



Slide & Seal AW6700

(rev. 10.5.2010)

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Product Overview



Introduction

Introducing the next step in the evolution of the sliding door: the patent-pending Slide & Seal™ AW6700 system, built only from Pacific Architectural Millwork. The innovative hardware at the heart of the Slide & Seal™ automatically seals your door when you close your door. When the panels reach the closed position, an independently-operating door bottom automatically drops and seals each panel with the surface of the floor, while a mechanism in the head track tilts the panels slightly outward, creating a weather-resistant enclosure around the perimeter.

The Slide & Seal™ AW6700 improves upon Lift & Slide hardware in nearly every way:

- No more bulky and expensive handles needed to operate each panel
- No need to remove and store handles when you want to stack flush into a pocket
- Adjustable hardware that allows for fine-tuning in the field and self-corrects for variations in the floor surface
- Optional fully-automated panels that seal.

Crafted out of solid stainless steel and available in variety of finishes, the proprietary H7100 handle remains recessed in the face of the panel until you press a tab at the bottom. The counter-weighted handle then pivots and drops into the open position, allowing you to operate the panels comfortably. And because each panel seals automatically, only one handle per lead panel is required for the entire system.

Wood Species

Our standard wood species are the following:



The mark of
responsible forestry

- Pine
- Vertical Grain Douglas Fir
- African Mahogany

Alternative and exotic wood species are also available. See the Wood Species page in the General Info section.

Glazing Options

Standard glazing for the Slide & Seal™ AW6700 uses 1-1/4" overall Argon filled tempered insulated glass with a Low-E² coating for UV resistance and improved thermal performance. Custom glazing and tinted glass are available.

Other Options

The Slide & Seal AW6700 can be purchased with custom options such as screens and divided lites, and you can choose from two different track options:

- Standard Stainless Steel Flush Track (Not recommended for wood floors)
- Performance Flush Track
- Low Stainless Steel Flush Track (Required only for special floor conditions)

NOTE: Flush track is not warranted against air, water, or dust infiltration.

Contact Pacific Architectural Millwork for additional options and customization.

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Product Parameters

Max Height	12'
Min Panel Width	34"
Max Panel Width	84" (Depending on height/weight ratio)
Max Glass Size	60 sq ft (Depending on height/weight ratio)
Max Opening	40'
Muntin Width	7/8" Standard (SDL)
Panel Thickness	2 5/8"
Screen Thickness	Aluminum - 1 3/4"
Stiles/Top Rail Width	3 3/4"
Bottom Rail Width	3 3/4"
Aluminum Finishing	Anodized or Custom Color-Matched Kynar™ Finishes Available
Edge Detail	- Exterior: See drawing details - Interior Wood: Traditional or Contemporary edge detail

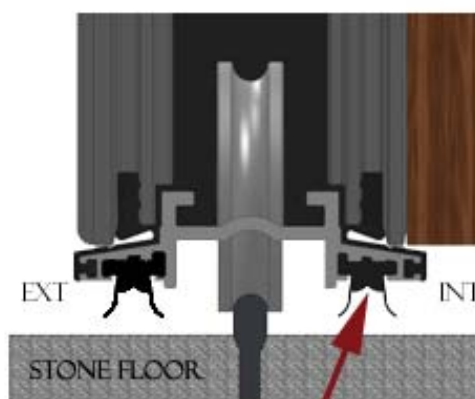
Note: For optimal panel performance, a height/width ratio of 1:2.5 or greater should be used as a rule of thumb.

Hardware Images

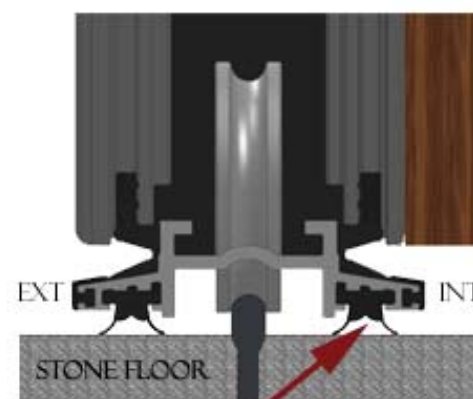


H7100 Handle (316 Stainless Steel)

- PVD Satin Nickel
- Painted Dark Bronze
- Optional key cylinders



OPEN (SLIDING) POSITION



CLOSED (SEALED) POSITION



Standard Jamb Depths

CONFIGURATION	JAMB DEPTHS
	FRAME DEPTH ²
FIXED - ONE SIDE	
OX	7-1/2"
O2X	10-15/16"
O3X	14-3/8"
O4X	17-13/16"
O5X	21-1/4"
O6X	24-11/16"
O7X	28-1/8"
O8X	31-1/2"
O9X	34-15/16"
O10X	38-3/8"
O11X	41-13/16"
FIXED - SPLIT PANELS	
O2XO	7-1/2"
O4XO	10-15/16"
O6XO	14-3/8"
O8XO	17-13/16"
O10XO	21-1/4"
O12XO	24-11/16"
O14XO	28-1/8"
O16XO	31-1/2"
O18XO	34-15/16"
O20XO	38-3/8"
O22XO	41-13/16"
CENTER FIXED	
XOX	7-1/2"
2XO2X	10-15/16"
3XO3X	14-3/8"
4XO4X	17-13/16"
5XO5X	21-1/4"
6XO6X	24-11/16"
7XO7X	28-1/8"
8XO8X	31-1/2"
9XO9X	34-15/16"
10XO10X	38-3/8"
11XO11X	41-13/16"

CONFIGURATION	JAMB DEPTHS	
	FRAME DEPTH ²	POCKET I.D.
POCKETING - ONE SIDE¹		
PX	4-1/16"	5"
P2X	7-1/2"	8-3/8"
P3X	10-15/16"	11-13/16"
P4X	14-3/8"	15-1/8"
P5X	17-13/16"	18-11/16"
P6X	21-1/4"	22-1/8"
P7X	24-11/16"	25-9/16"
P8X	28-1/8"	29"
P9X	31-1/2"	32-7/16"
P10X	34-15/16"	35-7/8"
P11X	38-3/8"	39-5/16"
P12X	41-13/16"	42-11/16"
POCKETING - SPLIT PANELS¹		
P2XP	4-1/16"	5"
P4XP	7-1/2"	8-3/8"
P6XP	10-15/16"	11-13/16"
P8XP	14-3/8"	15-1/4"
P10XP	17-13/16"	18-11/16"
P12XP	21-1/4"	22-1/8"
P14XP	24-11/16"	25-9/16"
P16XP	28-1/8"	29"
P18XP	31-1/2"	32-7/16"
P20XP	34-15/16"	35-7/8"
P22XP	38-3/8"	39-5/16"
P24XP	41-13/16"	42-11/16"

Notes:

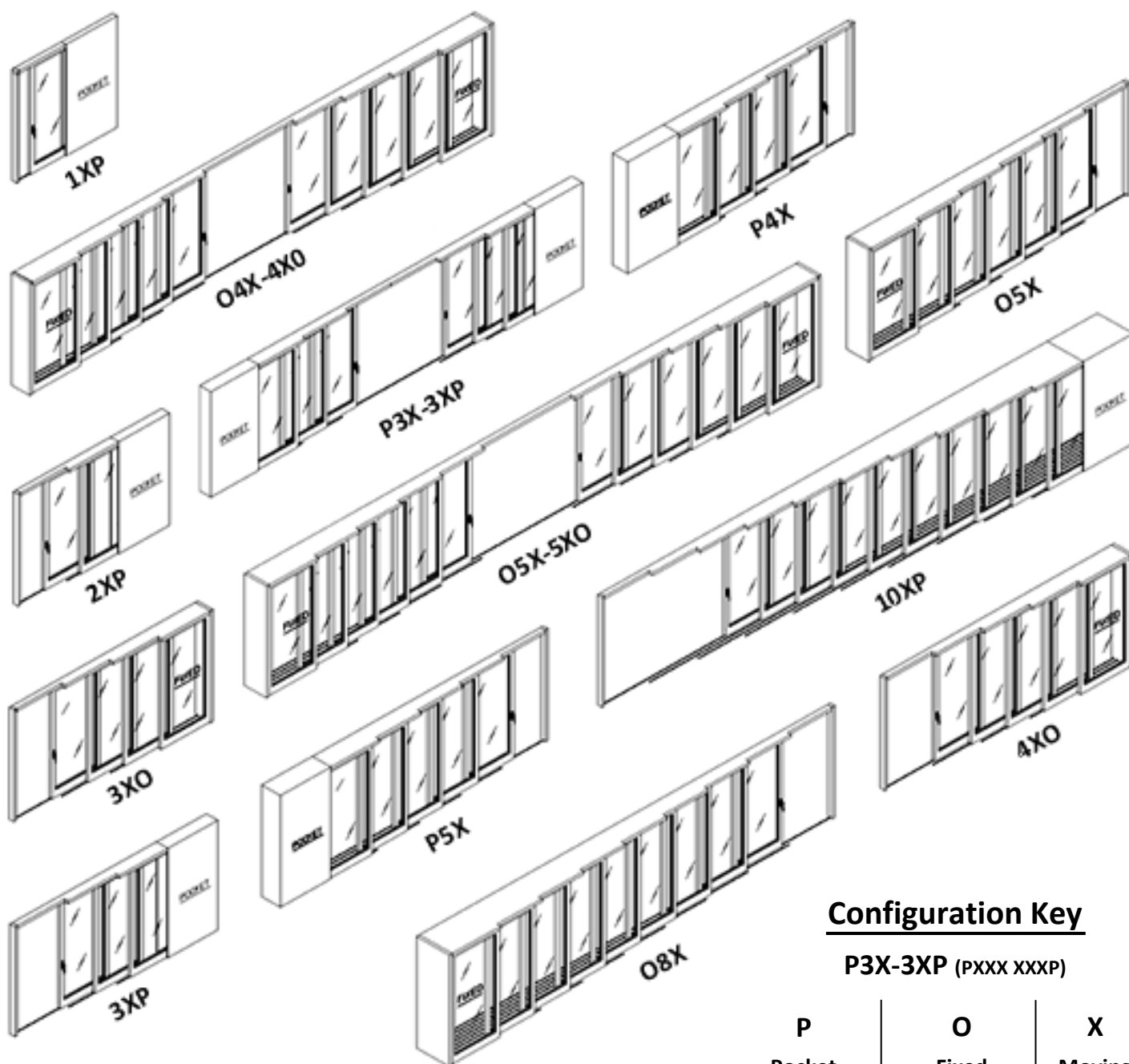
¹ – P = Pocket Enclosure

² – Does not include 1/4" shim at either side of sill

³ – Jamb depths w/Screen and Louvers will be shown on shop drawings

Sample Configurations

You can order your Slide & Seal AW6700 in either fixed, pocket, or corner configurations. The following drawings show some sample configurations.



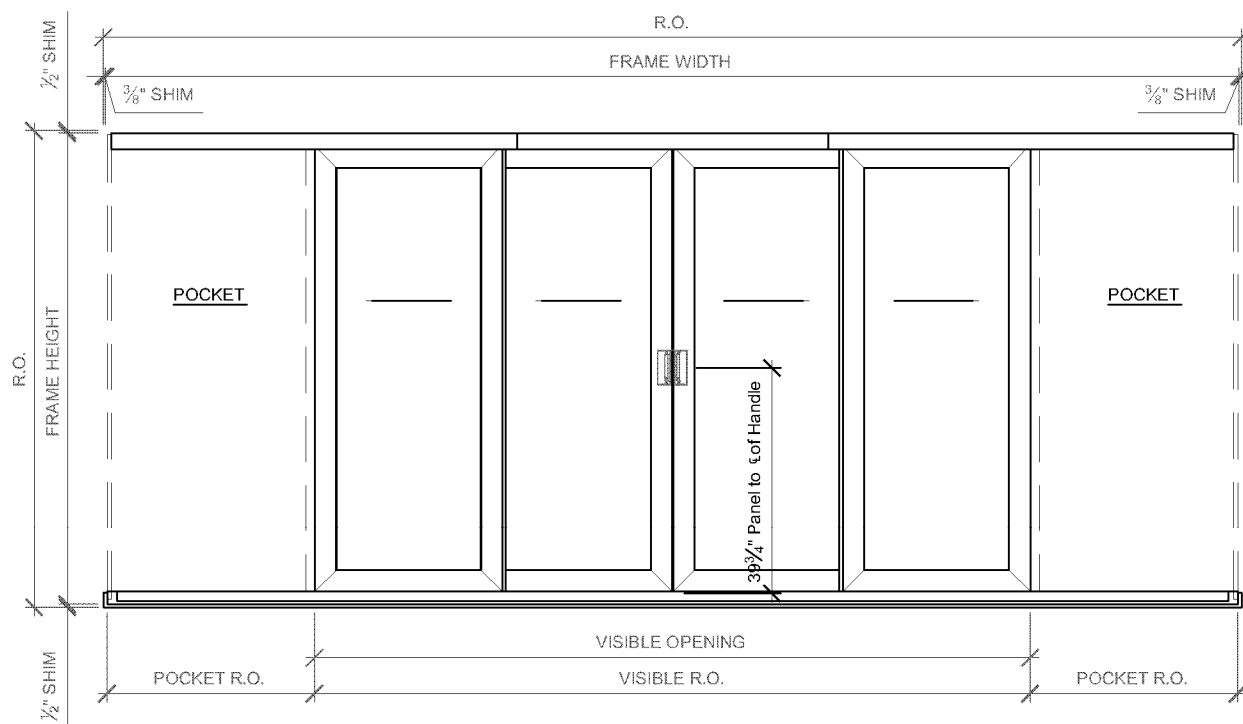
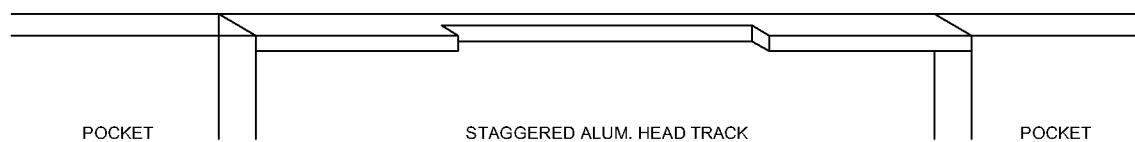
Configuration Key

P3X-3XP (PXXX XXXP)

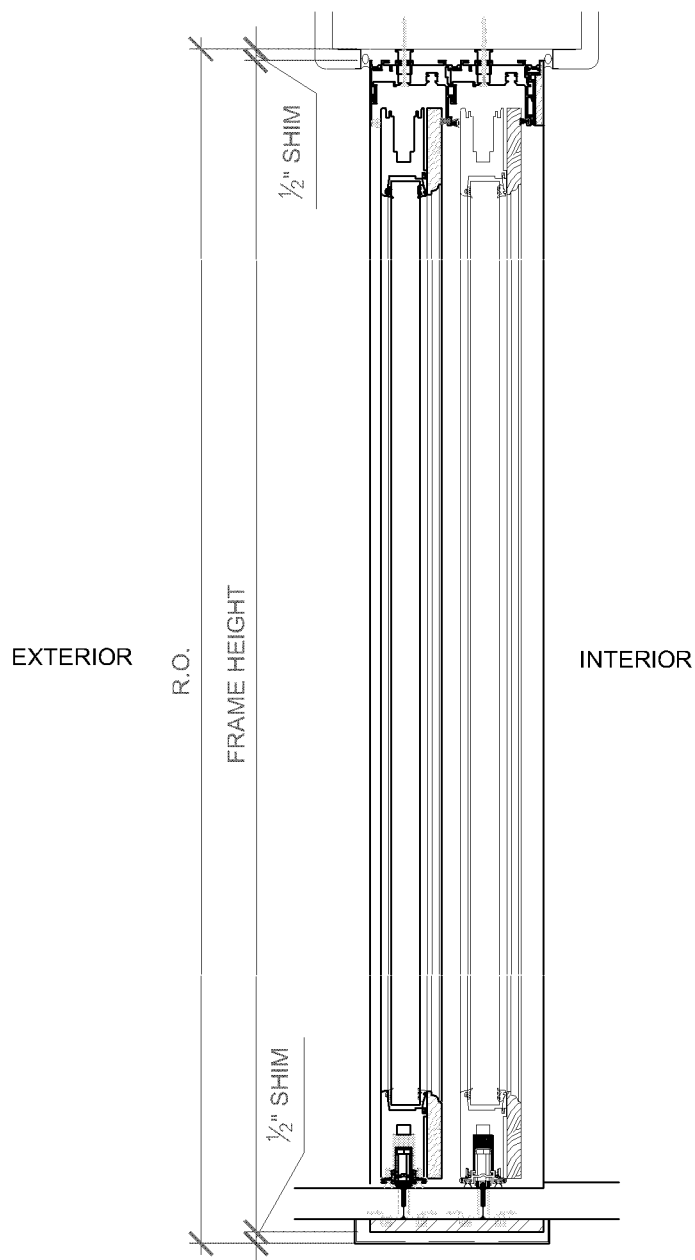
P	O	X
Pocket	Fixed Panel	Moving Panels

As viewed from Exterior

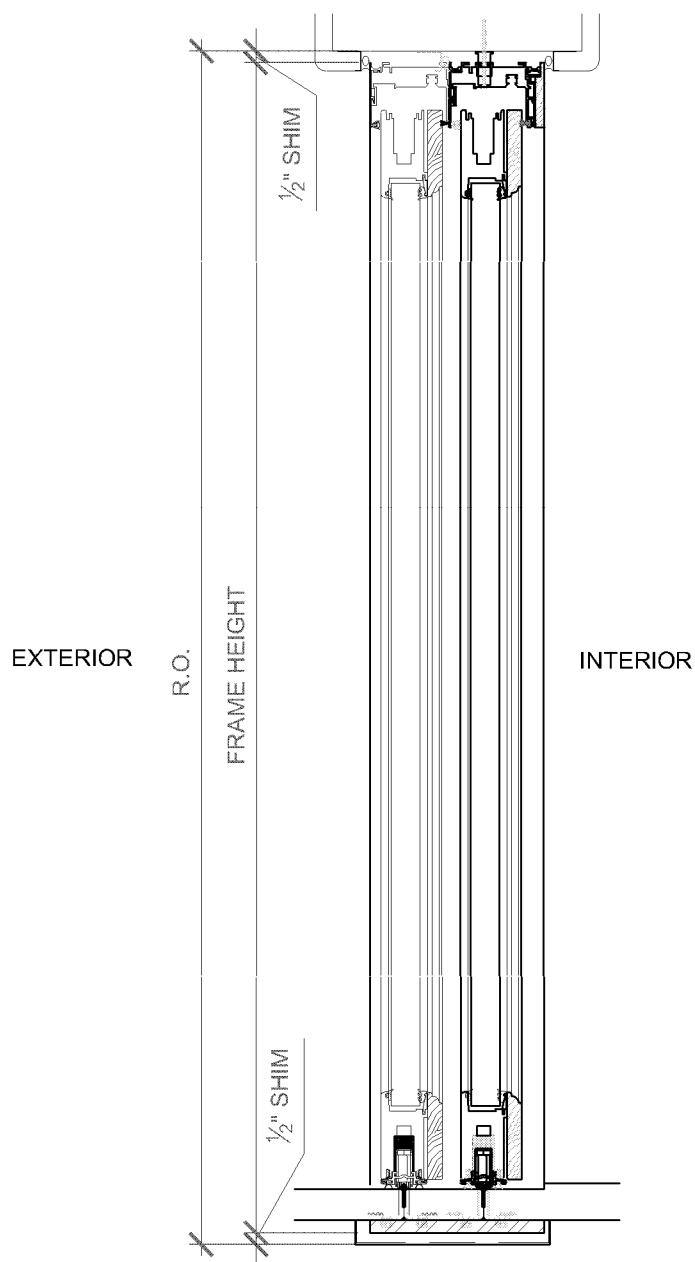
PXX XXP: Exterior Elevation



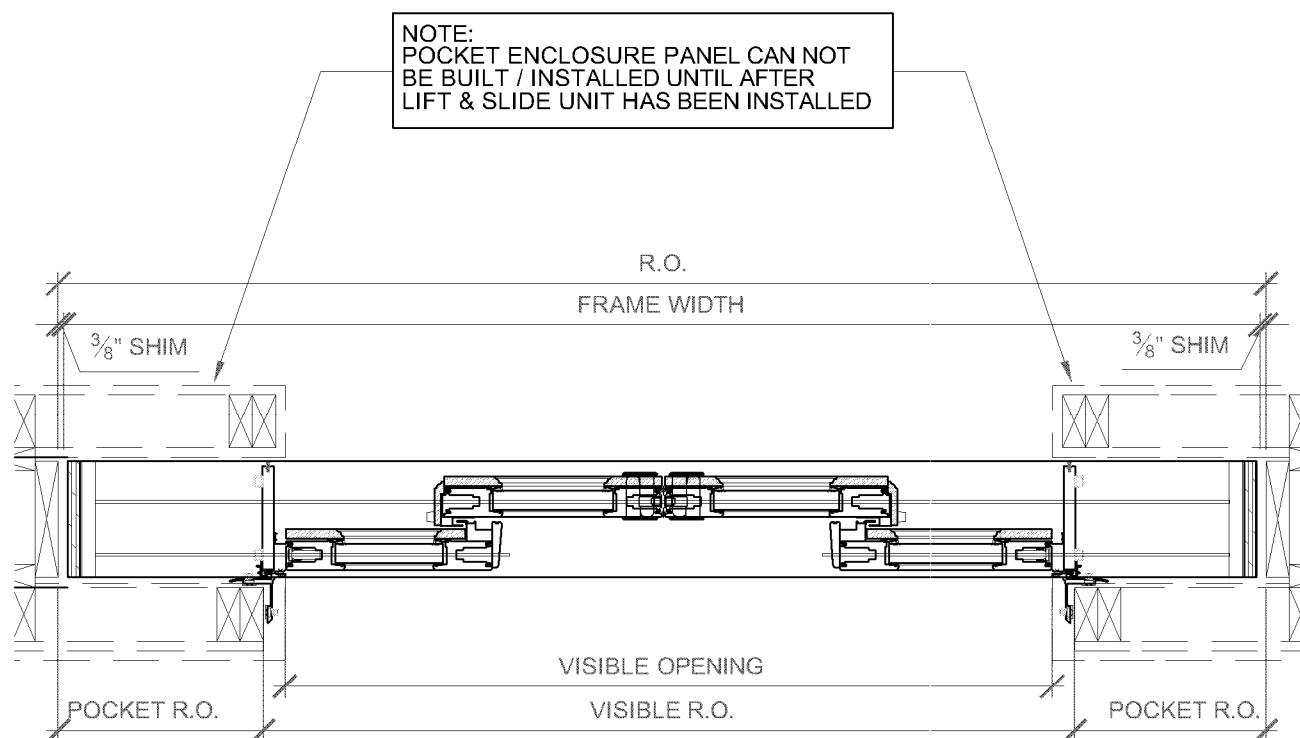
PXX XXP: Vertical Section at Pocket (Retracted Panels)



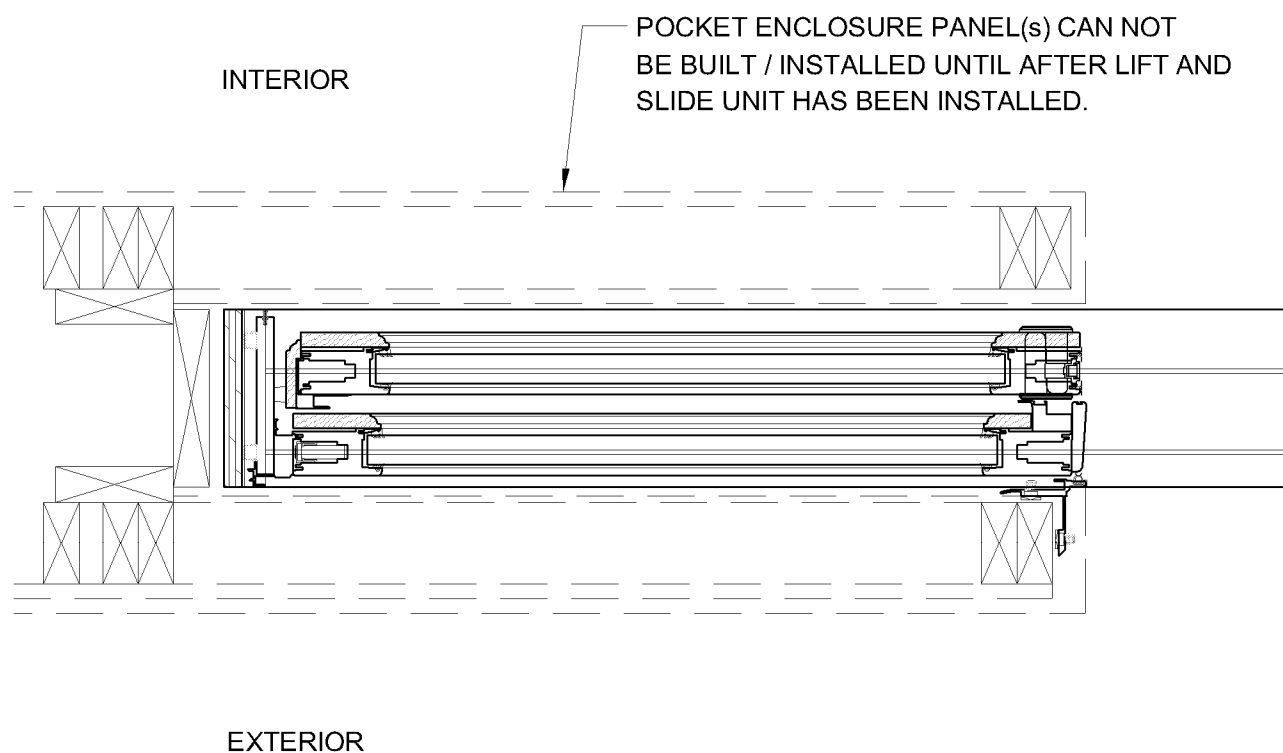
PXX XXP: Vertical Section at Lead Panel



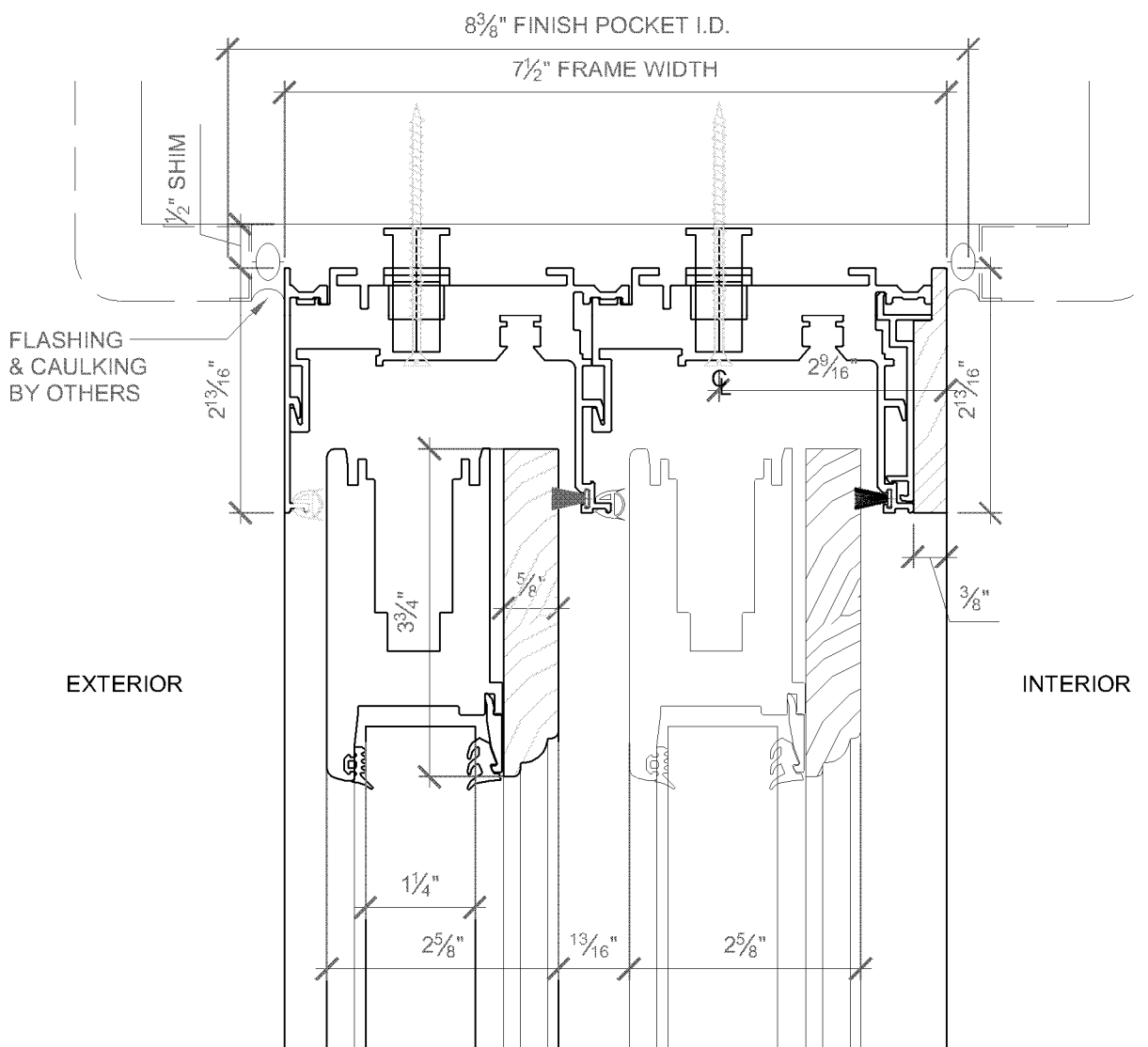
PXX XXP: Plan Section



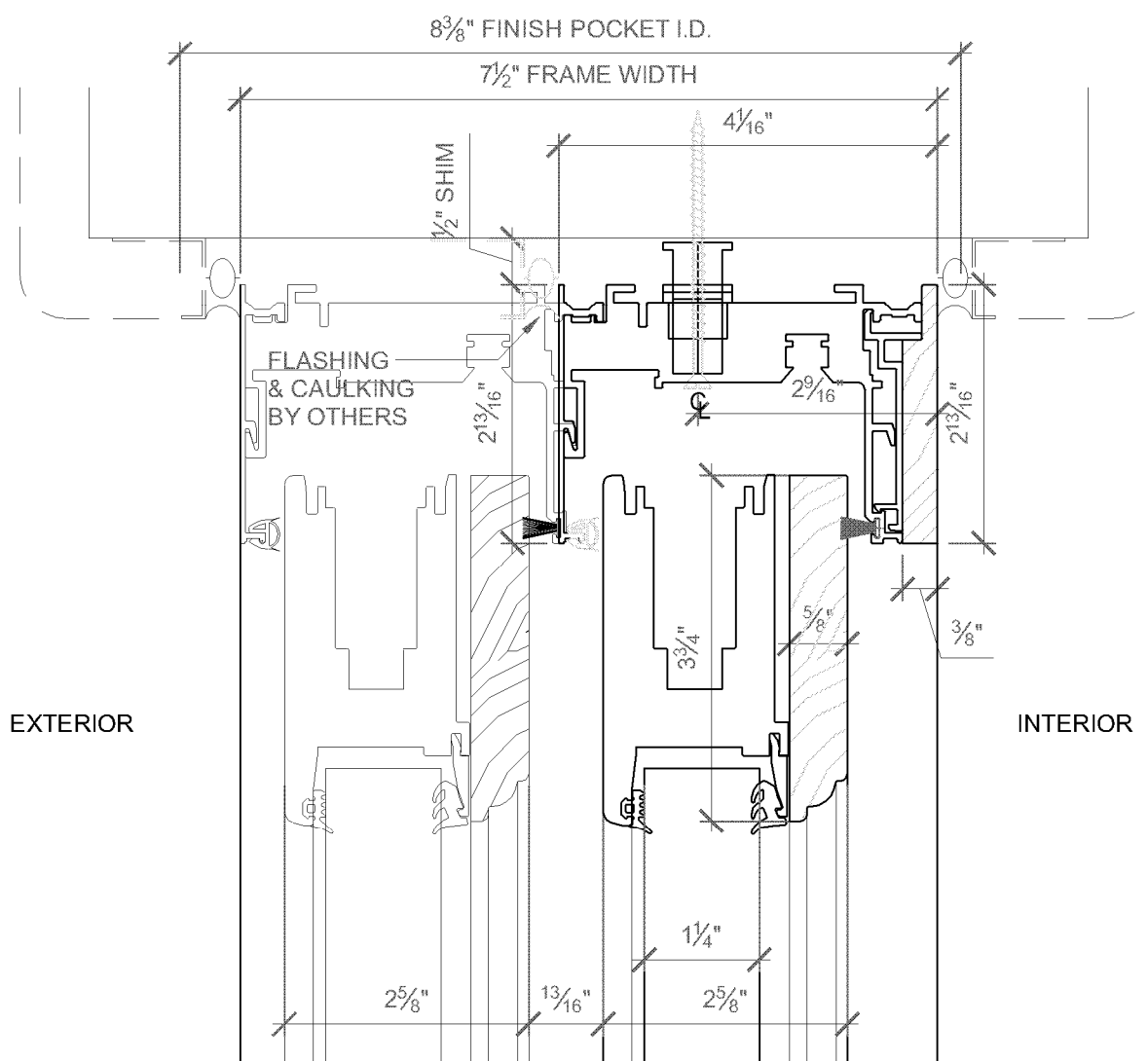
PXX XXP: Plan Section (Retracted Panels)



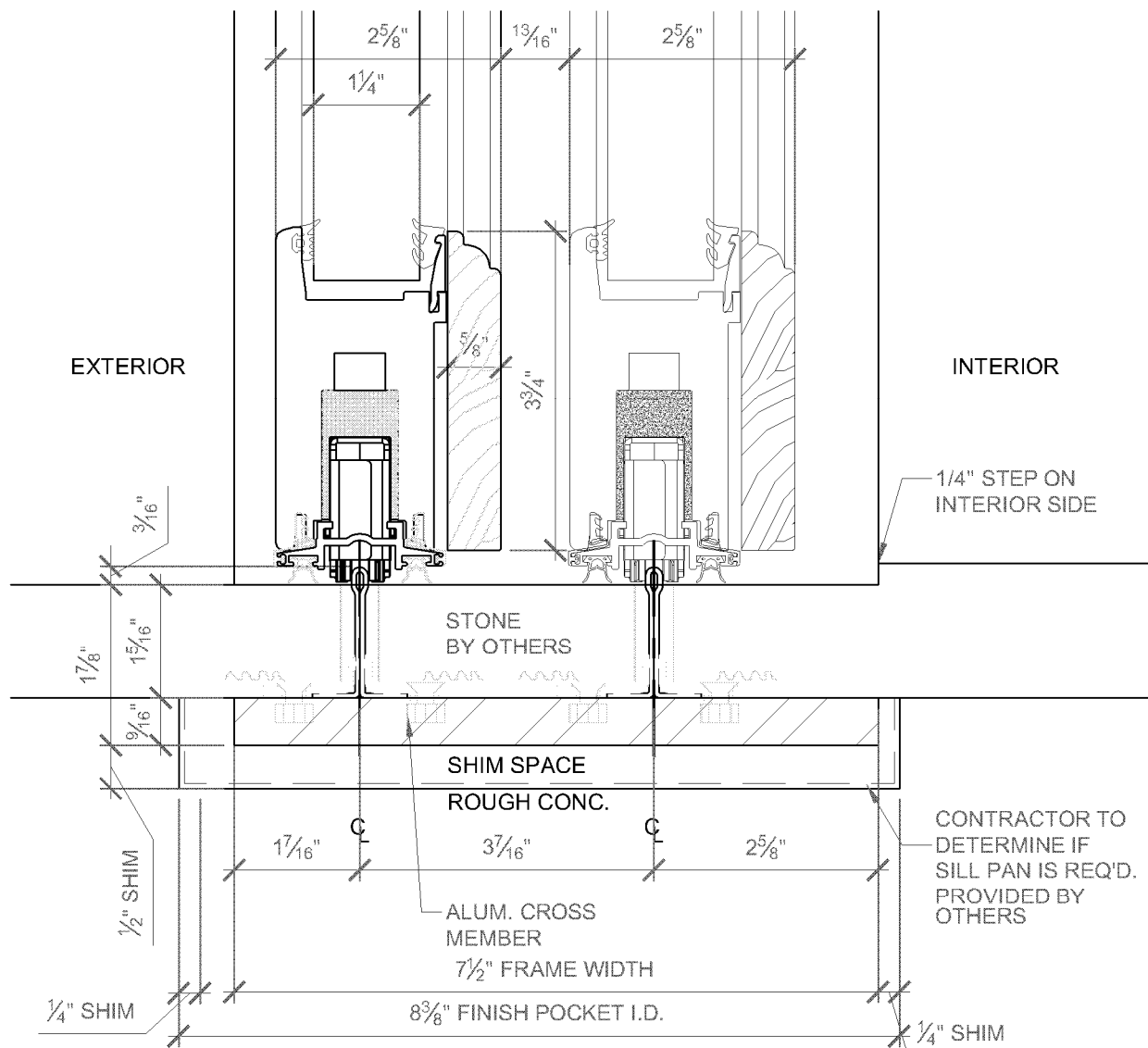
PXX XXP: Head Detail at Pocket (Retracted Panels)



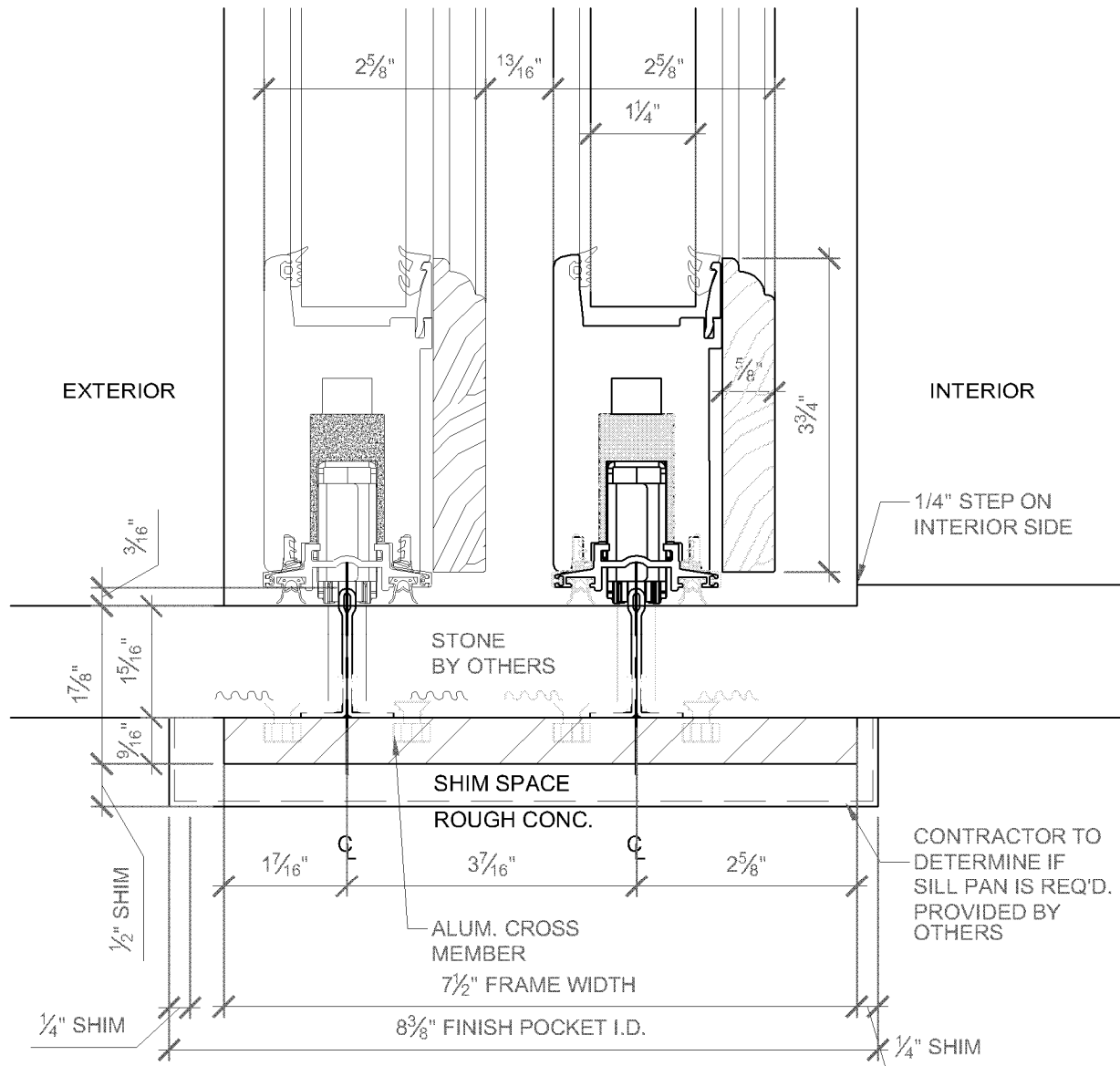
PXX XXP: Head Detail at Lead Panel



PXX XXP: Sill Detail at Pocket (Retracted Panels)

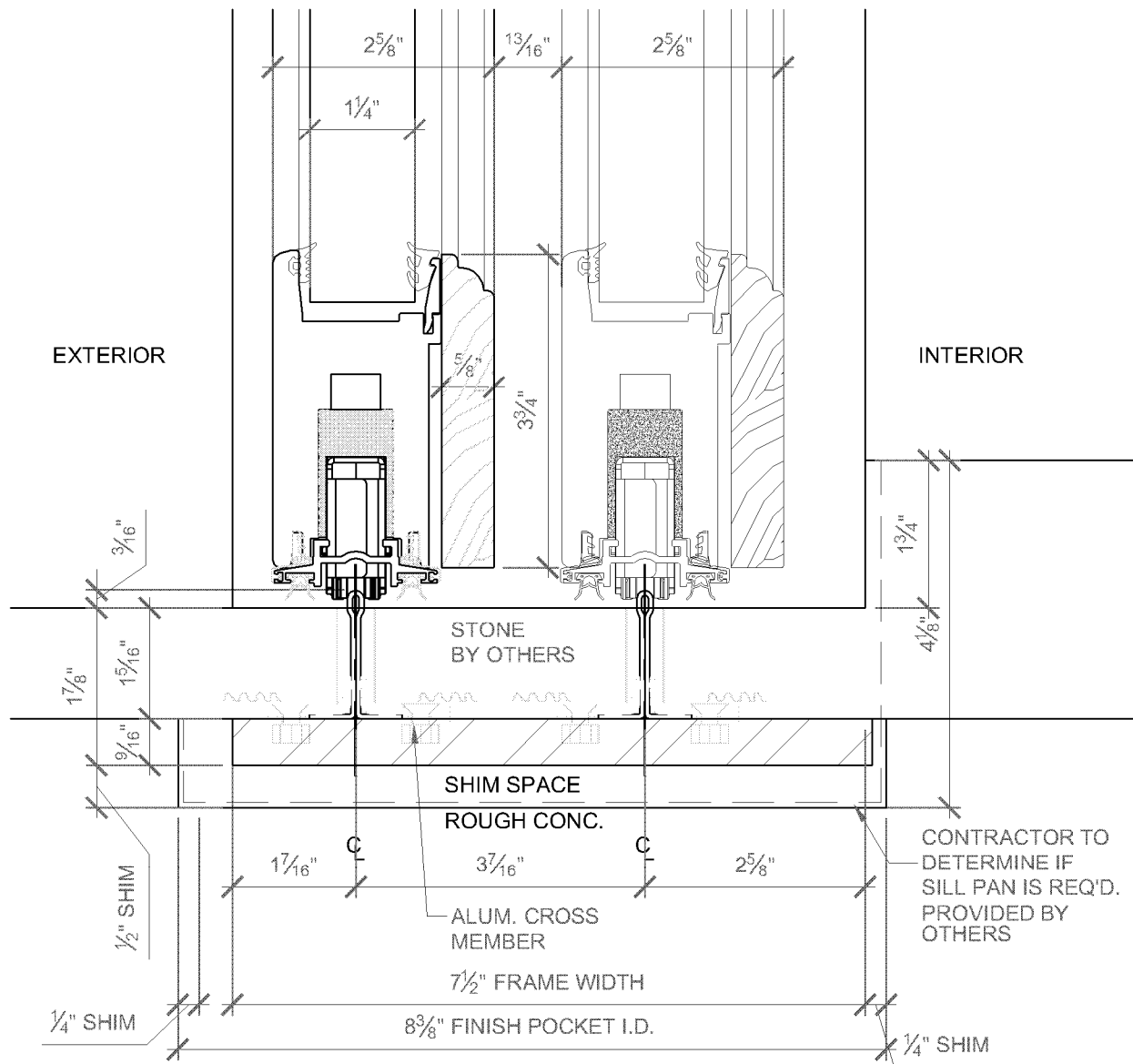


PXX XXP: Sill Detail at Lead Panel

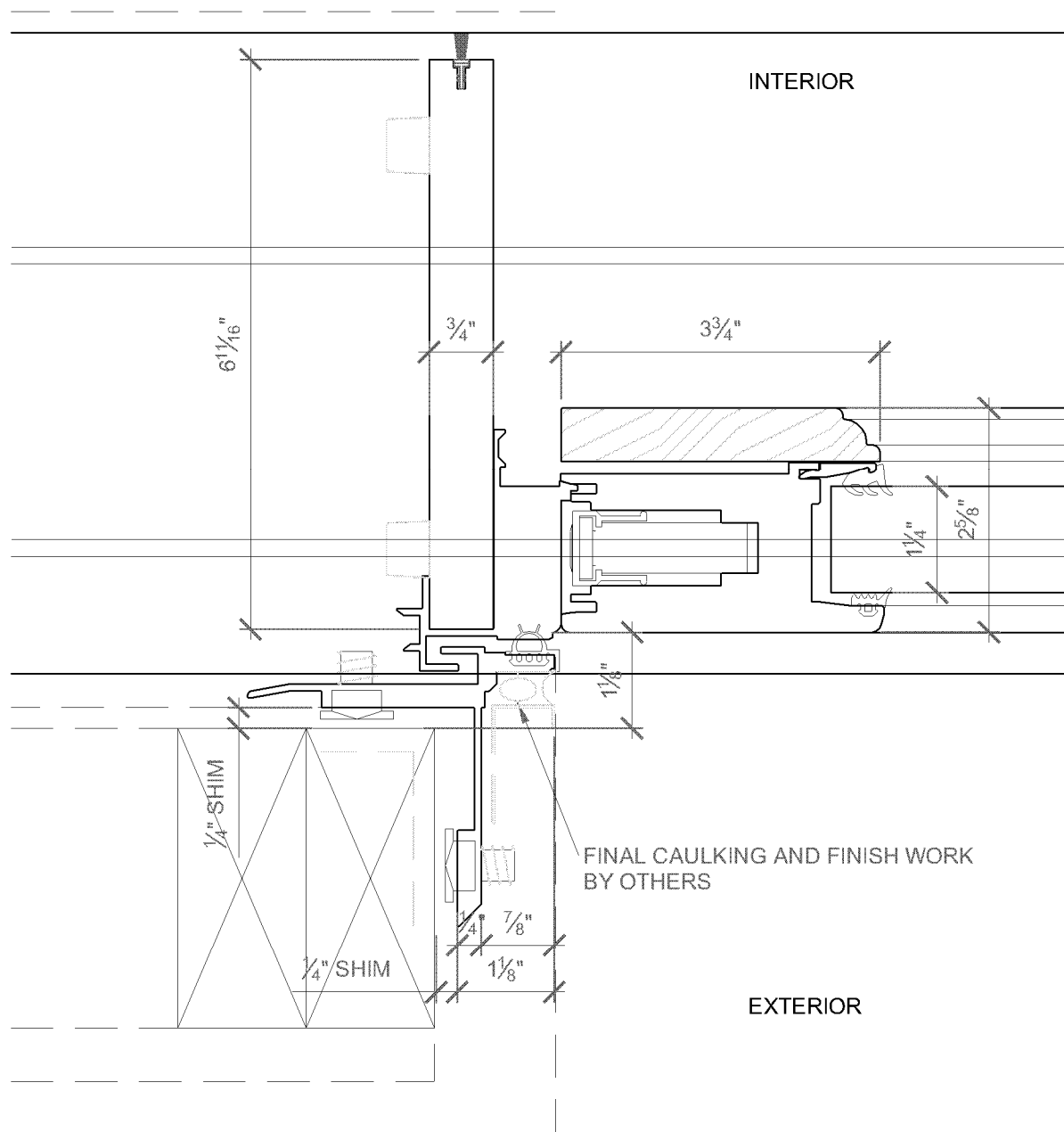


PXX XXP: Performance Flush Sill Detail

NOTE: Height of interior step varies based on performance requirements.

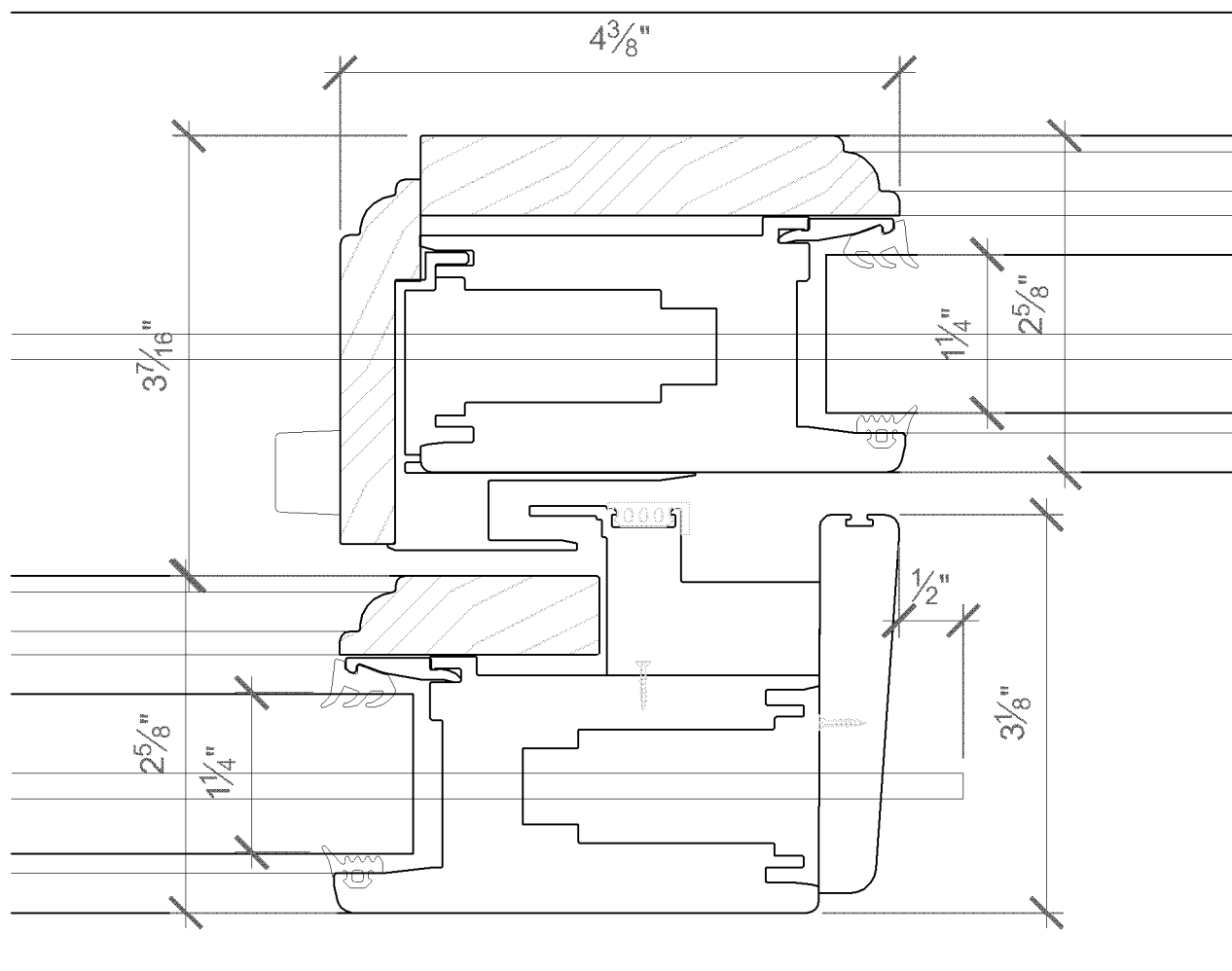


PXX XXP: Interlocker Detail at Jamb



PXX XXP: Interlocker Detail

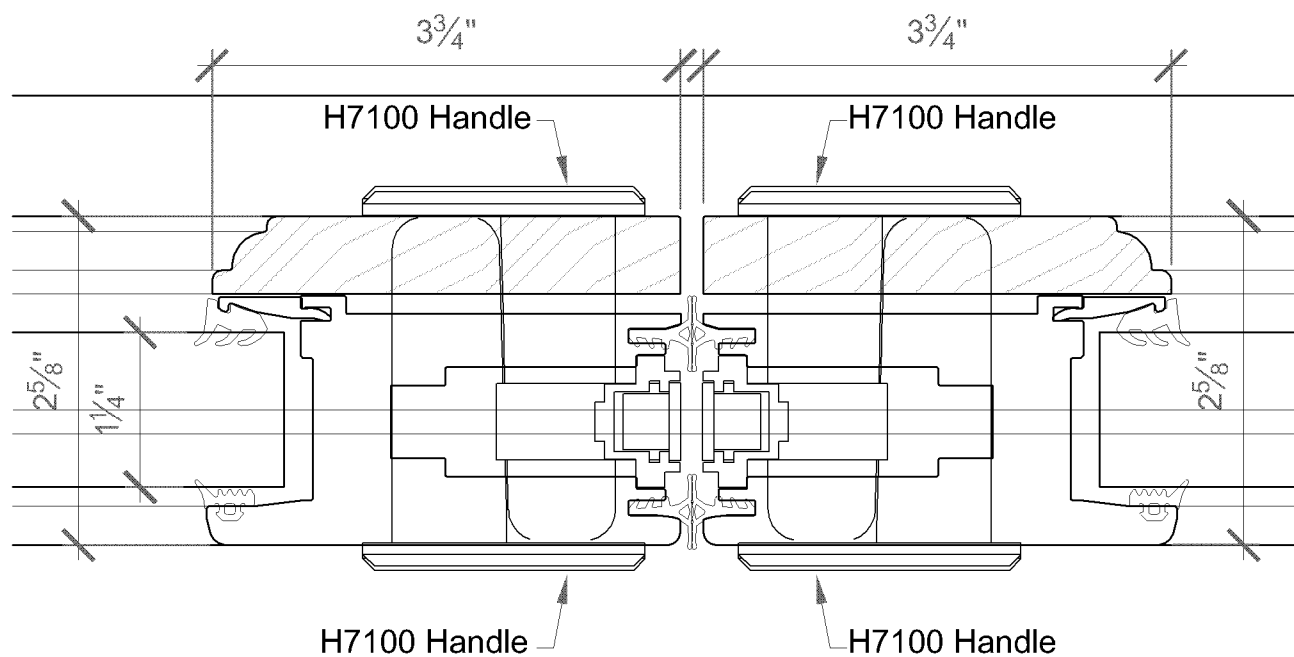
INTERIOR



EXTERIOR

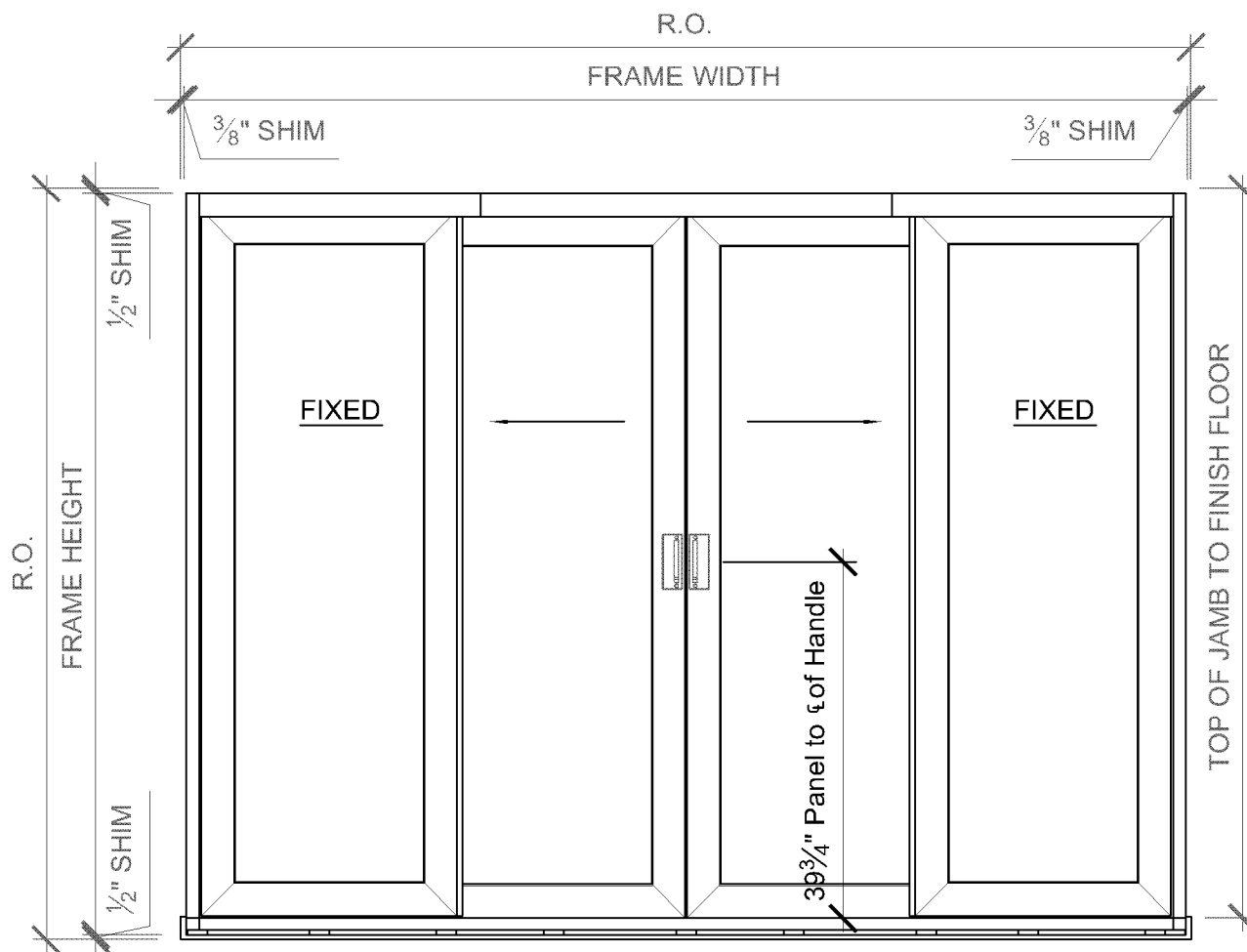
PXX XXP: Meeting Panel Detail

INTERIOR

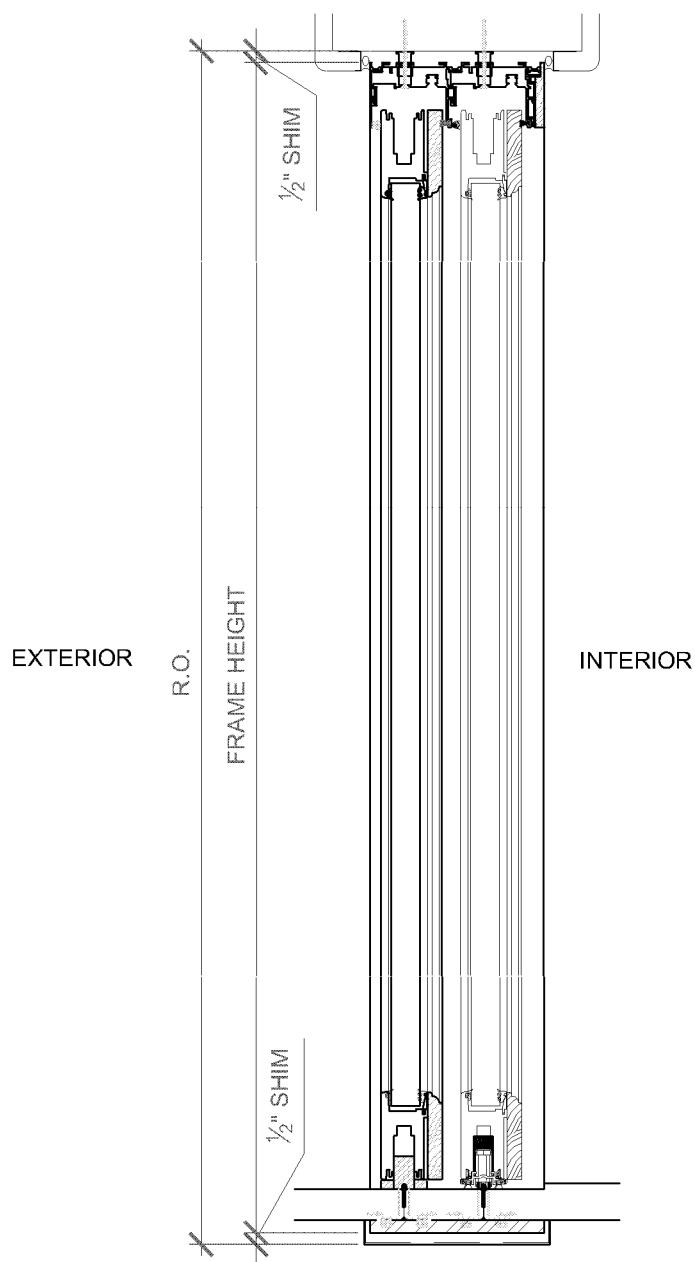


EXTERIOR

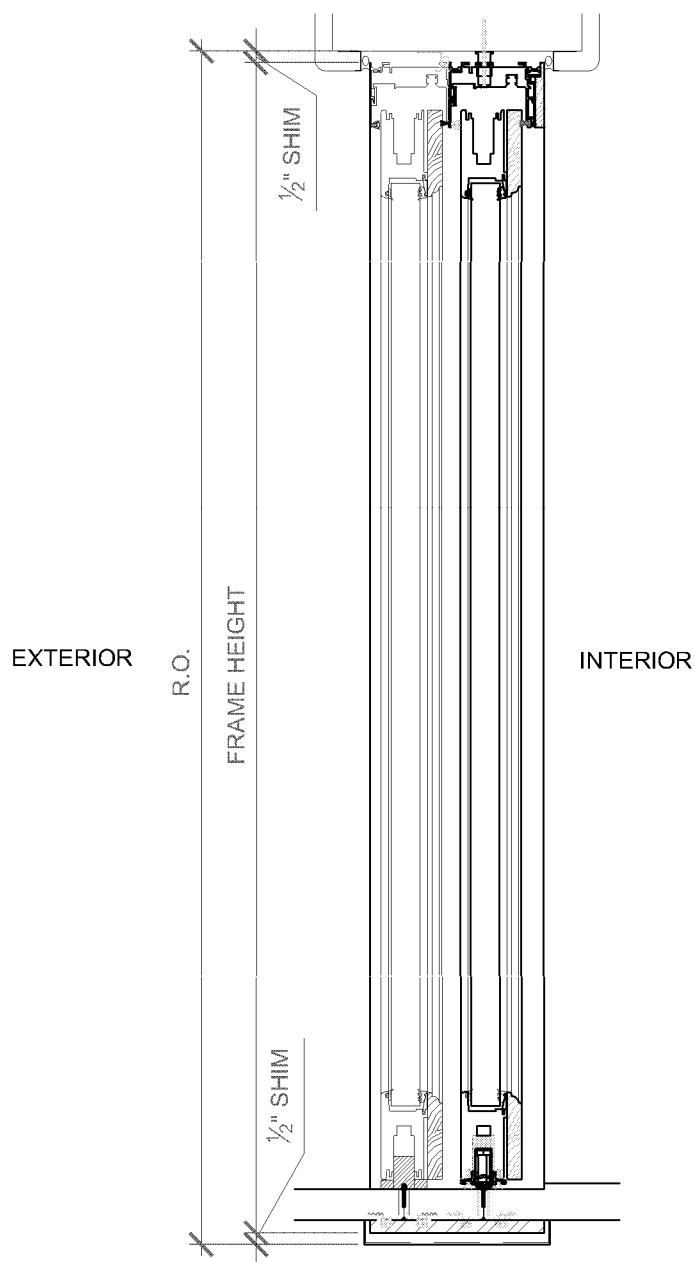
OXXO: Exterior Elevation



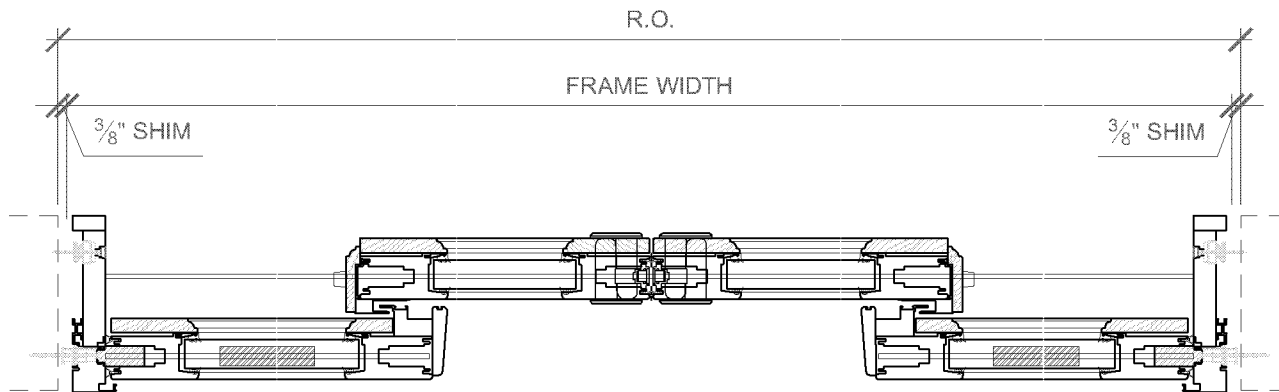
OXXO: Vertical Section at Fixed Panel



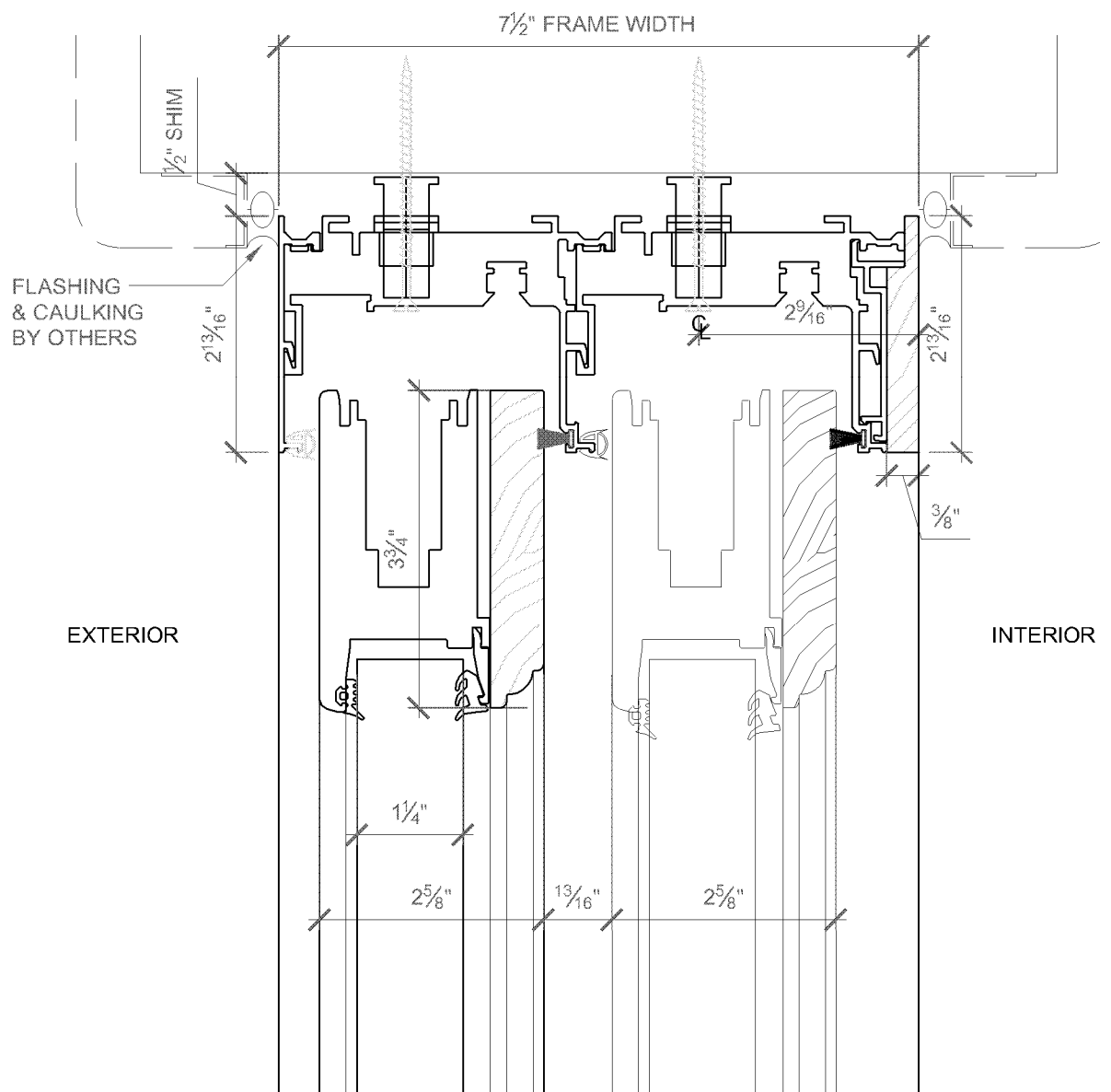
OXXO: Vertical Section at Active Panel



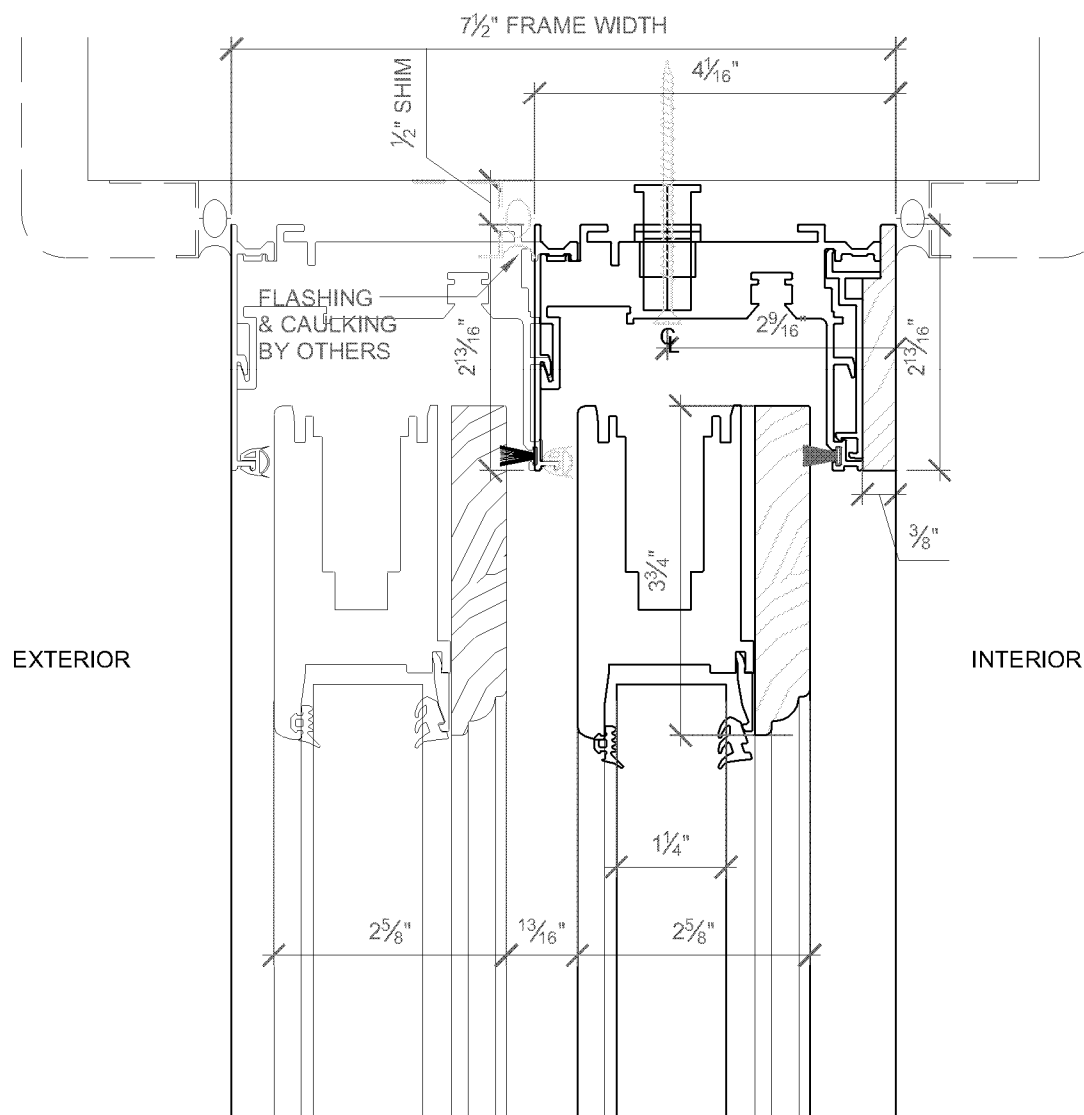
OXXO: Plan Section



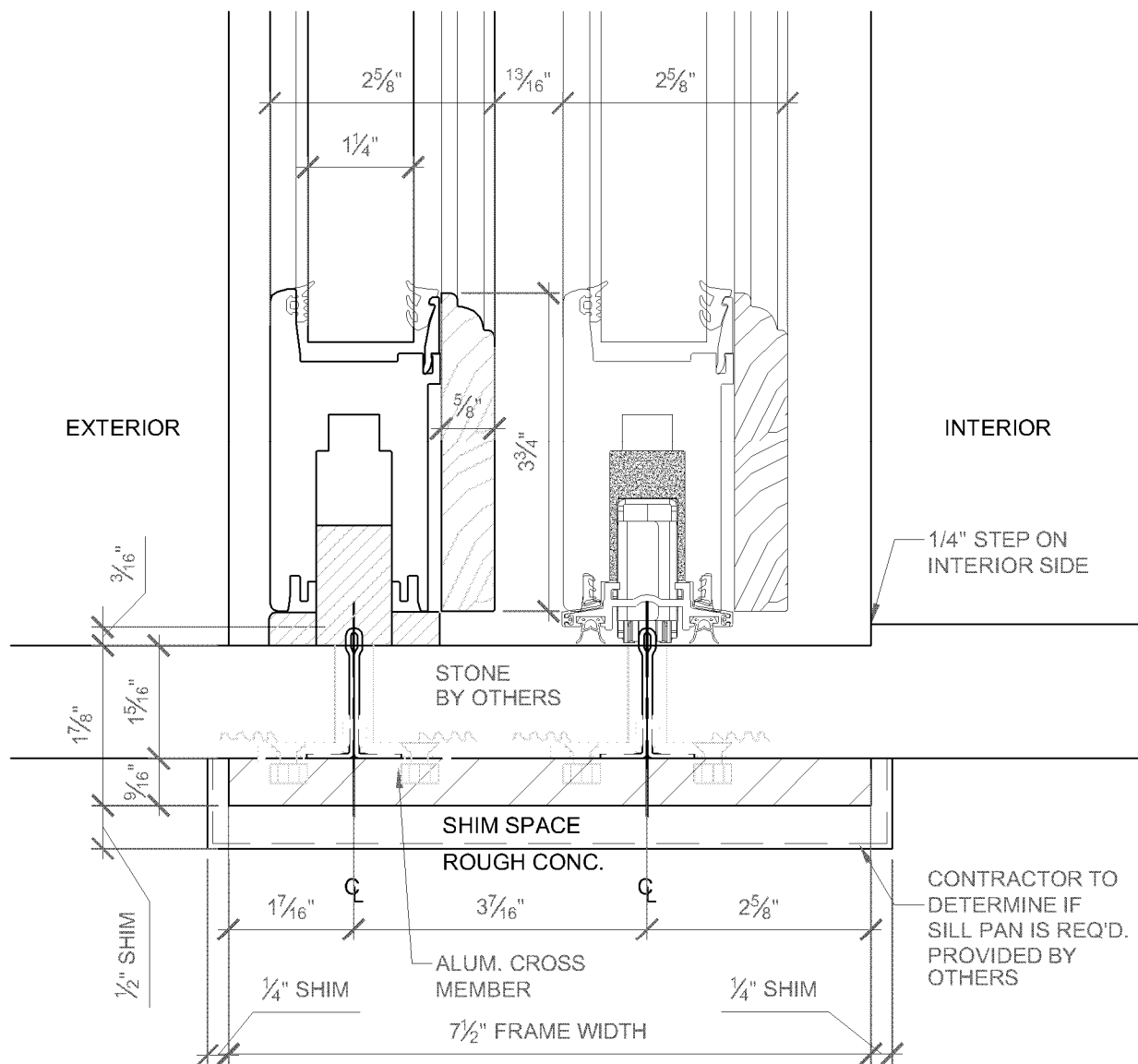
OXXO: Head Detail at Fixed Panel



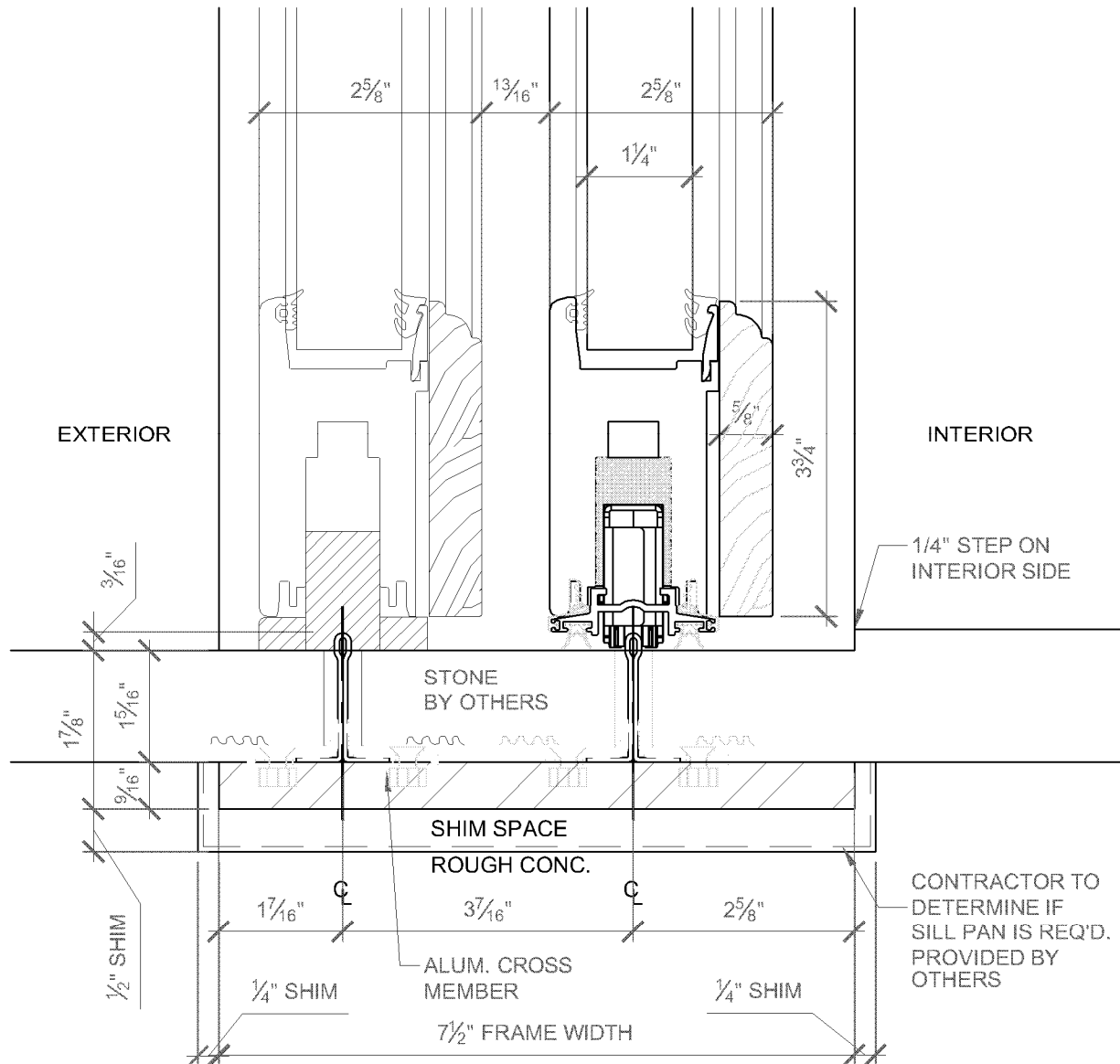
OXXO: Head Detail at Active Panel



OXXO: Sill Detail at Fixed Panel

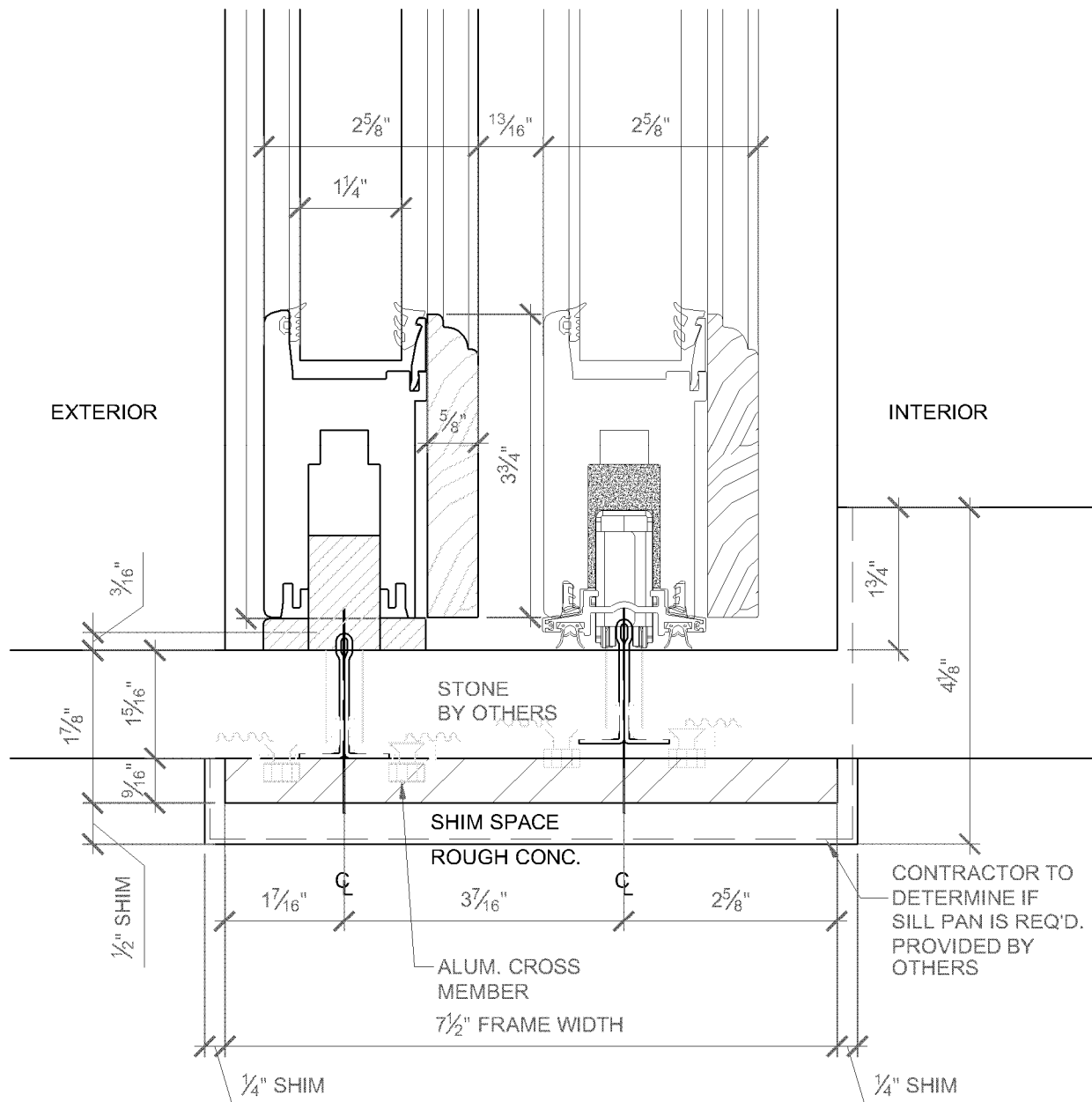


OXXO: Sill Detail at Active Panel

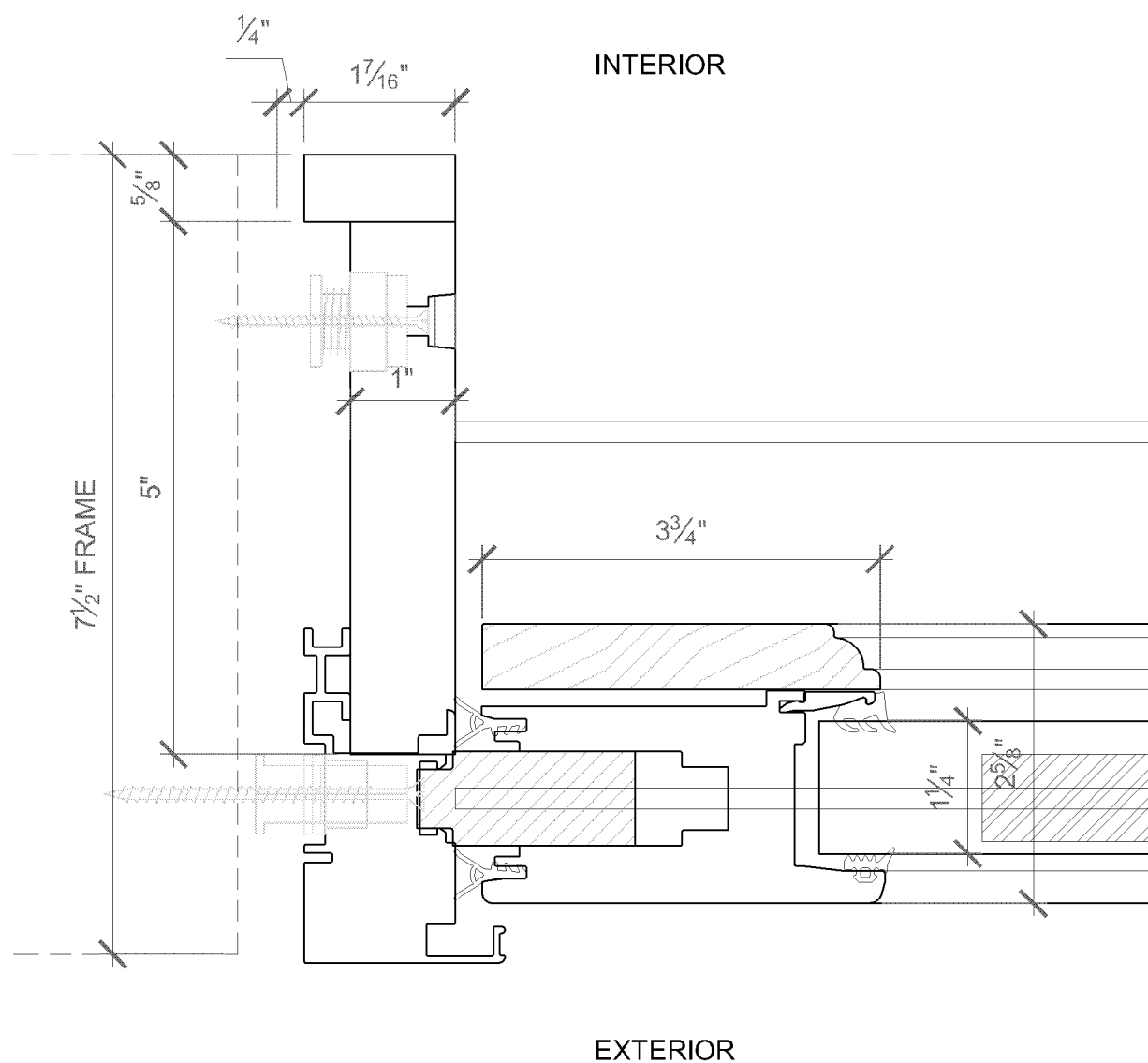


OXXO: Performance Flush Sill Detail

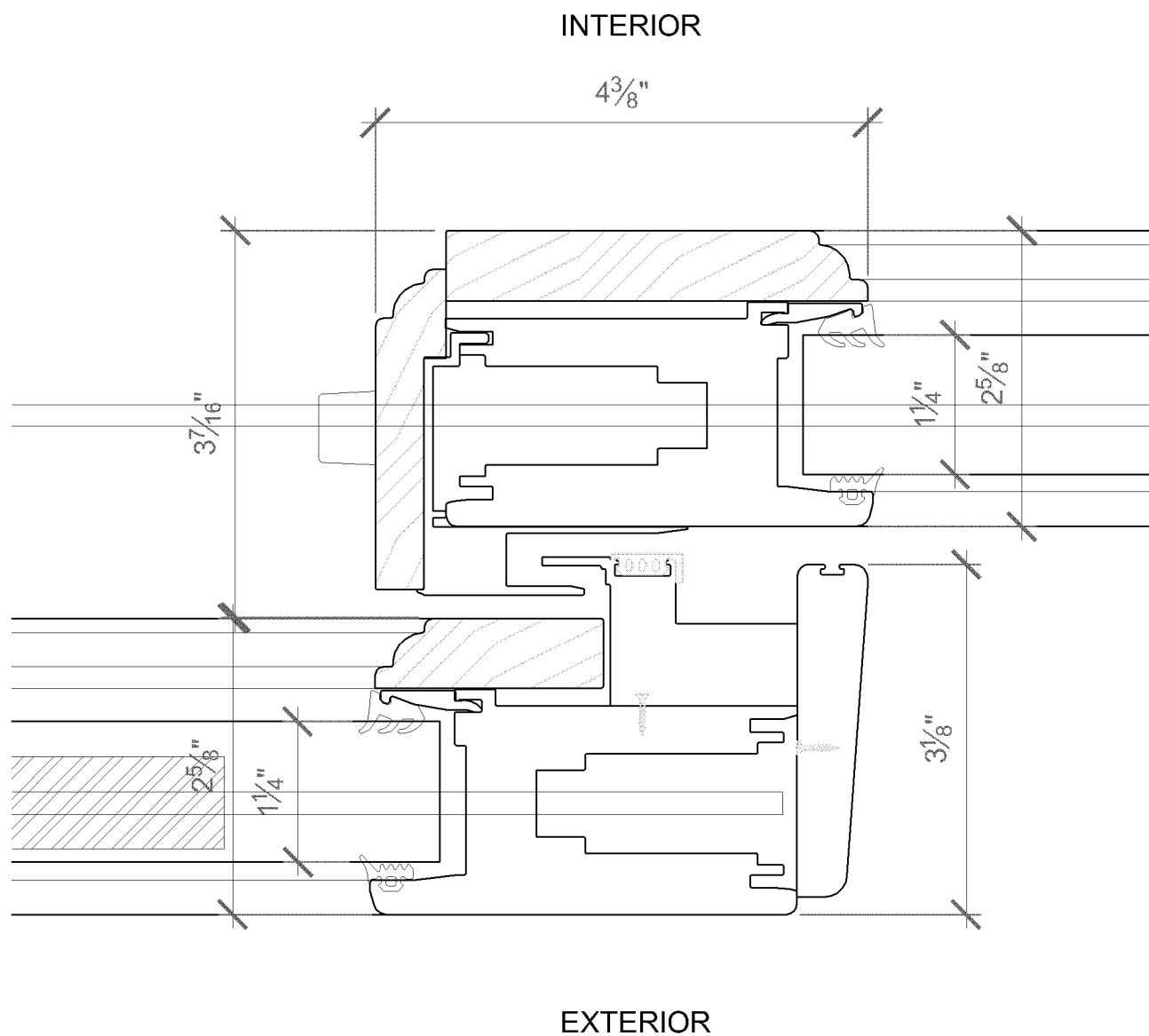
NOTE: Height of interior step varies based on performance requirements.



OXXO: Jamb Detail at Fixed Panel

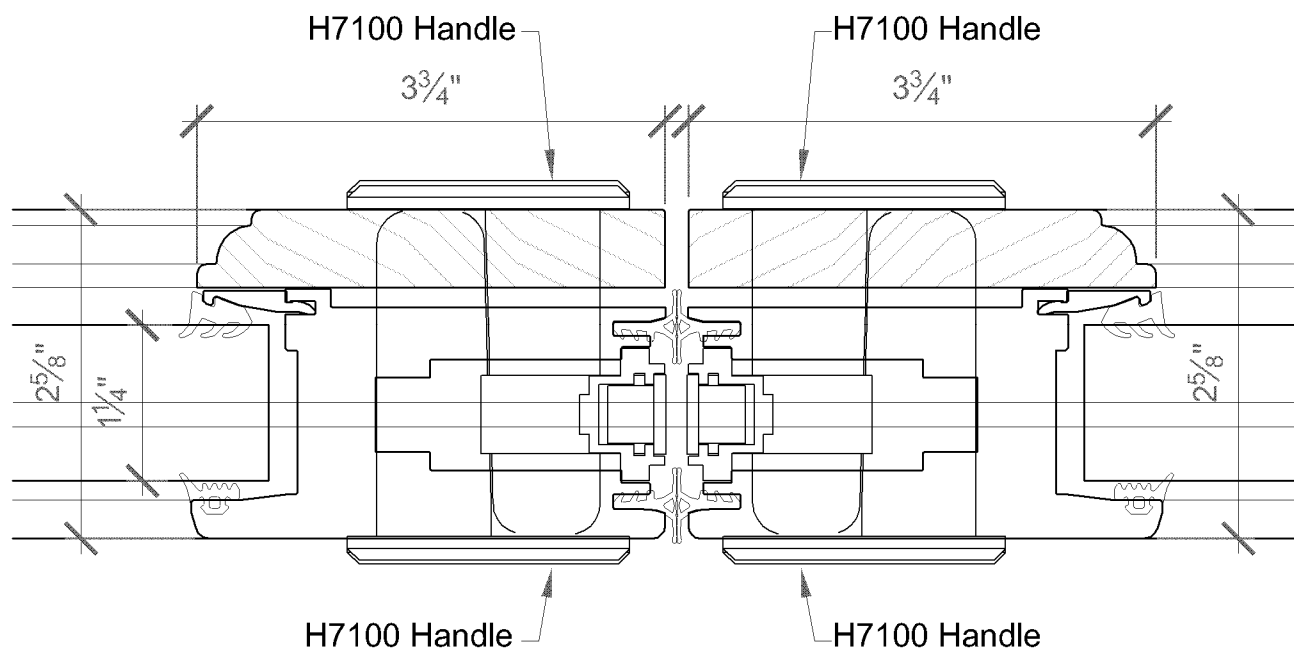


OXXO: Interlocker Detail



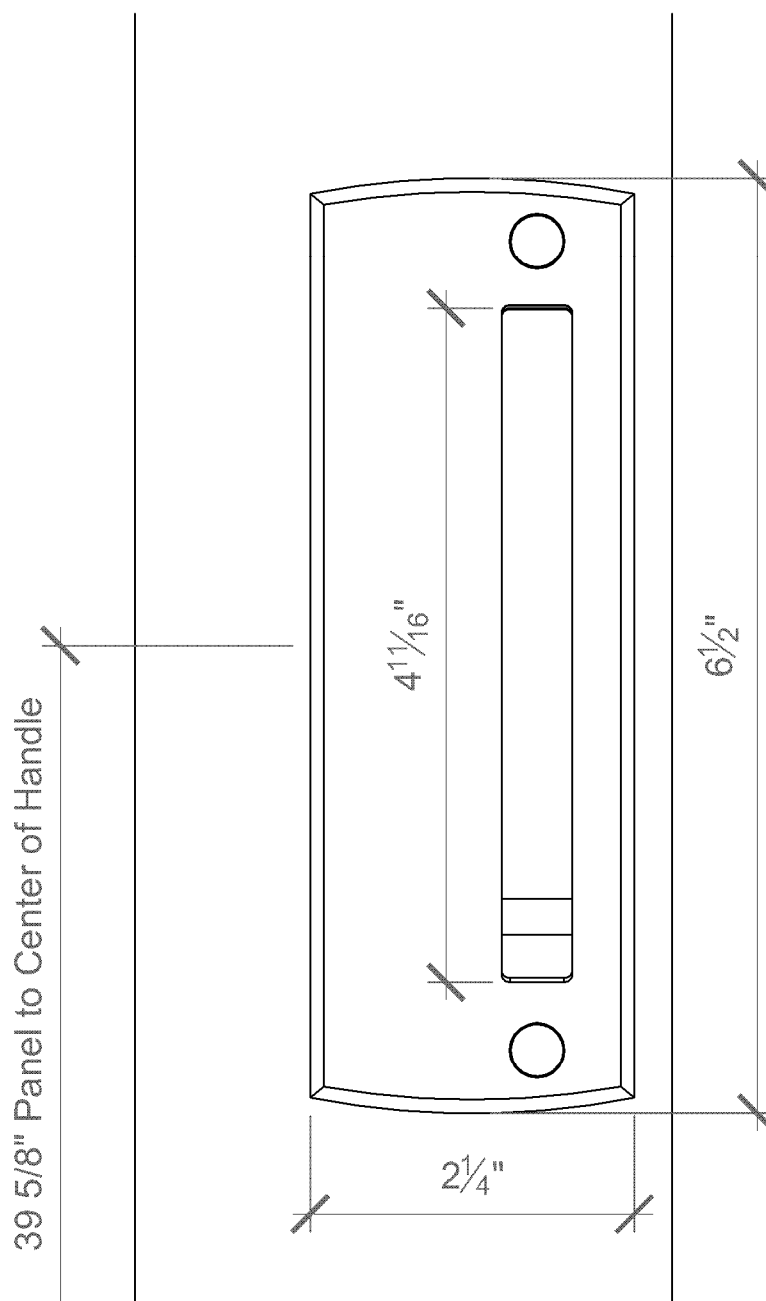
OXXO: Meeting Stiles Detail

INTERIOR



EXTERIOR

H7100: Elevation Detail



H7100: Cross Section Detail

