PACIFIC

ARCHITECTURAL MILLWORK

Clad Bi-Fold Doors

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Product Overview

Introduction

The all-new Bi-Fold door system by Pacific Architectural Millwork offers a wide range of options, maximum glass visibility, and superior functionality, at a competitive price. With combinations of up to ten panels in openings of up to 30 feet, Pacific can create virtually any configuration that you can imagine.

Our clad Bi-Fold door uses European hardware that has been engineered exclusively for Pacific Architectural Millwork. The hinges are interlocked into the aluminum rather than screwed onto the wood face to prevent sagging, and the hardware allows adjustments to the panels for smooth operation and a perfect fit.

Pacific now offers our Bi-Fold door with optional extruded aluminum cladding for a durable, low-maintenance exterior. Our cladding system has been engineered to allow for the expansion and contraction of the different materials, and is designed to provide years of beauty and performance. We can match any color in either powder-coat or long-lasting Kynar^{tm} finishes.

Hardware Options

Our exclusive anodized aluminum hardware and hinges are available in the following matching finishes:

- Dark Bronze
- Stainless steel finish
- Powder-coat in custom colors

Pacific offers both key-cylinder and latch locks, and we can add multiple locking points for increased security.

Glazing Options

Standard glazing for the clad Bi-Fold door uses 1" overall tempered insulated glass. Custom glazing and tinted glass are also available.

We offer both Contemporary and Traditional edge details. See the General Info section for more details

Sill Options

Depending on your weather performance requirements, you can choose from one of four different bottom track options (see bottom track drawings for more details):

- Flush track*
- Raised track (out-swing only)*
- High Flush track*
- Weather-Resistant Track

* NOT WARRANTED AGAINST AIR, WATER OR DUST INFILTRATION.

Wood Species

Our standard wood species are the following:

- Pine
- Vertical Grain Douglas Fir
- Mahogany

Alternative and exotic wood species are also available.

Other Options

The clad Bi-Fold is available with a variety of decorative grille patterns, interior pre-finishing, and other features.

Contact Pacific Architectural Millwork for additional options and customization.

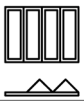
Product Parameters:

Max Opening:	30’
Max Panel Height:	9’ (dep. on configuration)
Max Panel Width	42” (dep. on configuration)
Panel Thickness:	2 ½”
Max # Panels:	10
Cladding Info:	Any color available with Kynar[tm] finish. Must use standard sizes: ▪ Top Rail and Stiles: 3 ¼“ ▪ Bottom Rail: 3 ¼“ or 6” w/optional wide bottom rail ▪ Muntins: ⅞” ▪ Clad Exterior: Contemporary edge detail only ▪ Wood Interior: Traditional or Contemporary edge detail
Min Jamb Depth:	▪ Out-Swing: 4⅛” ▪ In-Swing: 3”

Hardware Images

The following are a few of the many panel configurations available for the Clad Bi-Fold system, shown in elevation and plan view. All configurations are available as either In-Swing or Out-Swing. (Key: "3L1R-In" = Bi-Fold with a total of 4 panels opening to the interior, configured with 3 panels opening to the left and 1 panel opening to the right, as viewed from the exterior.)

0L4R-In



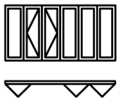
4L0R-Out

4L0R-In

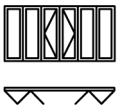
3L1R-In

5R0L-Out

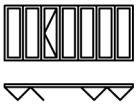
2L4R-Out



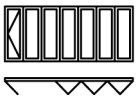
3L3R-Out



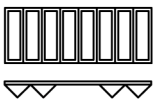
3L4R-Out



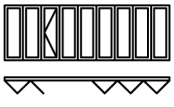
1L6R-Out



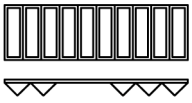
4L4R-Out



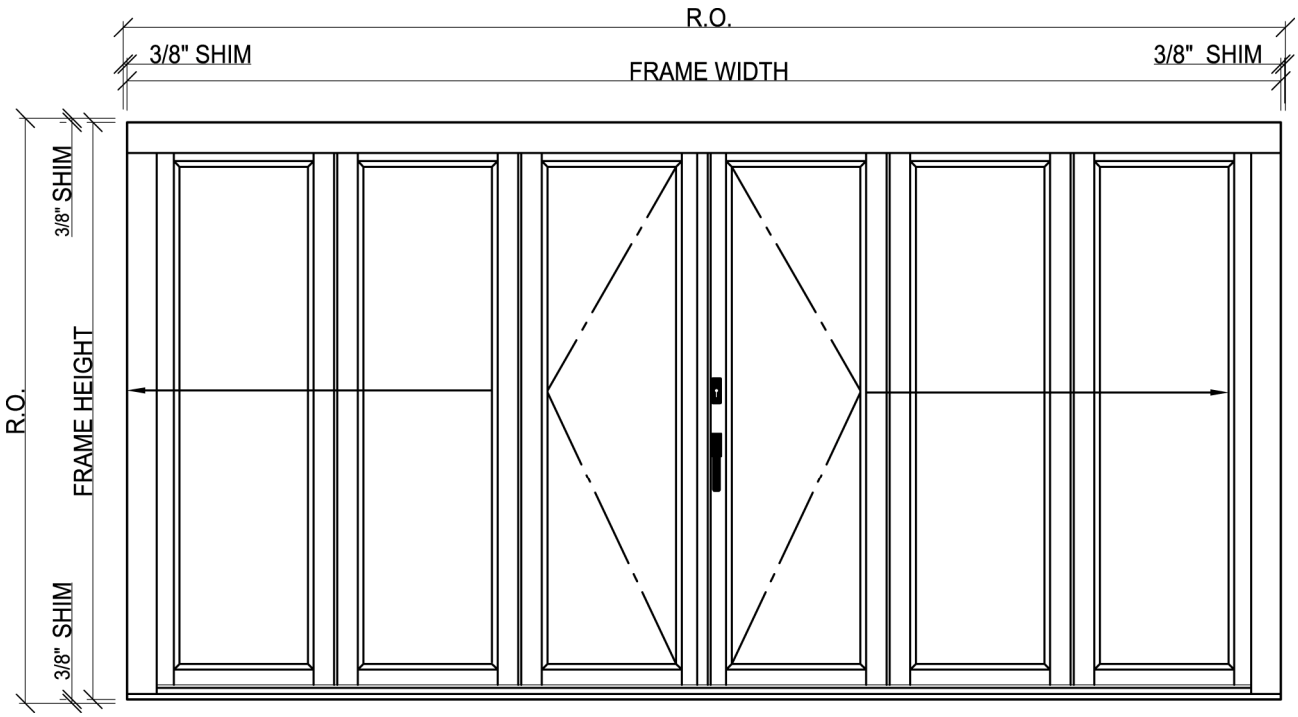
3L6R-Out



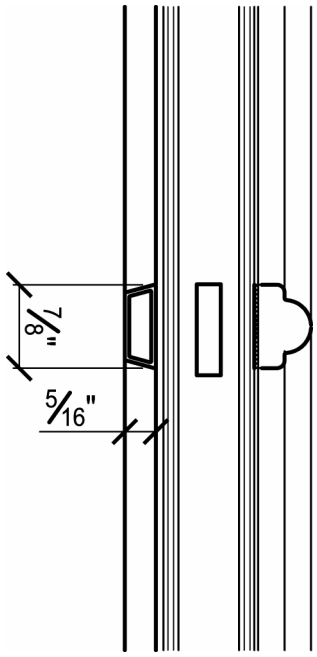
4L6R-Out



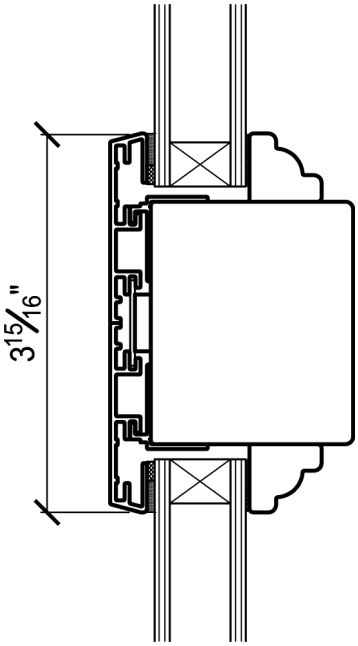
Exterior Elevation (3L3R-Out Example)



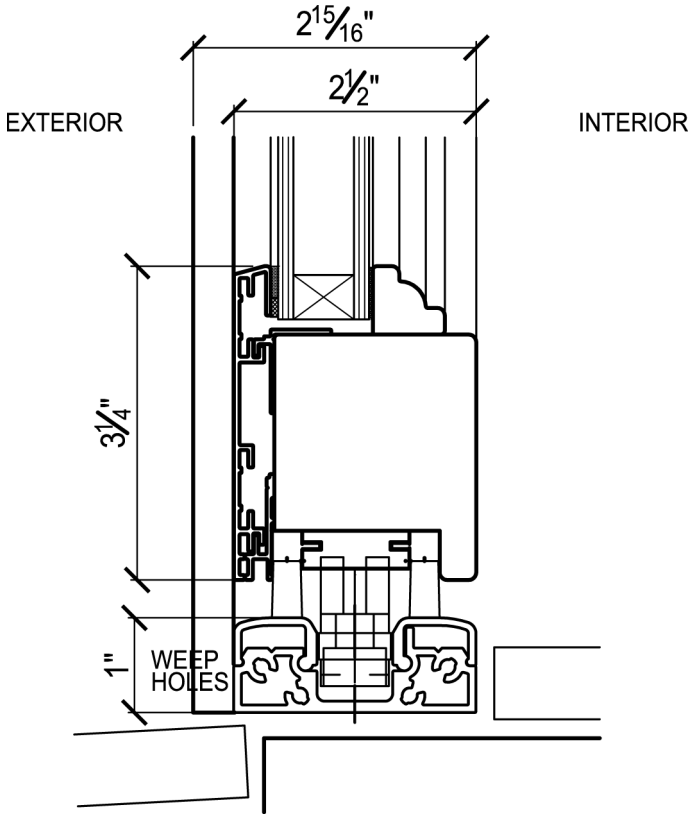
Muntin Detail (Optional)



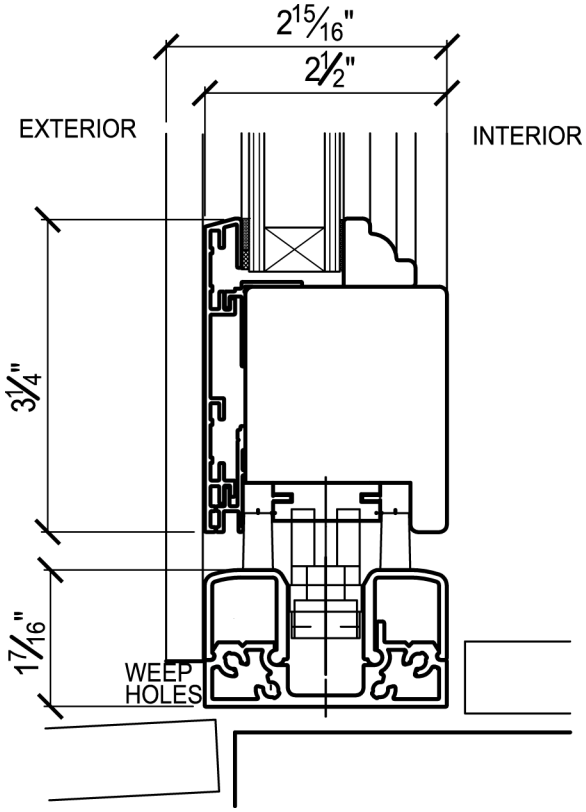
Lock Rail Detail



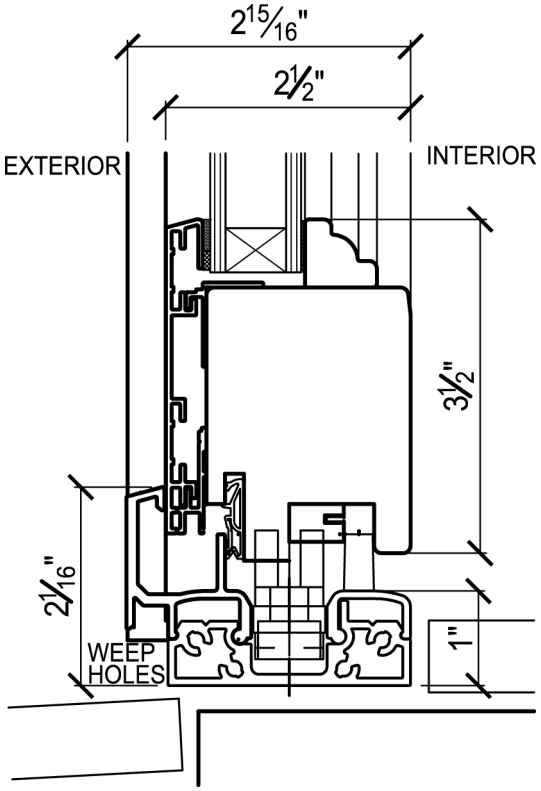
In-Swing: Flush Track Option



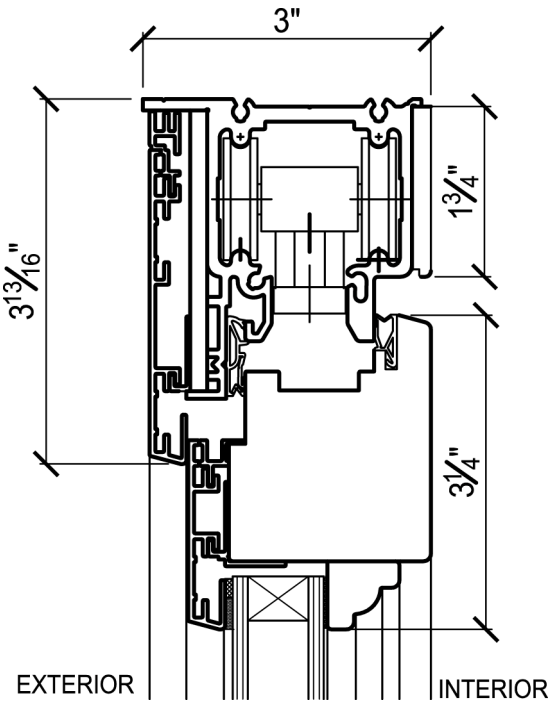
In-Swing: High Flush Track Option



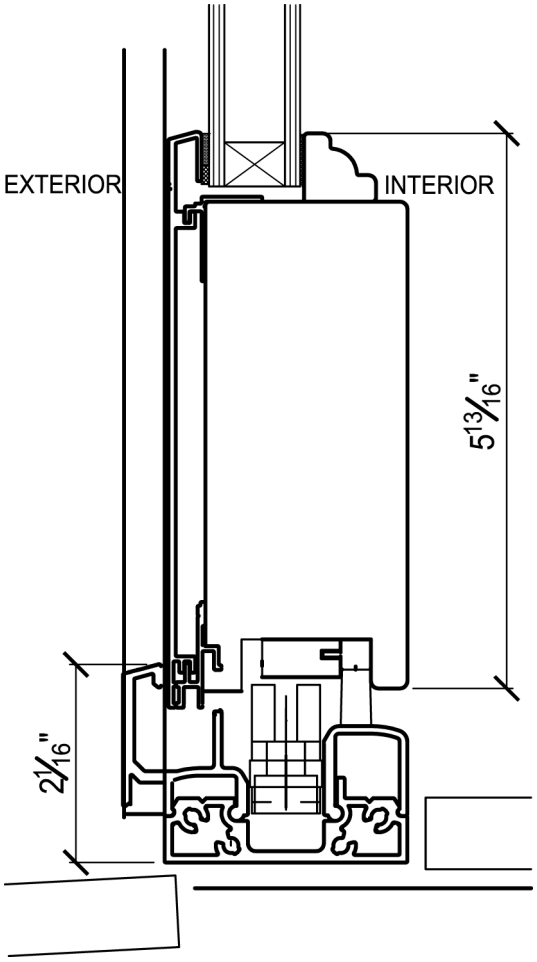
In-Swing: Weather-Resistant Track Option



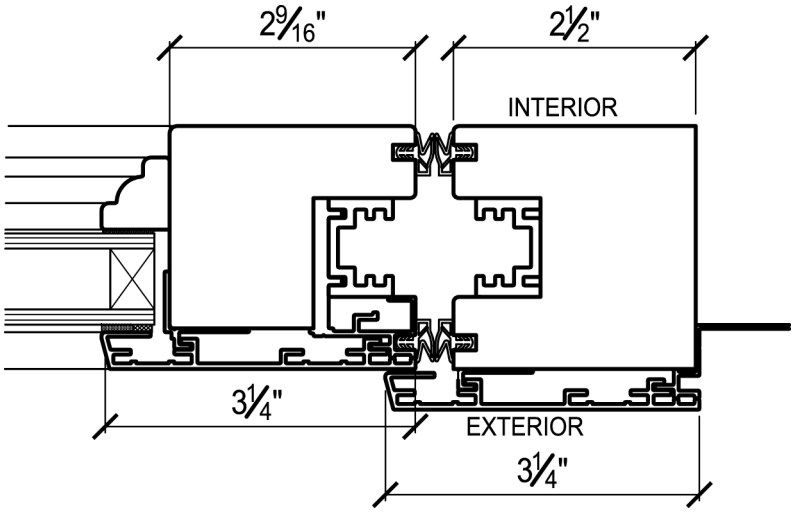
In-Swing: Head Detail



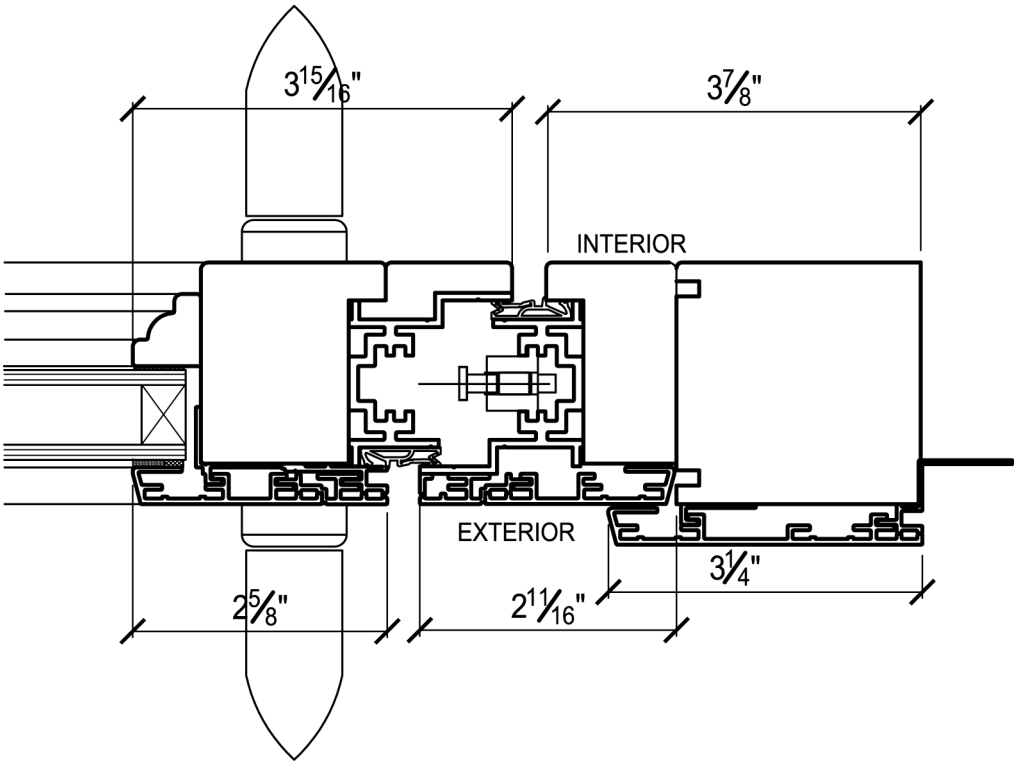
In-Swing: Wide Bottom Rail Detail (Optional)



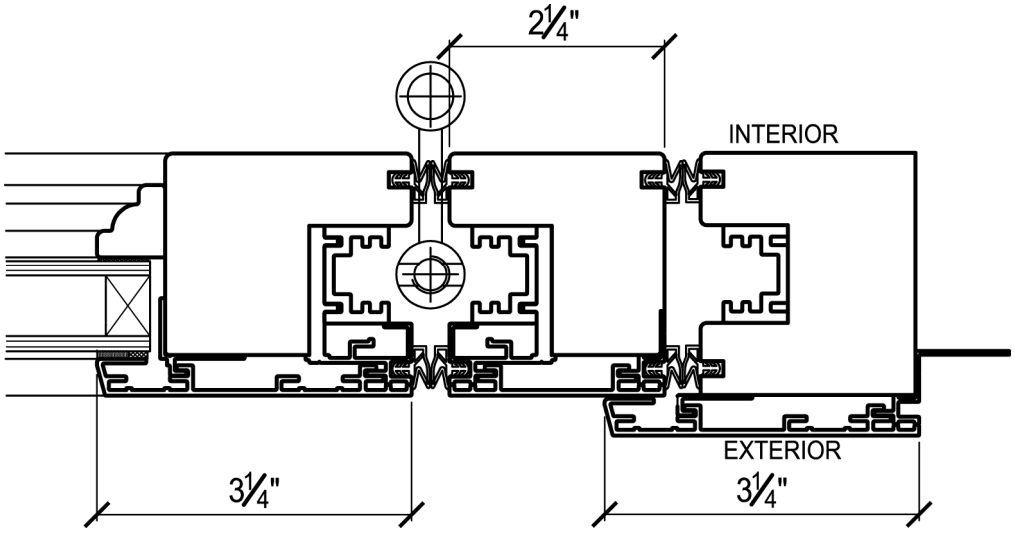
In-Swing: Panel to Frame



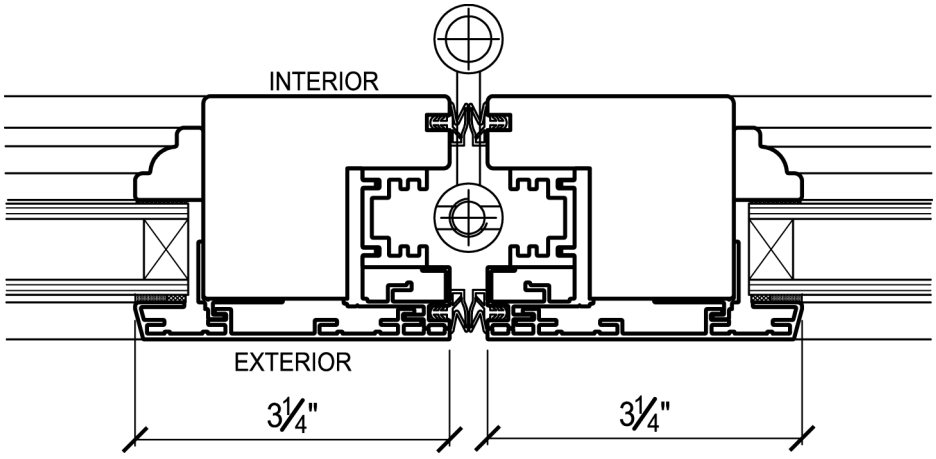
In-Swing: Odd # Panels to Frame



In-Swing: Even # Panels to Frame



In-Swing: Panel to Panel



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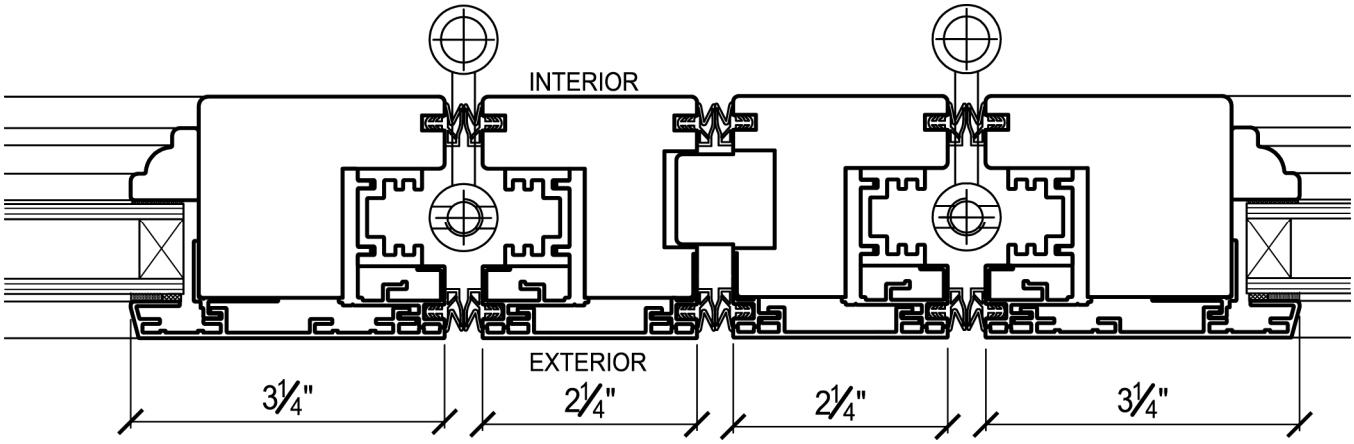

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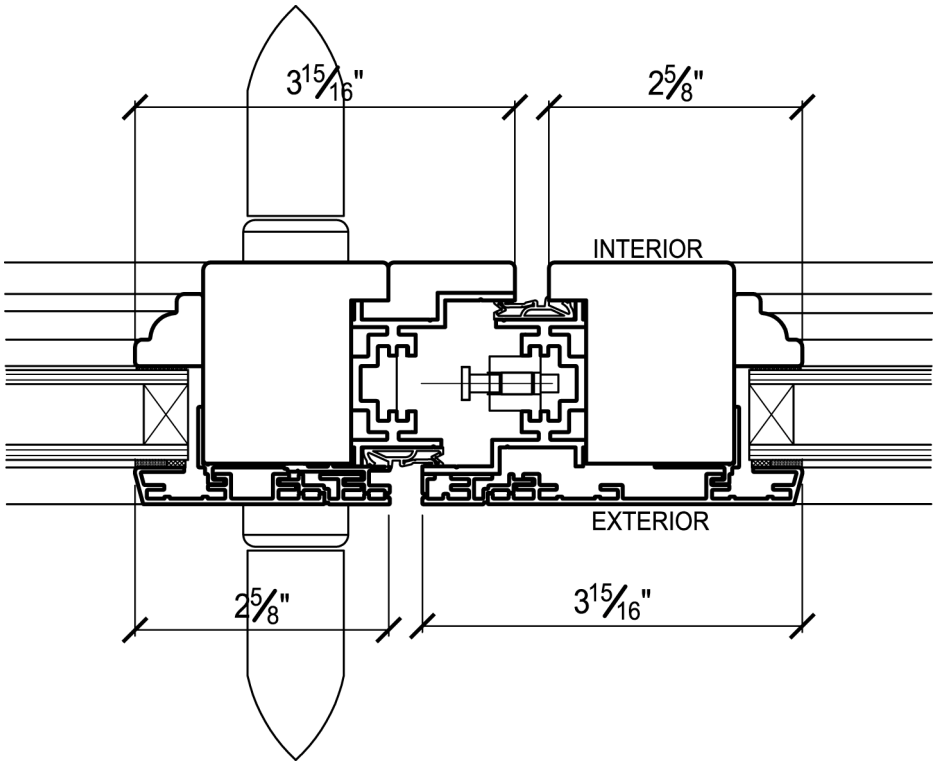
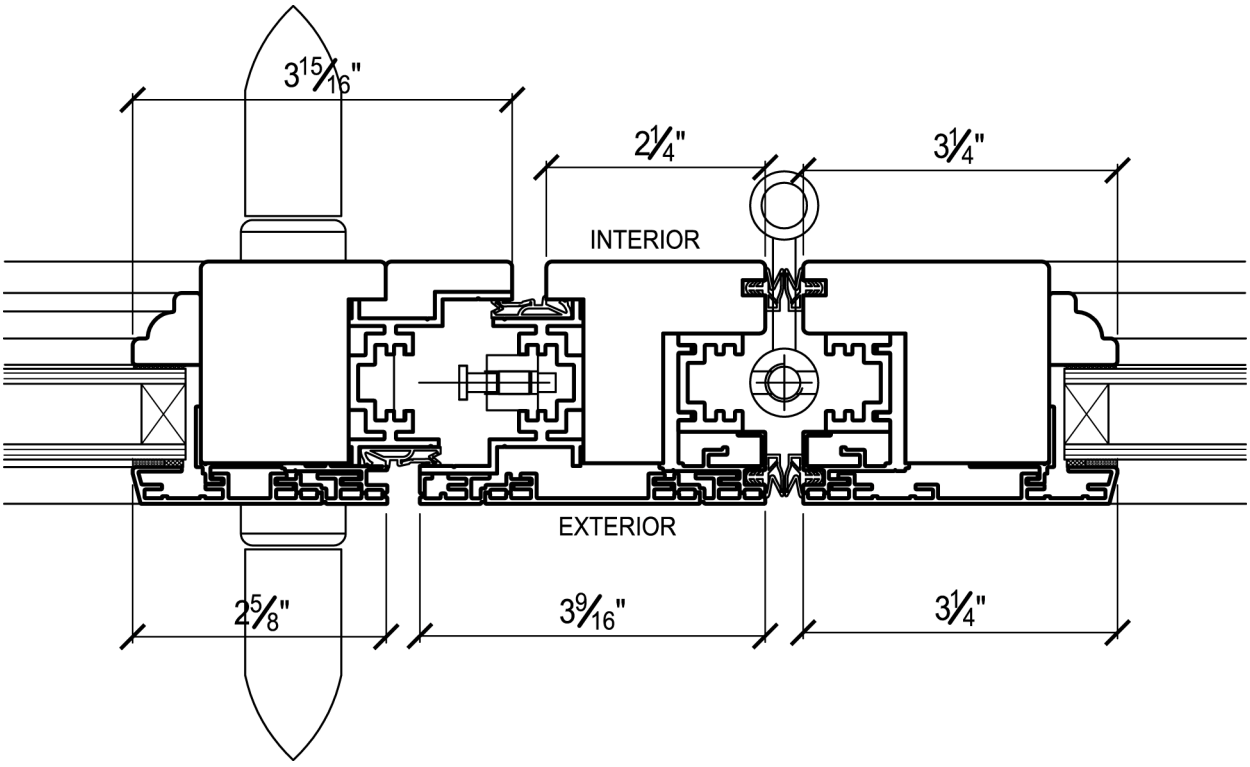
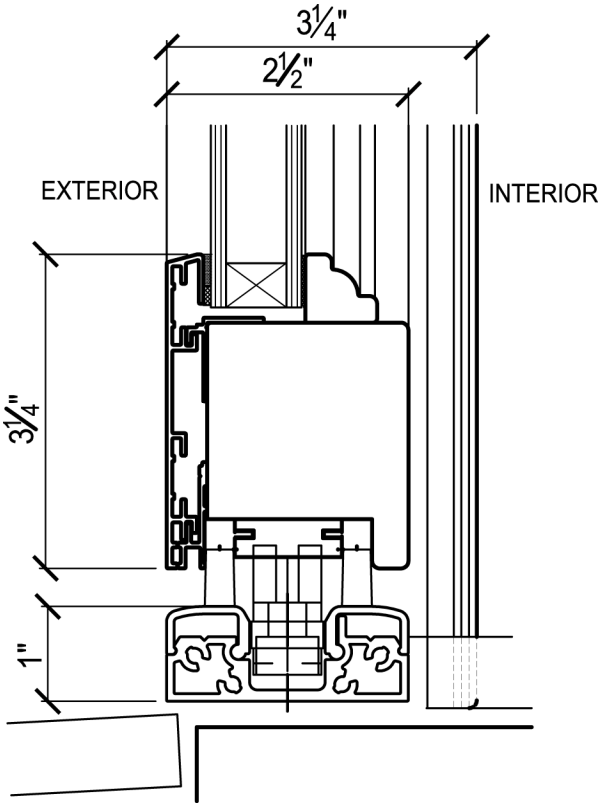


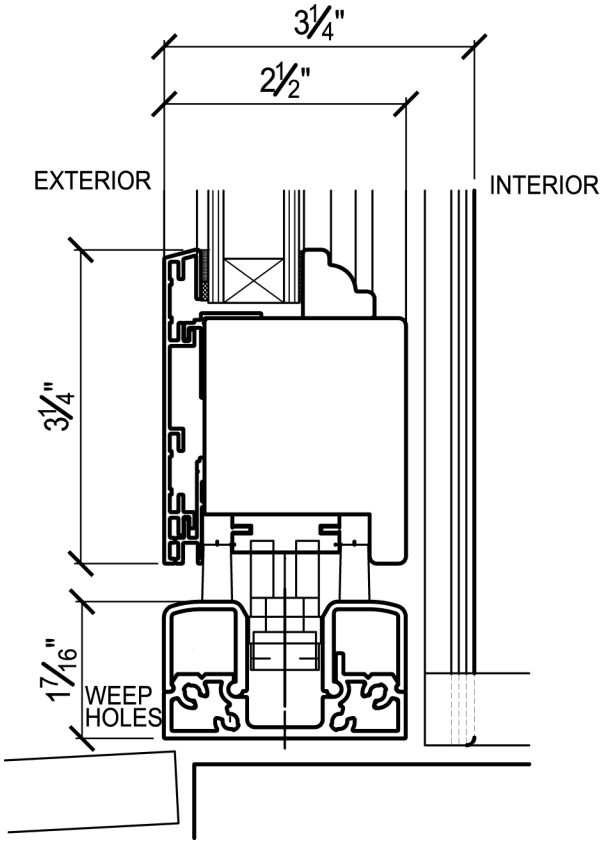
In-Swing: Odd # Panels to Even # Panels



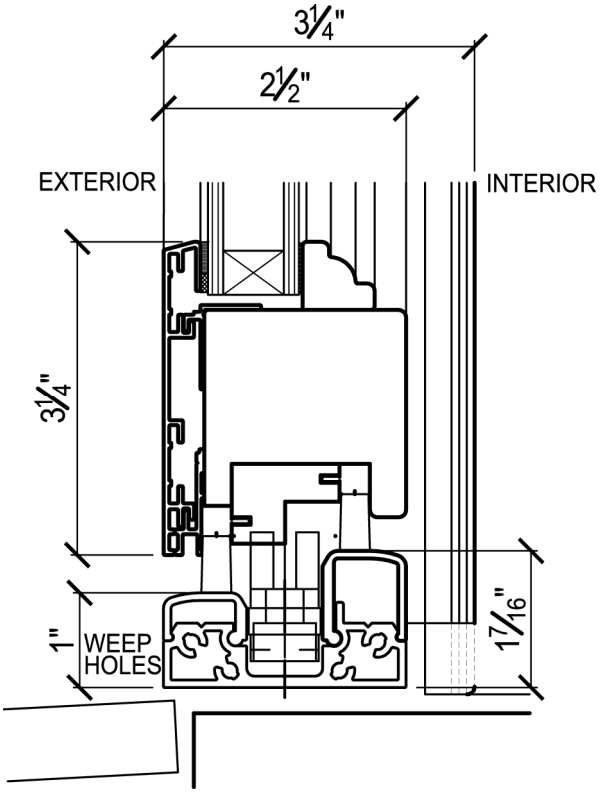
Out-Swing: Flush Track Option



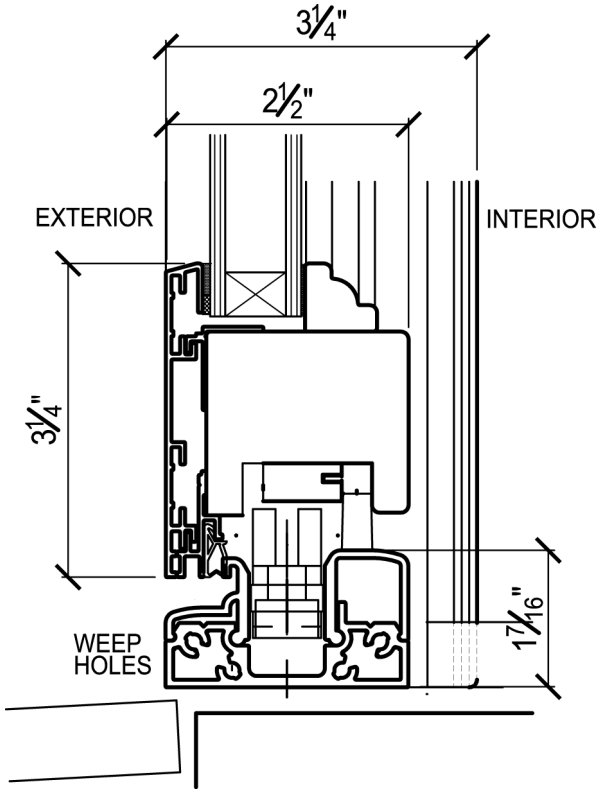
Out-Swing: High Flush Track Option



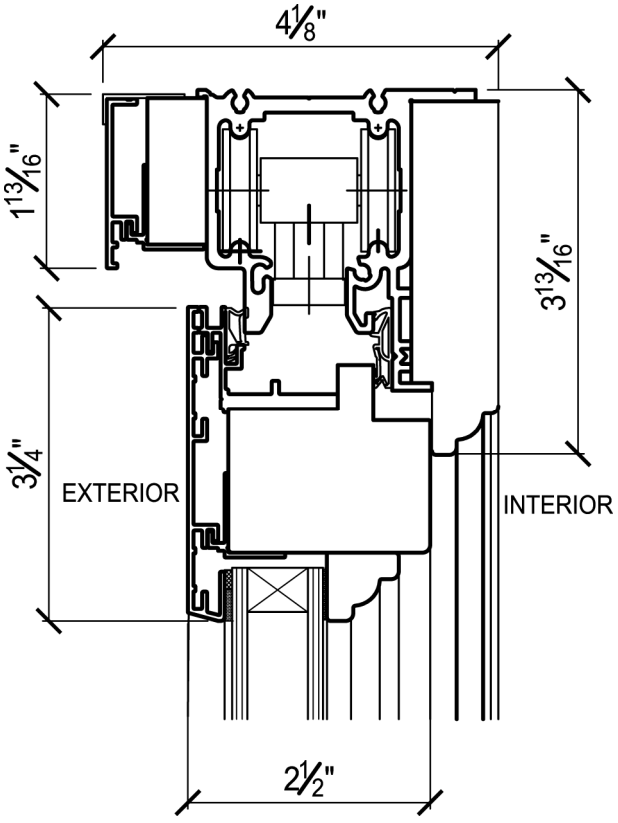
Out-Swing: Raised Track Option



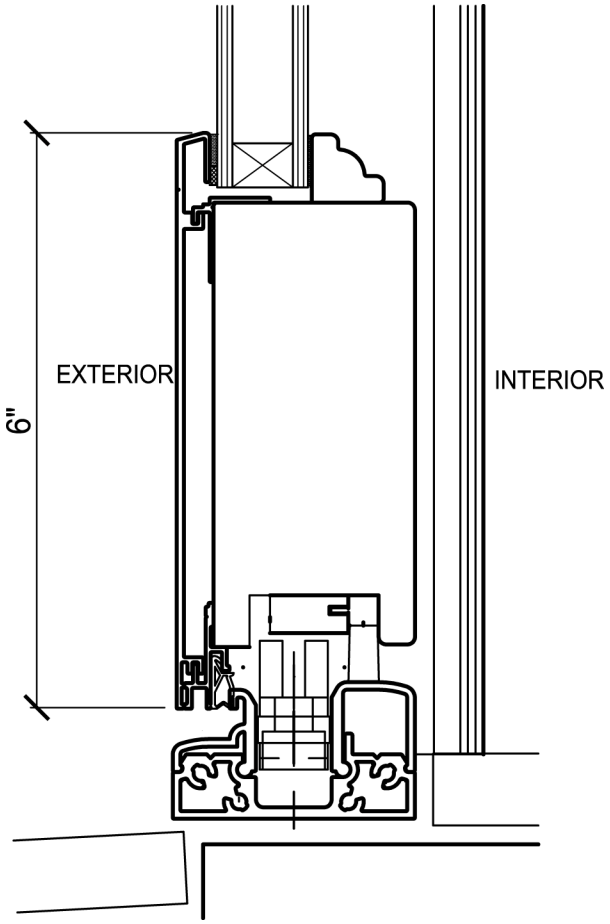
Out-Swing: Weather-Resistant Track Option



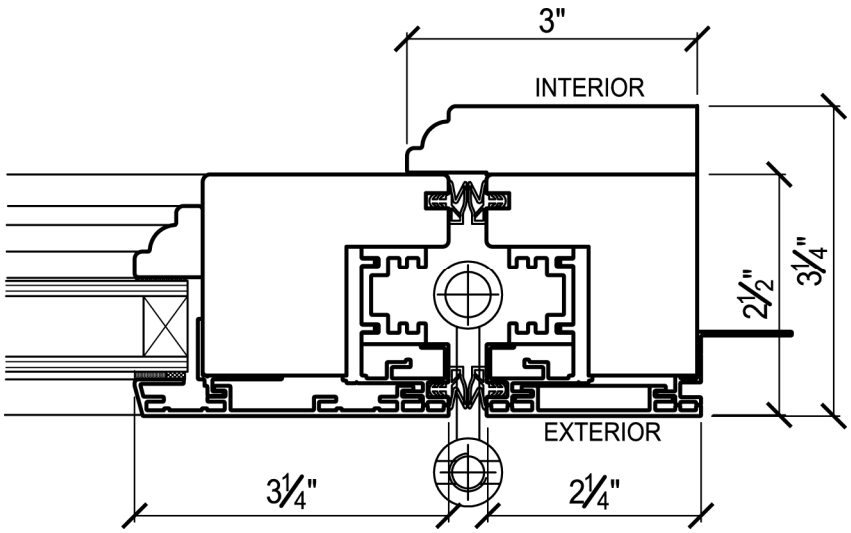
Out-Swing: Head Detail



Out-Swing: Wide Bottom Rail (Optional)



Out-Swing: Panel to Frame



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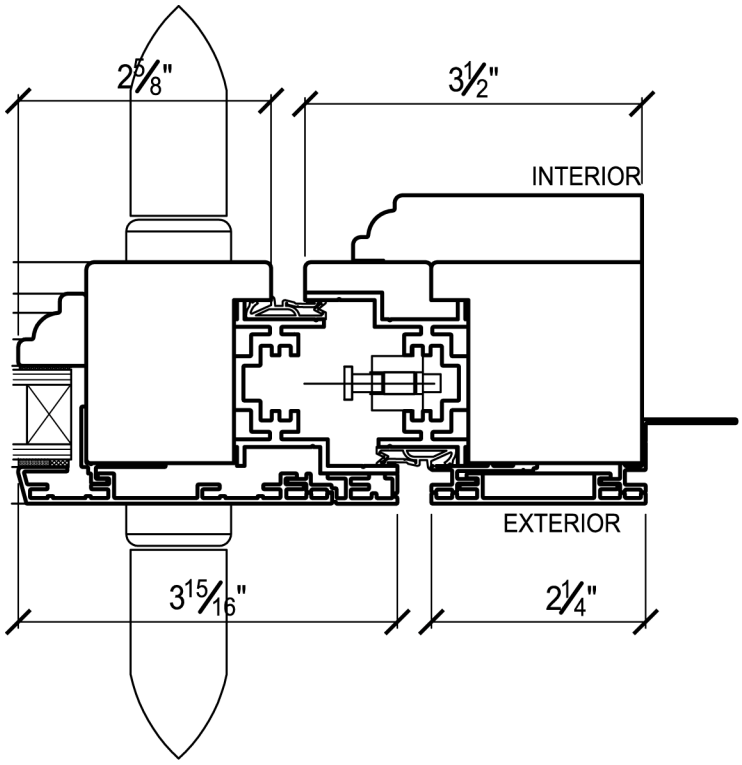

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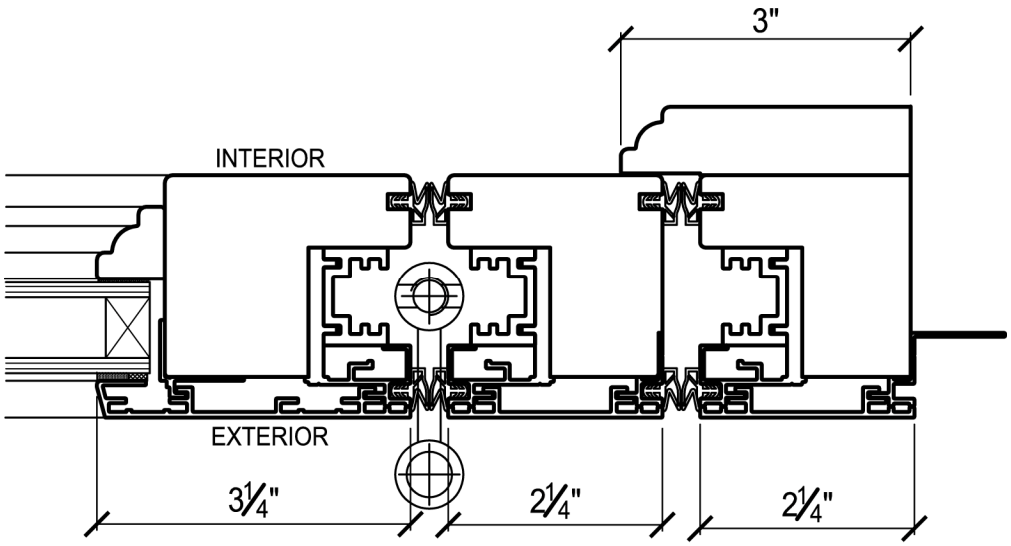
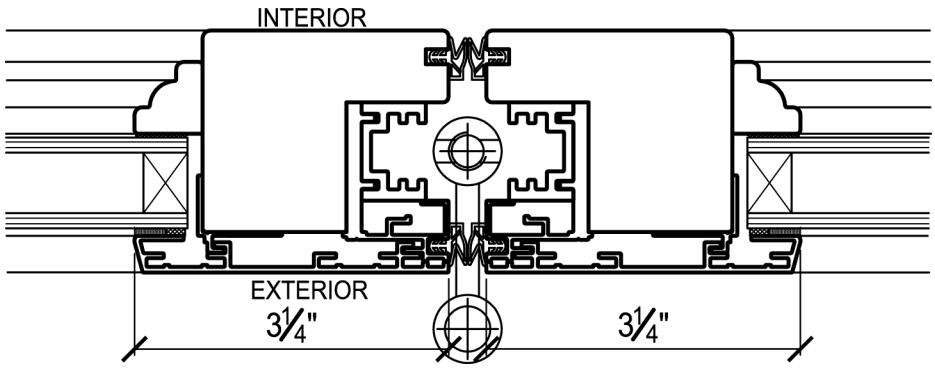


Out-Swing: Panel to Panel



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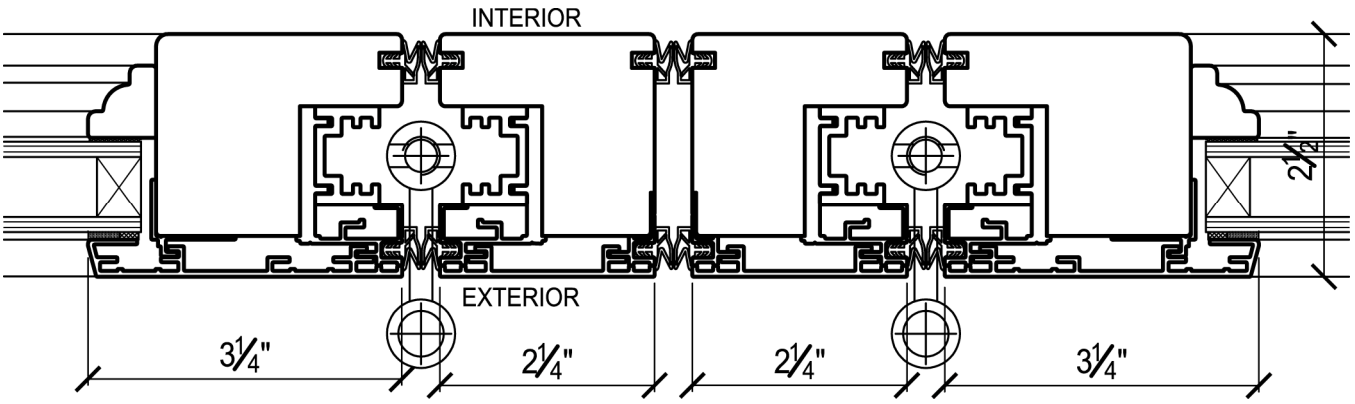

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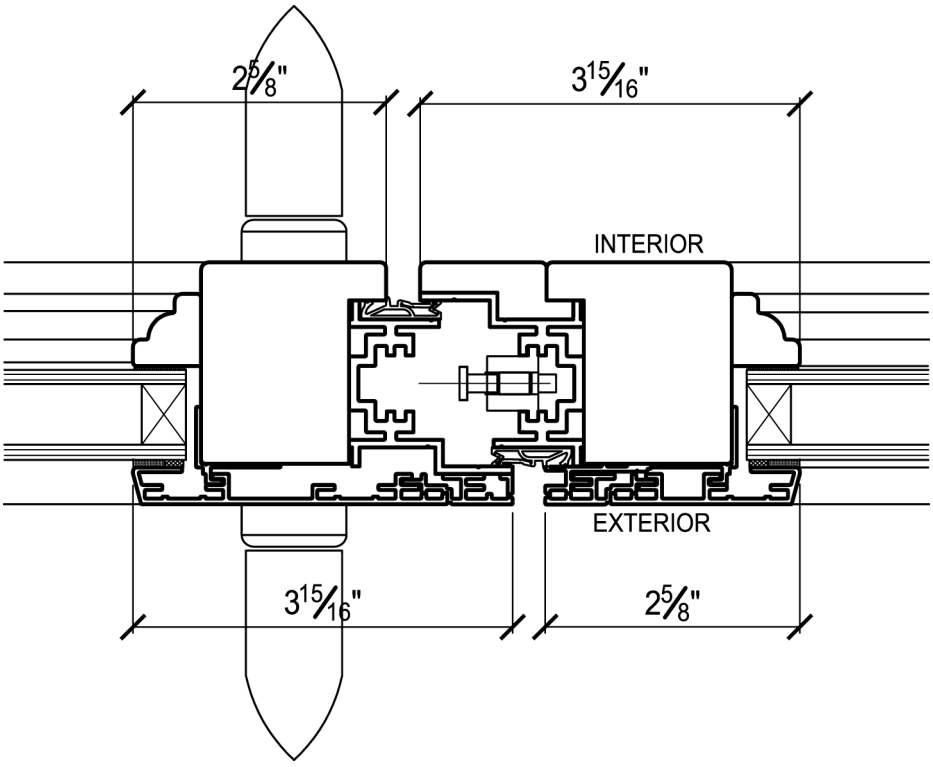

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