



**Introduction**..... V-RR-2

**Pocket Replacement**

Installation Details

Double-Hung..... V-RR-3

Single-Hung..... V-RR-4

**Flush Frame Replacement**

Installation Details

Sliding Window..... V-RR-6

Sliding Patio Door..... V-RR-7

**Full Frame Replacement**

Installation Details

Double-Hung..... V-RR-9

Sliding Window..... V-RR-10

Sliding Door ..... V-RR-11



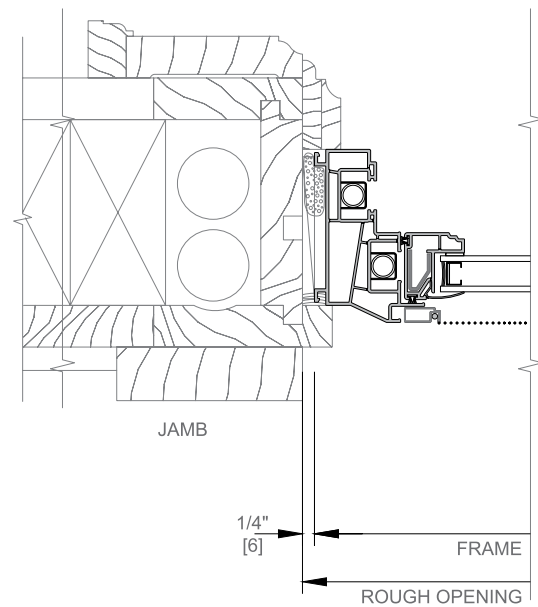
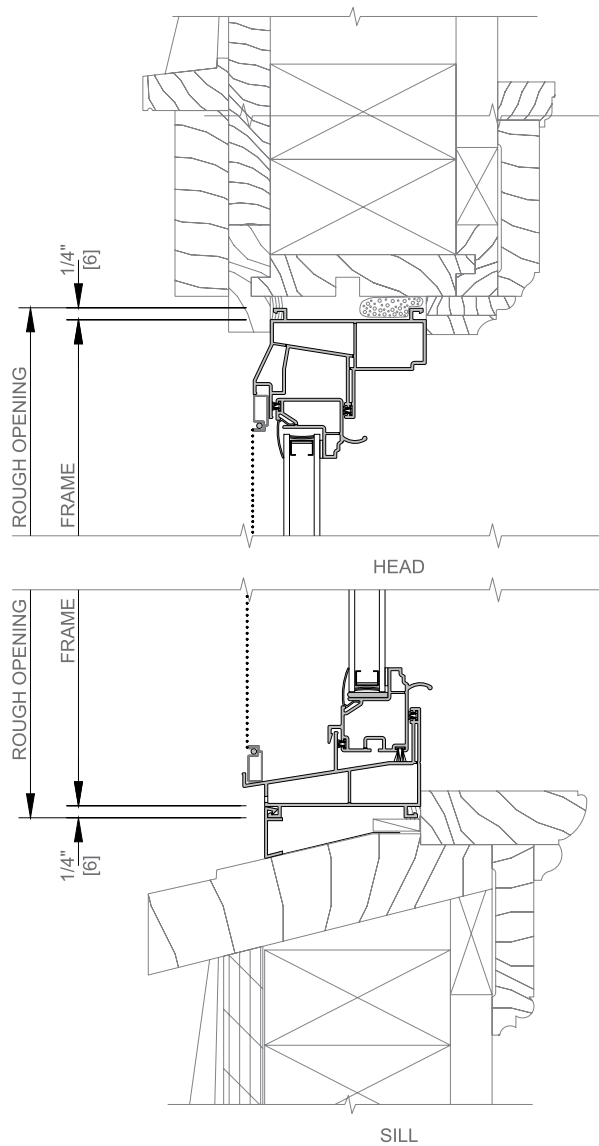
This section explores accessories, assembly systems and field measurement procedures required to meet the specific challenges of renovation and window replacement within existing construction.

**Vinyl Windows and Doors Manufactured by Pella are designed for three different replacement methods:**

**Pocket Replacement System** - is a fully assembled window that slides easily into the existing wood double-hung sash "pocket" created when the old sash is removed. This is done without damaging surrounding trim, wall paper, paint or plaster. Custom-built units are made to order in 1/4" increments to fit your existing window opening.

**Flush Flange System** - is designed for replacing existing aluminum or steel frame windows and patio doors in typical California hard coat stucco exterior applications, without removing the existing frame. Existing window frame and weep system must remain in place. For patio doors, the existing door frame head and jambs must remain in place, however the existing door sill must be removed. Custom-built units are made to order in 1/4" increments to fit your existing opening.

**Full Frame Replacement** - requires the complete removal of the existing window or patio door.



**VINYL WINDOW SLOPED SILL ADAPTER**

Sloped sill adapter is attached to the sill of the window.

**PELLA SMARTFLASH™ INSTALLATION TAPE**

Flashing tape is applied at the sill.

SEALANT BY OTHERS.

**LOW EXPANSION, LOW PRESSURE POLYURETHANE INSULATING WINDOW AND DOOR FOAM SEALANT - (DO NOT USE HIGH PRESSURE OR LATEX FOAMS).**

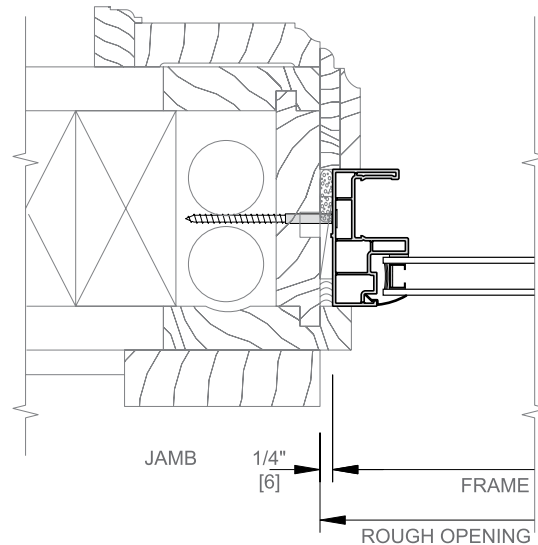
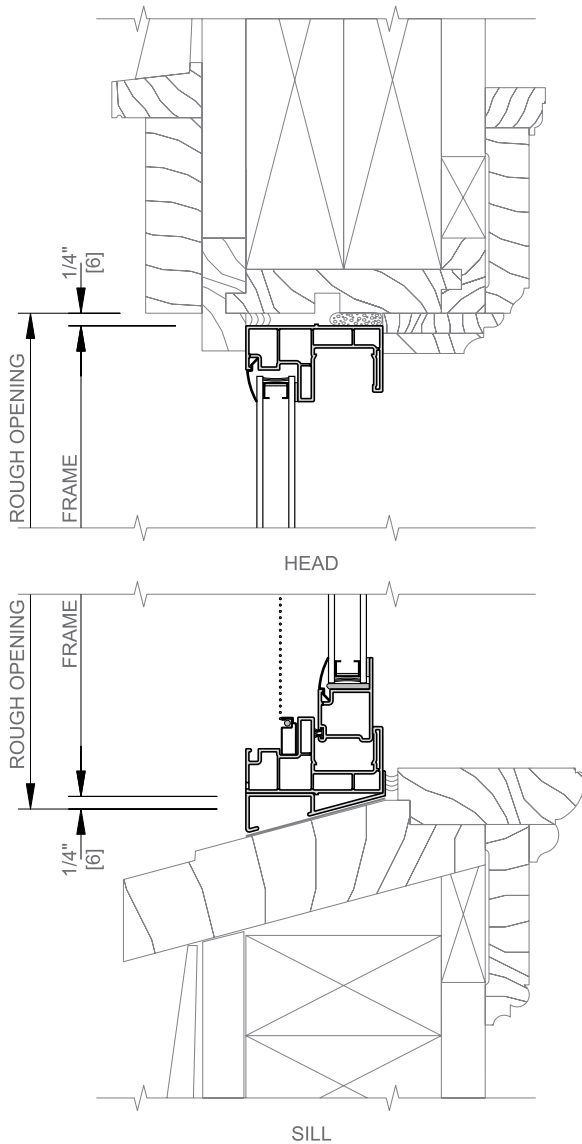
Apply a continuous 1" bead of insulating foam to provide a full interior seal.

Scale 3" = 1' 0"

Items in bold are available from Pella.

These details are typical single punch openings.

Refer to the appropriate Vinyl windows and Doors Manufactured by Pella installation instruction for step by step instructions.



**VINYL WINDOW SLOPED SILL ADAPTER**

Sloped sill adapter is attached to the sill of the window.

**PELLA SMARTFLASH™ INSTALLATION TAPE**

Flashing tape is applied at the sill.

SEALANT BY OTHERS.

**LOW EXPANSION, LOW PRESSURE POLYURETHANE INSULATING WINDOW AND DOOR FOAM SEALANT - (DO NOT USE HIGH PRESSURE OR LATEX FOAMS).**

Apply a continuous 1" bead of insulating foam to provide a full interior seal.

Scale 3" = 1' 0"

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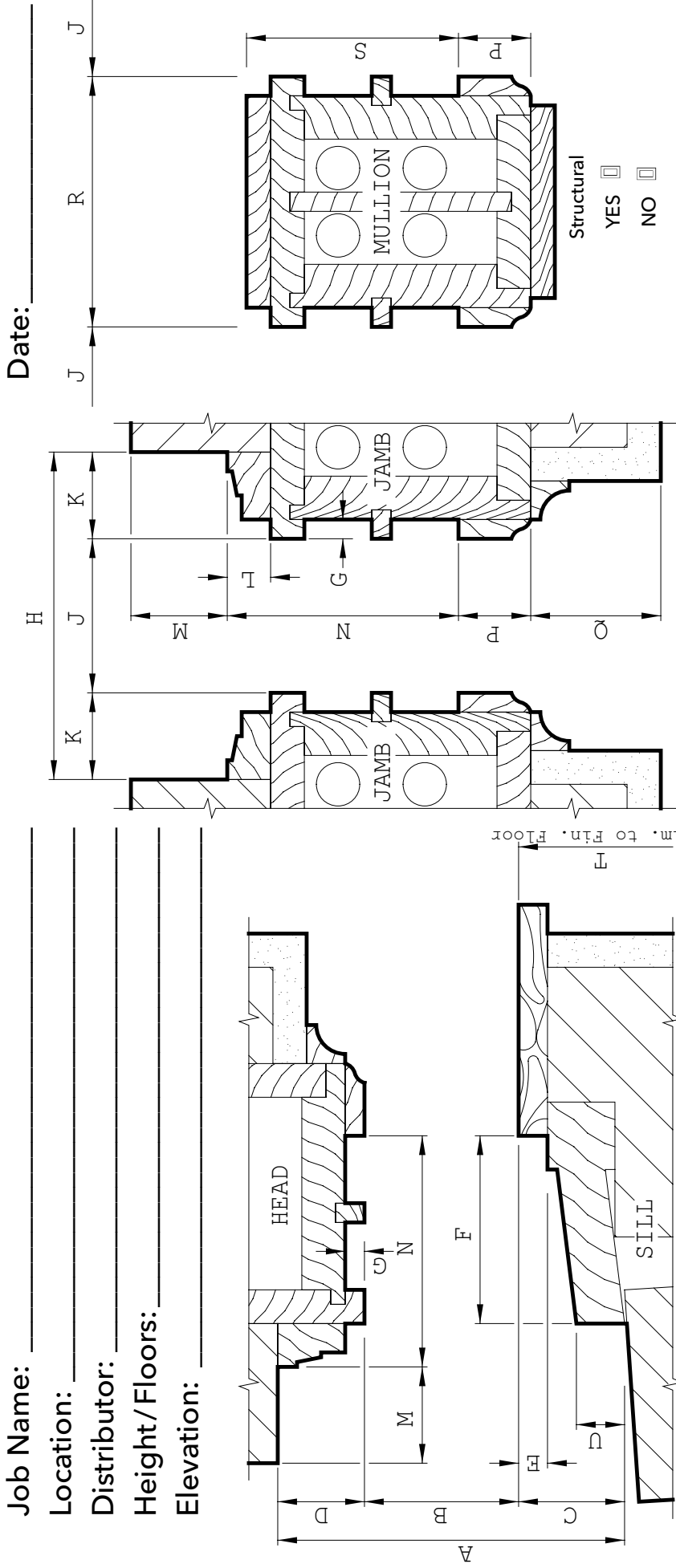
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# WINDOW REPLACEMENT FIELD MEASUREMENT GUIDE

(For Existing Wood Double-Hung Windows)

Job Name: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Distributor: \_\_\_\_\_  
 Height/Floors: \_\_\_\_\_  
 Elevation: \_\_\_\_\_



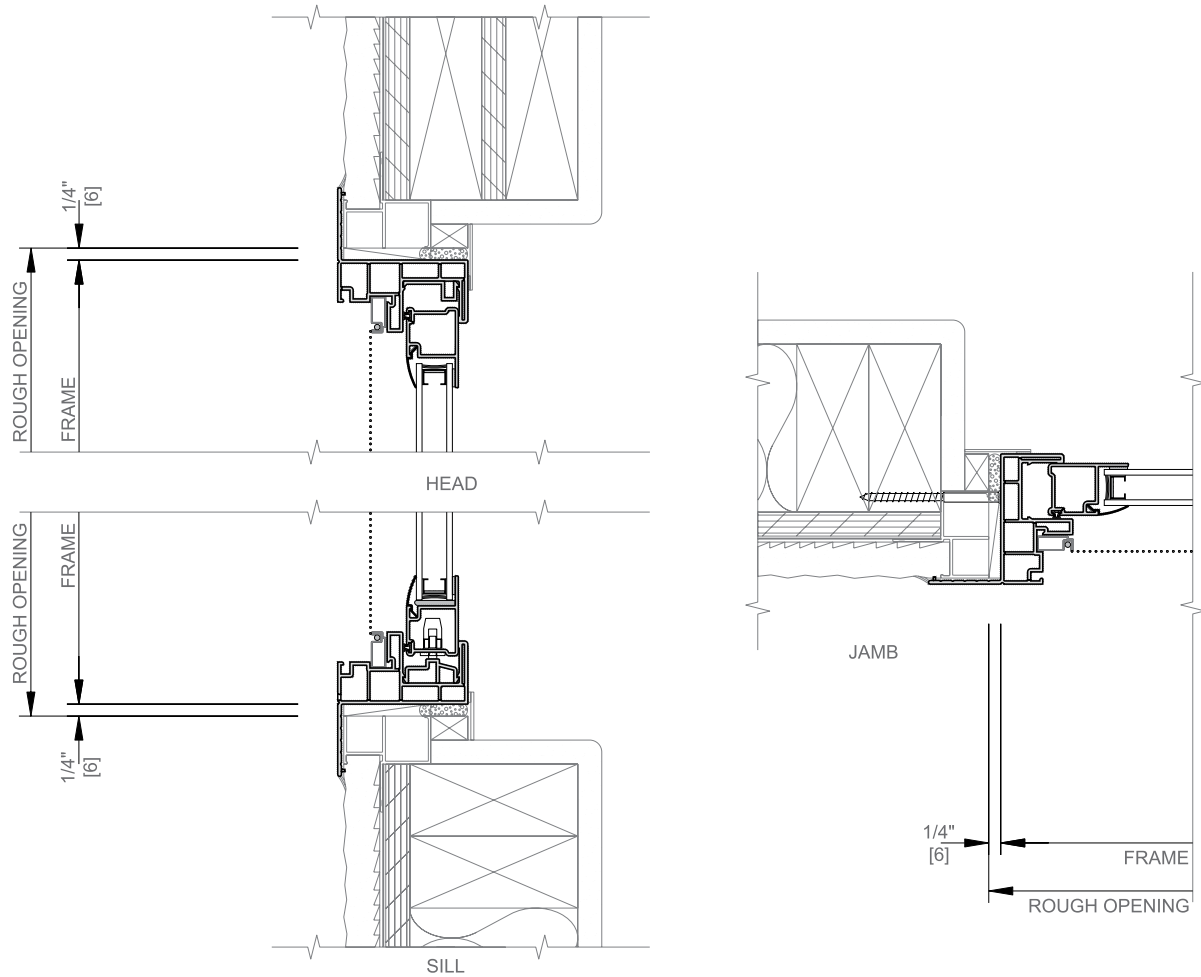
**NOTE** If existing conditions are different than shown, draw and dimension profile on another sheet.

MARK	QUANTITY	A	B	C	D	E	F	G

H	I	J	K	L	M	N	O	P	Q	R	S	T	U

Product Type: \_\_\_\_\_ Glazing: \_\_\_\_\_ Hardware/Option: \_\_\_\_\_  
 Pella Corporation, Pella, IA Sheet Number \_\_\_\_\_ of \_\_\_\_\_

This installation is designed for typical California hard coat stucco exterior applications. The installation requires the existing aluminum or steel window frame and weep system remain in place.



SEALANT BY OTHERS.

**LOW EXPANSION, LOW PRESSURE POLYURETHANE  
INSULATING  
WINDOW AND DOOR FOAM SEALANT - (DO NOT USE HIGH  
PRESSURE OR LATEX FOAMS).**

Apply a continuous 1" bead of insulating foam to provide a full interior seal.

WOOD BLOCKING BY OTHERS

INTERIOR VINYL TRIM BY OTHERS

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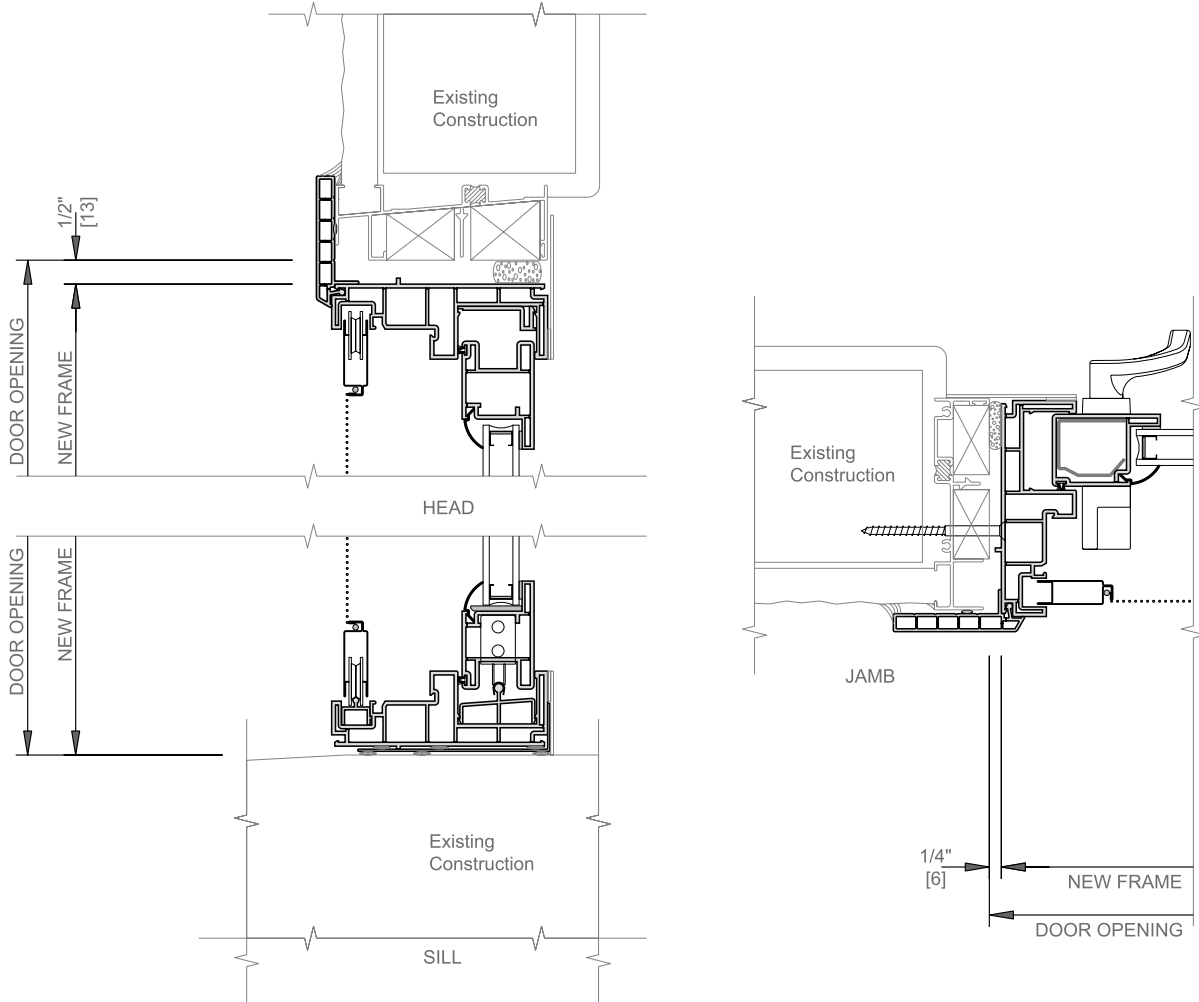
**REPLACEMENT AND RENOVATION SYSTEMS**

**FLUSH FLANGE REPLACEMENT INSTALLATION DETAILS**

Sliding Patio Door - Flush Flange at Head and Jamb  
West Region Only



This installation is designed for typical California hard coat stucco exterior applications. The installation requires the existing aluminum door frame head and jamb remain in place. The existing door sill must be removed.



SEALANT BY OTHERS.

**LOW EXPANSION, LOW PRESSURE POLYURETHANE INSULATING WINDOW AND DOOR FOAM SEALANT - (DO NOT USE HIGH PRESSURE OR LATEX FOAMS).**

Apply a continuous 1" bead of insulating foam to provide a full interior seal.

WOOD BLOCKING BY OTHERS

INTERIOR TRIM BY OTHERS

SILL PAN

**INTERIOR VINYL TRIM**

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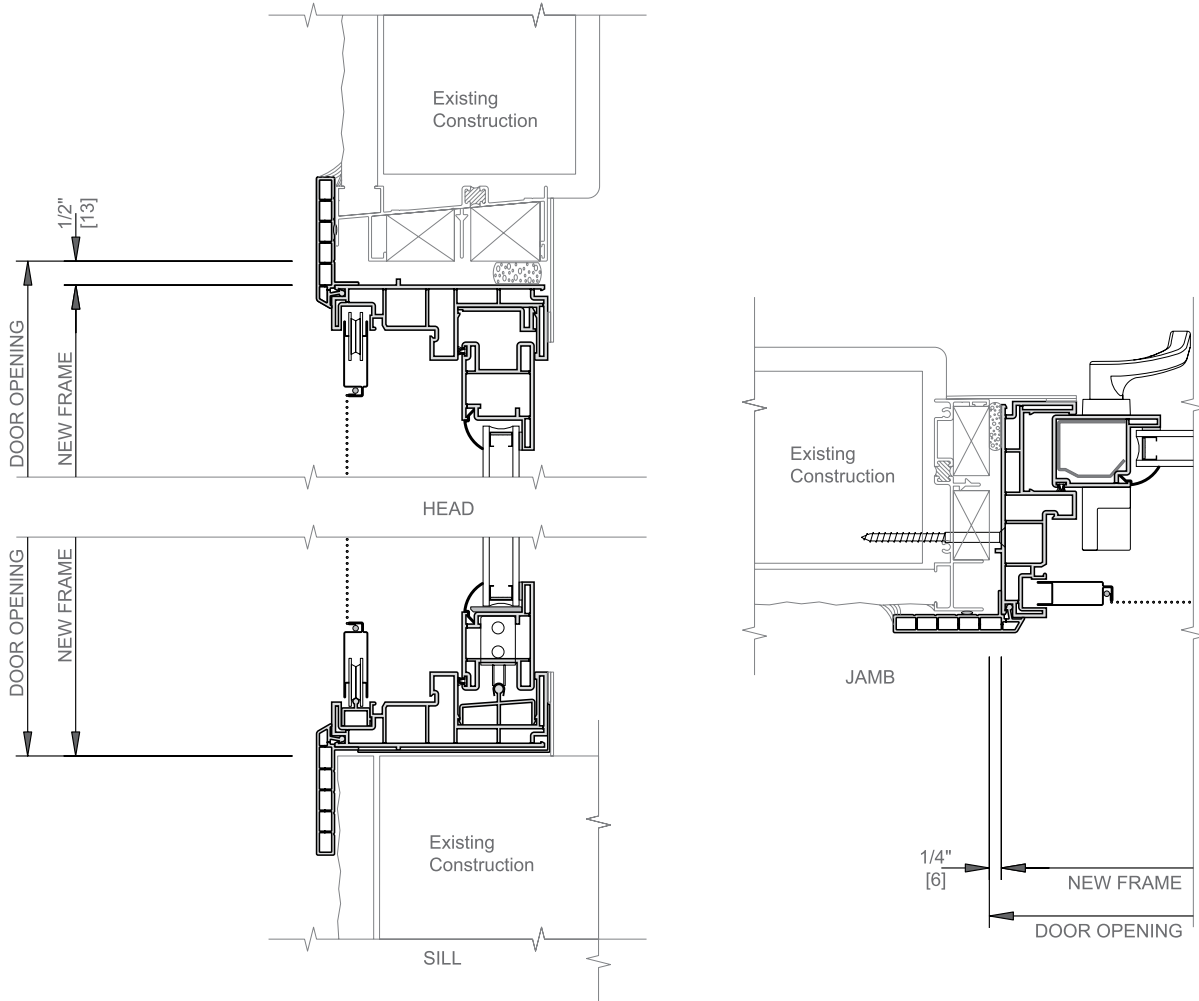
**REPLACEMENT AND RENOVATION SYSTEMS**

**FLUSH FLANGE REPLACEMENT INSTALLATION DETAILS**

Sliding Patio Door - Flush Flange at Head, Jambs and Sills  
West Region Only



This installation is designed for typical California hard coat stucco exterior applications. The installation requires the existing aluminum or steel window frame and weep system remain in place.



SEALANT BY OTHERS.

**LOW EXPANSION, LOW PRESSURE POLYURETHANE INSULATING WINDOW AND DOOR FOAM SEALANT - (DO NOT USE HIGH PRESSURE OR LATEX FOAMS).**

Apply a continuous 1" bead of insulating foam to provide a full interior seal.

WOOD BLOCKING BY OTHERS

**INTERIOR TRIM BY OTHERS**

SILL PAN

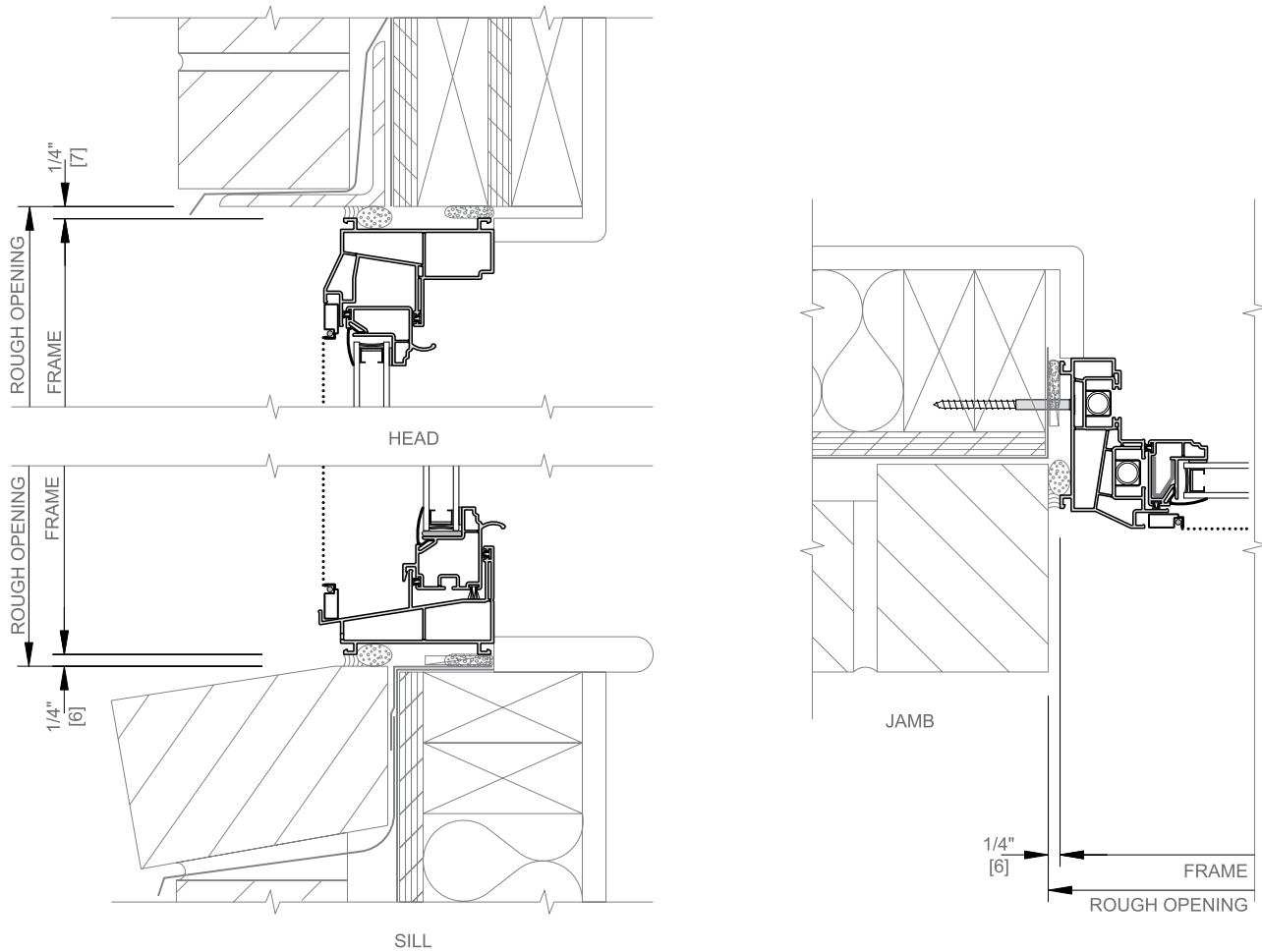
**INTERIOR VINYL TRIM**

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**SEE INSTALLATION INSTRUCTIONS FOR ANCHORAGE SCREW SIZE, LOCATION AND SPACING**

**PELLA SMARTFLASH™ INSTALLATION TAPE**

Flashing tape is applied at the sill.

**BACKER ROD AND SEALANT BY OTHERS.**

Water-resistant backer rod & sealant.

**LOW EXPANSION, LOW PRESSURE POLYURETHANE INSULATING WINDOW AND DOOR FOAM SEALANT - (DO NOT USE HIGH PRESSURE OR LATEX FOAMS).**

Apply a continuous 1" bead of insulating foam to provide a full interior seal.

**THROUGH-WALL CAVITY FLASHING WITH WEEPS AT HEAD AND SILL BY OTHERS.**

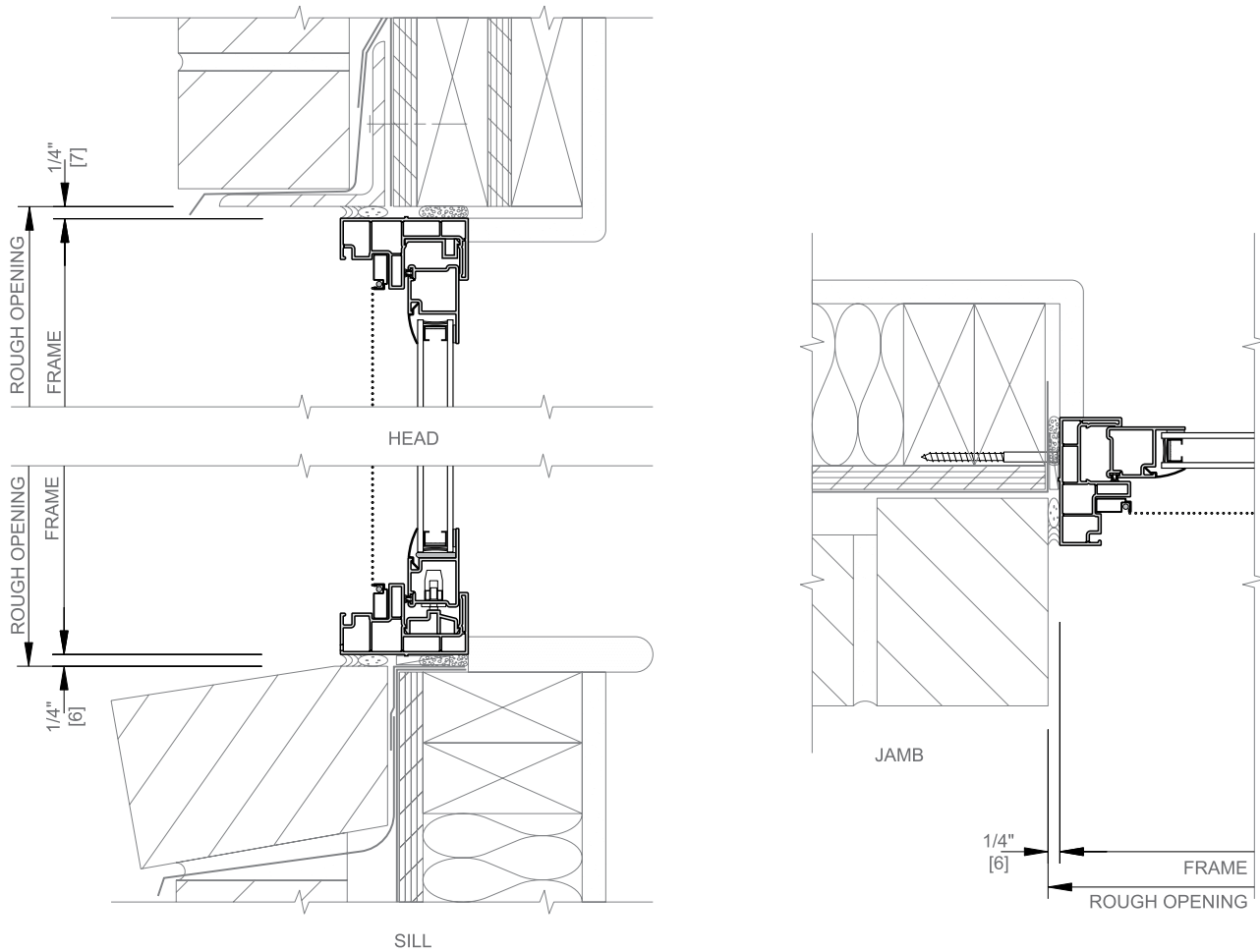
Brick return at jamb to close cavity and provide backing for backer rod and sealant.

Scale 3" = 1' 0"

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THROUGH-WALL CAVITY FLASHING WITH WEEPS AT HEAD AND SILL BY OTHERS.

**SEE INSTALLATION INSTRUCTIONS FOR ANCHORAGE SCREW SIZE, LOCATION AND SPACING.**

**PELLA SMARTFLASH™ INSTALLATION TAPE**

Integrate the window and door flashing tape into the wall system.

Brick return at jamb to close cavity and provide backing for backer rod and sealant.

**BACKER ROD AND SEALANT BY OTHERS**

Water resistant backer rod and sealant.

**LOW EXPANSION, LOW PRESSURE POLYURETHANE INSULATING WINDOW AND DOOR FOAM SEALANT - (DO NOT USE HIGH PRESSURE OR LATEX FOAMS).**

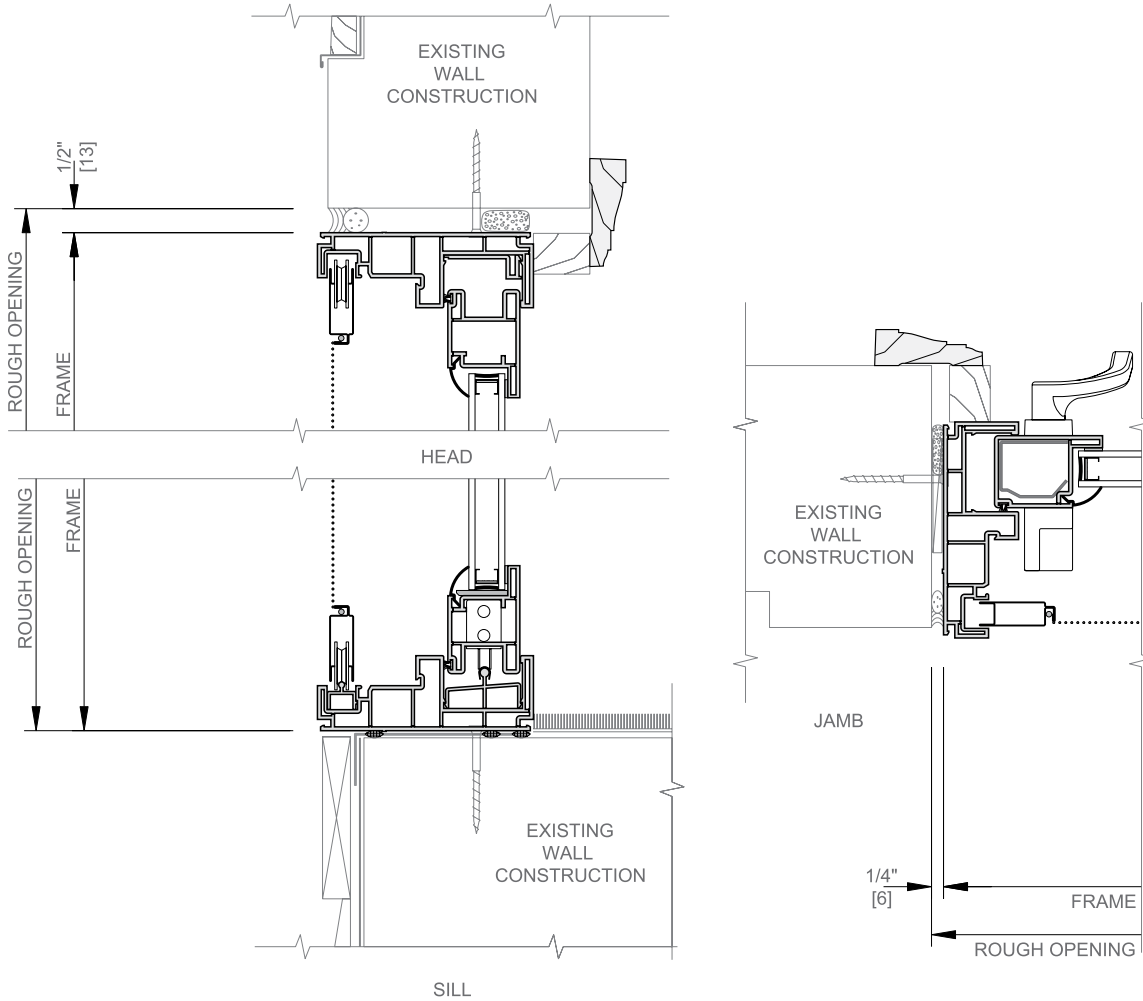
Apply a continuous 1" bead of insulating foam to provide a full interior seal.

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**FLASHING BY OTHERS**  
Metal head flashing.  
Metal sill flashing.

Attach unit to wall construction with frame screws per the installation instruction.

**PELLA SMARTFLASH™ FOIL BACKED BUTYL WINDOW AND DOOR FLASHING TAPE AT SILL**

**BACKER ROD AND SEALANT BY OTHERS**  
Water-resistant backer rod & sealant.

**LOW EXPANSION, LOW PRESSURE POLYURETHANE INSULATING WINDOW AND DOOR FOAM SEALANT - (DO NOT USE HIGH PRESSURE OR LATEX FOAMS).**  
Apply a continuous 1" bead of insulating foam to provide a full interior seal.

**WOOD BLOCKING BY OTHERS AT SILL TO SUPPORT FRAME**

**PELLA COLONIAL TRIM #31D0 (OPTIONAL)**

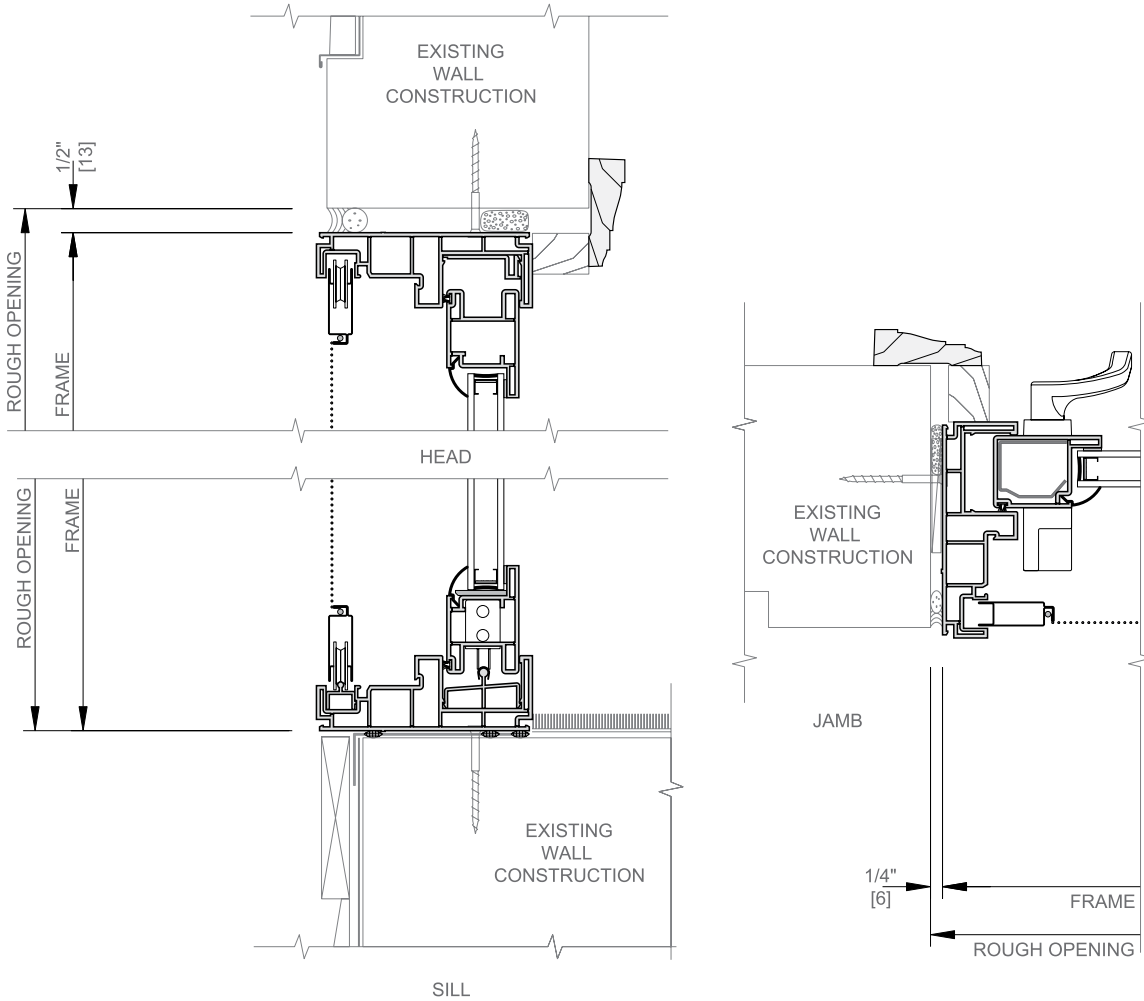
**INTERIOR FLAT TRIM BY OTHERS**

Scale 3" = 1' 0"

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**FLASHING BY OTHERS**  
Metal head flashing.  
Metal sill flashing.

Attach unit to wall construction with frame screws per the installation instruction.

**PELLA SMARTFLASH™ INSTALLATION TAPE AT SILL**

**BACKER ROD AND SEALANT BY OTHERS**  
Water-resistant backer rod & sealant.

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