



FLEX SERIES GLASS MEASURING GUIDE

Phone Number: (269) 488-2752

Nxtwall

Flex Series Glass Measuring Guide



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Flex Series Glass Measuring Guide

- This measuring guide applies to all Flex Series glass measuring situations.

General Notes for Measuring Glass

- All glass **MUST** be measured per the glass measuring guide. Make sure to measure for the correct situation for each piece of glass.
- When submitting dimensions make sure to submit final measurements. The final measurements include the additions and/or the subtractions to the measurements taken.
- Record all dimensions on the provided Glass Order Form.
 - When labeling the glass it is required to use the Partition number as part of the label. Example: P1-1, P1-2, P2-1, etc.
 - When recording the dimensions make sure the dimensions are legible. An electronic copy of the Glass Order Form is available on our website in the “Nxtwall Installation Resources” location.
- If there are any questions when measuring for glass contact Nxtwall.

Glass Delivery

- On the Glass Order Form include the delivery location, contact name, and phone number.
- When ordering glass the delivery method will need to be selected. There are two delivery options:
 - **Loose:** Quickest lead time. Glass will be delivered via route truck. Delivery times are non-guaranteed, a time frame will be provided (i.e. delivery between 8am-10am).
 - **Crated:** Longer lead times. Glass to be delivered via LTL or Private Truck. Must have ability to unload crate (i.e. forklift/loading dock).
- Approximate glass lead times are 7-10 business days from the date of the glass order.

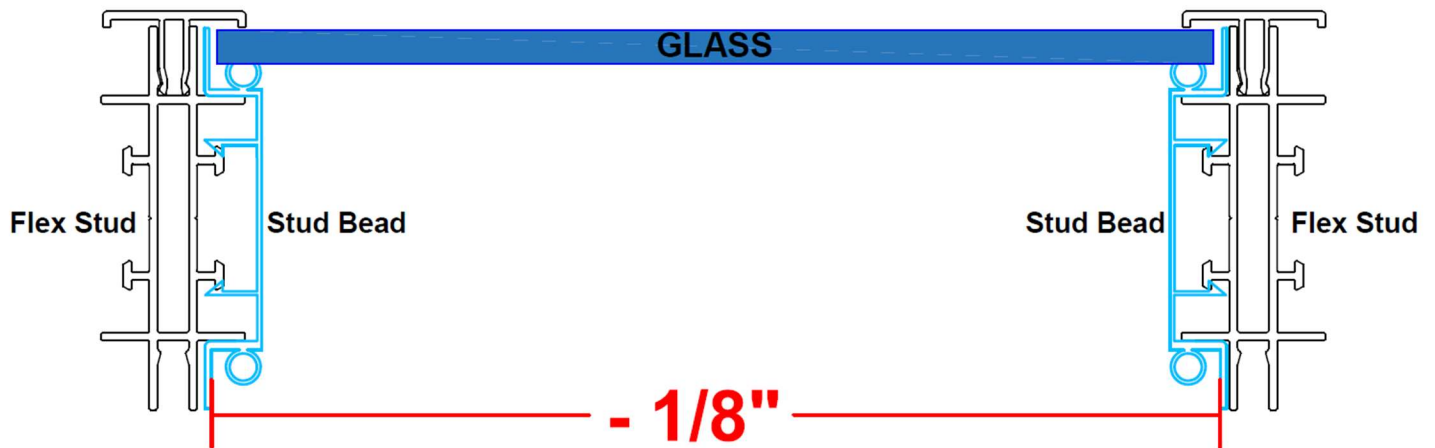
Receiving Glass and Inspection

- When the glass is received the receiver is responsible for confirming the quantity received is correct and the dimensions are correct.
- The receiver will be responsible for reporting any damaged or defective glass. Glass defects are subject to the ASTM Glass Standards.
- Any glass issues must be reported within three business days of the glass delivery. Any reports outside of the three business days may be subject to additional fees.

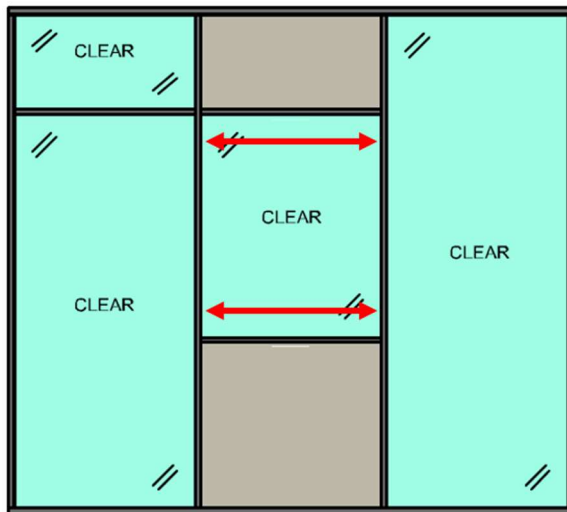
Nxtwall Flex Series Glass Measuring Guide

Flex Series Glass Measuring: Glass Width Measurement

- Vertical Flex Stud to Vertical Flex Stud



Glass Width Measurement:
Stud Bead to Stud Bead Subtract 1/8"
****Measurement Location Shown Above****



Measuring situation as shown on elevation

Measurement Notes:

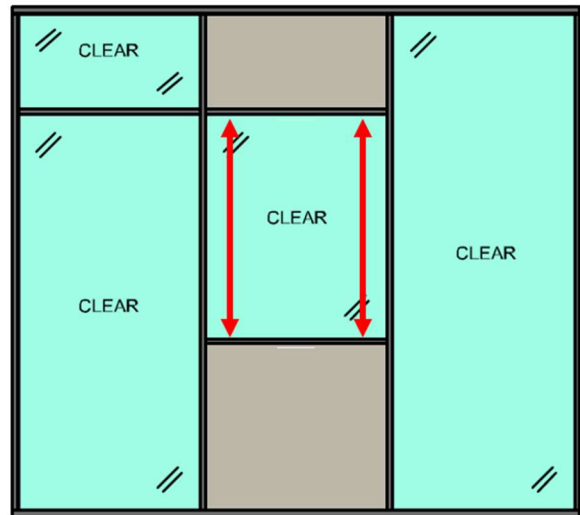
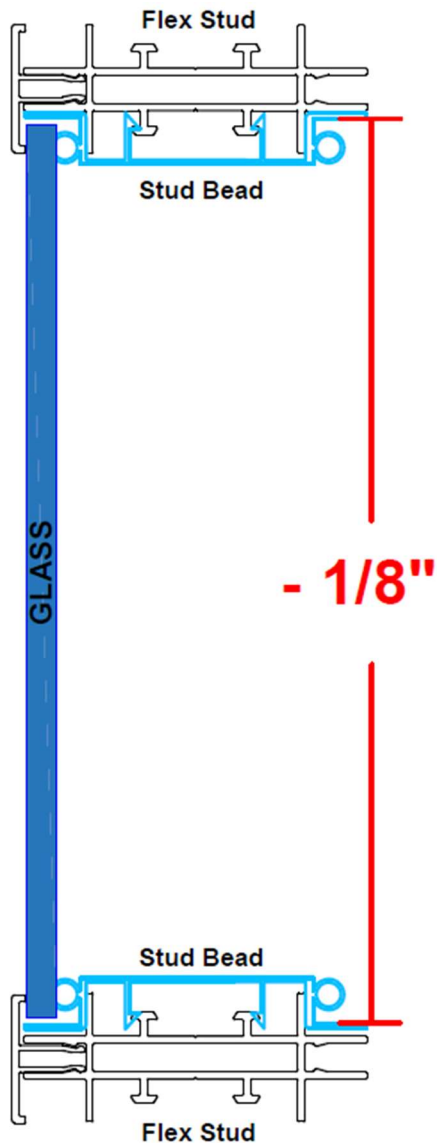
- The width measurement is the same for all measuring situations.
- Measure the width at multiple locations within the opening to verify width.
 - The widths should be the same at the top and bottom of the opening.

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Flex Series Glass Measuring Guide

Flex Series Glass Measuring: Glass Height Measurement

- Horizontal Flex Stud to Horizontal Flex Stud



Measuring situation as shown on elevation

Measurement Notes:

- Measure the height at multiple locations within the opening to verify height.
 - The height should be the same on each side of the opening.

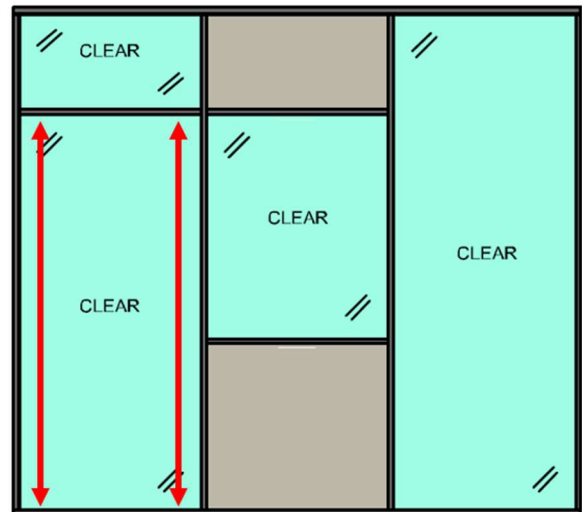
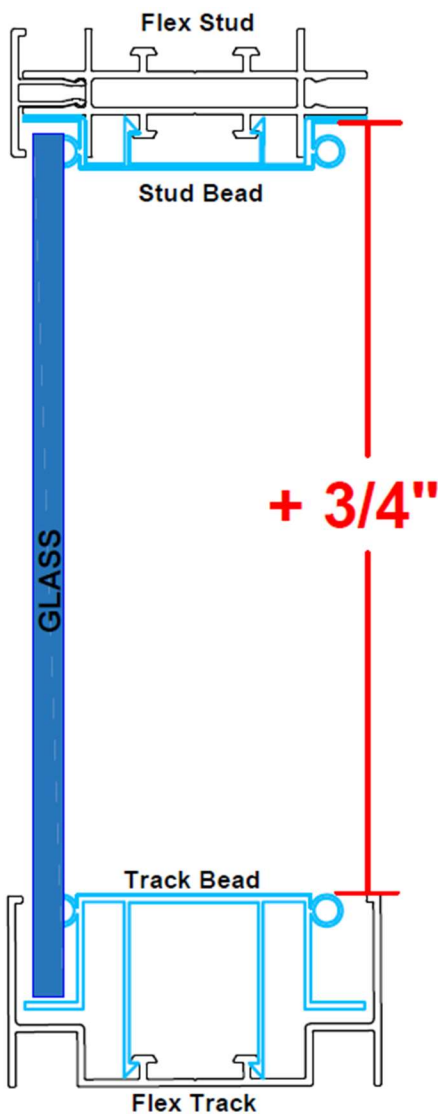
Glass Height Measurement:
Stud Bead to Stud Bead Subtract 1/8"
****Measurement Location Shown****

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Flex Series Glass Measuring Guide

Flex Series Glass Measuring: Glass Height Measurement

- Flex Track at the Floor to Horizontal Flex Stud



Measuring situation as shown on elevation

Measurement Notes:

- Measure the height at multiple locations within the opening to verify height.
 - The height should be the same on each side of the opening.
 - If there is a variance in height due to an uneven floor use the shortest measurement for the opening.

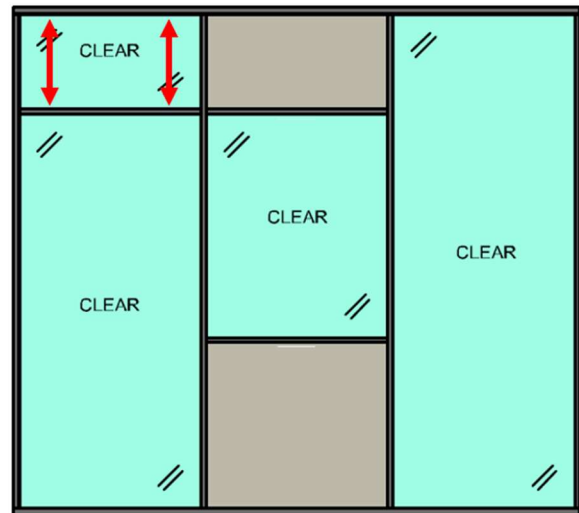
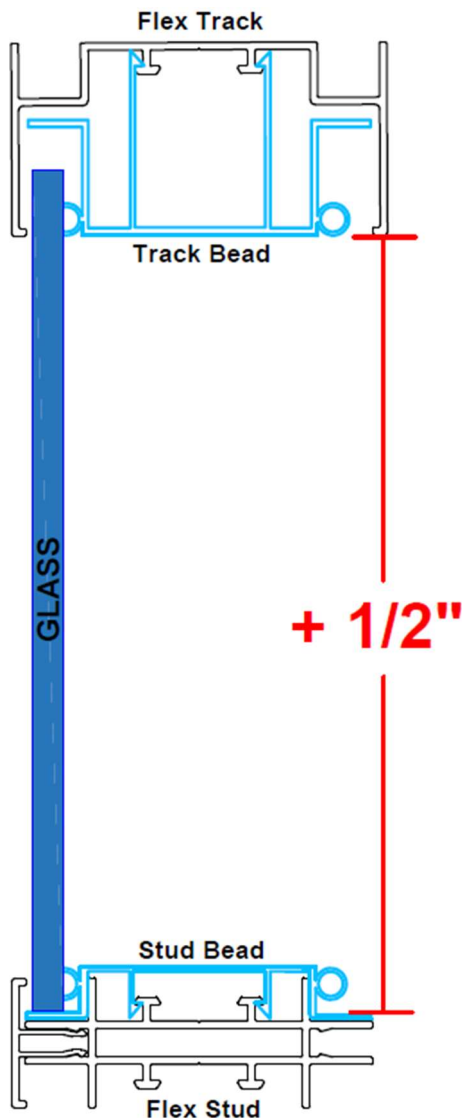
Glass Height Measurement:
Top of Flex Track to Stud Bead Add 3/4"
****Measurement Location Shown****

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Flex Series Glass Measuring Guide

Flex Series Glass Measuring: Glass Height Measurement - Clerestory

- Horizontal Flex Stud to Flex Track at the Ceiling



Measuring situation as shown on elevation

Measurement Notes:

- Measure the height at multiple locations within the opening to verify height.
 - The height should be the same on each side of the opening.
 - If there is a variance in height due to an uneven ceiling use the shortest measurement for the opening.

Glass Height Measurement:
Stud Bead to Bottom of Flex Track Add 1/2"

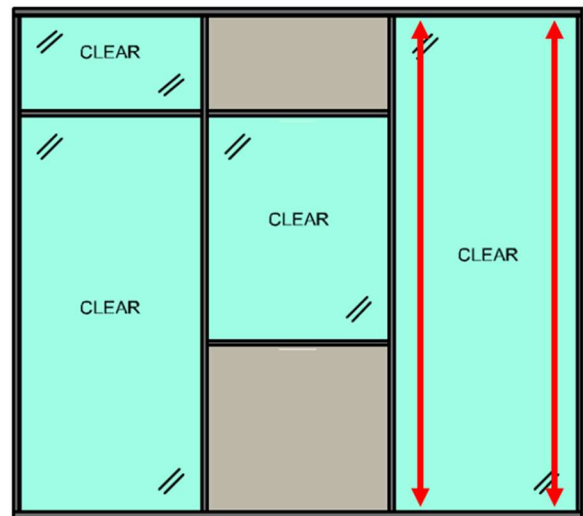
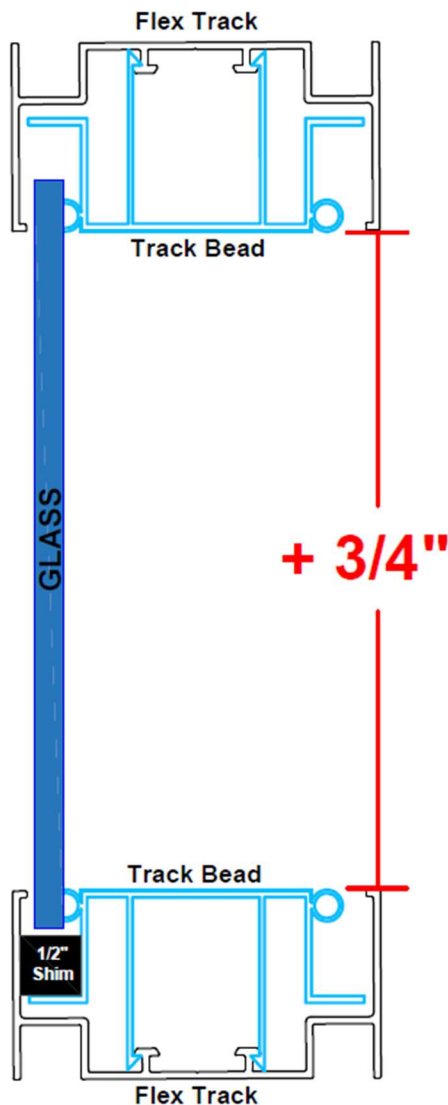
****Measurement Location Shown****

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Flex Series Glass Measuring Guide

Flex Series Glass Measuring: Glass Height Measurement – Full Height Glass

- Flex Track at the Floor to Flex Track at the Ceiling



Measuring situation as shown on elevation

Measurement Notes:

- Measure the height at multiple locations within the opening to verify height.
 - The height should be the same on each side of the opening.
 - If there is a variance in height due to an uneven floor use the shortest measurement for the opening.
- When installing the glass make sure to include the 1/2" Shim in the Flex Track at the Floor.

Glass Height Measurement:

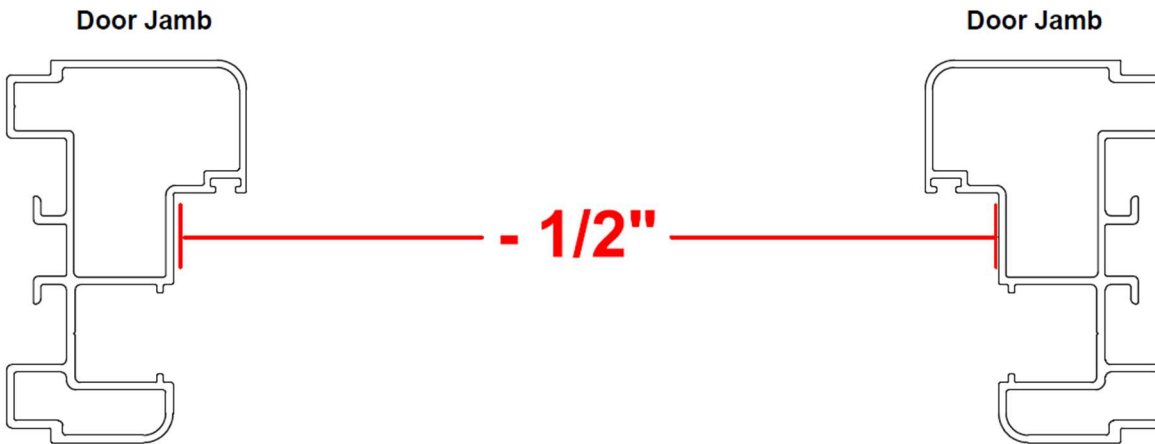
Top of Flex Track to Bottom of Flex Track Add 3/4"

Measurement Location Shown

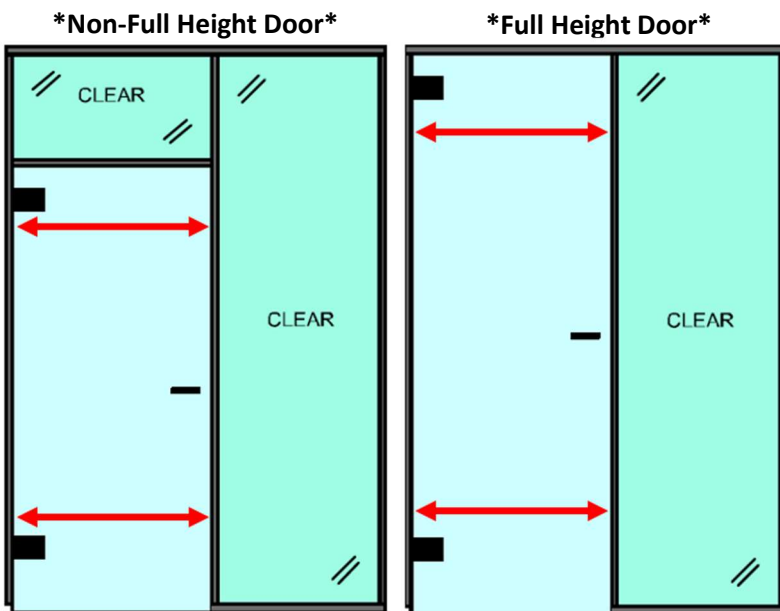
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Flex Series Glass Measuring Guide

Flex Series Glass Measuring: Single Glass Swing Door – Width Measurement



Single Glass Swing Door Width Measurement:
Door Jamb to Door Jamb Subtract 1/2"
****Measurement Location Shown****



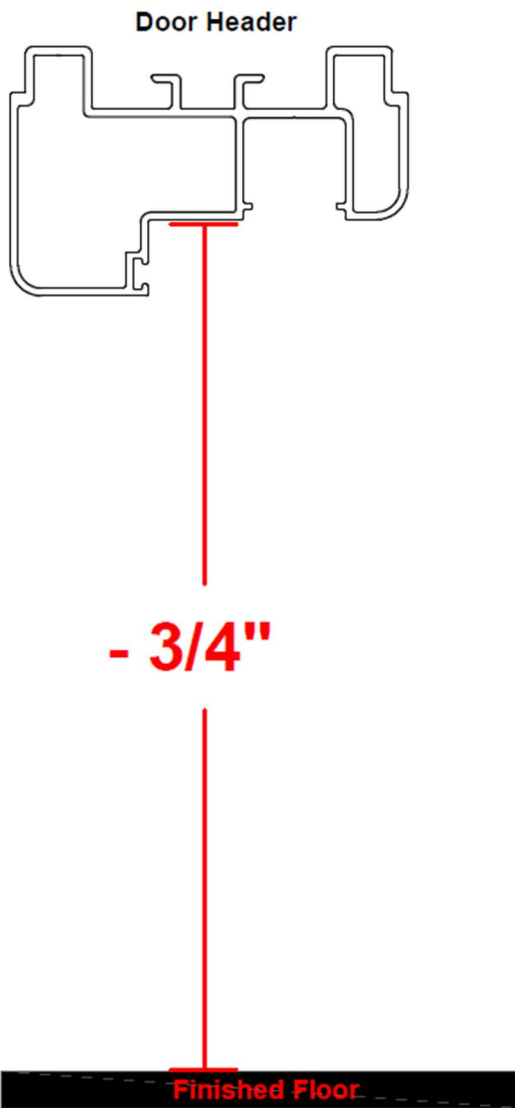
Measuring situation as shown on elevation

- Measurement Notes:
- Measure the width at multiple locations within the opening to verify width.
 - The width must be the same from top to bottom to ensure proper fitment.
 - For standard Single Swing Doors the width is typically 35 1/2" or 35 5/8".
 - The width measurement location is the same for Full Height Swing Doors.

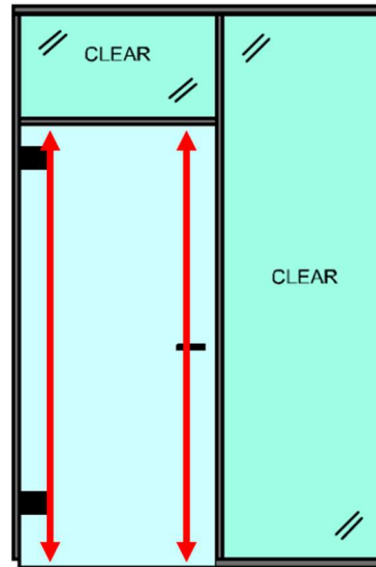
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Flex Series Glass Measuring Guide

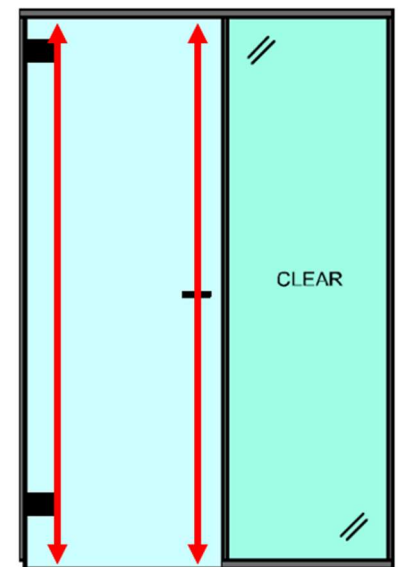
Flex Series Glass Measuring: Glass Swing Door – Height Measurement



Non-Full Height Door



Full Height Door



Measuring situation as shown on elevation

Measurement Notes:

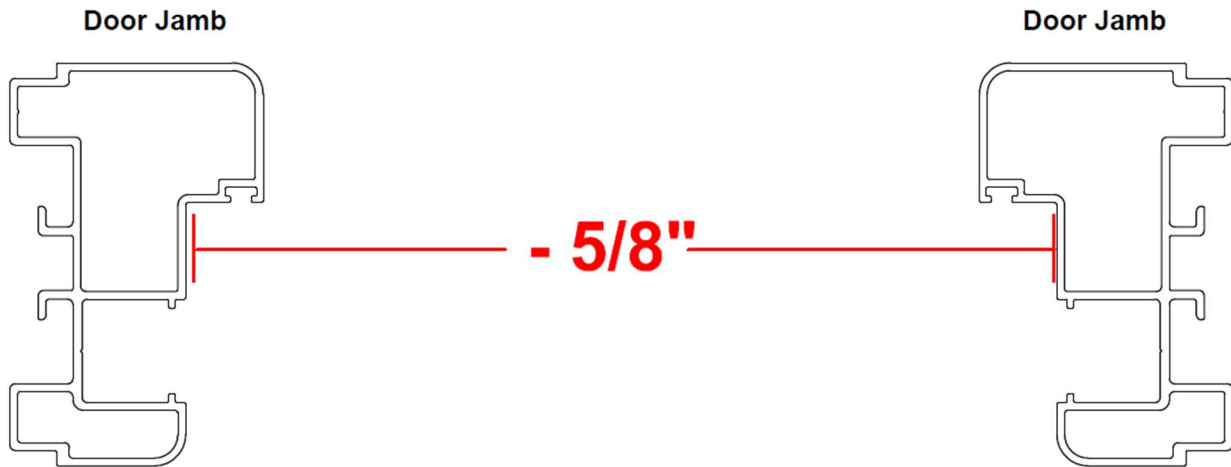
- Measure the height on each side of the opening to verify height.
 - Use the shortest measurement for the door height.
- The height measurement location is the same for Full Height Swing Doors.
- The height measurement calculation allows a 1/2" air gap at the floor and a 1/4" air gap between the top of the door and door header.

Glass Swing Door Height Measurement:
Finished Floor to Door Header Subtract 3/4"
****Measurement Location Shown****

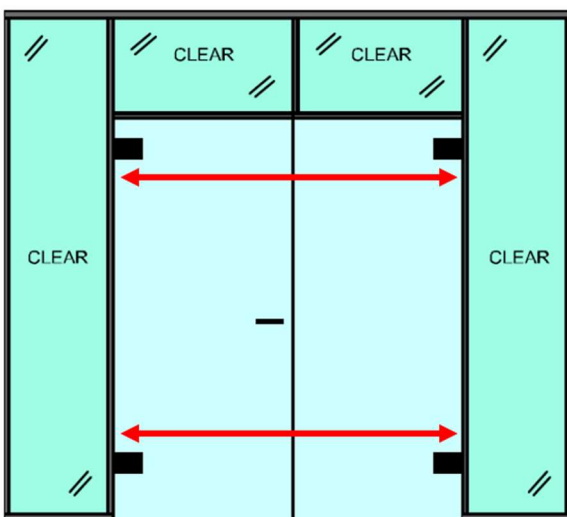
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Flex Series Glass Measuring Guide

Flex Series Glass Measuring: Double Glass Swing Door – Width Measurement



Double Glass Swing Door Width Measurement:
Door Jamb to Door Jamb Subtract 5/8"
Divide Measurement by 2 for Individual Door Width
****Measurement Location Shown****



Measuring situation as shown on elevation

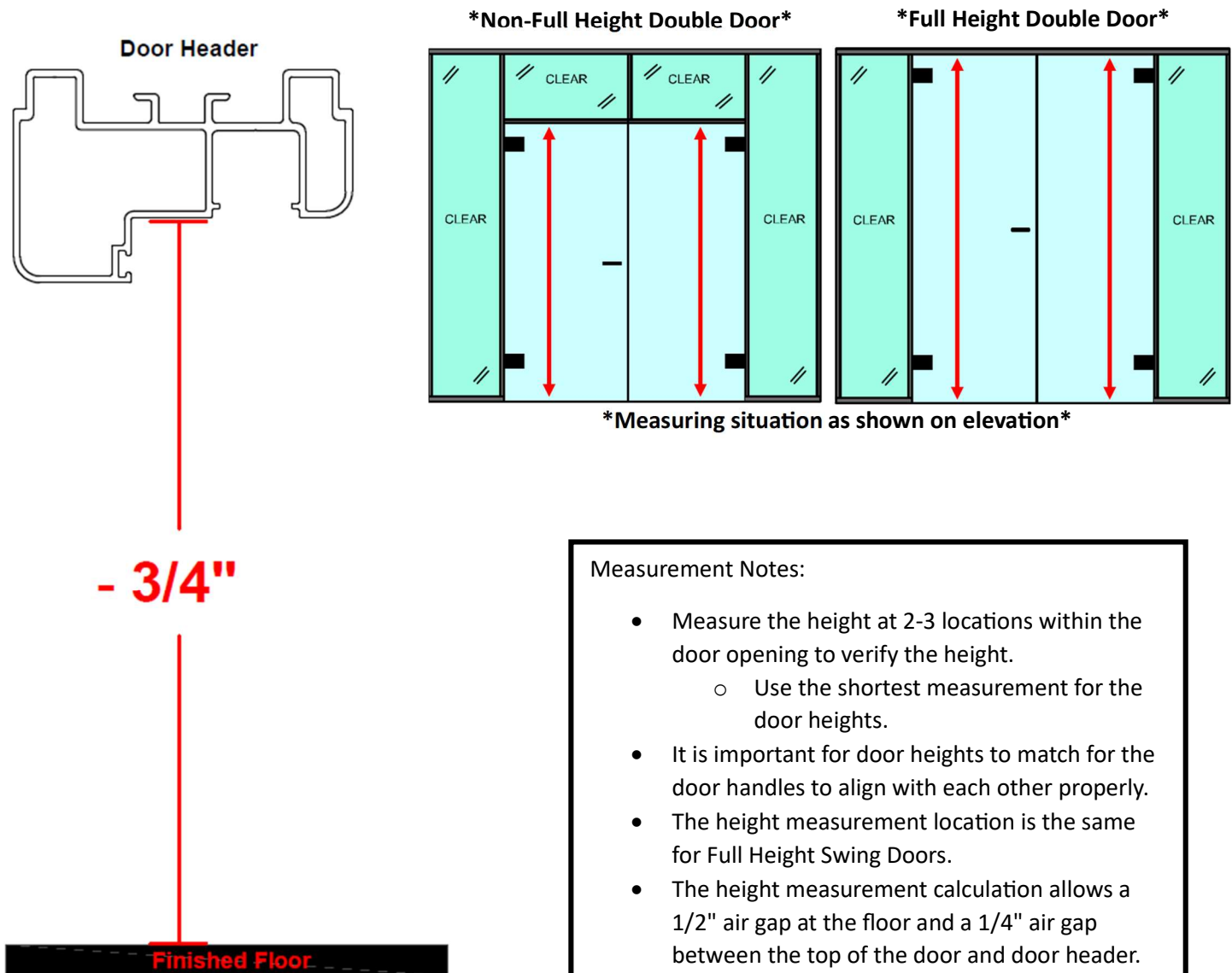
Measurement Notes:

- Measure the width at multiple locations within the opening to verify width.
 - The width must be the same from top to bottom to ensure proper fitment.
- The width measurement location is the same for Full Height Swing Doors.

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Flex Series Glass Measuring Guide

Flex Series Glass Measuring: Double Glass Swing Door – Height Measurement



Measurement Notes:

- Measure the height at 2-3 locations within the door opening to verify the height.
 - Use the shortest measurement for the door heights.
- It is important for door heights to match for the door handles to align with each other properly.
- The height measurement location is the same for Full Height Swing Doors.
- The height measurement calculation allows a 1/2" air gap at the floor and a 1/4" air gap between the top of the door and door header.

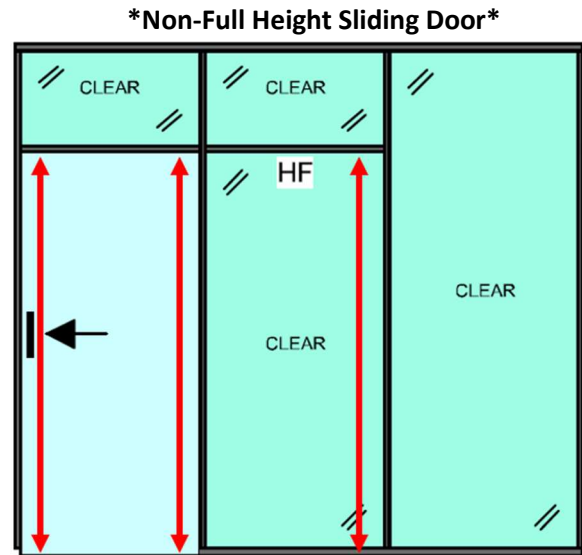
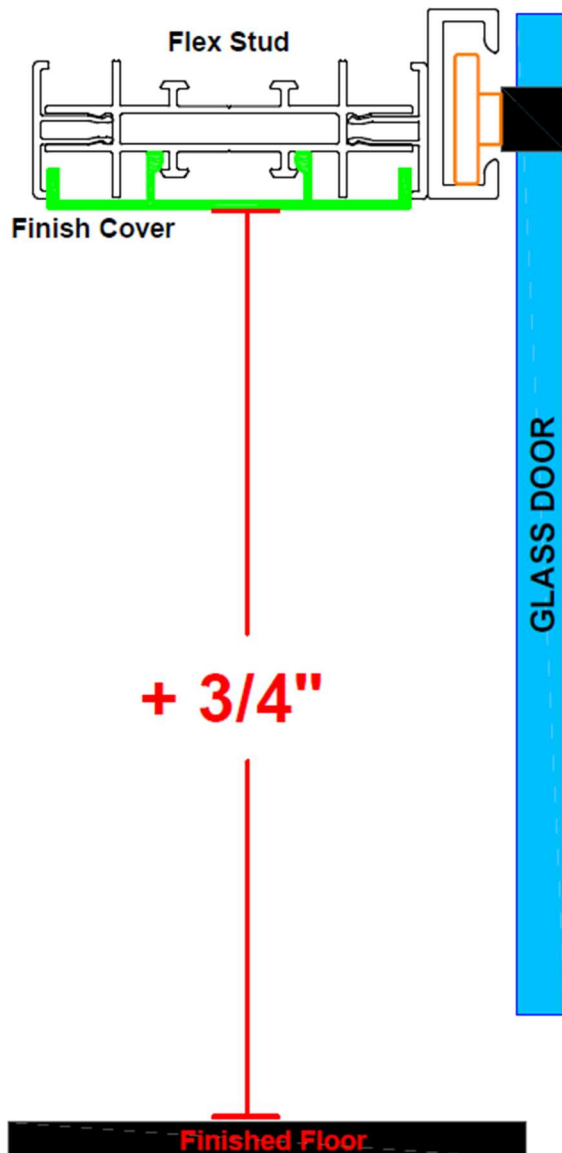
Glass Swing Door Height Measurement:
Finished Floor to Door Header Subtract 3/4"

****Measurement Location Shown****

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Flex Series Glass Measuring Guide

Flex Series Glass Measuring: Non-Full Height Single Glass Sliding Door – Height Measurement



Measuring situation as shown on elevation

Measurement Notes:

- Measure the height at 2-3 locations along the door opening to verify the height.
 - Use the shortest measurement for the door height. This will ensure the door does not contact the floor when opening and closing.
- With a 38" walkthrough opening the standard width for Sliding Glass Doors is 42".

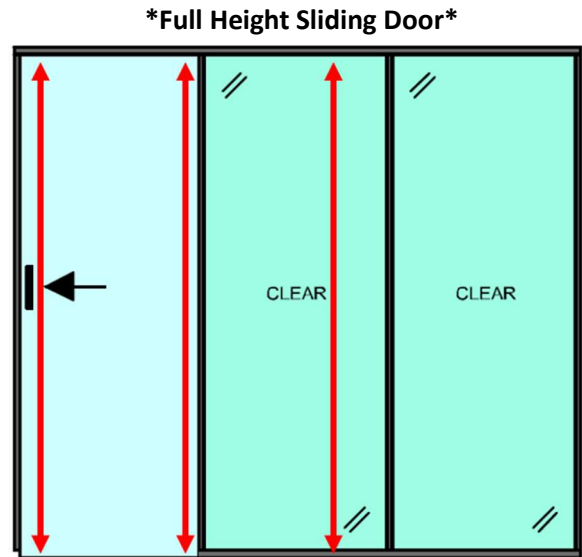
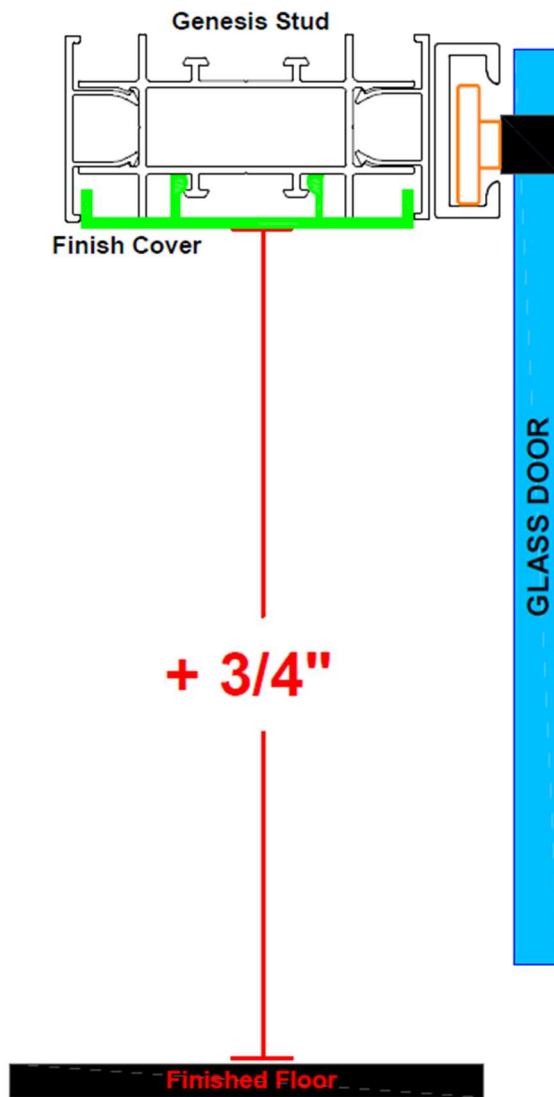
Glass Sliding Door Height Measurement:
Finished Floor to Finish Cover Add 3/4"

****Measurement Location Shown****

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Flex Series Glass Measuring Guide

Flex Series Glass Measuring: Full Height Single Glass Sliding Door – Height Measurement



Measuring situation as shown on elevation

Measurement Notes:

- Measure the height at 2-3 locations along the door opening to verify the height.
 - Use the shortest measurement for the door height. This will ensure the door does not contact the floor when opening and closing.
- With a 38" walkthrough opening the standard width for Sliding Glass Doors is 42".

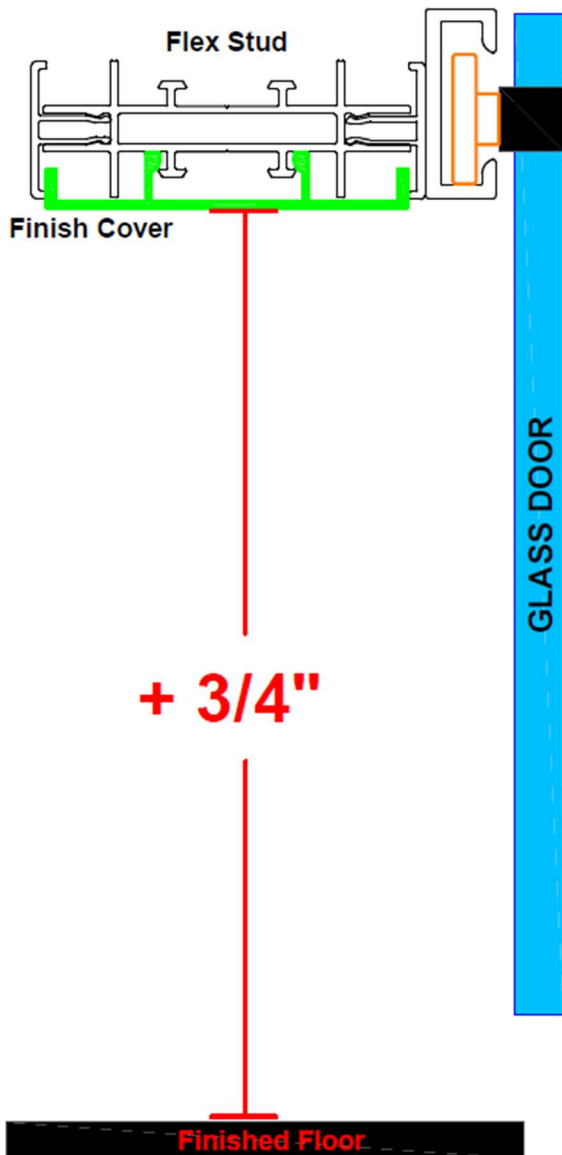
Full Height Glass Sliding Door Height Measurement:

Finished Floor to Finish Cover Add 3/4"

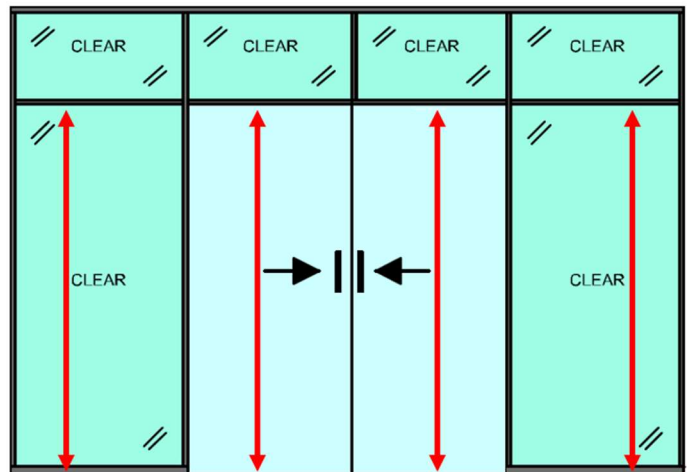
****Measurement Location Shown****

Nxtwall Flex Series Glass Measuring Guide

Flex Series Glass Measuring: Non-Full Height Double Glass Sliding Door – Height Measurement



Non-Full Height Double Sliding Door



Measuring situation as shown on elevation

Measurement Notes:

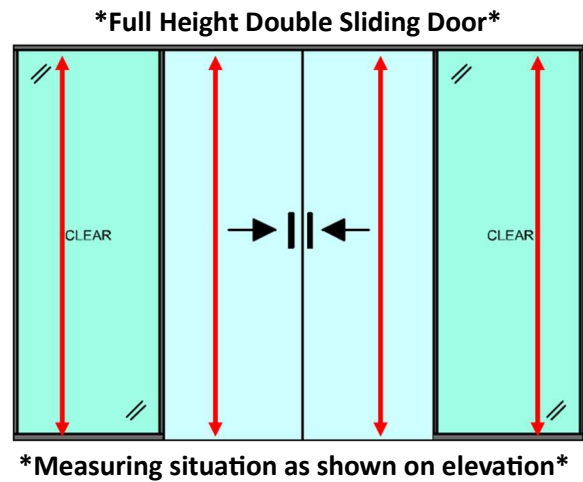
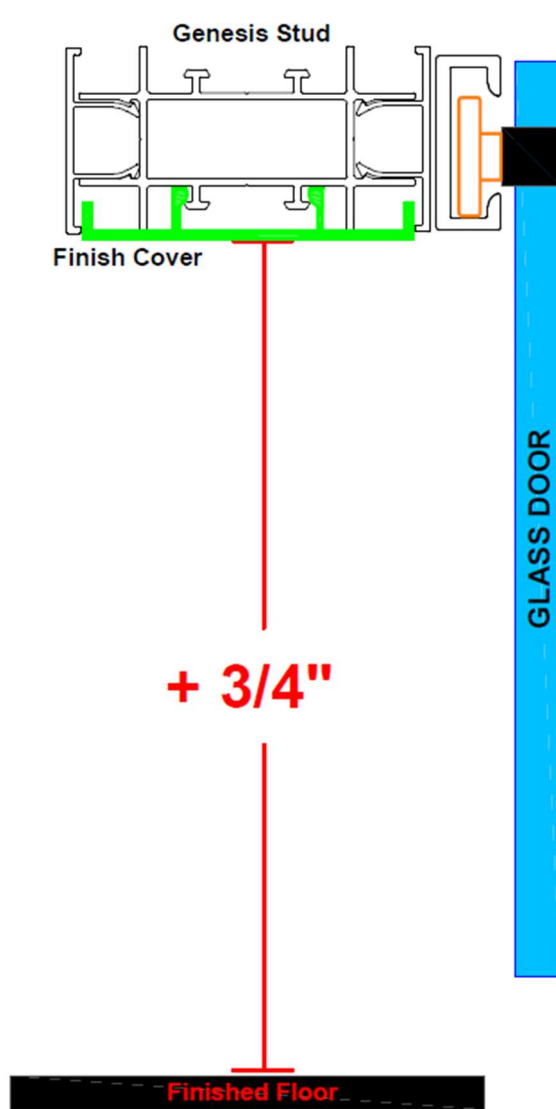
- Measure the height at 3-4 locations within the door opening to verify the height.
 - Use the shortest measurement for the door heights. This will ensure the doors do not contact the floor when opening and closing.
- It is important for door heights to match for the door handles to align with each other properly.
- Each door width will be 42”.

**Glass Sliding Door Height Measurement:
Finished Floor to Finish Cover Add 3/4"**

****Measurement Location Shown****

Nxtwall Flex Series Glass Measuring Guide

Flex Series Glass Measuring: Full Height Double Glass Sliding Door – Height Measurement



- Measurement Notes:
- Measure the height at 3-4 locations within the door opening to verify the height.
 - Use the shortest measurement for the door heights. This will ensure the doors do not contact the floor when opening and closing.
 - It is important for door heights to match for the door handles to align with each other properly.
 - Each door width will be 42".

Full Height Glass Sliding Door Height Measurement:
Finished Floor to Finish Cover Add 3/4"
****Measurement Location Shown****