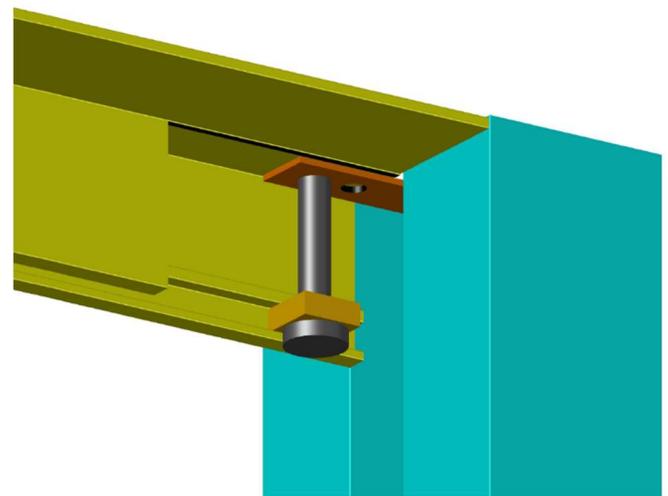
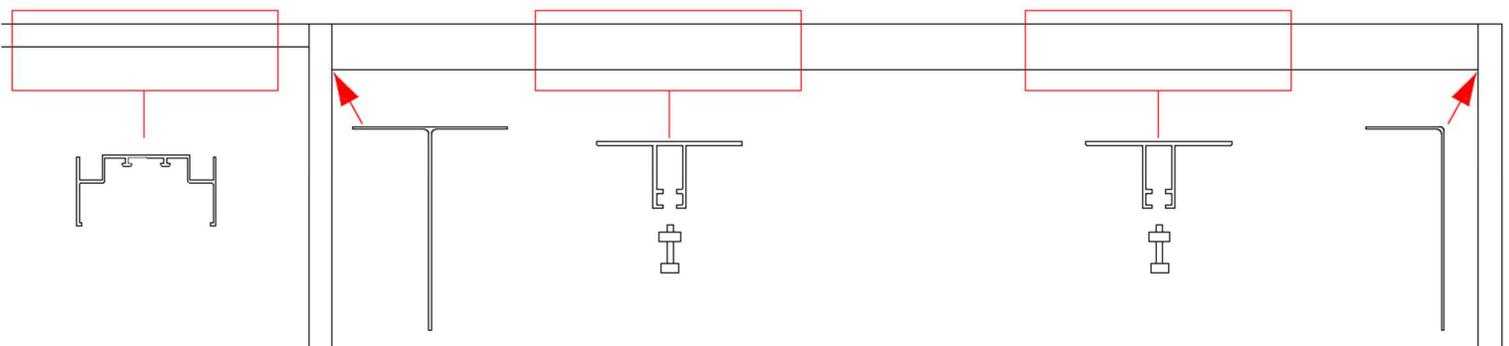


Fig. 21



Nxtwall Installation Instruction

29. **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. 22).
 - To achieve this, set the first leveling bolt at 3/8" to the top of the bolt on the door opening side (Fig. 23).
 - 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. 24.

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

Fig. 22

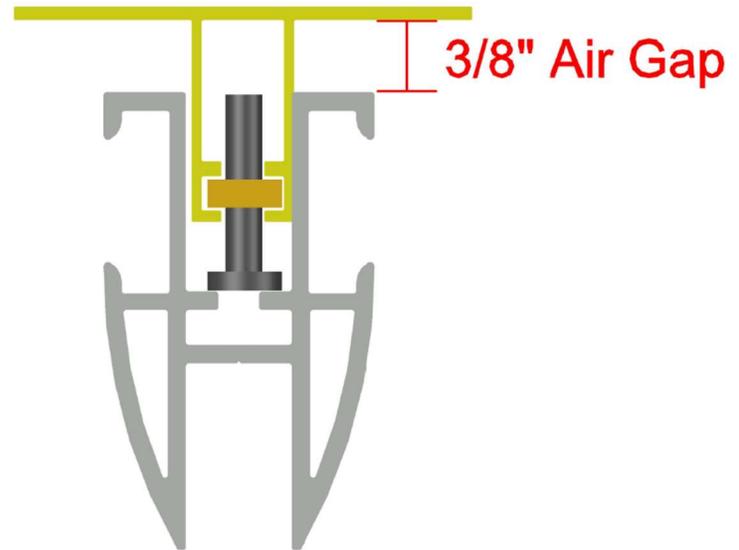


Fig. 23

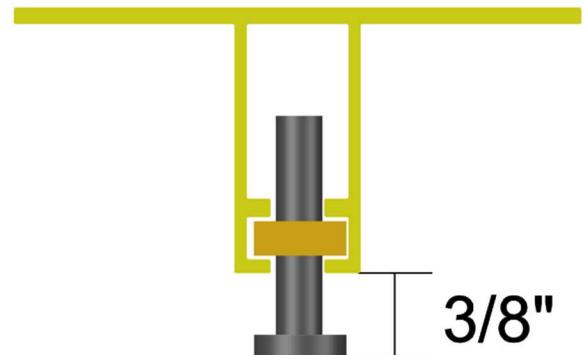


Fig. 24



Nxtwall Installation Instruction

30. Prep the View Track for installation.
 - a. Pre-drill 1/4" holes approximately every 3'-4' through the center of the View Track. Fig. 25.
31. Attach View Track to View Guide using the 4" attaching screws. Fig. 26.
 - a. When attaching the View Track run the screws to tighten the View Track to the Leveling Bolts. Do not overtighten.
32. Ensure the View Track is level.

Fig. 25

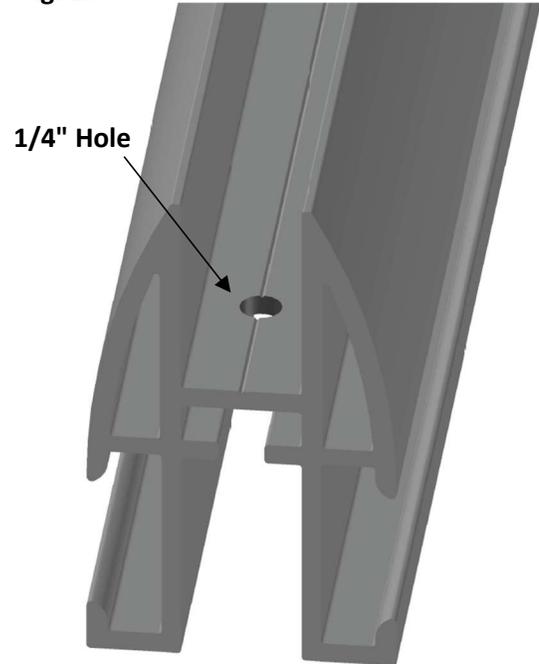
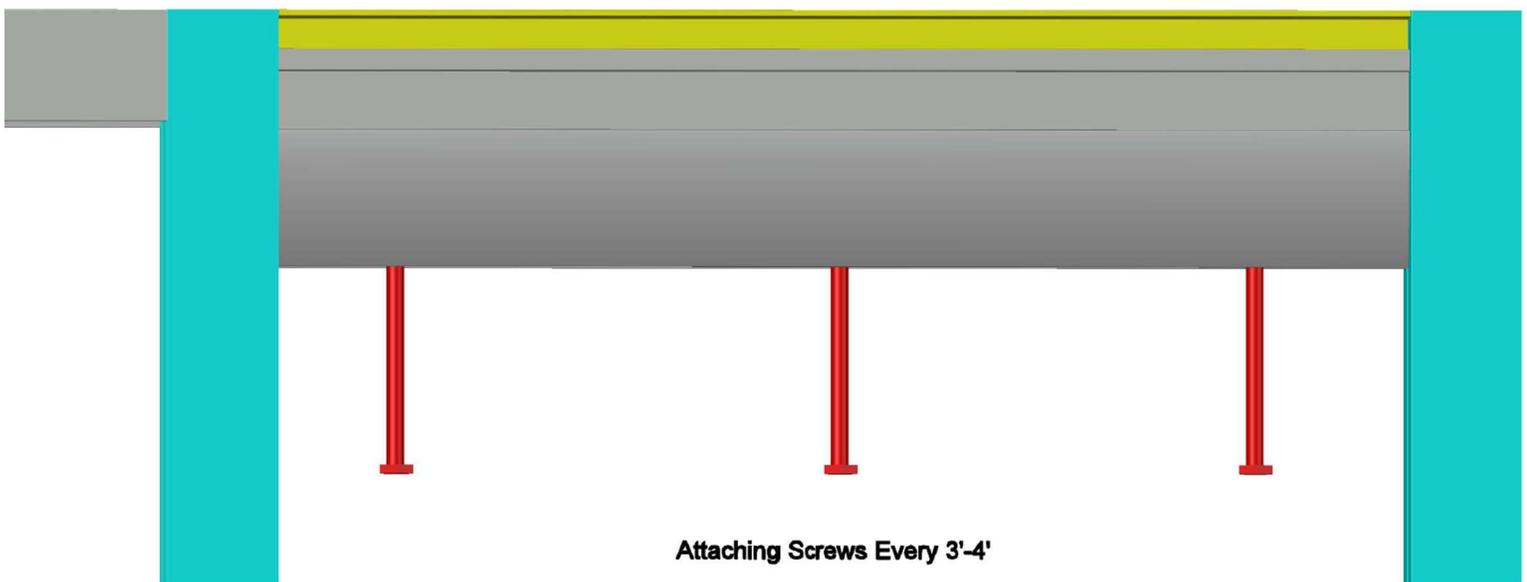


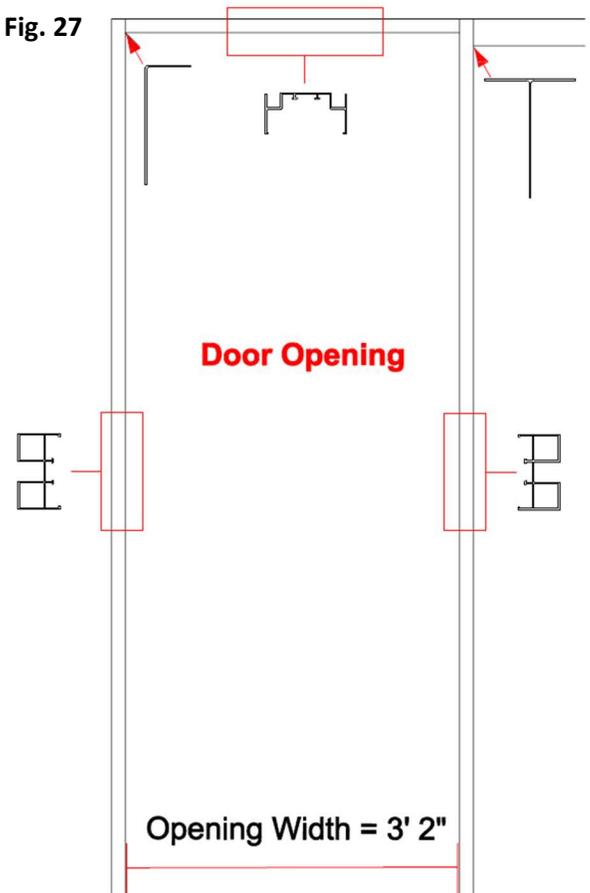
Fig. 26



Nxtwall Installation Instruction

33. Set door opening spacing. Fig. 27.
 - a. The measurement between the Wall-Starts for Single Swing doors is 38".
 - i. Double Swing Door Openings: 73 7/8".
 - b. Once spaced properly the Wall-Start should be plumb and square.
34. Measure for the View Track and Guide attaching to the floor. Fig. 28.
 - 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.
35. Cut the View Track and Guide.

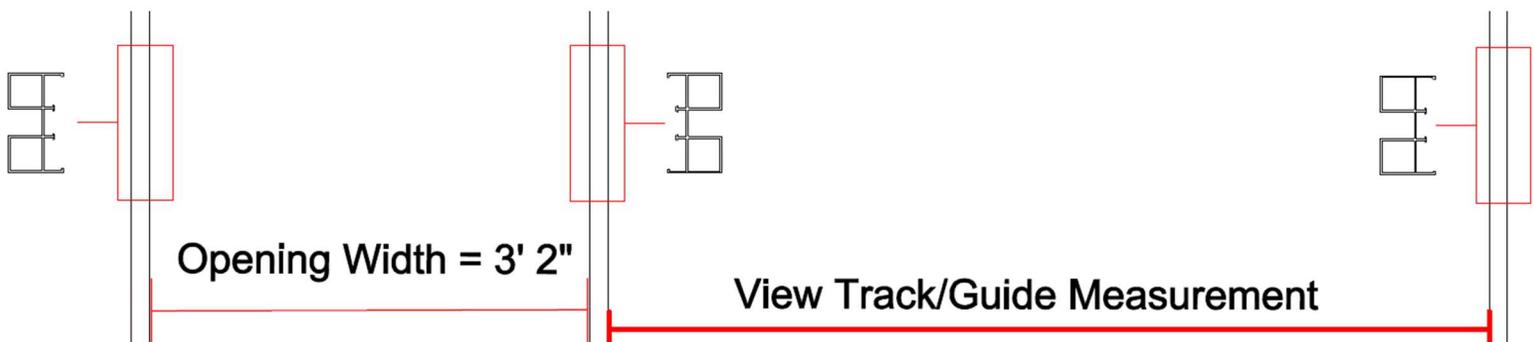
Fig. 27



Measurement Location



Fig. 28



Nxtwall Installation Instruction

36. Separate the View Guide from the View Track.

Track.

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

37. Slide Leveling Bolts into the View Guide.

Fig. 29.

- 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.

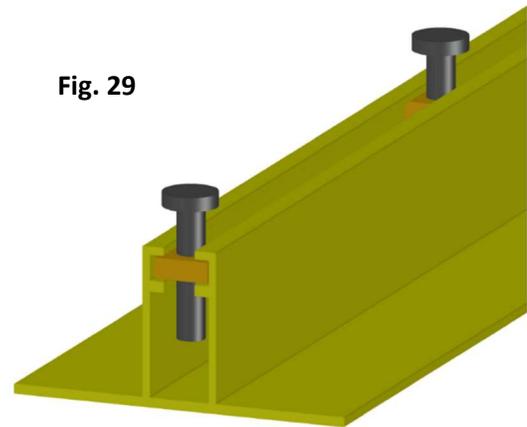


Fig. 29

38. Slide View L-Brackets (2) into each end of the View Guide. Fig. 30.

39. Depending on the anchoring screw being used the View Guide may need to be prepped to allow the anchoring screw to fit. Reference page 7 for prepping the View Guide.

40. 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. 31.

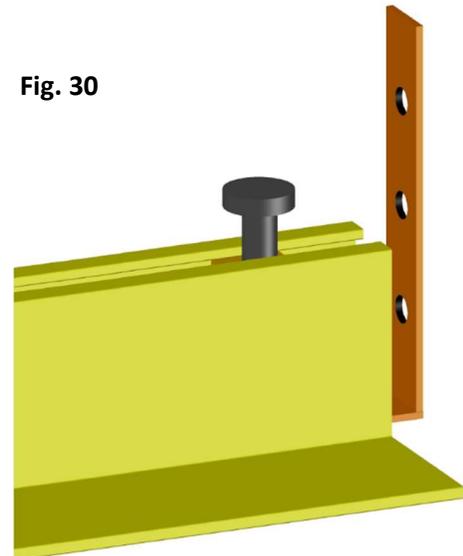
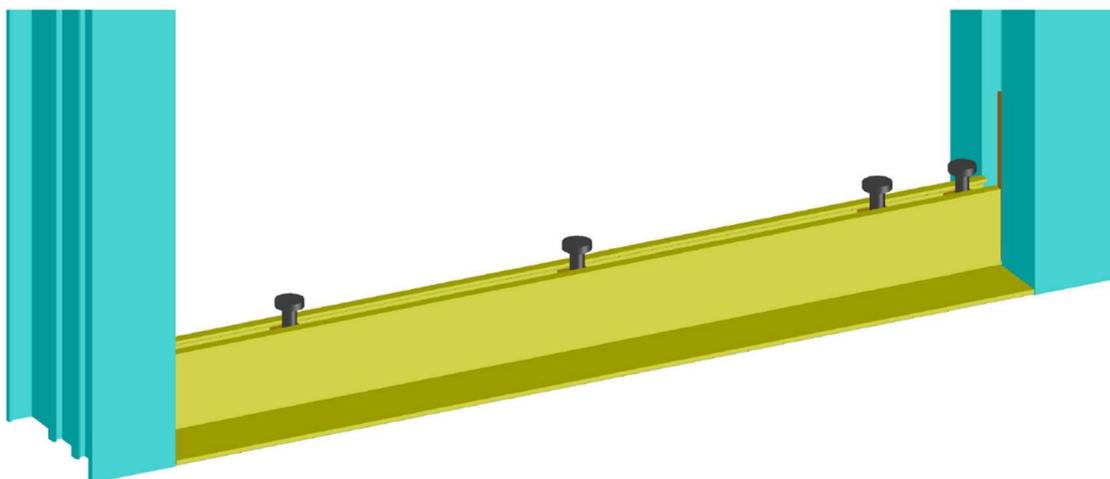


Fig. 30

Fig. 31



Nxtwall Installation Instruction

41. Attach the View Guide to the floor.
42. 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. 32.
43. Run an anchoring screw through one of the open holes in the L-Bracket. Fig. 32.
 - a. This anchoring screw will provide strength for the door opening.
44. 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. 33.

Fig. 32

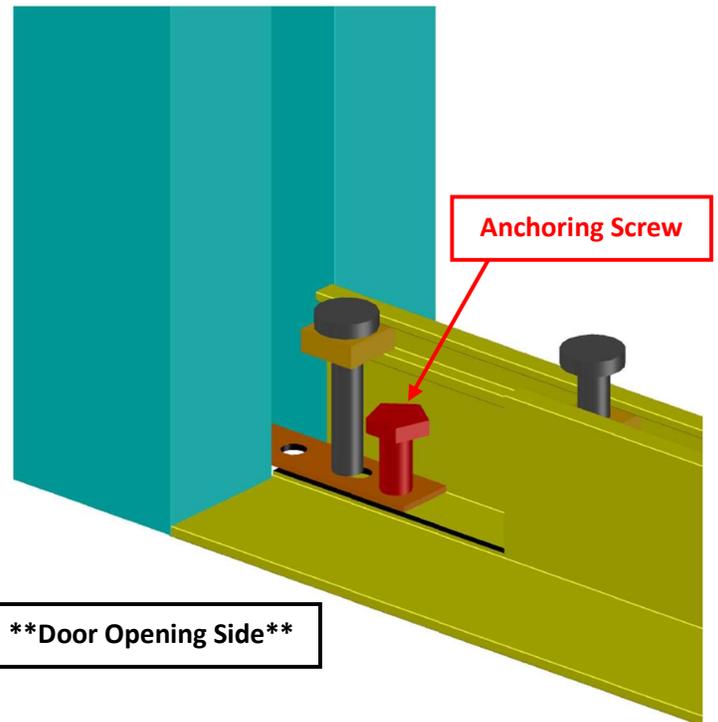
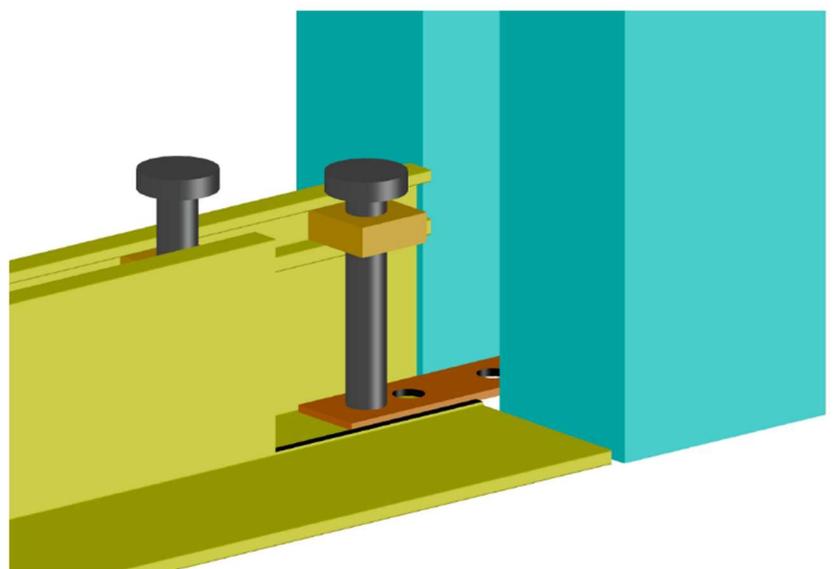


Fig. 33



45. **Important Step:** Same as the ceiling adjust the Leveling Bolts in the View Guide. The Leveling Bolts must be level across the opening. Fig. 34.

- 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.

46. Place the View Track onto the Leveling Bolts/View Guide. Fig. 35.

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

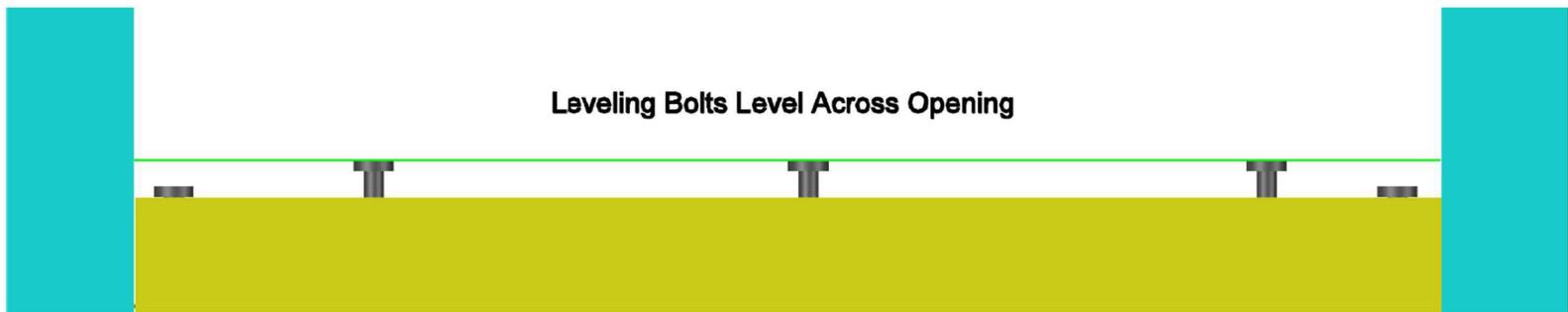
47. Ensure the View Track is level.

Fig. 35



Fig. 34

Leveling Bolts Level Across Opening



Nxtwall Installation Instruction

Door Opening Finish Cover Installation

For Full Swing Doors Finish Covers will be used to finish the inside of the Flex Track and the Wall-Starts. The Finish Cover will also provide a flat surface to install the hinges.

48. To install the Finish Cover into the Flex Track a Genesis Stud needs to be installed into the Flex Track first. The Genesis Stud provides an attaching point for the Finish Cover. Fig. 36.

- a. Cut the Genesis Stud to fit inside the Flex Track. Fig. 37.
- b. Attach the Genesis Stud to the inside of the Flex Track using 2 1/2" Framing Screws.

49. Measure for and cut the Finish Cover.

- a. The measurement will be from Wall-Start to Start. There will need to be a tight fit between the Wall-Starts.

50. Install the Finish Cover onto the Genesis Stud. Fig. 38.

- a. To install the Finish Cover place it onto the center of the Genesis Stud. Use a rubber mallet to strike the center of the Finish Cover to snap it onto the Genesis Stud.
- b. Note: The Finish Cover will protrude slightly from the Flex Track once installed.

Fig. 36

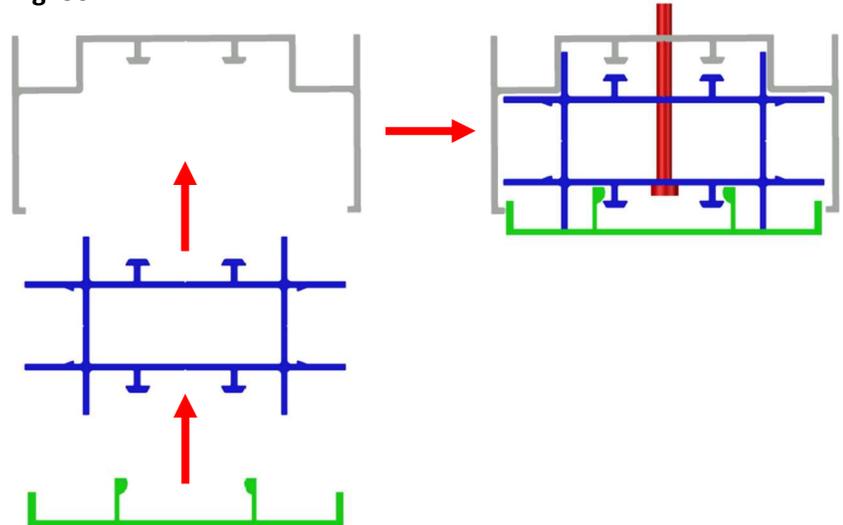


Fig. 37

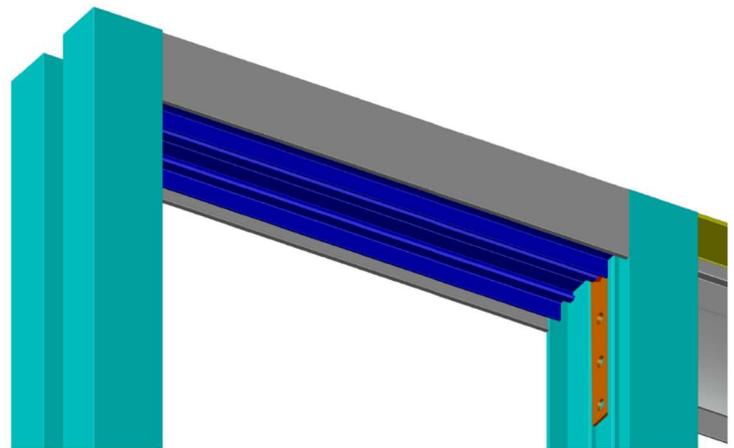
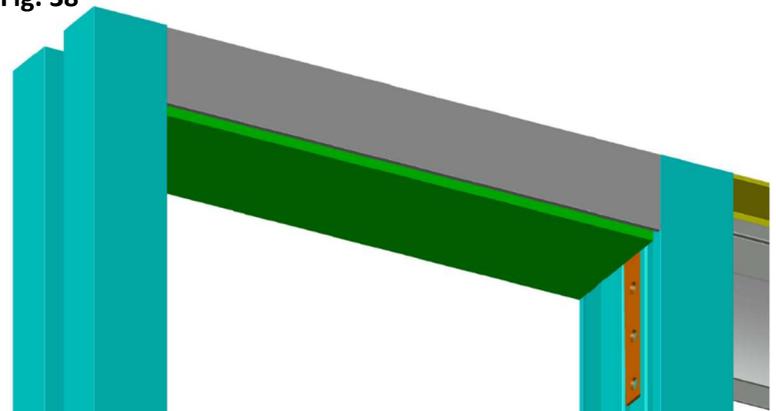


Fig. 38



Nxtwall Installation Instruction

51. Measure and cut the Vertical Finish Covers.
- Measurement will be from the floor to the bottom edge of the Finish Cover. Fig. 39.

52. Install the Vertical Finish Covers onto the Wall-Starts. Fig. 40.
- To install the Finish Cover place it into the center of the Wall-Start. Use a rubber mallet to strike the center of the Finish Cover to snap it onto the Wall-Start.

Fig. 39

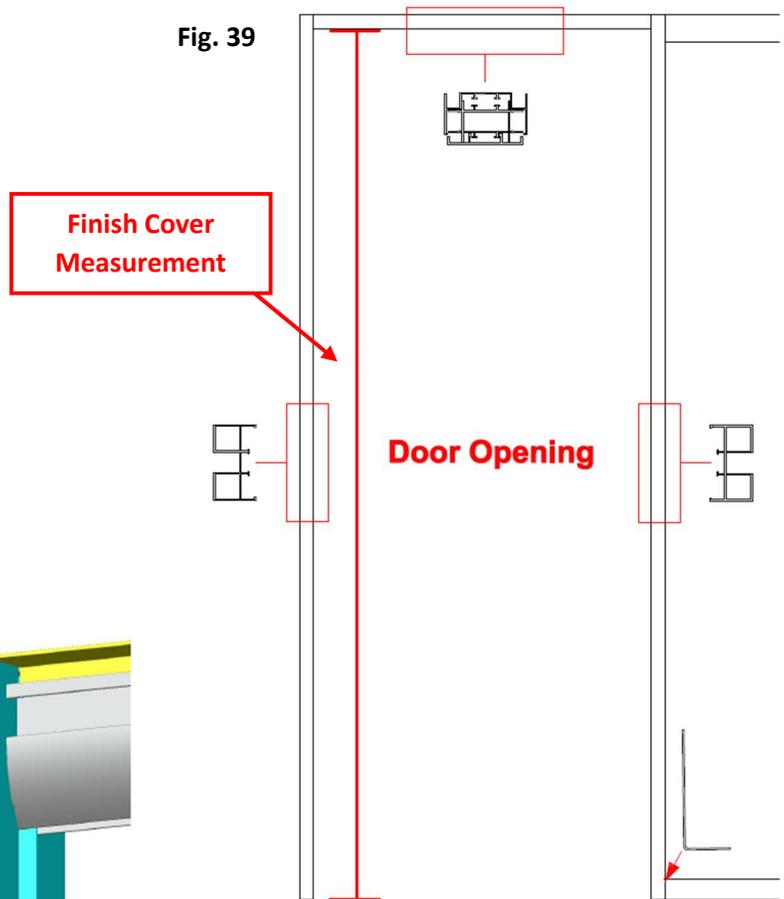
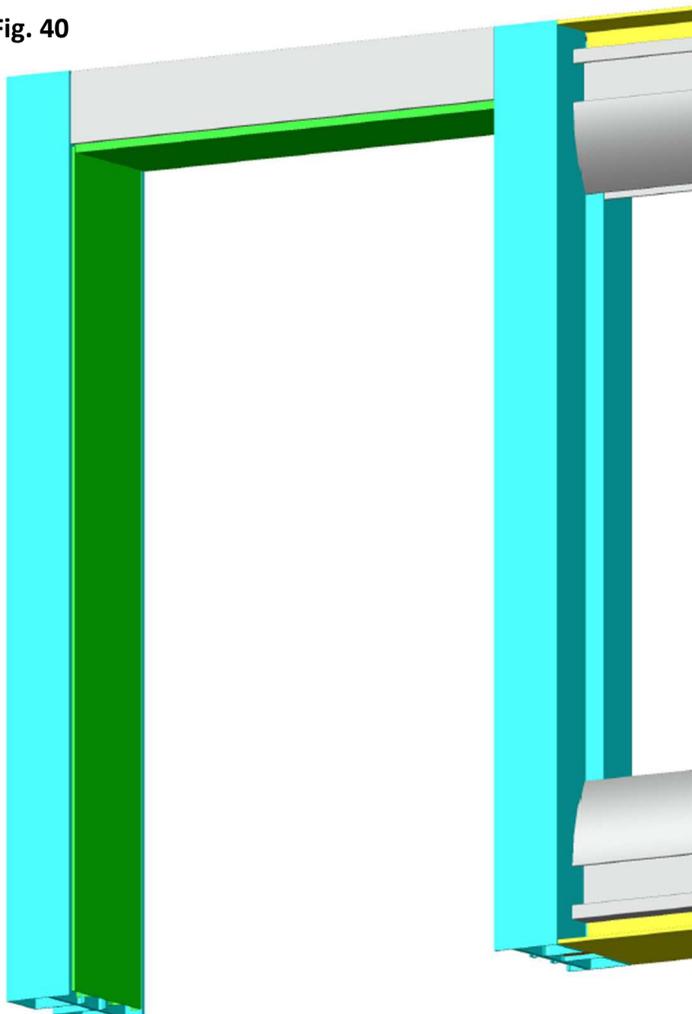


Fig. 40



Nxtwall Installation Instruction

Glass Channel Installation

There are two different profiles of Glass Channel.

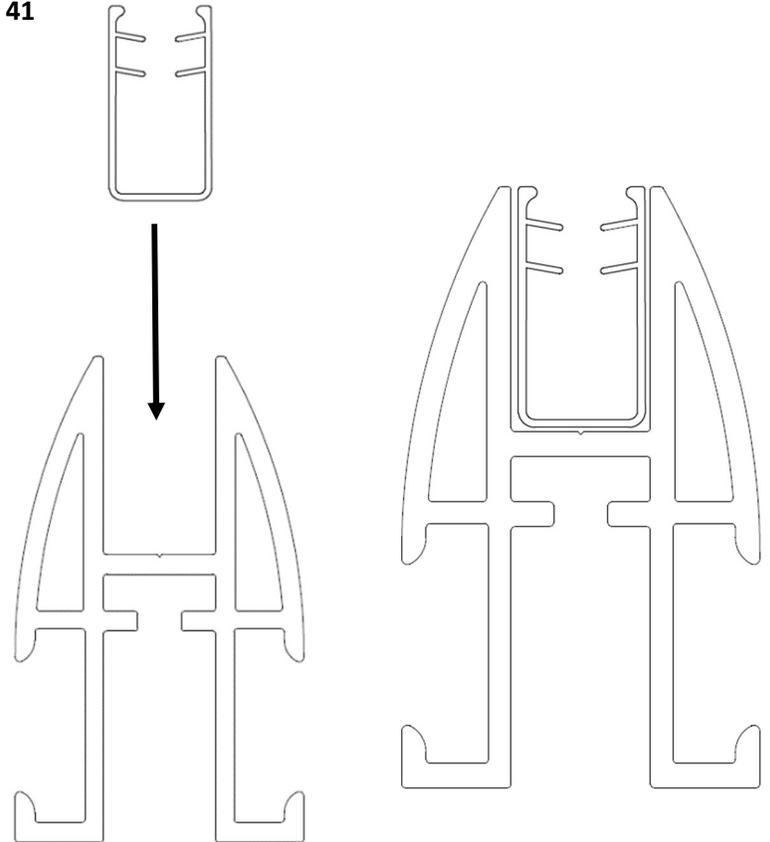
- View Track Glass Channel (Fig. 41).
- View Wall-Start Glass Channel (Fig. 42).
 - o To differentiate the two different profiles "WALL-START" is printed on the side of the Wall-Start Glass Channel.

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.

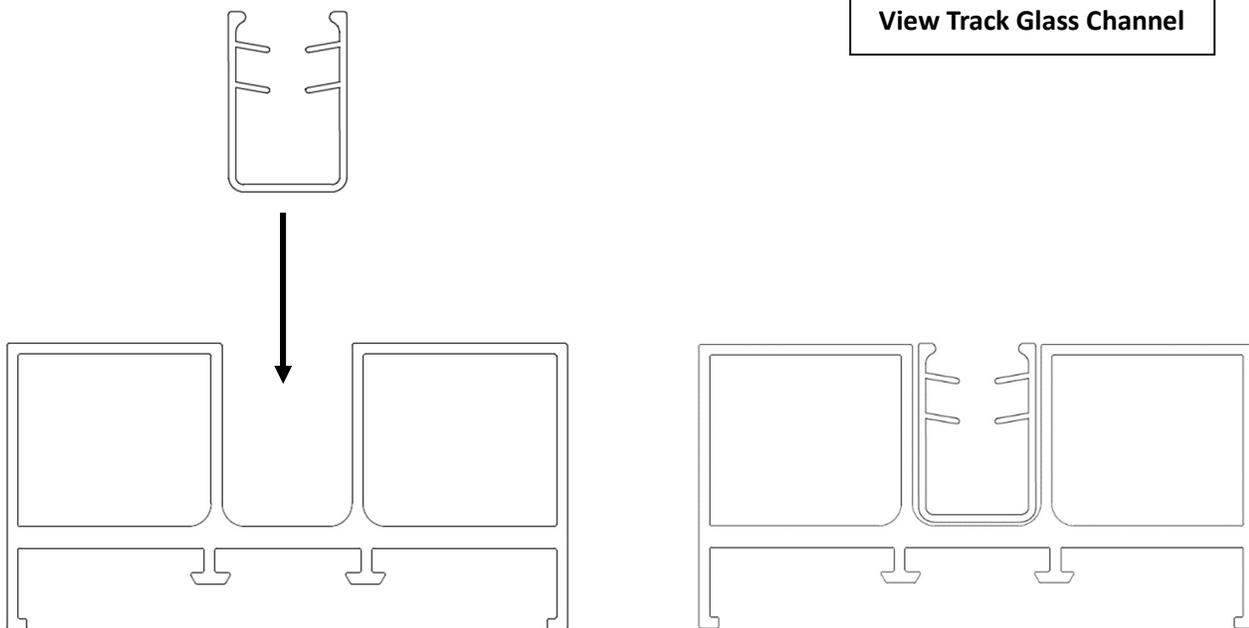
The Glass Channel can be inserted once the framing has been completed.

Fig. 41



View Track Glass Channel

Fig. 42



View Wall-Start Glass Channel

Nxtwall Installation Instruction

Glass Channel Installation: View Track

53. 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. 43.

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

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

- 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.

55. Remove the backing tape from the Glass Channel and insert it into the View Track in the proper location. Fig. 45.

- 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. 43



Fig. 44

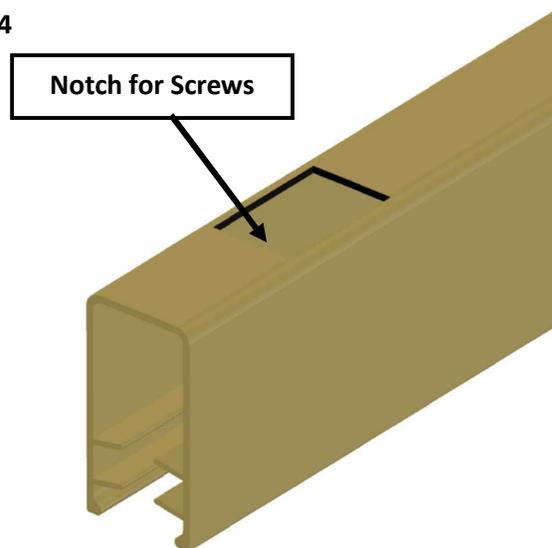
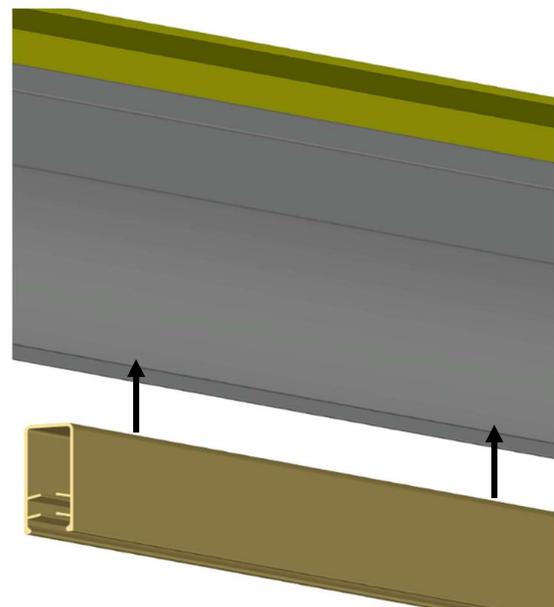


Fig. 45



Nxtwall Installation Instruction

56. 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. 46.

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

57. Remove the backing tape from the Glass Channel and insert it into the View Track in the proper location. Fig. 47.

- 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.

58. View Track Glass Channel installation complete.

Fig. 46

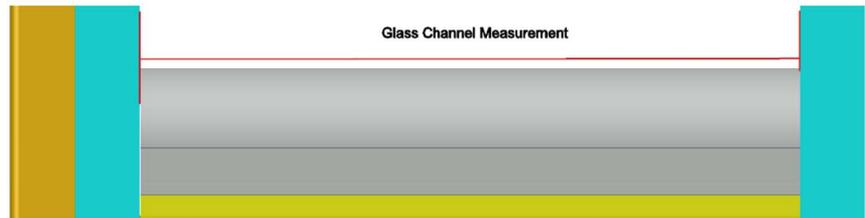
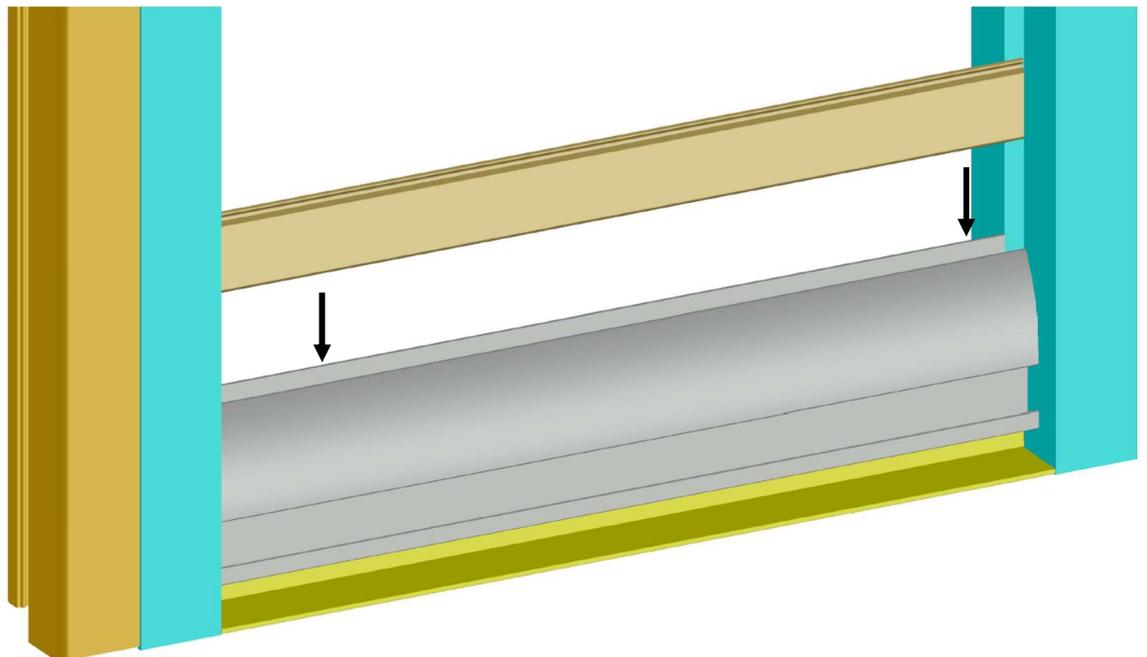


Fig. 47



Nxtwall Installation Instruction

Glass Channel Installation: View Wall-Start

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

59. 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. 48.
- Make sure to use the Glass Channel with "Wall-Start" printed on the side.
60. 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.
- Notching out the screw locations will allow the Glass Channel to sit flat inside the Wall-Start.
 - 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.
61. Remove the backing tape from the Glass Channel and insert it into the Wall-Start in the proper location. Fig. 49.
- 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.
62. Repeat this process for the opposite side of the opening.
63. Wall-Start Glass Channel installation complete.

Fig. 48

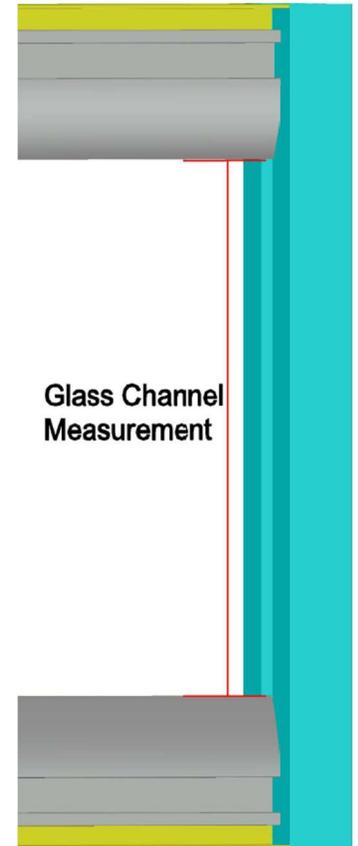
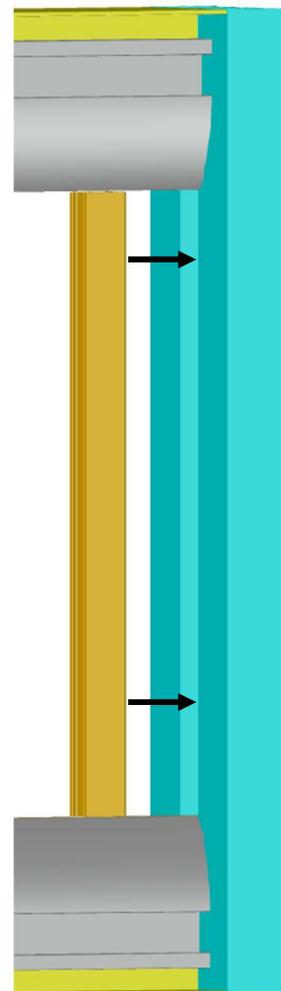


Fig. 49



****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

64. 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.
65. To install the shims press the shims into the Glass Channel/View Track. Fig. 51.
- Before installing the glass space the shims to ensure the shims are on each corner of the glass.

Fig. 50

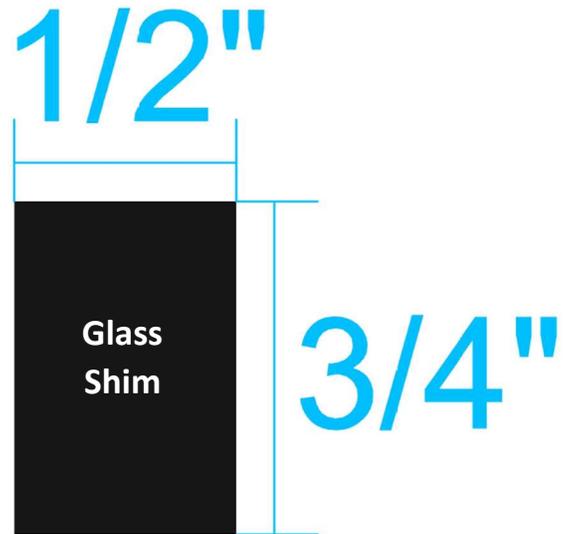
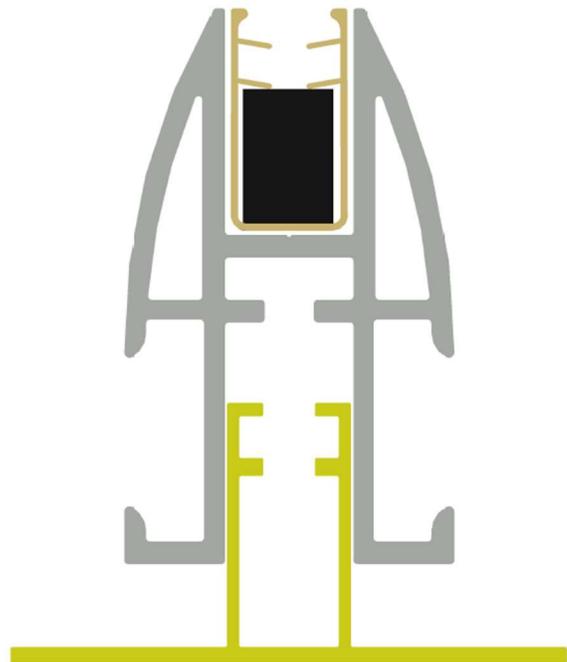
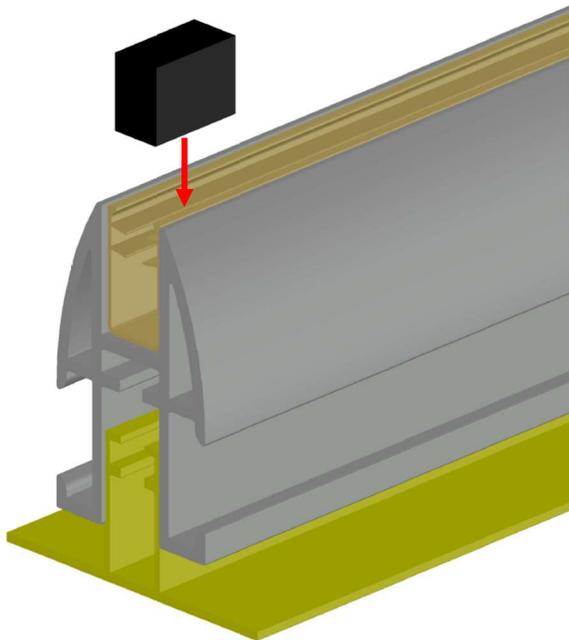


Fig. 51

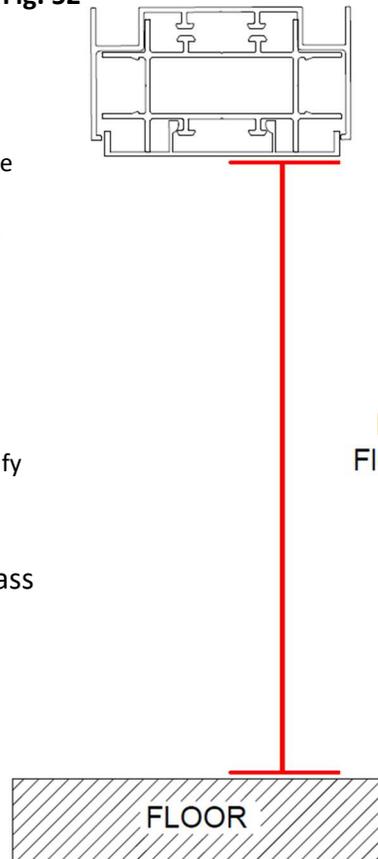


Nxtwall Installation Instruction

Glass Door Measuring

66. Measure for the height of the glass swing door. Fig. 52.
- Measurement is from the Floor to the Bottom of the Finish Cover – 3/4"
 - Measure each side of the opening to verify the height.
67. Measure for the width of the swing door. Fig. 53.
- Measurement is from Wall-Start to Wall-Start – 1/2".
 - Measure at multiple locations to verify the width.
68. Reference the View Series Glass Measuring Guide for the remaining glass measurements needed.

Fig. 52



Full Swing Door Height Measurement:
Floor to Finish Cover - 3/4" = Door Height
Measurement Location Shown

Fig. 53



Full Swing Door Width Measurement:
Finish Cover to Finish Cover - 1/2" = Door Width
Measurement Location Shown

Nxtwall Installation Instruction

Full Swing Hinge/Glass Door Installation

Prior to installing the hinges on the wall system reference the manufacturer's instructions. Written instructions are included in the hinge's packaging.

69. Install the hinges onto the glass door.
The hinges will need to be on the door to determine the location of the hinges on the framing.
70. Mark the center of the Finish Cover. The hinges will be attached directly to the Finish Cover.
71. Place the door on 1/2" Shims within the door opening. 1/2" is the proper gap under the door.
72. Align the center of the hinge with the center mark on the Finish Cover.
73. Mark the four hole locations on each hinge onto the Finish Cover.
74. Remove the door.
75. Pre-drill the marked hole locations using a 5/32" drill bit.
76. Reinstall the door and attach the door to the framing using the provided attaching screws.
 - a. Use a longer bit to reach the screws to avoid damaging the hinge.

See next page for written instructions and an installation video from the hinge manufacturer.

Full Swing Biloba Hinge



1 1/2" Anchoring
Screws (4 Per Hinge)



Full Swing Biloba Hinge Installed

Nxtwall Installation Instruction

Full Swing Hinge Instructions:



Manufacturer Installation Video

Please Note: The video references standard installation of the hinge. The video does not show our product it is for reference only.

INNER DOORS		BILOBA		8010					
				<table border="1"> <tr> <th>Tools required</th> <th>Fittings required</th> </tr> <tr> <td></td> <td> 4 x</td> </tr> </table>		Tools required	Fittings required		4 x
Tools required	Fittings required								
	4 x								
 8÷13,52 GLASS	 8 2,5	 10 2,5	 10,76 11,52 1,5	 12 12,76 13,52 1,5	SEALS				
<p>Questo viti sono serrate a 10Nm dalla fabbrica, è vietato svitarle o allentarle</p> <p>These screws are tightened at 10 Nm from the factory. It is forbidden to unscrew or loosen them</p>									
<p>1</p>			<p>2</p>						
<p>3</p>			<p>4</p>						
<p>5</p>			<p>ONLY FOR HYDRAULIC HINGE NOT FOR SOL VERSION</p> <p>slow fast</p> <p>closing speed adjusting</p>						