

Nxtwall Installation Instruction

Installation Scenario:

View Series Radius Post Installation.

- This guide covers how to install a Radius Post for Floor to Ceiling Applications.
- This guide applies to all View Series applications.

Nxtwall Components Covered by this Instruction:

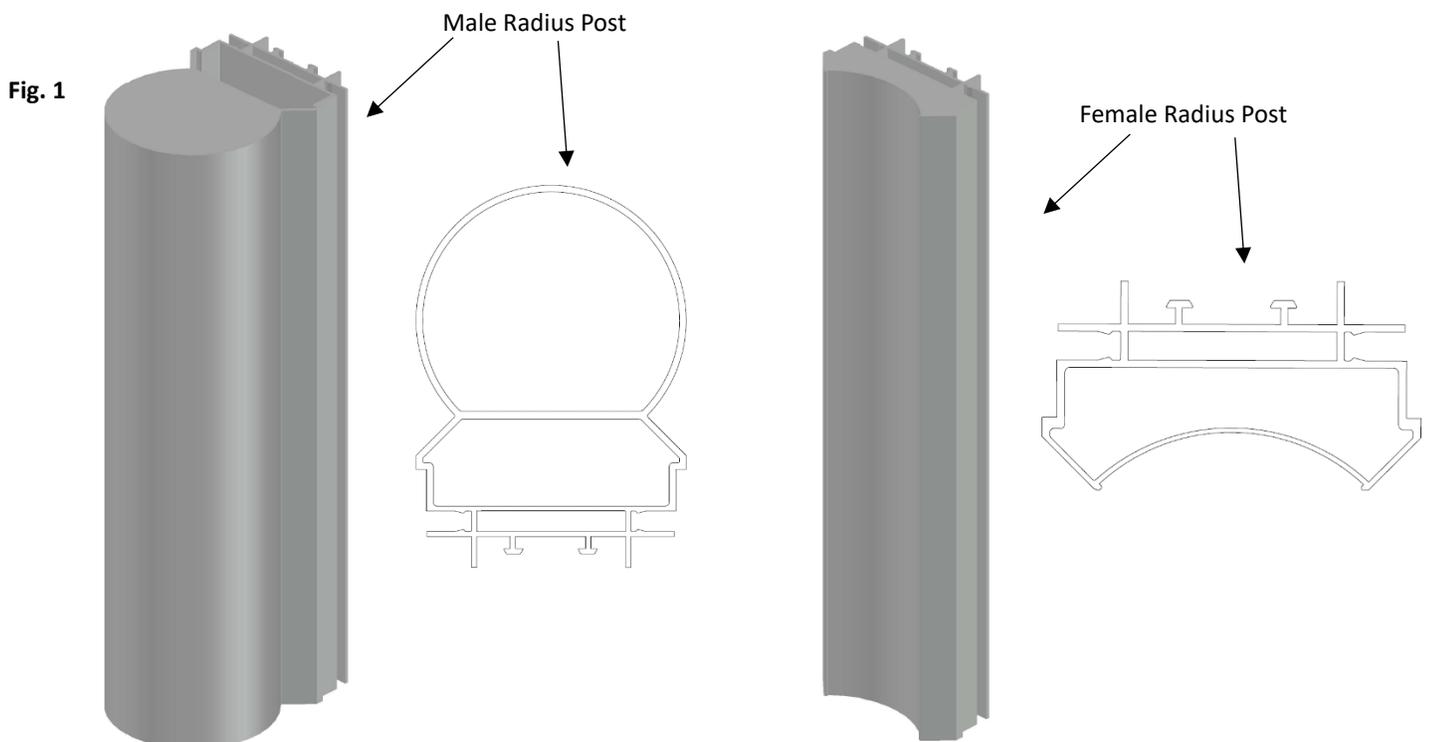
- Male Radius Post
- Female Radius Post
- View Wall-Start
- Finish Cover
- Flex Track
- Flex L-Brackets
- View L-Brackets

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.
- Cabling/Bracing (If Needed)
 - Note: Nxtwall does not include cabling/bracing.

Male and Female Radius Post Function

- The function of the Radius Post is to create angled Partitions within the layout of the wall system.



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Male and Female Radius Post Function:

- With the View Series there is an option to use a Male and Female Radius Post to create angled partitions.
 - The Female Radius Post rotates around the Male Radius Post to create the angle needed. Fig. 2.
 - The Radius Posts have a Flex Stud built into the Post.
 - The angle the Radius Posts are set is determined on site.
 - Note: With the View Series there is an option to create angles by mitering the View Track/Guide without using the Radius Posts.
- If there is a partition coming off an angled existing wall a Male Radius Post will be attached to the existing wall and the Female Radius Post will be used to square the partition to another partition or existing wall. More information on this detail on page 14.
- Once the Radius Posts are in place Flex Trim will be installed onto the Stud portion of the Radius Post to finish the Posts. Fig. 3.

Fig. 2

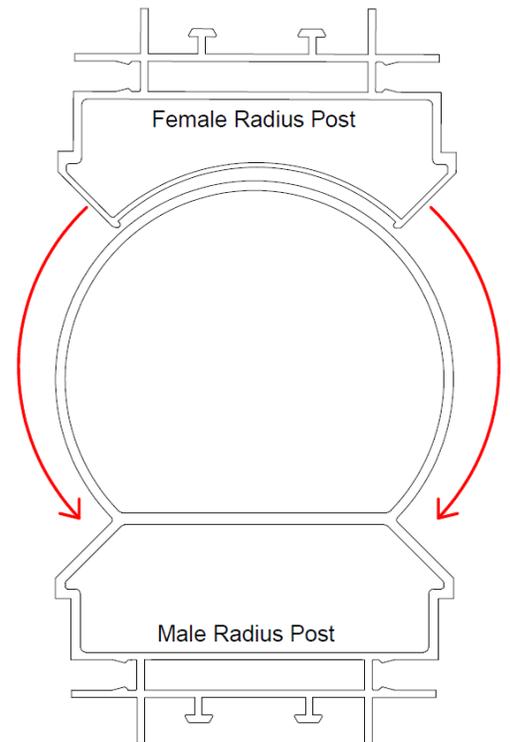
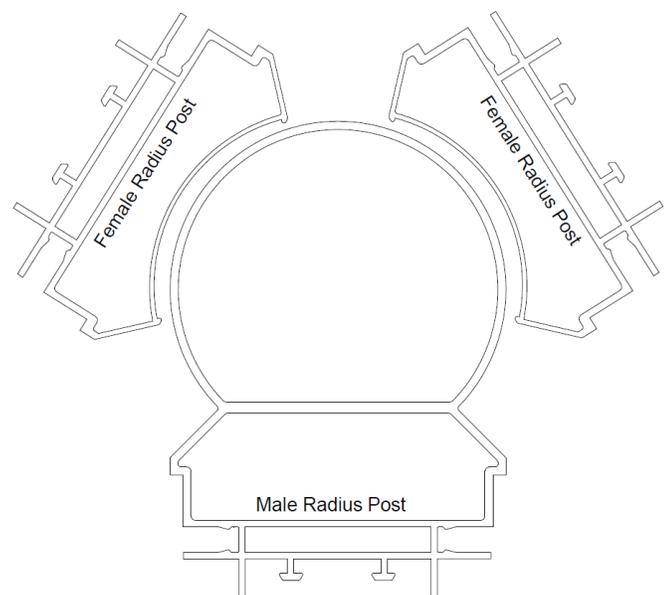
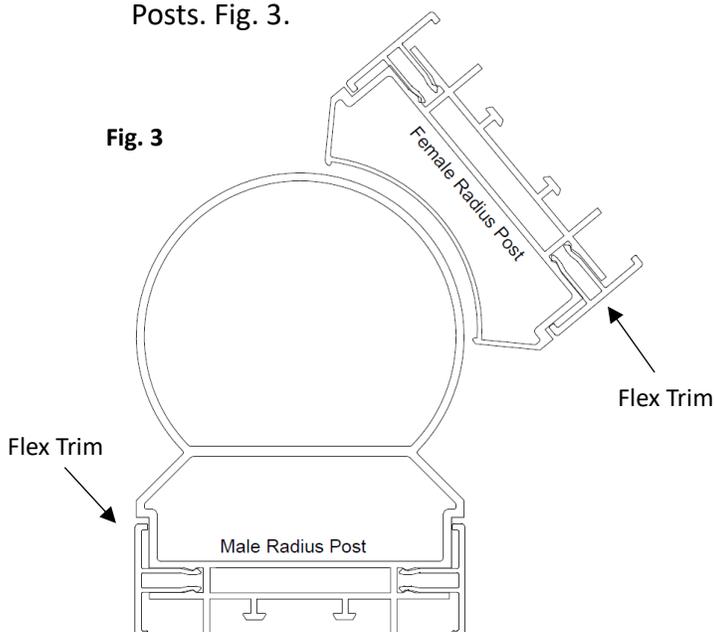


Fig. 3



Example of a 3 Way Radius Post

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Radius Post Installation: Fixed Glass Panes

- When constructing a Radius Post for Fixed Panes of Glass there are two options when constructing the Radius Post.
 - Option 1: Radius Post with a Finish Cover
 - Option 2: Radius Post with a Wall-Start
- Reference the installation notes on the drawing to determine which option the project calls for. The notes will state whether a Finish Cover or a Wall-Start is to be used on the Radius Post.

Radius Post Construction: Option 1 - Radius Post with a Finish Cover

1. Cut Male and Female Radius Post to length.
 - a. The measurement will be the Floor to Ceiling Measurement.
2. Install Flex Trim onto the Radius Posts.
3. Cut Finish Covers for each Radius Post.
 - a. Note: The length will match the length of the Radius Posts.
4. Attach the Male Radius Post to the View Guide at the ceiling and floor.

Fig. 4.

- a. The Flex Stud portion of the Radius Post will butt into the View Guide. Fig. 5.
- b. Slide the View L-Brackets into the center of the Radius Post. Attach using 2 – 5/8" Framing Screws. Fig. 6.
- c. Tighten the additional Leveling Bolt in the View Guide tight to the View L-Bracket to help keep the framing tight together. Fig. 6.

Fig. 4

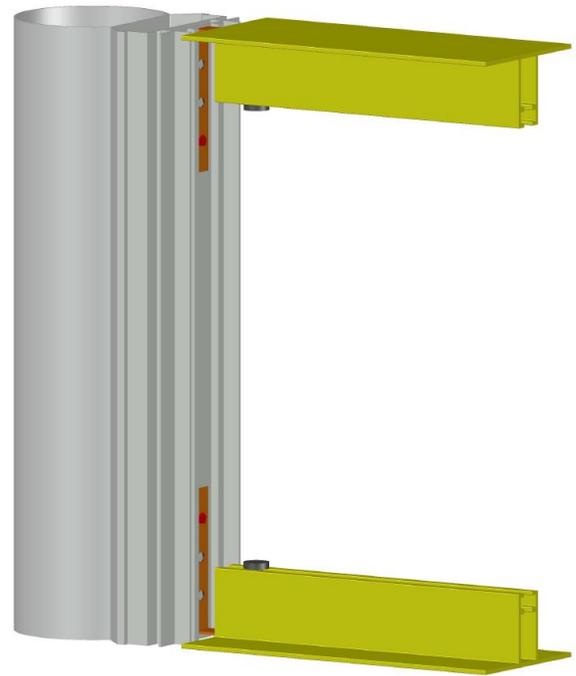


Fig. 5

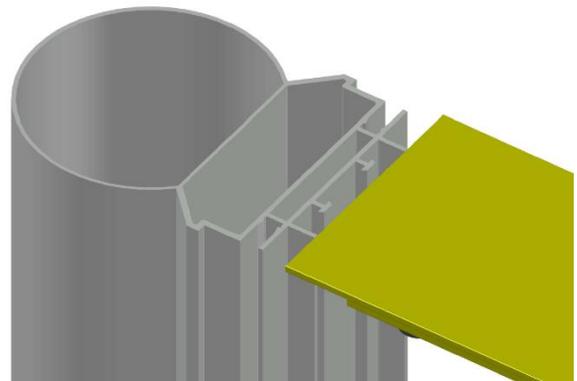
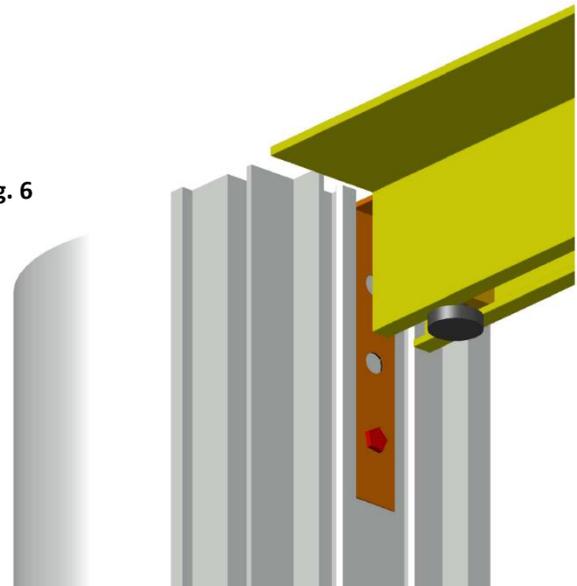


Fig. 6



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5. Install the Finish Cover onto the Radius Post. Fig. 7.
- To bypass the View L-Brackets the Finish Cover will need to be notched at the top and bottom. This will allow the Finish Cover to go to the ceiling and the floor.
 - 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. 8 and 9.
 - 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. 7

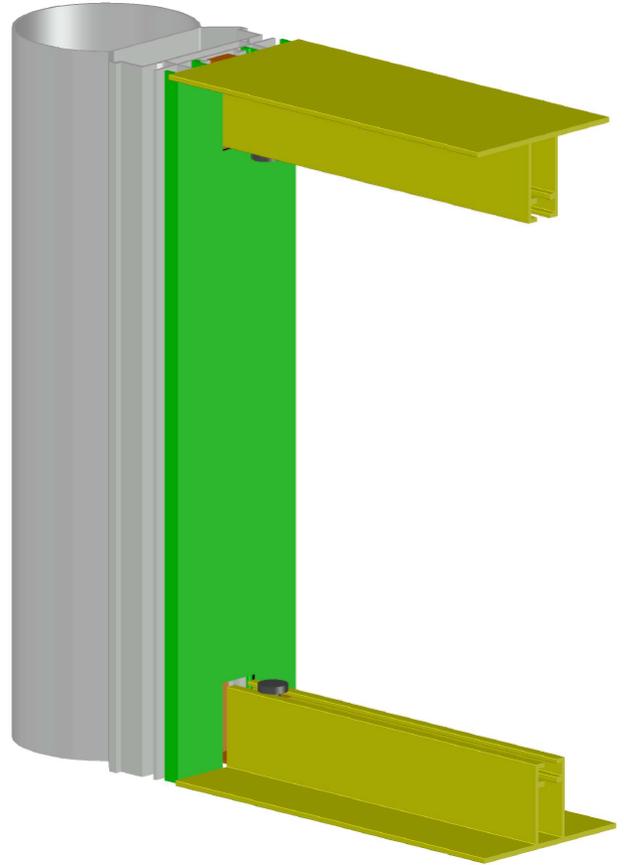


Fig. 8

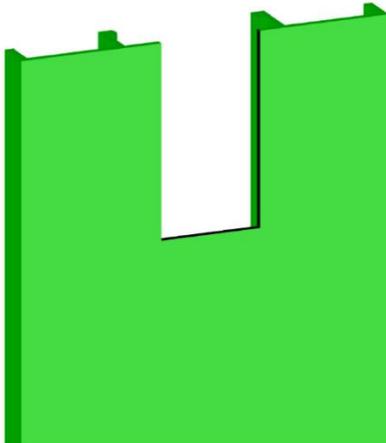
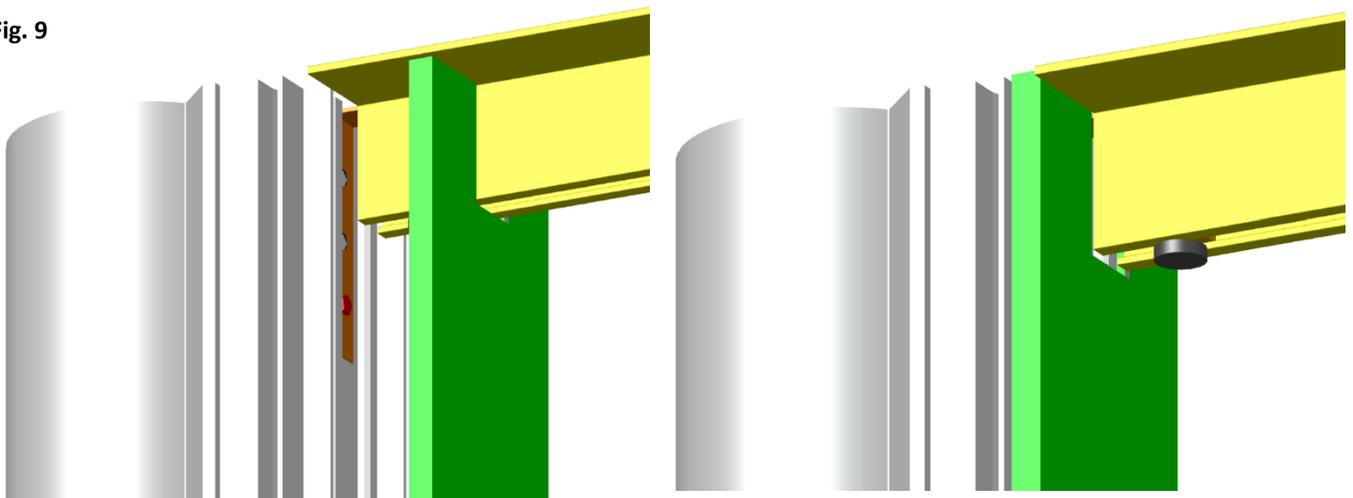


Fig. 9



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6. Place the Female Radius Post at the angle needed. Fig. 10.
7. Attach Female Radius Post to Male Post using 4 – 2 ½” Screws. Fig. 11.
8. Attach framing on the Female Radius Post side.
 - a. If there are fixed panes of glass on the Female Post side repeat the installation process used for the Male Radius Post.
 - b. If there are door openings coming off the Female Radius Post reference the section of the guide for Swing or Sliding Doors.
9. Install the remaining hardware and framing.
 - a. Includes setting leveling bolts and installing the View Track.
 - b. For more information on installing the remaining framing reference View Series installation guides pertaining to the installation situation being installed.
10. Installation complete.

Fig. 10

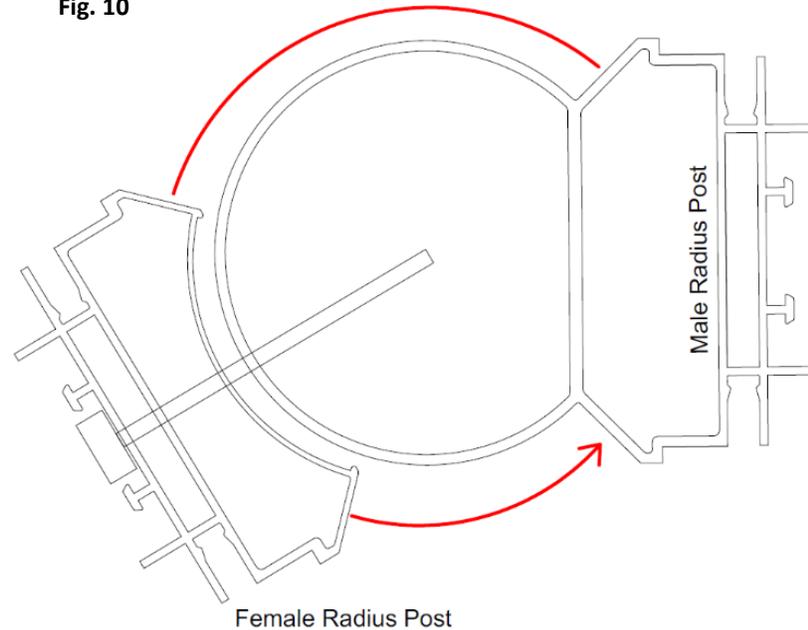
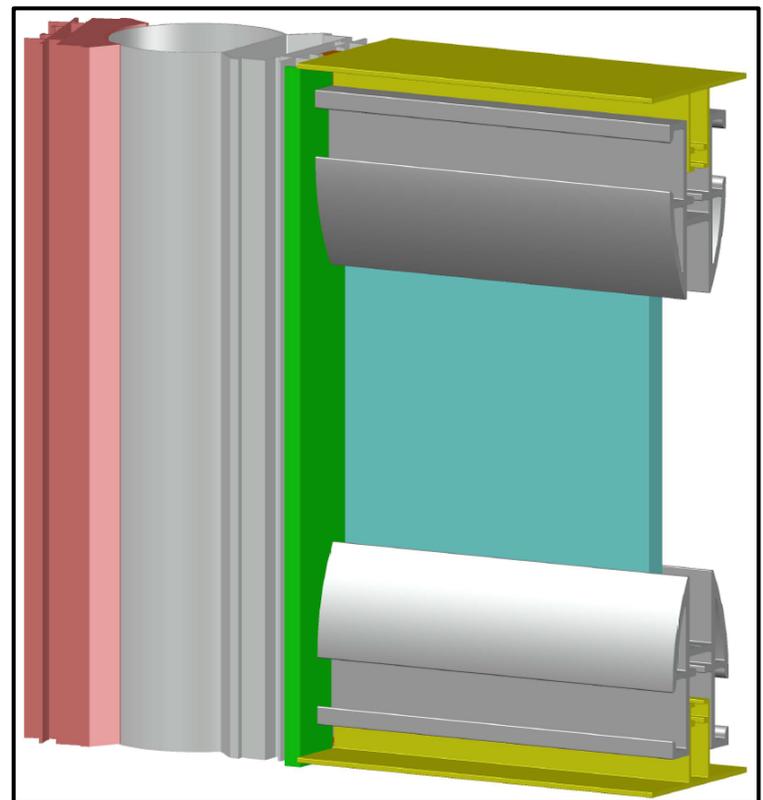
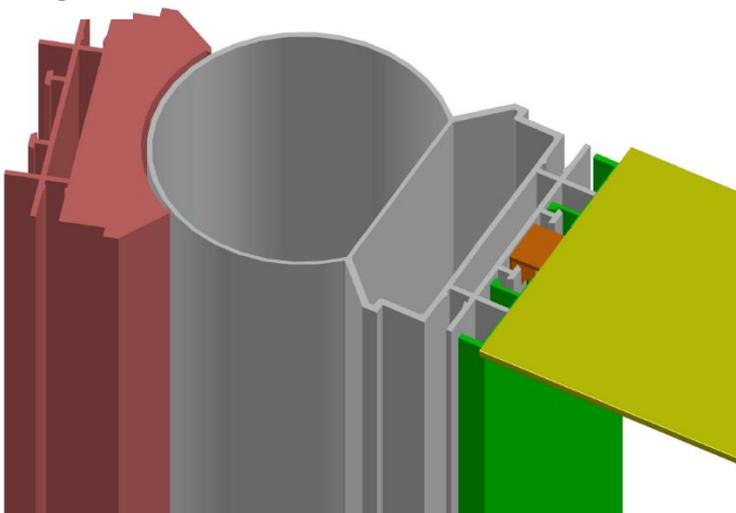


Fig. 11



Note: For this option when the glass is installed the glass will butt directly into the Finish Cover.

Nxtwall Installation Instruction

Radius Post Construction: Option 2 – Radius Post with a Wall-Start

1. Cut Male and Female Radius Post to length.
 - a. The measurement will be the Floor to Ceiling Measurement.
2. Install Flex Trim onto the Radius Posts.
3. Cut Finish Covers for each Radius Post.
 - a. Note: The length will match the length of the Radius Posts.
4. Install Finish Cover onto Radius Post. Fig. 12.
 - a. The Finish Cover will provide a surface to attach the Wall-Start to.
5. Cut Wall-Starts for the Radius Posts
 - a. Note: The length will match the length of the Radius Posts.
6. Attach Wall-Start to Radius Post/Finish Cover using 2 ½" Framing Screws. Fig. 13.

Fig. 12

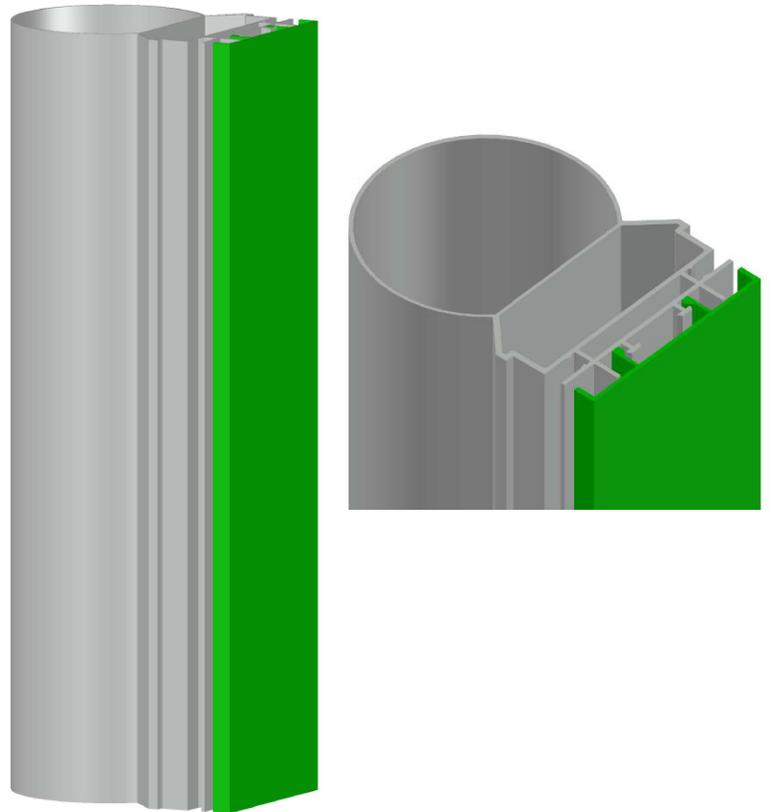
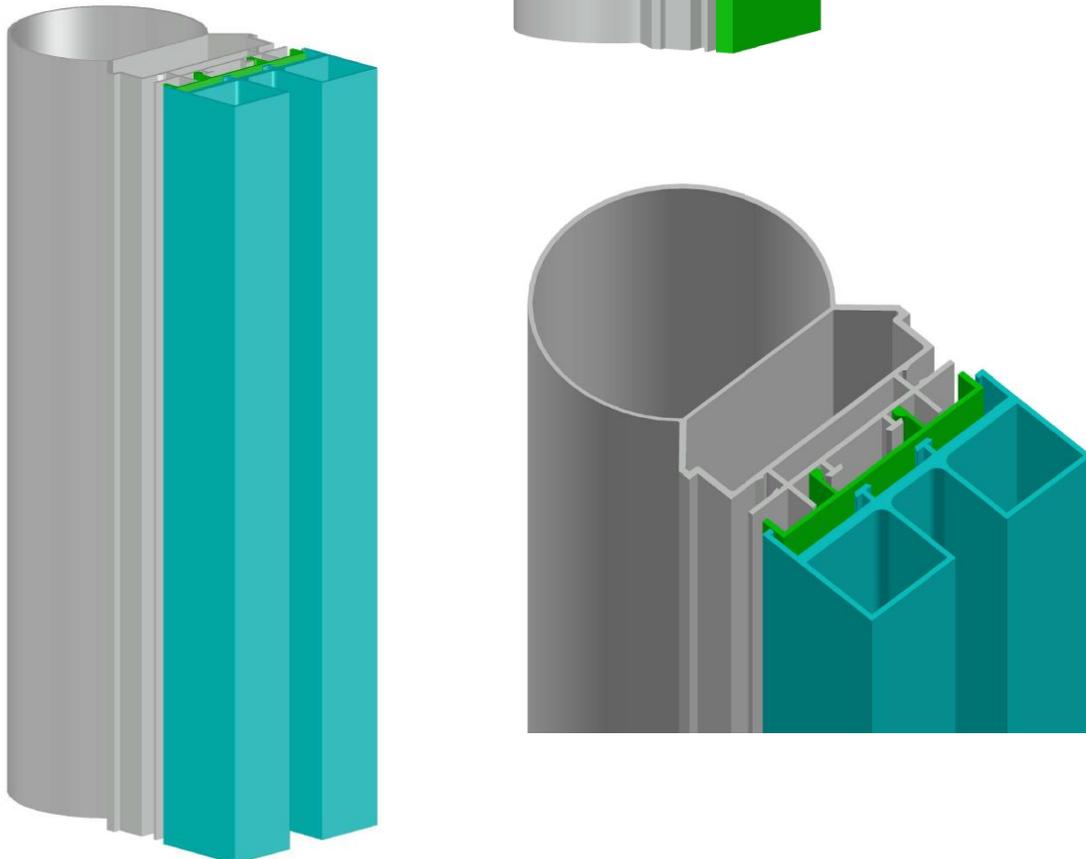


Fig. 13



Nxtwall Installation Instruction

7. Attach the Radius Post/Wall-Start to the View Guide at the ceiling and floor. Fig. 14.
 14.
 - a. Slide the View L-Brackets into the center of the Wall-Start. Attach using 2 – 5/8" Framing Screws. Fig. 15.
 - b. Tighten the additional Leveling Bolt in the View Guide tight to the View L-Bracket to help keep the framing tight together. Fig. 15.

Fig. 14

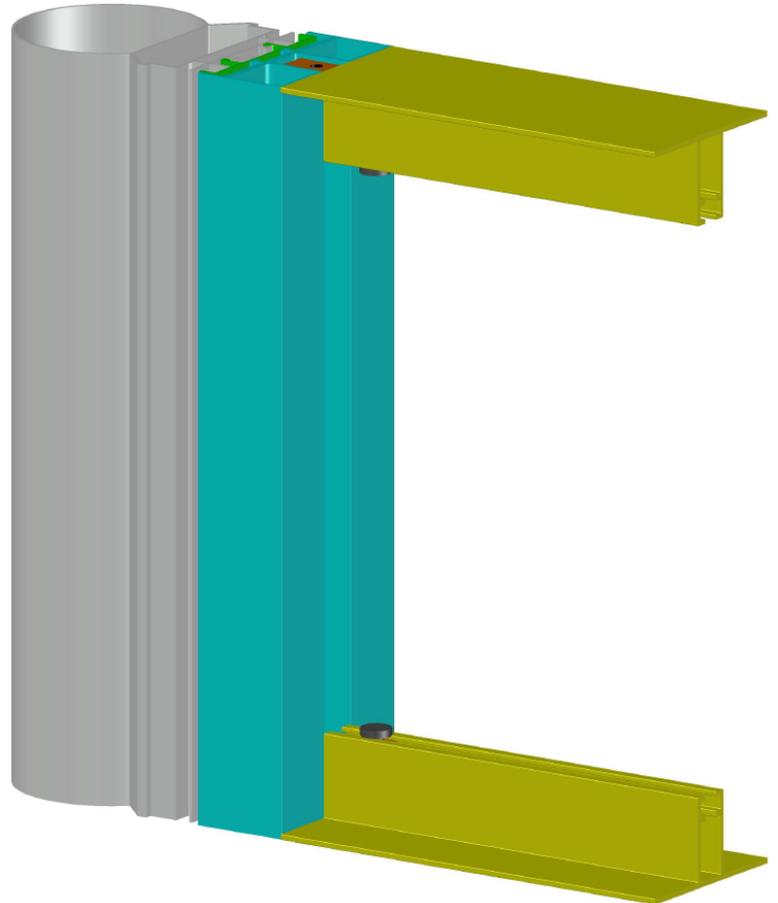
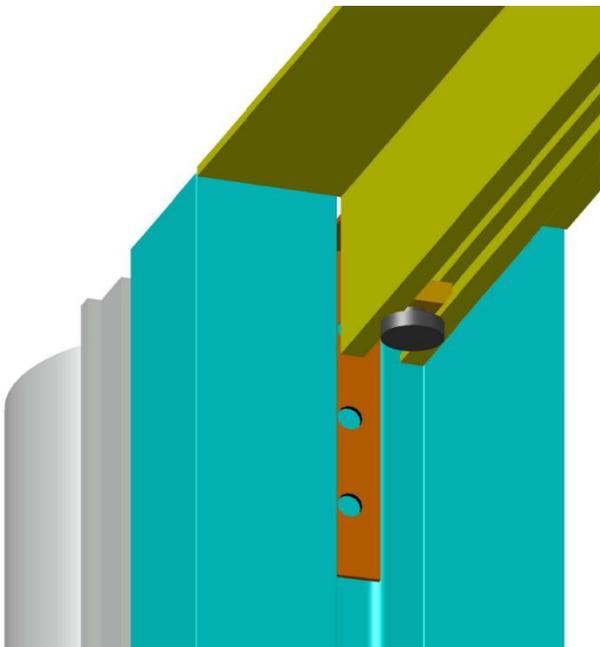


Fig. 15



Nxtwall Installation Instruction

8. Place the Female Radius Post at the angle needed. Fig. 16.
9. Attach Female Radius Post to Male Post using 4 – 2 ½” Screws. Fig. 17.
10. Attach framing on the Female Radius Post side.
 - a. If there are fixed panes of glass on the Female Post side repeat the installation process used for the Male Radius Post.
 - b. If there are door openings coming off the Female Radius Post reference the section of the guide for Swing or Sliding Doors.
11. Install the remaining hardware and framing.
 - a. Includes setting leveling bolts and installing the View Track.
 - b. For more information on installing the remaining framing reference View Series installation guides pertaining to the installation situation being installed.
12. Installation complete.

Fig. 16

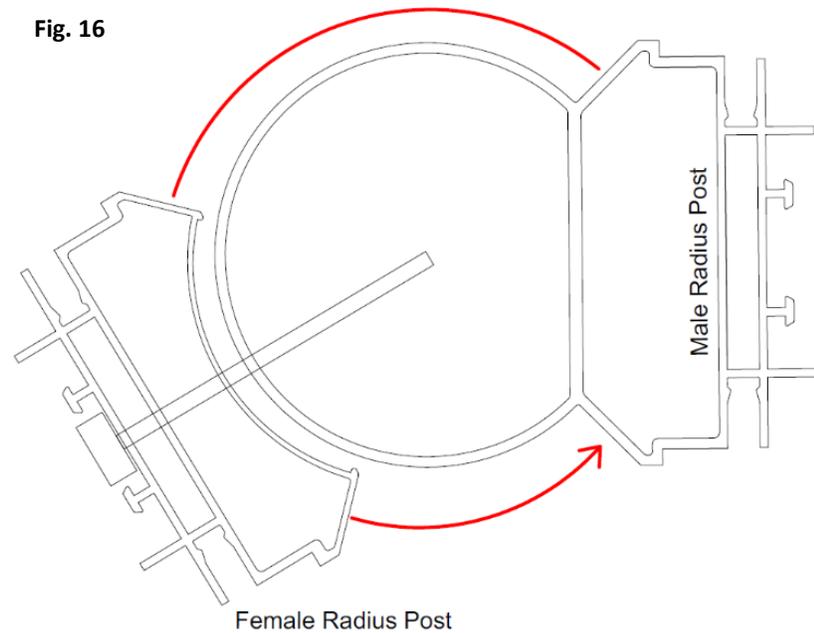
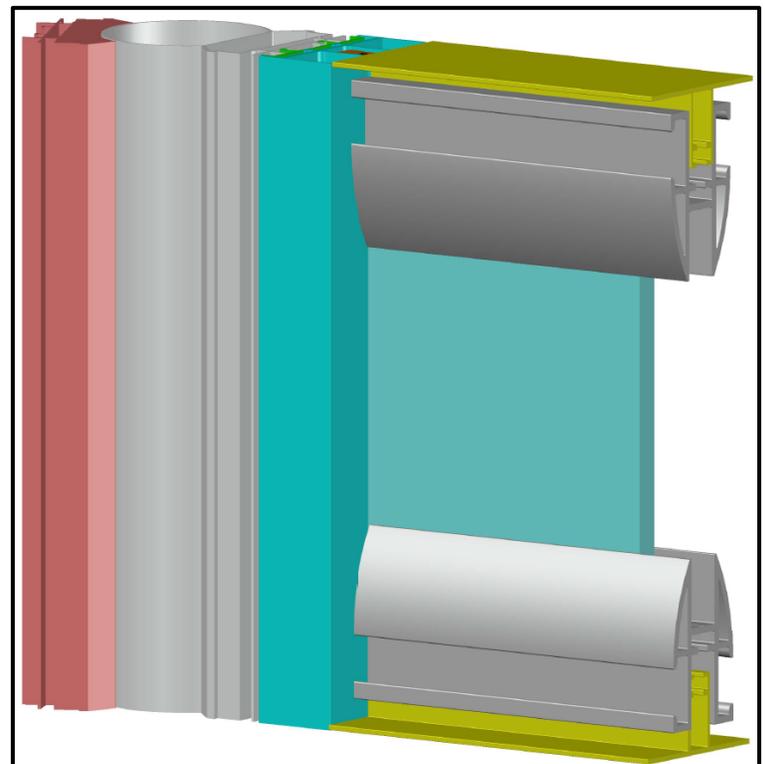
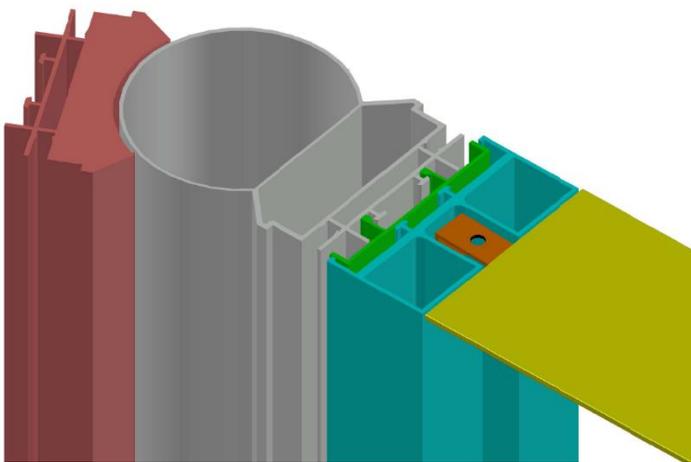


Fig. 17



Note: For this option when the glass is installed the glass will go into the Wall-Start.

Nxtwall Installation Instruction

Radius Post Installation: Sliding Door Locations

This section covers situations where a Sliding Door comes off a Radius Post. The installation process applies to both Male and Female Radius Posts.

1. Cut Male and Female Radius Post to length.
 - a. The measurement will be the Floor to Ceiling Measurement.
2. Install Flex Trim onto the Radius Posts.
3. Attach the Male Radius Post to the View Guide at the ceiling. Fig. 18.
 - a. The Flex Stud portion of the Radius Post will butt into the View Guide. Fig. 19.
 - b. Slide the View L-Brackets into the center of the Radius Post. Attach using 2 – 5/8" Framing Screws. Fig. 20.
 - c. Tighten the additional Leveling Bolt in the View Guide tight to the View L-Bracket to help keep the framing tight together. Fig. 20.
4. Cut Finish Cover for the Radius Post on the side the door is coming off of.
 - a. Note: The length will match the length of the Radius Posts.

Fig. 18

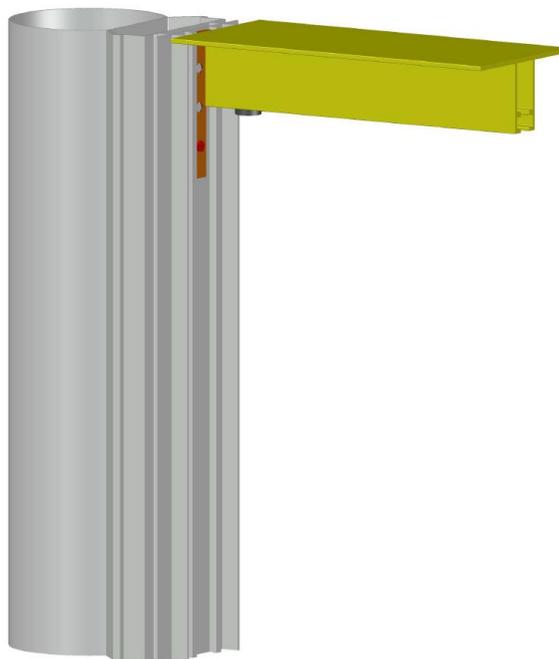


Fig. 19

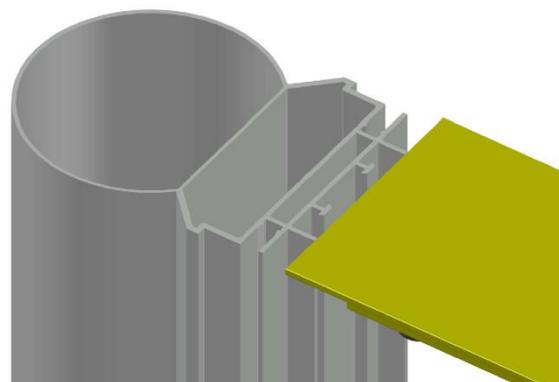
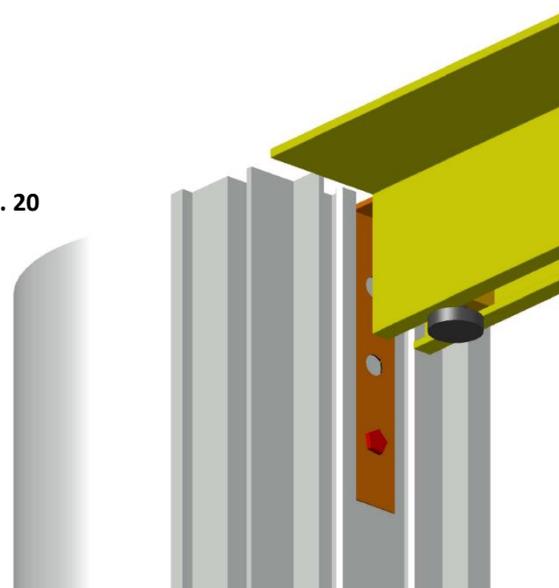


Fig. 20



Nxtwall Installation Instruction

5. Install the Finish Cover onto the Radius Post. Fig. 21.

- 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. 22 and 23.
- 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. 21

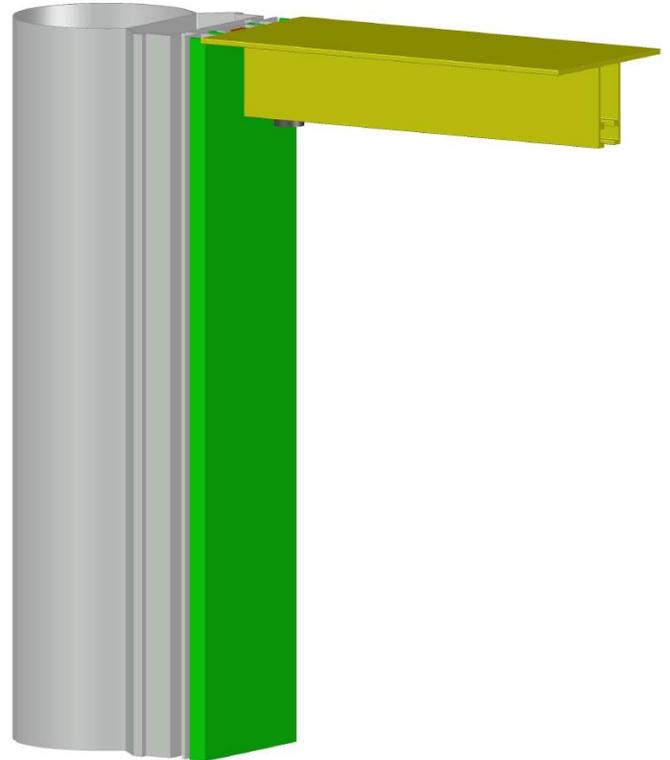


Fig. 22

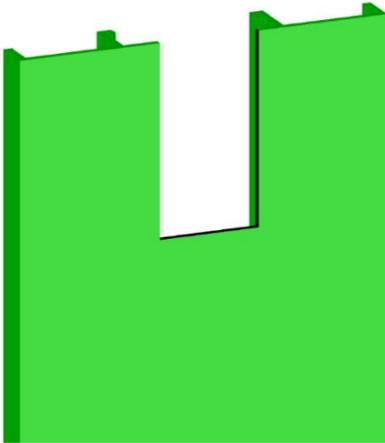
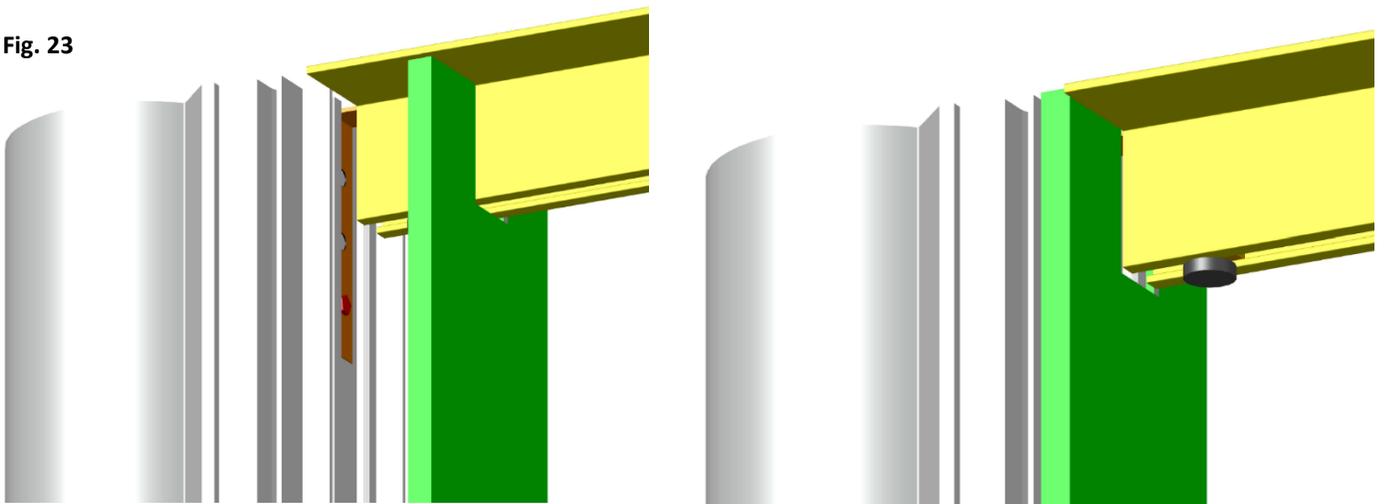


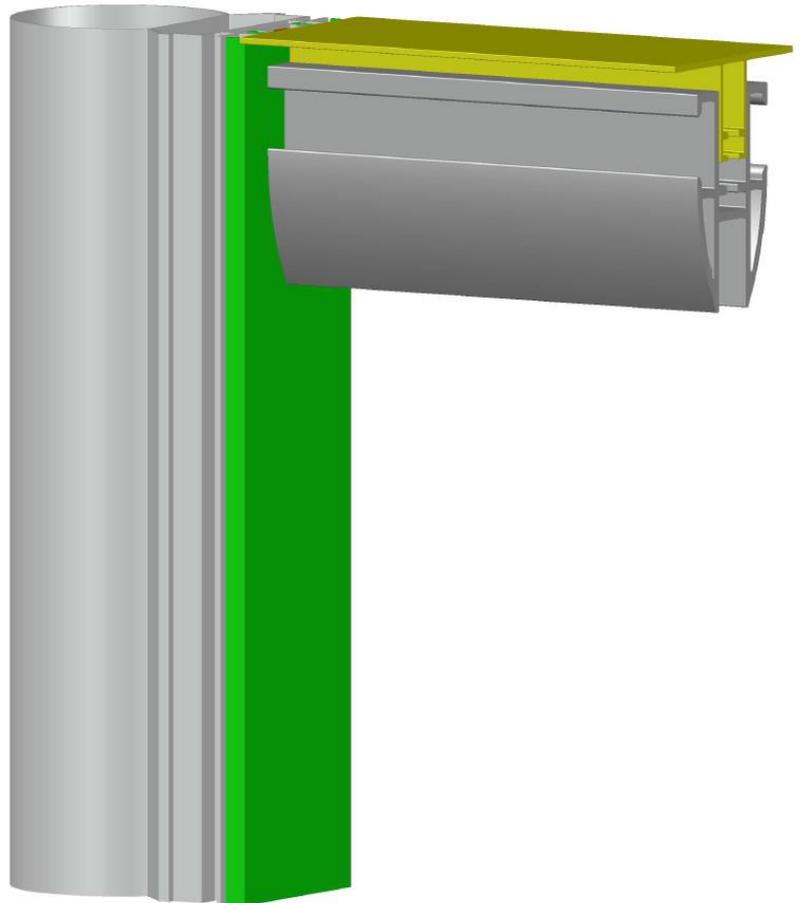
Fig. 23



Nxtwall Installation Instruction

6. Install the remaining hardware and framing. Fig. 24.
 - a. Includes setting leveling bolts and installing the View Track.
 - b. For more information on installing the remaining framing reference the View Series installation guides pertaining to the installation situation being installed.
 - c. If there are fixed panes of glass on the opposite side of the Radius Post reference the fixed pane section of the installation guide.
7. Installation complete.

Fig. 24



Note: The Sliding Door will slide directly into the Finish Cover.

Nxtwall Installation Instruction

Radius Post Installation: Swing Door Locations

This section covers situations where a Swing Door comes off a Radius Post. The installation process applies to both Male and Female Radius Posts.

1. Cut Male and Female Radius Post to length.
 - a. The measurement will be the Floor to Ceiling Measurement.
2. Install Flex Trim onto the Radius Posts.
3. Attach the Male Radius Post to the Flex Track at the ceiling. Fig. 25.
 - a. The Flex Stud portion of the Radius Post will butt into the Flex Track. Fig. 26.
 - b. Slide the Flex L-Bracket into the center of the Radius Post. Attach using 2 – 5/8" Framing Screws. Fig. 27.
 - c. Tighten the set screw in the L-Bracket to help keep the framing tight together. Fig. 27.

Fig. 25

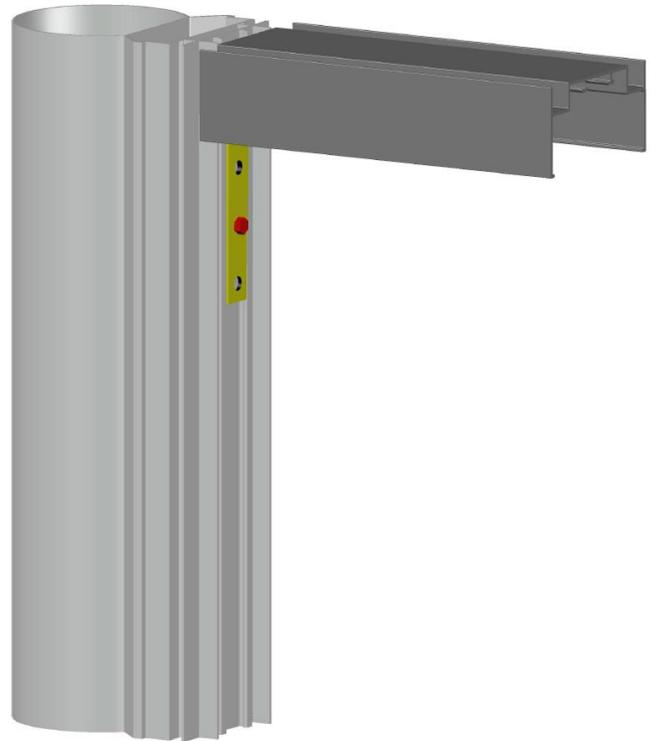


Fig. 26

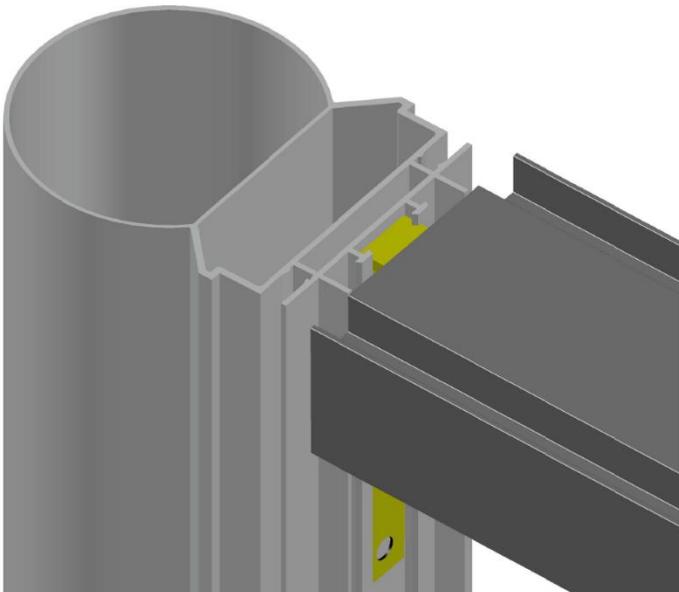
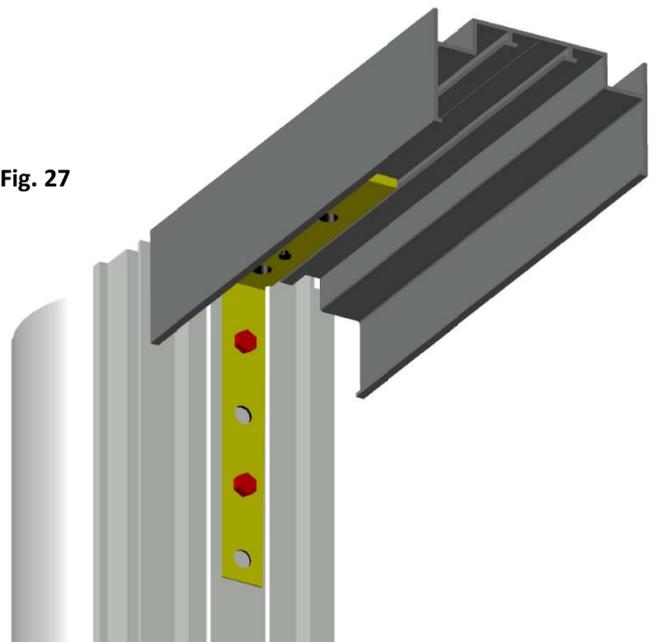


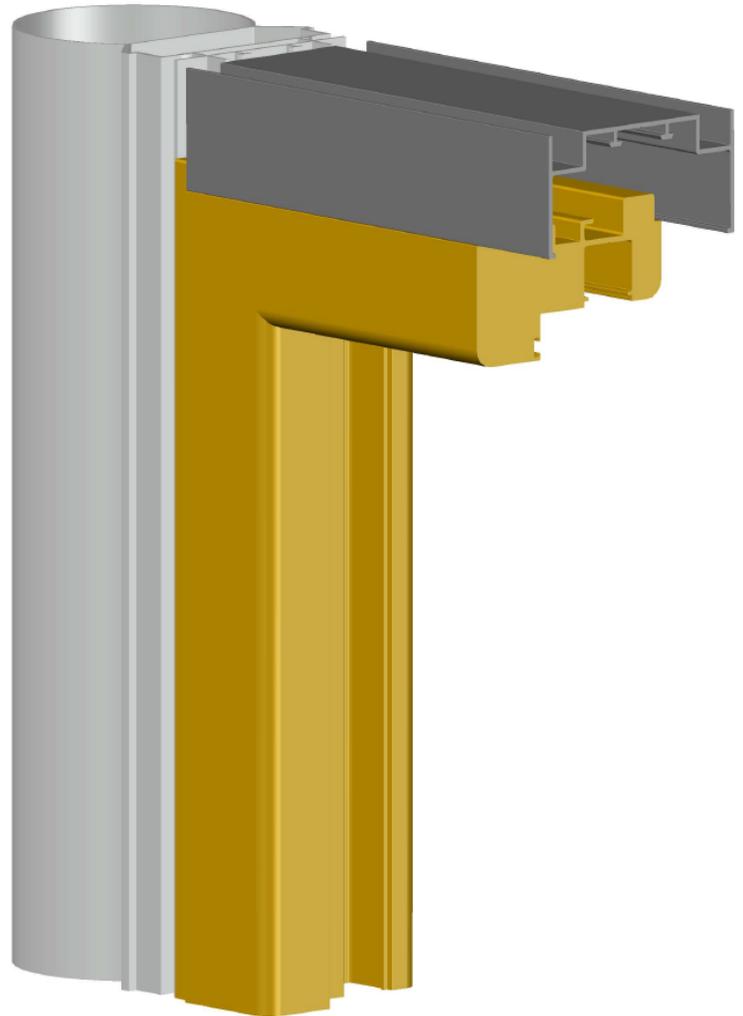
Fig. 27



Nxtwall Installation Instruction

4. Install Door Header and Vertical Door Jamb. Fig. 28.
 - a. The door jamb will install directly onto the Radius Post. Attach using 1 ¼" Framing Screws.
 - b. For more information how to frame the remaining Swing Door opening reference View Series Swing Door Installation Guide.
 - c. If there are fixed panes of glass on the opposite side of the Radius Post reference the fixed pane section of the installation guide.
5. Installation complete.

Fig. 28



Nxtwall Installation Instruction

Radius Post Installation: Radius Post Attached to Existing Wall

This section of the guide will cover situations where the Radius Post is attached to an existing wall.

This situation typically occurs when a partition is coming off an existing wall that is on an angle. The Radius Post is used to square the partition to another partition or an existing wall.

For these situations the Male Radius Post will be attached to the existing wall, the Female Post will be used to create the angle needed. Fig. 30.

Installation:

1. Layout the partition to determine the location of the Radius Posts.
2. Cut the Male and Female Radius Post to length.
 - a. Note: The length will be the floor to ceiling measurement.
3. Place the Male Post against the existing wall. Do not attach. The Male Post will need to be prepped for attachment. Fig. 31.
4. Place the Female Post onto the Male Post at the angle needed for the partition. Do not attach. Fig. 32.

Fig. 30

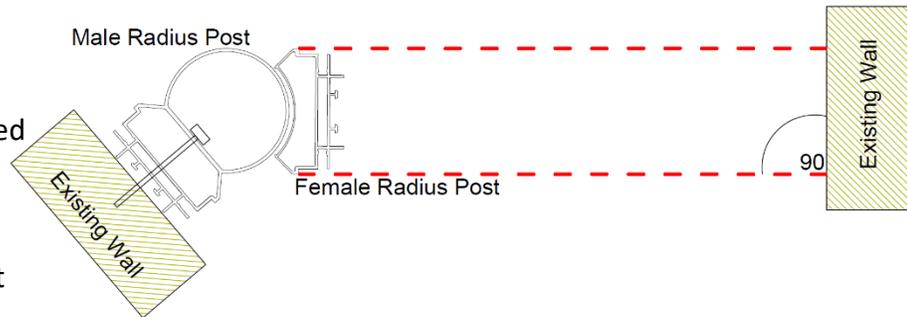


Fig. 31

Male Radius Post

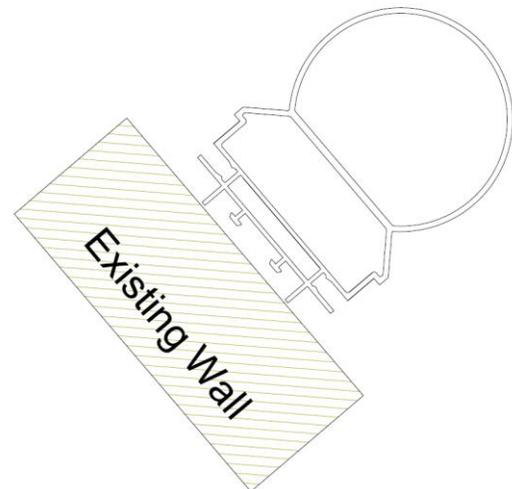
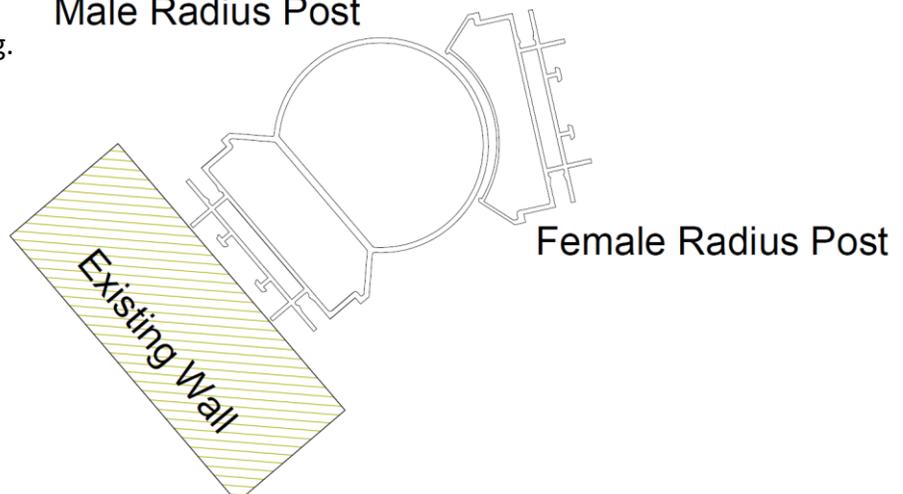


Fig. 32

Male Radius Post



Nxtwall Installation Instruction

5. Mark the position of the Female Post on the Male Post. This mark will be used to determine where the holes need to be drilled on the Male Post for attachment.

6. Preparation of the Male Post.

a. The Male Post is prepped by drilling holes large enough to fit a nut driver through the face of the post and into the center of the post. The attaching hardware will be attached to the inside of the Post. Fig. 33.

b. Note: Nxtwall does not provide external attaching hardware. Use a minimum 4" attaching screw for the Male Post.

7. Mark the location of the holes and drill the holes.

a. Try to keep the holes closest to the center of the Male Post. This will help when installing the attaching hardware. If the hole is on too much of an angle it may be more difficult to run the attaching hardware.

b. It is important to correctly mark the position of the Male Post. The holes used for attaching the Male Post to the existing wall will need to be covered by the Female Post. Fig. 34 and 35.

Fig. 33

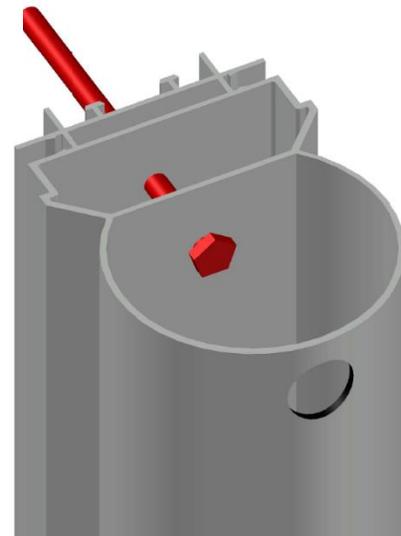
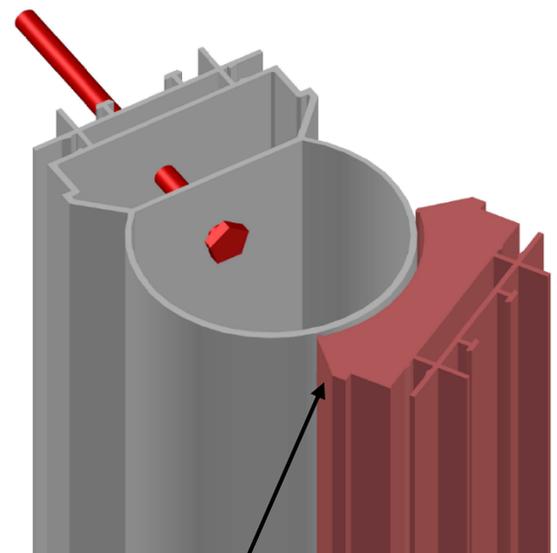
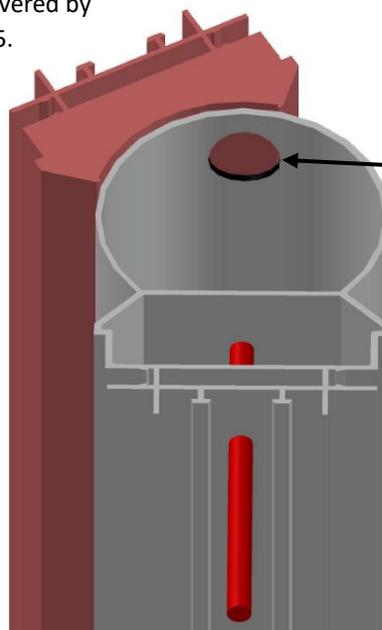


Fig. 34



Female Radius Post
Covering Attaching Holes

Fig. 35



Nxtwall Installation Instruction

8. Attach the Male Post to the existing wall. Fig. 36.
 - a. Make sure the post is plumb.
9. Place the Female Post onto the Male Post at the angle needed.
10. Attach the Female Post to the Male Post using 4 – 2 ½" Screws. Fig. 37.
11. Attach remaining framing.

Fig. 36

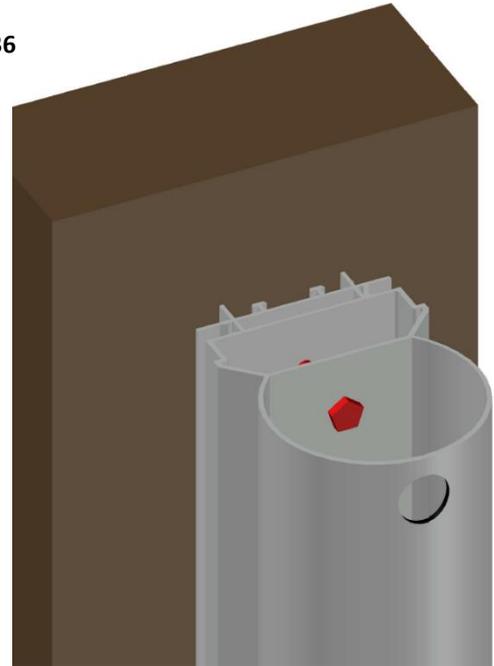


Fig. 37

