

SERIES 5500

ADVANCED AND ALTERNATE INSTALLATION INSTRUCTIONS



Part NO. Y557

February 2013

WHERE WINDOWS ARE JUST THE BEGINNING®



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S-5500 ADVANCED INSTALLATION INSTRUCTIONS

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Note: This document is to be used in conjunction with the standard installation instructions.

Note: These installation instructions are a supplement to the approved final shop drawings and are to be used in conjunction with those drawings.

Minimizing Condensation

Note: Please reference EFCO's "Understanding Condensation" brochure which can be obtained through your EFCO representative.

Condensation will form on any surface when unfavorable conditions (interior temperature and relative humidity and exterior temperature) are present. When the formation of excessive condensation is a concern, it is highly recommended that a design professional is utilized to perform an analysis of the shop drawings to recommend the best possible installation methods. Please contact your EFCO representative for information on EFCO's Thermal Analysis Services.

Many current installation practices lead to an increase in the possibility of the formation of condensation. Though not all inclusive, the list of examples below illustrates conditions under which condensation is likely to occur:

1. Bridging system thermal break with non-thermally broken metal flashing or lintels that are exposed to the exterior
2. System exposure to cold air cavities
3. Interior relative humidity levels not maintained at recommended levels, see EFCO's "Understanding Condensation" brochure
4. Inadequate separation between system and surrounding condition at perimeter
5. Product combinations during the shop drawing stage that result in bridging thermal breaks of one or all products involved

Section I: General Notes and Guidelines

- I. **HANDLING / STORING / PROTECTING ALUMINUM** - The following precautions are recommended to assure early acceptance of your products and workmanship.
 - A. **HANDLE CAREFULLY** - Store with adequate separation between components so the material will not rub together. Store the material off the ground. Protect materials against weather elements and other construction trades.
 - B. **KEEP MATERIAL AWAY FROM WATER, MUD, AND SPRAY** - Prevent cement, plaster, and other materials from contacting with and damaging the finish. Do not allow moisture to be trapped between the finished surface and the wrapping material.
 - C. **PROTECT MATERIALS AFTER ERECTION** - Wrap or erect screens of plastic sheeting over material. Cement, plaster, terrazzo, and other alkaline materials are very harmful to the finish and are to be removed with soap and water before hardening. Under no circumstances should these materials be allowed to dry or permanent staining will occur.

- II. **GENERAL GUIDELINES** - The following practices are recommended for all installations:
 - A. **REVIEW APPROVED SHOP DRAWINGS** – Become thoroughly familiar with the project. Shop drawings govern when conflicting information exists in these installation instructions.
 - B. **INSTALL ALL FRAMING MATERIAL PLUMB, LEVEL, AND TRUE** – Proper alignment and relationships to benchmarks and column centerlines, as established by the architectural drawings and the general contractor, must be maintained.
 - C. The sequence of erection should be coordinated with the project superintendent to prevent delays and minimize the risk of material damage. **Note: If preset anchors are required, coordinate and supervise anchor placement with the general contractor.**
 - D. Verify that all job site conditions and accompanying substrates receiving the installation are in accordance with the contract documents. If deviations occur, notification must be given **IN WRITING** to the general contractor and differences resolved before proceeding further with the installation in the questionable area.
 - E. Prevent all aluminum from coming in direct contact with masonry or dissimilar materials by means of an appropriate primer.

SECTION I: GENERAL NOTES and GUIDELINES

- F. Follow EFCO framing installation and glazing instructions.
- G. Verify contents of all material shipments received upon their arrival. Verify quantity and correct finishes. **NOTIFY EFCO IMMEDIATELY OF ANY DISCREPANCIES OR DAMAGE THAT MAY HAVE OCCURRED.**
- H. Throughout these instructions the term "**SEALANT**" will appear. For the purposes of these instructions, sealant is to be defined as the following:

SEALANT - A weather resistant, gunnable liquid filler which when cured provides a resilient, flexible ($\pm 50\%$ movement capability) air and water seal between similar and dissimilar materials.

All sealant must meet **ASTM C 920, CLASS 50.**

BUTYL SEALANT- A non-skinning, non-hardening material (**NAAMM Reference Standard 5C-1**).

NOTE: All sealant must be compatible with all surfaces on which adhesion is required, including other sealant surfaces. All frame surfaces should be clean, dry, dust, and frost free. If a primer is required, it must be applied to clean surfaces. All perimeter substrates shall be clean and properly treated to receive sealant.

This system is designed and has been tested to utilize butyl or silicone sealants at all internal joineries, i.e., joint plugs, gasket intersections, etc.

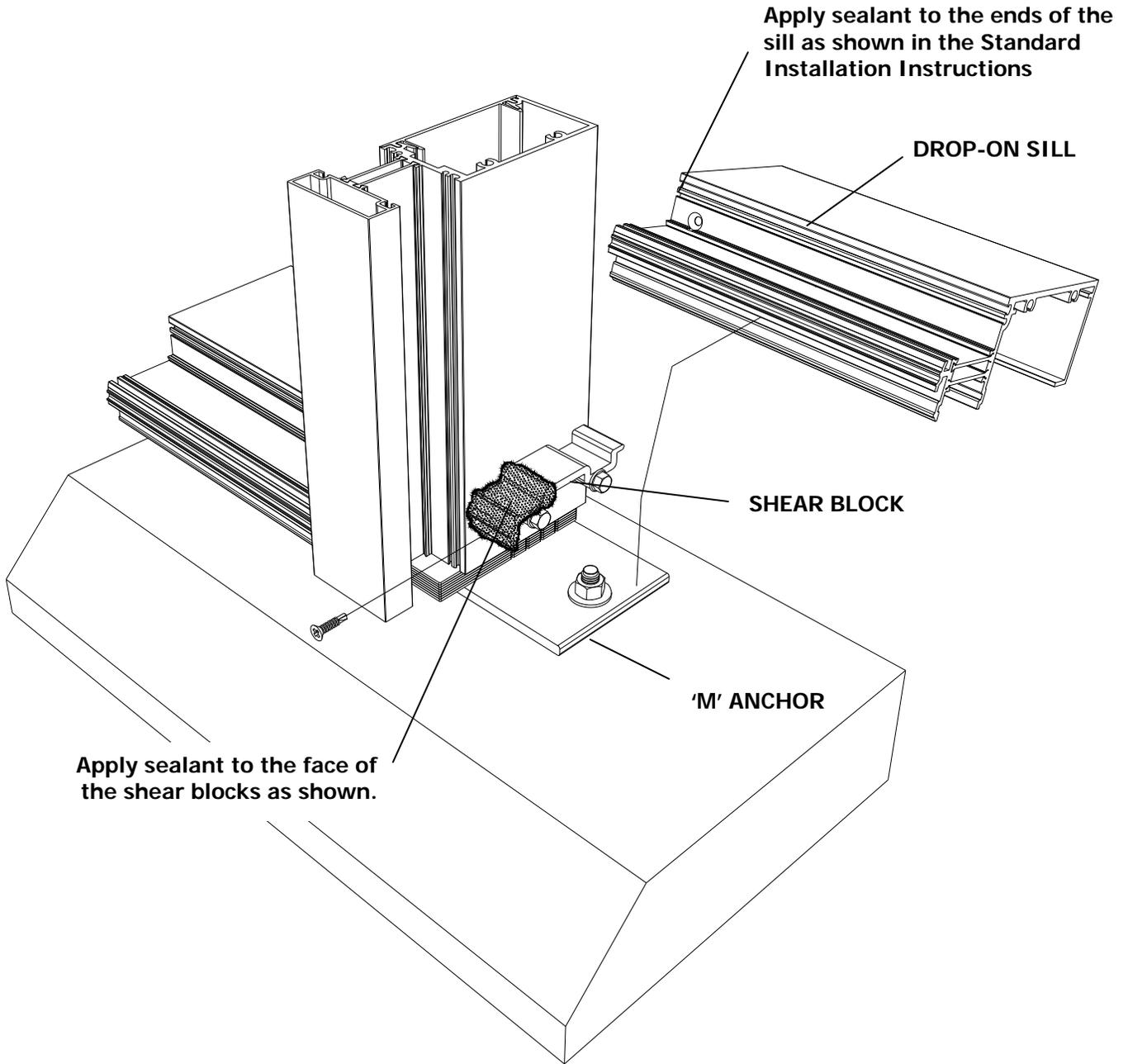
Regardless of the sealant used, the customer should contact the sealant manufacturer to determine compatibility and adhesion. Follow sealant manufacturer's proper application procedures and quality assurance programs for weather sealing.

Maintain caulk joints as shown in the approved shop drawings. Unless specified otherwise, most sealant manufacturers recommend a 3/8" minimum perimeter caulk joint. A 3/4" minimum joint is recommended at the head condition to accommodate thermal expansion and contraction.

Anchoring surfaces of perimeter construction must be level and plumb within the adjustable limits of the head, jamb, and sill framing.

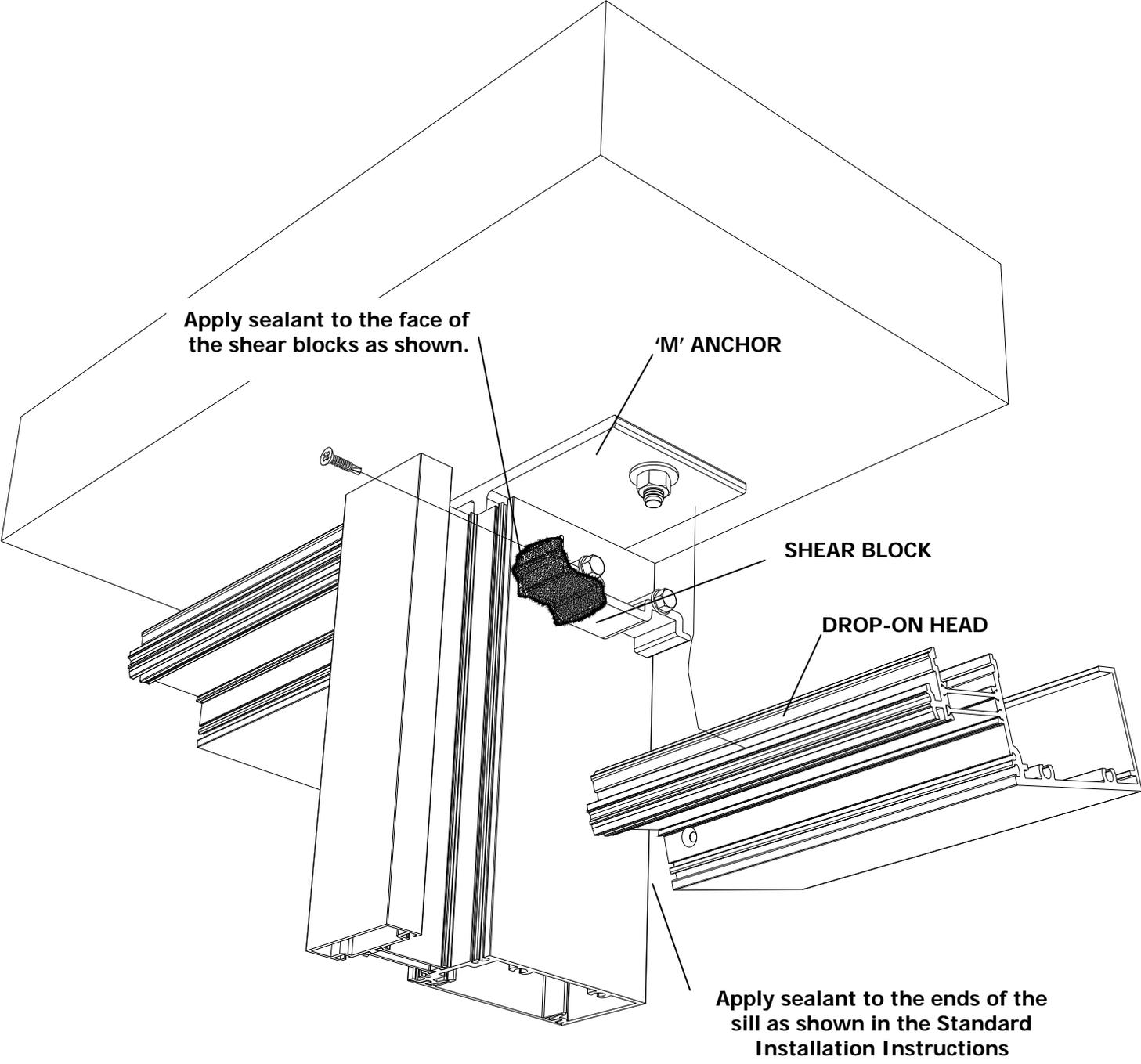
Section II: Frame Unit Assembly & Frame Sealing (Shear Block)

Under certain circumstances, it may be necessary to use drop-on heads and sills with mullion 'M' and 'F' anchors. Refer to alternate anchorage methods section for more information.



SILL CONDITION WITH 'M' ANCHOR AND
DROP-ON HORIZONTALS

Section II: Frame Unit Assembly & Frame Sealing (Shear Block)

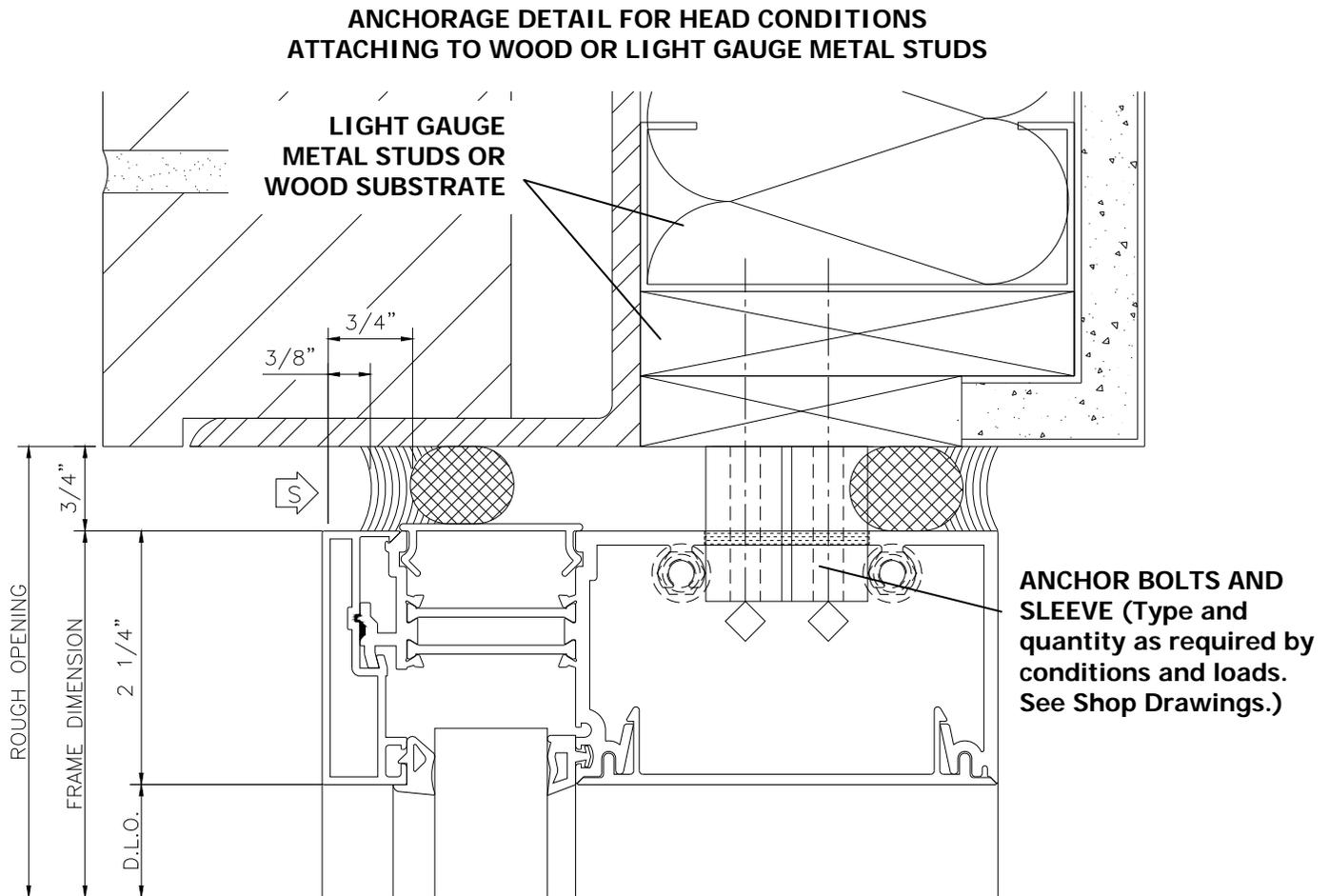


**HEAD CONDITION WITH 'M' ANCHOR
AND DROP-ON HORIZONTALS**

Section III: Alternate Head Anchorage Method (Sleeve Anchors)

STEP #1 (Outside Glazed) INSTALL FRAME COMPONENTS

- A. Refer to the approved shop drawings for job specific conditions, anchor type, anchor bolt sizes, and locations. Install assemblies according to the approved shop drawings. The anchor type used must be selected based on the structural requirements and the substrate.
- B. Follow steps 2 through 5 in Section III of the Standard Installation Instructions to complete the installation.
- C. Refer to Sections IV and V of the Standard Installation Instructions for Glazing Preparation and Glazing Installation.



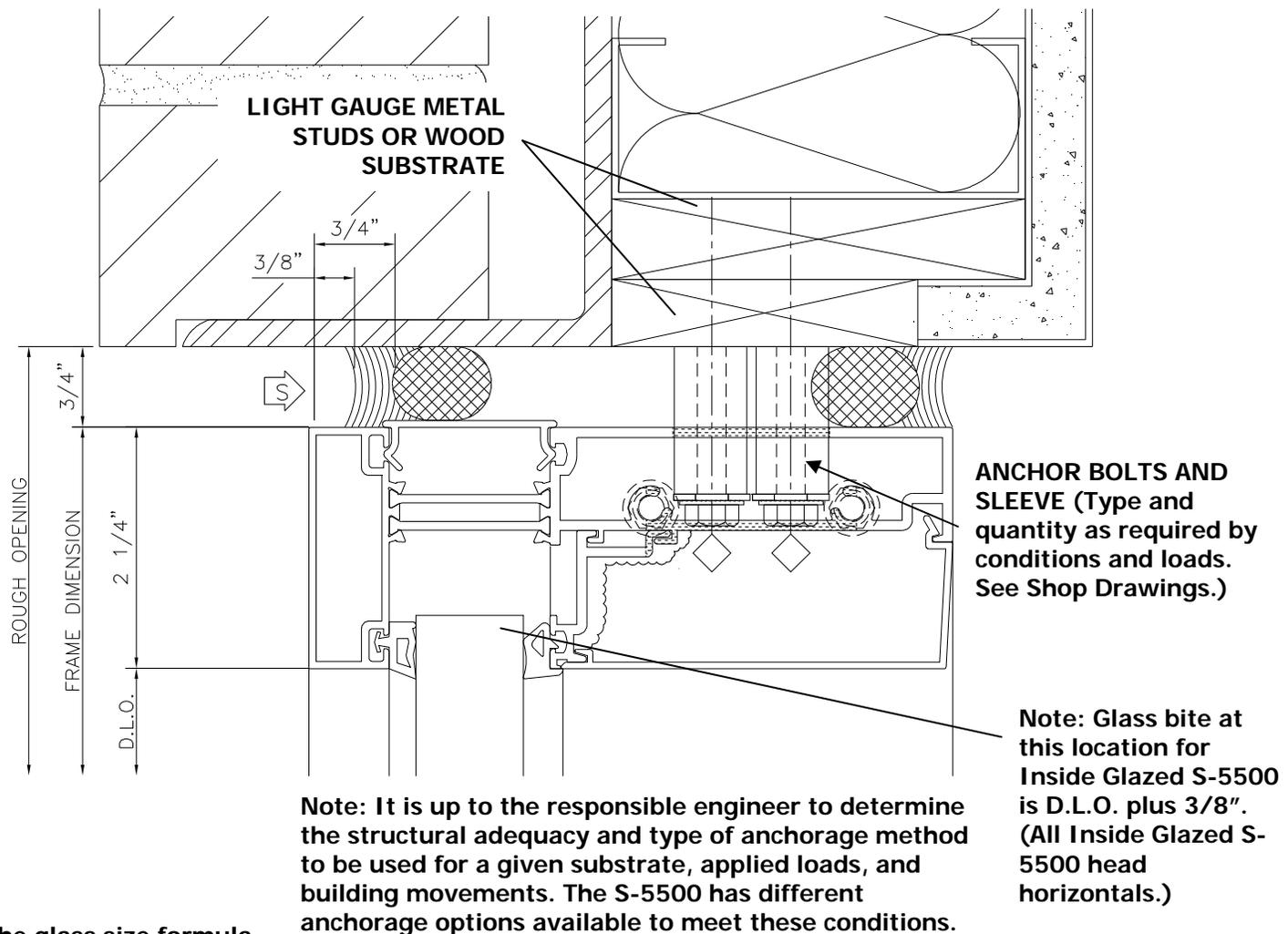
Note: It is up to the responsible engineer to determine the structural adequacy and type of anchorage method to be used for a given substrate, applied loads, and building movements. The S-5500 has different anchorage options available to meet these conditions.

Section III: Alternate Head Anchorage Method (Sleeve Anchors)

STEP #1 (Inside Glazed) INSTALL FRAME COMPONENTS

- A. Refer to the approved shop drawings for job specific conditions, anchor type, anchor bolt sizes, and locations. Install assemblies according to the approved shop drawings. The anchor type used must be selected based on the structural requirements and the substrate.
- B. Follow steps 2 through 5 in Section III of the Standard Installation Instructions to complete the installation.
- C. Refer to Sections IV and V of the Standard Installation Instructions for Glazing Preparation and Glazing Installation.

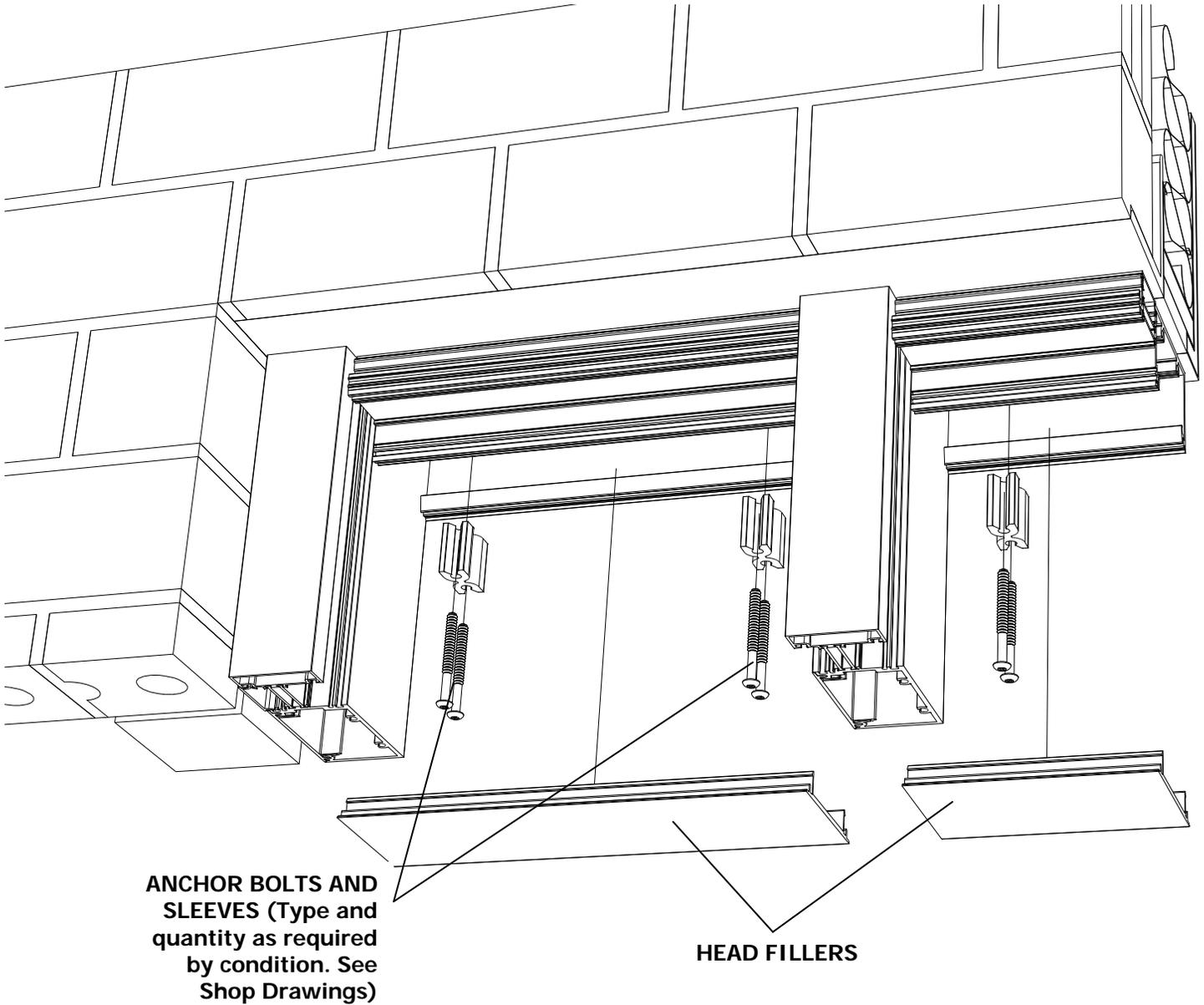
ANCHORAGE DETAIL FOR HEAD CONDITIONS ATTACHING TO WOOD OR LIGHT GAUGE METAL STUDS.



Note: The glass size formula for Inside Glazed S-5500 is vertical D.L.O. plus 7/8" and horizontal D.L.O. plus 1".

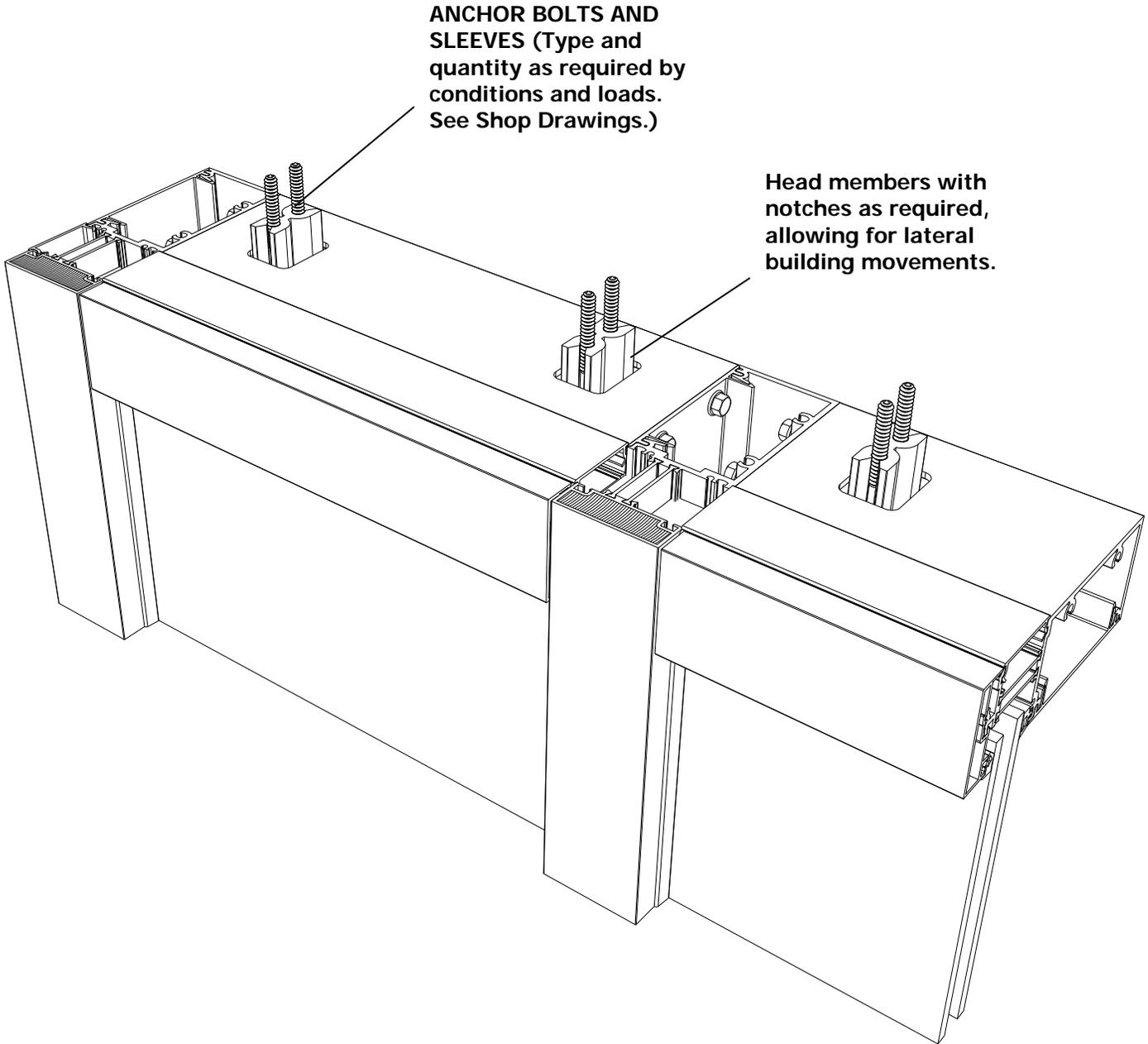
ALTERNATE HEAD ANCHORAGE

Section III: Alternate Head Anchorage Method (Sleeve Anchors)



ALTERNATE HEAD ANCHORAGE

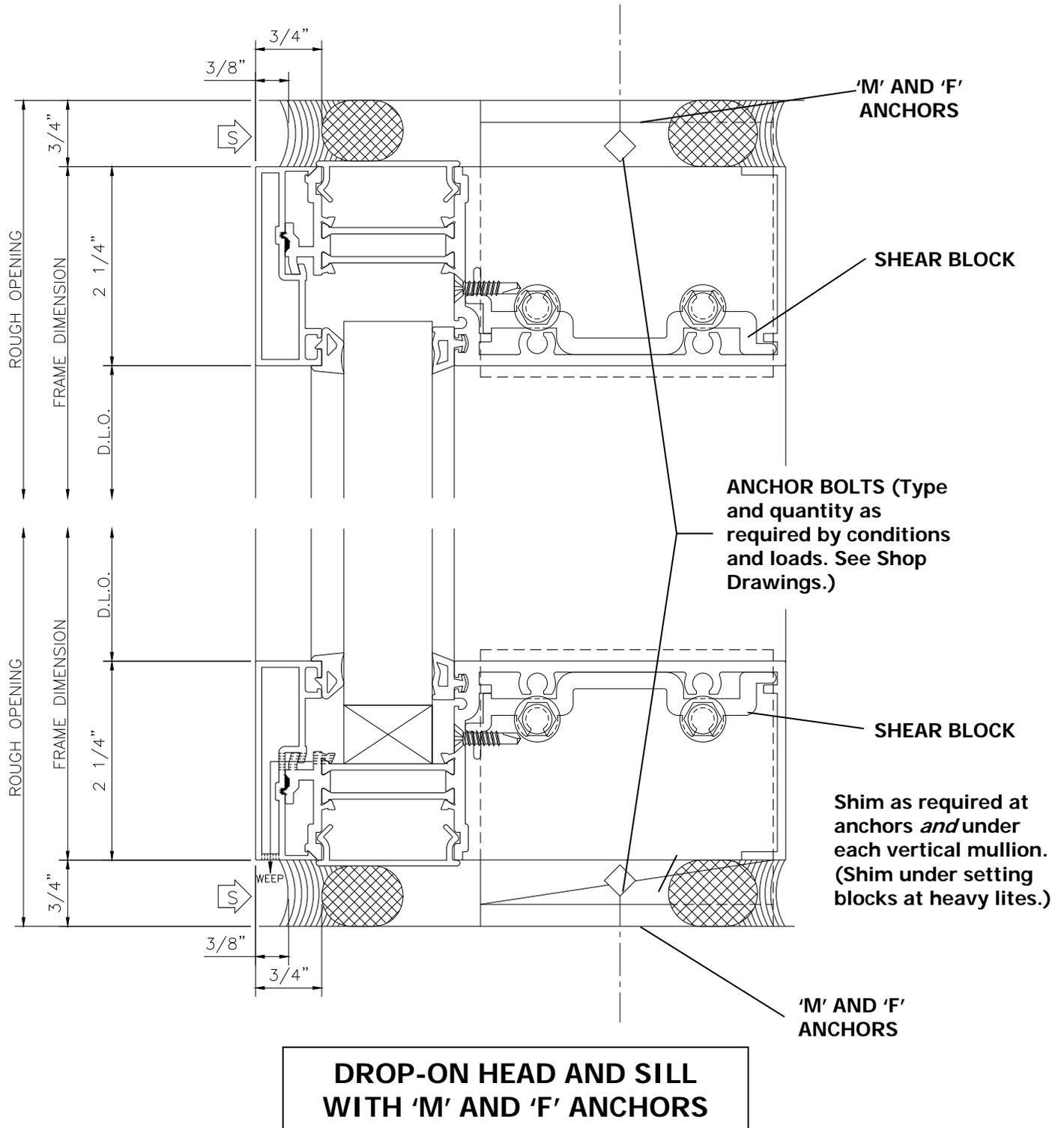
Section III: Alternate Head Anchorage Method (Sleeve Anchors)



ALTERNATE HEAD ANCHORAGE

Section III: Alternate Anchorage Method (Heavy-Duty Anchor Connections)

Note: It is up to the responsible engineer to determine the structural adequacy and type of anchorage method to be used for a given substrate, applied loads, and building movements. The S-5500 has different anchorage options available to meet these conditions.

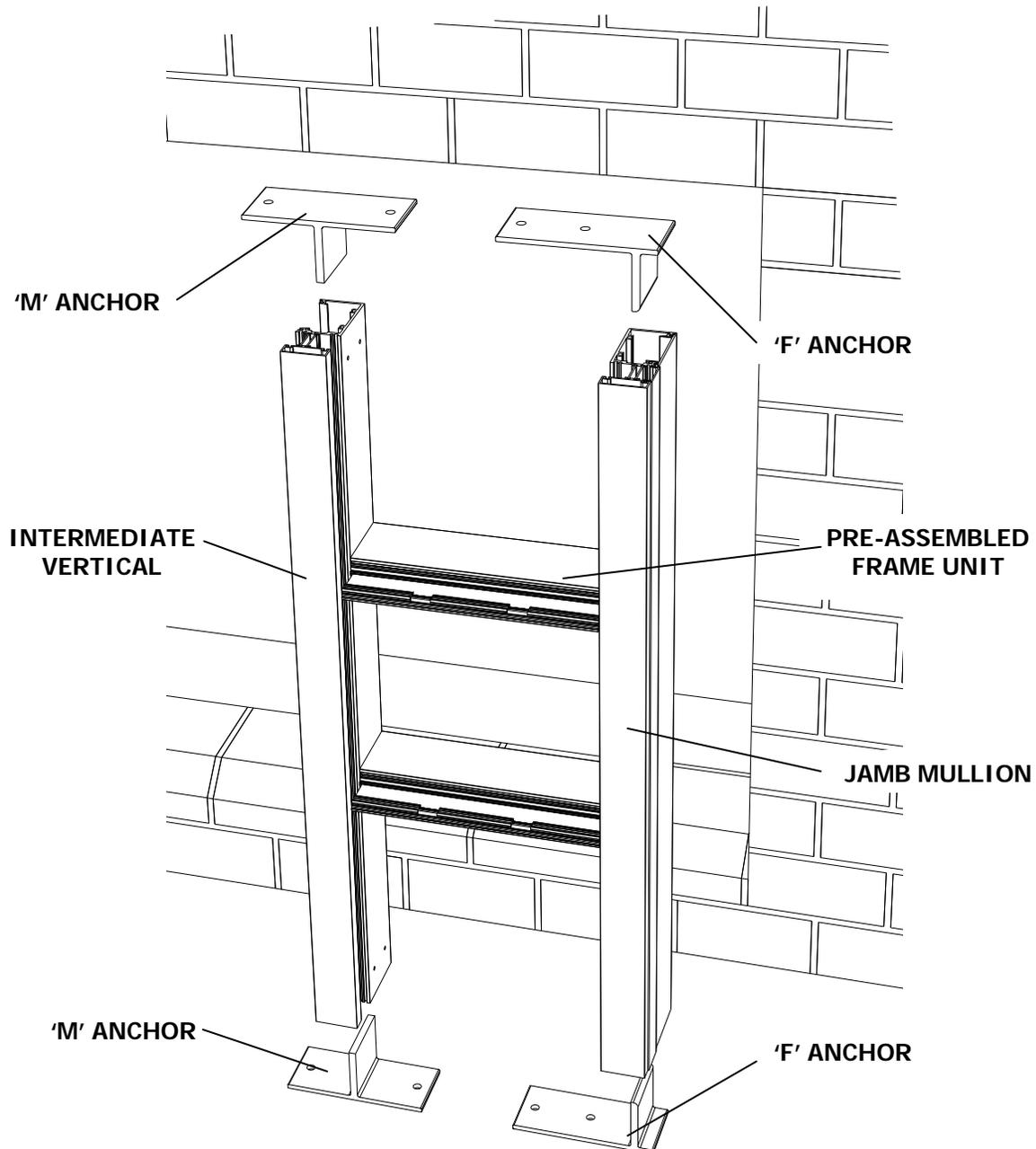


Section III: Alternate Anchorage Method (Heavy-Duty Anchor Connections)

STEP #1 ASSEMBLE OUTSIDE GLAZED FRAME MEMBERS

This method of anchorage is available for conditions where the standard head and sill anchors or alternate head anchors are not adequate for the given design criteria. Please consult with the structural engineer responsible for the shop drawings for your project.

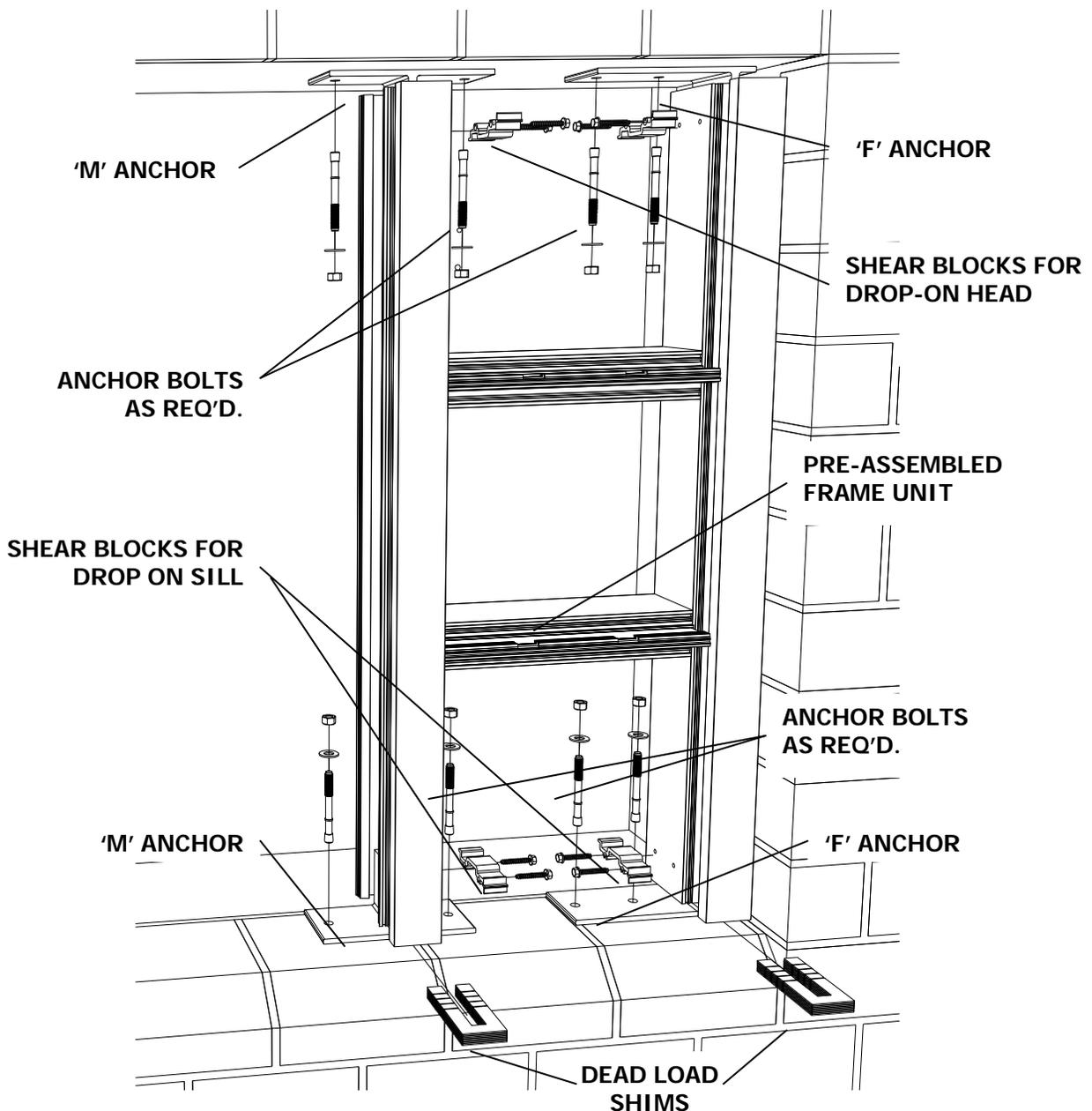
- A. Assemble verticals and intermediate horizontals following the frame assembly and sealing instructions in Section II. Shear blocks should be installed after the frames are set and anchored to avoid interference with the anchor bolts.
- B. Insert 'F' anchors into each end of the jamb mullion and 'M' anchors into each end of the intermediate vertical.



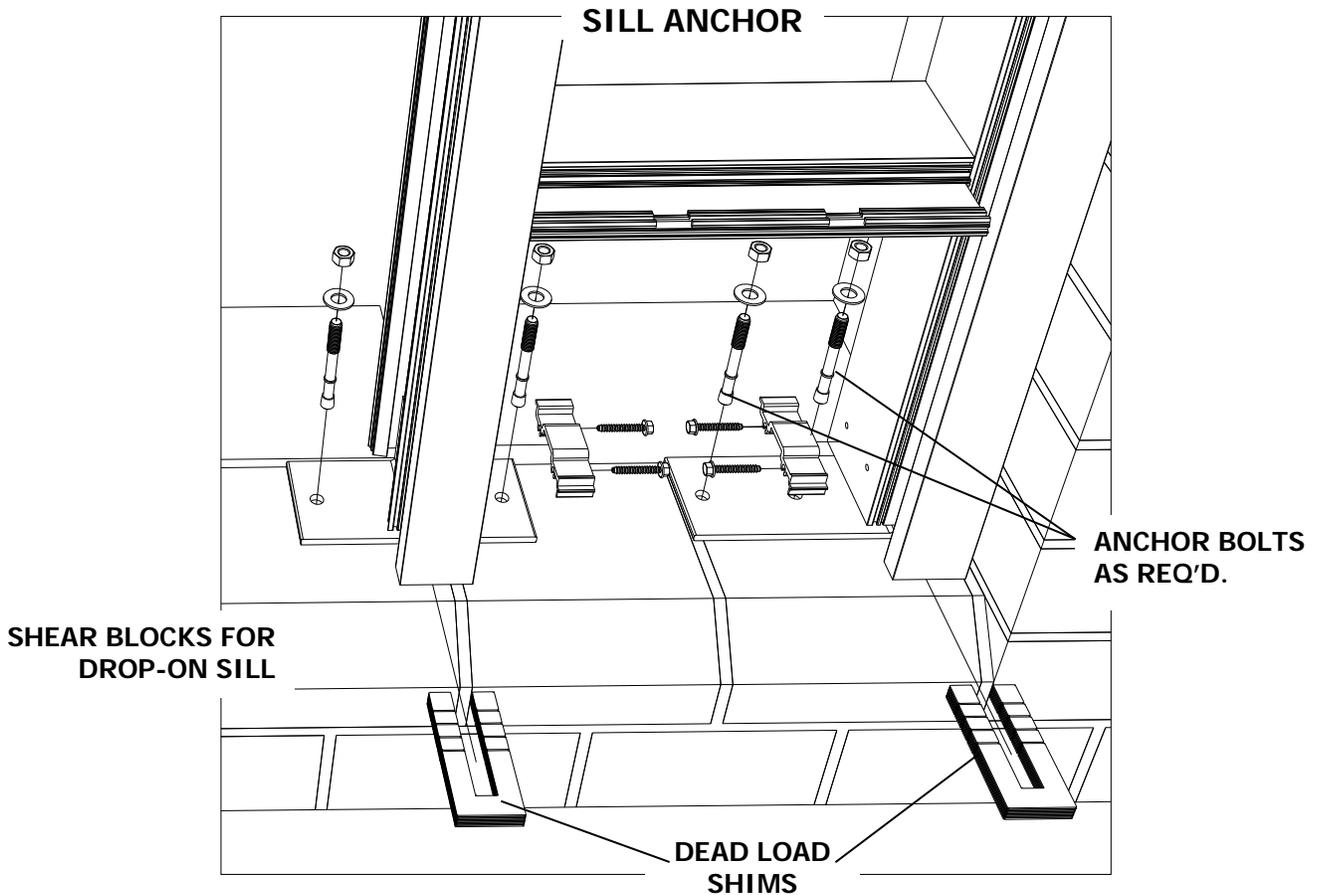
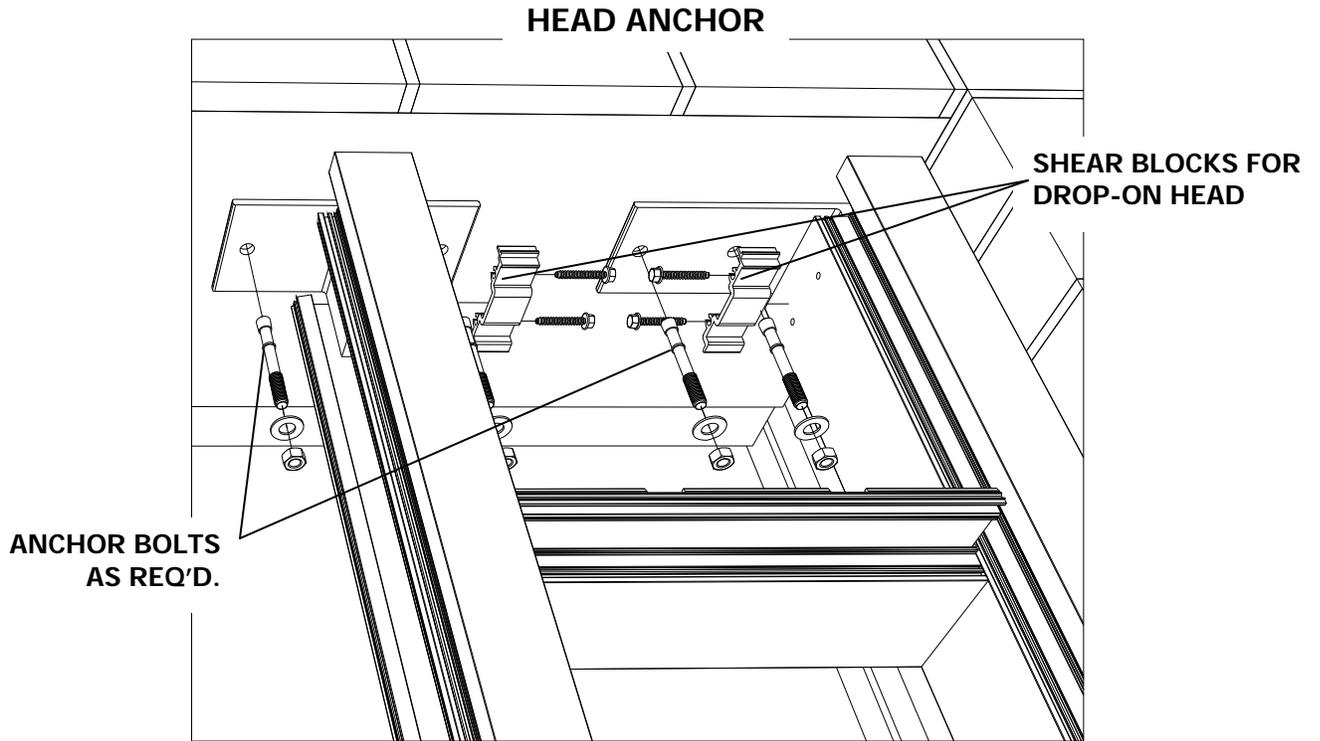
Section III: Alternate Anchorage Method (Heavy-Duty Anchor Connections)

STEP #2 INSTALL FRAME COMPONENTS

- A. Set the frame with 'F' and 'M' anchors into the opening. Adjust the frame's position to place it in the proper position with regard to established benchmarks.
- B. Using dead load shims under each vertical mullion, level the frame and set it to the appropriate elevation as indicated in the approved shop drawings.
- C. After the frame is plumb and all adjustments have been made, match drill through the holes in the 'F' and 'M' anchors into the surrounding substrate, and apply the appropriate anchor bolts. Anchor bolt size, type, quantity, and location vary. Refer to the approved shop drawings for more information. Anchor bolts should be installed per the recommendations of the bolt manufacturer.
- D. Apply the shear blocks to the top and bottom of the mullions as shown in the approved shop drawings.



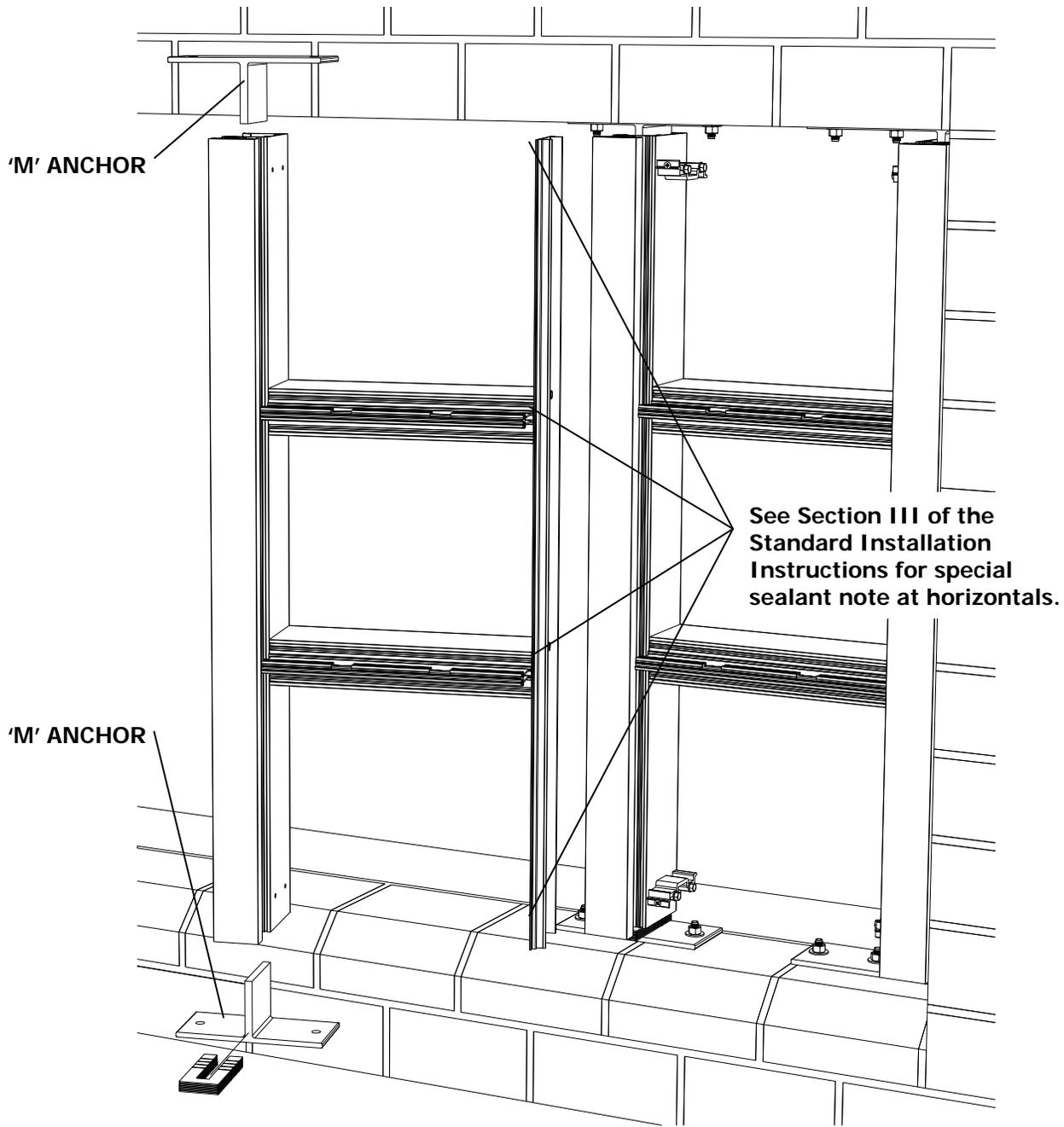
Section III: Alternate Anchorage Method (Heavy-Duty Anchor Connections)



Section III: Alternate Anchorage Method (Heavy-Duty Anchor Connections)

STEP #3 INSTALL FRAME COMPONENTS

- A. From pages 12, 13, and 14, repeat steps 1 and 2. Set each successive frame into the opening, snapping the verticals and fillers at each frame-until all frames are installed up to the last frame at the opposite jamb.
- B. Check frequently to ensure the installed framing is in the proper position with regard to established benchmarks.

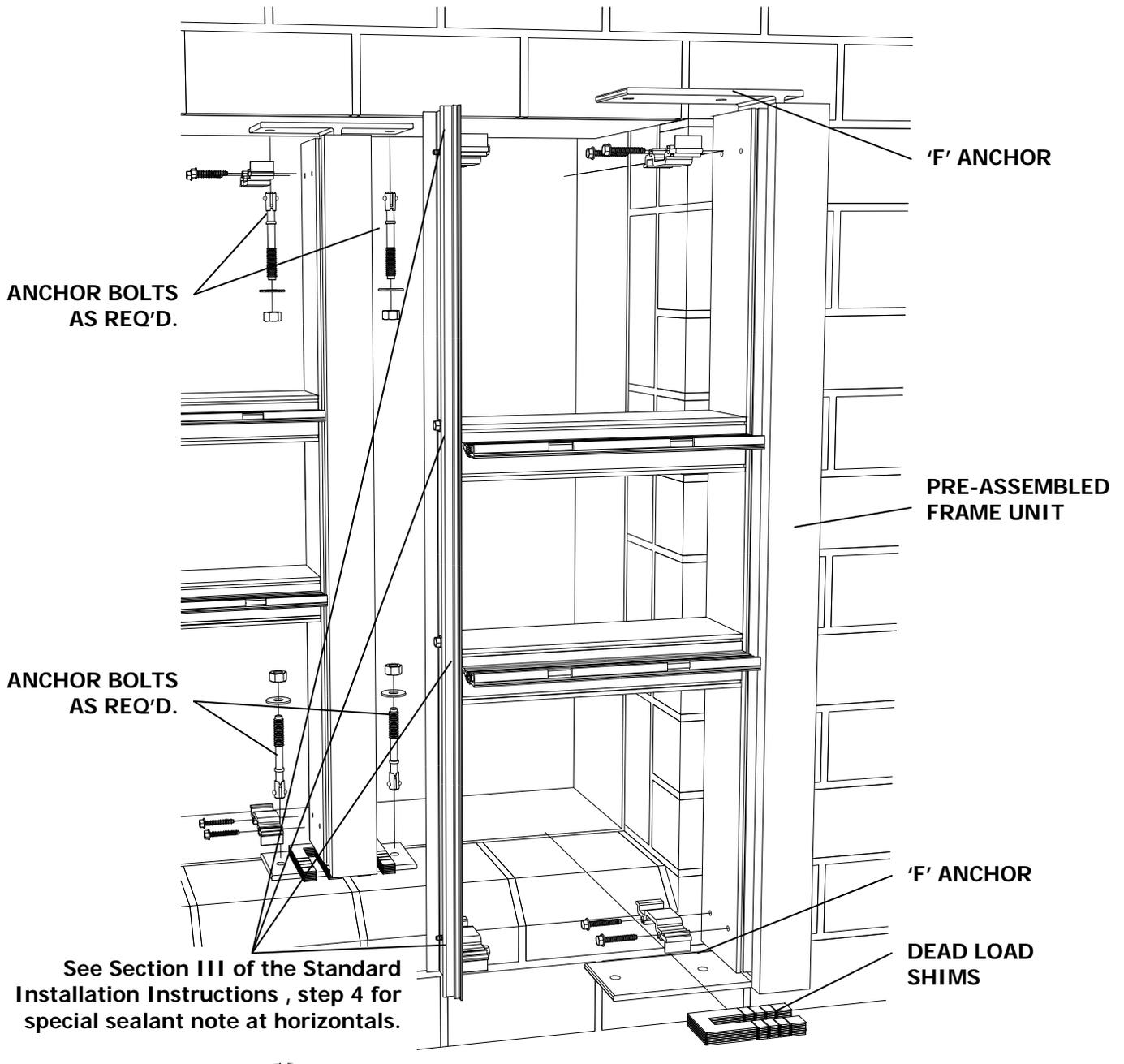


NOTE: On long runs, check overall frame dimensions at every fifth opening to avoid dimensional build-up. The commercial cut length tolerance is $\pm 1/16"$. It is critical to check every fifth unit for location relative to established benchmarks.

Section III: Alternate Anchorage Method (Heavy-Duty Anchor Connections)

STEP #4 INSTALL FRAME HEAD & SILL COMPONENTS

- A. Set the last frame in the run into the opening, mating the filler with the intermediate vertical until the filler and vertical snap together.
- B. When the frame is set level and plumb, apply dead load shims below the verticals, and apply anchor bolts as shown per the approved shop drawings.



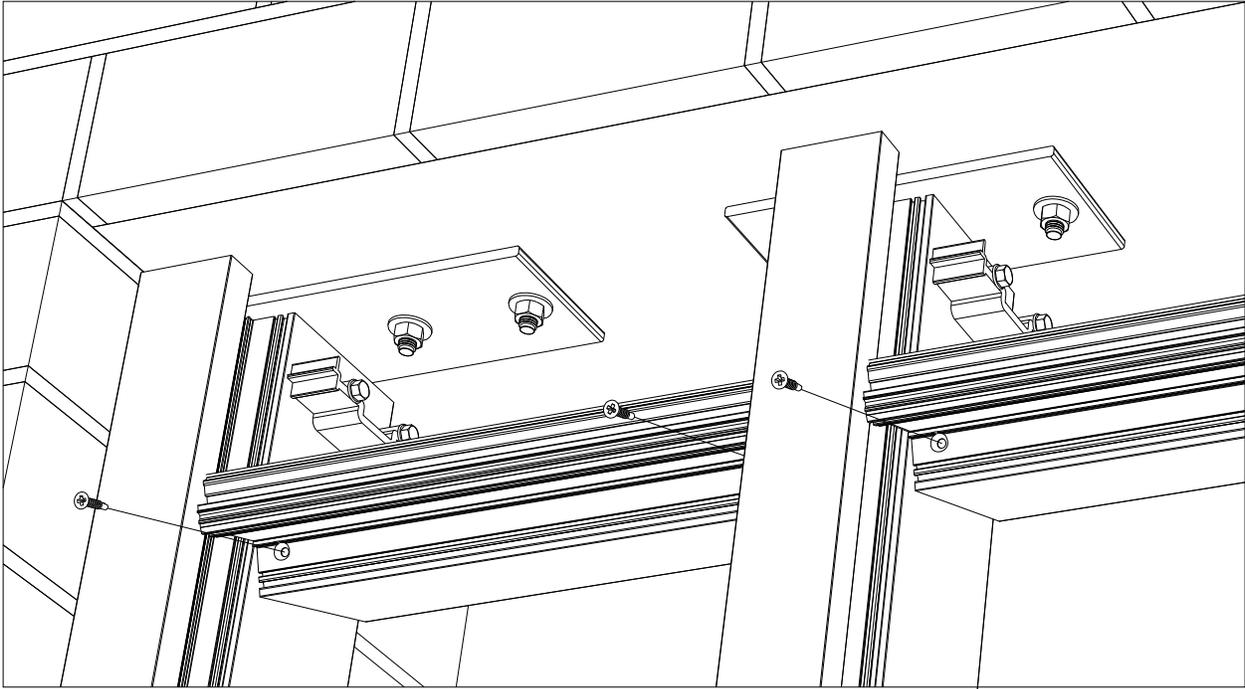
IMPORTANT NOTE:

It is critical to allow at least a $\frac{3}{4}$ " space between the perimeter of the jamb mullion and the condition for setting space for the last frame unit to be installed.

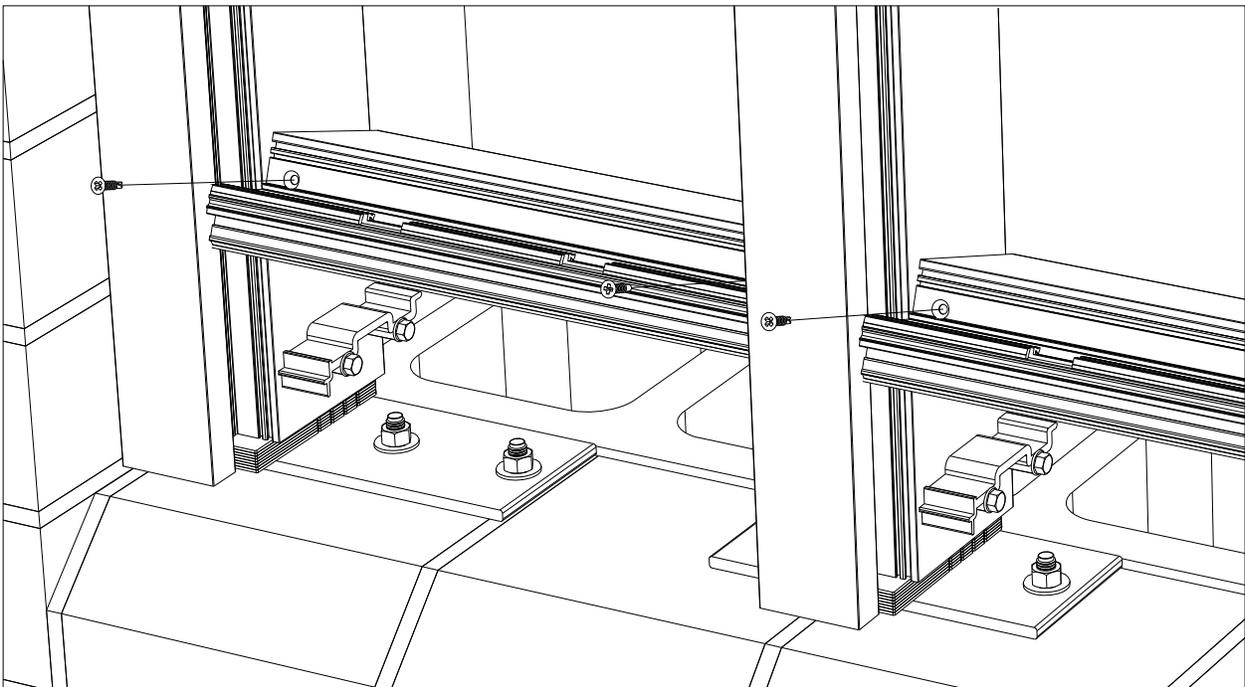
Section III: Alternate Anchorage Method (Heavy-Duty Anchor Connections)

STEP #5 INSTALL FRAME HEAD & SILL COMPONENTS

- A. Drop-on and attach head and sill horizontals as indicated in the approved shop drawings. Be certain to properly hook the horizontal onto the shear block.
- B. Section II of the Standard Installation Instructions for special sealant and assembly notes.
- C. Refer to Sections IV and V for Glazing Preparation and Glazing Installation.



HEAD

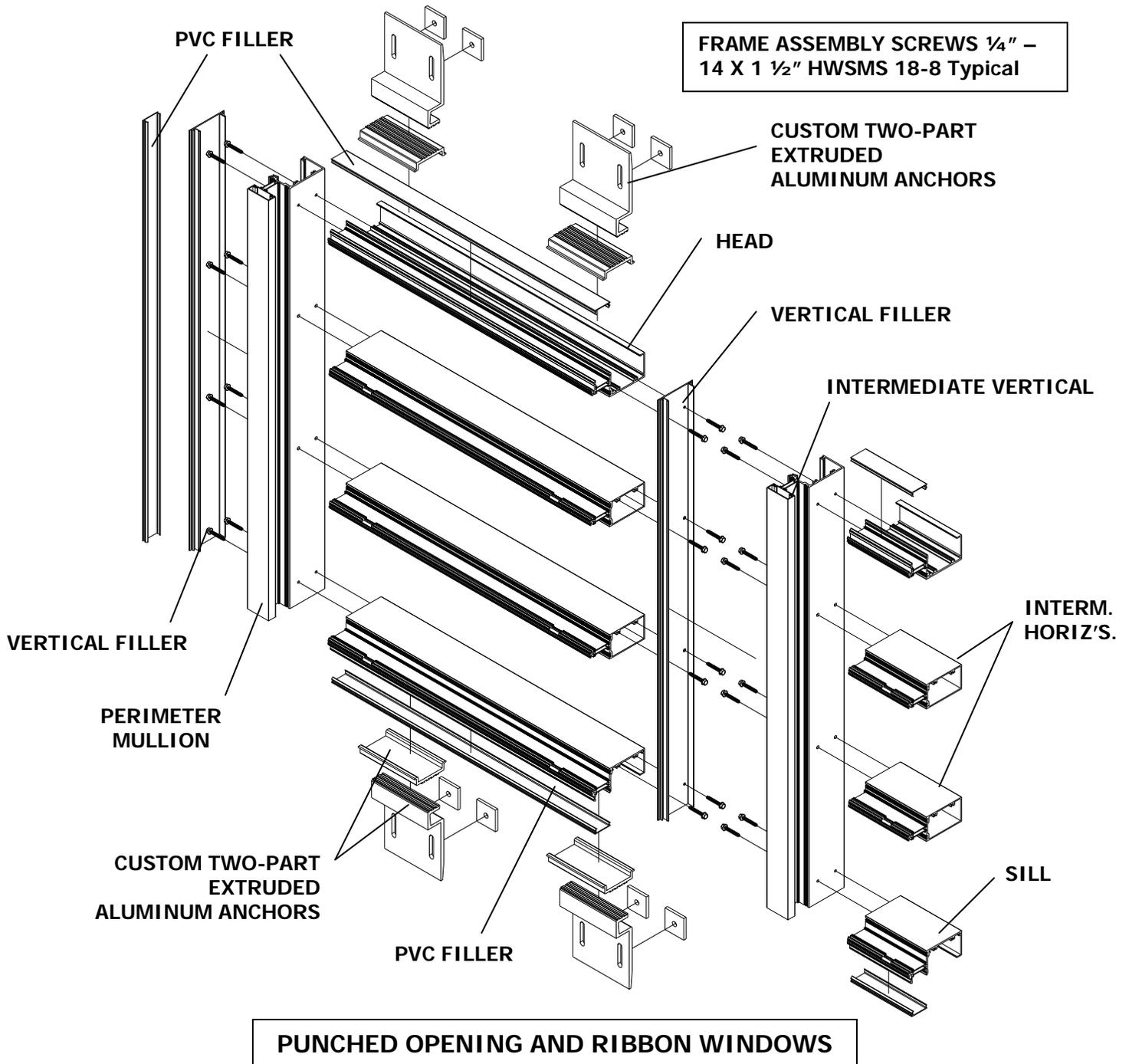


SILL

Section V: PUNCHED OPENING & RIBBON WINDOWS (Frame Opening & Frame Sealing)

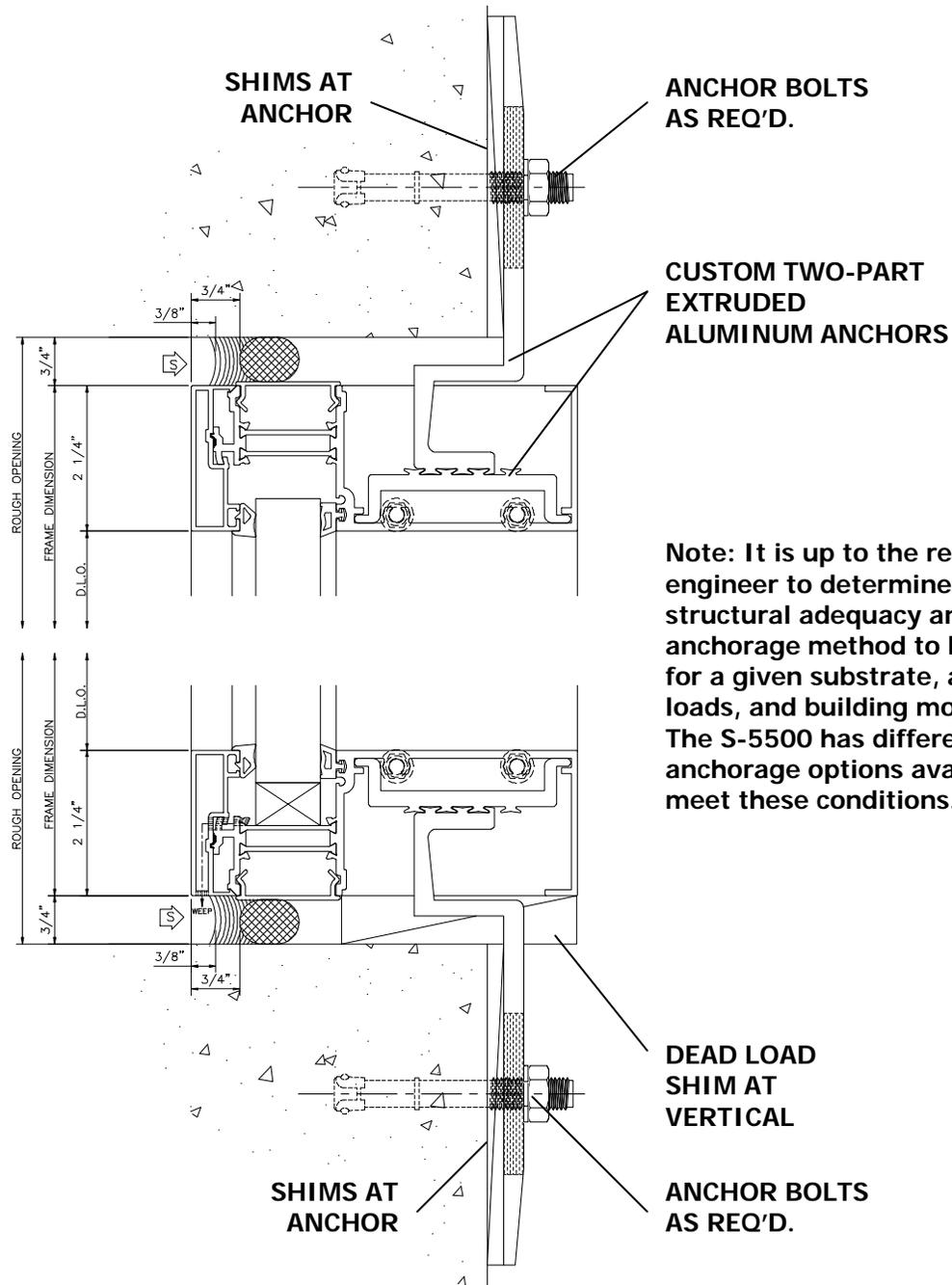
STEP #1 ASSEMBLE OUTSIDE GLAZED FRAME MEMBERS

- A. Seal the ends of the vertical mullions at the exterior and snap-in the PVC fillers. (Section II of the Standard Installation Instructions).
- B. The base section of the two-part anchor must be slid into the heads and sills prior to assembling the frames. The remaining part of the anchor can be applied in the field.
- C. Sealant must be applied to the ends of each horizontal member before assembly. (See enlargement Section II of the Standard Installation Instructions.)
- D. Assemble the frames per the approved shop drawings.



Section V: PUNCHED OPENING & RIBBON WINDOWS (Frame Opening & Frame Sealing)

Punched opening and ribbon window elevations are typically used for small openings or openings of limited height where the frames can be partially assembled off-site, moved to the jobsite, and then groups of frames are snapped together. This allows groups of frames to be set into the opening all at one time. Custom extruded aluminum anchors are slid into the heads and sills during frame assembly. This method of anchorage is limited due to certain structural limitations. Please consult with the structural engineer responsible for the shop drawings for your project. This type of installation also requires that there be no obstructions (such as floor slabs or columns) that prevent the frames from being installed from the interior.

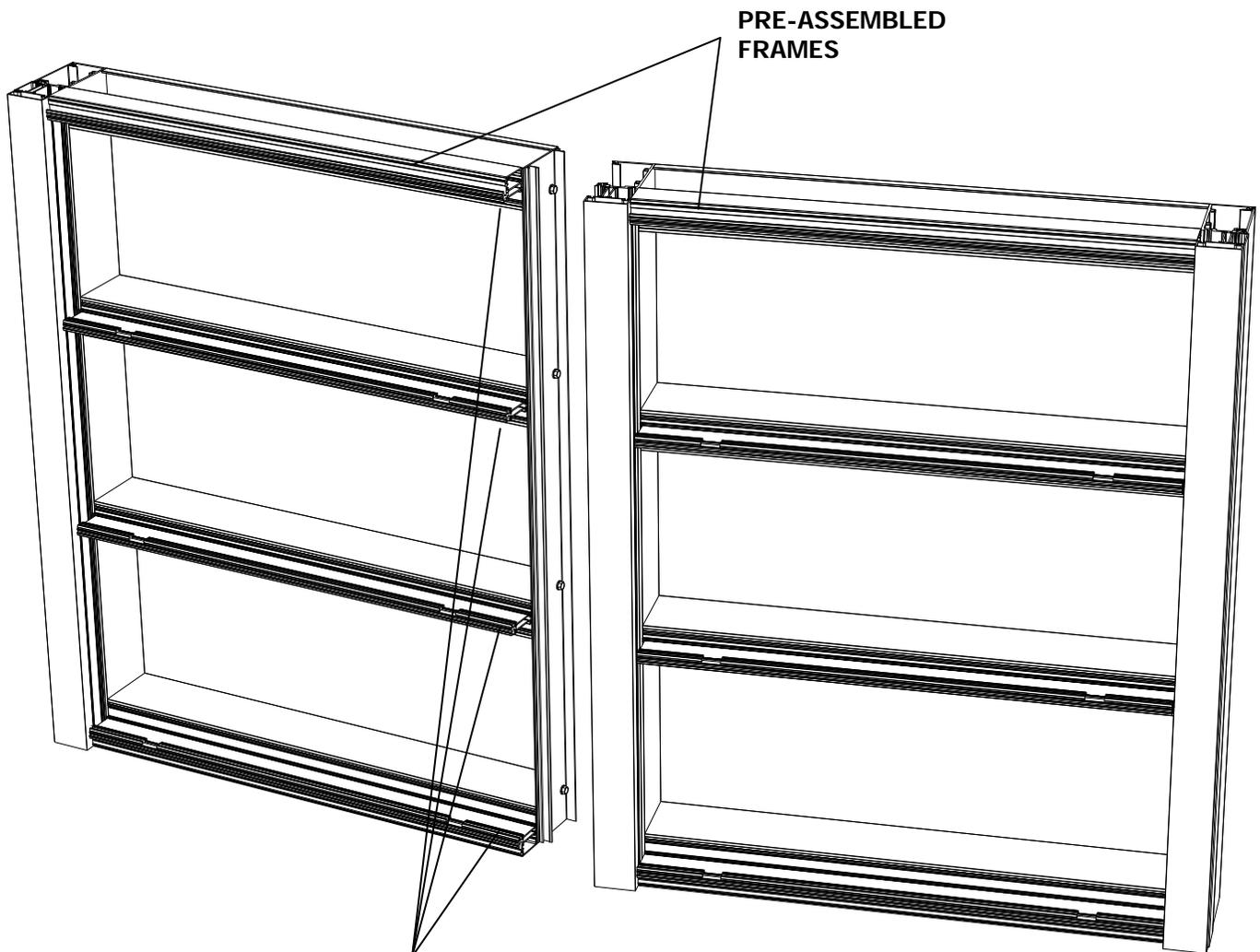


PUNCHED OPENING AND RIBBON WINDOWS

Section V: PUNCHED OPENING & RIBBON WINDOWS (Frame Opening & Frame Sealing)

STEP #1 SIDE STACK PRE-ASSEMBLED FRAMES

Frames can be partially assembled off-site and moved to the jobsite. Then, groups of frames may be snapped together, allowing them to be set into the opening at one time. The size of the group of frames to be installed is limited by the field's handling capacity due to the weight and size of the assemblies.

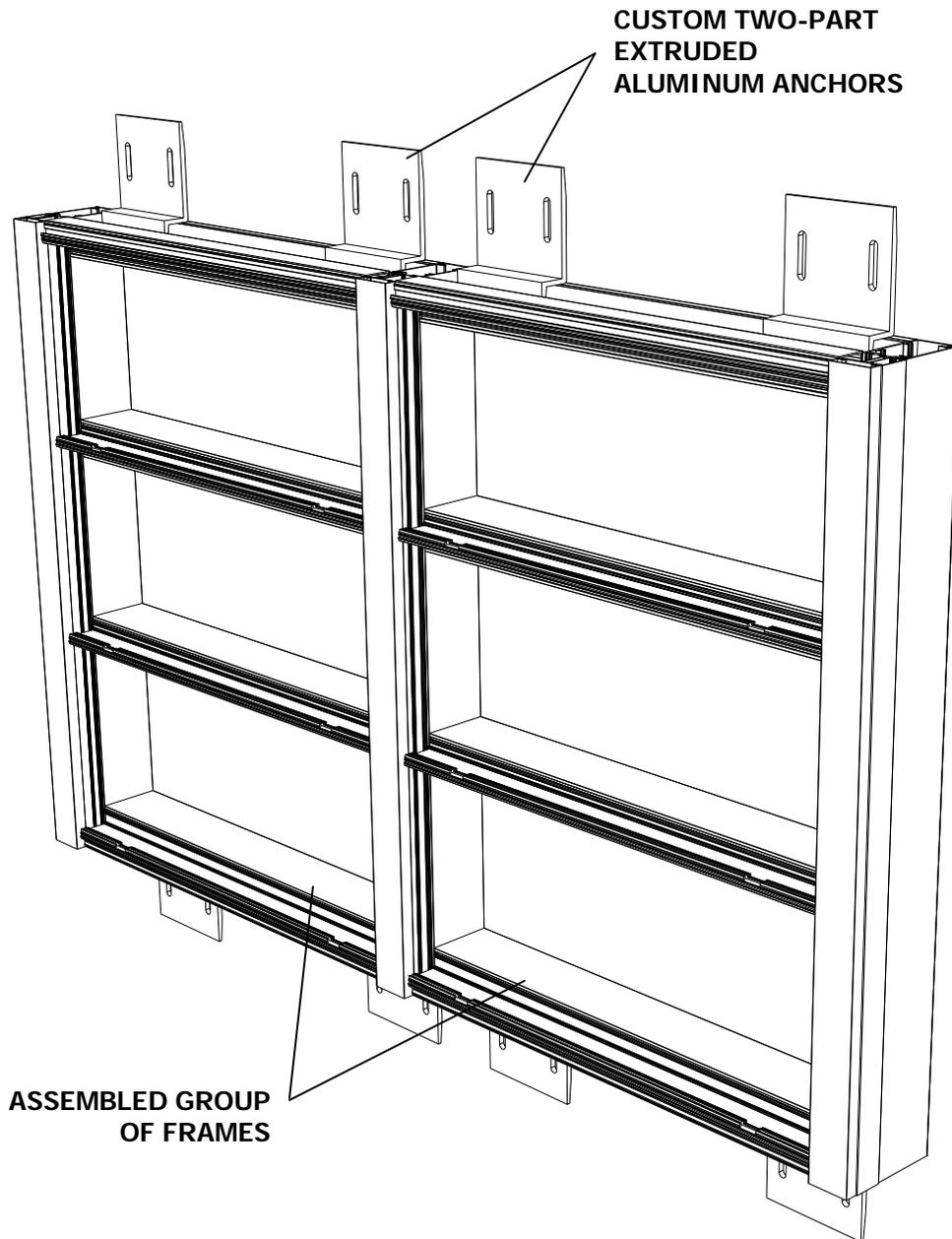


See Section III of the Standard Installation Instructions , step 4 for special sealant note at horizontals.

Section V: PUNCHED OPENING & RIBBON WINDOWS (Alternate Anchorage Method)

STEP #2 PREPARE TO SET FRAMES

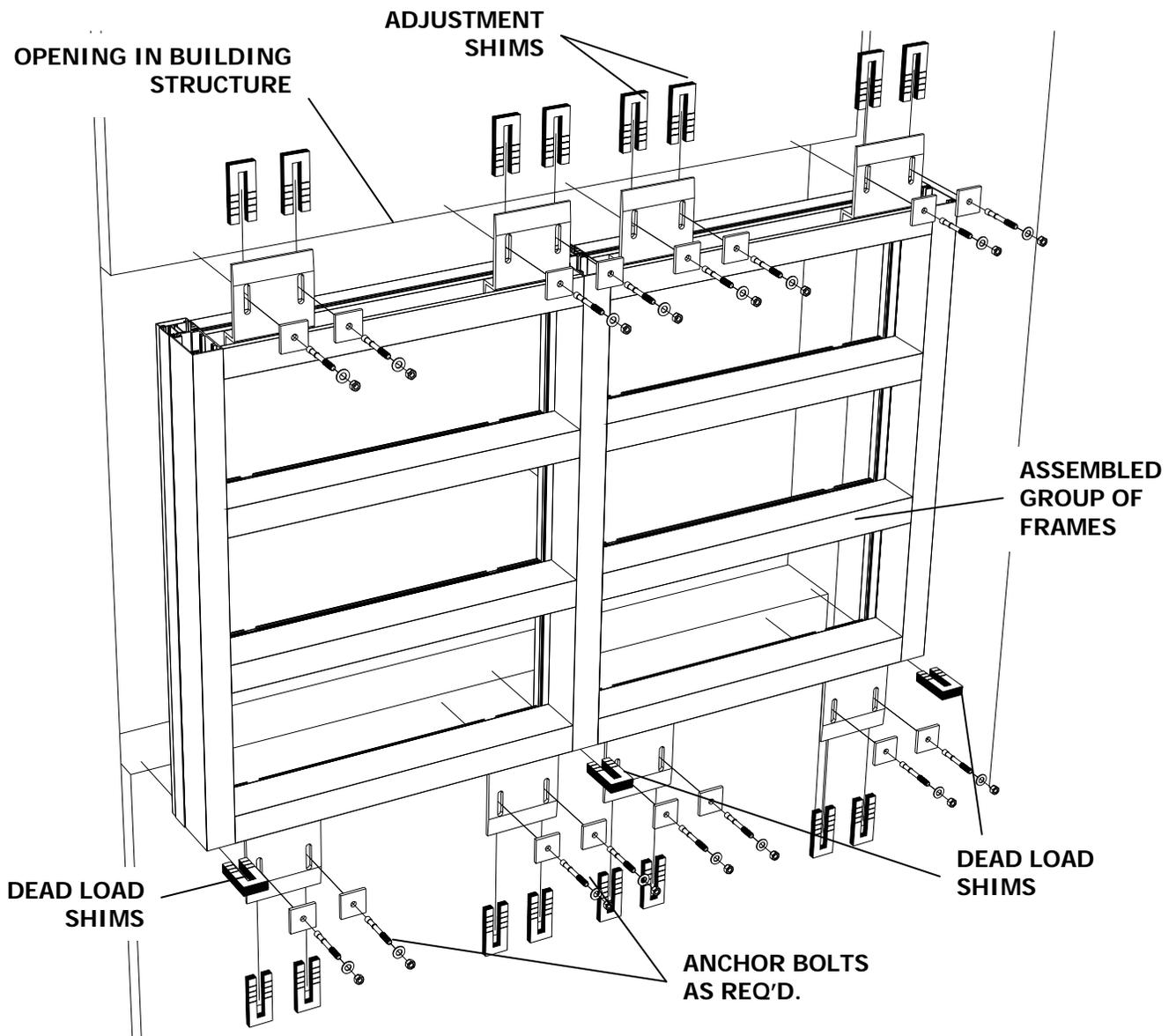
- A. Slide the anchor plates into the base anchors that were installed during frame assembly.
- B. Refer to the approved shop drawings to review anchor placement, type, and conditions.



Section V: PUNCHED OPENING & RIBBON WINDOWS (Alternate Anchorage Method)

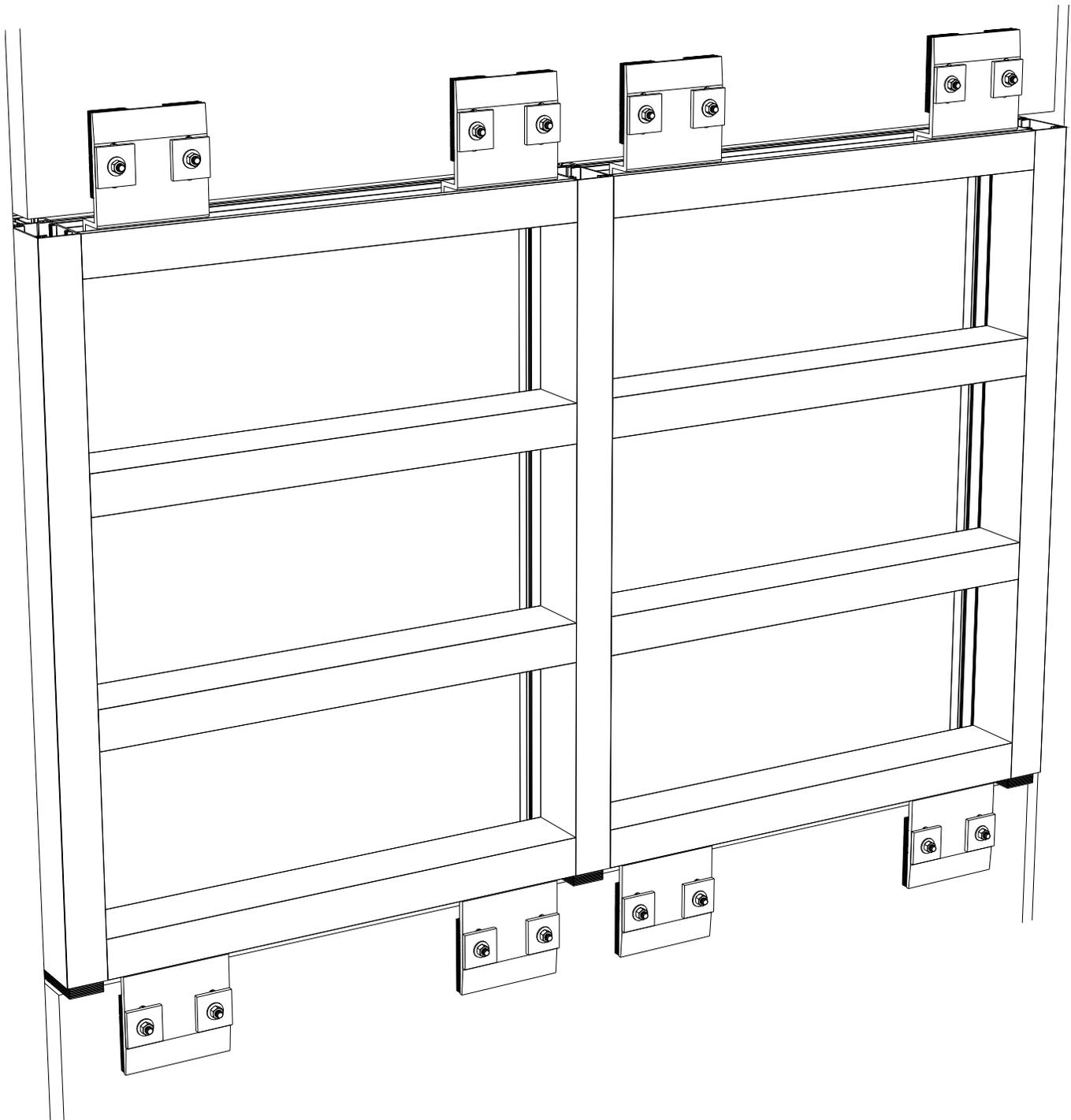
STEP #3 SET GROUPS OF FRAMES

- A. Set the assembled groups of frames into the opening.
- B. Using dead load shims under each vertical mullion, level the frame and set it to the appropriate elevation as indicated in the approved shop drawings.
- C. Use shims between the anchor plate and the condition to set the frame the proper distance to the face of the building. After the frames are plumb and the frames have been properly installed relative to established benchmarks, match drill through the holes in the anchor plates into the surrounding substrate, and apply the appropriate anchor bolts. Anchor bolt size, type, quantity, and location vary. Refer to the approved shop drawings for more information. Anchor bolts should be installed per the recommendations of the bolt manufacturer.



Section V: PUNCHED OPENING & RIBBON WINDOWS (Alternate Anchorage Method)

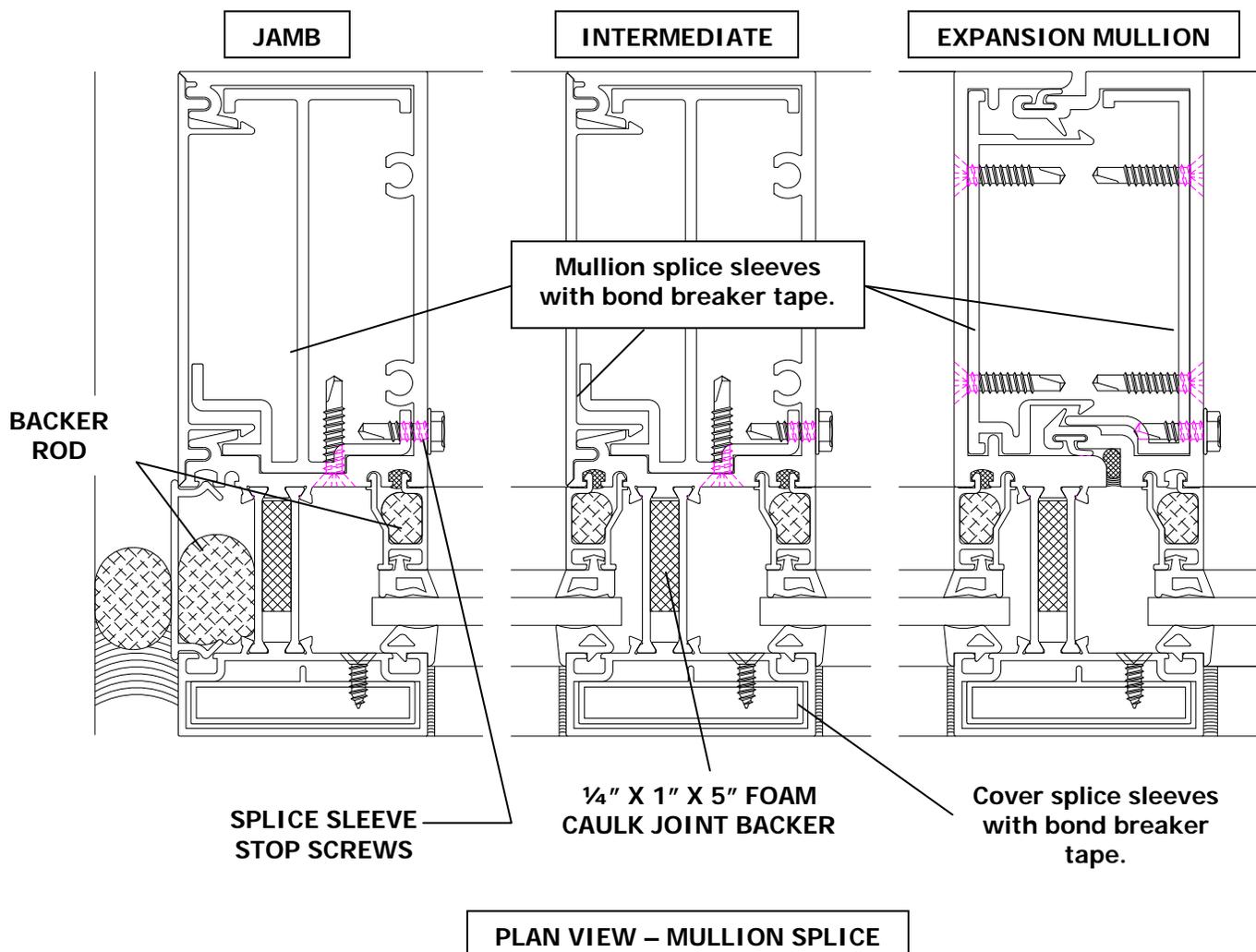
Refer to Sections IV and V for Glazing Preparation and Glazing Installation.



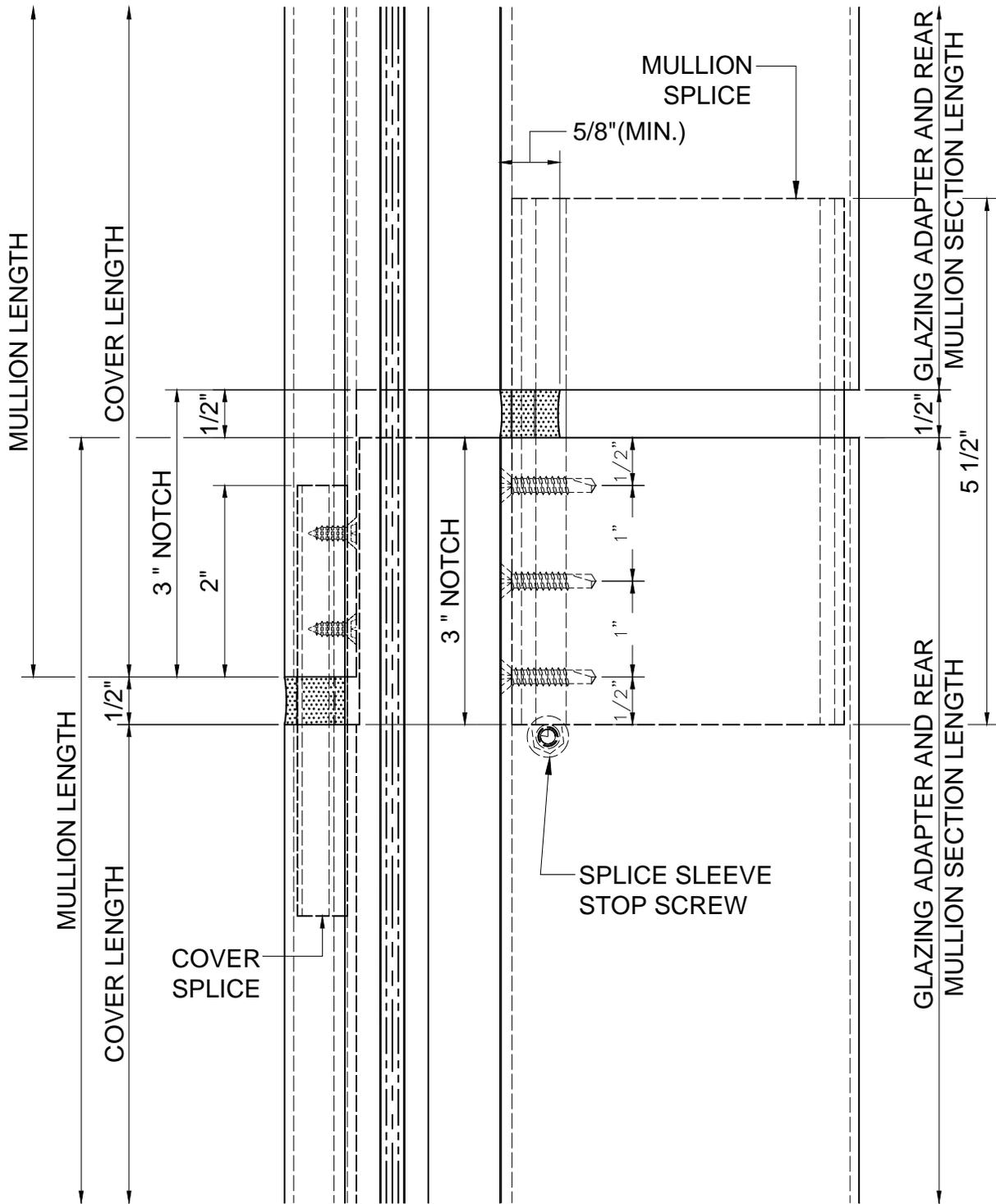
Section V: Vertical Splice Joints

STEP #1 LOCATE SPLICE JOINTS

- A. Splice joints should occur at spandrel areas (if possible). Refer to the approved shop drawings for actual locations.
- B. Depending on job requirements, the mullion splice may be shop or field assembled in the top of the lower mullion. The cover splice is attached to the bottom of the upper mullion. Where head clearance is insufficient to allow the top mullion to be lifted over the splice sleeves, retractable splices should be used. The splices are to be taped into the bottom of the top mullion and dropped down to the stop screw in the mullion below.
- C. **GENERAL NOTE:** The following pages depict a splice joint of 1/2". This will allow plus or minus 1/4" of movement for each splice location. Thermal expansion and live deflection requirements should be considered when determining the location and quantities of splice joints. If the total amount of movement cannot be accommodated locating splices at every other floor or alternatively at each floor, expansion horizontals or some alternative method should be used. Contact EFCO for further evaluation.
- D. Refer to this section for pressure cover splice locations, mullion splice locations, and sealing instructions.
- E. Once a final check of expansion joint placement and mullion position is made, the final match drilling of mullion through anchor holes may be completed.



Section V: Vertical Splice Joints



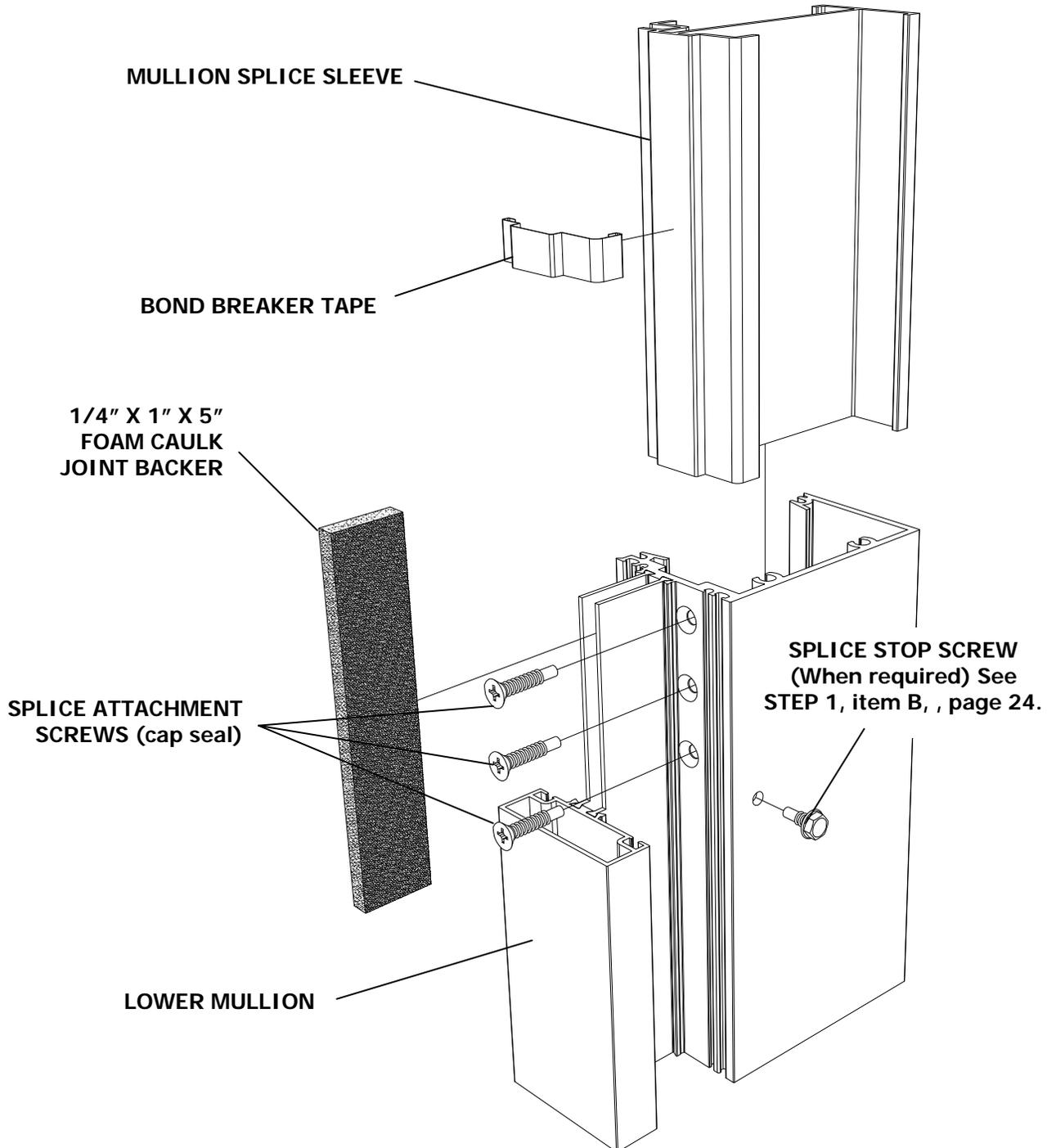
NOTE: All anchors must be fixed before glazing begins.

SIDE VIEW – MULLION SPLICE

Section V: Vertical Splice Joints

STEP #2 ATTACH MULLION SPLICE SLEEVES

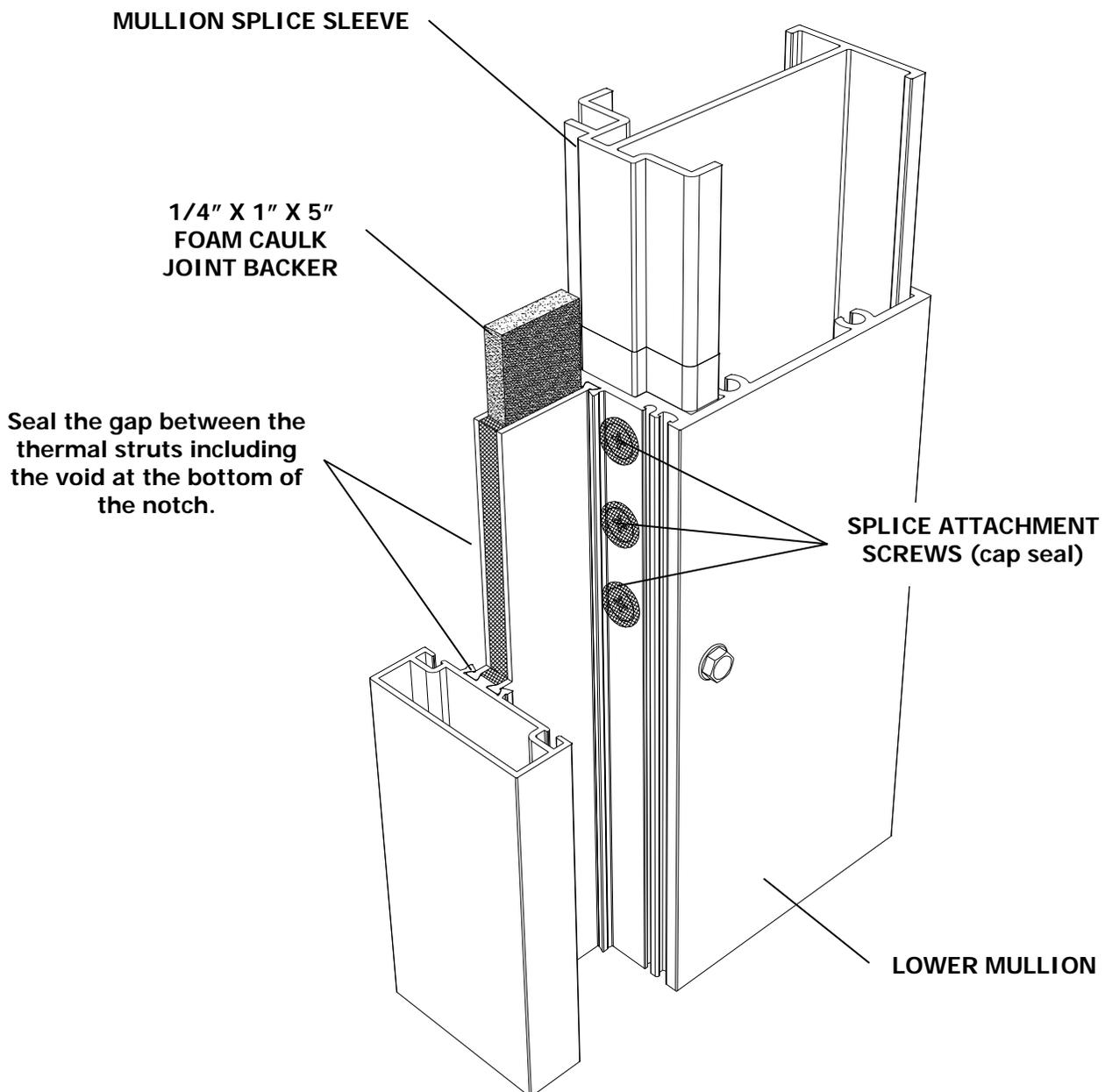
- A. Clean all surfaces that will contact sealant per the sealant manufacturer's instructions, making sure to remove all oils and debris from contact surfaces.
- B. Apply bond breaker tape to the mullion splice sleeve.
- C. For standard installation, attach the mullion splice sleeve to the top of the lower mullion with splice sleeve attachment screws. Cap seal the fastener heads.



Section V: Vertical Splice Joints

STEP #3 CRITICAL MULLION SEAL AT SPLICE

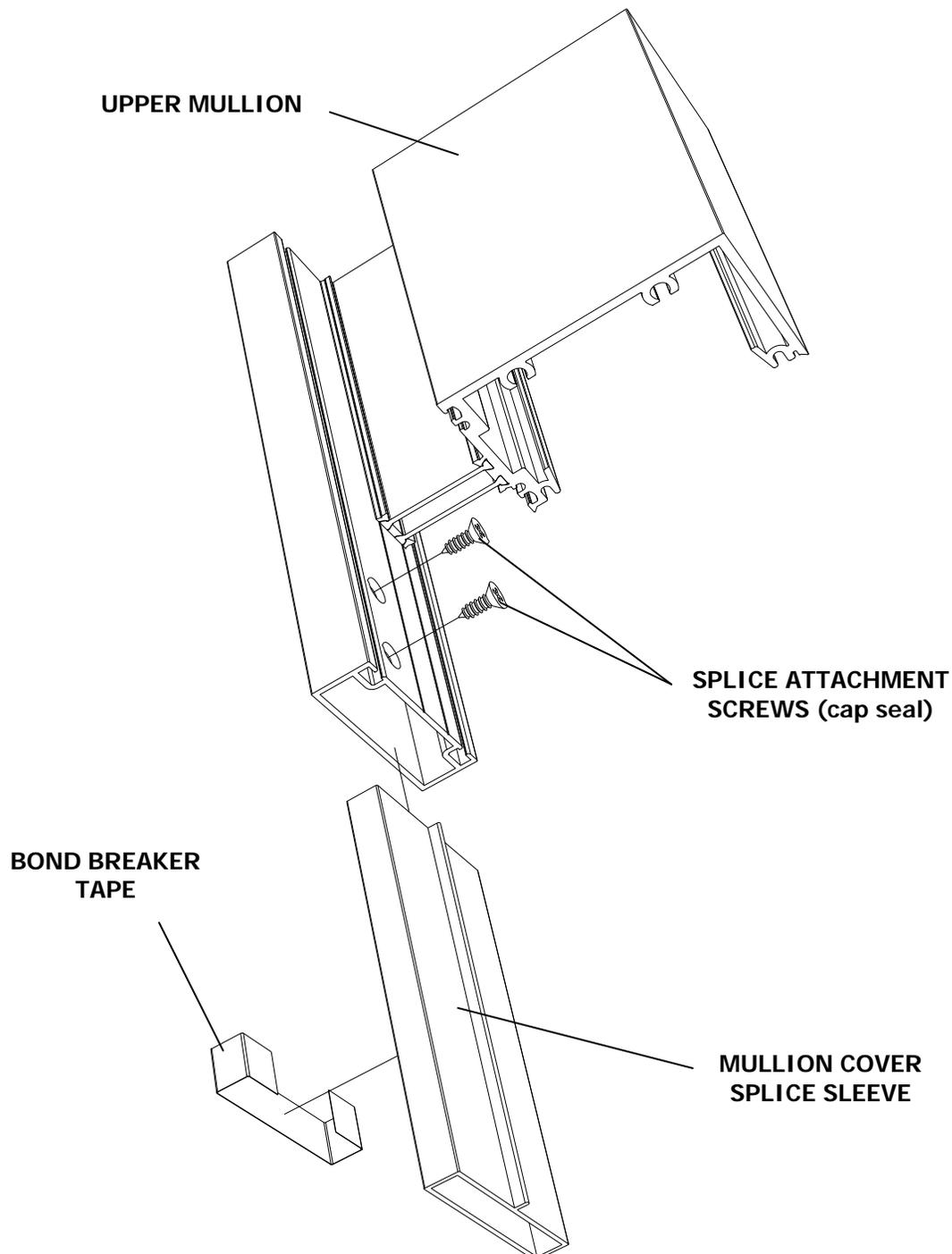
- A. Insert the 1/4" x 1" x 5" long foam caulk joint backer as shown below leaving 1" of the backer extending above the top of the mullion.
- B. Apply sealant between the thermal struts, starting where the notch in the mullion begins at the exterior cover, sealing the space to the top of the mullion as shown.
- C. Tool the sealant flush with the face of the notch of the thermal struts.



Section V: Vertical Splice Joints

STEP #4 ATTACH MULLION COVER SPLICE SLEEVES

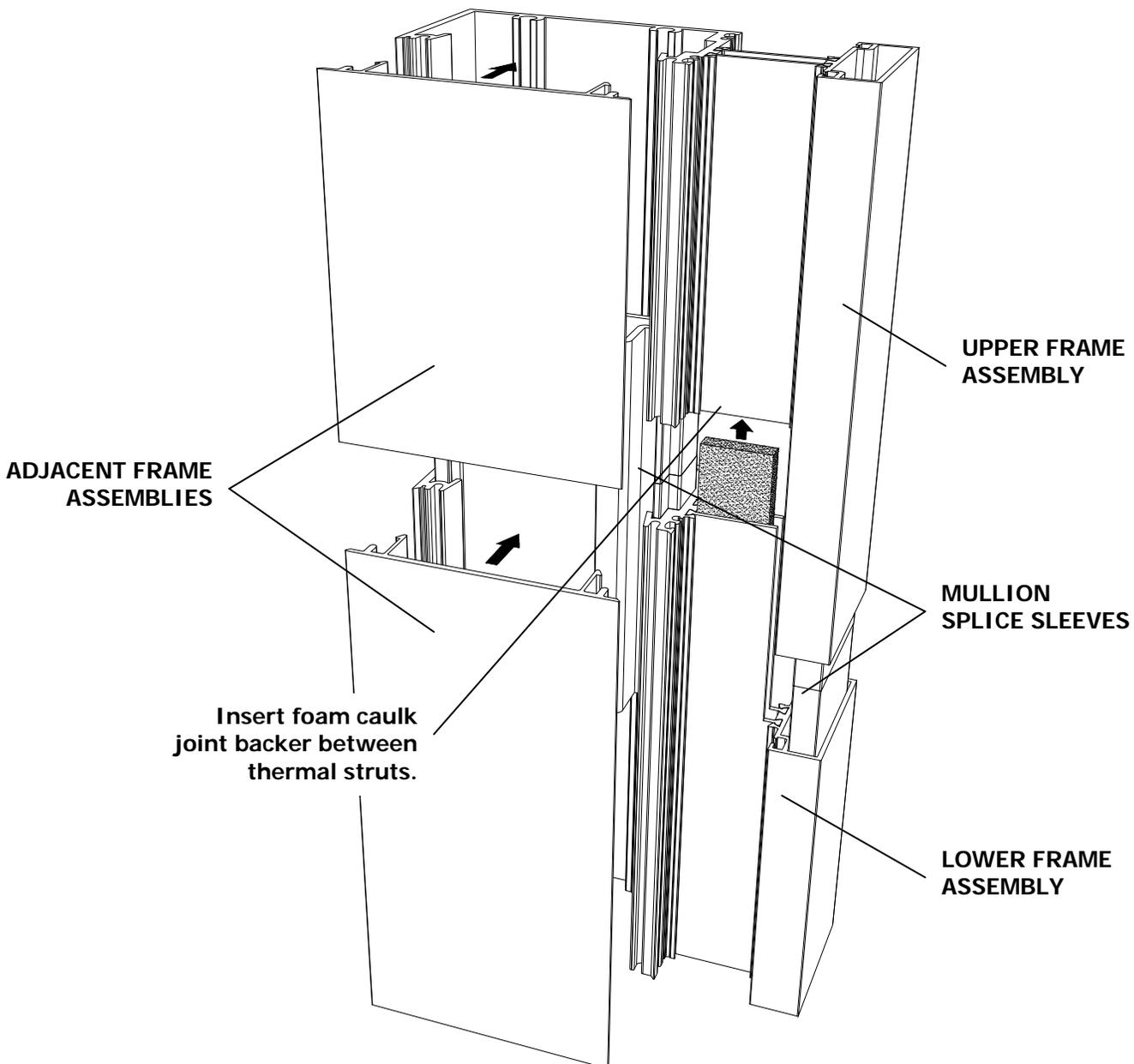
- A. Apply bond breaker tape to the mullion cover splice sleeve.
- B. For standard installation, attach the mullion cover splice sleeve to the bottom of the upper mullion with splice sleeve attachment screws. Cap seal the fastener heads.



Section V: Vertical Splice Joints

STEP #5 ALIGN AND STACK ASSEMBLED FRAMES

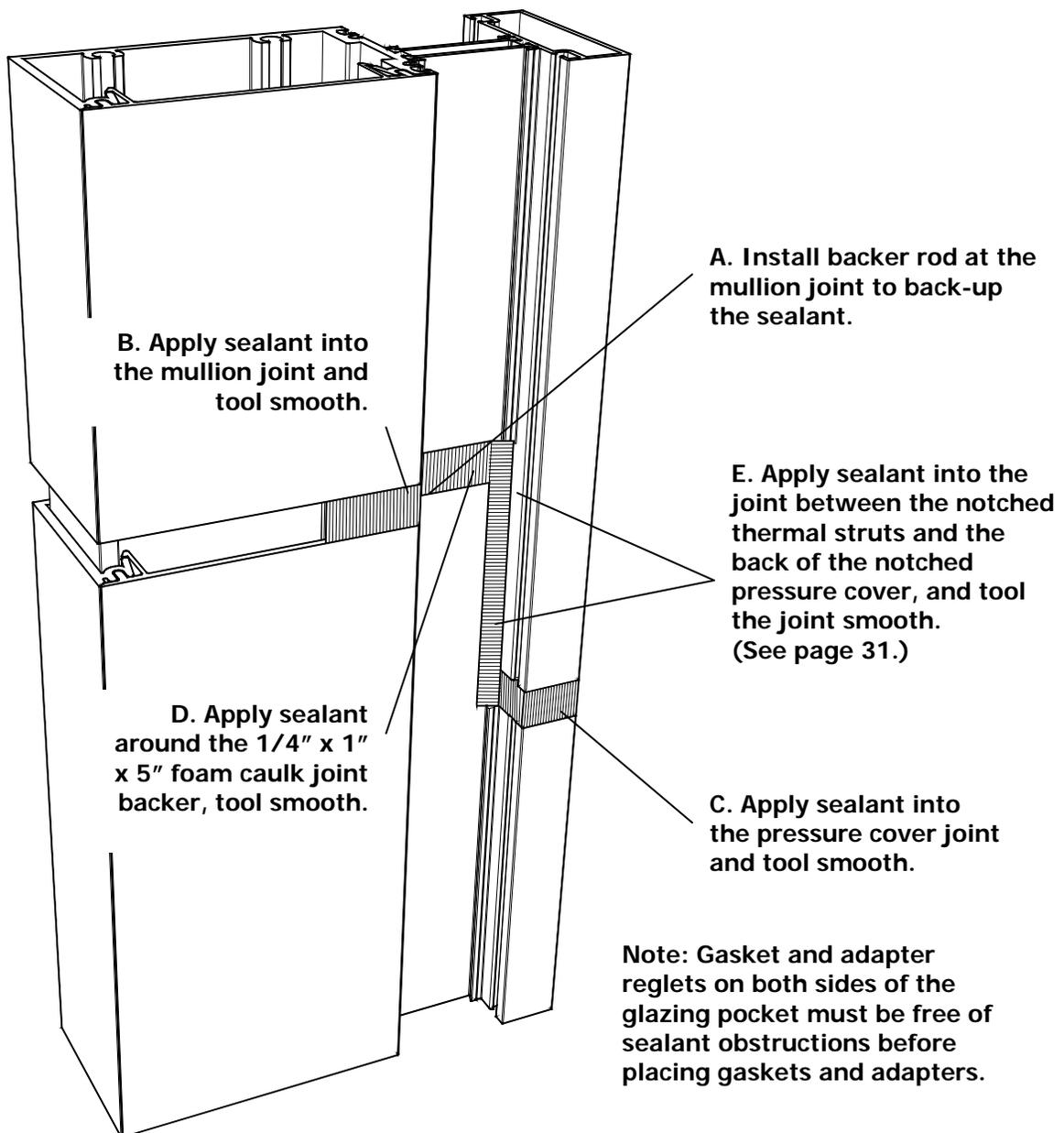
- A. Align the pre-assembled frames and stack together at the splice joints.
- B. Ensure the 1/4" x 1" x 5" long foam caulk joint backer is inserted into the gap between the thermal struts in the upper mullion as noted below.
- C. Position the mullions to the appropriate elevation with regard to established benchmarks, and shim or fix the mullions at their respective dead load anchor points.
- D. Snap-in both of the adjacent frames before sealing the mullion splice joints.
- E. Clean the splice sealant-contact areas per sealant manufacturer's recommendations.
- F. Apply backer rod between the mullions, adapters, and splice to back-up the joint, seal the joint and tool as shown on page 30.



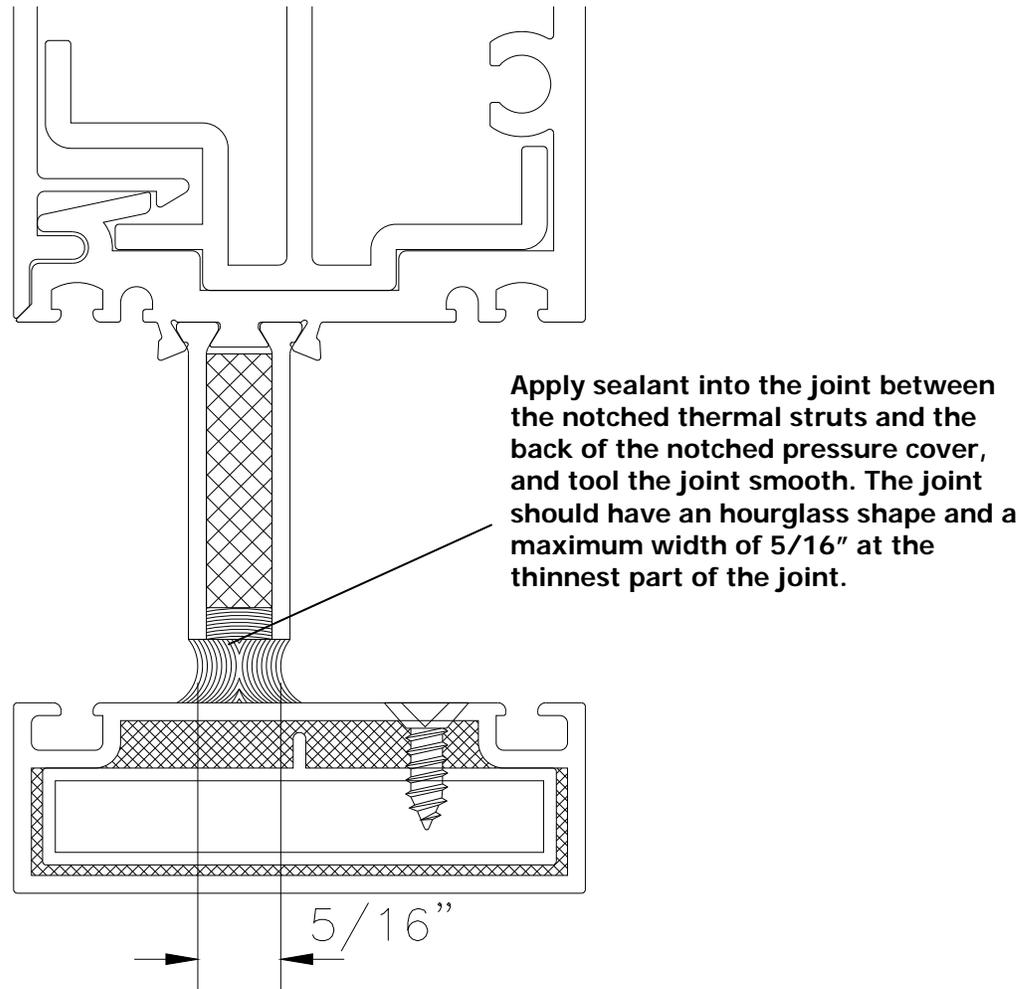
Section V: Vertical Splice Joints

STEP #6 SEAL MULLION SPLICE

- A. Install backer rod to back-up the sealant at the mullion joints as shown on page 24.
- B. Apply sealant into the mullion splice joint and tool the joint. Do not obstruct the glazing reglets.
- C. Apply sealant into the pressure cover splice joint and tool the joint. Do not obstruct the glazing reglets.
- D. Apply sealant around the 1/4" x 1" x 5" long foam caulk joint backer. Tool the joint and blend the sealant into the mullion splice joint and over the thermal struts. A minimum of 1/4" sealant surface contact with bonding surfaces is required.
- E. Apply sealant into the joint between the notched thermal struts and the back of the notched pressure cover and tool the joint smooth (see page 31.)



Section V: Vertical Splice Joints

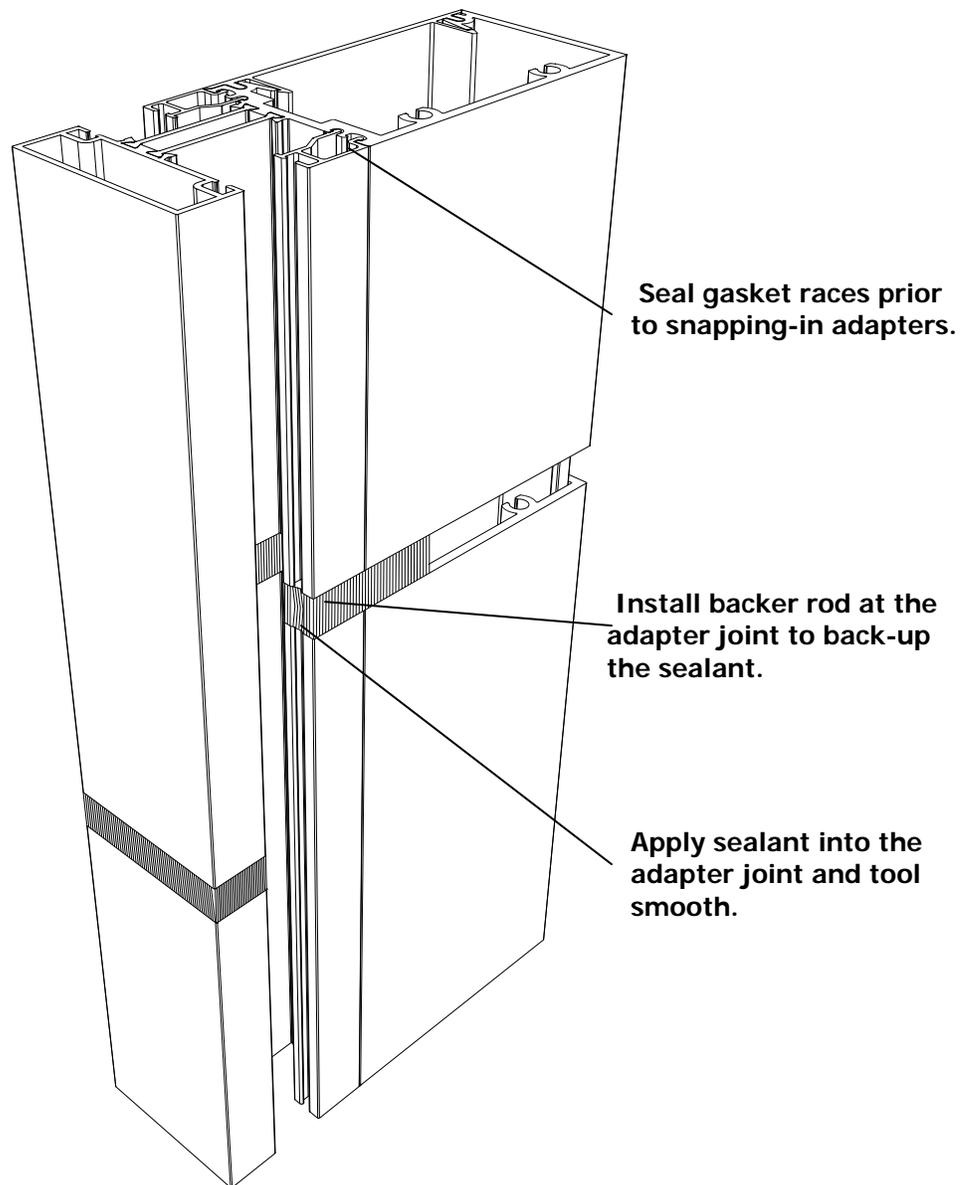


SPLICE JOINT DETAIL

Section V: Vertical Splice Joints

STEP #7 INSTALL AND SEAL ADAPTERS

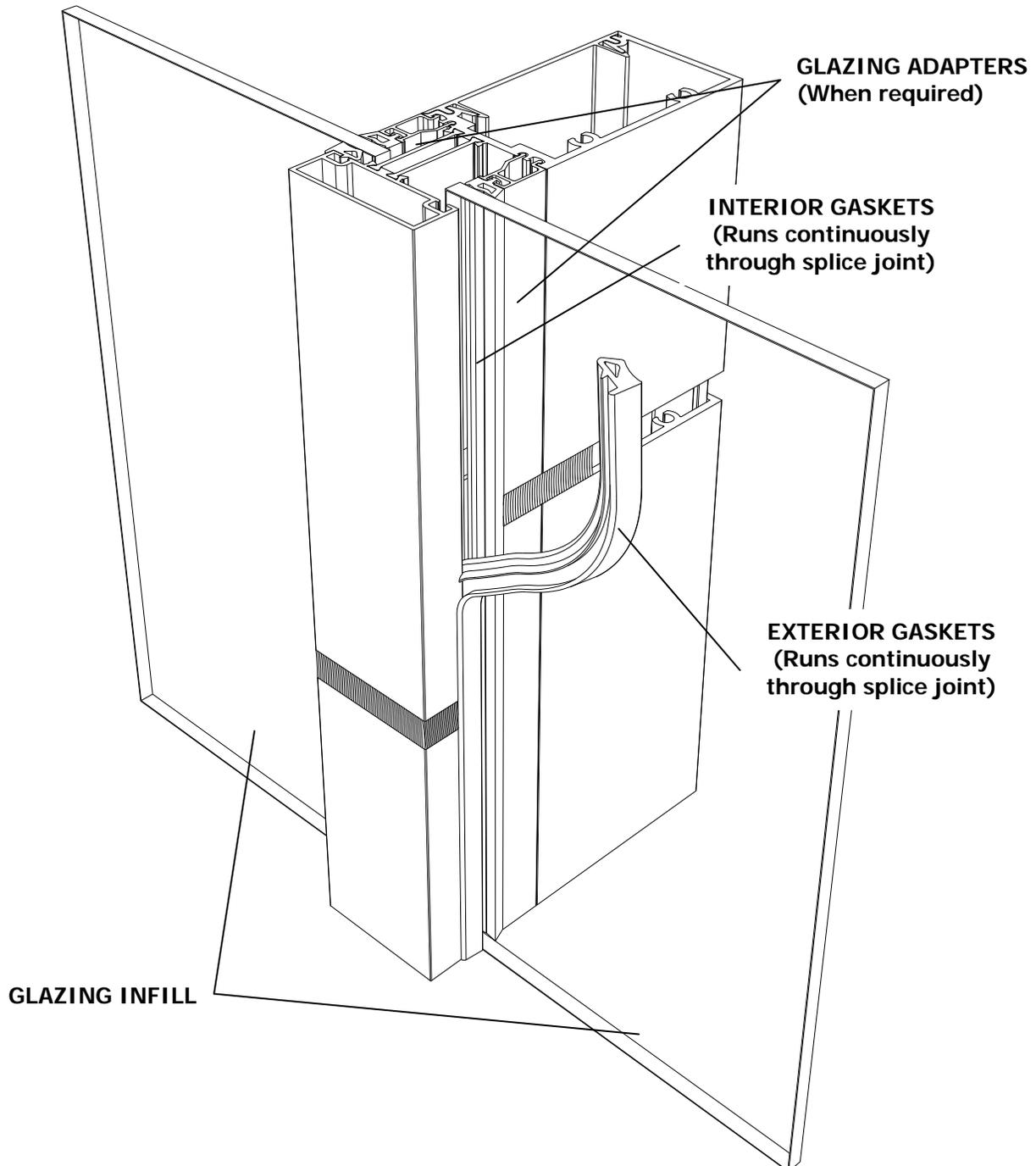
- A. Seal gasket races continuously and snap-in adapters, if required.
- B. Snap-in adapters, carefully using a small pry bar, if required.
- C. Install backer rod to back-up sealant at the glazing adapters.
- D. Apply sealant and tool into joints. Do not obstruct the glazing reglets.



Section V: Vertical Splice Joints

STEP #8 INSTALL INTERIOR GASKETS, GLAZING, AND EXTERIOR GASKETS

- A. Install the interior gaskets allowing them to span the mullion splice joint.
- B. Set the glazing into the opening as previously instructed.
- C. Apply the exterior vertical drive-in wedge gaskets into the vertical mullions as shown in Section VI of the Standard Installation Instructions.
- D. Apply the horizontal pressure covers and horizontal exterior drive-in wedge gaskets at the top and bottom of the lite as shown in the Standard Installation Instructions.

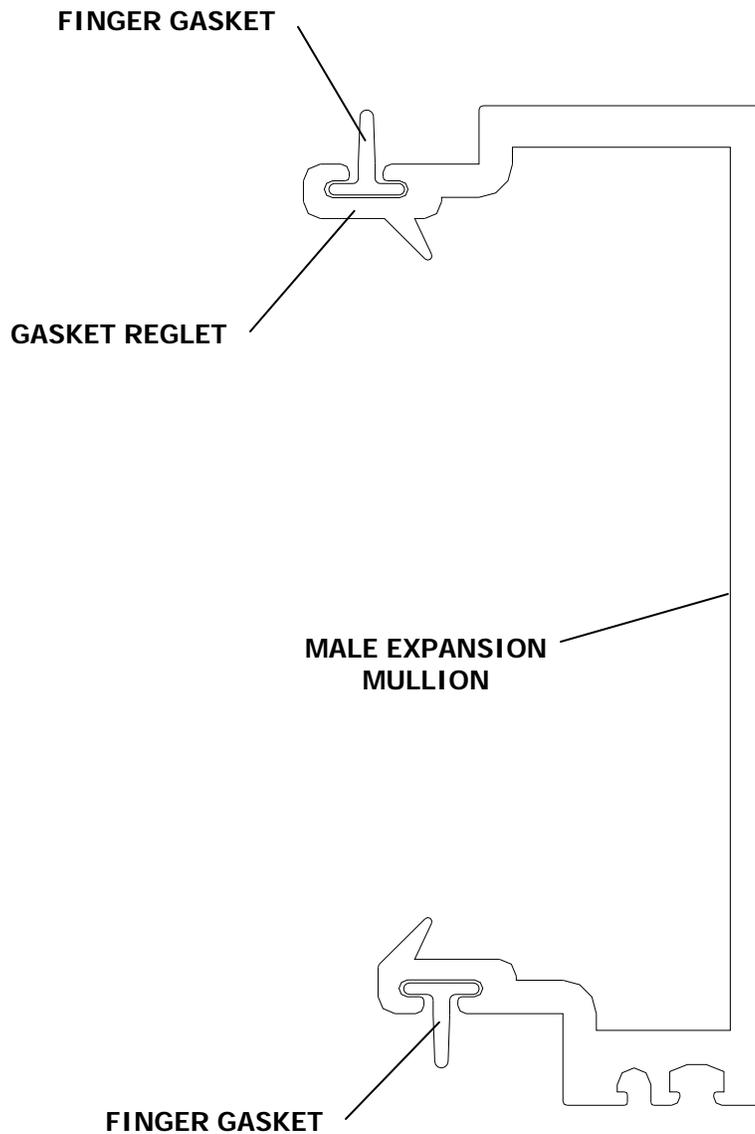


Section VI: Expansion Mullions

STEP #1 PREPARE EXPANSION MULLIONS

Expansion mullions are required for elevations wider than 20'-0". The maximum spacing between expansion mullions is 20'-0". Refer to the approved shop drawings for specific locations and more information.

- A. Thread the finger gaskets into the reglets of the male half of the expansion mullion for the full length of the mullion. Refer to the approved shop drawings for part numbers.
- B. Crimp the reglet at the finger gaskets about 1/2" from each end with a chisel or similar tool to lock the gasket in place.

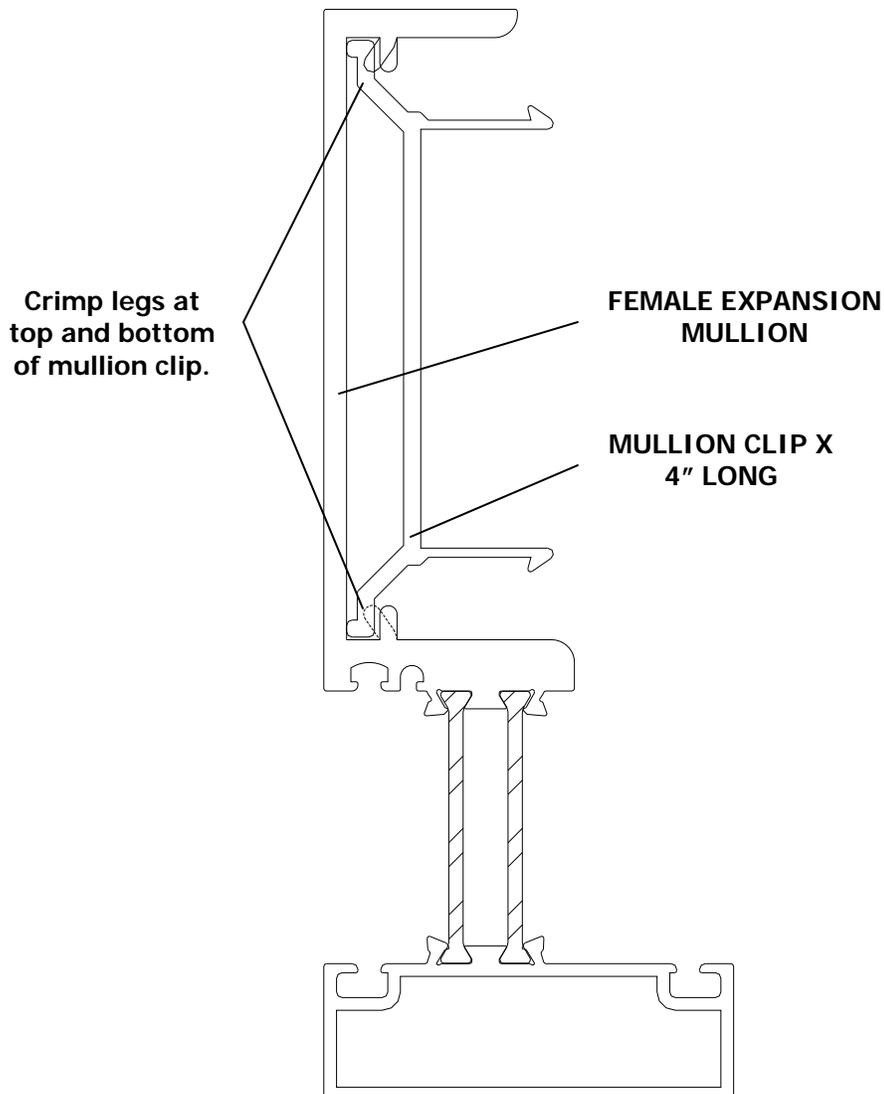


Section VI: Expansion Mullions

STEP #1 (Continued) PREPARE EXPANSION MULLIONS

When vertical D.L.O.s exceed 48", mullion clips may be required at the center of the lite.
Contact EFCO or refer to the approved shop drawings for more information.

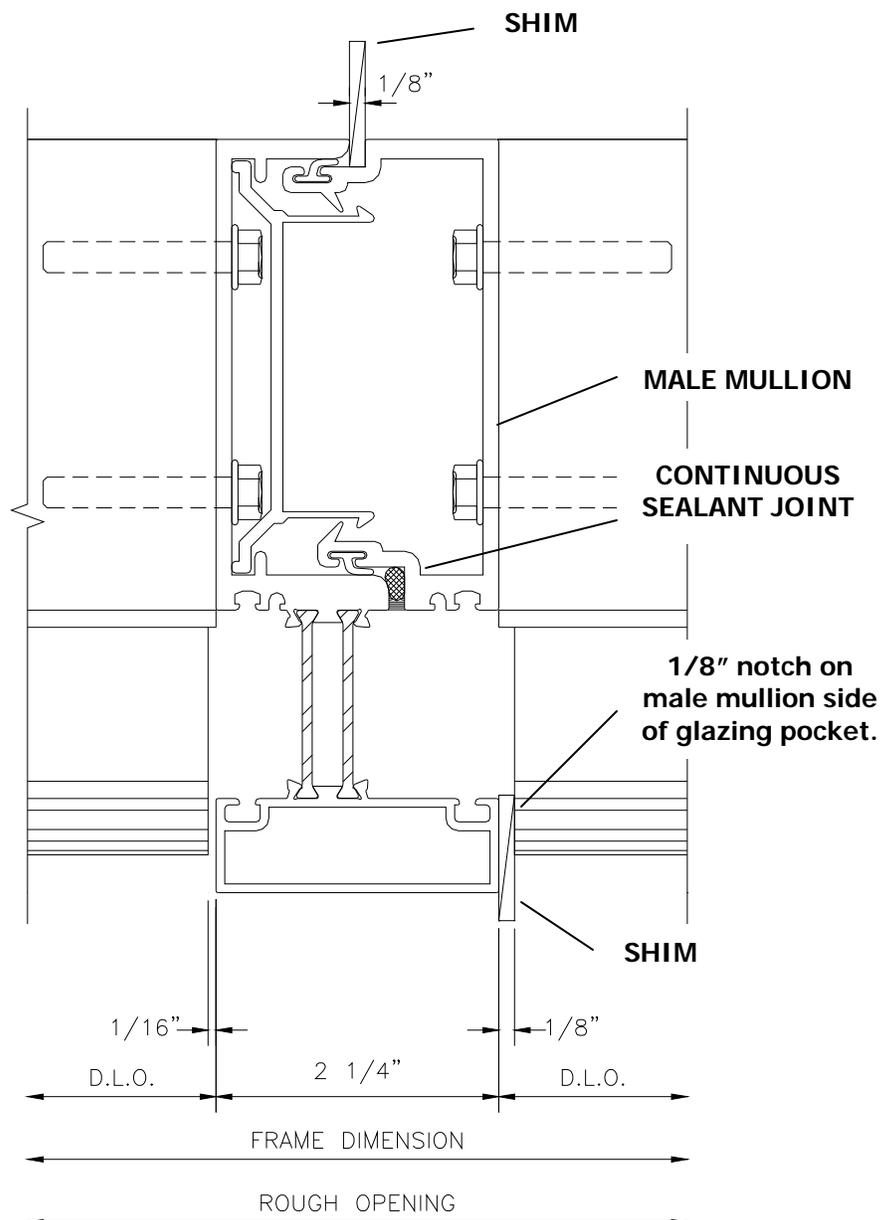
- A. Slide the mullion clips into the grooves of the mullion as shown below.
- B. Crimp the legs at each end of the mullion clip with a punch or similar tool to lock it in place. Refer to the approved shop drawings for more information.



Section VI: Expansion Mullions

STEP #2 STACK EXPANSION MULLIONS

- A. Apply a continuous bead of sealant to the male mullion half as noted below.
- B. After the frames are assembled as instructed in Section II, install the frames using the anchor methods required. Stack the expansion mullions together using 'C' clamps to press each half of the mullion together. Use shims as shown below to prevent from closing the expansion mullion. Remove the shims after the anchors are set.
- C. Tool the sealant joint in the space between the expansion mullions as shown below. This seal will marry with the joint plug seals when the joint plugs are applied.

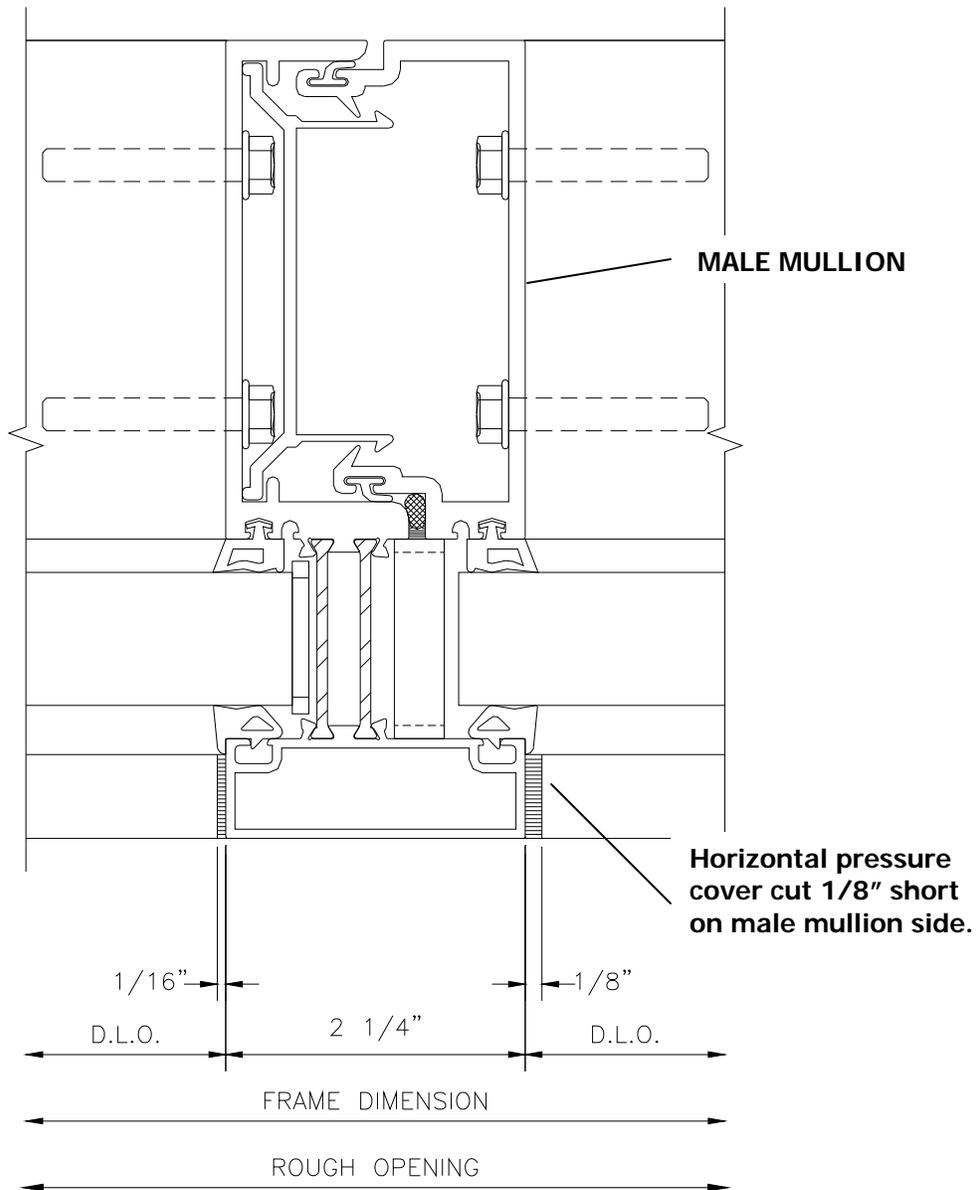


Section VI: Expansion Mullions

STEP #3 GLAZE EXPANSION MULLIONS

A. Glaze the curtain wall as instructed in Sections IV, V, and VI of the Standard Installation Instructions.

IMPORTANT NOTE: The horizontal and horizontal pressure cover must be notched, or cut 1/8" short on the male mullion side of the glazing pocket, as shown below to allow for horizontal expansion and contraction of the curtain wall.

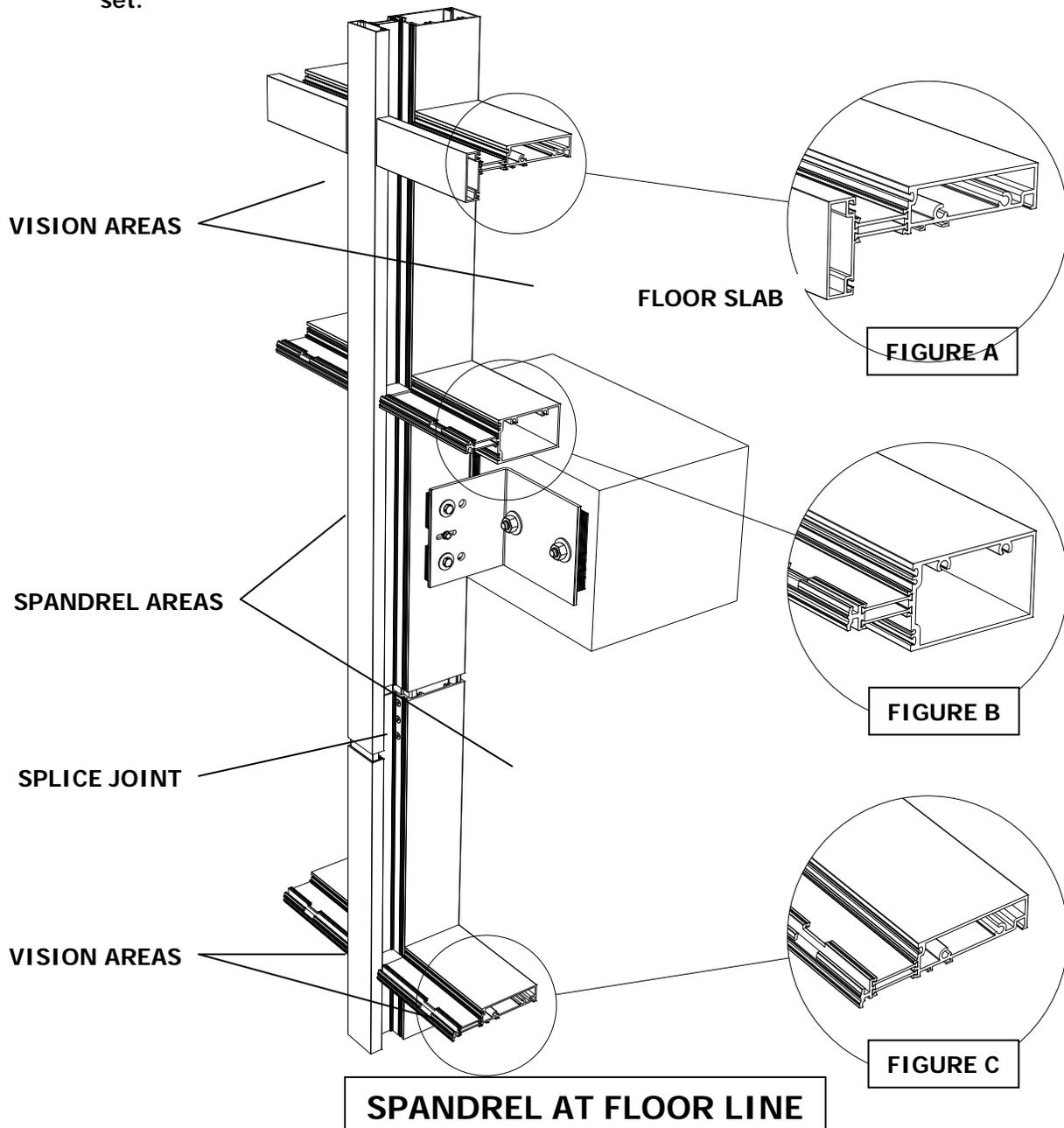


Section VII: Glazing at Spandrel Areas of I.G. Frames

Note: S-5500 curtain wall must be outside glazed at the floor lines, some column locations, shear walls and parapet areas, or any other area that would not allow the glazing infill to be inside set. Refer to the approved shop drawings for locations and exact configuration of the spandrel areas. The following is a guide for a typical floor line spandrel installation.

GLAZING SPANDREL AREAS AT FLOOR LINES

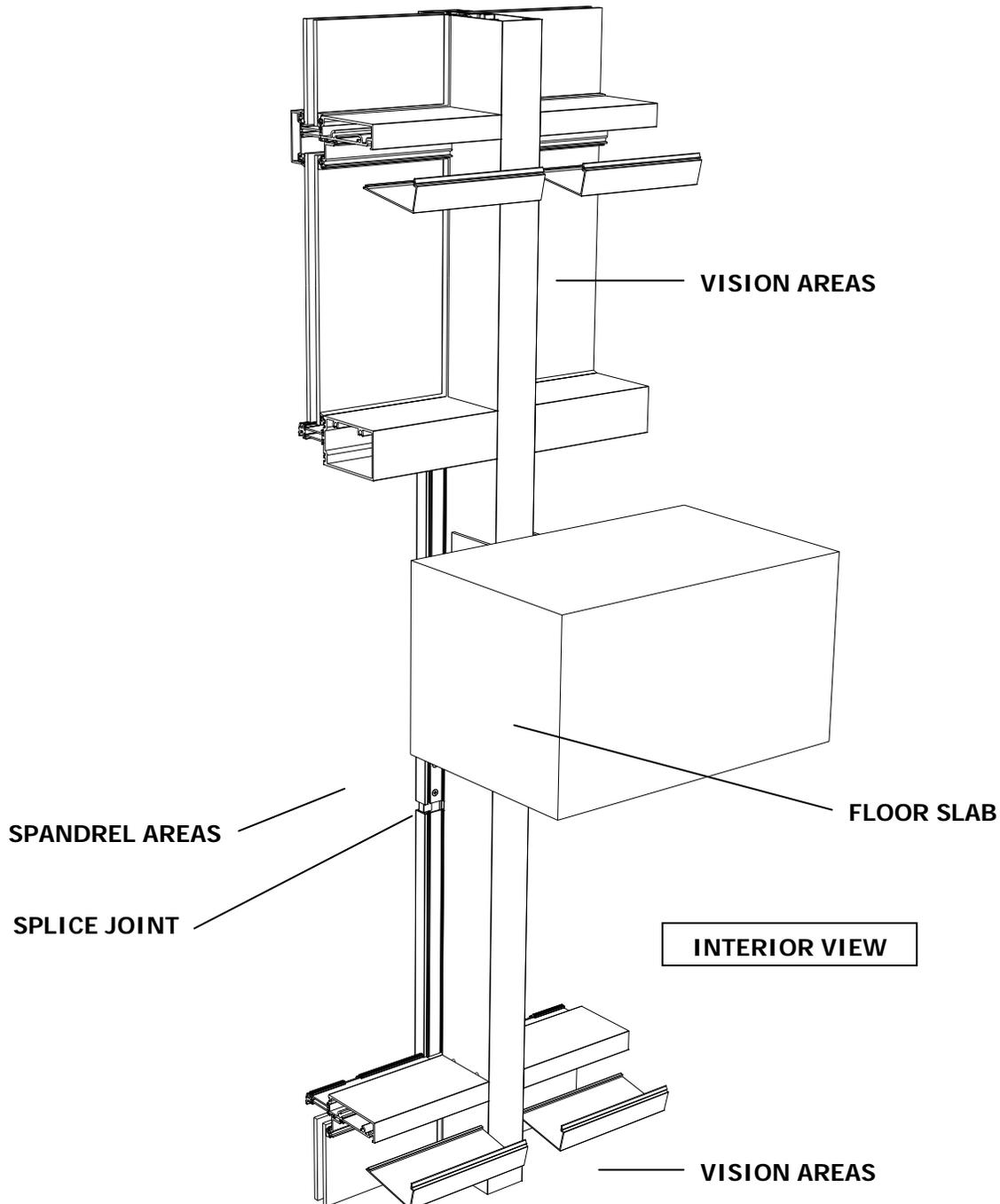
- A. Vision lites will consist of inside glazed horizontals at the head of the lite as shown in "FIGURE A" below.
- B. The top of the spandrel lite and any intermediate horizontals within the spandrel areas will consist of an outside glazed horizontal with a roll-on pressure cover as shown in "FIGURE B" below.
- C. The bottom of the spandrel lite above the vision area will consist of an inside/outside-glazed horizontal with a roll-on pressure cover and removable interior bead as shown in "FIGURE C" below. This will allow the spandrel lite to be outside set and the vision lite to be inside set.



Section VII: Glazing at Spandrel Areas of I.G. Frames

STEP #1 GLAZE ADJACENT VISION AREAS

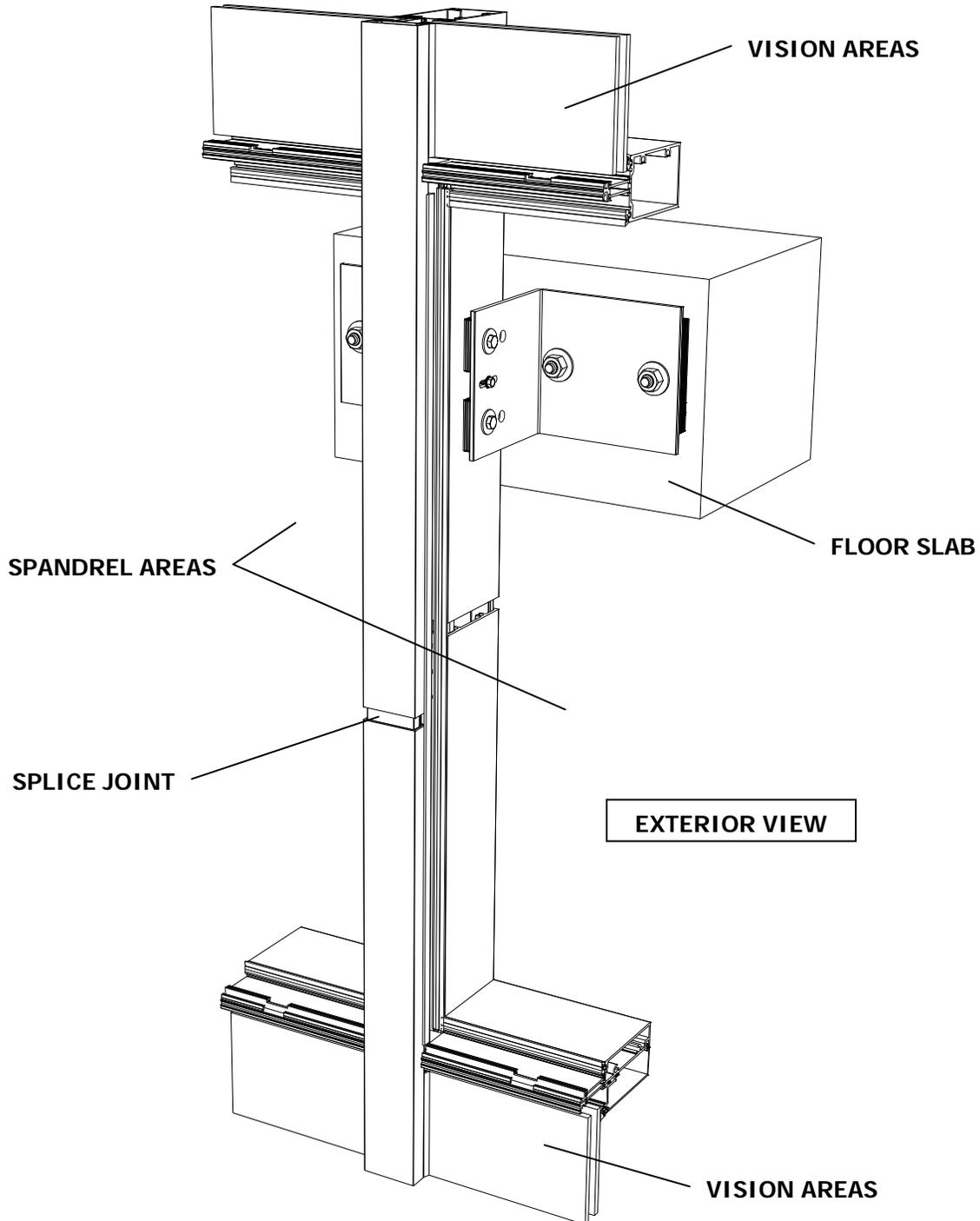
- A. Apply the setting blocks at the bottom of the vision lites above and below the spandrel areas per the approved shop drawings.
- B. Install the preset glazing gaskets on the exterior side of the glazing pocket at the vision areas per "Glazing Preparation" in Section IV of the Standard Installation Instructions.
- C. Set the glazing infill and anti-walk blocks into the vision areas as instructed per "Glazing Installation" in Section V of the Standard Installation Instructions.
- D. Apply the interior glazing beads and drive-in wedge glazing gaskets per "Interior Drive-In Gasket & Glazing Bead Installation" in Section VI of the Standard Installation Instructions.



Section VII: Glazing at Spandrel Areas of I.G. Frames

STEP #2 INSTALL SETTING BLOCKS AND PRESET GASKETS INTO MULLIONS

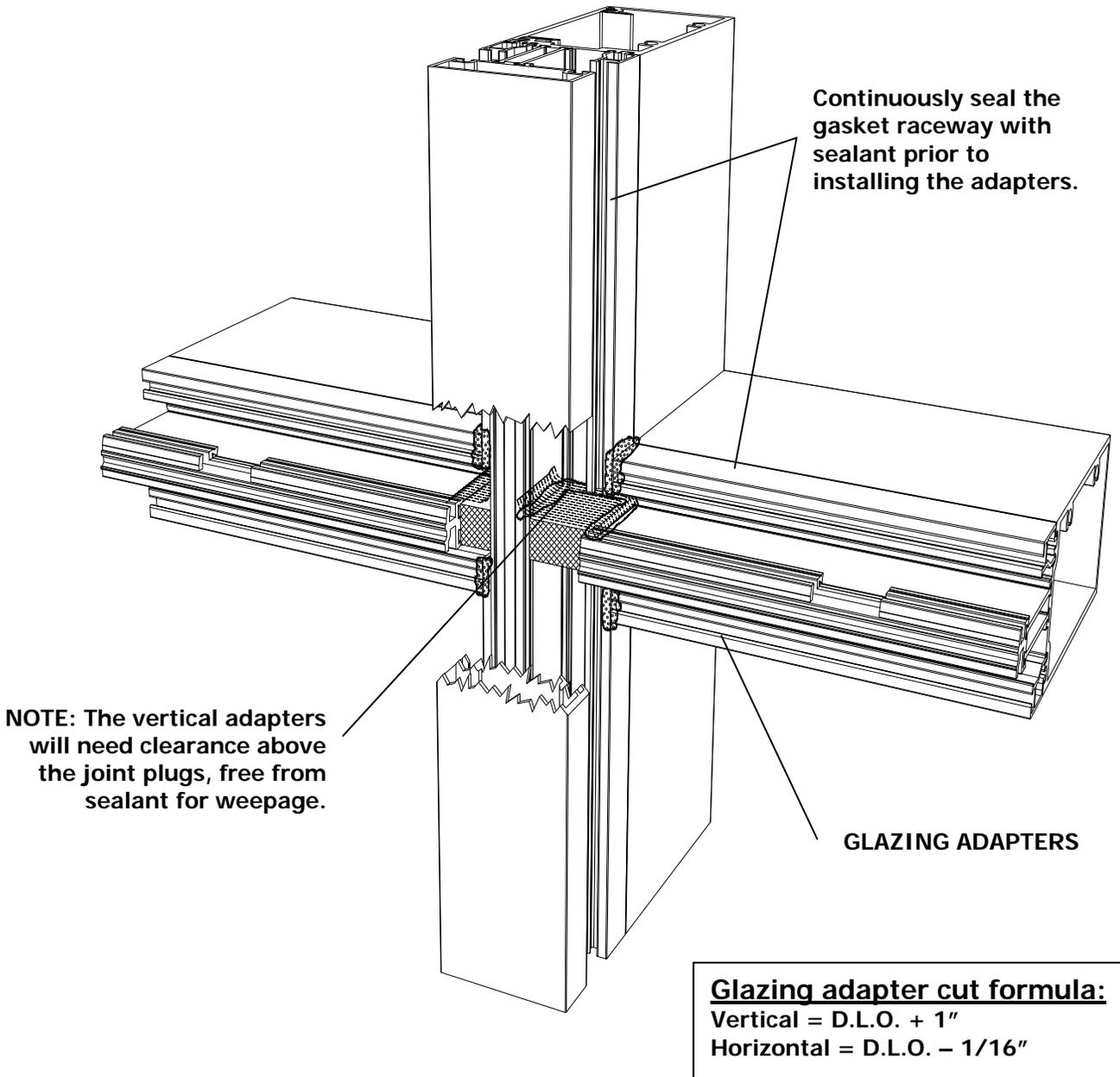
- A. Apply the setting blocks at the bottom of the spandrel lites per the approved shop drawings.
- B. Install the preset glazing gaskets per "Glazing Preparation" in Section IV of the Standard Installation Instructions, except the gaskets will be set on the *interior* side of the glazing pocket as shown below.



Section VIII: Captured Glazing Adaptor Installation

STEP #1 INSTALL GLAZING ADAPTERS

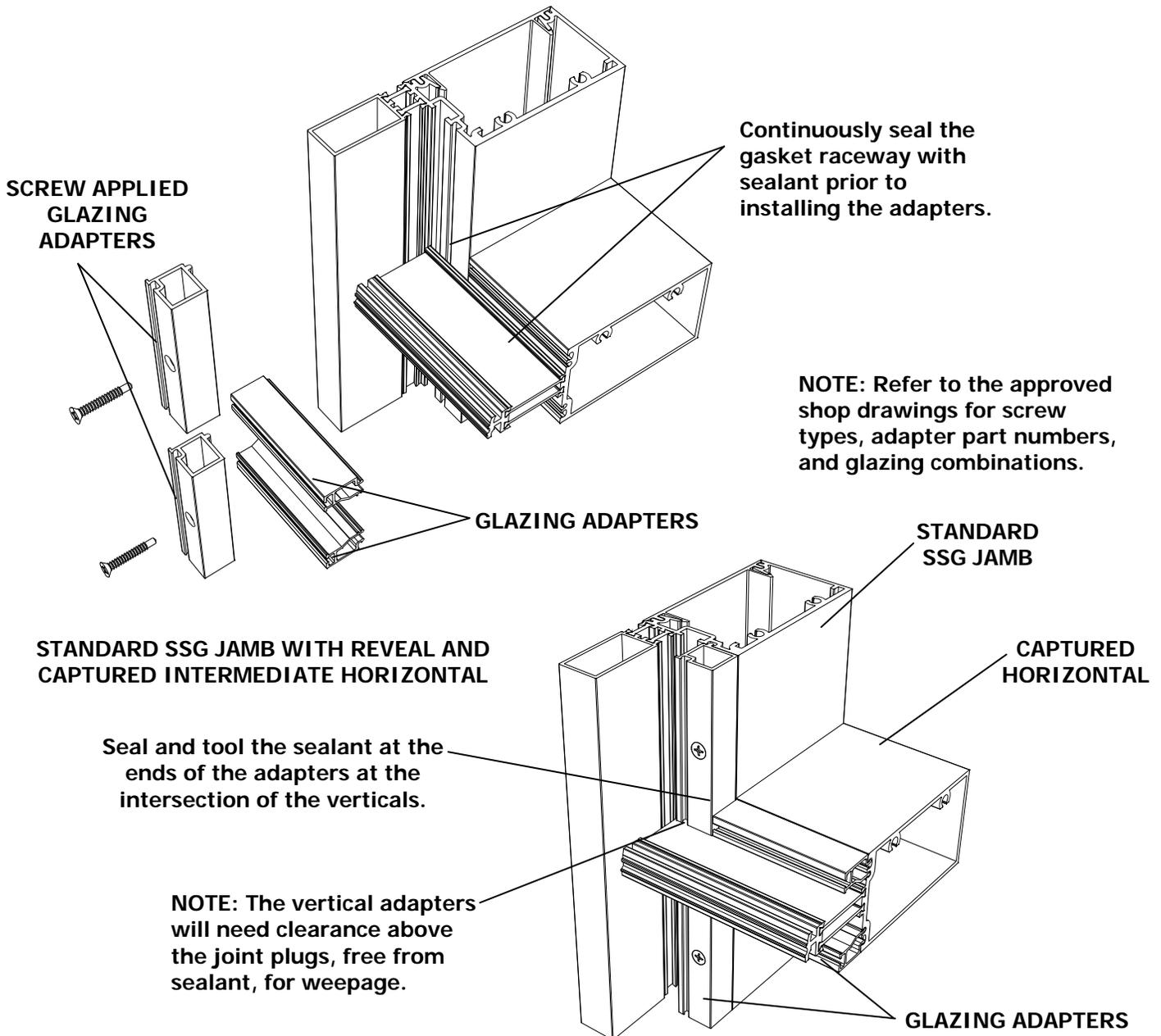
- A. Prior to installing the glazing adapters, seal the full length of the gasket raceway with sealant.
- B. Snap the glazing adapters in place into the sealant starting with the verticals. Allow at least 1/8" clearance from the bottom of the glazing adapters to the top of the joint plugs to allow for weepage.
- C. Apply sealant to the ends of the horizontal adapters prior to setting them into position. Snap the horizontal adapters in place between the vertical adapters. Seal the face of the adaptor intersections with sealant. Tool all sealant joints and remove all excess sealant.



Section VIII: SSG Glazing Adaptor Installation

STEP #1 INSTALL GLAZING ADAPTERS IF REQUIRED

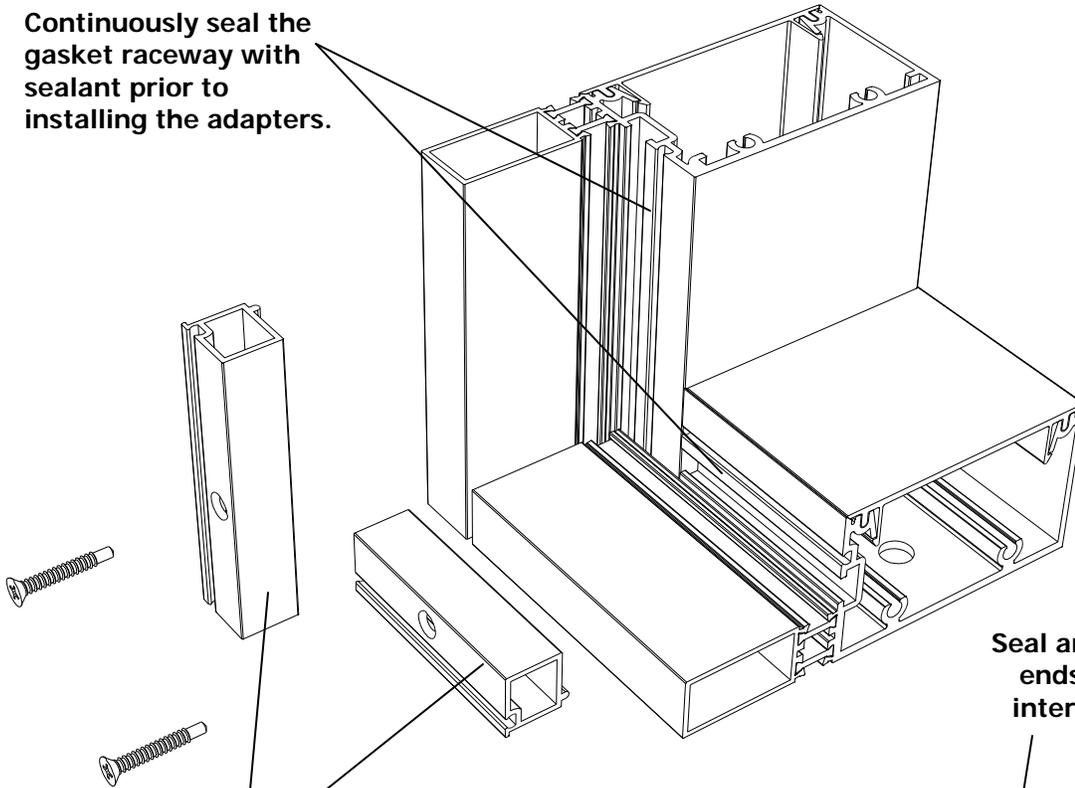
- A. Prior to installing the glazing adapters, seal the full length of the gasket raceway with sealant.
- B. Snap or screw apply the glazing adapters in place into the sealant, starting with the verticals. Allow at least 1/8" clearance from the bottom of the glazing adapters to the top surface of the glazing pocket at captured horizontals to allow for weepage.
- C. Apply sealant to the ends of the horizontal adapters prior to setting them into position. Snap or screw apply the horizontal adapters in place between the vertical adapters. Seal the face of the adapter intersections with sealant. Seal all screw heads with sealant. Tool all sealant joints, and remove all excess sealant.



Section VIII: SSG Glazing Adaptor Installation

STEP #1 INSTALL GLAZING ADAPTERS (CONTINUED)

Continuously seal the gasket raceway with sealant prior to installing the adapters.



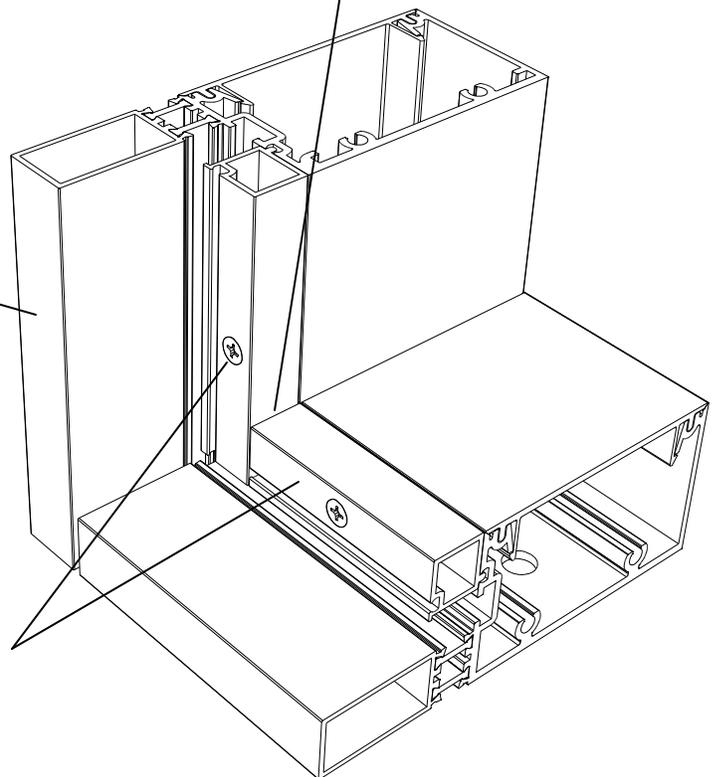
SCREW APPLIED
GLAZING
ADAPTERS

Seal and tool the sealant at the ends of the adapters at the intersection of the verticals.

STANDARD
SSG JAMB

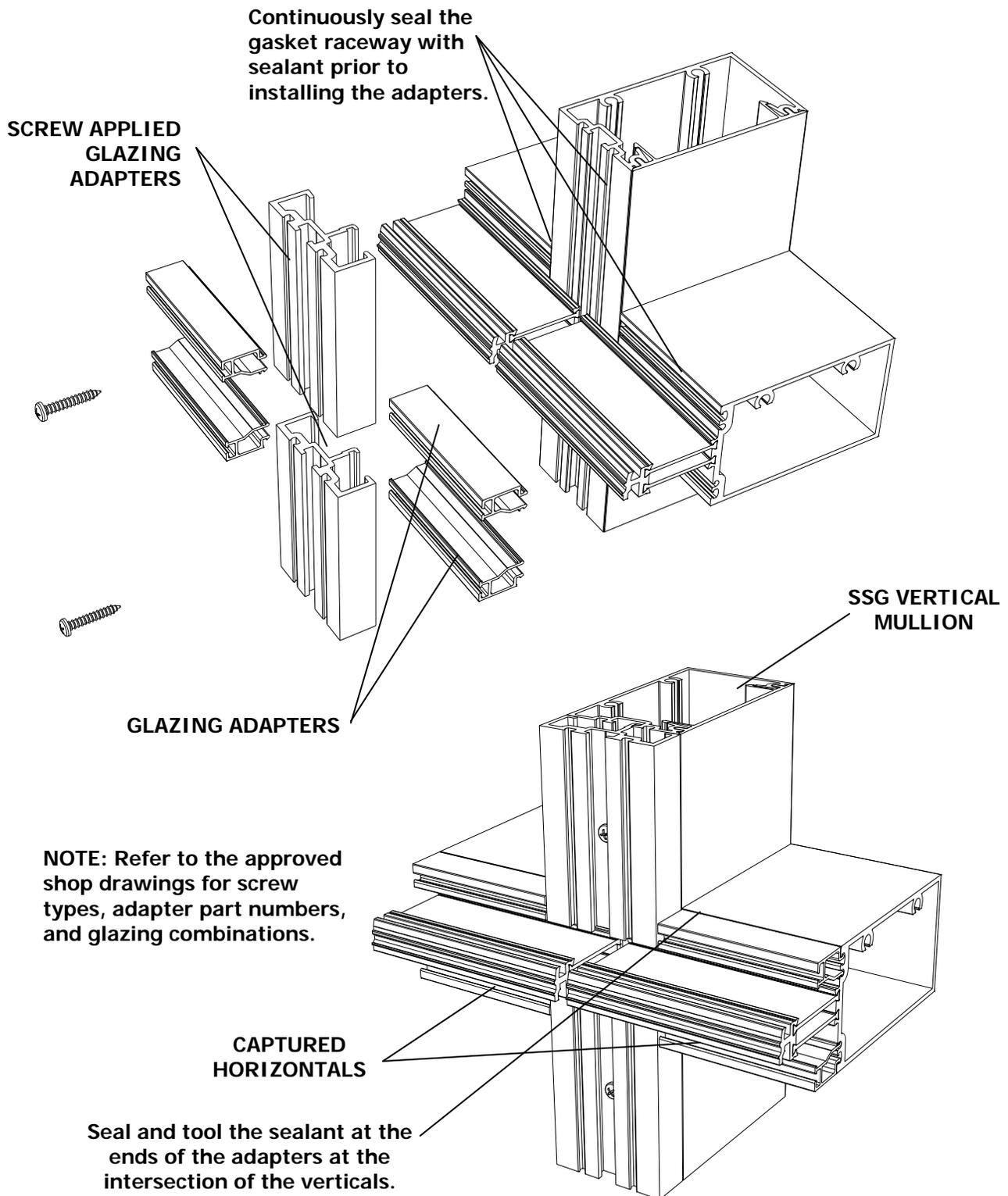
NOTE: Refer to the approved shop drawings for screw types, adapter part numbers, and glazing combinations.

GLAZING ADAPTERS



Section VIII: SSG Glazing Adaptor Installation

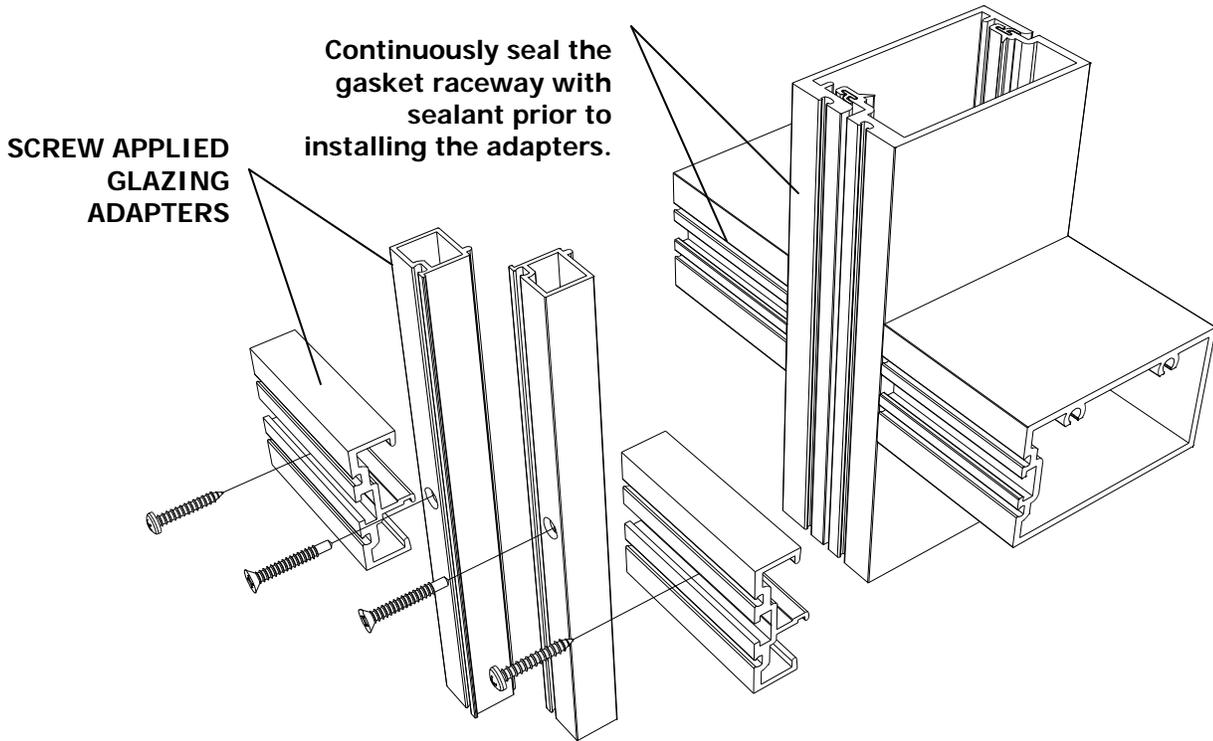
STEP #1 INSTALL GLAZING ADAPTERS (CONTINUED)



STANDARD SSG VERTICAL AND CAPTURED INTERMEDIATE HORIZONTAL

Section VIII: SSG Glazing Adaptor Installation

STEP #1 INSTALL GLAZING ADAPTERS (CONTINUED)



NOTE: Refer to the approved shop drawings for screw types, adapter part numbers, and glazing combinations.

SSG EXPANSION MULLION

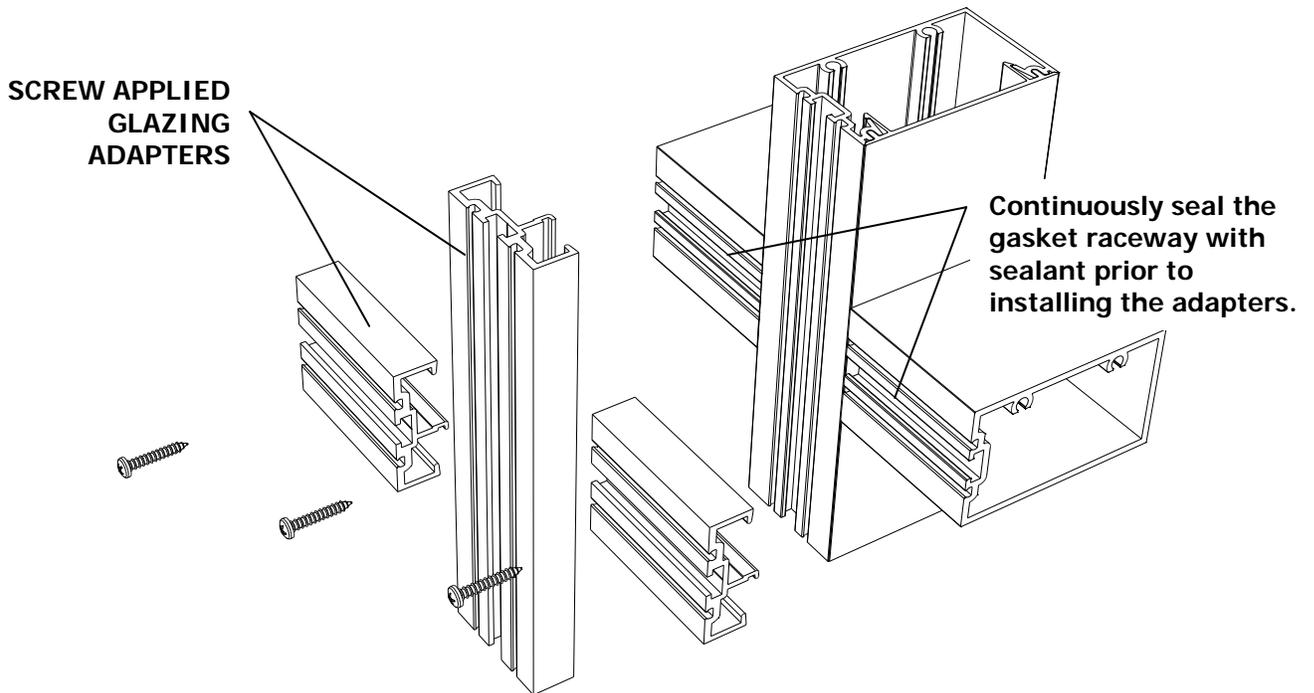
SSG HORIZONTAL MULLIONS

Seal and tool the sealant at the ends of the adapters at the intersection of the verticals.

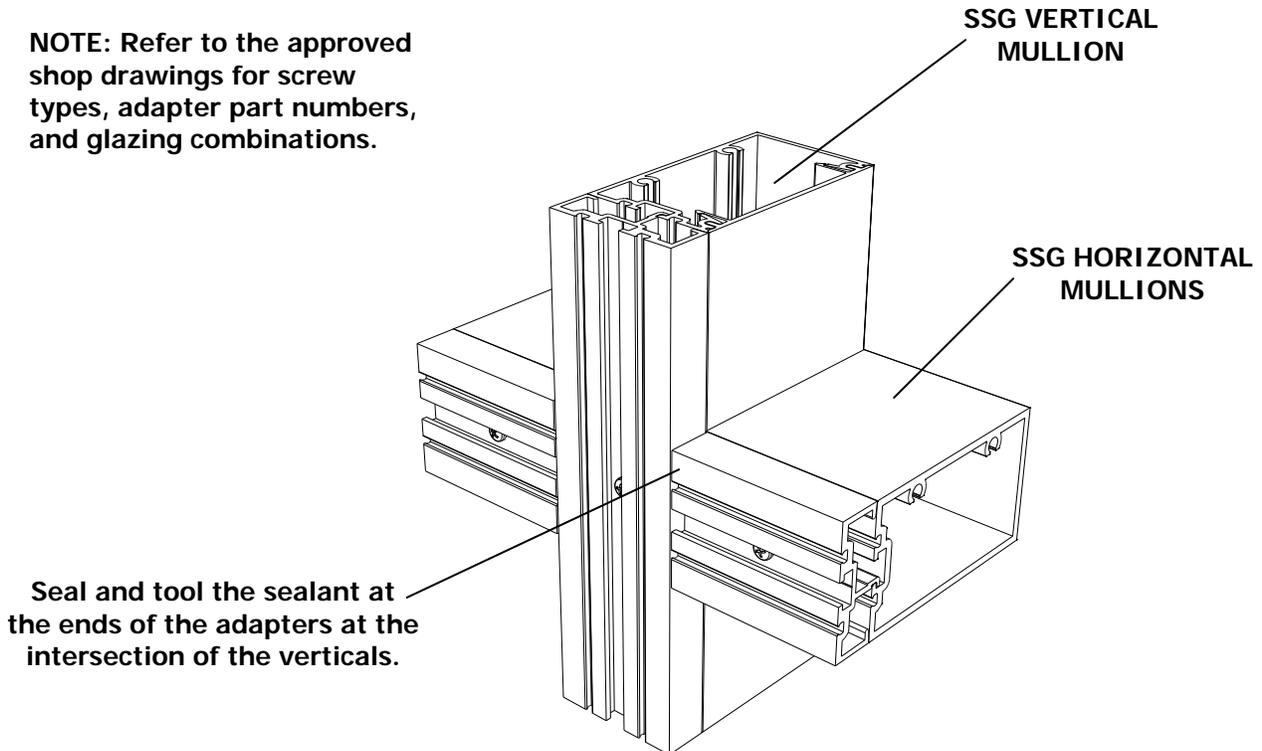
**SSG INTERMEDIATE EXPANSION VERTICAL AND
SSG INTERMEDIATE HORIZONTAL**

Section VIII: SSG Glazing Adaptor Installation

STEP #1 INSTALL GLAZING ADAPTERS (CONTINUED)



NOTE: Refer to the approved shop drawings for screw types, adapter part numbers, and glazing combinations.



**SSG INTERMEDIATE VERTICAL AND
SSG INTERMEDIATE HORIZONTAL**