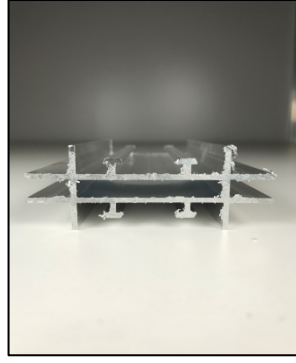# nxtwall

Flex Series
Sliding Door Installation
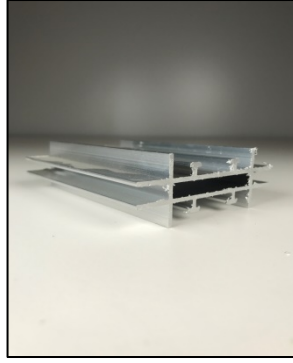### (Full Height/Non-Full Height)

Materials:

Genesis Stud

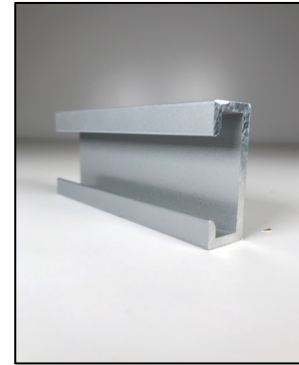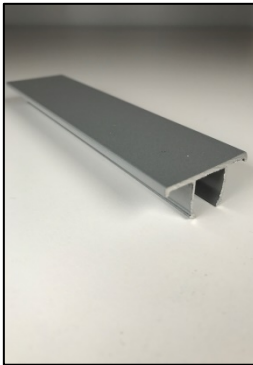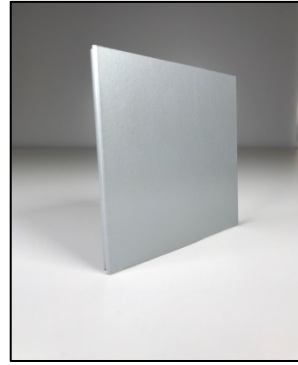Flex Stud

Flex Track

Flex Post

Flex Trim

Genesis Trim

C-Rail

Finish Cover

Flex L-Bracket

C-Rail Prep/Installation:

1. Cut C-Rail to 77" long eliminating the end hole (end hole is there to enable painting of the product).
2. Lay the C-Rail down so the backside (non-open side) is facing upwards. Hook tape on the end and mark at 4", 27", 50", and 73".
3. Look at the end of the C-Rail and find the small side (this is the bottom, see **Image 1** below for reference). Make a mark on the back 1/2" up at the locations above.
    (Please note: Full Height doors with a Genesis Stud will be 3/4" up from the bottom).
4. At each marked location drill a 5/32" hole.
5. Using a quick clamp, fix your C-Rail into place, level, then take a 5/32" drill bit and drill through the trim and stud. Remove the clamps and the C-Rail. The holes on the C-Rail will be countersunk **AFTER** this step. (Note: When installing a Full Height Sliding Door the C-Rail must be an 1/8" from the ceiling to allow room for a soft close trigger).
6. Take the C-Rail screws #10/24 x 1 ½" and tap the holes on the framing.
7. Take the C-Rail and countersink the holes with a 3/8" countersink bit (see **Image 2**). Countersink the holes until the head of the screw is flush with the C-Rail.
8. Install the C-Rail. It is important to make sure the C-Rail is completely clean of debris prior to installing the door(s).
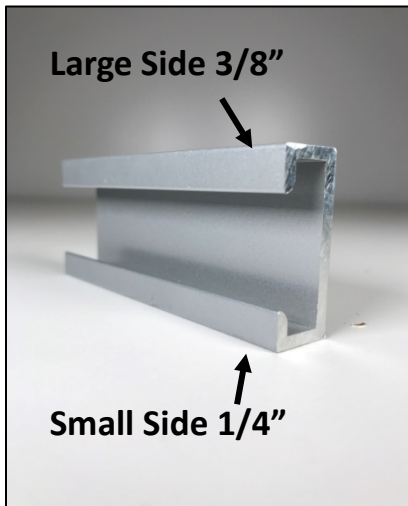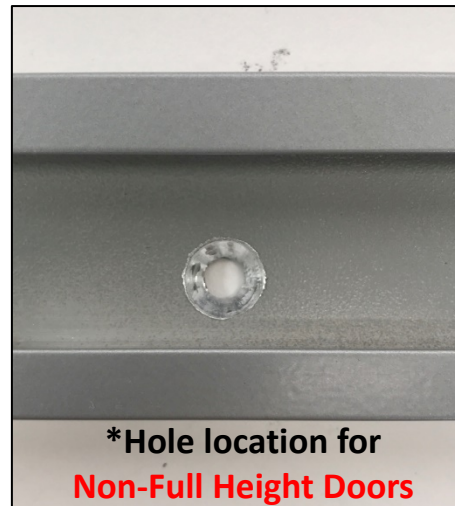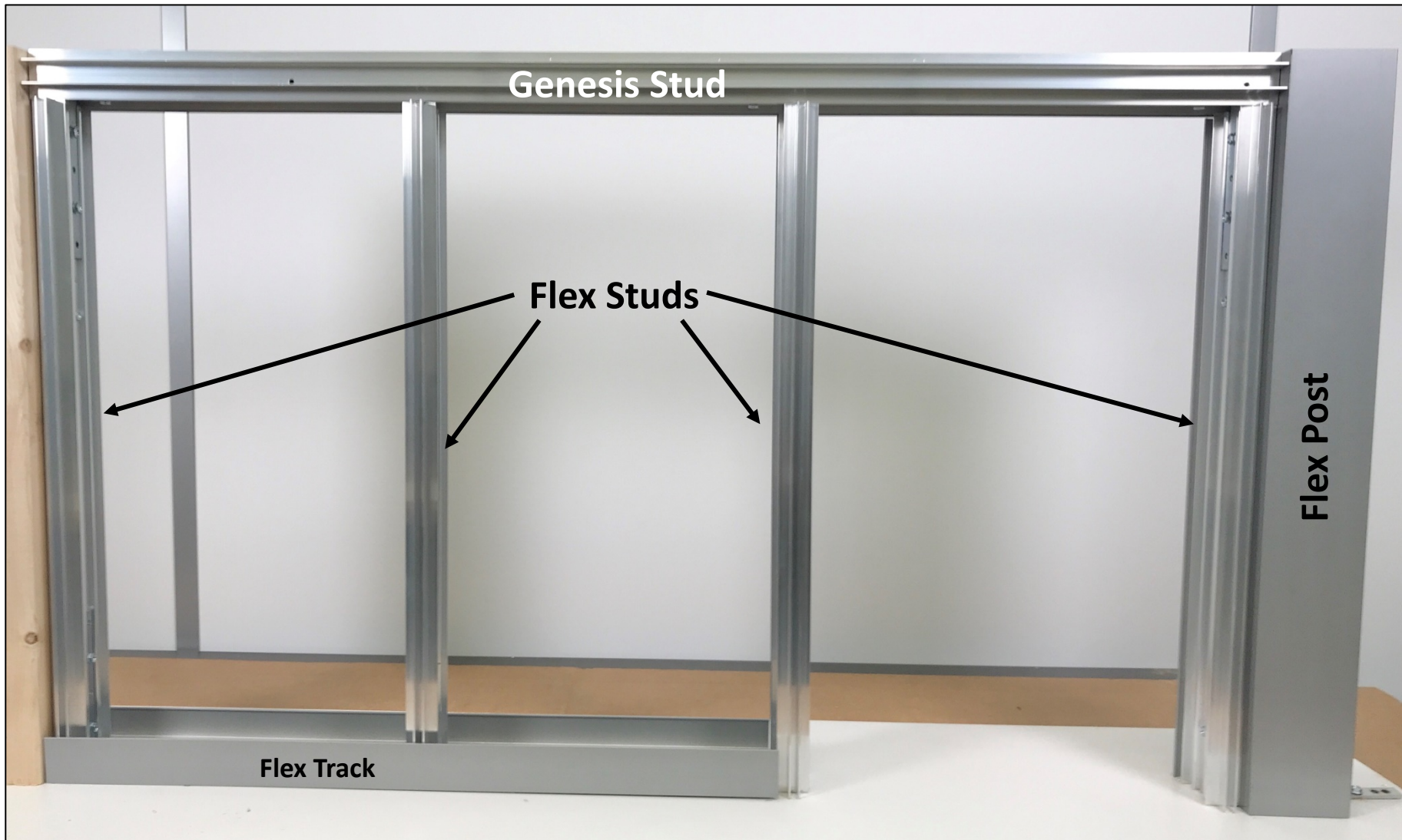
Image 1:

Large Side 3/8"

Small Side 1/4"

Image 2:

*Hole location for
Non-Full Height Doors

*Hole location for
Full Height Doors

Countersink Bit:

COUNTERSINKS 3/8 82° HSS
1 FLUTE
SWALLOW TOOL

3

Full Height Sliding Door:

When framing for a **Full Height Sliding Door** a **Genesis Stud** will be attached to the ceiling across the opening. It is important to make sure the Genesis Stud is 100% level. Prior to attaching the Genesis Stud to the ceiling install the Flex L-Brackets by sliding them into middle channel of the Genesis Stud. Flex Studs will be used as the vertical studs.
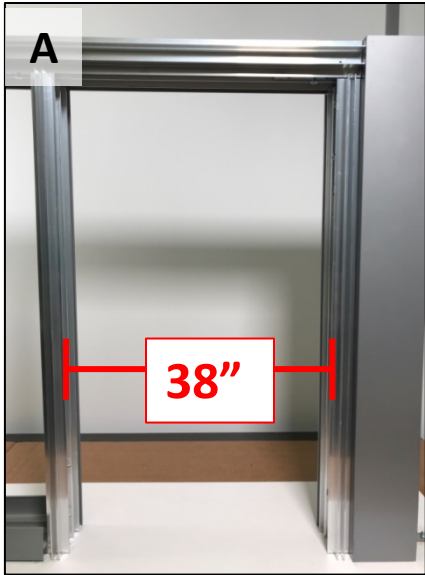
Screw Guide:
3/4" – L-Brackets
1 ¼" – Post Screws
Wall/Ceiling/Floor Attaching (Not Provided)
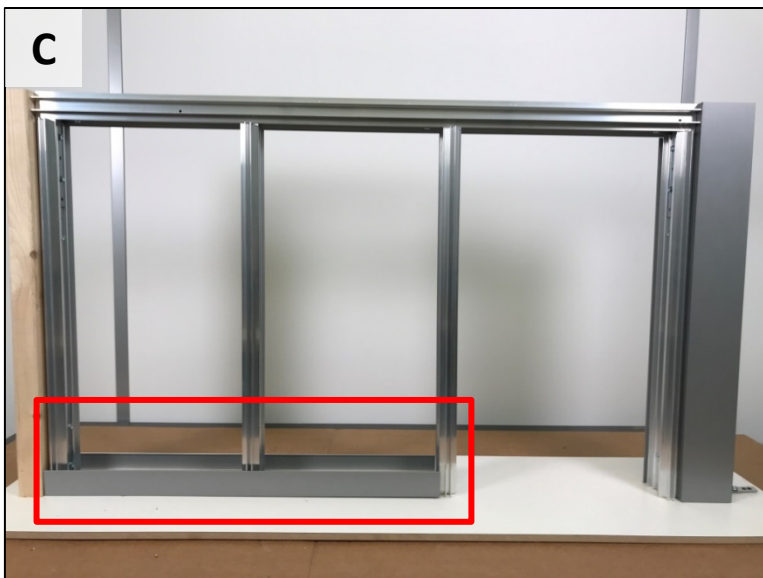
Full Height Sliding Door:

Once the Genesis Stud is attached to the ceiling cut and install the vertical Flex Studs for the door opening.

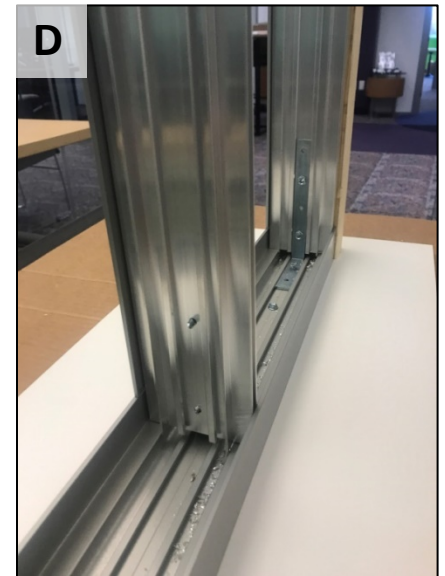**NOTE: The Flex Studs will run straight to the floor for the door opening.**

IMPORTANT: The finished opening must be 38".

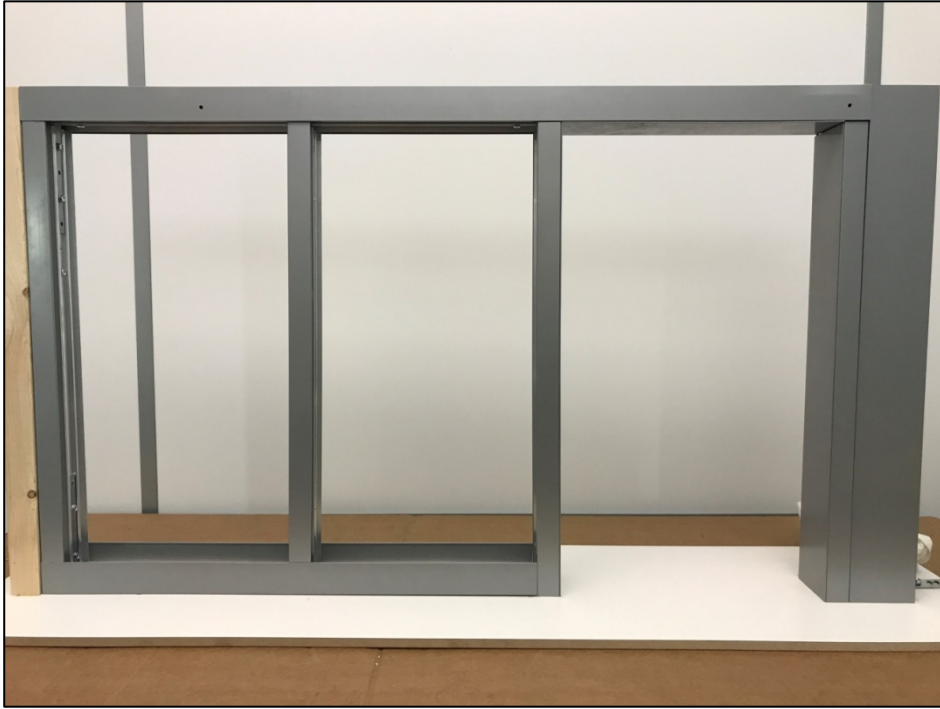Attach the Genesis Stud and the Flex Stud together with the Flex L-Brackets.

Once the door opening is plumb and square the measurement for the Flex Track on the floor can be taken. This measurement will be taken from the *existing wall to the Flex Stud of the door opening*. Cut the Flex Track and install the Flex L-Brackets. Attach the Flex Track to the floor.

The remaining Flex Studs will install into the Flex Track. 5
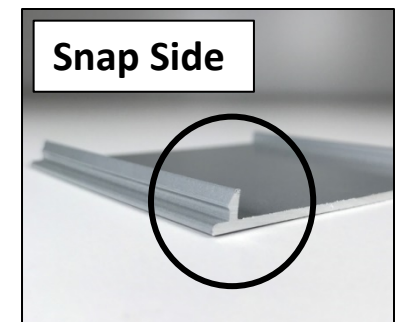
Full Height Sliding Door:

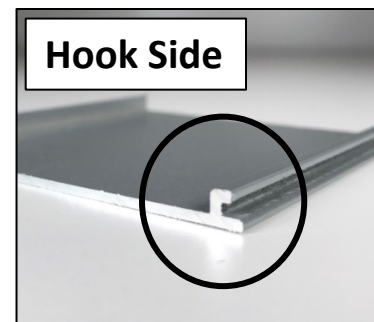After setting the framing, install all solid or glass panels into the wall. Then install the Genesis Trim and Flex Trim on both sides of the wall.

Finish the door opening with the Finish Covers. The Finish Covers will hook on the Trim on one side and snap into the Trim on the opposite side.

IMPORTANT: All solid panels, trim, and Finish Covers must be installed prior to installing the C-Rail for the sliding door.
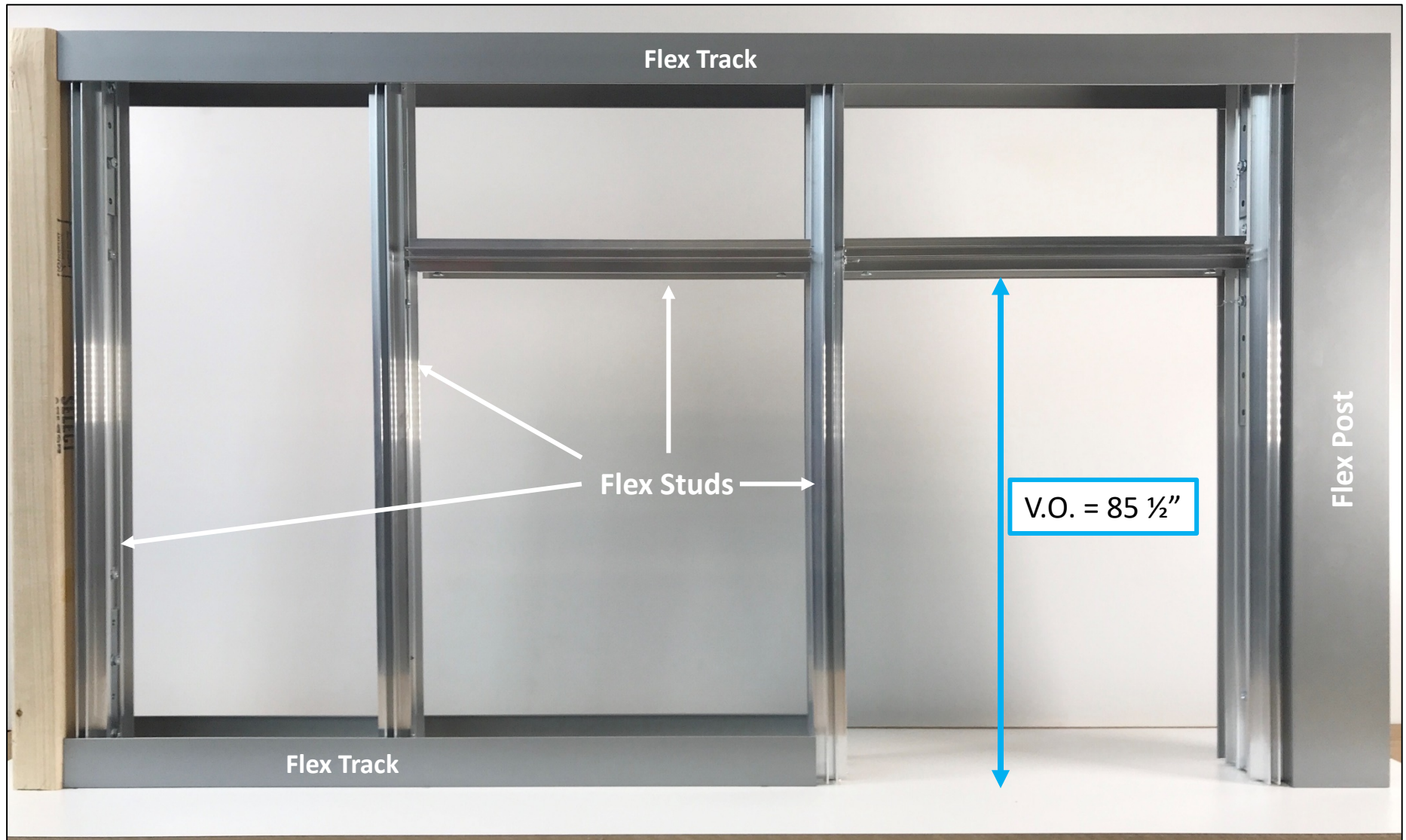
Full Height Sliding Door:

When prepping and installing the C-Rail for a Full Height Sliding Door, mount the C-Rail an 1/8" down from the top of the Genesis Trim as shown.

For complete C-Rail prep/installation reference page 3.

Finished framing for a Full Height Sliding Door.

Non-Full Height Sliding Door:

Flex Track

Flex Studs

Flex Track

Flex Post

V.O. = 85 ½"

When framing for a **Non-Full Height Sliding Door** the wall will be installed with a **Flex Track** attached to the ceiling. Flex Studs will be used for mounting the C-Rail. The height of the door opening will be determined by the horizontal Flex Stud location. Flex Studs will also be used as the vertical studs.
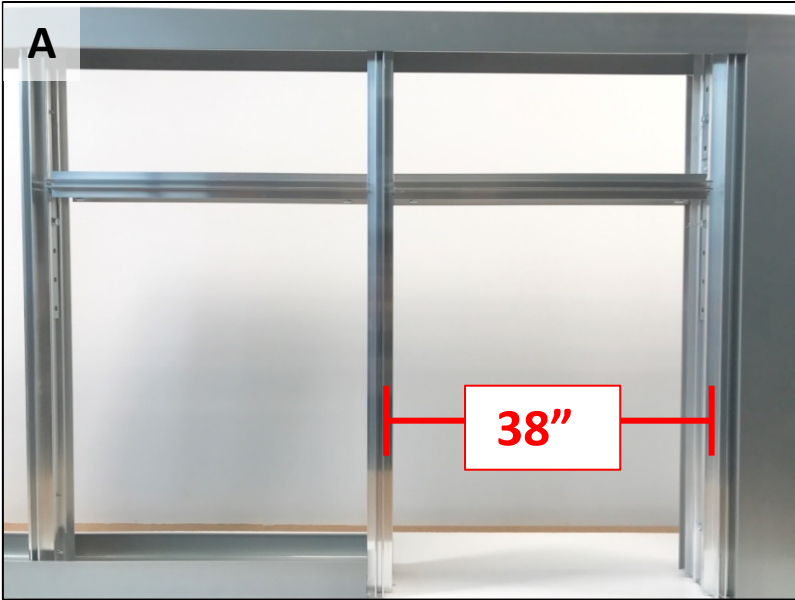
Screw Guide:
¾" – L-Brackets
1 ¼" – Post Screws
Wall/Ceiling/Floor Attaching (Not Provided)

For a Standard Height Door the visual opening (floor to bottom of the stud) measurement is 85 ½"
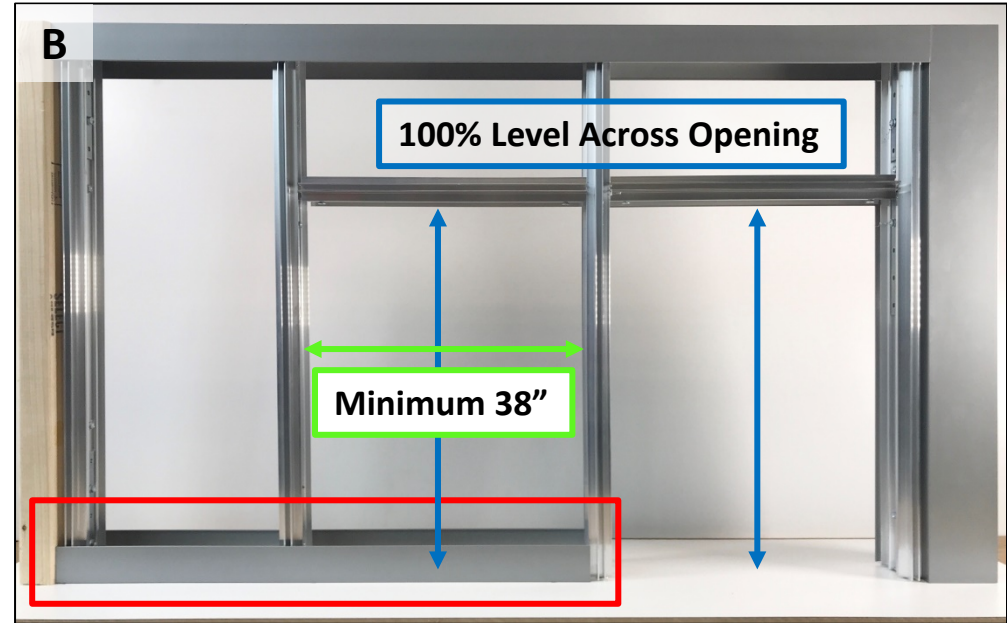
Non-Full Height Sliding Door:

A

38"

Once the Flex Track is attached to the ceiling, cut and install the vertical Flex Studs for the door opening. **The Flex Studs will run straight to the floor for the door opening**. IMPORTANT: The finished opening must be 38".

C

Attach the horizontal Flex Studs by sliding in Flex L-Brackets into the channel on the stud.

If there is a sidelight next to the door opening the opening for the fixed pane must be a minimum of 38". Unless there is a continuation of a horizontal stud.

B

100% Level Across Opening

Minimum 38"

Plumb and square the door opening to take the measurement for the Flex Track on the floor. This measurement will be taken from the *existing wall to the Flex Stud in the door opening*. Cut the Flex Track and install the Flex L-Brackets. Attach the Flex Track to the floor. Cut and install all vertical Flex Studs.

Once the vertical Flex Studs are in place, cut the horizontal Flex Studs for the door opening. Set the horizontal studs at the desired height. **Make sure the horizontals studs are 100% level.**
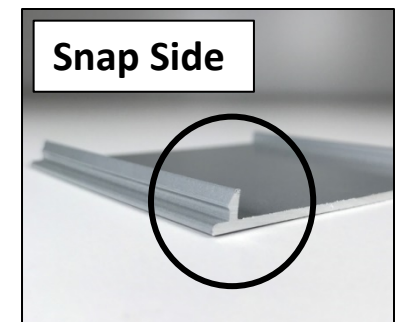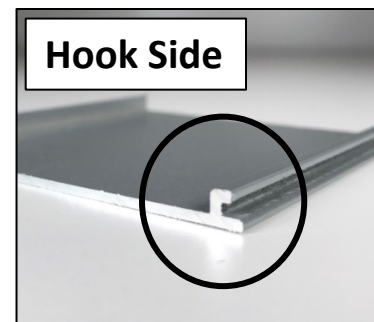
9

Non-Full Height Sliding Door:

After setting the framing, install all solid or glass panels into the wall. Next, install all Flex Trim on both sides of the wall.

IMPORTANT: All solid panels, trim, and Finish Covers must be installed prior to installing the C-Rail for the sliding door.

Finish the door opening with the Finish Covers. The Finish Covers will hook on the Trim on one side and snap into the Trim on the opposite side.

Hook Side

Snap Side

10

Non-Full Height Sliding Door:

When prepping and installing the C-Rail for a Non-Full Height Sliding Door flush the C-Rail with the top of the door opening as shown.

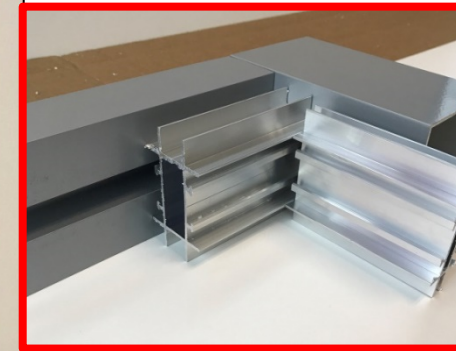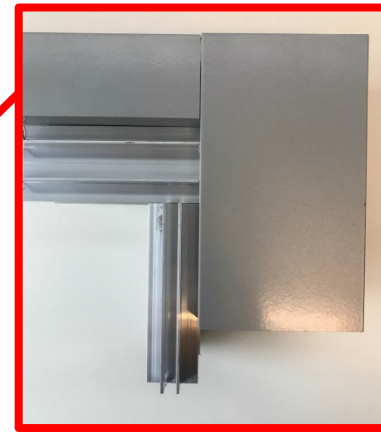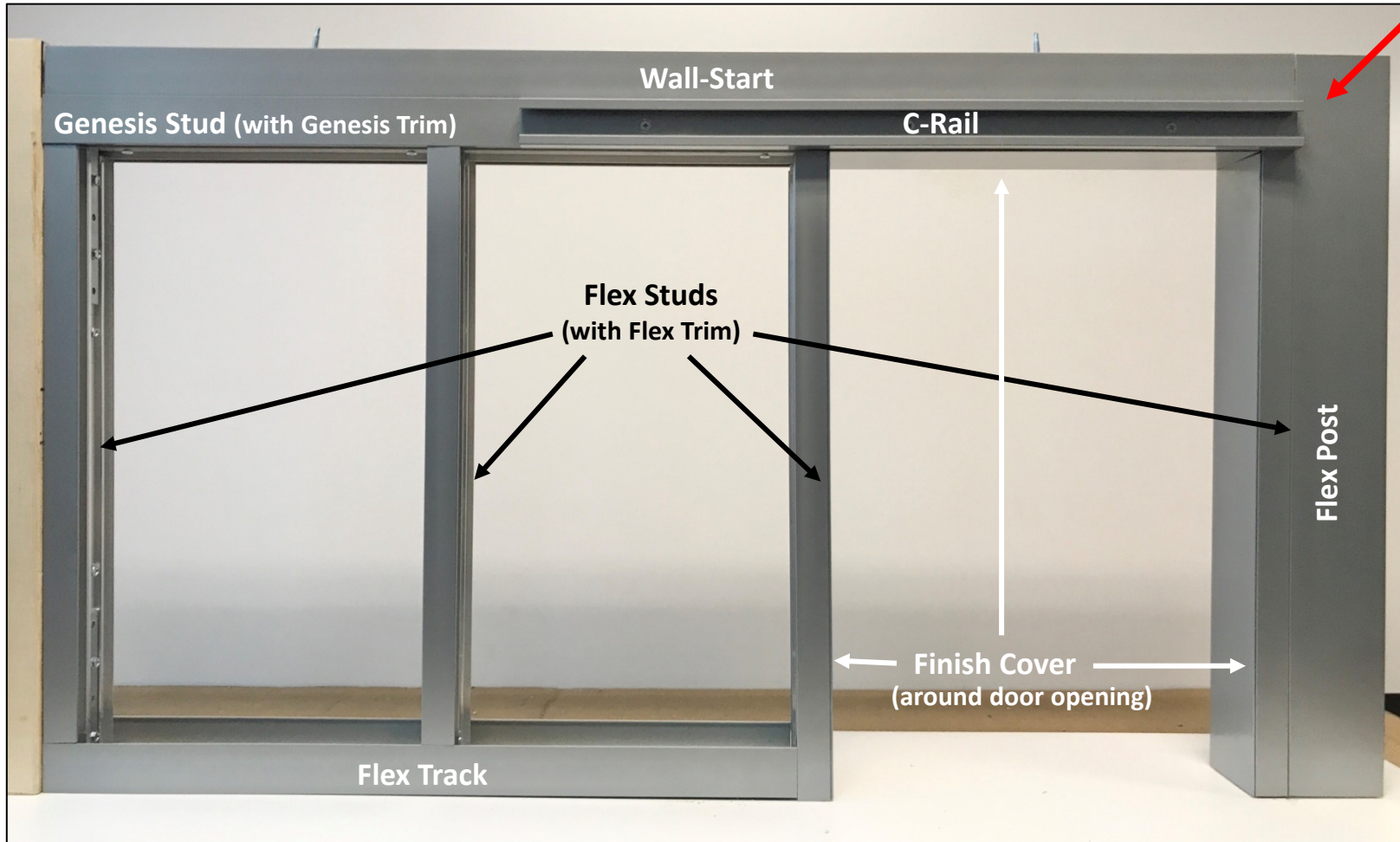For complete C-Rail prep/installation reference page 3.

Finished framing for a Non-Full Height Sliding Door.

Flex Series
Freestanding Sliding Door Installation (Full Height/Non-Full Height)

Freestanding Full Height Sliding Door:

Wall-Start

Genesis Stud (with Genesis Trim)

C-Rail

Flex Studs (with Flex Trim)

Flex Post

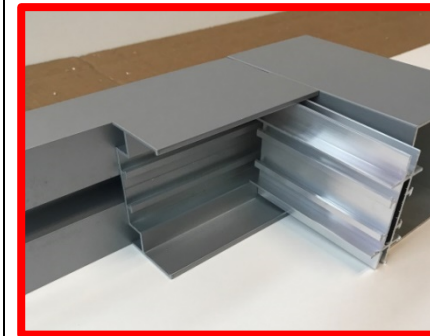**Finish Cover (around door opening)**

Flex Track

Photos above show the orientation of the framing materials. The U-Channel of the Wall-Start will be facing downwards.

When installing a Freestanding Flex Series project with a ***Full Height*** Sliding Door the Flex Post height will run to the top of the wall. There will be a horizontal Wall-Start installed on top of the Genesis Stud which spans across the top of the opening. Please reference Flex Series Full Height Sliding Door framing guide for the remaining installation instructions.

PLEASE NOTE: The floor may not be level. You may need to adjust the height of each individual Flex Post and Vertical Flex Studs to ensure horizontal Genesis Stud/Wall-Start of the structure is 100% level.

Freestanding Non-Full Height Sliding Door:

Wall-Start

Genesis Stud (with Genesis Trim)

C-Rail

Flex Studs (with Flex Trim)

Flex Post

Finish Cover (around door opening)
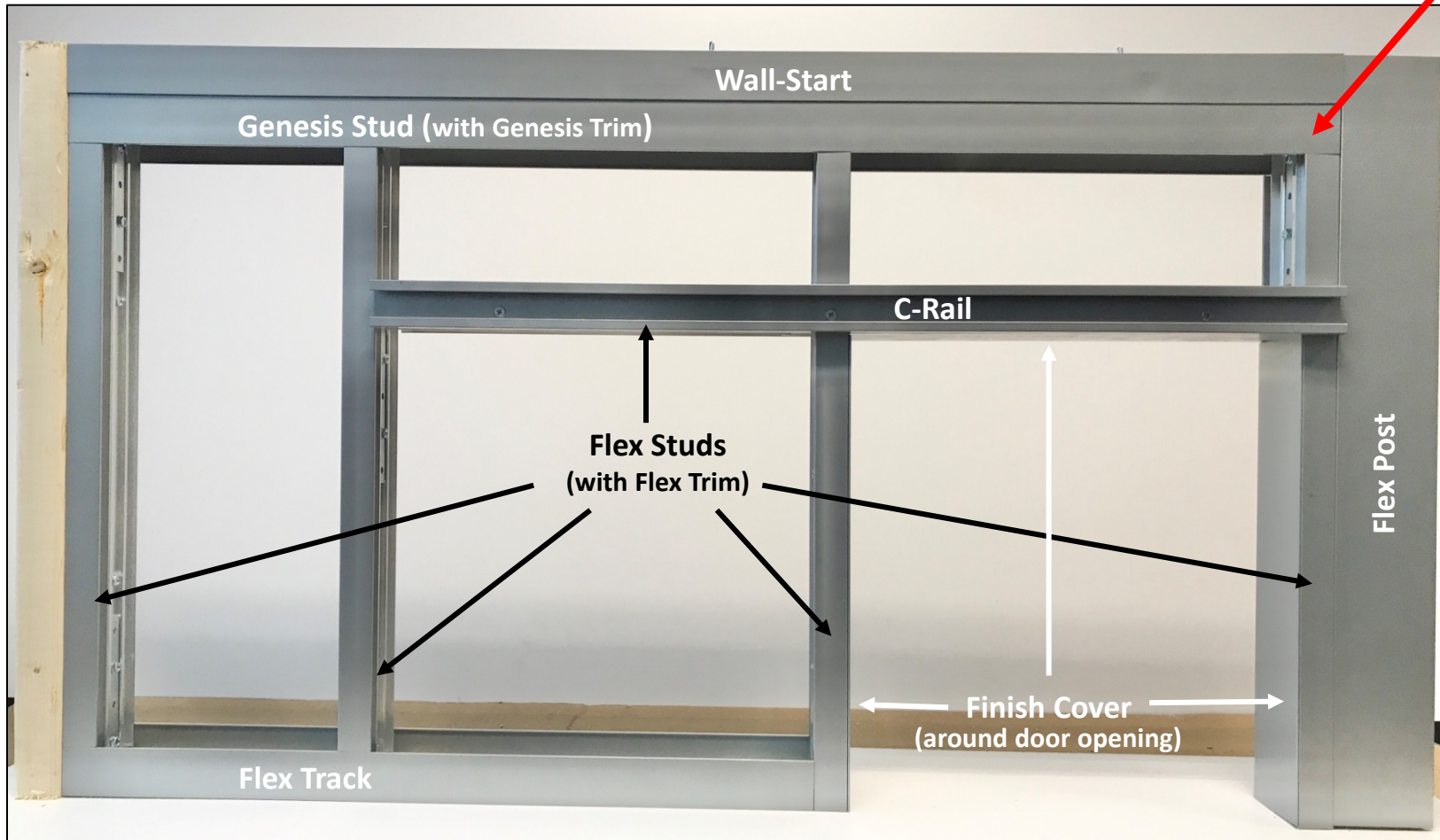
Flex Track

Photos above show the orientation of the framing materials. The U-Channel of the Wall-Start will be facing downwards.

When installing a Freestanding Flex Series project with a ***Non-Full Height*** Sliding Door the Flex Post height will run to the top of the wall. There will be a horizontal Wall-Start installed on top of the Flex Track which spans across the top of the opening. Please reference the Flex Series Non-Full Height Sliding Door framing guide for the remaining installation instructions.