

Nxtwall Installation Instruction

Installation Scenario:

View Series Wingback Installation

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

Nxtwall Components Covered by this Instruction:

- View Wall-Start
- View Track
- View Track Curve Cut
- View Guide
- View L-Bracket
- T-Connector
- 90° View Track Joiner
- Leveling Bolts
- Track Glass Channel
- Wall-Start Glass Channel

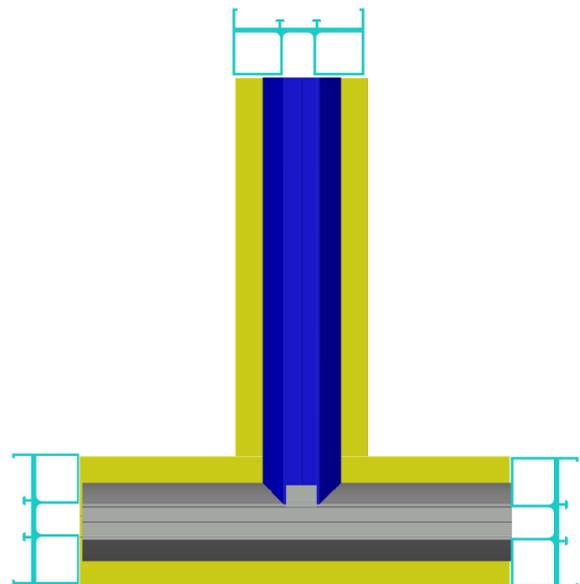
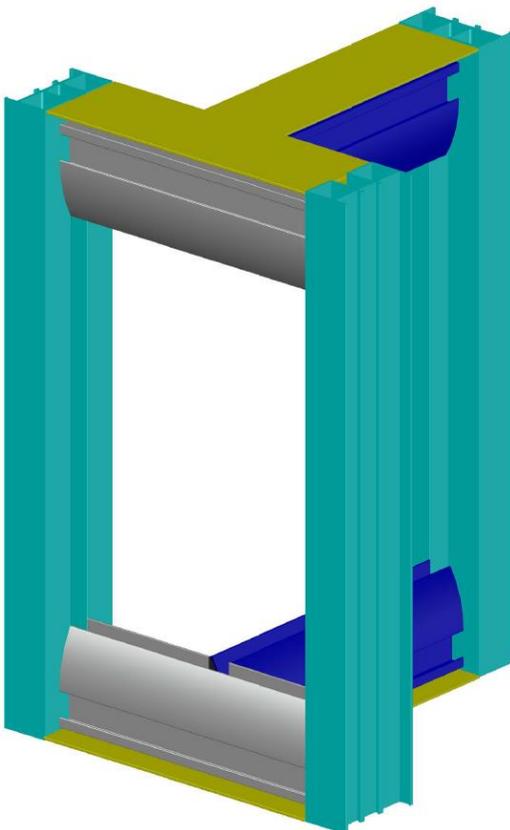
Recommended Installation Tools:

- 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.
- Glass Suction Cup

Wingback Defined

A Wingback in the View Series is when the View Track comes together to create a “T” shape due to the onsite layout of the partitions. When the glass is installed the glass will intersect at the “T”. Fig. 1.

Fig. 1

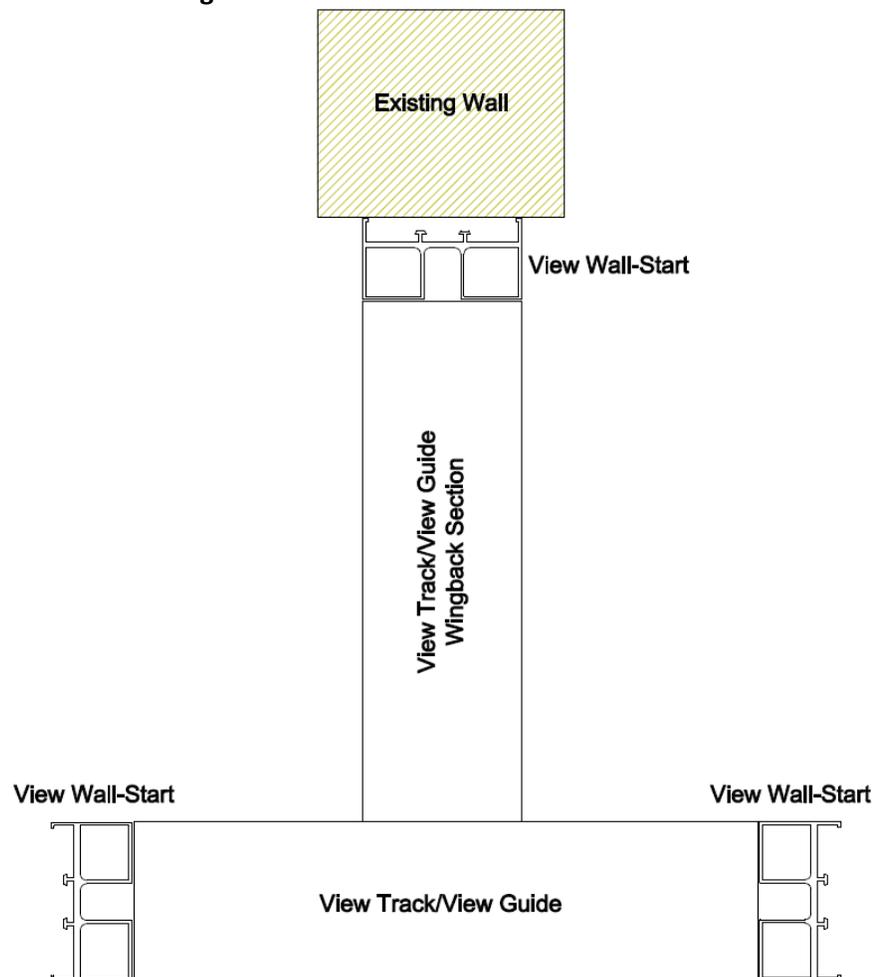


Nxtwall Installation Instruction

Wingbacks Defined

Wingbacks typically occur when a View Series front bypasses an existing sidewall. The Wingback is the section of wall to fill the gap between the View Series front and the existing sidewall. Fig. 2.

Fig. 2



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Wingback Defined

On the drawing the Wingback is shown by two glass partitions coming together to create a "T". Fig. 3.

To create the "T" with the View Track a custom cut piece of View Track is sent. This piece of Track is referred to as the View Track Curve Cut. The Curve Cut is custom cut to fit the contour of the View Track to create the "T" shape. Fig. 4.

Fig. 3

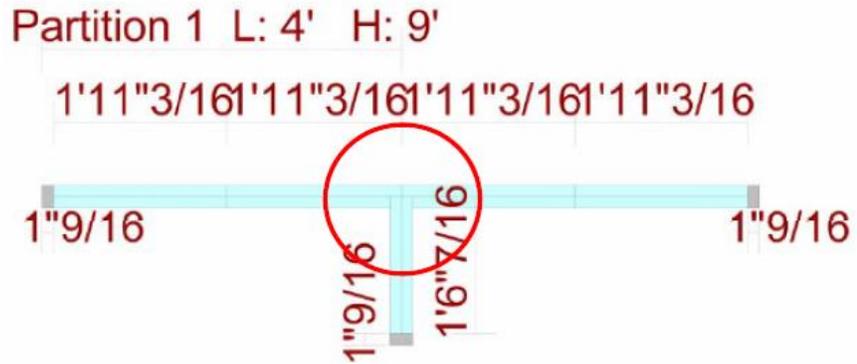
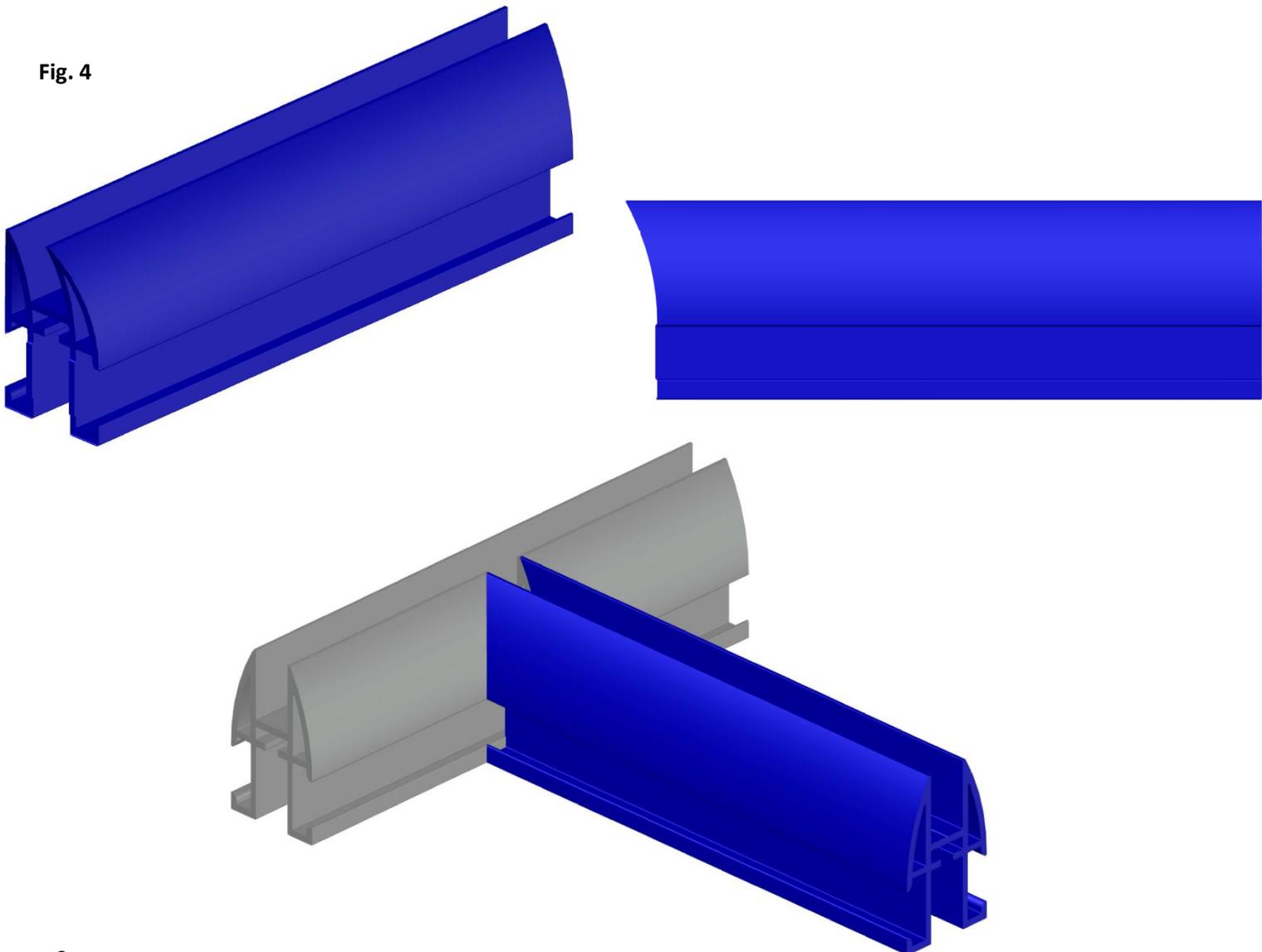


Fig. 4



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Installation Procedure

1. Layout and mark the location of the Wingback at both the floor and the ceiling.
2. Determine the length of the View Track and View Guide at the front of the partition. Fig. 5.
 - a. The length of the View Track and Guide will be the same length at the floor and the ceiling.
3. Cut the View Track and Guide to the length needed for the floor and the ceiling. The View Track and Guide can be cut together.
4. Determine the location of the View Track and Guide.
 - a. Depending on the layout of the project the View Track/Guide may be offset to one side of the existing wall or it could be centered on the existing wall. Reference the drawing for the approximate location.
5. Separate the View Track from the View Guide. Fig. 6.

Fig. 5

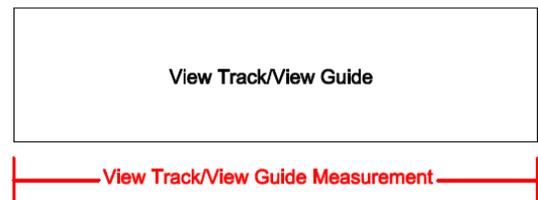
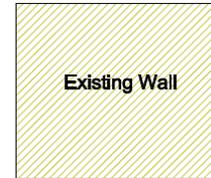
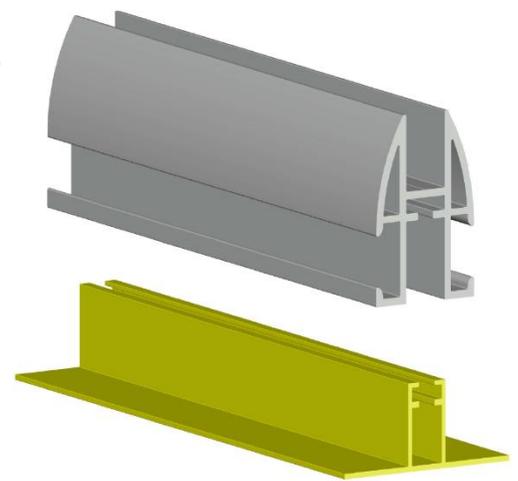


Fig. 6



Nxtwall Installation Instruction

6. Slide Leveling Bolts into each piece of the View Guide. Fig. 7.
 - a. Include at least two Leveling Bolts in the View Guide. On longer lengths install Leveling Bolts every 3'- 4'.
7. Attach each piece of the View Guide to the ceiling and the floor. Make sure the View Guide is aligned with each other at the floor and the ceiling. Include View L-Brackets at each section the View Guide will intersect with the Wall-Starts. Fig. 8.
 - a. For detailed information on how to properly attach the View Guide to the floor/ceiling and the View L-Brackets reference the "View Series Basic Framing" guide.
 - b. Note: If there is a Swing Door coming off the View Wall-Start a View L-Bracket is not needed, this situation will use the T-Bracket for attaching. Reference the View Series Swing Door Installation Guide for more information.
8. Measure for the View Wall-Starts installing on each end of the View Track/Guide at the front.
 - a. The measurement is from Floor to Ceiling.

Fig. 7

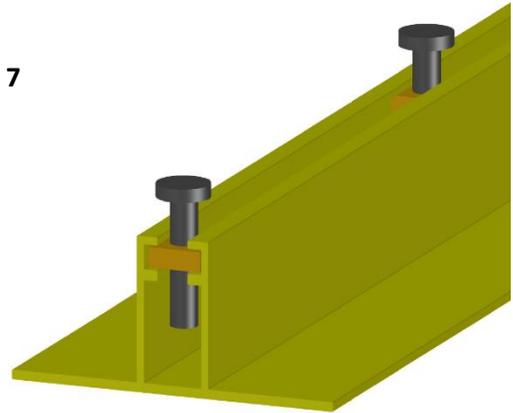
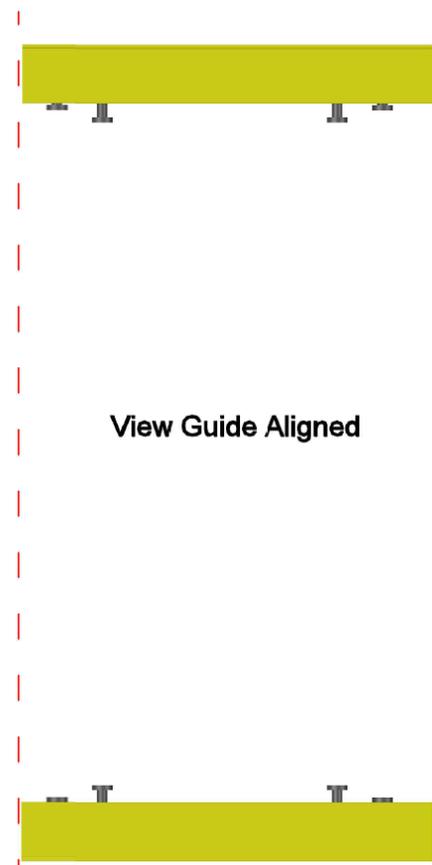


Fig. 8



Nxtwall Installation Instruction

9. Install the Wall-Starts. Make sure the Wall-Starts are in the correct orientation. The “Glass Side” of the Wall-Start will be towards the center of the fixed glass opening. Fig. 9.
 - a. Attach the Wall-Starts to the View Guide using the View L-Brackets.
10. Measure for the Wall-Start attaching to the existing wall for the Wingback section.
 - a. The measurement is floor to ceiling.
11. Attach the Wall-Start to the existing wall. Fig. 10.
 - a. Ensure the Wall-Start is plumb.

Fig. 9

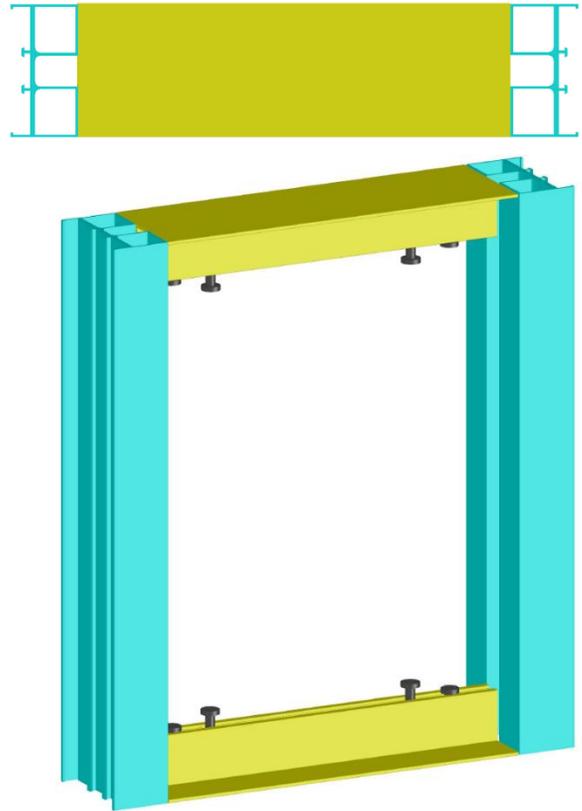
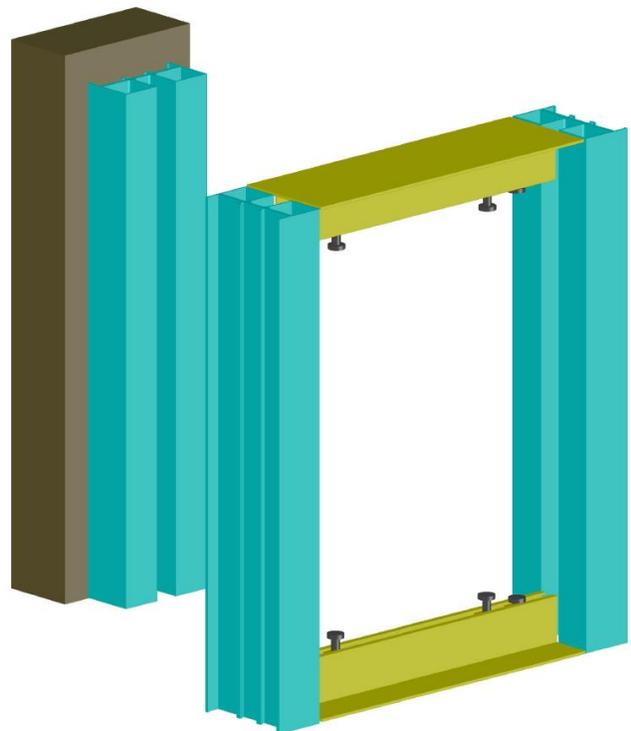
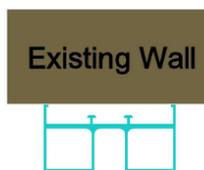


Fig. 10



Nxtwall Installation Instruction

12. Measure for View Guide attaching to the floor and ceiling at the Wingback section. Fig. 11.

- a. This section will be using the View Track Curve Cut. The View Guide is measured for separately.

13. Install Leveling Bolts into the View Guide.

14. Attach the View Guide to the ceiling and the floor. Fig. 12.

Fig. 11

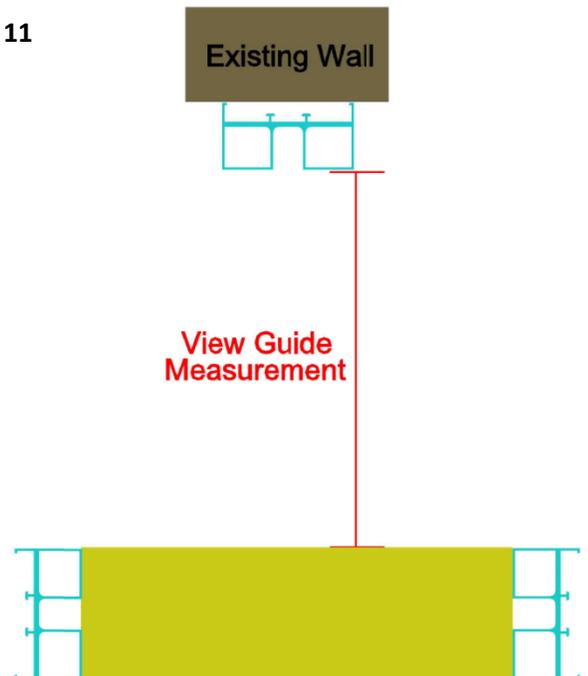
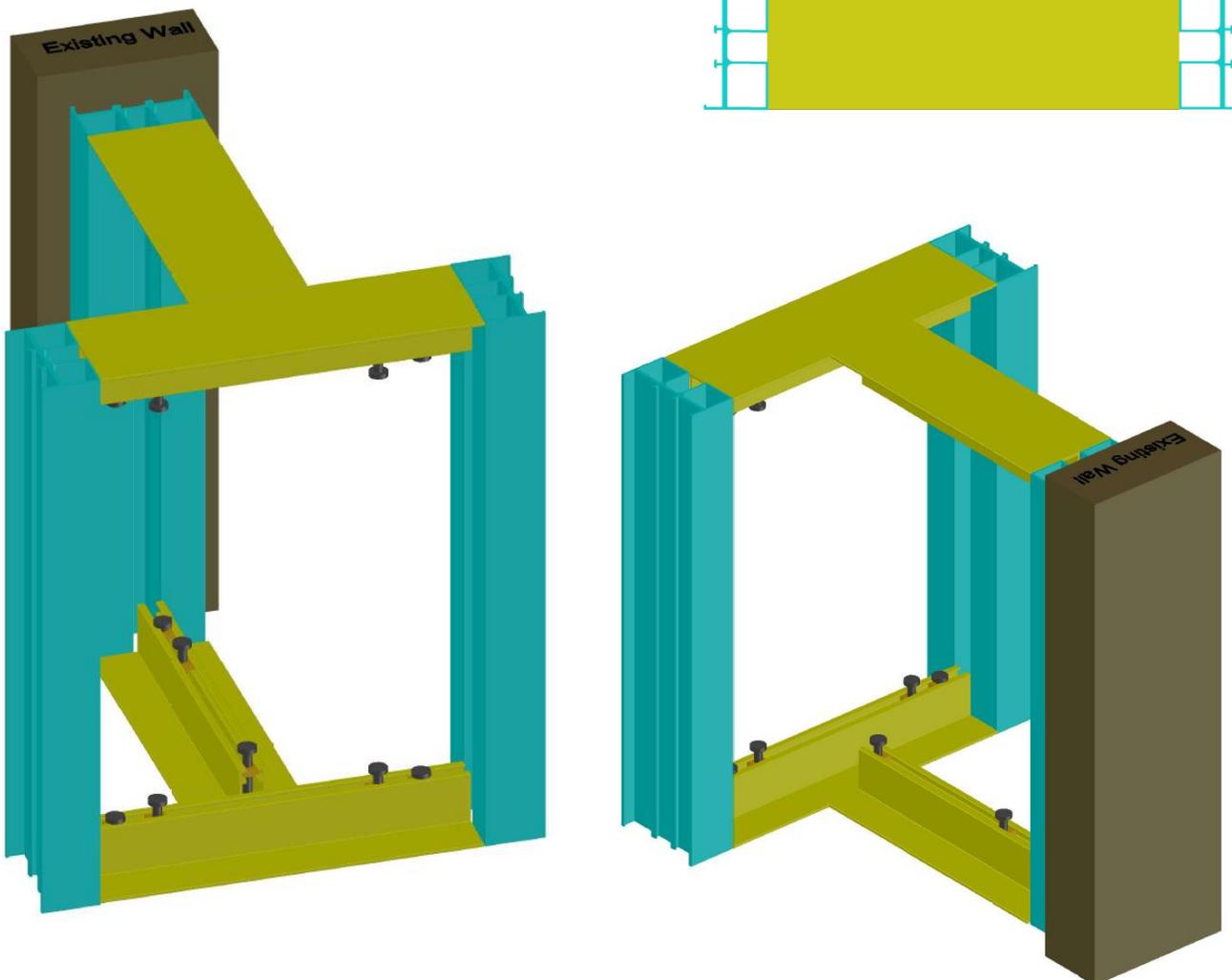


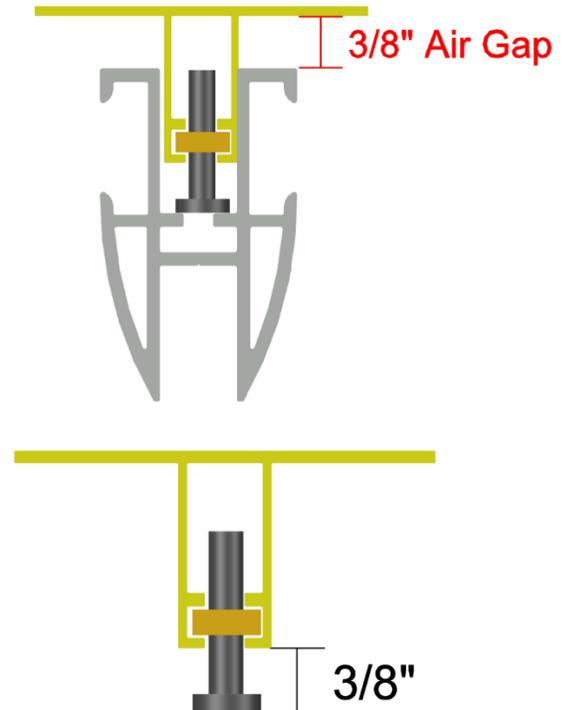
Fig. 12



Nxtwall Installation Instruction

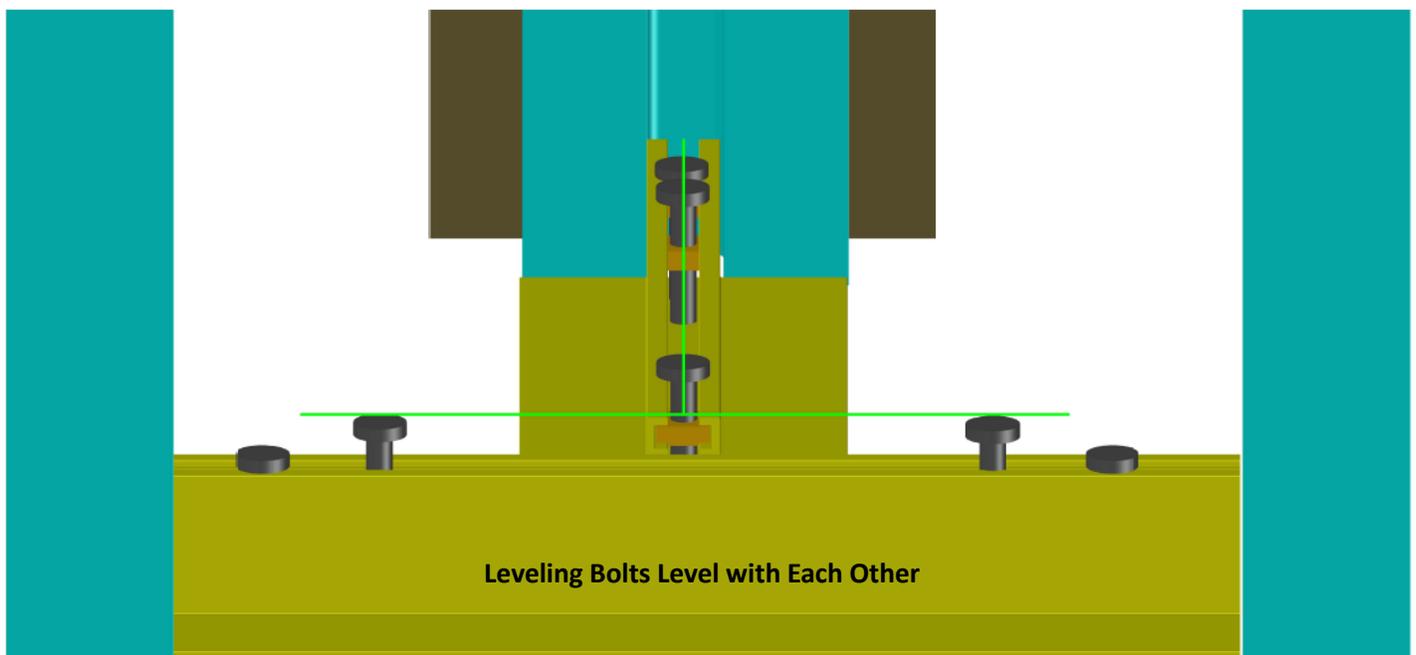
15. **Important Step:** Adjust the Leveling Bolts in the View Guide. The Leveling Bolts must be level with each other on each side.
- The purpose of the Leveling Bolts is to level the View Track. This is important to ensure the opening for the glass is square.
 - When the View Track is installed there must be a minimum 3/8" Air Gap between the View Track and View Guide. Fig. 13.
 - To achieve this, set the first leveling bolt at 3/8" to the top of the bolt on the door opening side. Fig. 13.
 - 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. 13



****Repeat at the Floor****

Fig. 14



Nxtwall Installation Instruction

16. Prep the View Track attaching to the ceiling. Fig. 15.

- a. Pre-drill 1/4" holes for the attaching screws. Include at least two holes. For longer lengths drill holes every 3' – 4'.

17. At the front of the partition temporarily attach the View Track to the View Guide at the ceiling and place the View Track onto the View Guide at the floor. Fig. 16.

- a. Note: The View Track will be removed, prepped, and reinstalled.
- b. Attach the View Track to the View Guide using 4" attaching screws.

Fig. 15

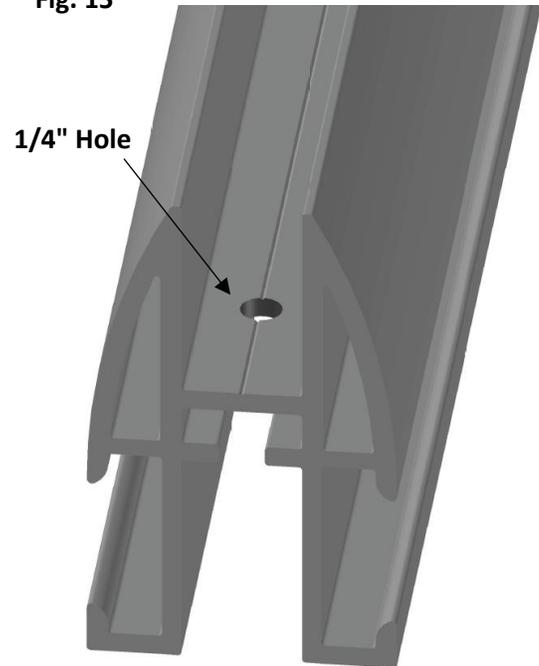
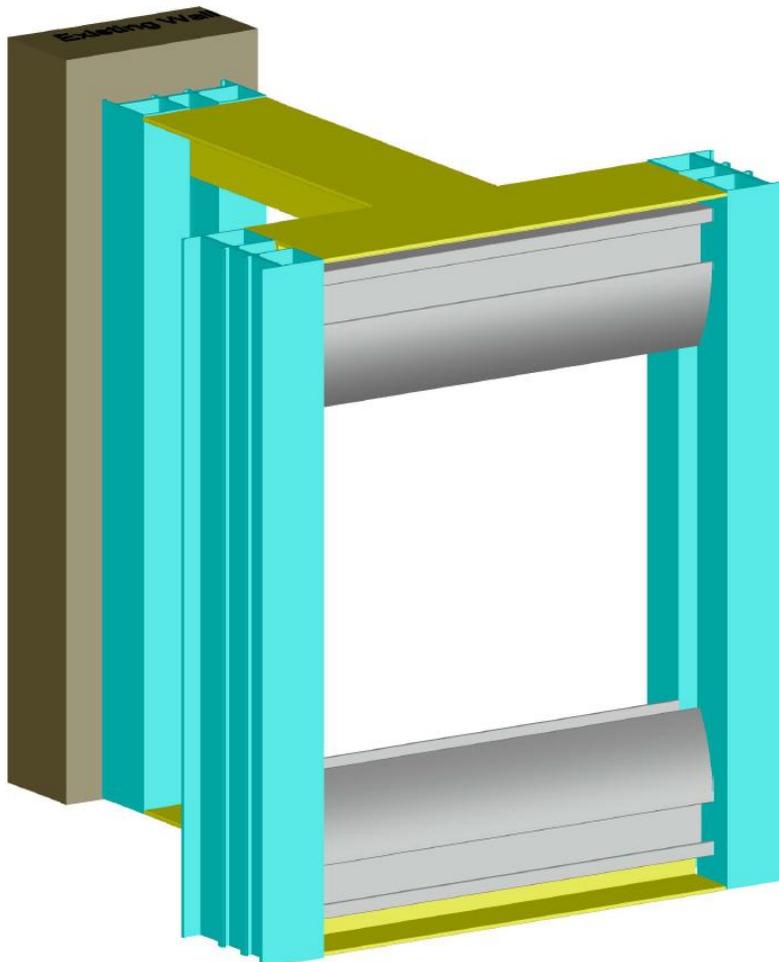


Fig. 16



Nxtwall Installation Instruction

18. Measure for the View Track Curve Cut for the Wingback section. Fig. 17.
- Note: The Curve Cuts come in 2' - 4' lengths. Depending on the length of the Wingback section the Curve Cut may not need to be cut.
 - Measurement location will be the same for the floor and the ceiling.
19. Temporarily place the View Track Curve Cut onto the View Guide at both the floor and the ceiling. Fig. 18.

Fig. 18

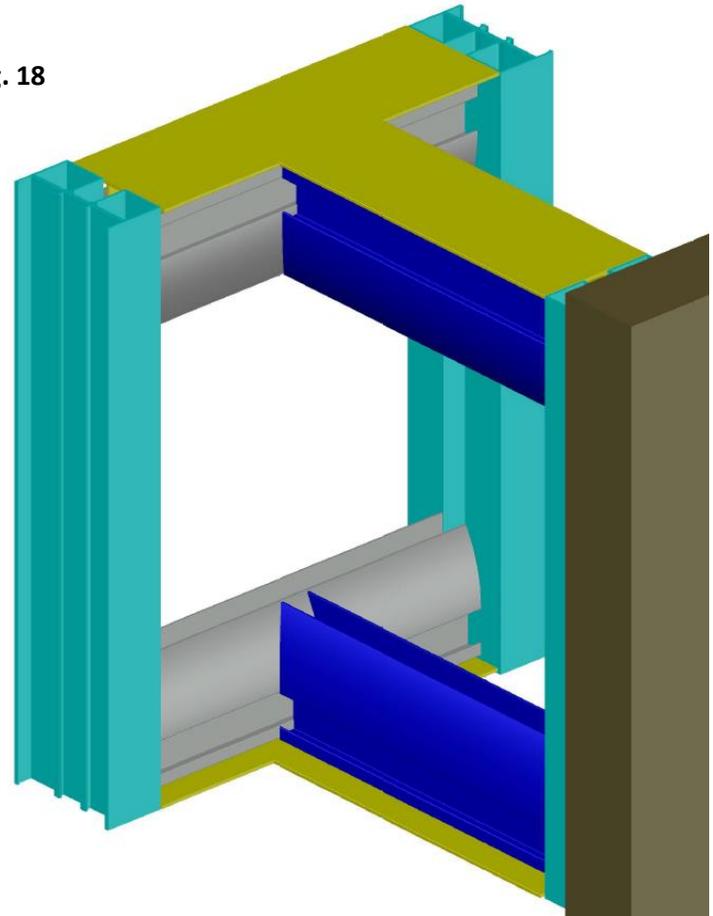
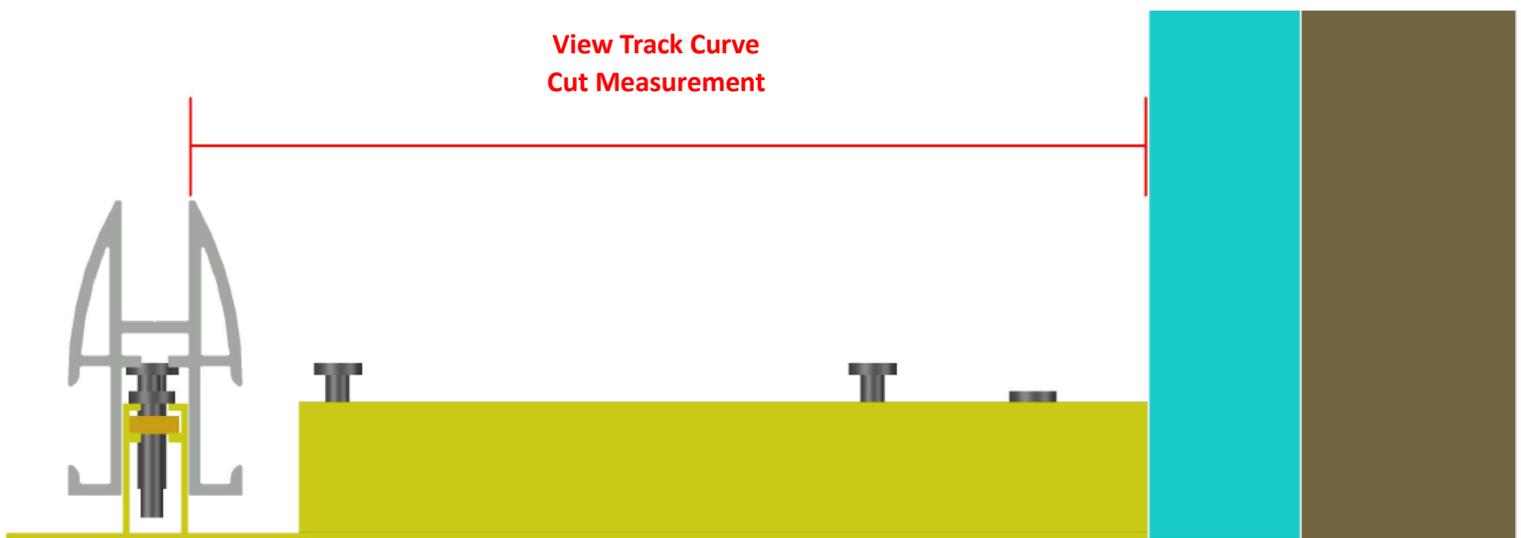


Fig. 17



Nxtwall Installation Instruction

20. Mark the location where the Curve Cut intersects with the View Track at the front. Fig. 19.
21. Remove the Curve Cuts and the View Track at the front.
22. Notch each piece of the View Track at the marked location.

- a. The notch will allow the glass at the Wingback section to butt into the glass at the front of the partition.
- b. To notch the View Track lay the Track onto the saw and cut into the side of the Track at the marked location. Cut deep enough into the Track to remove one wall of the track. Cut small sections into the track between the notches, use pliers to remove the section of the track. Fig. 20.

Fig. 19

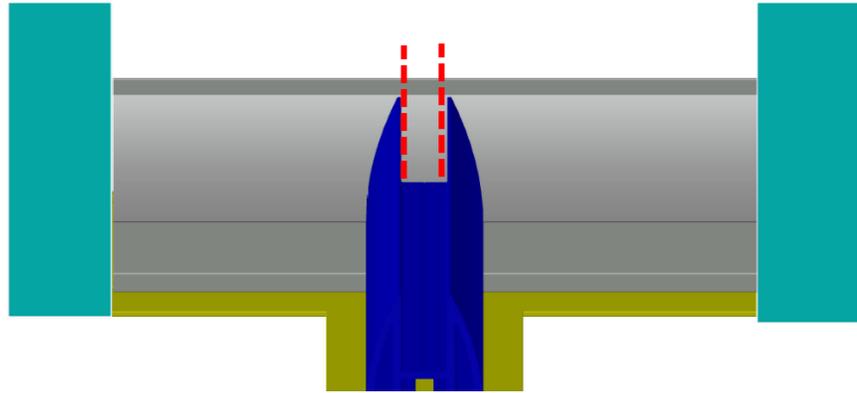


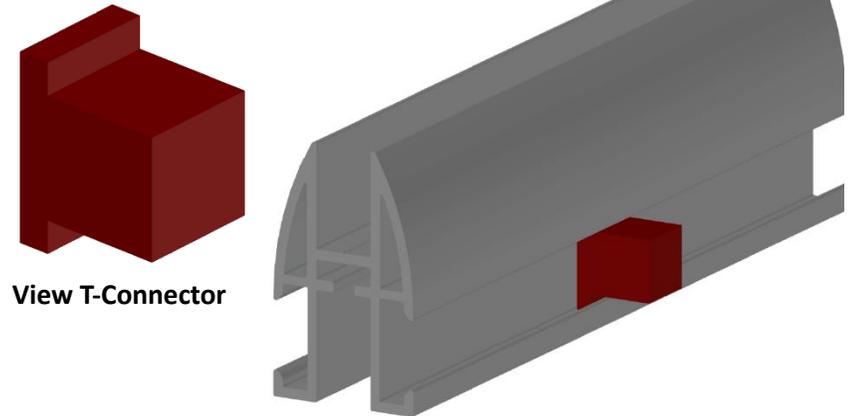
Fig. 20



Nxtwall Installation Instruction

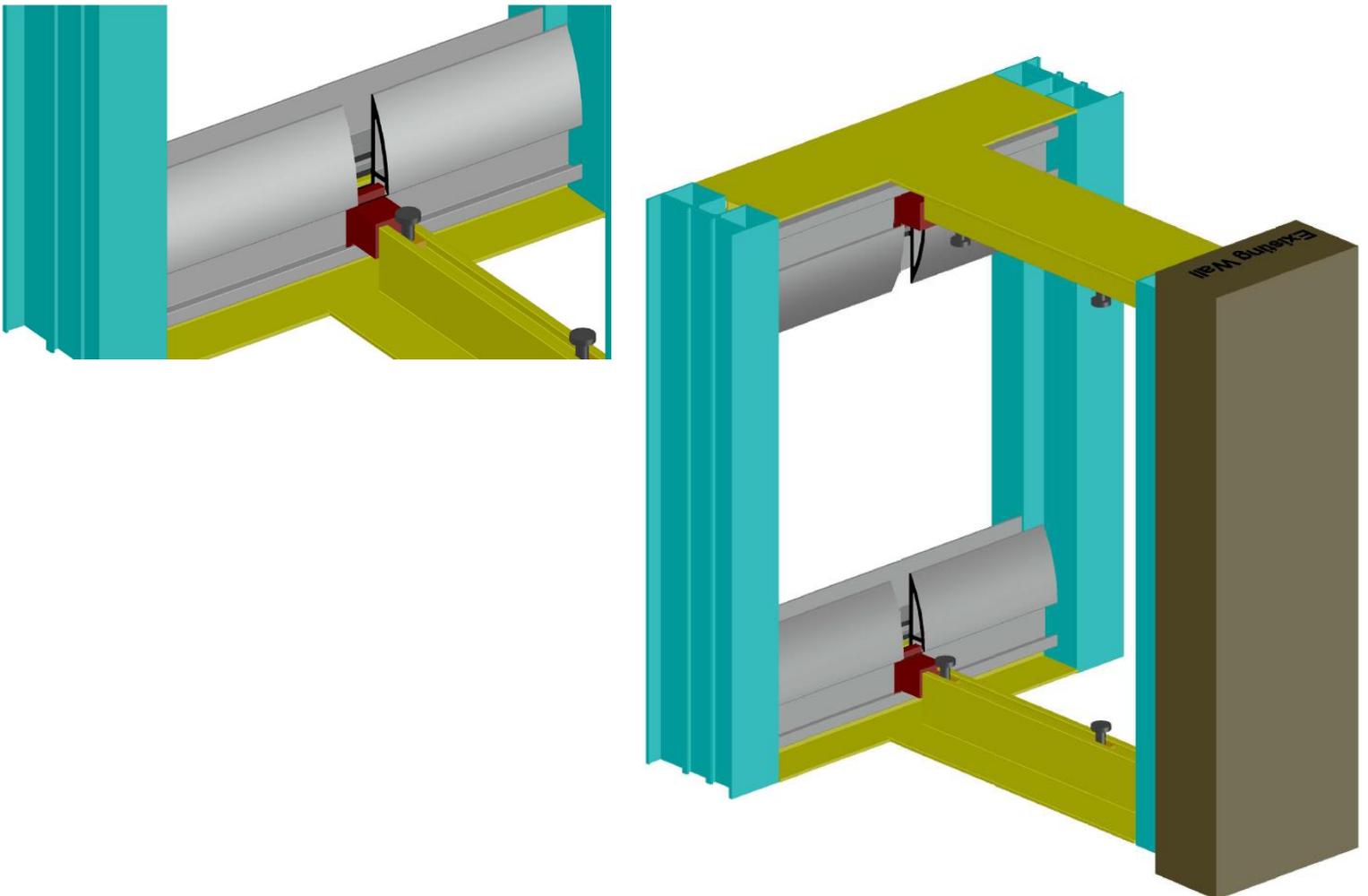
23. Slide View T-Connector in the View Track. Fig. 21.
 - a. The T-Connector is used to connect the View Track to the Curve Cut.
24. Reinstall the View Track at the front of the partition at the floor and the ceiling. Fig. 22.
25. Place the T-Connector to align with the Wingback section. Fig. 22.

Fig. 21



View T-Connector

Fig. 22



Nxtwall Installation Instruction

26. Install the Curve Cuts onto the View Guide at the floor and the ceiling. Make sure the Curve Cut aligns with the notch in the View Track. Fig. 23.

27. Install the View "T" Track Joiner. Fig. 24.

- a. Place the joiner into the View Track, create a tight fit between the Curve Cut and View Track, attach using 5/8" framing screws.

28. Framing complete.

Fig. 23

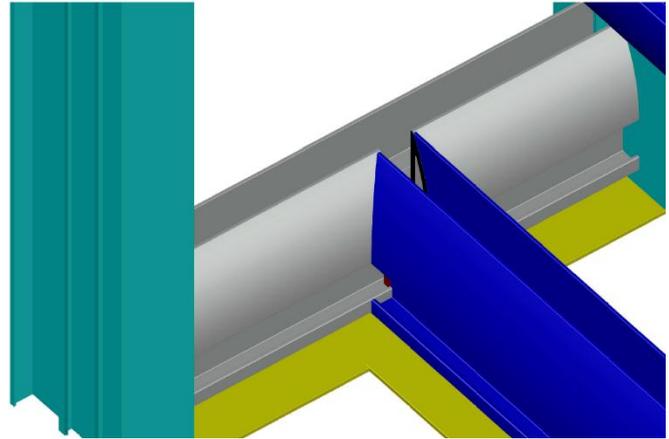
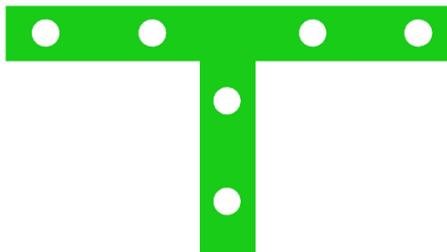
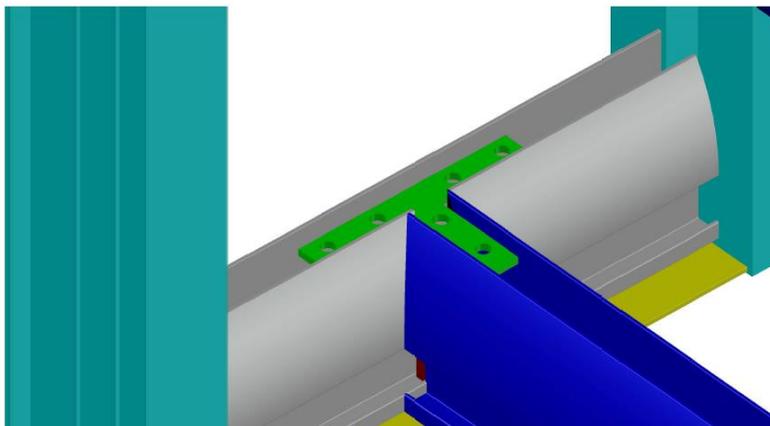
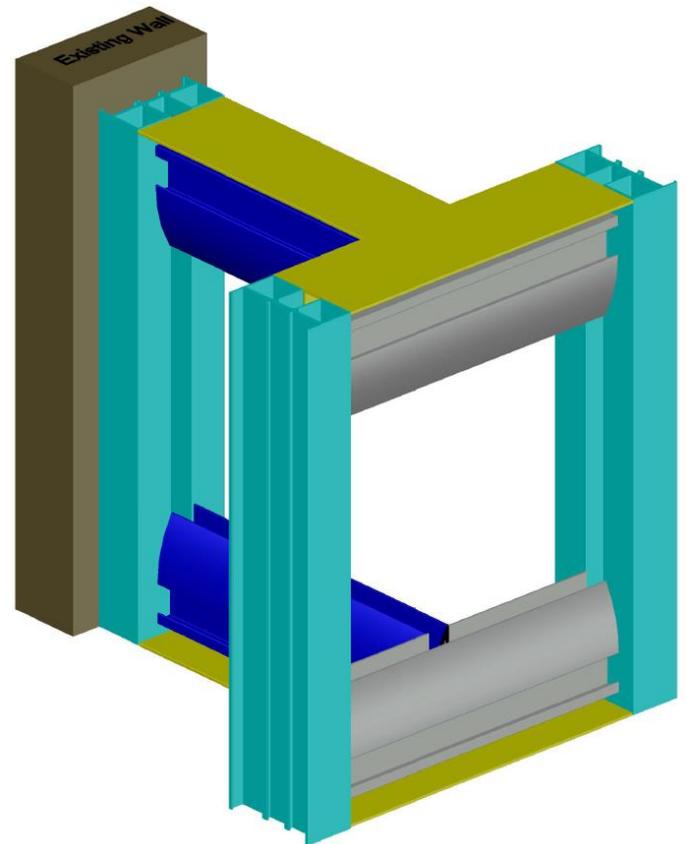


Fig. 24



View T Track Joiner



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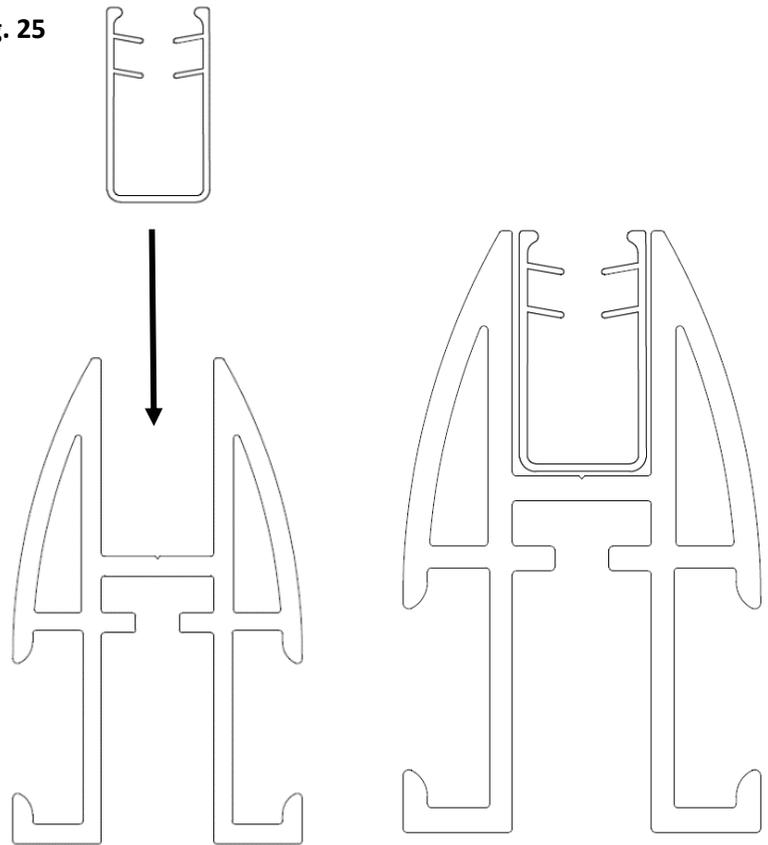
Glass Channel Installation

For Wingbacks both the View Track Glass Channel and the View Wall-Start Glass Channel profiles will be used.

- View Track Glass Channel Fig. 25
- View Wall-Start Glass Channel Fig. 26
 - o To differentiate the two different profiles “WALL-START” is printed on the side of the Wall-Start Glass Channel.

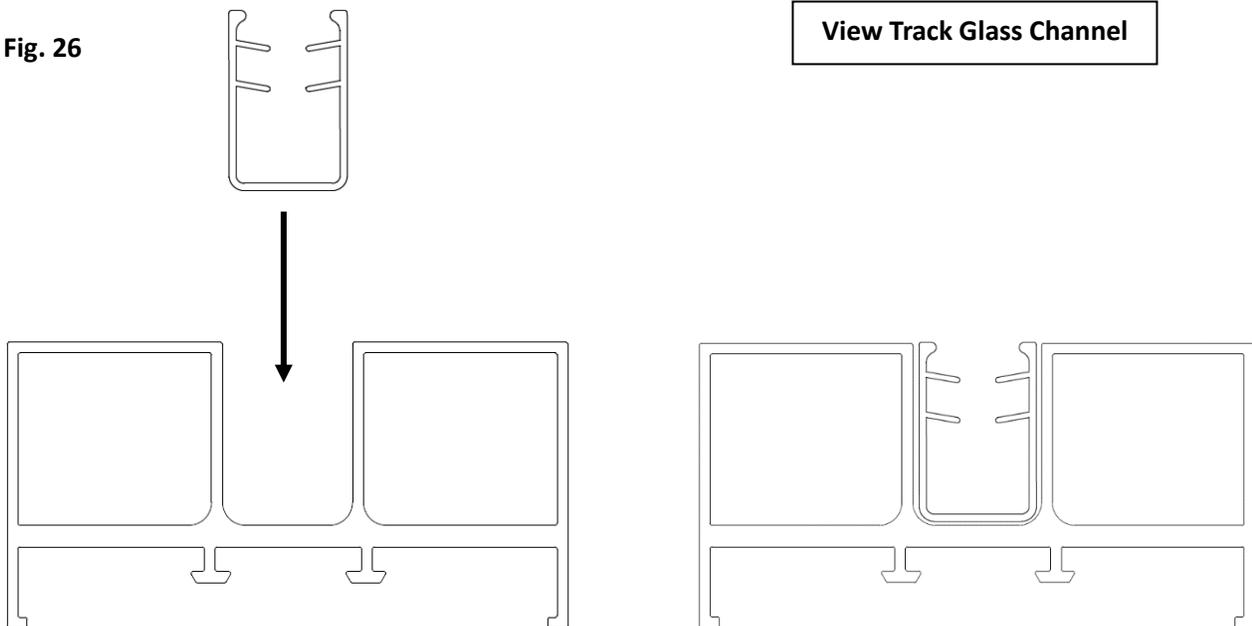
Note: In the situation where there is a single piece of glass at the front of the wall between the View Wall-Starts it will need to be treated as a single sidelight. The main difference is how the Glass Channel is used for Single Sidelights. Reference the “View Series Single Sidelight” guide for more information.

Fig. 25



View Track Glass Channel

Fig. 26



View Wall-Start Glass Channel

Nxtwall Installation Instruction

Glass Channel Installation: View Track

29. At the front of the partition measure for the View Track Glass Channel at the floor and ceiling. Fig. 27.

- a. Measure Wall-Start to Wall-Start add 1 3/4"
- b. On the Wall-Start side the Glass Channel will be inside each Wall-Start.

30. Place the Glass Channel into the Track. Fig. 28.

31. On the Glass Channel mark the location where the Curve Cut intersects with the View Track at the front.

32. Notch the Glass Channel at the marked location. Fig. 29.

- a. This will allow the glass to come through.
- b. Cut out the Glass Channel around the T Joiner to allow the Glass Channel to sit into the View Track.

33. Remove the backing tape and install the Glass Channel into the View Track. Use a long object to adhere the Glass Channel to the inside of the View Track.

- a. For the Glass Channel going into the View Track at the ceiling notch the glass channel at the attaching screw locations and the T Track Joiner.

Fig. 27

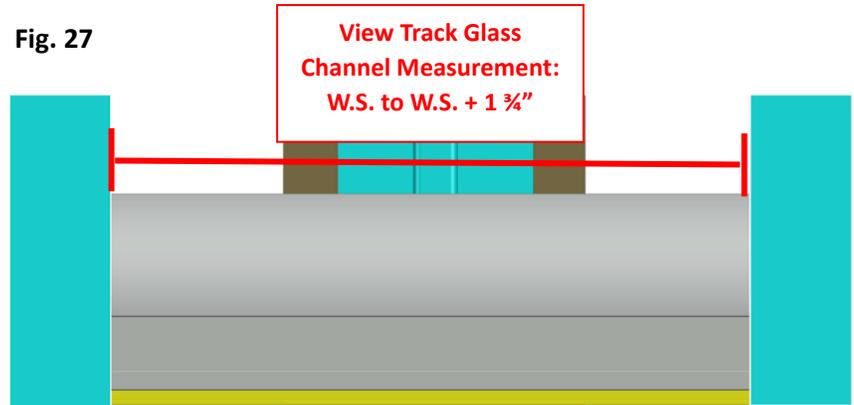


Fig. 28

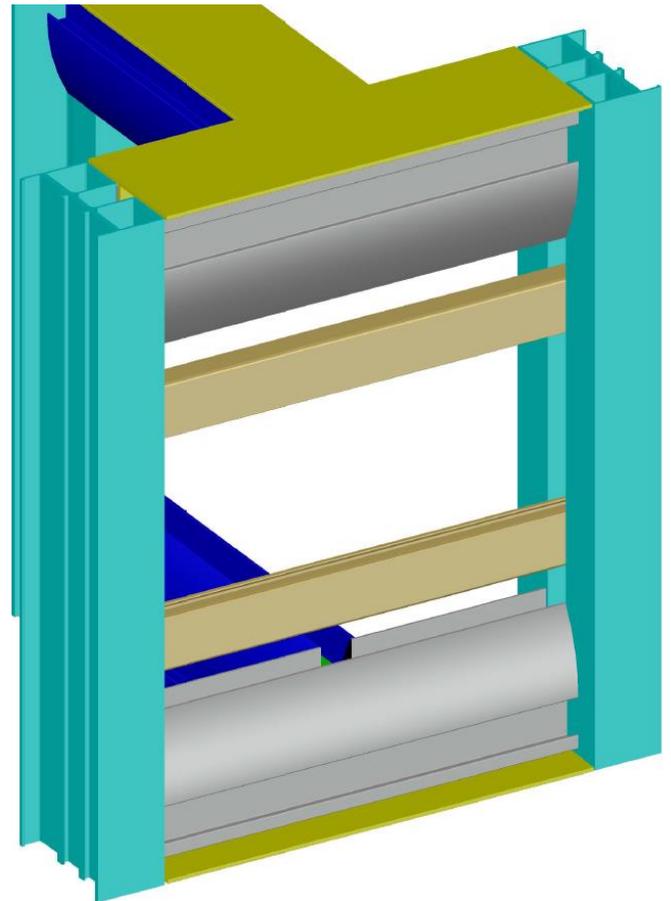
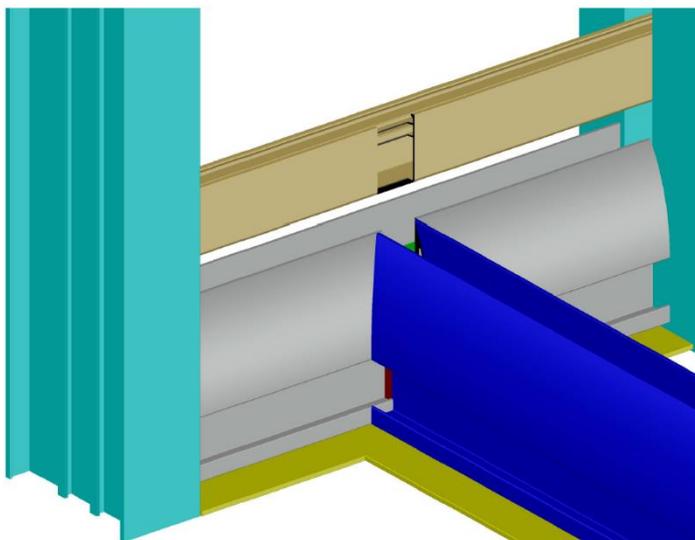


Fig. 29



Nxtwall Installation Instruction

34. Measure for the Glass Channel installing into the View Track Curve Cut. Fig. 30.
 - a. Measure Wall-Start to the View Track at the front add 3/4"
35. Remove the backing tape and install Glass Channel into the View Track Curve Cut at the floor and the ceiling.

Fig. 30



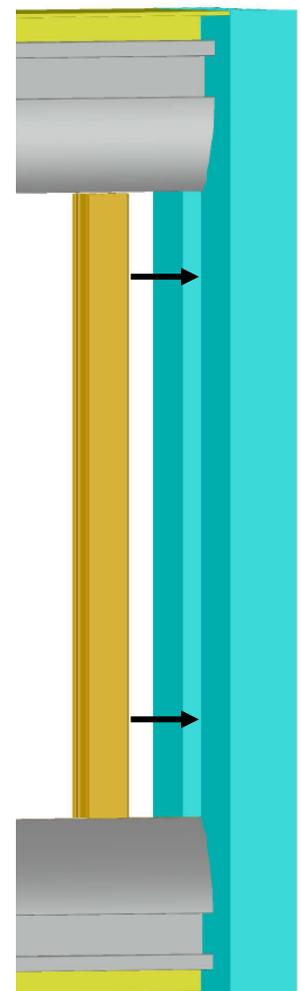
Glass Channel Installation: View Wall-Start

36. 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. 31.
37. Notch out the attaching screw locations on the Glass Channel.
38. Remove the backing tape from the Glass Channel and insert it into the Wall-Start in the proper location. Fig. 32.
 - 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.
39. Repeat this process for the other Wall-Starts.
40. Wall-Start Glass Channel installation complete.

Fig. 31



Fig. 32



Glass Shim Installation

41. With the Glass Channel in place the shims for the glass panels can be installed.
 - a. The shims are 1/2" W x 3/4" H. Fig. 28.
 - b. Use two shims per pane of glass. The shims need to be on each corner of the glass.
 - c. The shims will only be installed in the View Track on the Floor.
 - d. The shims can be cut in half if needed.
42. To install the shims press the shims into the Glass Channel/View Track. Fig. 34.
 - a. Before installing the glass space the shims to ensure the shims are on each corner of the glass.

Fig. 33

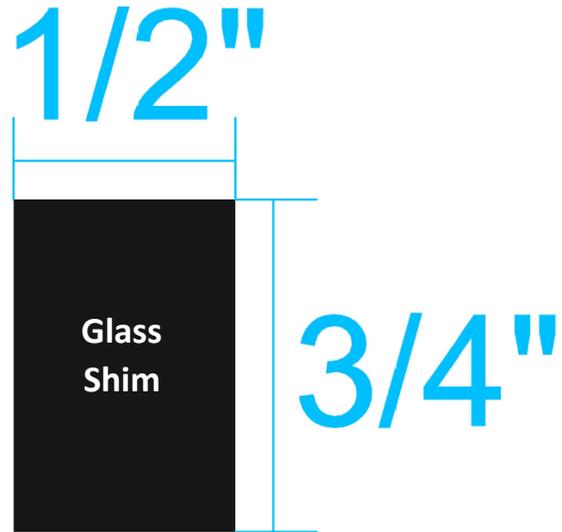
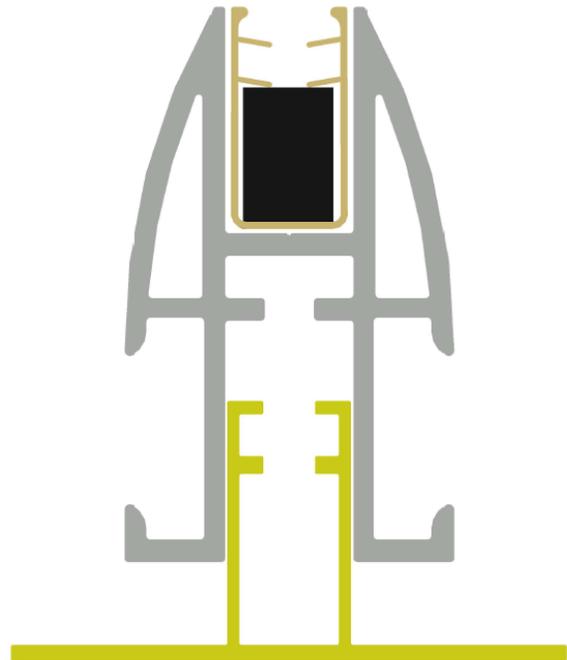
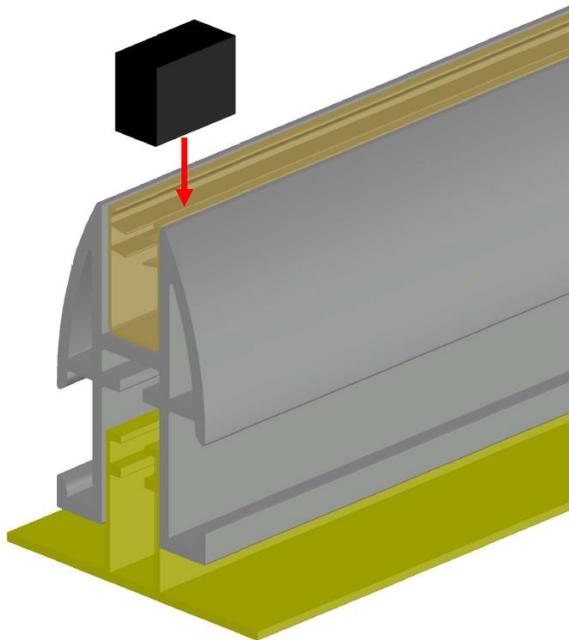


Fig. 34



Nxtwall Installation Instruction

Glass Measuring: Wingback

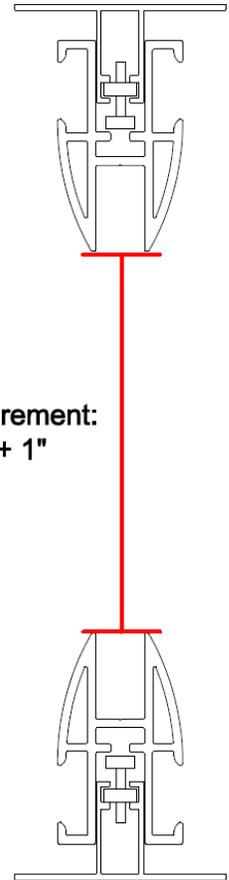
43. Measure the Height of the Glass. Fig. 35.

- a. Glass Height: Visual Opening + 1"

44. Measure the Width of the glass at the front of the partition.

- a. For the front of the partition when there are MULTIPLE PANES of glass measure the Visual Opening and Add 1/2". Fig. 36.
 - i. This measurement will be divided by the quantity of panes shown on the drawing.
- b. For the front of the partition when there is a SINGLE PIECE of glass measure the Visual Opening and Subtract 1/8". Fig. 37.

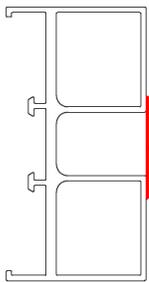
Fig. 35



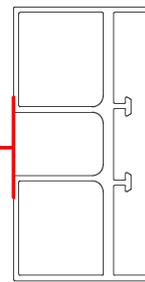
Glass Height Measurement:
Visual Opening + 1"

Fig. 36

View Wall-Start



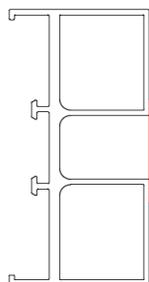
View Wall-Start



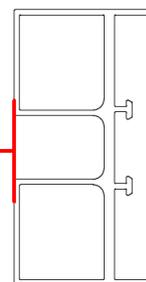
Multiple Panes Width Measurement:
Visual Opening + 1/2"

Fig. 37

View Wall-Start



View Wall-Start



Single Sidelight Width Measurement:
Visual Opening - 1/8"

Reference Single Sidelight
Installation Guide for more
information on how to
install a Single Sidelight.

Nxtwall Installation Instruction

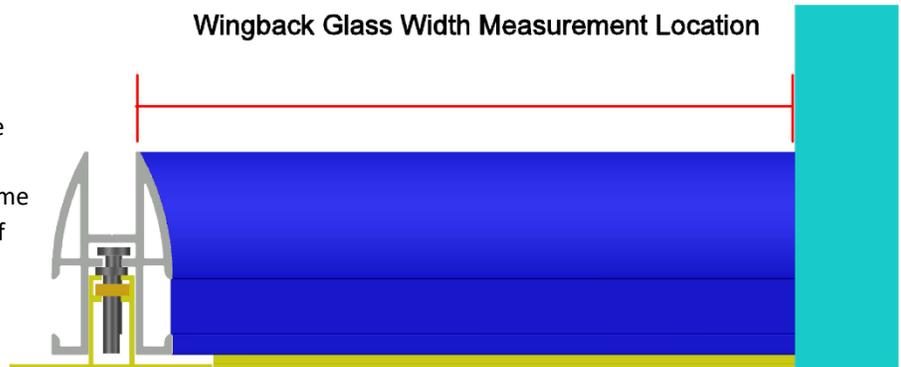
45. Measure the width of the glass at the Wingback section of the partition.

Fig. 38.

- a. For the Wingback section measure from the Wall-Start to the end of the Curve Cut and add 1/2".
 - i. The measurement is the same for one or multiple panes of glass.

Fig. 38

Wingback Glass Width Measurement Location



Glass Installation: Wingback Section – Single Pane of Glass

46. When installing the glass start with the Wingback section. Fig. 39.

- a. To install the glass, lift the glass into the ceiling track first. The glass will go into the Wingback section and the View Track at the front. Then, bring the glass over the floor track. Lastly, place the glass on the shims in the floor track.
- b. To assist with the installation of the glass spray glass cleaner onto the glass channel to act as a lubricant between the glass and the glass channel.

47. Slide the glass into the Wall-Start. This will allow space for the pane(s) of glass at the front to be installed. Fig. 40.

Fig. 39

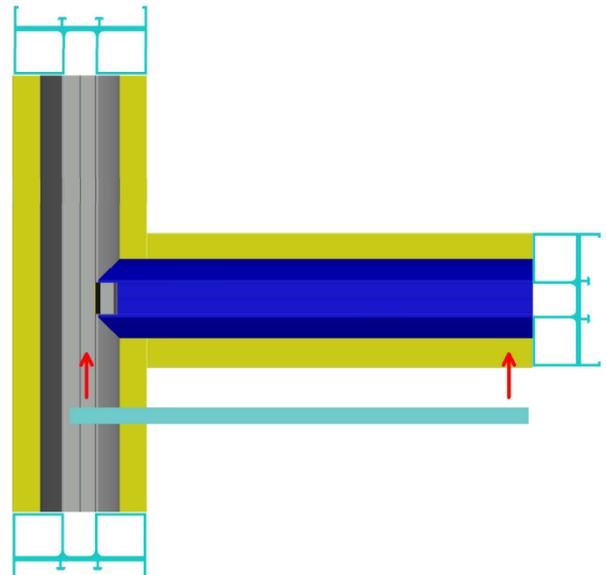
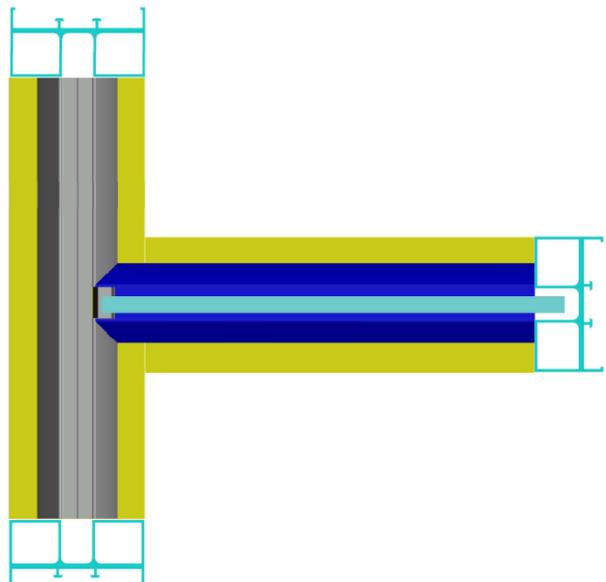


Fig. 40



Nxtwall Installation Instruction

Glass Installation: Wingback Section - Multiple Panes of Glass

48. Repeat steps 46-47.

- a. When there are multiple panes on a Wingback section install one piece of glass and slide it towards the front of the partition or into the Wall-Start. This will allow space for the other pane(s) to be installed. Fig. 41 and 42.
- b. An H Channel Polycarbonate will be installed between each piece of glass.

Fig. 41

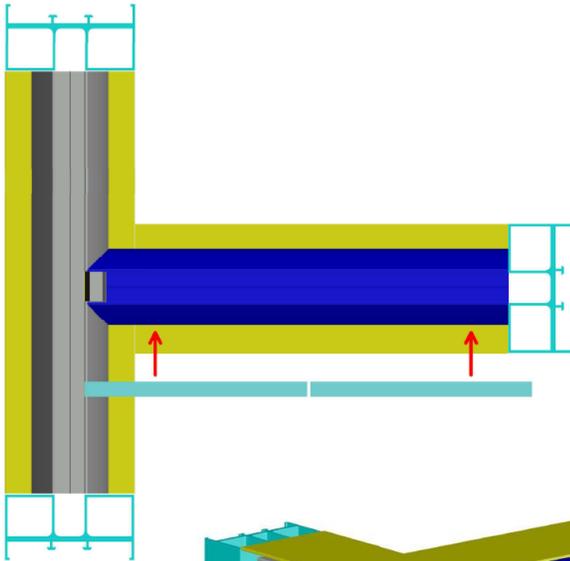
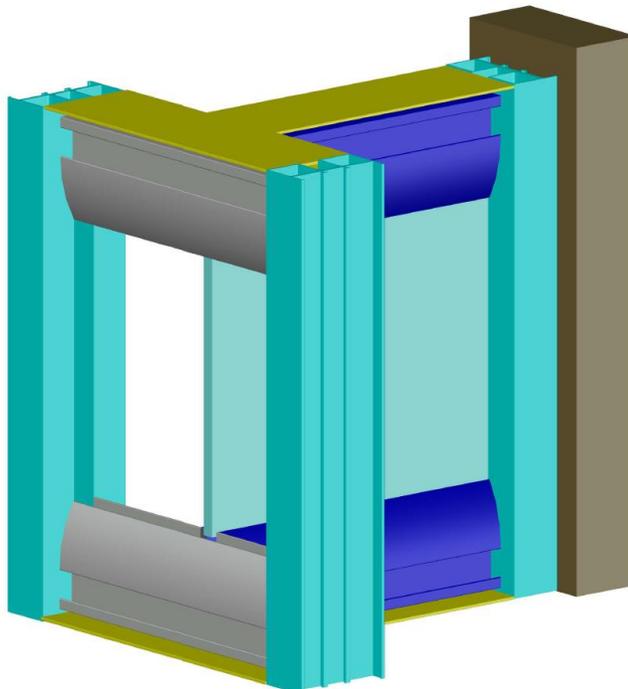
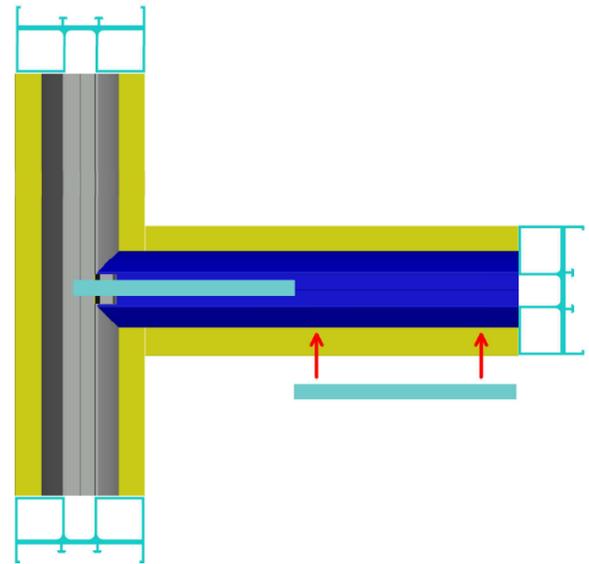


Fig. 42



Wingback Glass Installed

Nxtwall Installation Instruction

Wingback Section: Bubble Polycarbonate Installation

49. On the glass at the Wingback section a Bubble Polycarbonate will be installed.

Fig. 43.

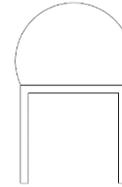
- a. The Bubble Polycarbonate will allow the Wingback section of glass to butt into the glass at the front of the partition.

50. Measure and install the Bubble Polycarbonate. Fig. 44.

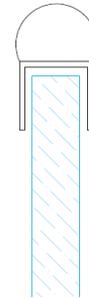
- a. The measurement is the Visual Opening between the View Track at the floor and the Ceiling.
- b. For installation press the polycarbonate onto the edge of the glass.

Fig. 43

Bubble Polycarbonate

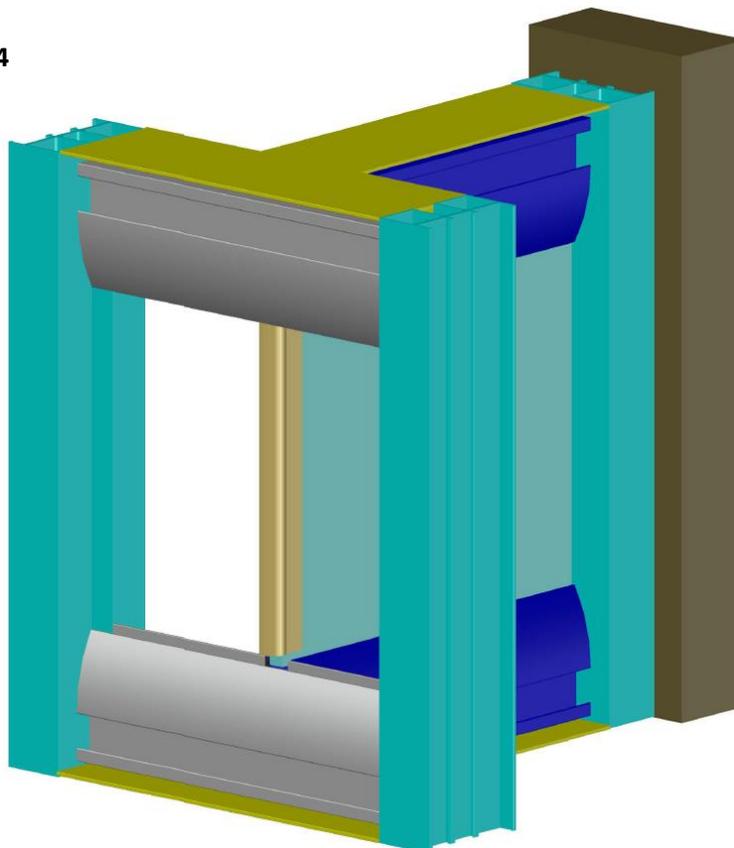


Front of Partition Glass



Wingback Glass

Fig. 44



Nxtwall Installation Instruction

Glass Installation: Front of Partition

51. With the Wingback section of glass installed the glass at the front of the partition can be installed.
52. Install the glass into the front of the partition. Fig. 45.
 - a. To install the glass, lift the glass into the ceiling track first. Then, bring the glass over the floor track. Lastly, place the glass on the shims in the floor track.
 - b. To assist with the installation of the glass spray glass cleaner onto the glass channel to act as a lubricant between the glass and the glass channel.
53. Slide the glass into the Wall-Start. This will allow space for the panes of glass at the front to be installed. Fig. 46.
 - a. Note: If there is a Single Sidelight in the front reference the Single Sidelight installation guide.
54. Install an H Channel Polycarbonate between the panes of glass and bring the panes of glass tight together.
55. Slide the Wingback section of glass tight to the glass in the front of the partition. The Bubble Polycarbonate will seal against the glass at the front of the partition.
 - a. In the situation where the Wingback intersects with an H Channel Polycarbonate the Bubble Polycarbonate will press against the H Channel Polycarbonate. Fig. 47.
 - b. See next page for possible intersecting locations.

Fig. 45

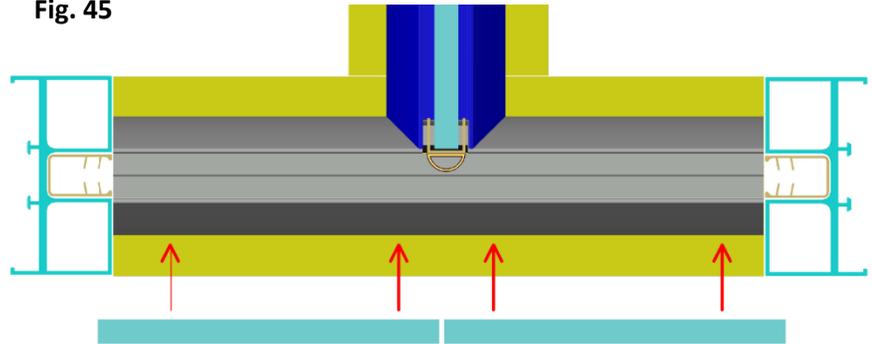


Fig. 46

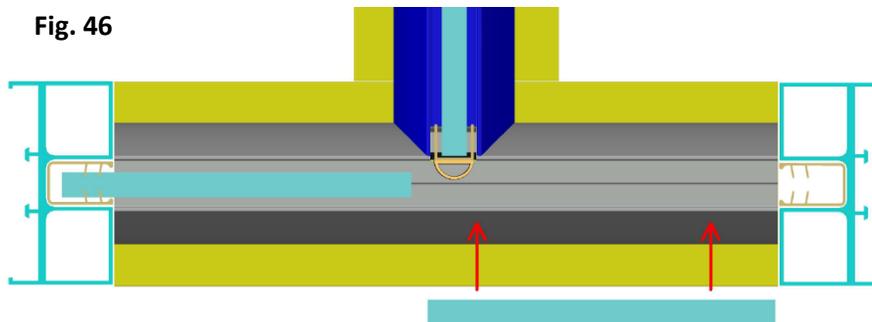
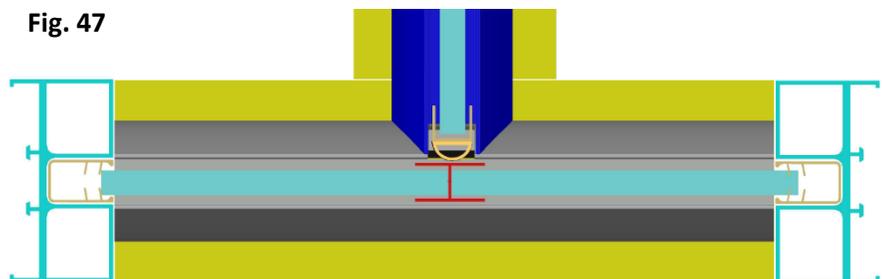


Fig. 47



Glass Installation: Intersecting Locations

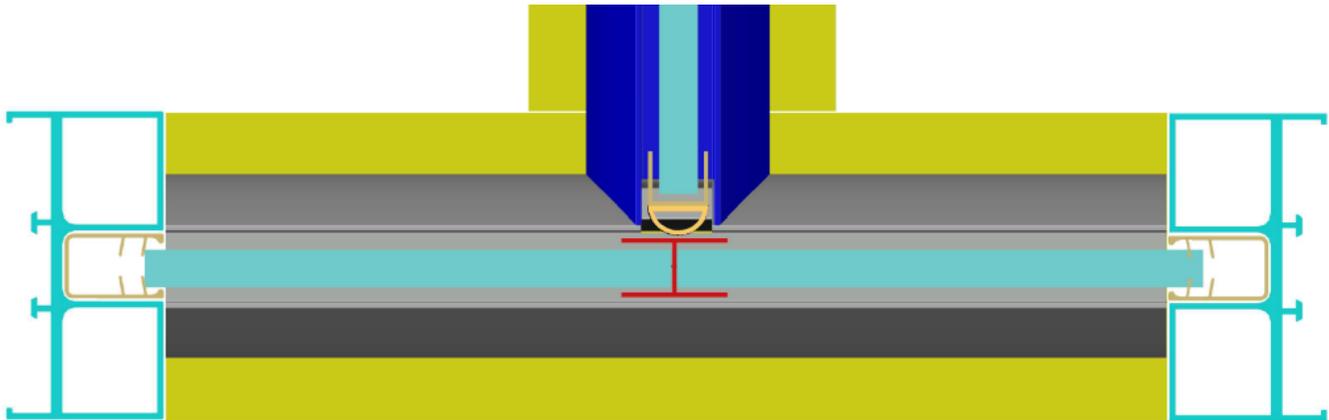


Fig. 48: Wingback glass intersecting with the H-Channel at the front of the partition.

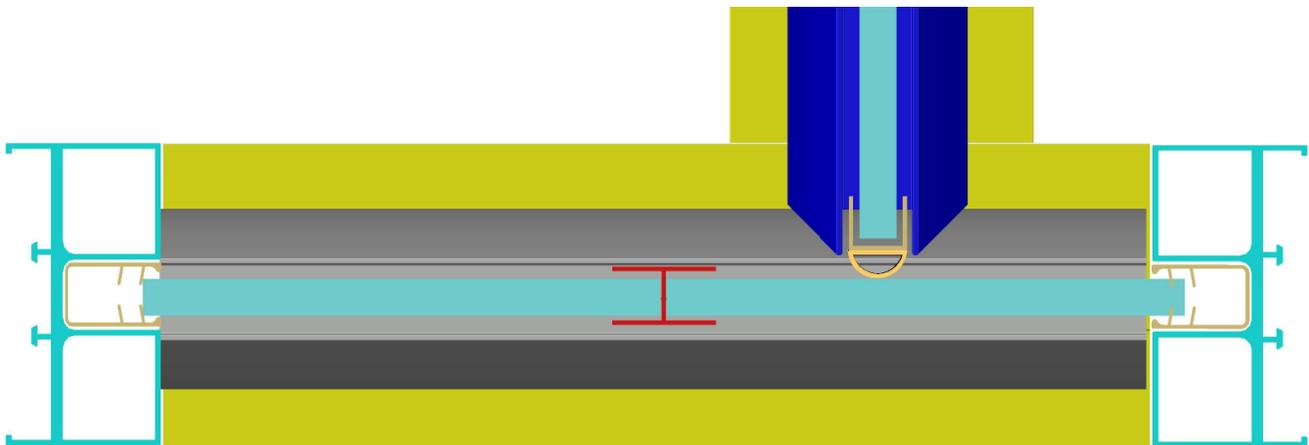


Fig. 49: Wingback glass intersecting with the glass at the front. Intersection offset from the H-Channel.

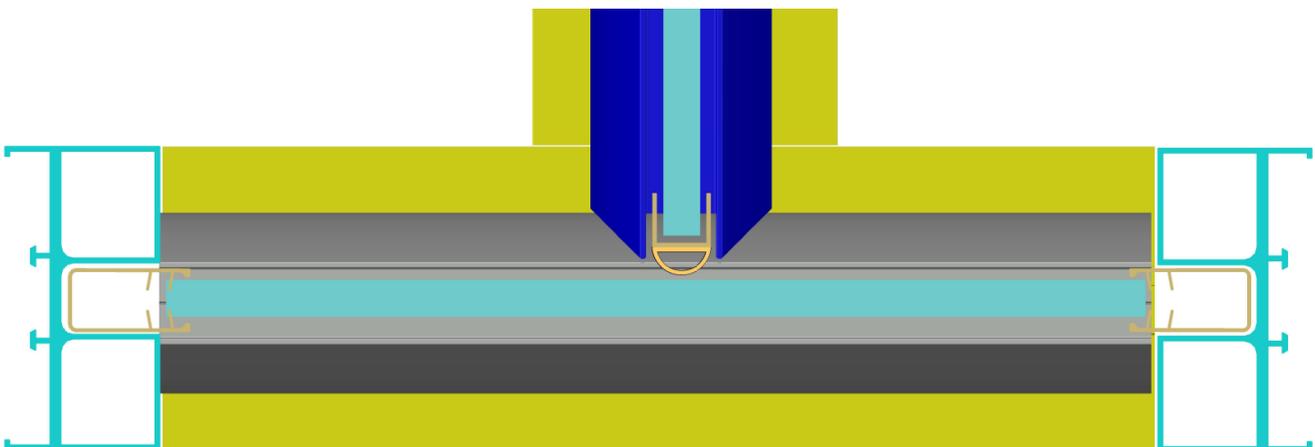


Fig. 50: Wingback glass intersecting with a Single Sidelight at the front of the partition.

Nxtwall Installation Instruction

56. Installation complete. Fig. 51.

Fig. 51

