

## Lift & Slide Windows & Doors

**Quantum Lift & Slide** doors are a popular style for opening up large expanses. A single lever and wheels lift the panel off the sill and away from the weather stripping enabling motion with very little effort. A door weighing up to 880 pounds can be operated with ease.

The **Lift & Slide** door system offers three significant advantages over conventional sliding doors. The doors run on two multi wheel carriages engineered to provide maximum support and incredibly smooth movement. Superior sealing capabilities engage when the door is in the locked position. Dual weather seals at the top, bottom and sides actually become tighter with increased door size.

**Lift & Slide** doors are designed to resist air and water infiltration better than other sliding door options. Multiple operable door panels slide and overlap each other, opening up amazingly wide spaces. Operable sliding panels combined with fixed panels result in a remarkable number of size and configuration possibilities, including corner units with no post.

In applications where a clad product may be more desirable, we have added **Quantum Clad** to our list of door options. Ask your Quantum Representative about the available styles, colors and pricing.

### Styles

- Interior & Exterior Pocketing Doors
- Corner Configurations
- Interior Room Partitions

### Options

- Flat & Raised Wood Panels
- Unlimited Glass Options
- Transoms & Sidelites
- Screens
- Interior Profiles



Big Sur, CA  
Fougeron Architecture  
Joe Fletcher Photography



Lakebay, WA  
mw|works architecture+design  
Jeremy Bitterman Photography



Olive Township, MI  
Lucid Architecture  
Eric De Witt, Photo



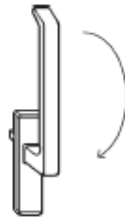
Hermosa Beach, CA  
Starr Design Group  
Tom Sanders Photography

For more information please contact your Quantum Representative



# Lift & Slide Windows & Doors

## Operation



To open the door, rotate the handle down 180°. A single lever and wheels lift the panel relative to the sill, taking the pressure off the weather stripping and eliminating drag. The doors run on two multi wheel stainless steel carriage systems which provide support as well as a silky smooth operation.

- Interior lever handle with exterior flush pull standard for primary active panel
- Panels do not require thumb turn or keyed lock unless exterior lever handles are specified
- All active panels must have at least an interior handle to facilitate the lift and slide function

## Weather Seals

When the door is closed and the handle is rotated back up 180°, the panels are pulled toward the jamb and lowered onto the sill, engaging dual weather seals at the top, bottom and sides.

- Door sills must be shimmed level within +/- 1/32"

## Applications

Lift & Slide doors beautify a large scale opening and they also offer versatility as interior doors where sound control is important. Pocket doors are another popular use for Lift & Slides.

## Specification Highlights

**Door Panel Width Range** - 23-3/8" to 118-1/8" \*\*

**Door Panel Height Range** - 69-7/8" to 120" + \*\*

**Maximum Panel Weight** - 880 lbs

**Standard/Minimum Stile & Top Rail** - 2-7/8"

**Standard/Minimum Stile & Bottom Rail** - 5-7/8"

**Standard/Minimum Door Panel Thickness** - 56mm or 68mm

**Screen Panel Thickness** - 1-1/4" up to 48" in width or 96" in height

**Screen Panel Thickness for large panels** - 1-3/4" +

\*\*Subject to glass availability

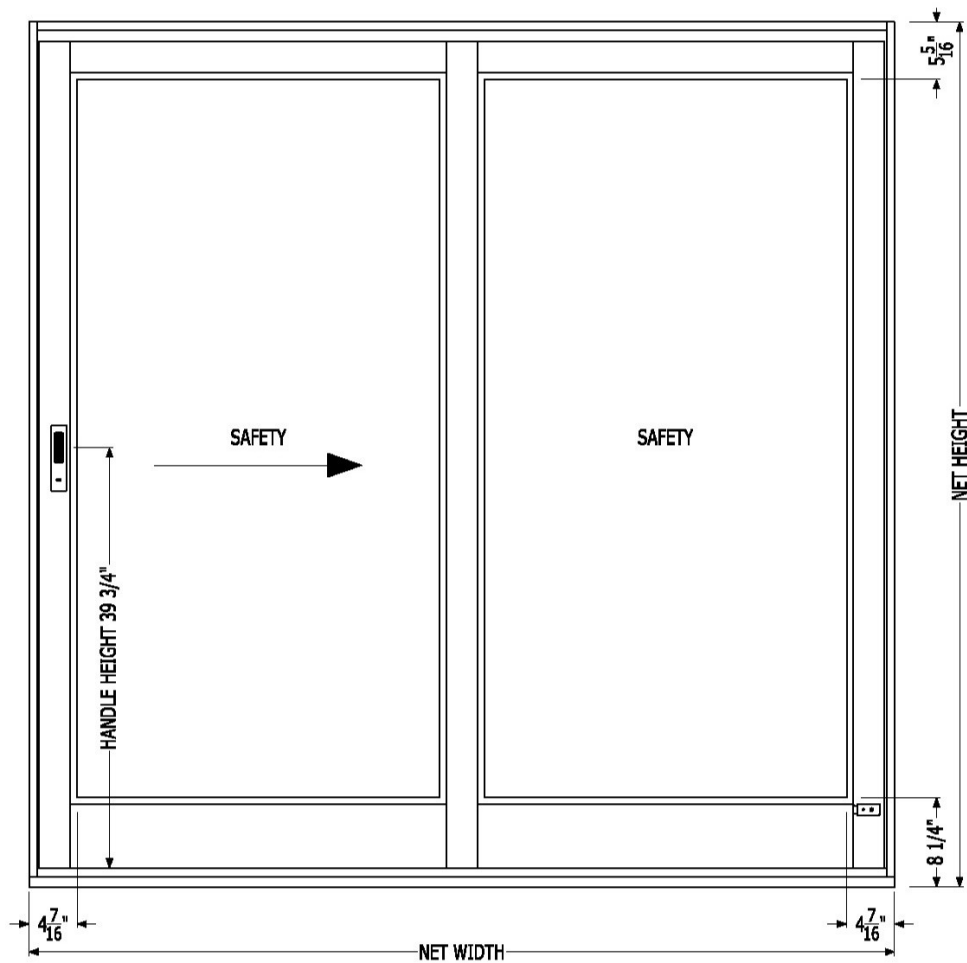


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# Lift & Slide Windows & Doors

## 2 Panel Lift & Slide

XO

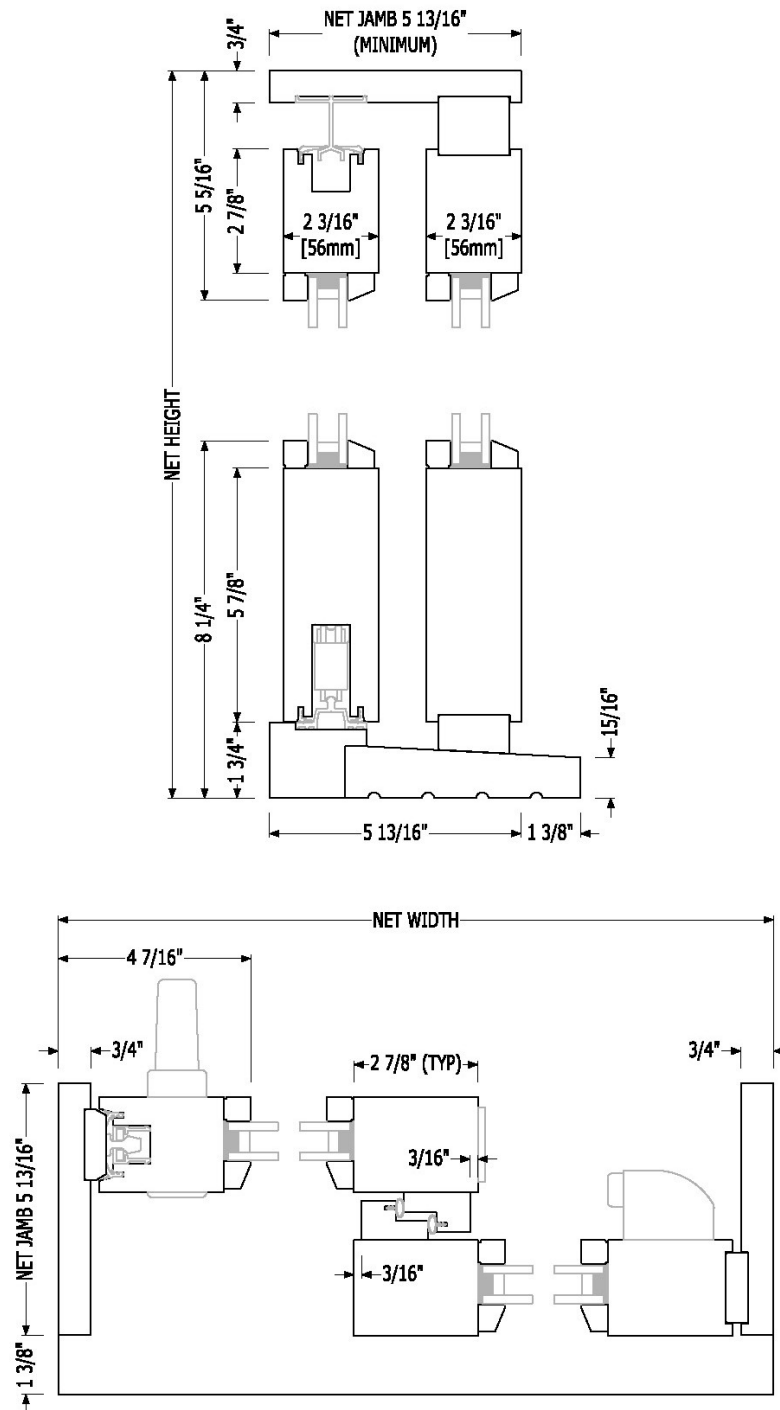


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# Lift & Slide Windows & Doors

## 2 Panel Lift & Slide

XO



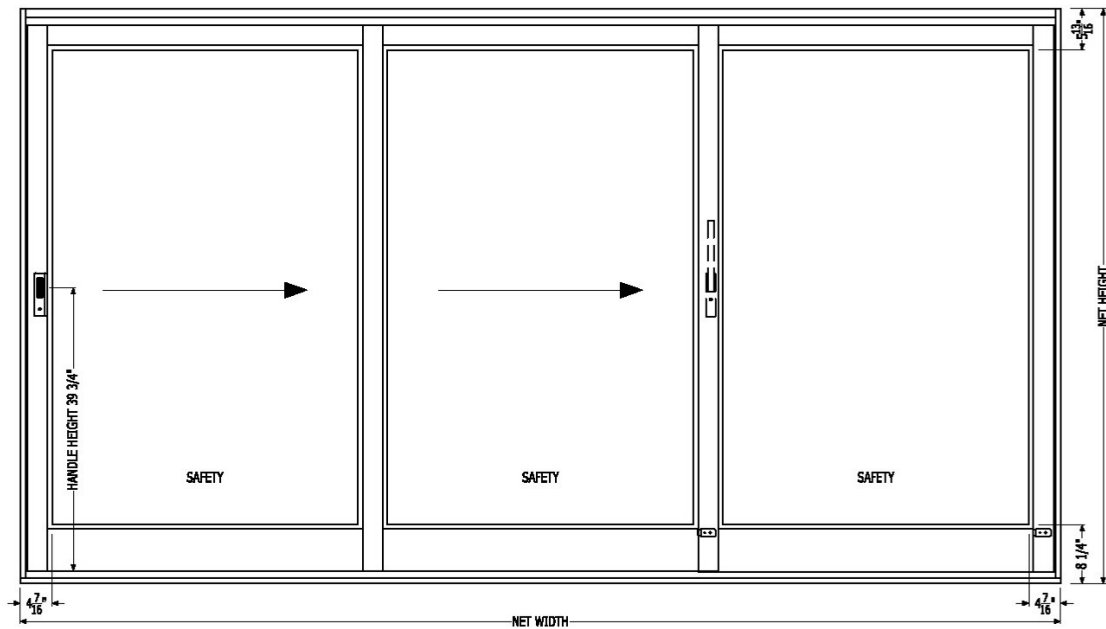
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For more information please contact your Quantum Representative

# Lift & Slide Windows & Doors

## 3 Panel Lift & Slide

XXO

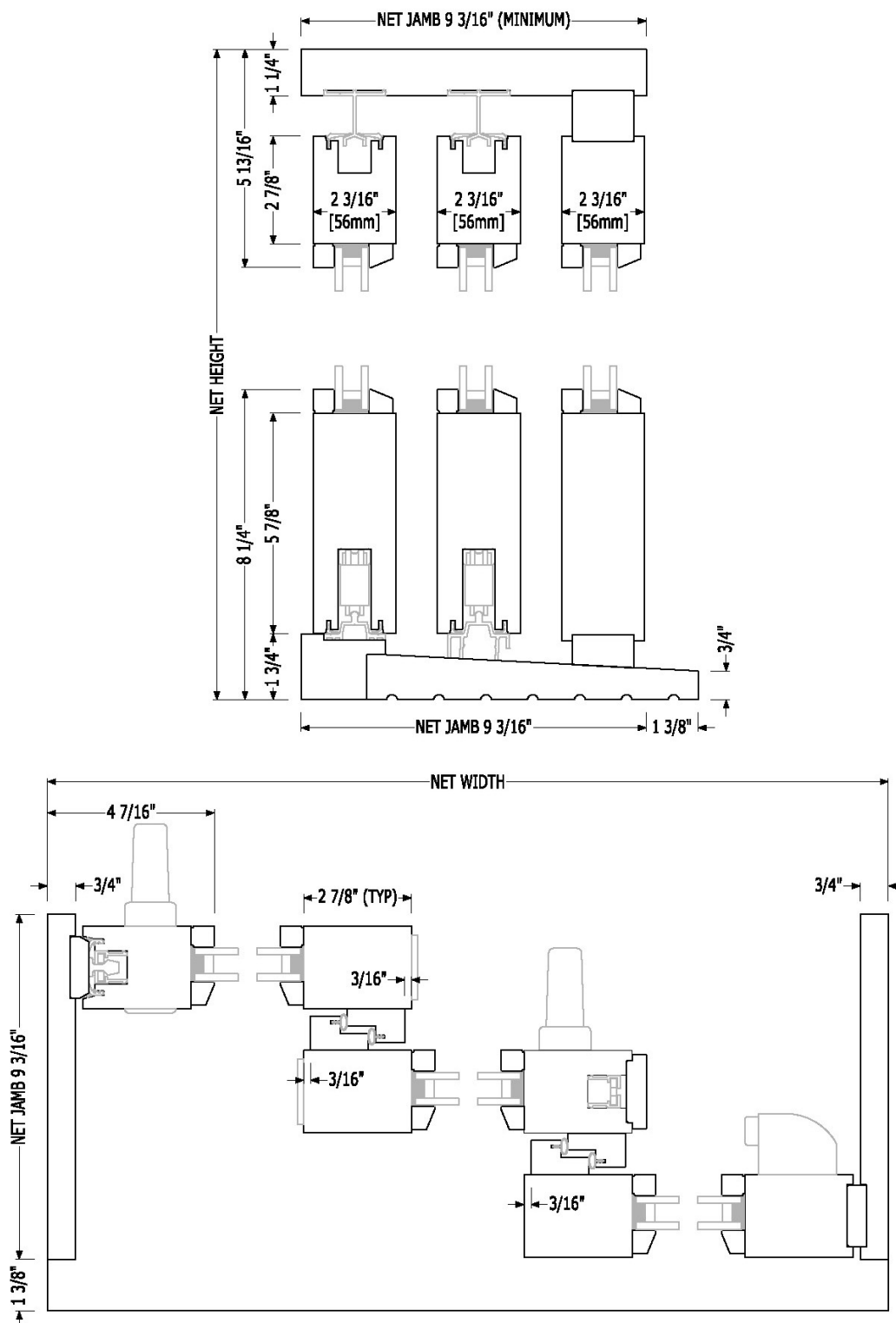


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# Lift & Slide Windows & Doors

## 3 Panel Lift & Slide

XXO



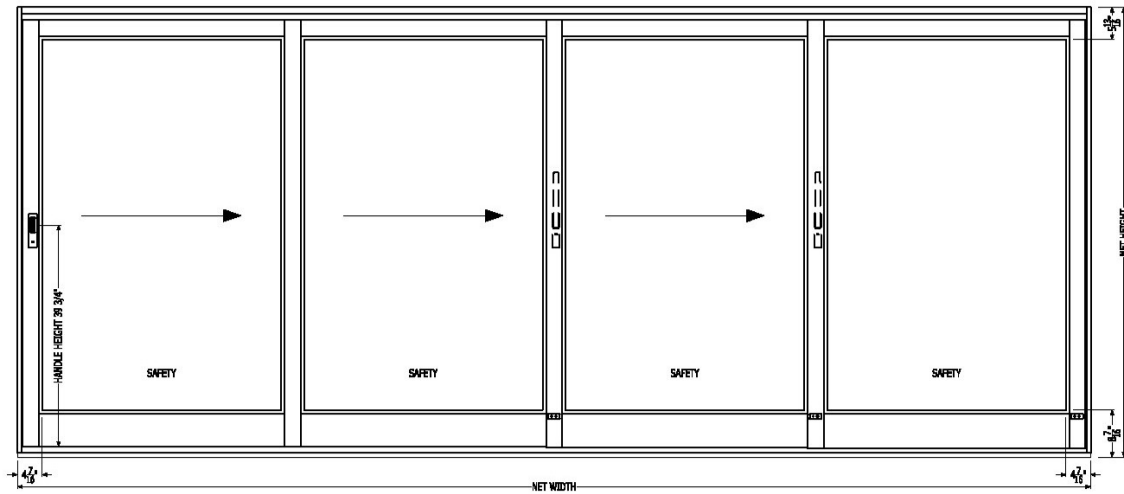
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# Lift & Slide Windows & Doors

## 4 Panel Lift & Slide

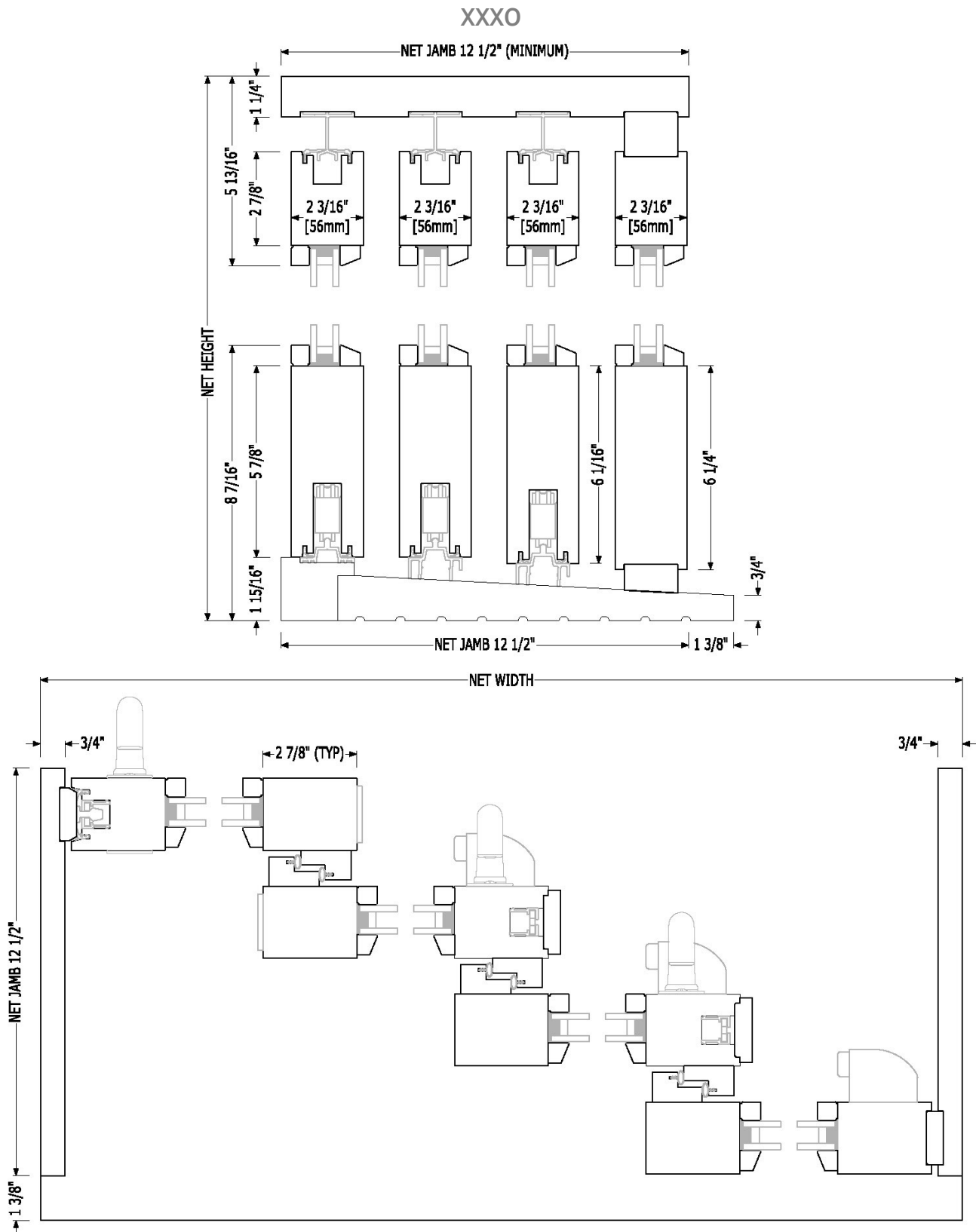
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# Lift & Slide Windows & Doors

## 4 Panel Lift & Slide



LS-6

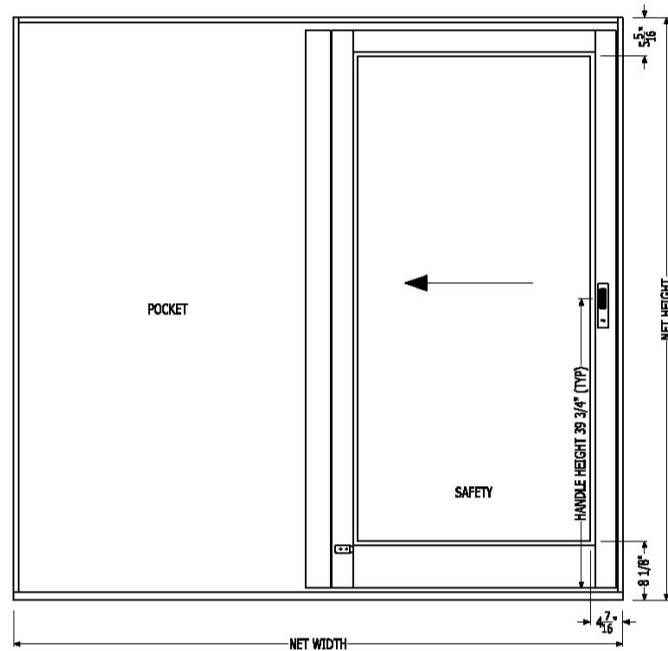
For more information please contact your Quantum Representative



# Lift & Slide Windows & Doors

## 1 Panel Pocketing Lift & Slide

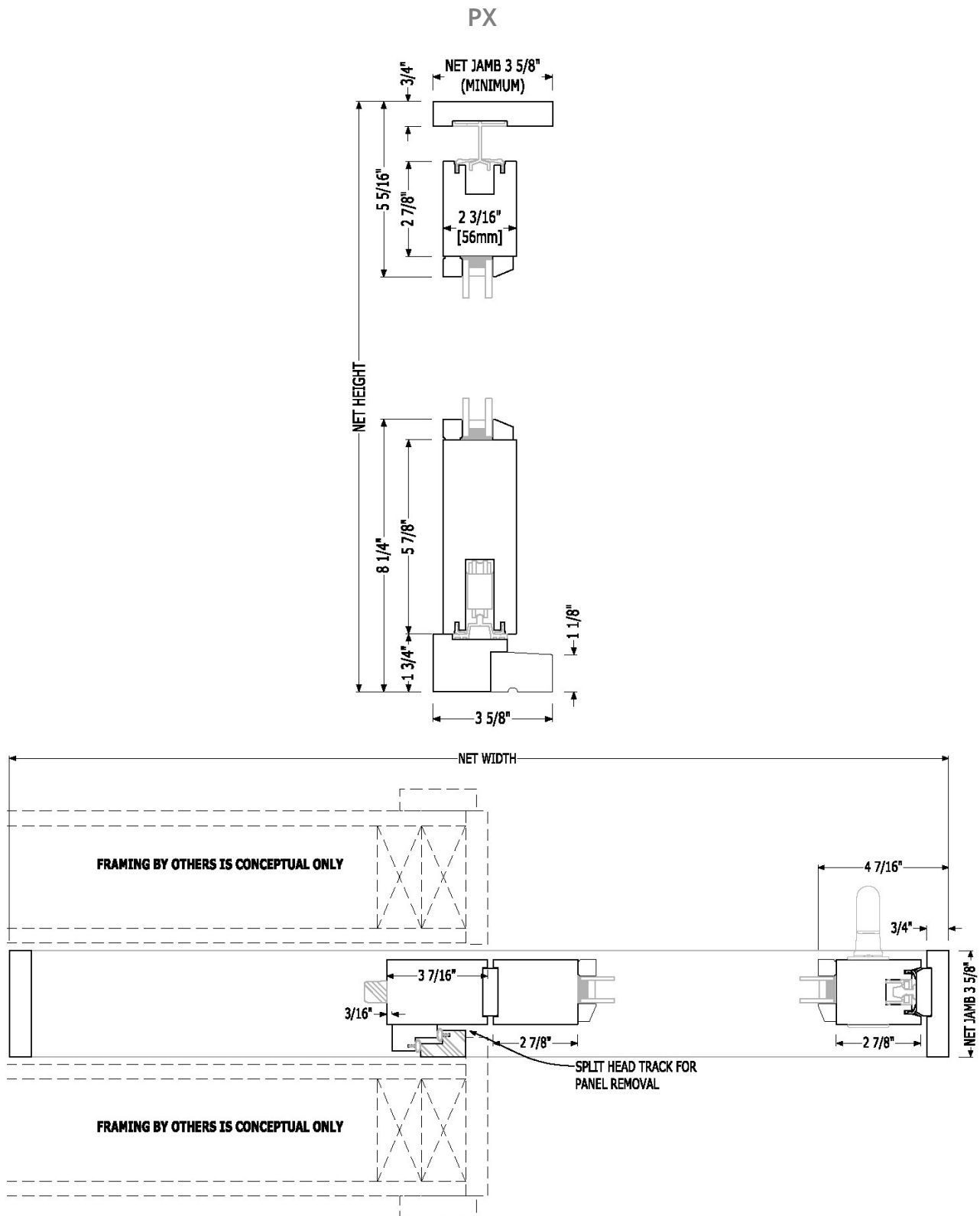
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# Lift & Slide Windows & Doors

## 1 Panel Pocketing Lift & Slide

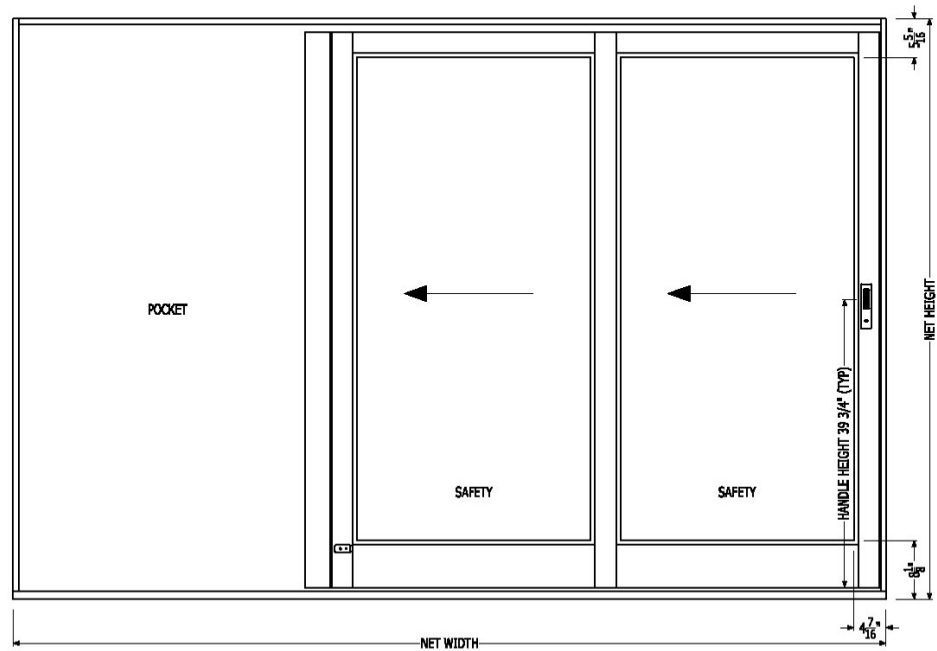


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# Lift & Slide Windows & Doors

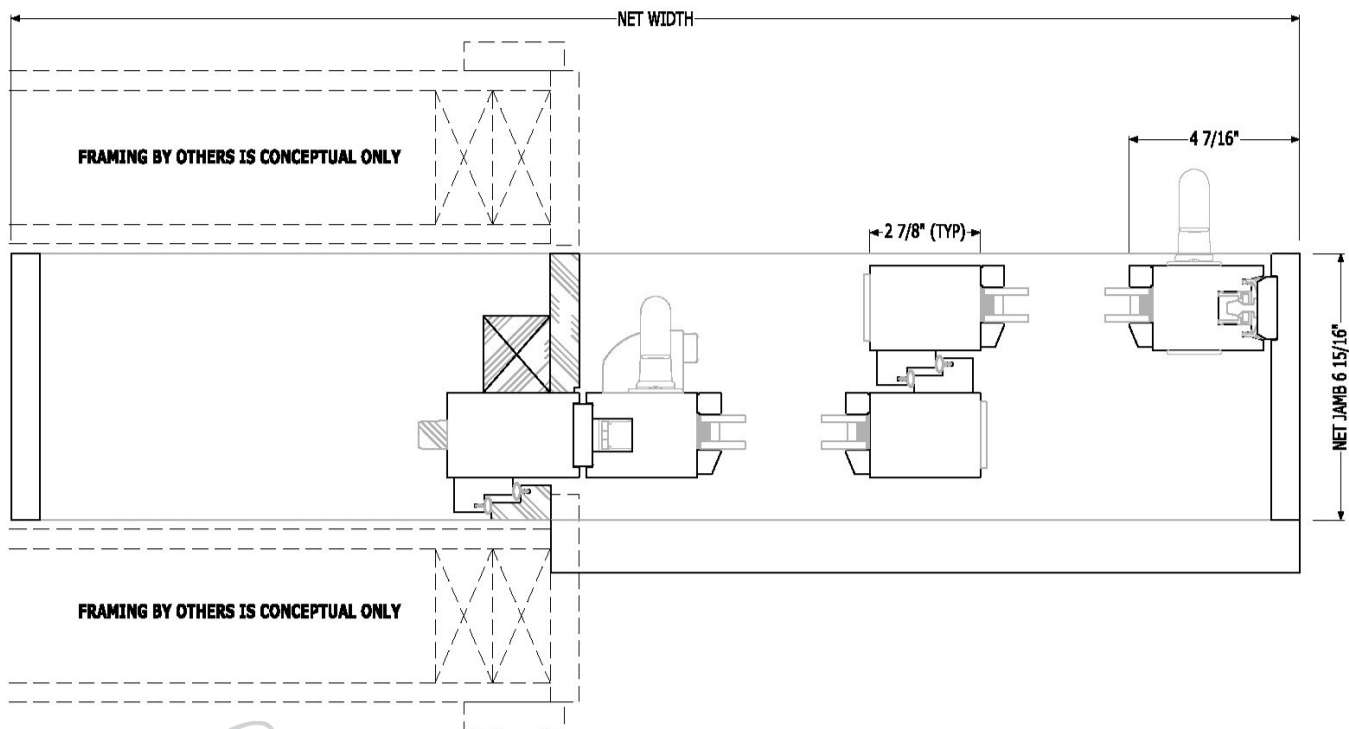
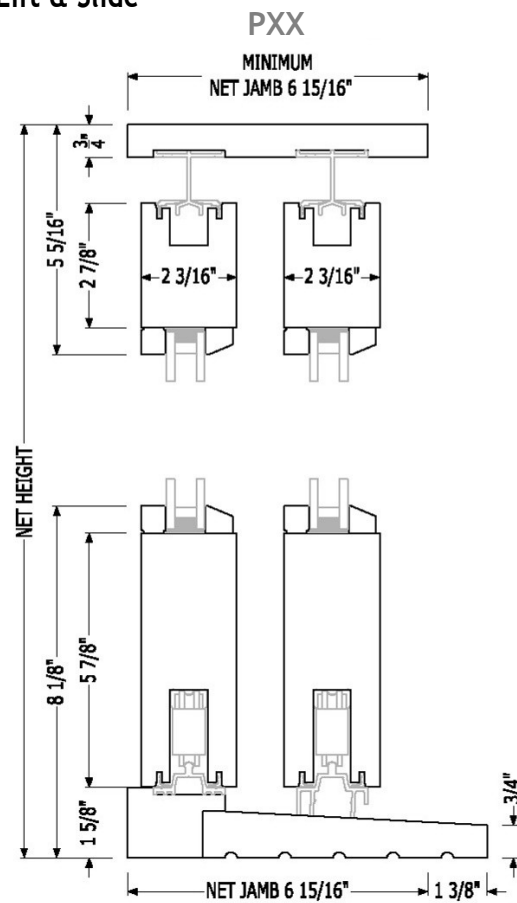
## 2 Panel Pocketing Lift & Slide

PPX



For more information please contact your Quantum Representative

## 2 Panel Pocketing Lift & Slide

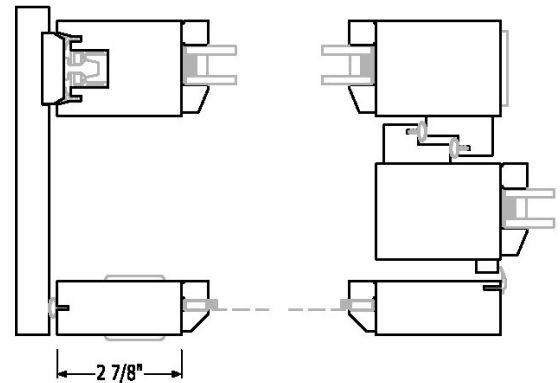
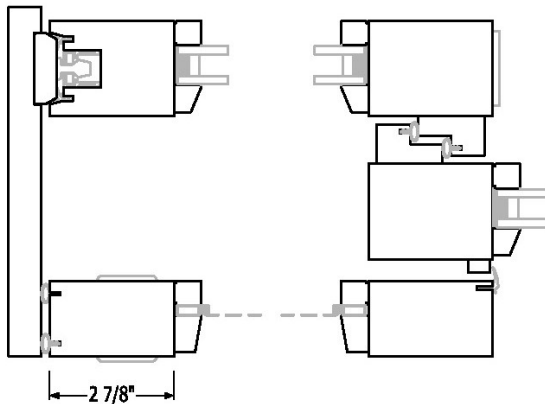
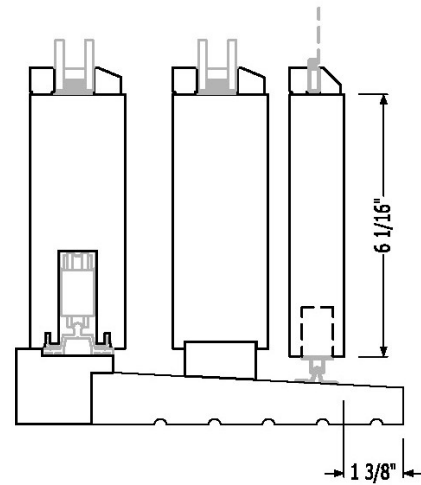
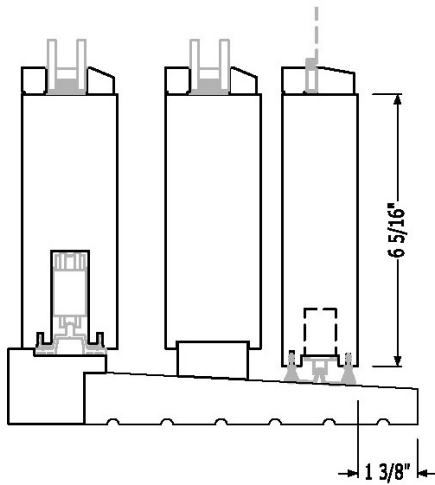
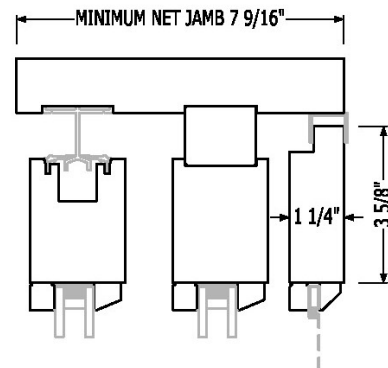
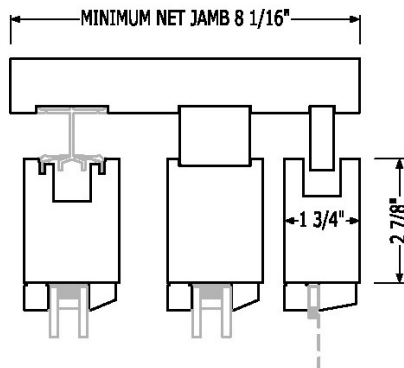


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# Lift & Slide Windows & Doors

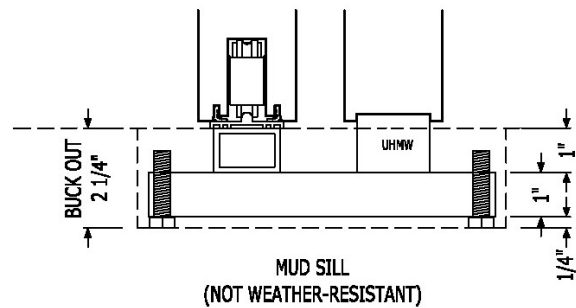
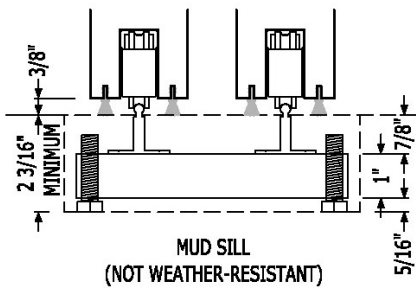
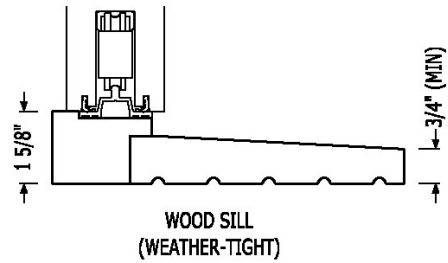
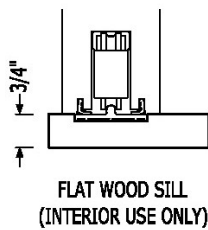
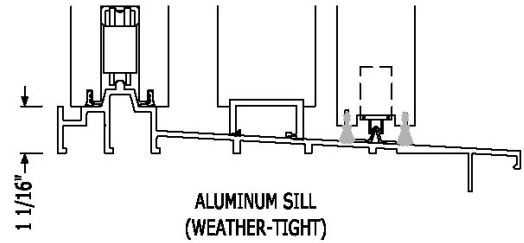
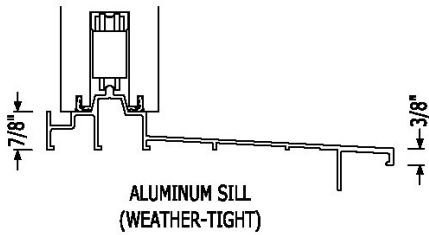
## Screen Options



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# Lift & Slide Windows & Doors

## Sill Options



For more information please contact your Quantum Representative