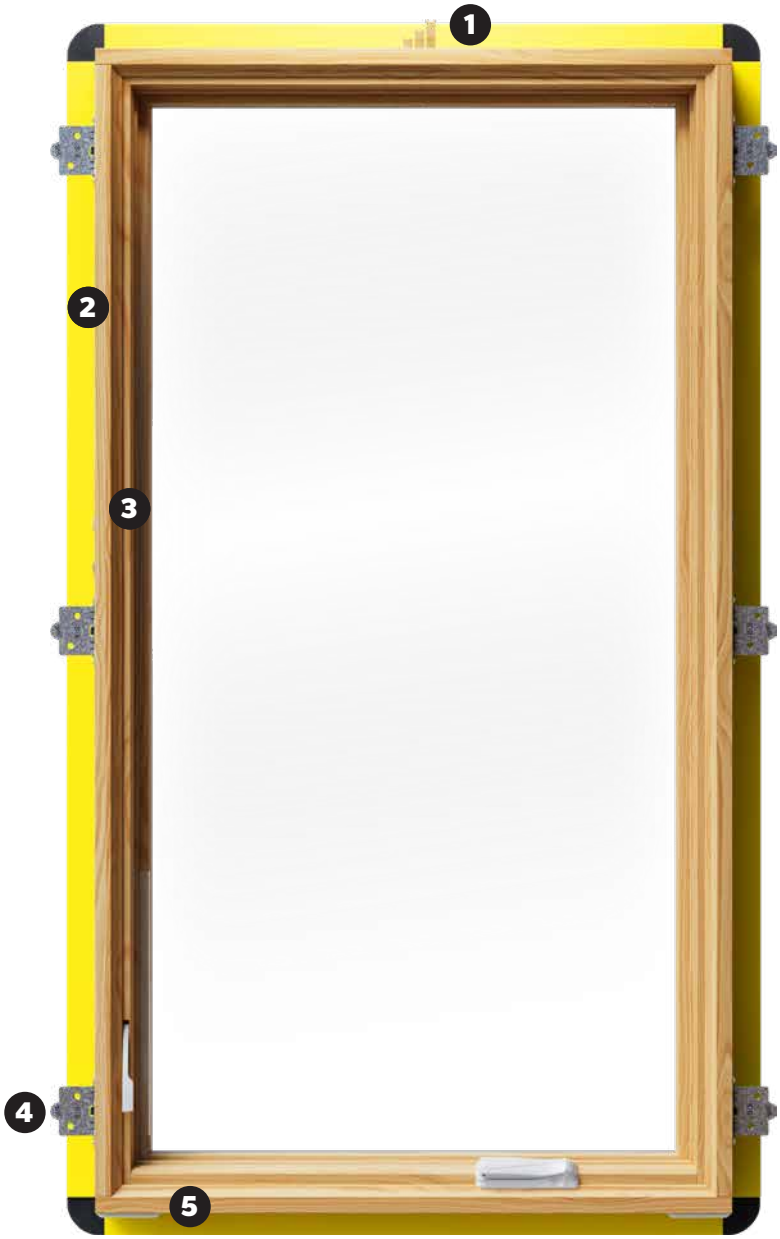
Pella® Steady Set™ Interior Installation System

Steady Set™ Components

INTERIOR VIEW



Head Stabilizer

DESIGNED TO ENGAGE WITH THE HEADER OF THE ROUGH OPENING TO HELP TEMPORARILY STABILIZE THE UNIT.

Flashing Fin

A POP-UP YELLOW EXTERIOR FIN CAN BE EASILY DEPLOYED AFTER THE WINDOW IS SET FOR INTEGRATION WITH THE EXTERIOR WEATHER BARRIER.

Shim Guide

THE SHIM GUIDE (IF APPLICABLE) COMES PRE-ATTACHED TO THE JAMBS OF THE UNIT AND ASSISTS THE INSTALLER BY HELPING TO HOLD SHIMS IN THE CORRECT LOCATION.

Installation Bracket

THE BRACKETS COME PRE-ATTACHED TO THE UNIT AND SIMPLY NEED TO BE CLICKED INTO THE RECEIVER TO BE INSTALL READY.

Sill Shims

PRE-APPLIED SILL SHIMS RAISE THE UNIT 1/4" OFF THE SILL ENSURING SPACE FOR FOAM OR SEALANT.

These instructions were developed and tested for use with wall systems designed to manage water. These instructions are not to be used with any other construction methods or window frame types. Installation instructions for use with other construction methods or frame types may be obtained from Pella Corporation, your local Pella® retailer or ***www.installpella.com***. Building designs, construction methods, building materials, and site conditions unique to your project may require an installation method different from these instructions and/or additional care. Determining the appropriate installation method is the responsibility of you, your architect, or construction professional.

IMPORTANT SAFETY AND PRODUCT INFORMATION – WINDOW

Safety Alert Symbol Reference: These symbols are intended to alert you to potential injury hazards and information. Obey all safety messages.

COULD Result in:	⚠ WARNING	**COULD** Result in:	⚠ CAUTION	**COULD** Result in:	NOTICE	**COULD** Result in:	IMPORTANT
	Major Injury/Death		Minor Injury		Product or Property Damage		Procedure and Product Info.

⚠ WARNING To ensure safety and security and help prevent property damage, including possible damage to your window or door, close and lock windows and doors any time they are not being used for venting on a nice day, and particularly during high winds or rain. Ensure all windows and doors are properly fastened to the wall structure according to the product anchor instructions. It is the responsibility of the Buyer or User, the architect, contractor, installer, or other construction professional to ensure the appropriate windows and doors are chosen for the project and the wall construction is designed to resist all loads in accordance with local building code requirements.

⚠ CAUTION Many windows and doors in older homes are painted with lead-based paint. Removal of old windows and doors may disturb this paint. Proper precautions must be taken to minimize exposure to dust and debris. Consult state or local authorities and/or go to www.epa.gov/lead for more information.

NOTICE Pella products must be stored in an upright, level position not exposed to weather. The storage must be ventilated and provide protection from direct sunlight and excessive temperature.

IMPORTANT NOTICE Because all construction must anticipate some water infiltration, it is important that the wall system be designed and constructed to properly manage moisture. Pella Corporation is not responsible for claims or damages caused by anticipated and unanticipated water infiltration; deficiencies in building design, construction and maintenance; failure to install Pella products in accordance with Pella's installation instructions; or the use of Pella products in wall systems which do not allow for proper management of moisture within the wall systems. The determination of the suitability of all building components, including the use of Pella products, as well as the design and installation of flashing and sealing systems are the responsibility of the Buyer or User, the architect, contractor, installer, or other construction professional and are not the responsibility of Pella.

Pella products should not be used in barrier wall systems which do not allow for proper management of moisture within the wall systems, such as barrier Exterior Insulation and Finish Systems (EIFS) (also known as synthetic stucco) or other non-water managed systems. Except in the states of California, New Mexico, Arizona, Nevada, Utah and Colorado, Pella makes no warranty of any kind on and assumes no responsibility for Pella windows and doors installed in barrier wall systems. In the states listed above, the installation of Pella Products in barrier wall or similar systems must be in accordance with Pella's installation instructions. Product modifications that are not approved by Pella Corporation will void the warranty.

CARE AND MAINTENANCE: Refer to the Pella Owner's Manual. Visit ***www.pella.com*** or your local retailer for more information.

CLEANING INSTRUCTIONS: Refer to the Pella Owner's Manual for comprehensive maintenance and cleaning information. Visit ***www.pella.com*** or your local retailer for more information.

GLASS: Remove any protective film and labels and clean the glass, using a soft, clean, grit-free cloth and mild soap or detergent. Be sure to remove all liquid by wiping dry or use a clean squeegee.

NOTICE DO NOT apply any other types of film to the glass. Doing so could void product warranty.

NOTICE Do not use solvents such as mineral spirits, toluene, xylene, naphtha or muriatic acid as they can dull the finish, soften the vinyl and/or cause failure of the insulated unit seal.

NOTICE Do not use Isopropyl Alcohol on laminated surfaces as it will damage the finish. Keep door tracks clear of dirt and debris. Keep weep holes open and clear of obstructions.

NOTICE DO NOT use abrasives. DO NOT scrape or use tools that might damage the surface.

NOTICE DO NOT use inappropriate solvents or brickwash or cleaning chemicals. If you do, permanent damage can result and the product failure, loss or damage would not be covered by the Limited Warranty.

INTERIOR FINISH (WOOD WINDOWS)

Paint or finish immediately after installation.

If products must be stored or cannot be finished immediately, cover with clear plastic to protect from dirt, damage and moisture. Remove any construction residue before finishing. Sand all wood surfaces lightly with 180 grit or finer sandpaper. DO NOT use steel wool. BE CAREFUL NOT TO SCRATCH THE GLASS. Remove sanding dust. Pella products must be finished per the below instructions; failure to follow these instructions voids the Limited Warranty.

Note: To maintain proper product performance do not paint, finish or remove the weatherstripping, mohair dust pads, gaskets or vinyl parts. Air and water leakage will result if these parts are removed. After finishing, allow venting windows and doors to dry completely before closing them. If paint, stain or finish gets on the weatherstripping, wipe it off immediately with a damp cloth.

WINDOW CLEANING AND PREP INSTRUCTIONS FOR UNFINISHED OR PRIMED WINDOWS: Dry wipe dust from windows gently. Examine window for possible smudges or fingerprints made from normal handling or construction. To remove smudges, lightly wipe surface with warm water. Scuff sand with light grade sand paper or abrasive pad (220 grit or higher). Rinse surface with warm water. Let window surfaces dry completely before applying finish.

- On casement and awnings, it is optional to paint, stain or finish the vertical and horizontal sash edges.
- On single-hungs and double-hungs, do not paint, stain or finish the vertical sash edges, any finish on the vertical sash edges may cause the sash to stick; it is optional to paint, stain or finish the horizontal sash edges.

Pella Corporation is not responsible for interior paint and stain finish imperfections for any product that is not factory-applied by Pella Corporation. For additional information on finishing see the Pella Owner's Manual or go to ***www.pella.com***.

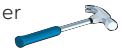
The use of unapproved finishes, solvents or cleaning chemicals may cause adverse reactions with door materials. Pella will not be responsible for problems caused by the use of unapproved materials. If in doubt, contact your local retailer or representative.

FULL FRAME REMOVAL WHEN PREPARING TO INSTALL A NEW STEADY SET WINDOW

This method of Full Frame Removal involves removing the sash and entire frame and interior trim or drywall return of the existing window from the wall. The resulting opening is the original rough opening. The exterior wall cladding is partially removed to allow integration of the new window flashing flange with the existing wall system's weather resistive barrier. **The interior would require drywall return or interior trim to be removed or modified to allow installation with the Steady Set brackets.**

⚠ CAUTION Many windows in older homes are painted with lead-based paint. Removal of old windows may disturb this paint. Proper precautions must be taken to minimize exposure to dust and debris. Consult state or local authorities and/or go to www.epa.gov/lead for more information.

TOOLS REQUIRED:

- Utility knife 
- Phillips and Standard screwdrivers 
- Pry bar 
- Circular saw 
- Hammer 
- Putty knife 

REMEMBER TO USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

EXISTING WOOD BRICKMOULD FRAME WINDOW

A. **Score paint or varnish** between the interior trim and the wall with a sharp utility knife.

NOTE: This will minimize the damage to the interior wall and trim.

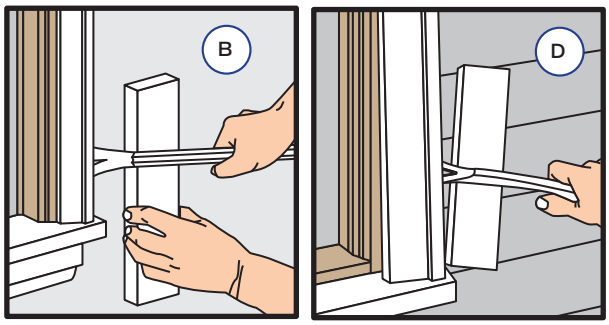
B. **Remove the interior trim.** Using a pry bar and block of wood, remove the interior trim from all four sides of the window including the stool at the bottom of the window. If the interior trim is being reused, pull the nails out through the back side of the board with nipper pliers.

C. **Cut the exterior sealant line** between the exterior brickmould or trim and the exterior siding or wall cladding.

D. **Remove the exterior brickmould** or flat trim using a pry bar and block of wood.

⚠ CAUTION Some windows may come out of the opening as the exterior trim is removed.

E. **Remove the window frame** using a pry bar if necessary.



EXISTING NAIL FIN WINDOW REMOVAL

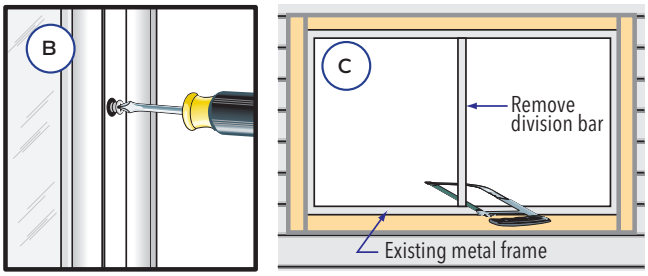
Sash Removal:

A. **Remove the vent sash and screen** from the old window.

B. **Remove the fixed sash.** In some cases, there are screws holding in the fixed sash. Remove the screws and take out the fixed sash.

Note: There may be a need to break the caulking free from around the fixed sash before it can be removed.

C. **Remove the division bar** by unscrewing the fasteners holding it to the frame. If the screws are not accessible, then use a hacksaw to cut the division bar off at the head and sill flush with the old window frame.

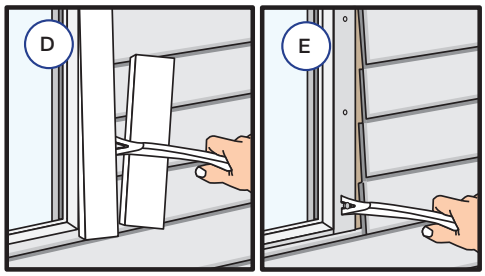


WINDOW WITH EXTERIOR TRIM

D. **Remove the existing exterior trim** (if applicable). Use a block of wood to protect the exterior wall material. Use a pry bar to remove the existing exterior trim.

E. **Remove the nails or screws** attaching the window nailing fin to the wall.

F. **Remove the window** from the opening.



WINDOW WITH NO EXTERIOR TRIM

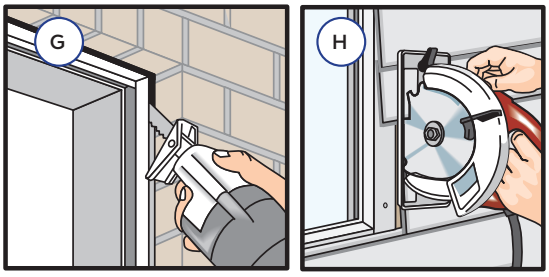
G. **Use a reciprocating saw to cut through sealant line and the nailing fin.**

OR

H. **Remove siding or cut back the siding** a minimum of 3" or far enough to expose the nailing fin. Remove the fasteners attaching the window to the wall.

Note: When cutting back the siding, set the saw blade depth 1/8" less than the thickness of the siding. Break the cut ends of the siding off after sawing. DO NOT cut through the existing building wrap.

I. **Remove the window from the wall.**



Consult with local providers and authorities to recycle or properly dispose of old window components.

PREPARING FOR STEADY SET™ WINDOW INSTALLATION

MATERIALS REQUIRED:

- Moisture resistant shims/spacers 
- Fasteners (See anchor instructions and tables at the end of this booklet.)
- Closed cell foam backer rod/sealant backer 
- Pella® SmartFlash™ foil backed butyl window and door flashing tape or equivalent 
- Low expansion, low pressure polyurethane insulating window and door foam sealant. **DO NOT** use high pressure or latex foams. 

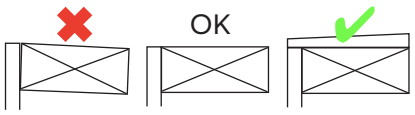
- Pella Window and Door Installation Sealant or equivalent high quality, multi-purpose sealant 

TOOLS REQUIRED:

- Tape measure 
- Level 
- Square 
- Hammer 
- Stapler 
- Air shim 
- Small pry bar
- Scissors or utility knife 
- Small flat blade screwdriver 
- Sealant gun 
- Screw gun with a Phillips driver bit
- Drill with 1/8", 5/32", 3/16" & 3/8" drill bits 
- Oscillating tool 

Other construction materials may be required. Read and understand the instructions and inspect the wall conditions before you begin.

⚠WARNING **Installation may require (2) or more persons for safety reasons.**



ROUGH OPENING VERIFICATION

A. **Confirm the opening is plumb and level.**

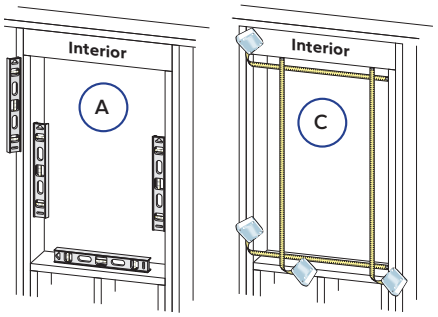
NOTICE It is critical the bottom is level and it does not slope to the interior.

B. **Remove dirt, oil or debris** from the opening and surrounding wall surfaces.

C. **Confirm the window will fit the opening.** Measure all four sides of the opening to make sure it is 3/4" to 1" larger than the window in both width and height. On larger openings measure the width and height in several places to ensure the header or studs are not bowed.

NOTICE 1-1/2" or more of solid wood blocking is typically required around the perimeter of the opening. Fix any problems with the rough opening before proceeding.

D. **For continuous exterior insulation panels up to 1" thick,** utilize standard installation methods. For insulating panels 1.5" to 2" thick, Pella Rough Opening Support Brackets or solid wood blocking is recommended. For insulated panel assemblies greater than 2.5" thick, wood blocking is required.



PREPARE THE WINDOW FOR INSTALLATION

⚠CAUTION Some components have sharp edges that may cause lacerations. Wear gloves or take care when unpackaging the window.

E. **Remove plastic wrap and cardboard packaging from window.** DO NOT cut checkrail bands (if present) or remove plastic or foam shipping spacers located between the window sash and frame. DO NOT open the window until it is securely fastened.

IMPORTANT DO NOT remove the fin cover at this time.

F. **Inspect the product for any damage** such as cracks, dents or scratches. DO NOT install damaged windows.

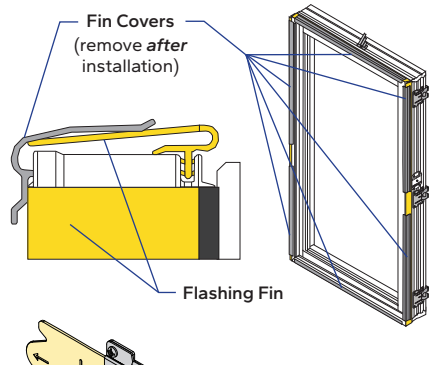
G. **Remove screens and hardware** (if necessary). Label them and set them aside in a protected area.

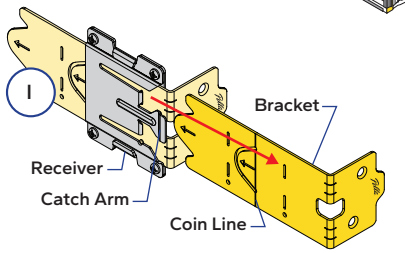
H. **For Replacement applications, the 2x4 and 2x6 Brackets would require a section of drywall or interior finish to be removed to allow for mounting directly onto the interior surface of the studs.** Existing 7/16 sheathing would also be required to allow the correct placement of the fold-out flashing fin.

Note: The 2x4 and 2x6 Brackets can accommodate up to ~5/8" exterior sheathing thicknesses due to the flexible portion of the flashing fin, however exterior window frame projection would reduce by ~1/8".

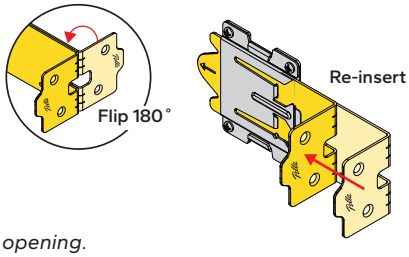
Use the Adjustable Bracket, if removing a section of drywall or interior finish is not desired, or if the existing wall did not utilize 7/16" sheathing. As an installer may not know the existing wall system's construction before removing the existing windows, it is recommended to have Adjustable Brackets available to provide options for an installer.

Interior casing or trim at least 2-1/4" wide is recommended to cover the interior of the Steady Set Brackets.





I. **Engage the Steady Set Brackets.** The brackets arrive on the window either stowed in a shipping orientation in each Receiver, or in a skin card attached to the window corner(s). Remove the brackets and insert into each Receiver. **They must audibly click and be fully engaged with the Receiver Catch Arm.**



NOTICE If necessary to remove a bracket after it has been clicked into the receiver, gently lift the receiver catch arm with a flat head screwdriver to allow removal. Take care to not over-bend the catch arm. Over-bending the catch arm may not allow the catch arm to re-engage the brackets.

Note: Any brackets on the bottom of the window can be removed and reinserted after window is partially set into the opening.

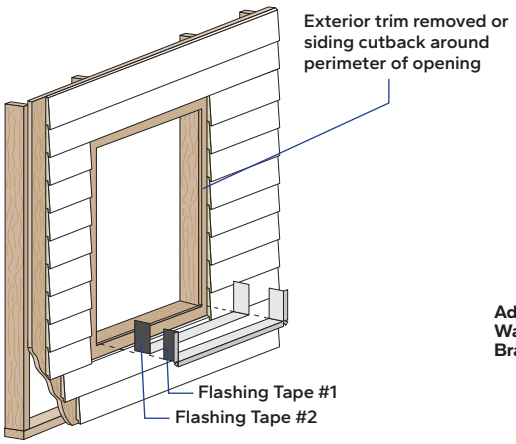
⚠WARNING Brackets must fully engage the receiver. If receiver catch arm has been bent or damaged, attempt to correct the bend by lightly tapping catch arm flat with a hammer. If the catch arm still does not engage the brackets, refer to the anchor page for alternative window attachment methods or replace the receiver.

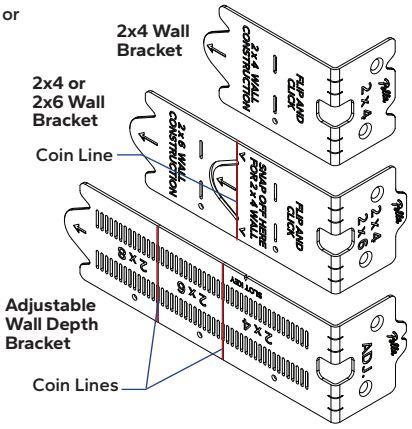
See the anchor instruction pages at the end of this booklet. Additional preparation may be required for the performance upgrade, impact-resistant products or to comply with local building code requirements.

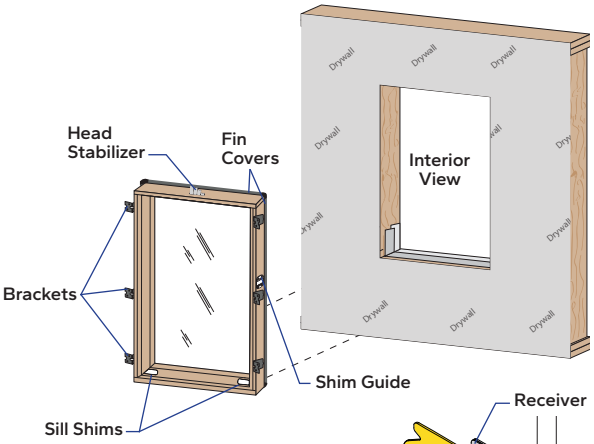
J. **Read the entire instruction before proceeding.**

FULL FRAME REPLACEMENT WITH STEADY SET™ WINDOW INTERIOR INSTALLATION SYSTEM

INSTALLATION OF NEW WINDOWS AFTER THE REMOVAL OF EXISTING WINDOWS AND THE SURROUNDING EXTERIOR TRIM OR SIDING AND INTERIOR TRIM OR DYRWALL RETURN







1 PREPARE THE OPENING

Refer to the existing frame removal instruction and installation preparation sections at the beginning of this booklet.

Note: For non-rectangular openings, refer to the end of this booklet.

A. **Repair the wall surface around the opening** (if necessary) by installing new blocking flush with the surface of the existing sheathing and/or repairing the existing building wrap with flashing tape.

B. **Cut 2 pieces of flashing tape** 12" longer than opening width.

C. **Apply sill flashing tape #1** extending far enough onto the wall surface to overlap the building wrap 1" or onto the top edge of the siding and 6" up each jamb.

D. **Cut 1" wide tabs at each corner** by tearing the foil 1/2" each way from corner.

E. **Apply sill flashing tape #2** overlapping tape #1 by 1" minimum.

If existing building wrap is folded into the opening at the jambs, skip to step 1H.

F. **Cut 2 pieces of flashing tape.** Make one equal to the height of each side of the opening.

G. **Apply one piece on each jamb starting 1"** from the exterior of the framing, over the edge of the sheathing and onto the surface of the sheathing.

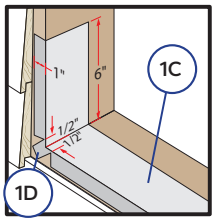
Note: Press all flashing tape down firmly.

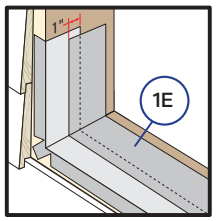
H. **Apply a continuous 3/8" tall bead of sealant** 1/2" from the edge of the opening at the sides and top only. **Do NOT** apply sealant at the sill. This step may be omitted if there will be at least 3.5" of original weather resistive barrier in good condition between the edge of the window frame and the siding after installation.

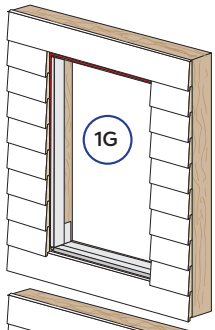
Note: Skip Step I if using Adjustable Brackets.

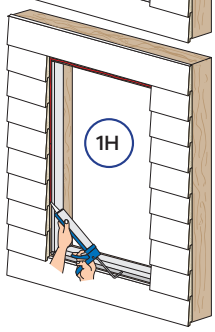
I. **If existing wall system has 7/16 exterior sheathing and 2x4 or 2x6 studs allowing use of the 2x4 or 2x6 Steady Set Brackets,** mark where each Steady Set bracket will mount to the interior of the stud. Use the new window and factory applied Steady Set Receivers as a guide. Cut and remove a 1.5" wide by 3" tall section of drywall.

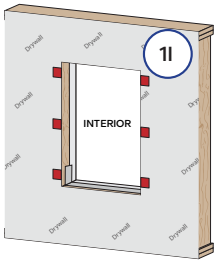
Note: An oscillating tool is recommended.











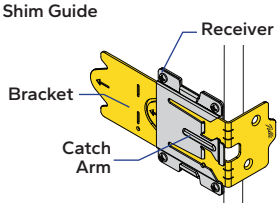
2 PREPARE THE WINDOW

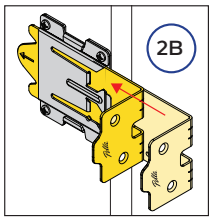
A. **Remove packaging from the window.**

IMPORTANT DO NOT remove the fin covers.

IMPORTANT Verify brackets match wall construction depth.

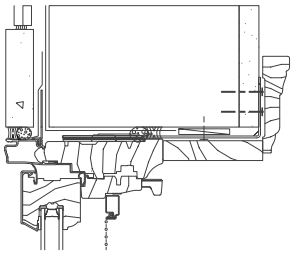
B. **Engage the brackets into the receivers.** Refer to page 3, *Prepare the Window For Installation*, for additional information.





If using the Adjustable Brackets and mounting over the interior drywall surface, mount each bracket flush to ~1/8" short of flush to the factory applied jamb extensions, if applicable.

This will allow the interior casing to be applied over the brackets and against the jamb extensions.



WARNING Verify brackets have fully engaged the receiver. Each should audibly click when engaged. **DO NOT** continue to step 3 until top and side brackets are engaged.

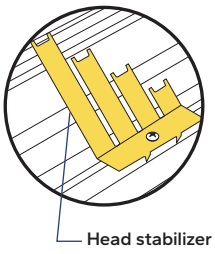
3 SETTING AND FASTENING THE WINDOW

A. **Insert the window into the opening.** From the interior, set the window and push it towards the exterior until the brackets set flat against the inside of the wall.

IMPORTANT Verify head stabilizer engages the header.

Note: There may be some resistance from the head stabilizer as it engages the opening header.

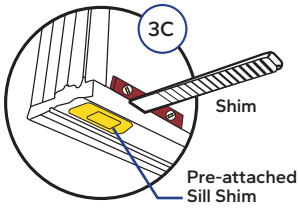
NOTICE If removal of window from opening is required, lift window and slide bottom of window towards the interior.



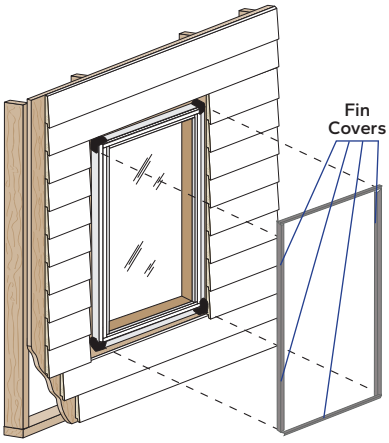
CAUTION Never leave a window unattended. Head stabilizer does not fully secure window in the rough opening and may not engage header in all conditions.

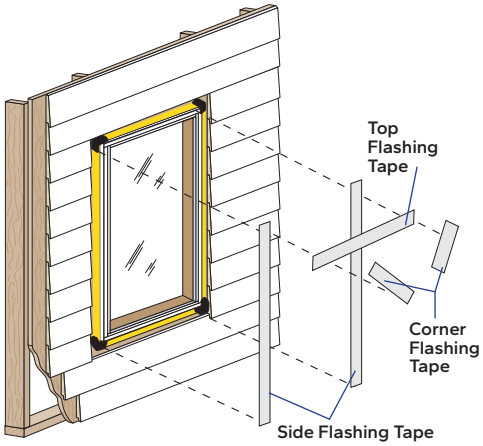
B. **Center the window** within the opening.

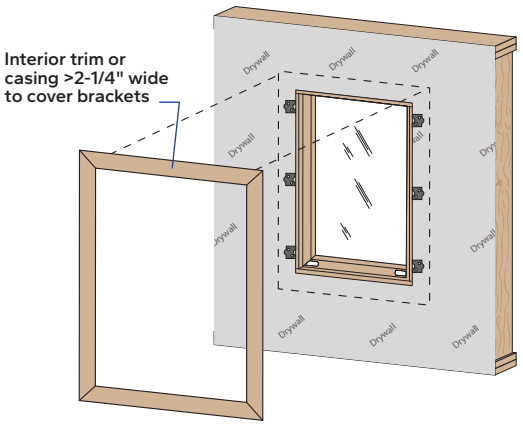
C. **Level the window sill.** If necessary, place shim under appropriate pre-attached sill shim on the window sill. Place additional shims under each vertical mullion or between the pre-attached sill shims as necessary to straighten window sills.



NOTICE Improper placement of shims may result in bowing the bottom of the window.

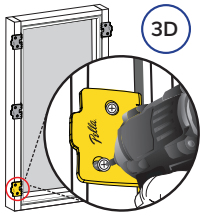






3 SETTING AND FASTENING THE WINDOW
CONTINUED

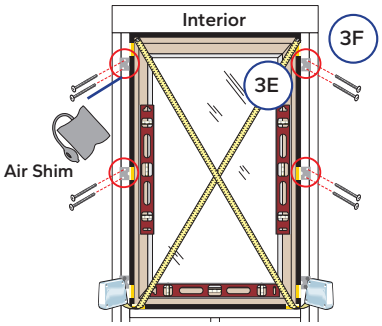
D. **Attach two bottom brackets.** Drive two (2) #8 x 2" flat head screws through the bracket and into the wood framing to anchor the window.



E. **Level and plumb the window jambs.** Add shims or use an airbag as necessary to create an even sash-to-frame reveal and hold window level and square. Measure diagonally to verify.

Double Hung: Shim at each end of the checkrail.

NOTICE **DO NOT** shim above the window. Additional shims may be required at screw locations for large units and combinations. Refer to anchor instructions near the end of this booklet.



F. **Attach remaining brackets.** Drive two (2) screws through each remaining bracket and into the wood framing. **Refer to the anchor instructions near the end of this booklet.**

⚠ WARNING All brackets must be properly anchored to the wall structure before leaving window unattended.

G. **Check window operation.**

Vent Awning and Casement: Refer to applicable hardware instructions. Unlock and open the window to remove the shipping spacers. Open and close the window to test for proper operation.

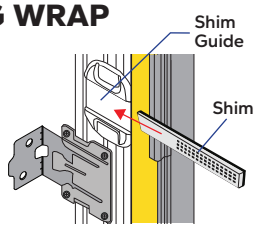
Double-Hung: Cut the checkrail bands (if applicable) and remove shipping spacers. Open, close, and tilt the sashes to test for proper operation. Check for equal sash-to-frame reveal from top to bottom.

Note: For Double Hung windows ≥ 37", a sill straightening clip is provided. Bring the clip to the exterior to assist with straightening the sill, if necessary.

IMPORTANT Adjust shims to correct any issues with plumb, square, operation or reveal. If necessary, secure window frame to ensure window placement and sash-to-frame reveal is maintained.

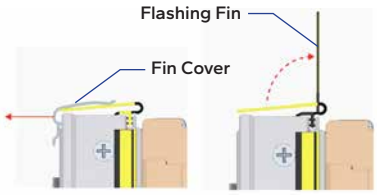
4 INTEGRATING THE BUILDING WRAP

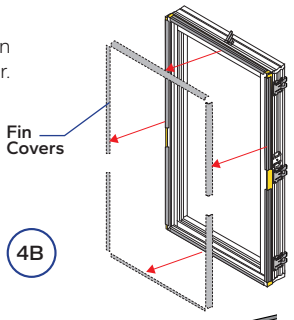
A. **Straighten the frame** (if necessary). From the exterior, create an even sash to frame reveal by inserting a shim into the shim receiver pre-attached near the center of the window jamb on the window frame (if applicable).



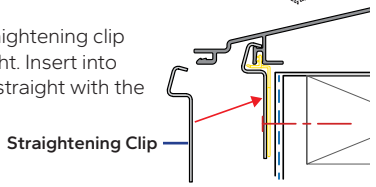
4 INTEGRATING THE BUILDING WRAP
CONTINUED

B. **Remove the fin covers.** Ensure the flashing fin folds out against the weather resistive barrier.





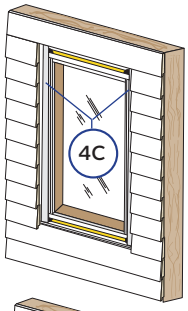
For DH units ≥ 37": Use the sill straightening clip (if necessary) to hold the sill straight. Insert into the sill channel and secure the sill straight with the provided screws.



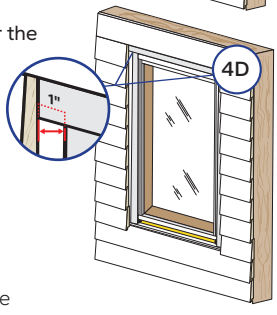
NOTICE Check the flashing fin and fin corners for damage. Add flashing tape if necessary to repair damaged fins or fin corners.

Note: For non-rectangular windows, refer to the corner flashing steps at the end of this booklet.

C. **Apply straight side flashing tape.** Cut two pieces of flashing tape 4" taller than straight sides. Apply tape over the fin and onto the weather resistive barrier. Extend tape 2" above and below straight sides.
Angle top units: On the short side, do not allow the side tape to extend higher than what the top tape will cover.



NOTICE DO NOT apply continuous sealant under the sill fin. DO NOT apply flashing tape over the sill fin.



D. **Apply top flashing tape.**
Cut one piece of flashing tape to extend 1" past both side flashing tapes.

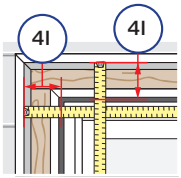
E. **Install head wall flashing if none exists,** properly incorporating it with the wall siding and weather resistive barrier according to applicable code requirements.

F. **Install exterior trim or siding,** or blocking for frame expander and receptor, if applicable.

G. **Install exterior sealant.**

H. **Install interior sealant.** Refer to the interior and exterior sealant instructions at the end of this booklet.

I. **Install frame expander and receptor,** if applicable. See separate instructions.



STEADY SET™ INTERIOR WINDOW ANCHOR INSTRUCTIONS

Note: Standard performance only. Additional anchoring may be required for performance upgrade, impact-resistant products or to comply with local building code requirements.

Pella® Reserve and Lifestyle Series Steady Set™ Anchor Intructions

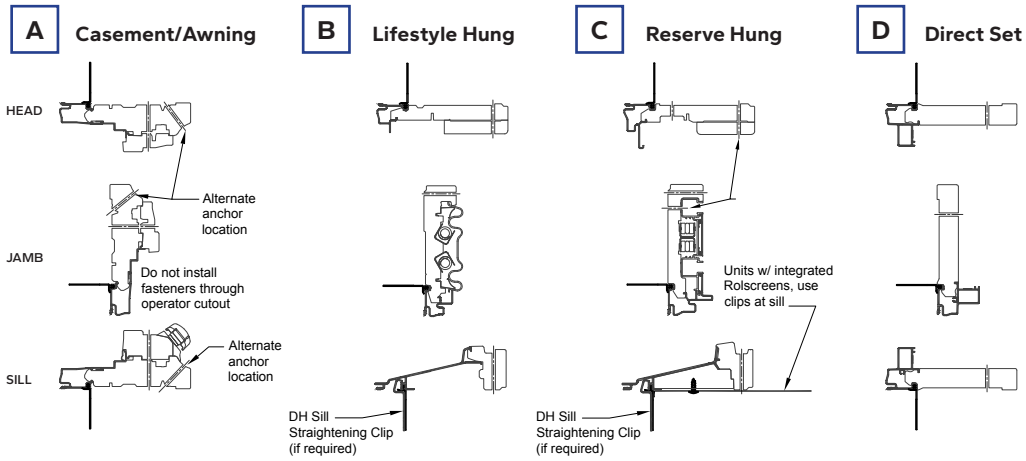
Product Type	PG*	Max. Frame Width	Max. Frame Height	Anchor Type: Wood	Special Notes	Diagram Reference
Casement / Awning / Fixed Sash in Frame	≤50	73"	73"	(2) #8 x 1-1/2" Flat Head Wood Screws per Bracket**		A
		>73"	>73"		Add #10 x 3-1/2" screws through frame or installation clips at one-third points along the head and jambs.	A.1
Simulated- / Single- / Double-Hung	≤50	All	All		Shim appropriately at the checkrails for optimum performance.	B, C
Direct Set	≤50	60"	60"			D
	≤40	>60"	>60"		Add #10 x 3-1/2" screws through frame or installation clips at one-third points along the head and jambs.	D.1
	>50	All	All		Add #10 x 3-1/2" screws through frame or installation clips 6" from corners and 16" on center.	D.2
Combinations with Standard Joining / Reinforcement Plate Mullions	≤50	96"	96"		Each bracket at a mullion end can support up to 200lbs of mullion end load. When mullion end load exceeds capacity of provided bracket(s), add screws through frame or installation clips spaced every 3" as required.	E
Combinations 1/2" Aluminum / Wood Spread Mullions	≤50	144"	144"			

* Product PG may vary based on ordered glass type or frame size. Confirm project requirements with local structural engineer or consult your local Pella representative.

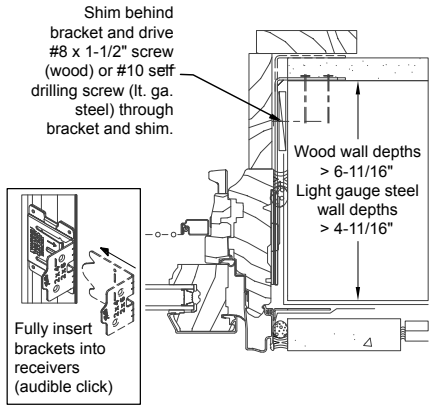
** For Replacement applications with bracket attached over the interior drywall, increase fastener length by the thickness of the drywall. Add perpendicular fastener for Adjustable brackets in wall depths exceeding 6-9/16" or supplement with #8 trim screws through the window frame.

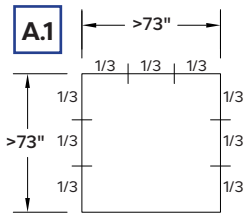
Note: For any receiver catch arm that does not click into the L brackets, supplement the L bracket attachment with (2) #8 x 3-1/2" trim screws through the frame or attach a standard installation clip above or below the receiver.

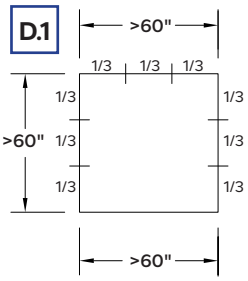
1/8" PILOT HOLE LOCATIONS WHEN #10 THRU-FRAME SCREWS ARE REQUIRED

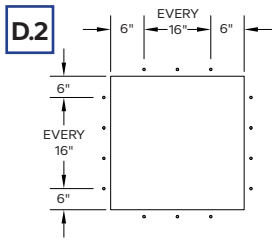


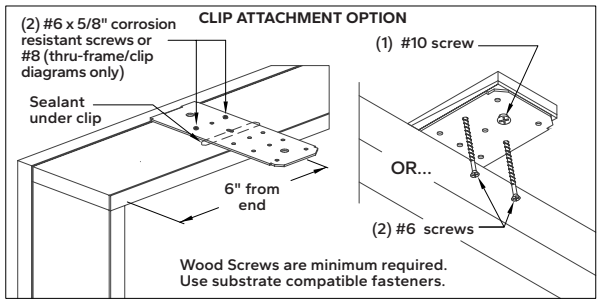
ADDITIONAL ANCHOR FOR DEEP WALL DEPTHS





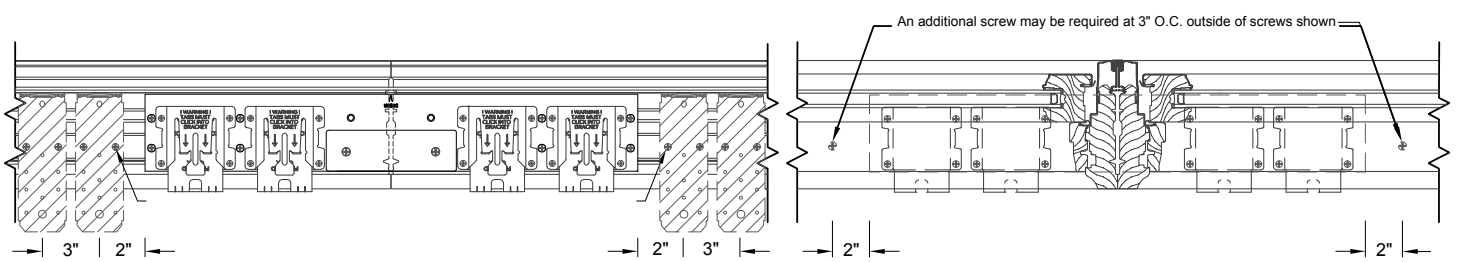




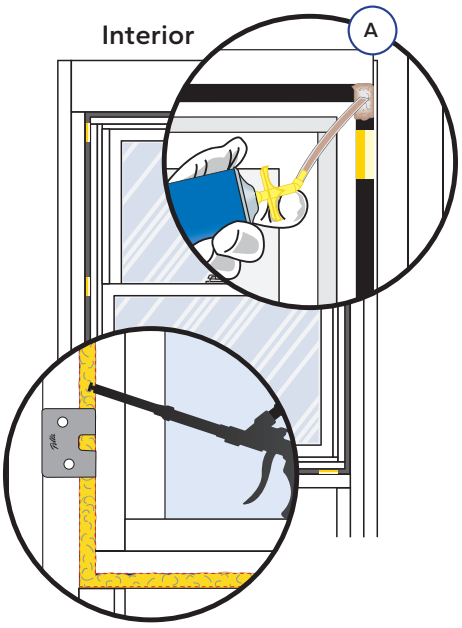


ADDITIONAL MULLION END ANCHOR SPACING DIAGRAM (IF REQUIRED)

E



Interior Sealant Instructions



NOTICE Continuous backer rod (as necessary) and a high quality, low-odor interior sealant such as Pella Window and Door Installation Sealant (or equivalent) is recommended for commercial or high performance installations to create the continuous interior seal. Follow the directions on the cartridge. For standard performance or products with factory applied jamb extensions, use low pressure polyurethane insulating foams. Follow the directions on the can. Do not use high pressure or latex foams. Fiberglass batt or similar insulation is not recommended as it can absorb water and does not act as an air seal.

A. **Insert the nozzle or straw** between the rough opening and window frame from the interior. Use pliers (if necessary) to compress the end of a straw tube to allow it to fit in tight openings or extend beyond factory applied jamb extensions.

B. **Place a 1" deep bead of foam** approximately 1" from the interior of the frame to allow for expansion.

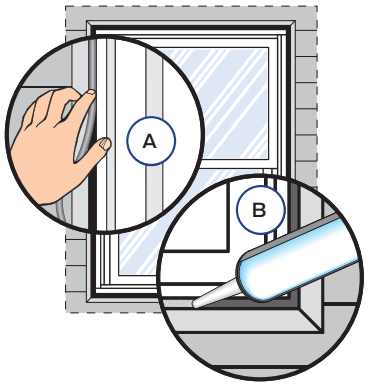
NOTICE DO NOT fill the entire depth of the rough opening cavity. Leave exterior one-third (1/3) of cavity open. Apply foam between the frame and rough opening flashing materials, NOT between jamb extensions and the rough opening.

Note: For products with Steady Set™ anchorage brackets, inject foam within and around brackets.

C. **Re-check window operation** and remove remaining shipping spacers after foam installation. Excess foam may be removed with a serrated knife after it cures.

D. **To ensure a continuous interior seal,** apply sealant over or around any shims, installation brackets, or Steady Set brackets interrupting the foam seal.

Exterior Sealant Instructions



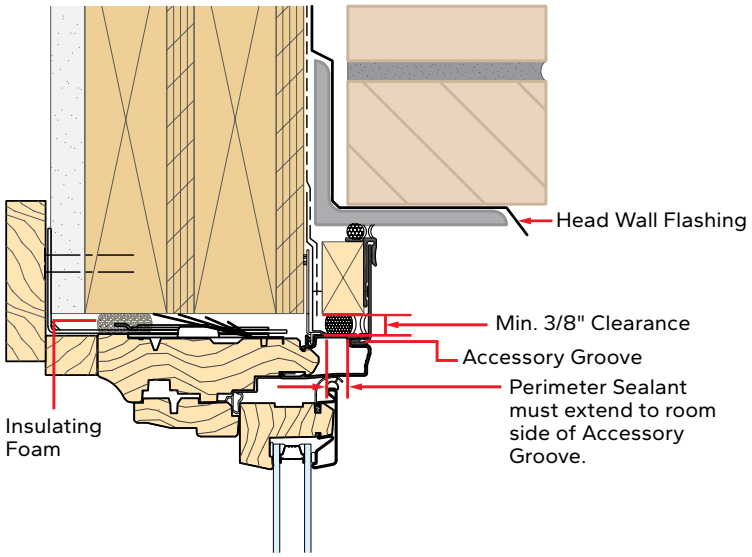
NOTICE Use a high quality, multi-purpose exterior sealant such as Pella Window and Door Installation Sealant. Follow the directions on the cartridge.

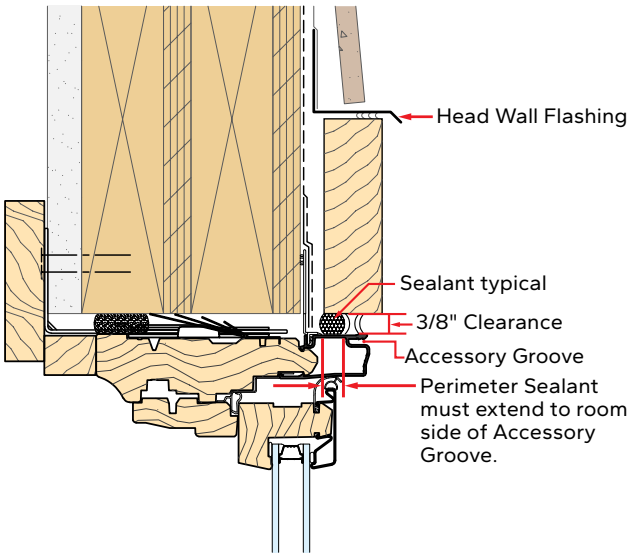
When applying wall cladding exterior finish materials, leave adequate space between the window frame and the material for application of sealant.

A. **Insert backer rod 3/8" deep** in the space around the window. Backer rod adds shape and controls the depth of the sealant line.

B. **Apply a continuous bead of sealant** to the entire perimeter of the window.

C. **Shape, tool and clean excess sealant.** When finished, the sealant should be the shape of an hourglass.



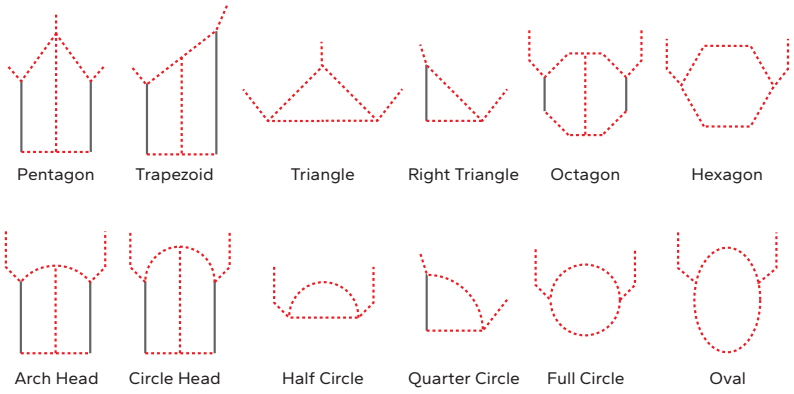


STEADY SET™ INTERIOR INSTALLATION SYSTEM
NON-RECTANGULAR WINDOW CORNER FLASHING

Angle top and curved top windows ordered with Steady Set™ may not include the head stabilizer or the shim guide, as window orientation and rough opening structure may vary.

Non-rectangular windows are provided with self-adhering flexible foam corners, to assist the installer with flashing and sealing around various window corner angles. The corners are provided in a bag that is taped to the interior surface of the glass.

EXAMPLES OF BUILDING WRAP CUT PATTERN FOR COMMON SHAPES:

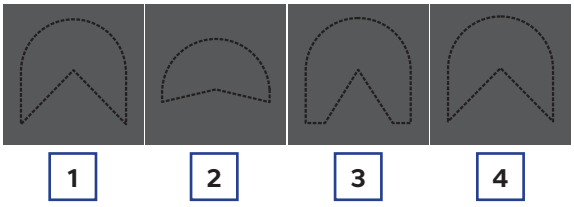


Alternatively, a box cut pattern (cutting the building wrap tight to the rough opening on all sides) and returning flashing tape into the opening is acceptable.

MATERIALS SUPPLIED:

- Flexible Foam Corners (provided, adhered to glass)

Example



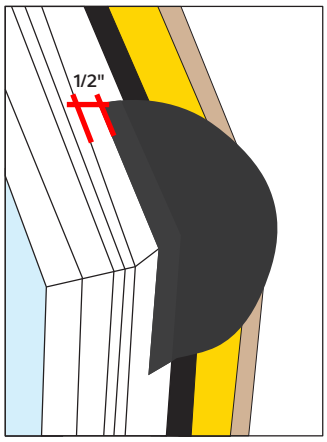
NON-RECTANGULAR WINDOW CORNER FLASHING

A. **Remove the bag adhered** to the interior surface of the glass and take it with you to the exterior, when ready to integrate with the weather resistive barrier.

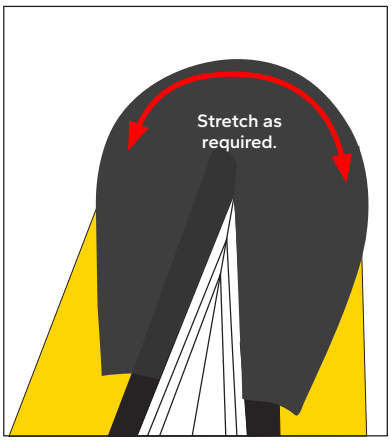
B. **After the fin covers are removed and flashing fin is folded out,** apply the foam corner pieces. Begin by applying it onto the window frame approximately 1/2" from the exterior, and press it out onto the flashing fin, weather barrier, and/or exterior surface of the wall.

Note: Each corner is identified numerically. #1 represents the lower left corner. Numbering method continues clockwise around the remaining window corners.

Note: For tight angle (acute) corners, the precut foam corner is intended to be stretched around the corner, to reduce bunching.



Obtuse example.



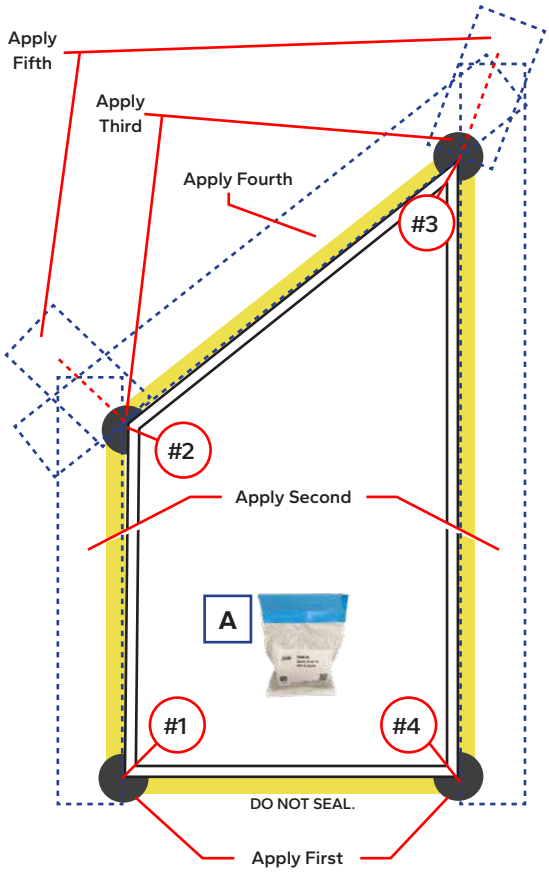
Acute example.

C. **Repeat for the remaining corners,** sequencing installation with the flashing tape in water shed fashion.

NOTICE Ensure the foam corner pieces and flashing tape has been wet out completely.

NOTICE DO NOT apply continuous sealant under or flashing tape over the sill flashing fin.

Example Installation Sequence Diagram



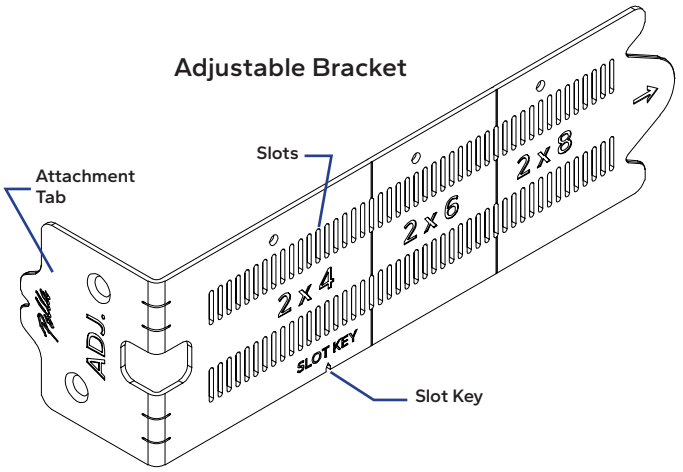
Pella® Steady Set™
Adjustable Flip and Click Bracket Instructions

TOOLS REQUIRED:

- Marker
- Framing square or level
- Flat head screwdriver or small pry bar

Pella's Steady Set Interior Installation method is designed to install windows from the interior of the structure. The Flip and Click L-Brackets are designed to insert and click into each of the receivers pre-attached on the window frame, locate the window at the necessary projection within the wall assembly, and anchor the window to the wall structure. There are brackets designed for 2x4 and 2x6 wall construction with 7/16" exterior sheathing. The adjustable brackets are designed for varying wall constructions ranging from 3-1/2" to 8-3/4".

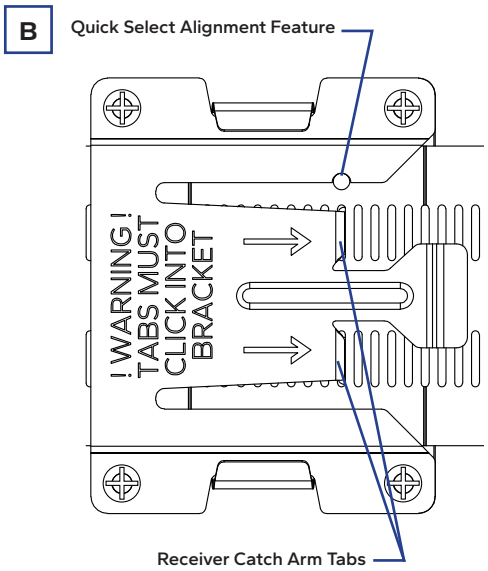
Adjustable Bracket



ADJUSTABLE BRACKET DIAGRAM

A. **The adjustable bracket contains 46 pairs of slots spaced at 1/8" increments.** The slots will engage the bracket receiver catch arm tabs. Select or mark the appropriate slot (refer to the instructions on the following page) necessary for the project application.

B. **The three (3) holes in the bracket align with slots** that are for 2x4, 2x6, and 2x8 applications with exterior 7/16" sheathing and interior 1/2" drywall (drywall thickness applicable if ordered with factory applied jamb extensions). The hole aligns with a notch in the receiver base, for a quick-select option for traditional or more typical wall construction depths.

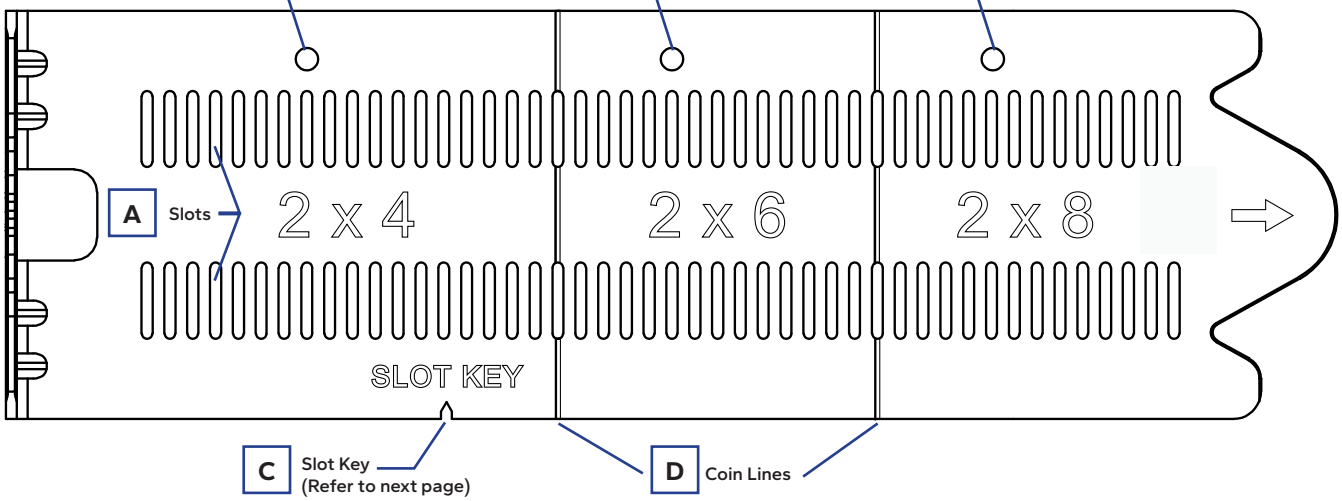


B Quick-Select Holes

2x4 construction with exterior 7/16" sheathing (if used with interior 1/2" drywall) results in 4-9/16" overall wall depth.

2x6 construction with exterior 7/16" sheathing (if used with interior 1/2" drywall) results in 6-9/16" overall wall depth.

2x8 construction with exterior 7/16" sheathing (if used with interior 1/2" drywall) results in 8-5/16" overall wall depth.



C. **The Slot Key allows the installer to use a bracket as a gauge device** to find the appropriate slot to mark on the brackets to be used for window attachment and anchoring (refer to the instructions on the following page).

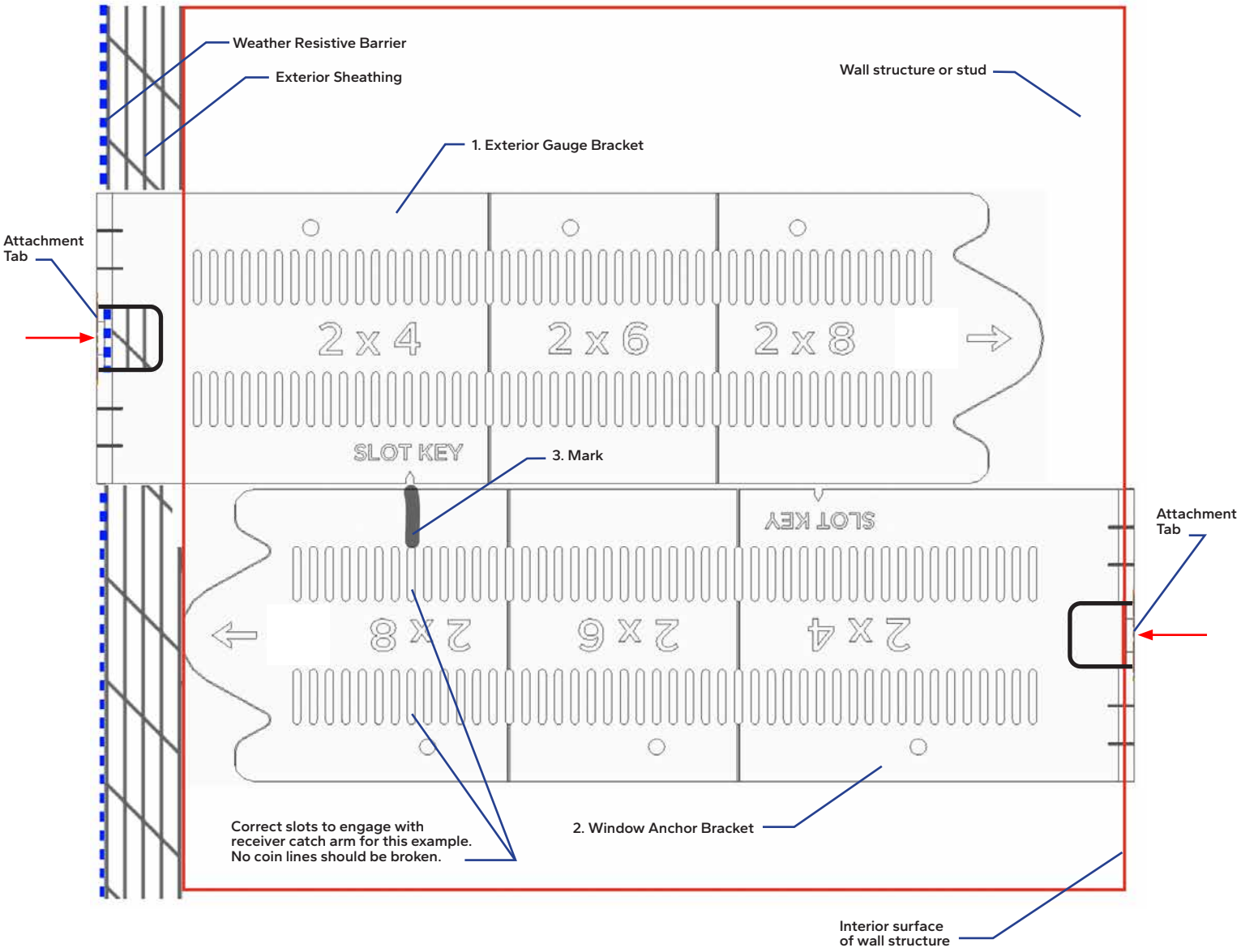
D. **The two (2) coin lines allow for the bracket to be shortened for narrower wall depths.** Bend to break the bracket at the first coin line to the right of the slot (for the above bracket orientation) if required.

HOW TO SELECT THE APPROPRIATE SLOT TO CLICK INTO RECEIVER

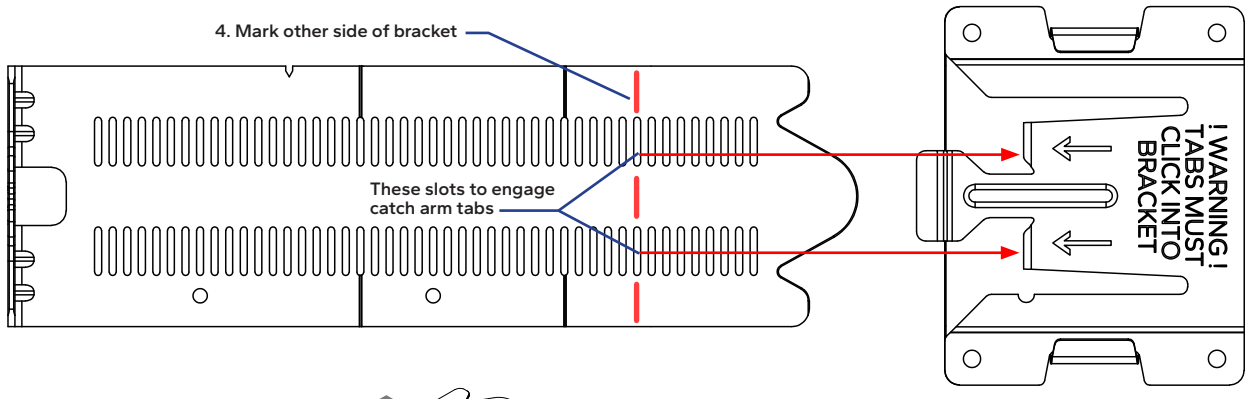
1. **Hold one (1) bracket,** which will be used as a gauge bracket, with the attachment tab held tight to the exterior of the wall. This should be the exterior plane of the wall that the flashing fin will be flashed and integrated with (typically the weather resistive barrier).

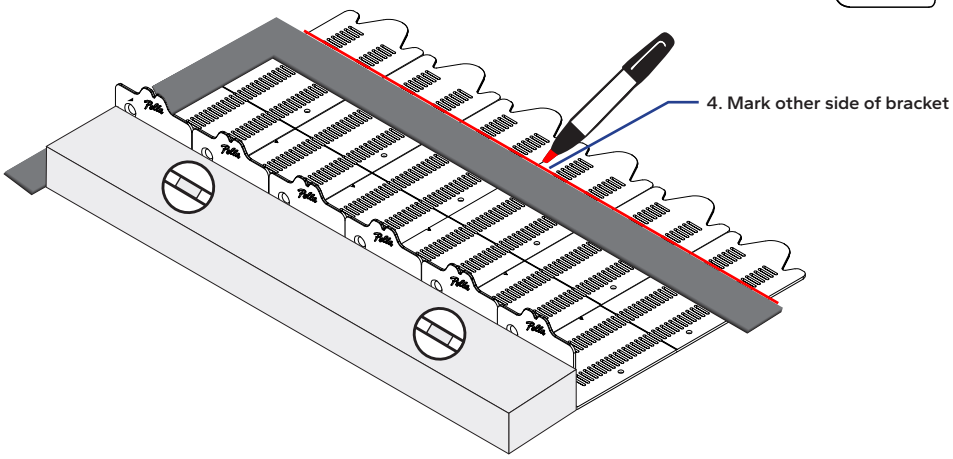
2. **Place another bracket,** which will be the window anchor bracket inserted later into the receiver for installation of the window, flipped 180 degrees and directly below the first bracket, with the attachment tab held tight to the interior of the wall structure. This is the interior plane of the wall that the adjustable bracket will be anchored to (typically the interior surface of the wall studs).

3. **While ensuring both tabs are held tight to each side of the wall,** mark the lower window anchor bracket slots that align with the Slot Key on the upper gauge bracket. **The marked slots on the lower bracket will be the the slots that should engage the receiver's catch arm.**



4. **Transpose the mark to the other side of the bracket,** and mark the additional window anchor brackets necessary to complete one window install. This will allow the mark to be visible while inserting into the receiver and aligning with the receiver catch arm tabs. **TIP:** Align all bracket tabs and use a straight edge (level or framing square) to mark multiple brackets at once.

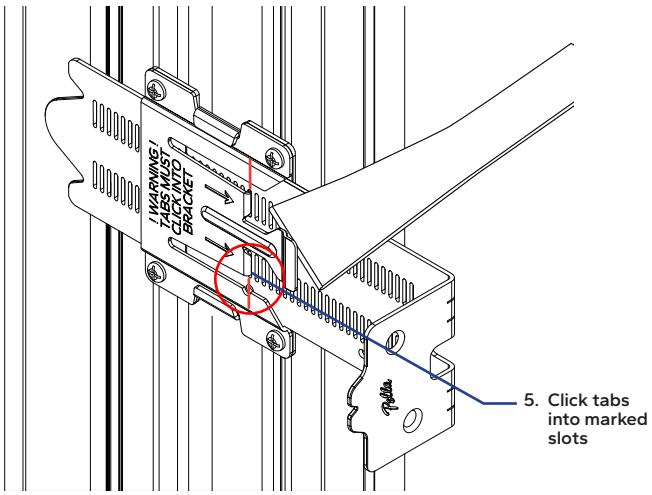


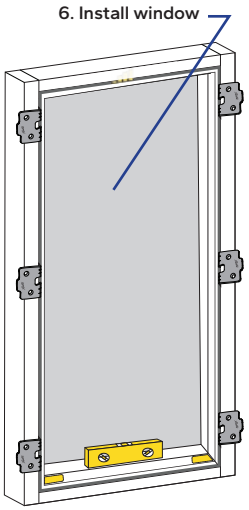


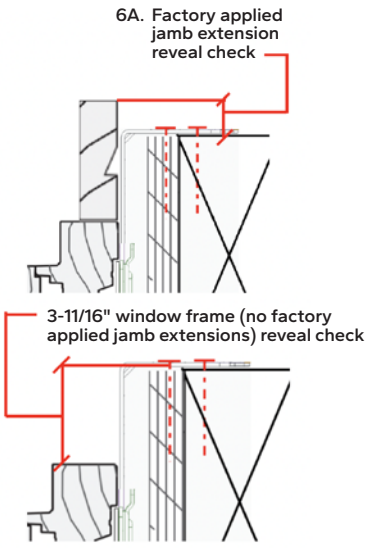
5. **Engage each bracket with the corresponding receiver catch arm tabs.**
TIP: Use a flat head screwdriver or small pry bar. Slide under the receiver catch arm and slightly twist. This helps to hold the receiver catch arm up, while selecting the appropriate slots. Take care to not over-bend or lift the catch arm tab farther than necessary, or it will not click down to properly engage the bracket slots.

6. **Install the window.** Refer to the Quick Start Guide on the glass or the installation booklet for Steady Set window installation instructions.

   A) Check for the correct interior reveal (it should match the expected drywall thickness if factory jamb extended, or measure from inside of window frame to inside of wall structure).



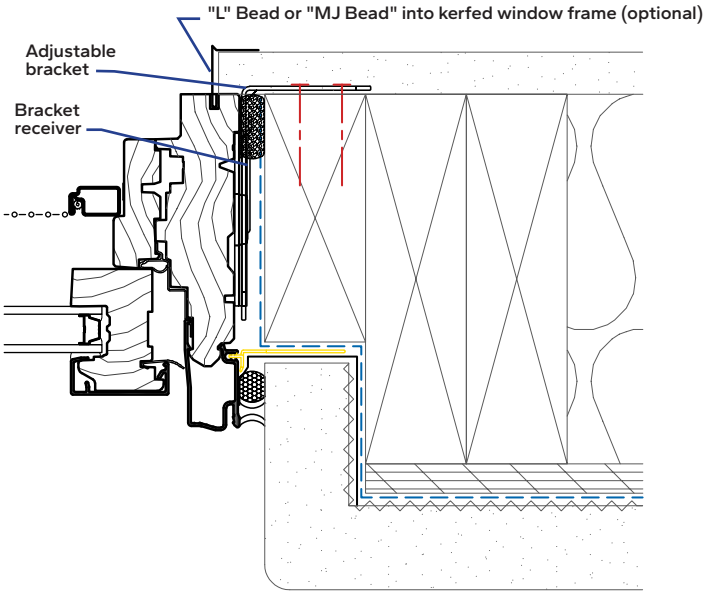




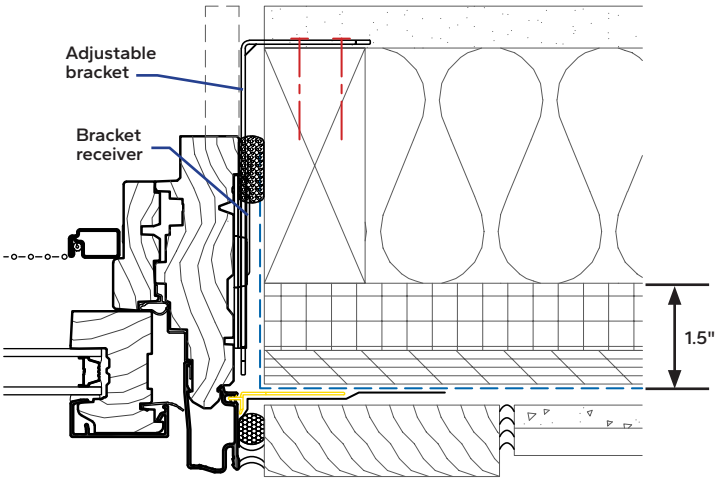
   B) Ensure the exterior flashing fin is correctly able to be integrated with the weather barrier.

Example Installation Details

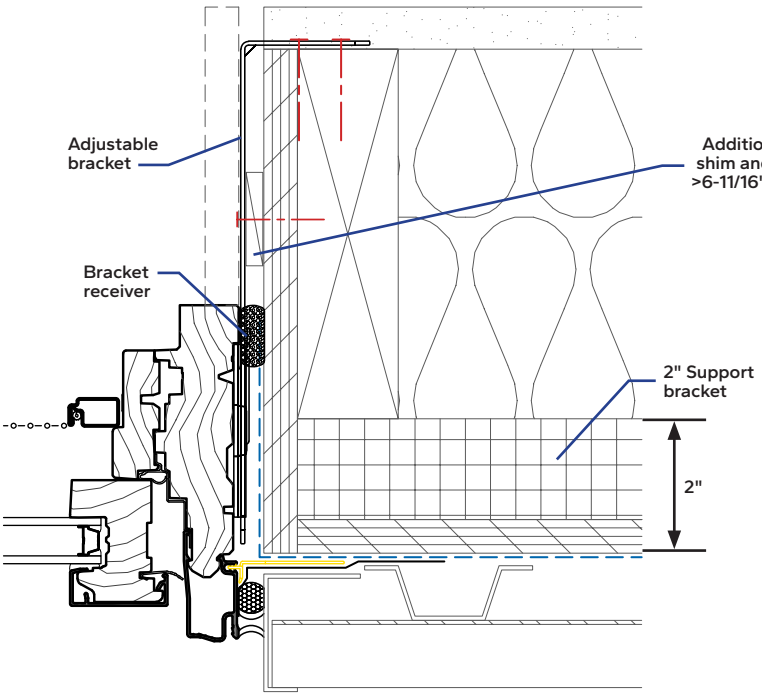
2x4 Recessed Buck within 2x6 Wall Structure



2x4 with Zip R6 Insulated Sheathing



2x6 with Zip R9 and Zip 7/16" Sheathing Returned into Opening



Wood Buck in Masonry Construction