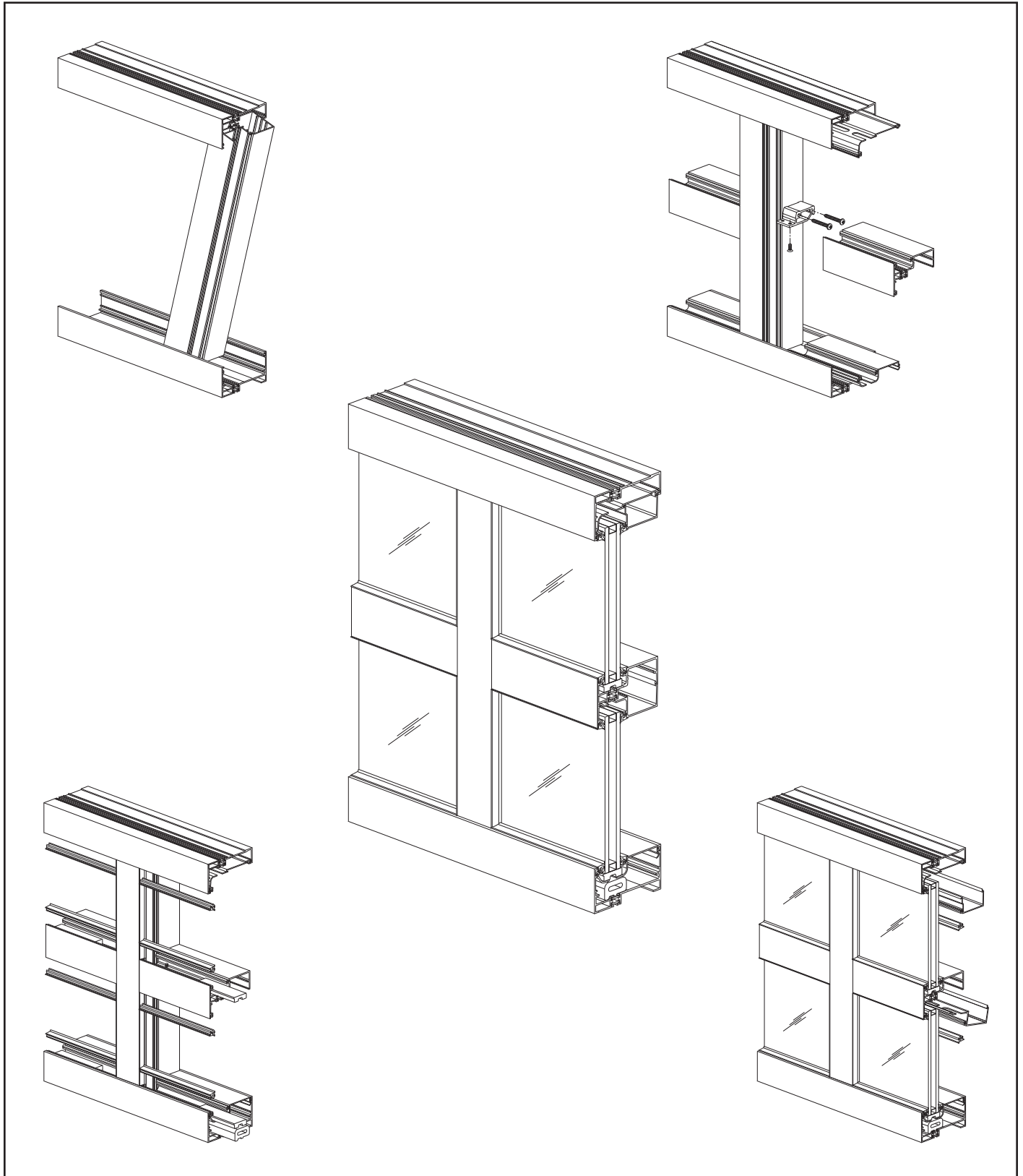


YCN 40 T Thermal Window Wall Can System



Installation Manual

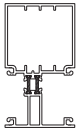
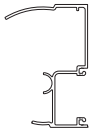
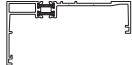
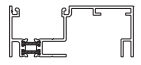

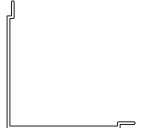



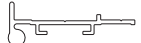


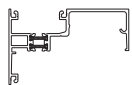


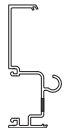

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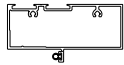
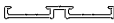

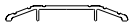







Installation Notes

1. Do not drop, roll or drag boxes of aluminum framing. Move and stack boxes with proper support to prevent distortion. If fork lifts are used be especially careful about striking the boxes when lifting or moving.
2. Store in a dry, out of the way area. If rain exposure, condensation or any water contact is likely, then all packaging material should be removed. Wet packaging materials will discolor and may stain aluminum finishes and paints.
3. All materials should be checked for quality and quantity upon receipt, YKK AP must be notified immediately of any discrepancies in shipment. Check to make sure that you have the required shims, sealants, supplies and tools necessary for the installation.
4. Carefully check the openings and surrounding conditions that will receive your material. Remember, if the construction is not per the construction documents, it is your responsibility to notify the general contractor in writing. Any discrepancies must be brought to the general contractor's attention before you proceed with the installation.
5. Gather your shop drawings, materials, packing list, and this installation manual. Carefully review parts location, the sequence it goes therein, when you glaze it and how you seal it. Installation instructions are of a general nature and may not cover every condition you will encounter. The shop drawings and/or installation manuals were prepared specifically for the product.
6. Any material substitutions must be of equal or greater quality.
7. Make certain that material samples have been sent for compatibility testing for all manufacturer's sealants involved. Make certain sealants have been installed in strict accordance with the manufacturer's recommendations and specifications.
8. Remember to isolate, in an approved manner, all aluminum from uncured masonry or other incompatible materials.
9. System-to-structure fasteners are not supplied by YKK AP. Fasteners called out on shop drawings are to indicate minimum sizes for design loading.
10. Entrances are to be installed plumb, square, level and true.
11. If any questions arise concerning YKK AP products or their installation, contact YKK AP for clarification before proceeding.
12. YKK AP storefront and/or curtain wall framing is typically completed before drywall, flooring and other products which may still be in process. Take the extra time to wrap and protect the work produced.
13. Cutting tolerances are plus zero (0"), minus one thirty second (-1/32") unless otherwise noted.
14. Check our website, www.ykkap.com, for the latest installation manual update prior to commencing work.





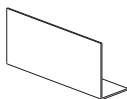



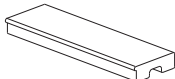

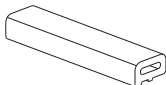



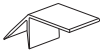

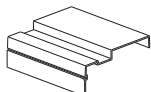

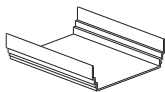





FRAMING MEMBERS

	Vertical	BE9-1441		Inside Hinged Mullion 3° to 15° Male	BE9-1449
	Head Receptor	BE9-1442		90° Inside/Outside Corner Mullion	BE9-1463
	Sill Receptor	BE9-1443		90° Inside/Outside Corner Filler	E9-1438
	Head Filler Use with BE9-1442	BE9-1444		90° Inside/Outside Corner Support Use with E9-1440	E9-1439
	Sill Filler Use with BE9-1443	BE9-1445		90° Inside/Outside Corner Support Use with E9-1439	E9-1440
	Glass Stop For BE9-1444 head filler	E9-1416		Glazing Adaptor For 5/8" & 3/4" Glazing	E9-1039
	Horizontal	BE9-1461		Glazing Adaptor For 3/16", 1/4", 5/16" & 3/8" Glazing	E9-1040
	Interior Glass Stop For BE9-1461 horizontal	BE9-1462			
	Hinged Mullion Female	BE9-1447			
	Outside Hinged Mullion 4° to 22.5° Male	BE9-1448			

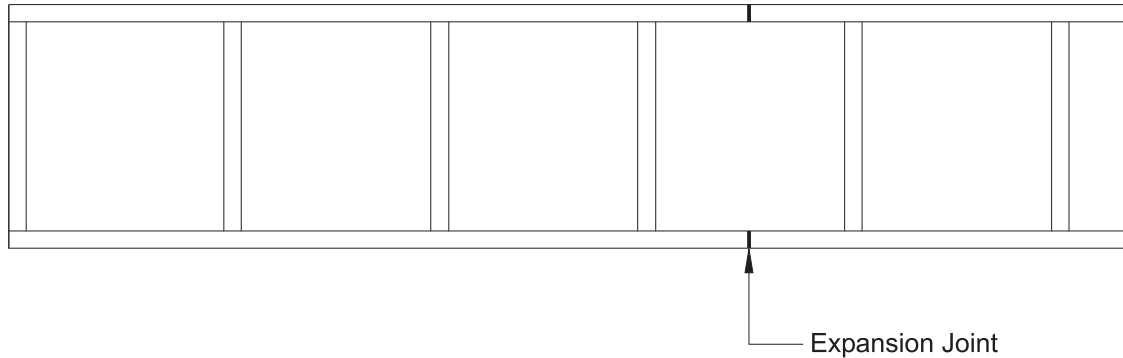
DOOR FRAMING MEMBERS

	Single Acting Door Jamb 1-3/4" x 4-1/2" Elastomer Weathering E2-0051 Included	AS-0479		Door Stop Assembly E9-0409 & E9-1113 (mill) Elastomer Weathering E2-0051 Included	AS-0401
	Single Acting Transom Bar 1-3/4" x 4-1/2" Elastomer Weathering E2-0051 Included	AS-0477		Sash Base Use with E9-0403 or E9-0413 Glass Stops	E9-0408
	Double Acting Door Jamb 1-3/4" x 4-1/2"	E9-0480		Threshold 1/2" x 4"	E9-0407
	Double Acting Transom Bar 1-3/4" x 4-1/2" Pile Weathering E2-0062 included	AS-0478			
	Intermediate Door Jamb 2" x 4-1/2" Tube Use with AS-0401	E9-9312			
	Flush Door Jamb Filler For 1" Glazing Use with AS-0479 & E9-0480	E9-1889			
	Transom Glass Stop For 1/4" Glazing	E9-0403			
	Transom Glass Stop For 1" Glazing	E9-0413			
	Transom Glazing Pocket For 1/4" Glazing	E9-0434			
	Transom Glazing Pocket For 1" Glazing	E9-0435			

ACCESSORIES

	Shear Block For BE9-1461 Horizontal Use (2) PC-1228 & (2) FB-1008 Not Included	E1-1044		Steel Reinforcing 3/8" x 2" Steel Bar Use with BE9-1441	E1-0170
	Anchor Clip For 90° Corner Mullions	E1-1005		Glazing Gasket	E2-0052
	End Dam For Head & Sill Receptor	E1-1019		Glazing Gasket	E2-0053
	Aluminum Splice Bar For Head & Sill Splice Joints	E1-0182		Glazing Gasket	E2-0064
	Setting Block	E2-0040		Glazing Gasket	E2-0221
	Setting Block Support Use at Sill	E2-0237		Elastomer Weathering Use with Door Frame	E2-0051
	Isolator Tape For 90° Inside Corner Assembly	E2-0286		Pile Weathering Use with Door Frame	E2-0062
	Water Deflector	E2-0047		#10 x 1/2" FHMS Type B, Zinc Plated Steel For Attachment of Horizontal to Shear Block E1-1044	FB-1008
	Head Receptor Joint Sleeve For BE9-1442	E3-0021		#10 x 3/8" PHMS Type AB, Zinc Plated Steel, For Attachment of Splice Sleeve to Receptor	PC-1006
	Sill Receptor Joint Sleeve For BE9-1443	E3-0022		#10 x 1/2" PHMS Type AB, Zinc Plated Steel, For Attachment of Anchor Clip E1-1005	PC-1008
	Jamb Filler For BE9-1441	E3-0027		#12 x 1/2" PHMS Type AB, Zinc Plated Steel, For Attachment of Door Jamb Clip	PC-1208
	Steel Reinforcing 1-3/4" x 1-3/4" x 0.135" Steel Channel Use with BE9-1441	E1-0158		#12 x 1-3/4" PHMS Type AB, Zinc Plated Steel For Attachment of Shear Block E1-1044 to Vertical	PC-1228

FRAME FABRICATION



This product is designed for long continuous runs of glazing. The head and sill receptors run as continuous glass and mullion retainers. Hence, the expansion and contraction of these receptors can be considerable and must be provided for.

Horizontal masonry openings of 24 feet or less may be installed using single lengths of receptors because a large joint may be placed at each of the masonry jambs. These large (3/8" minimum) joints will adequately accommodate the thermal expansion.

Ribbon window installations longer than 24 feet should have expansion joints to accommodate for thermal expansion*. Refer to the shop drawings for the size and location of your expansion joints.

These joints need to be at the center of a glass lite opening.

Note: Head and sill receptors must be spliced at the same location.

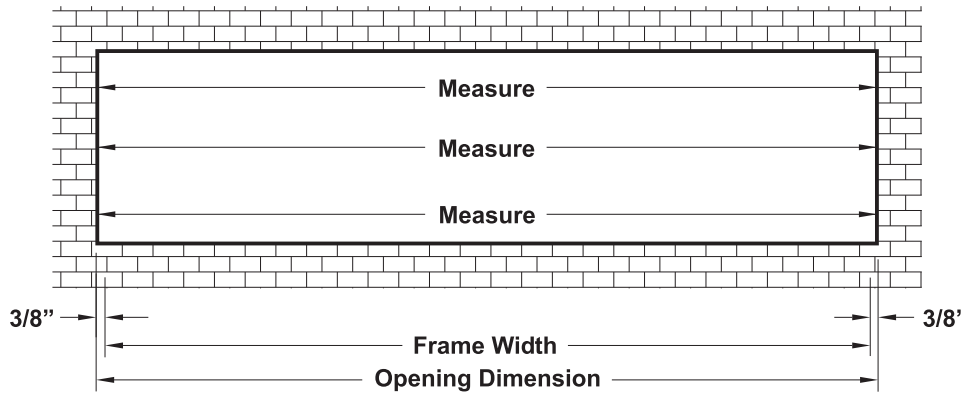
*Thermal Expansion = Temperature Difference (°F) x Length of Member (inches) x 0.0000125

Temperature Difference = Temperature Range from the Architectural Specifications or AAMA recommendations Minus(–) Room Temperature at Time of Fabrication

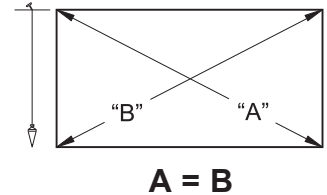
FRAME FABRICATION

STEP 1

FABRICATE HEAD & SILL RECEPTORS



Note: Check opening for squareness and plumb at both ends, units must be installed in a true rectangle.



Detail 1

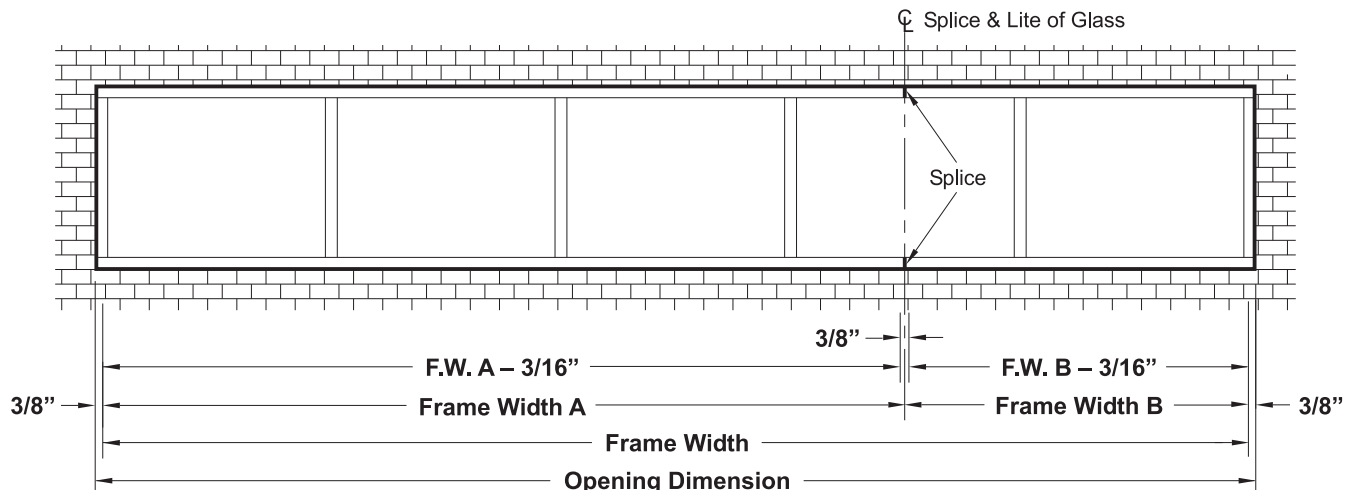
For openings less than 24'-0" (No Splices):

- Measure the opening width at the top, middle, and bottom of the opening. See **Detail 1**.
- Select the smallest dimension and subtract(-) 3/4" (allows for 3/8" expansion at each jamb) to obtain the frame width.
- Cut the head and sill receptors to the frame width.

For openings greater than 24'-0" but less than 30'-0" (One Splice):

- Determine frame width as previously shown above (subtract 3/8" at each jamb).
- Splices should always occur in the center of a lite of glass. Always locate the splice in the head receptor at the same dimension as the splice in the sill receptor.
- Measure from the end of the frame to the centerline of splice.
- Subtract 3/16" from each half of the frame width.
- Cut the head and sill receptors to their respective lengths.

See **Detail 2**.

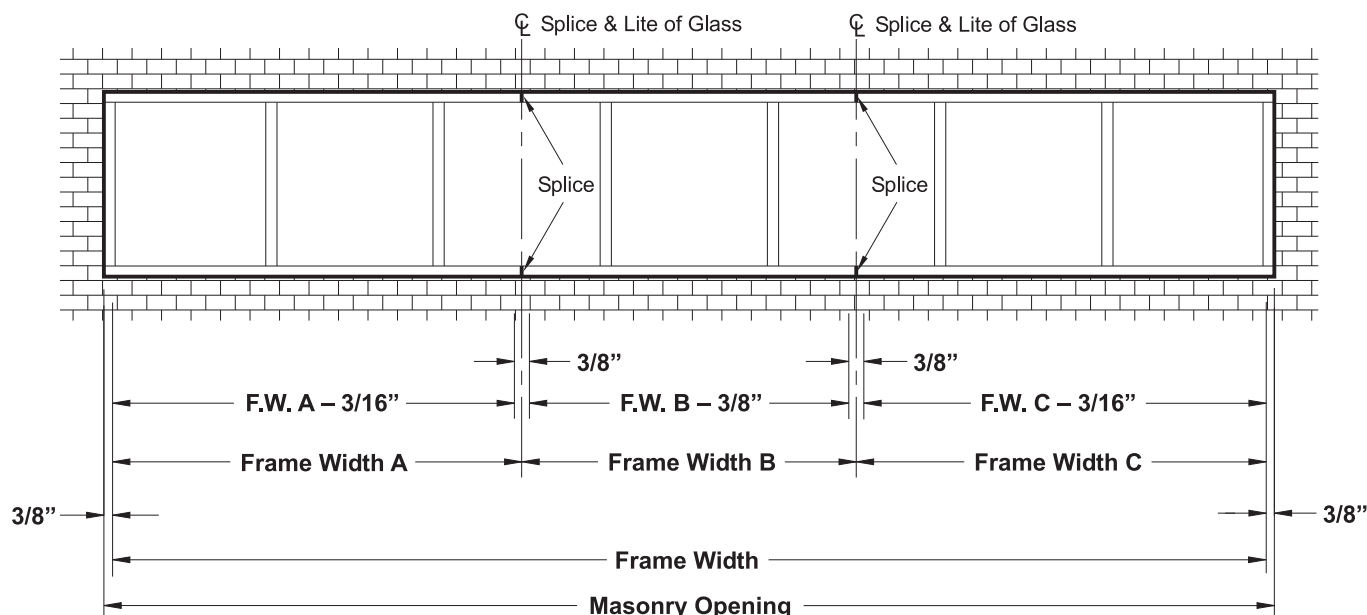


Detail 2

FRAME FABRICATION

Step 1 (Continued)

FABRICATE HEAD & SILL RECEPTORS



Detail 3

For openings 30'-0" or greater (More Than One Splice):

End Bays:

- Determine frame width as previously shown for no splices (subtract 3/8" at each jamb).
- Splices should always occur in the center of a lite of glass. Always locate the splice in the head receptor at the same dimension as the splice in the sill receptor.
- Measure from the end of the frame to the centerline of the first splice and subtract 3/16".
- Cut head and sill receptors to this dimension.

Center Bays:

- Measure from centerline of one splice to the centerline of next splice and subtract 3/8".
- Cut head and sill receptors to this dimension.

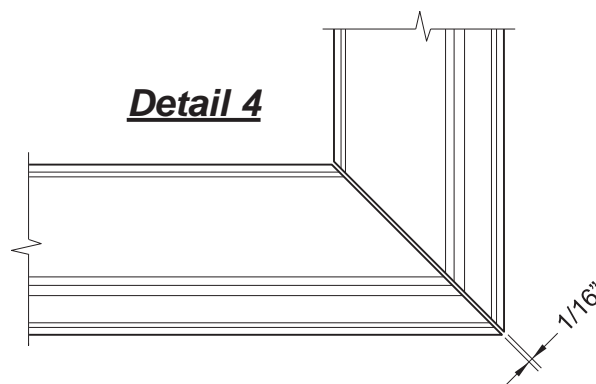
See **Detail 3**.

Receptors at Corners:

If your project has corners, then the head and sill receptors are to be mitered. Leave a 1/16" gap between the mitered edges.

See **Detail 4**.

Note: 90° corner shown, other angles similar.



FRAME FABRICATION

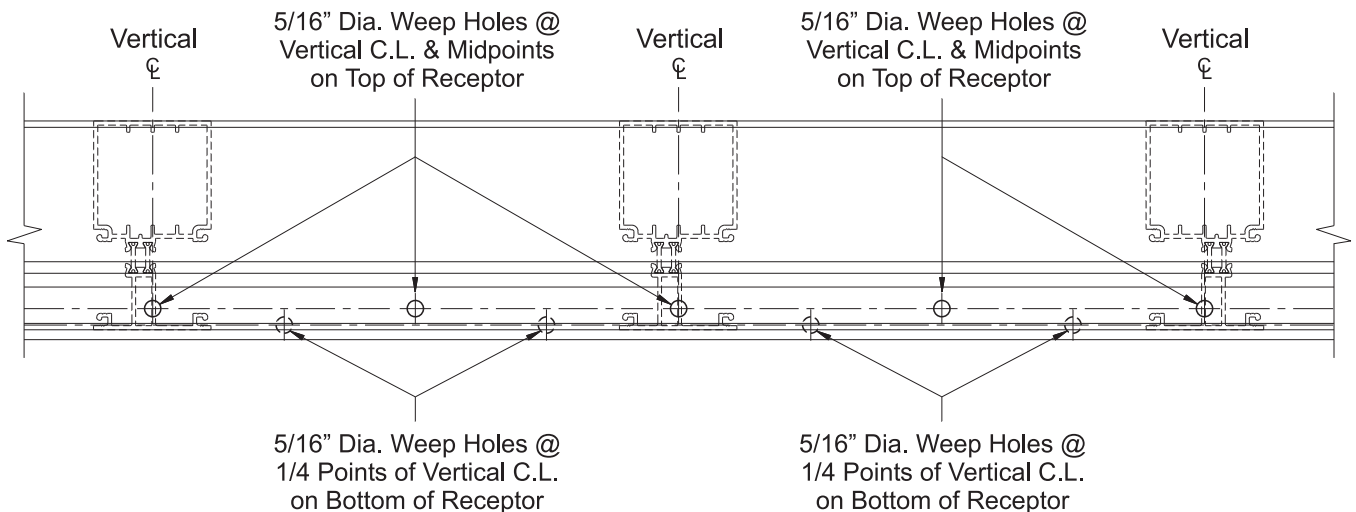
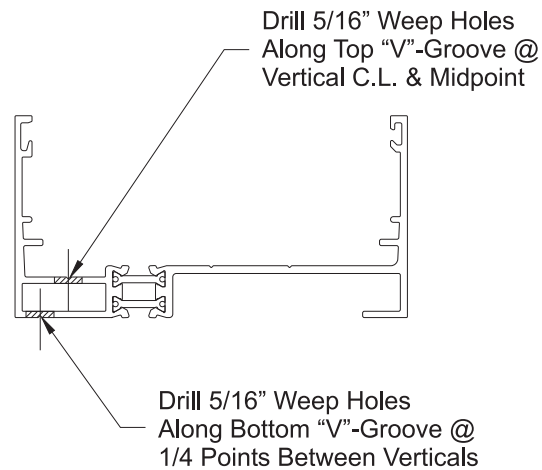
STEP 2

WEEP HOLES IN SILL RECEPTOR

- Inside the sill receptor, mark the centerline of each vertical and the centerline between verticals along the "V"-Groove at the front of the receptor.
- Turn the sill receptor over and mark the quarter points between vertical mullions along the "V"-Groove on the bottom of the receptor.
- Drill 5/16" diameter weep holes at each location marked.

See **Details 5 & 6**.

Detail 5



Detail 6

FRAME FABRICATION

STEP 3

FABRICATE VERTICAL MULLIONS

Determine the frame height:

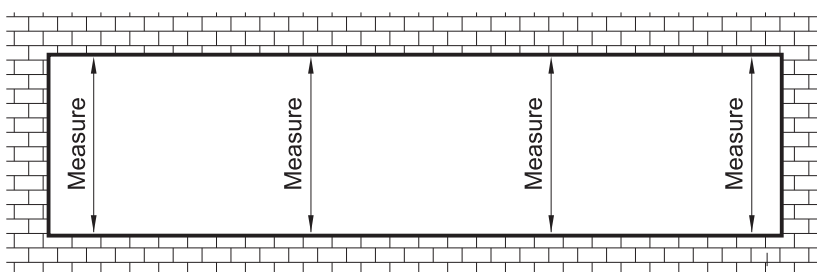
- Measure the masonry opening height several times along the length of the opening to obtain the smallest vertical dimension.
- Frame Height equals the smallest vertical dimension minus(−) 3/4".
(Allow 3/8" minimum caulk joint at both the head and the sill.)

See **Detail 7**.

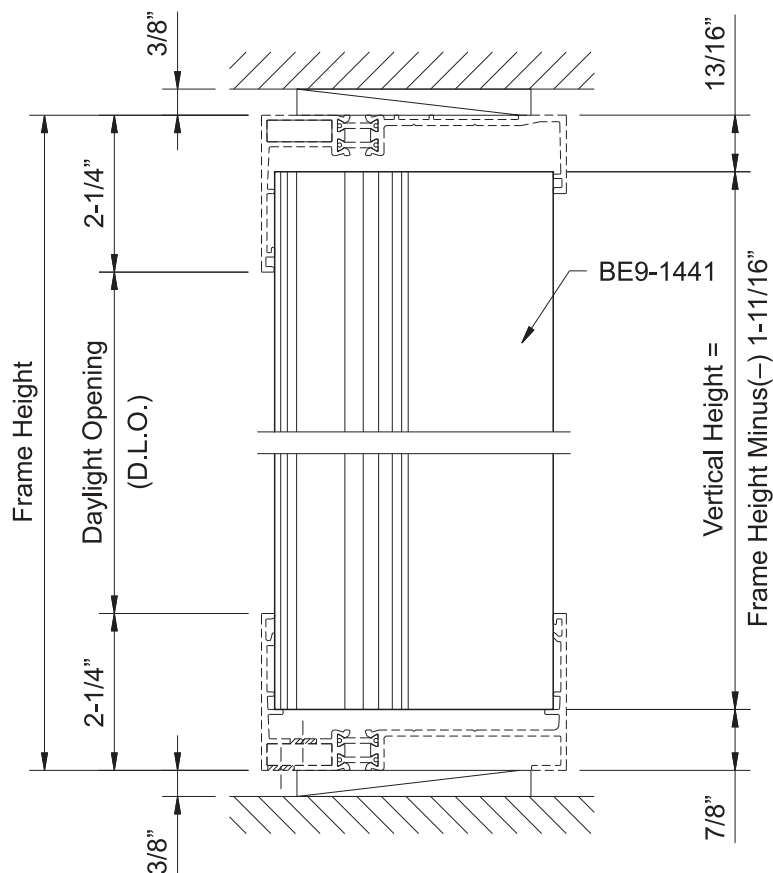
-Vertical and jamb members must be fabricated to fit into the head and sill receptors.

-Cut all vertical members to the Frame Height minus(−) 1-11/16".

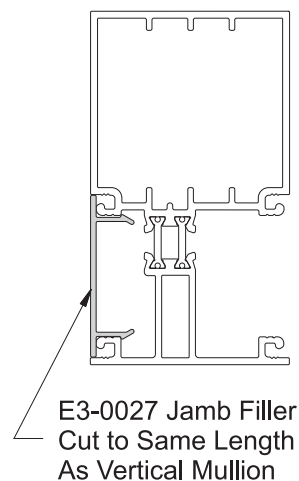
See **Detail 8**.



Detail 7



Detail 8



FRAME FABRICATION

STEP 4

FABRICATE VERTICAL MULLIONS FOR SHEAR BLOCKS

Shear blocks, E1-1044, are required to attach horizontals to vertical and jamb members.

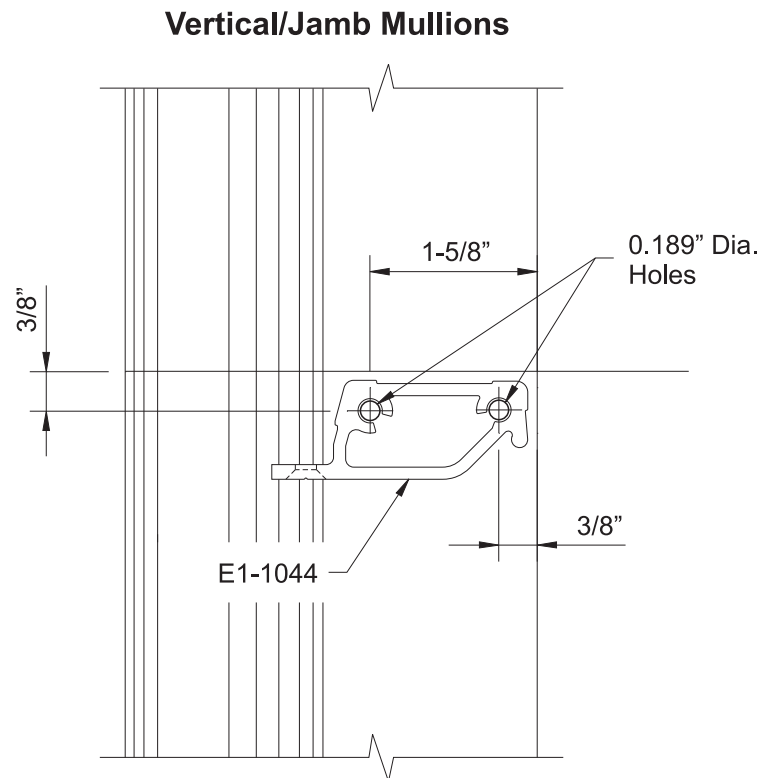
- Refer to shop drawings and mark a line on the side of the vertical at the top of each horizontal.
- Using a small piece of horizontal with a shear block attached as a template, align the glazing pockets and mark the hole locations for the shear block onto the vertical.
- Drill a 0.189" (#12) diameter hole at each location marked.

OR

- Locate the top of the horizontal, measure down 3/8" and draw a line across the side of the vertical using a small T-square.
- Mark the hole location for the back fastener 3/8" from the back of the mullion along the line.
- Mark the hole location for the front fastener 1-5/8" from the back of the mullion along the line.
- Use extreme care. The horizontal must be installed level.
- Drill a 0.189" (#12) diameter hole at each location marked.

- Attach horizontal shear blocks with two PC-1228 fasteners per block.

See **Detail 9**.



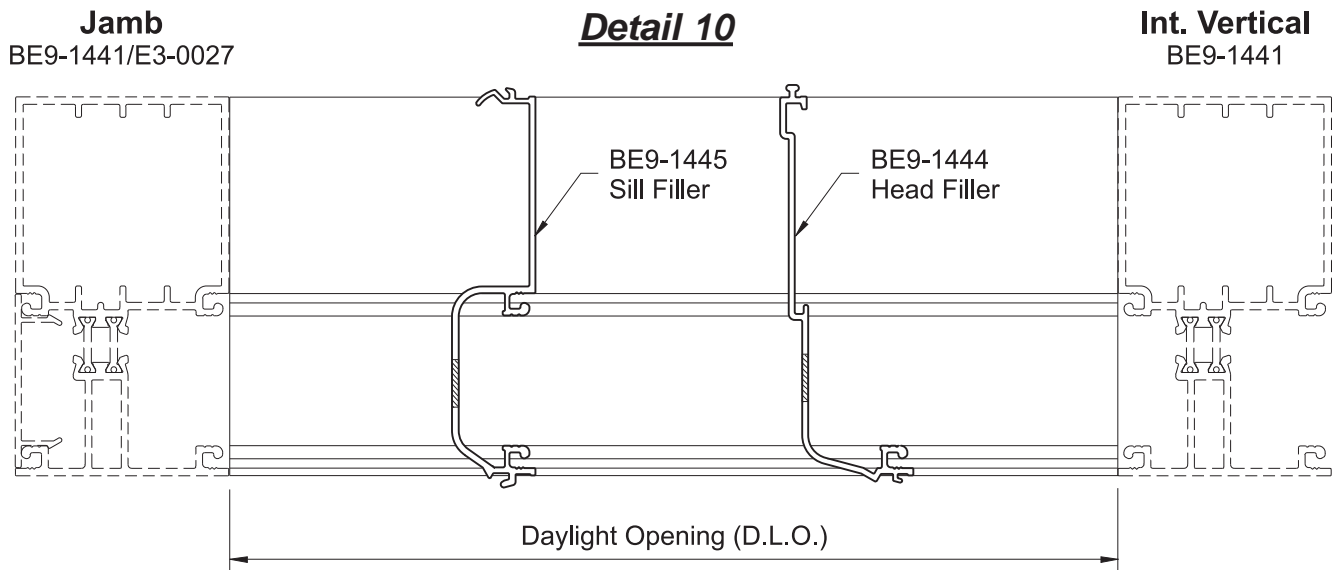
Detail 9

FRAME FABRICATION

STEP 5

FABRICATE HEAD & SILL FILLERS

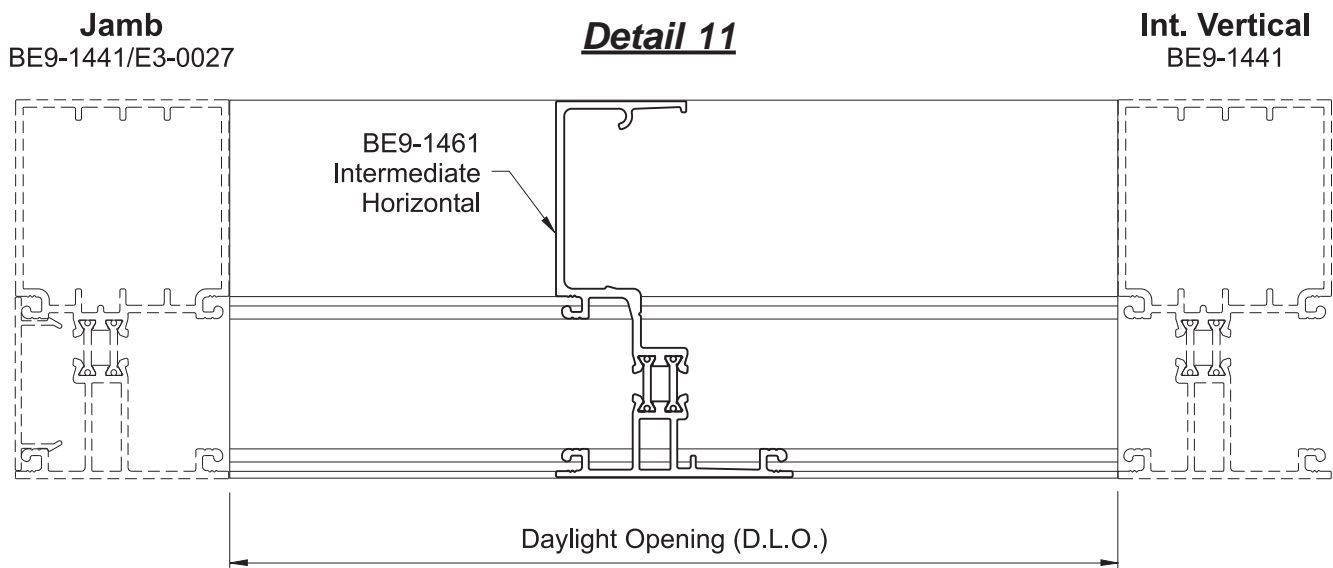
-Cut all head and sill fillers to the daylight opening dimension between vertical mullions.
(Tolerance plus 0", minus 1/32") See **Detail 10**.



STEP 6

FABRICATE INTERMEDIATE HORIZONTALS

-Cut intermediate horizontals to the daylight opening dimension between vertical mullions.
(Tolerance plus 0", minus 1/32") See **Detail 11**.



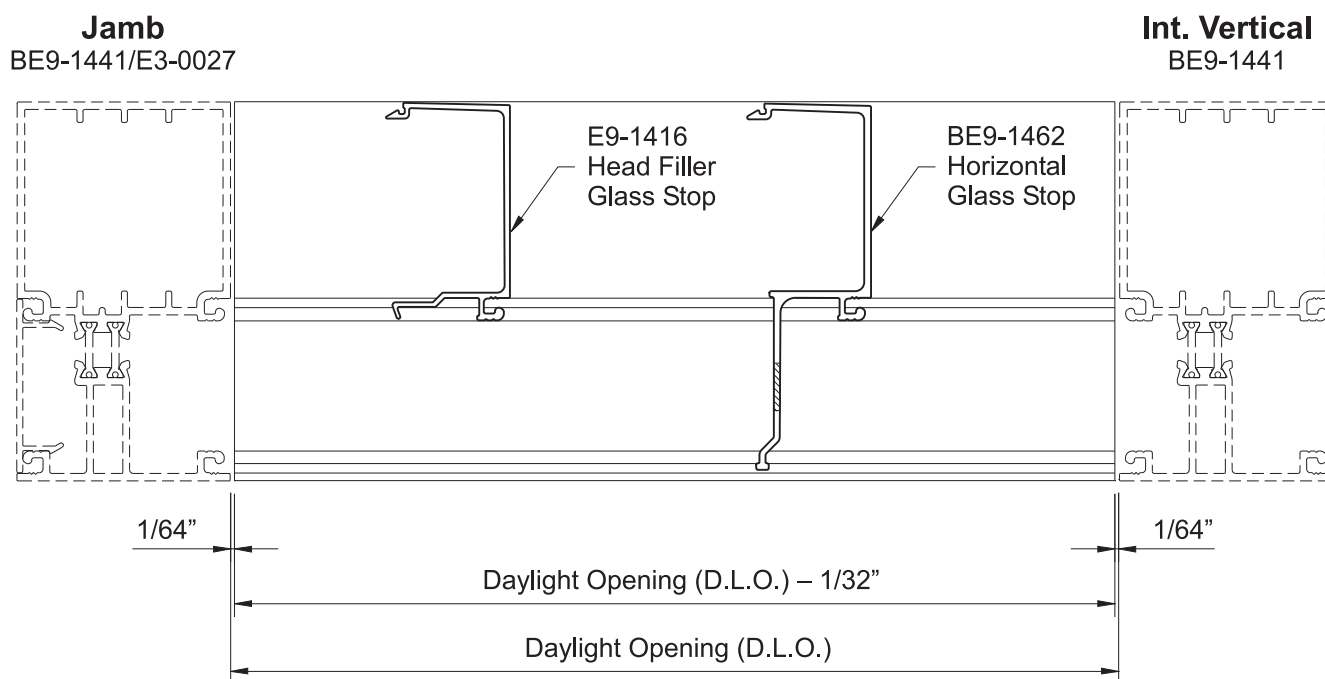
FRAME FABRICATION

STEP 7

FABRICATE INTERIOR GLASS STOPS

-Cut interior glass stops, E9-1416 and BE9-1462, to the daylight opening dimension between vertical mullions minus(-) 1/32".

See **Detail 12**.



Detail 12

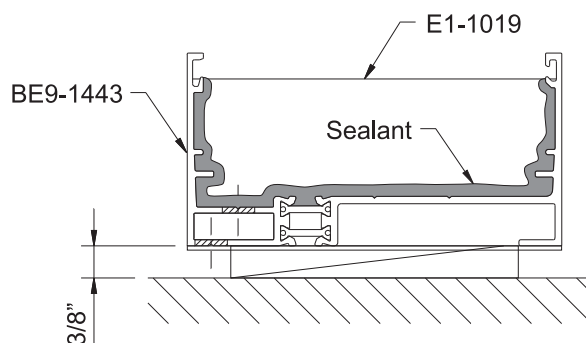
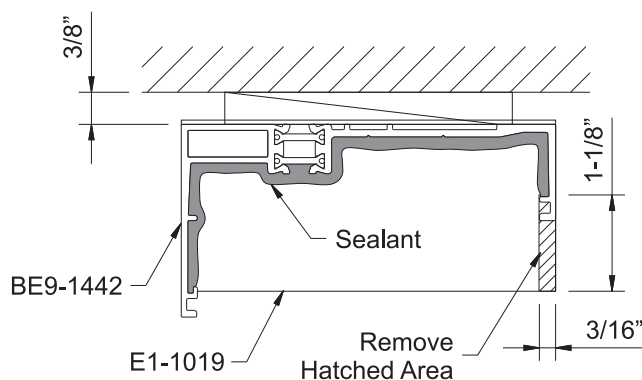
FRAME INSTALLATION
STEP 8
INSTALL HEAD & SILL RECEPTOR END DAMS

End dams are required at each end of head and sill receptors to provide a watertight installation.

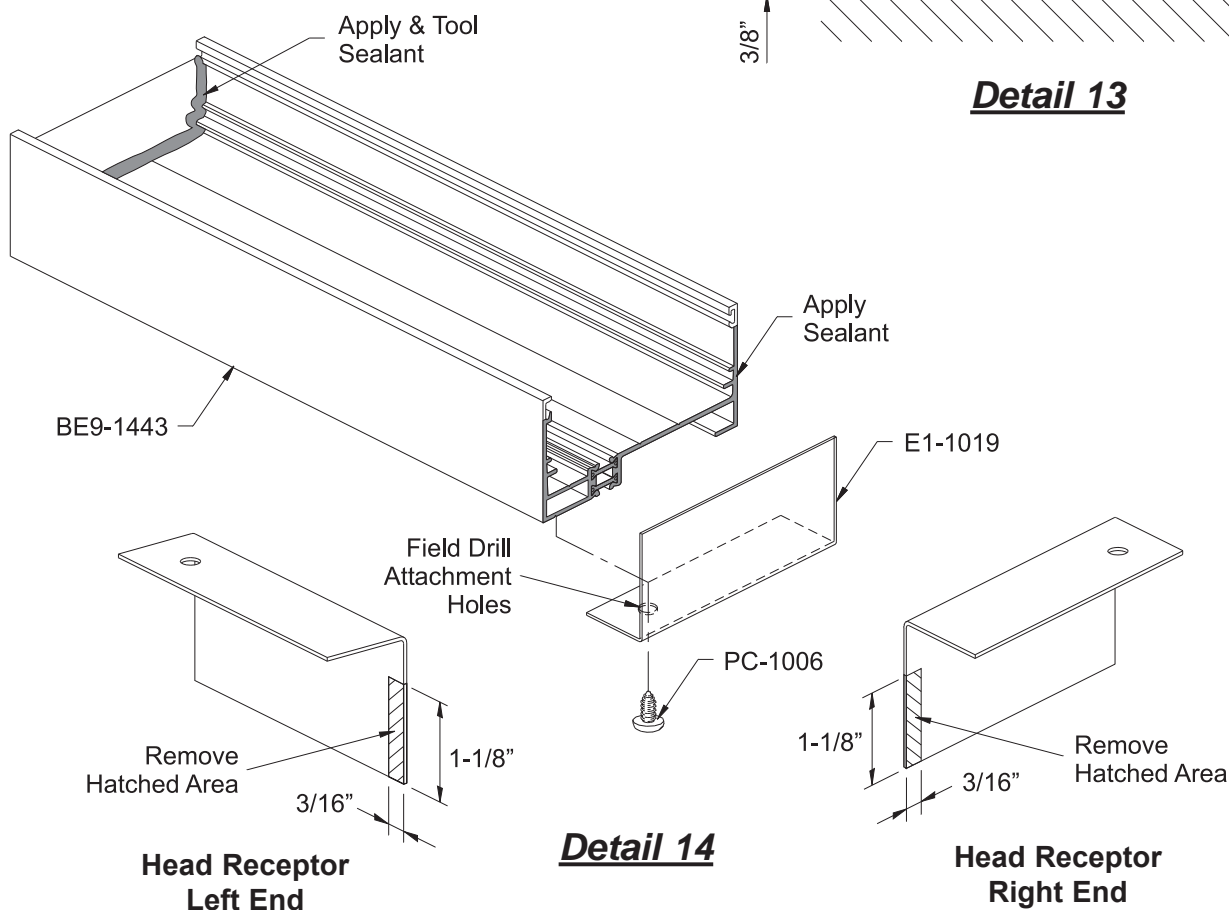
All head receptors need to be modified as shown in **Detail 14**.

- Apply sealant to the end of the receptor.
- Center the end dam, E1-1019, with the end of the head and sill receptor.
- Drill a 0.161" (#20 bit) diameter hole through both end dam and receptor at the front as shown.
- Fasten the end dam to the head & sill receptor with a PC-1006 fastener.
- Apply and tool sealant between end dam and receptor to create a watertight joint.

See **Details 13 & 14**.



Detail 13



Detail 14

**Head Receptor
Left End**

**Head Receptor
Right End**

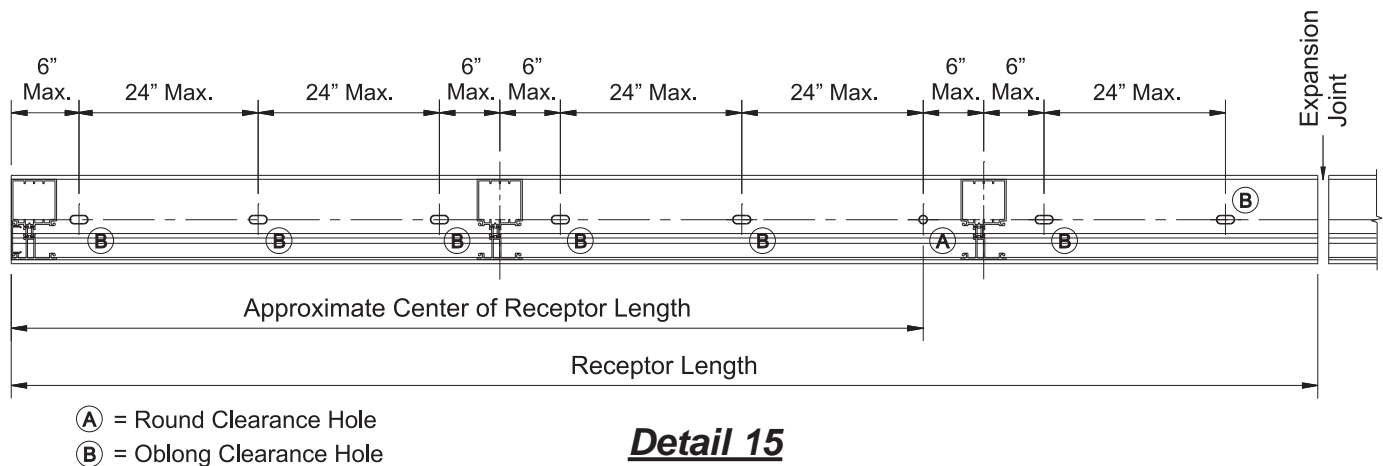
FRAME INSTALLATION

STEP 9

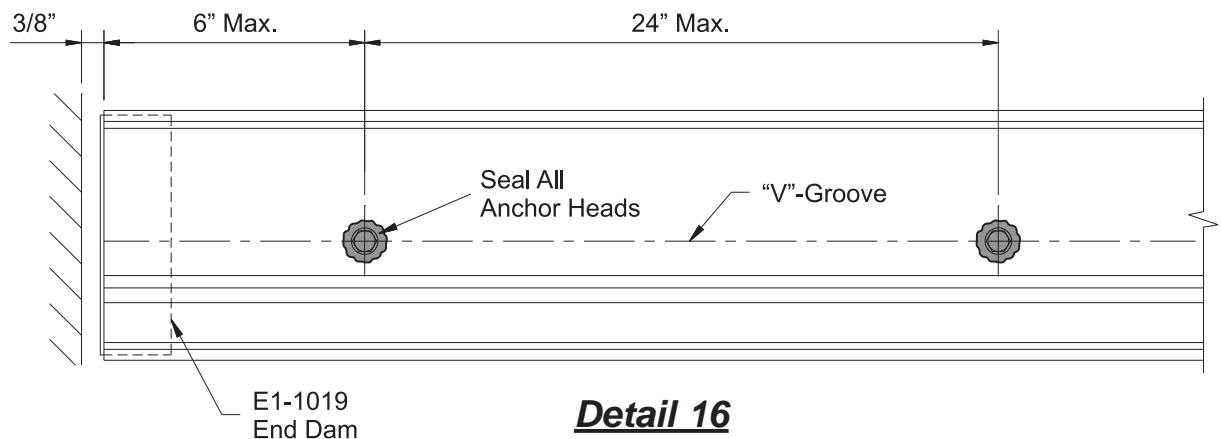
INSTALL HEAD & SILL RECEPTORS

- Using building control lines, locate inside face of head and sill receptors.
 - Check the vertical opening height along the length of each opening and locate the smallest dimension. Begin installation at the smallest opening height with a minimum 3/8" shim between the masonry and the receptors.
 - As anchoring proceeds, shim as necessary to keep receptors parallel and level.
 - Locate anchors within 6" from each end of the receptor, within 6" of each side of vertical mullion centerline, and 24" on center maximum.
 - Locate the approximate center of length of each individual receptor and drill a clear hole for anchor bolt. Check approved shop drawings for anchor bolt and clear hole size or contact YKK.
 - All other anchor holes are to be oblong to allow for expansion and contraction.
- Do not drill larger clear holes.

See **Detail 15**.



- Seal all anchor heads and fasteners that penetrate the receptor.
- See **Detail 16**.

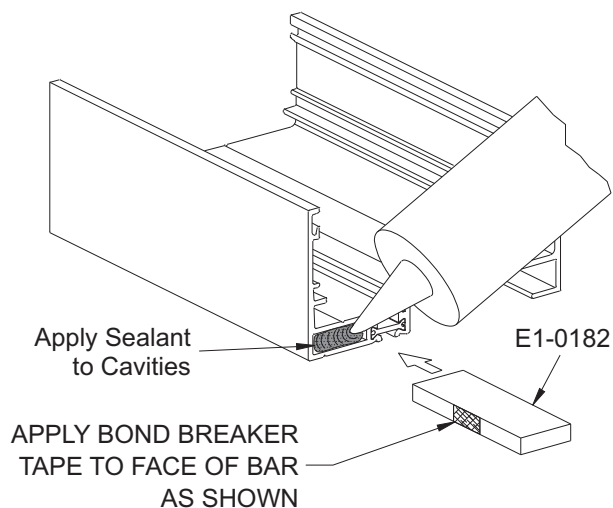


FRAME INSTALLATION

STEP 9

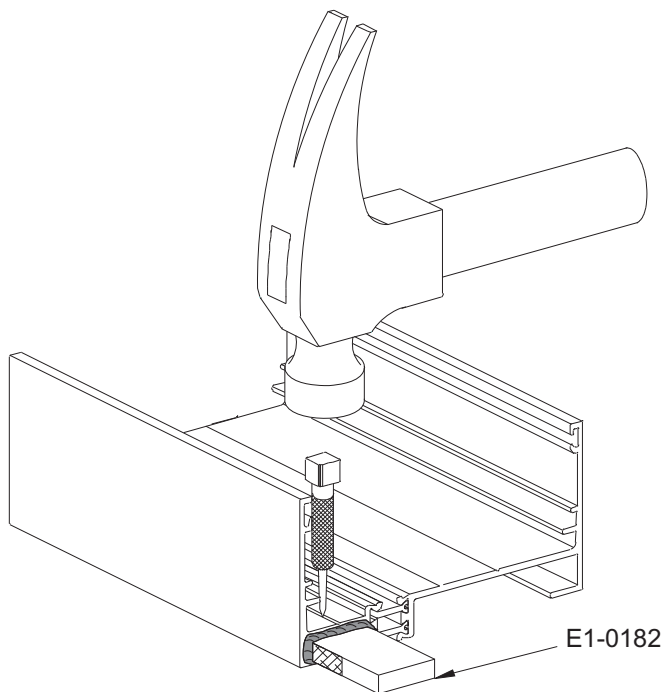
RECEPTOR INSTALLATION

- Before installing receptors with splice joints, apply a liberal amount of non-hardening, non-curing sealant to the front chambers of each BE9-1443 and BE9-1442.
- Apply a small piece of bond breaker tape at the center of the face of the splice bar (E1-0182) as shown in **Detail 17**.



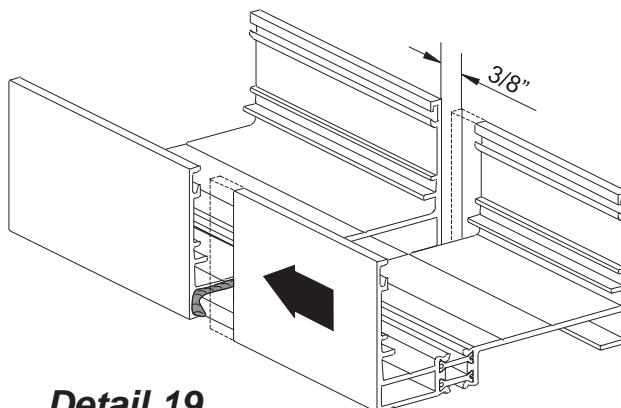
Detail 17

- Fill cavities on both halves as shown above.
 - Insert aluminum bar (E1-0182) approx. 1-1/8" into cavity.
 - Secure bar in place by staking with a center punch.
- See **Detail 18**.
- Slide members together leaving 3/8" gap for expansion as shown in **Detail 19**.



Detail 18

**Sill Member Shown
Head Similar**



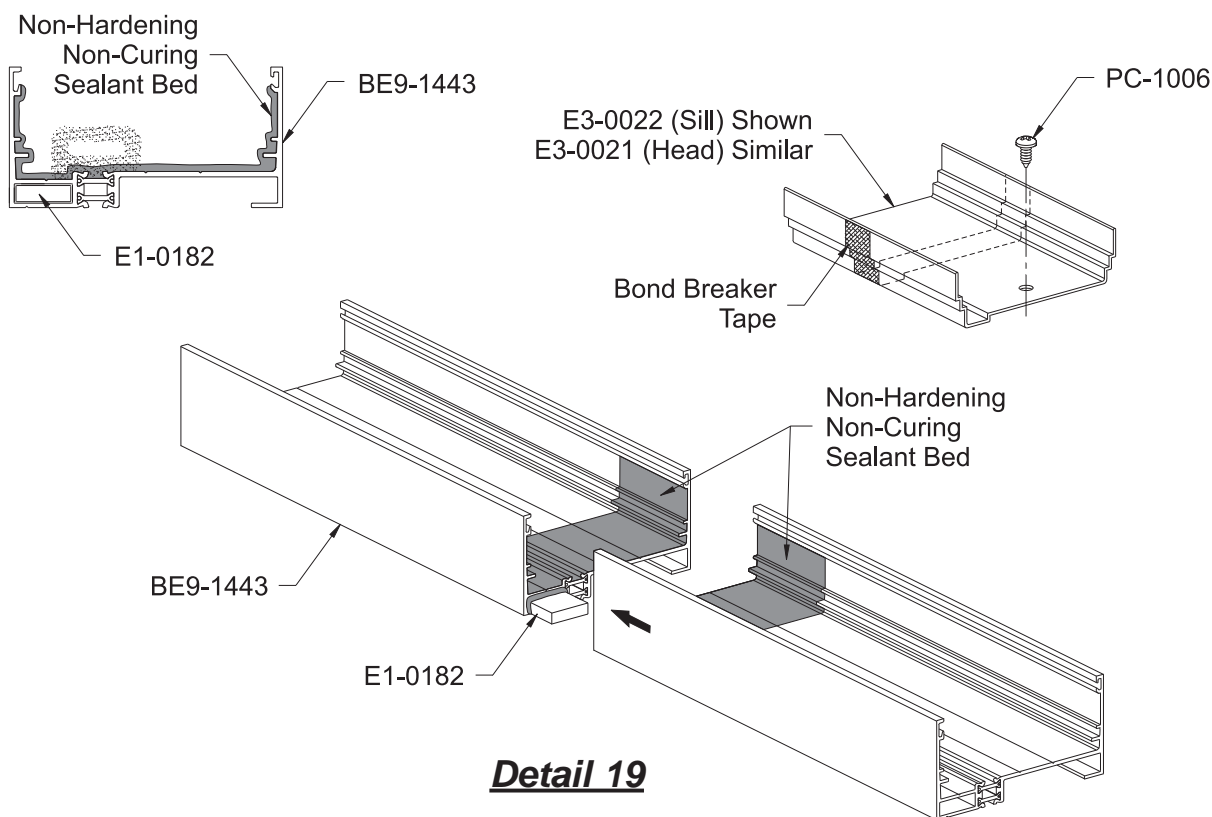
Detail 19

FRAME INSTALLATION

STEP 10 EXPANSION JOINT AT HEAD & SILL RECEPTORS

The expansion joint gaps in the head and sill receptor must be bridged with splice sleeves E3-0021 at the head and E3-0022 at the sill.

Locate 3/8" expansion/splice joints at center of daylight opening .



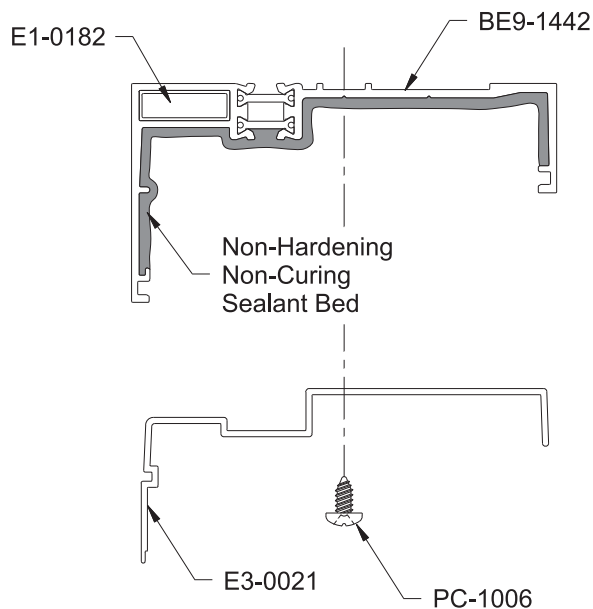
- Clean all sealant contact surfaces using cleaner approved by sealant manufacturer.
- Apply bond breaker tape to the splice sleeve along the midpoint of the side facing the receptors.
- Spread a bed of non-hardening, non-curing sealant on the base and inside walls of the receptor where the splice sleeve will be placed.
- Place the splice sleeve into position and center the bond breaker tape over the joint.
Apply pressure and tool the excess sealant over the edges of the splice sleeve.
- Fasten splice sleeve, on one side only, to receptor using one PC-1006 fastener.

Note: Do not attach the splice sleeves to both halves of the head and sill receptors.

See **Details 19 & 20.**

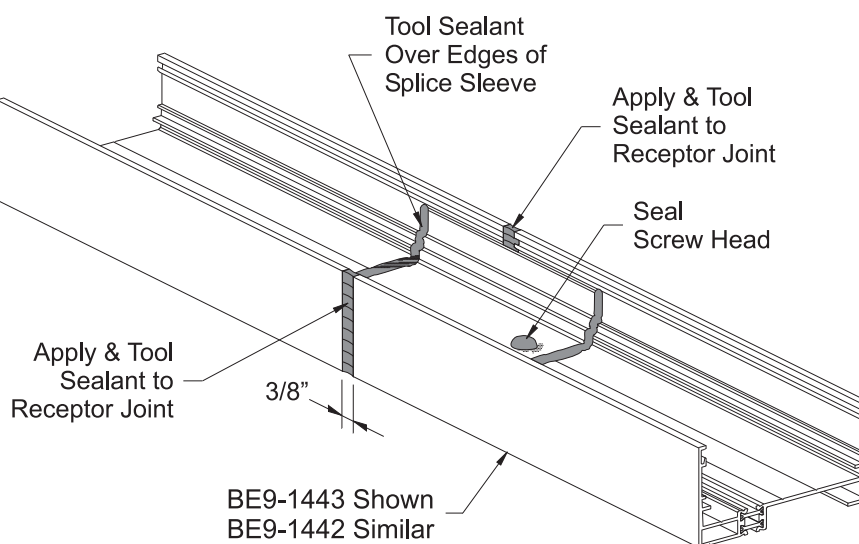
FRAME INSTALLATION

STEP 10 (Continued)
EXPANSION JOINT
AT HEAD & SILL RECEPTORS



Detail 20

- Apply a bead of sealant along the expansion joint on the front and back of the receptor.
- Tool the sealant to ensure a watertight joint.
- Seal the exposed screw head from the PC-1006 fastener.
- See **Detail 21**.



Detail 21

FRAME INSTALLATION

STEP 11

INSTALL JAMB MULLIONS

- Apply sealant to the interior walls of the head and sill receptor at the ends where the jambs are to be installed.
 - Install the jamb into head and sill receptor. Slide the jamb toward end of receptor until contact is made with the end dam.
 - Shim the jamb as required. Install anchors within 6" from each end and no more than 24" on center. Refer to approved shop drawings or contact YKK for anchor fastener requirements.
 - Apply and tool sealant to the heads of all anchor fasteners.
 - Seal the jamb to the receptors and structure.
- See **Details 22 & 23**.

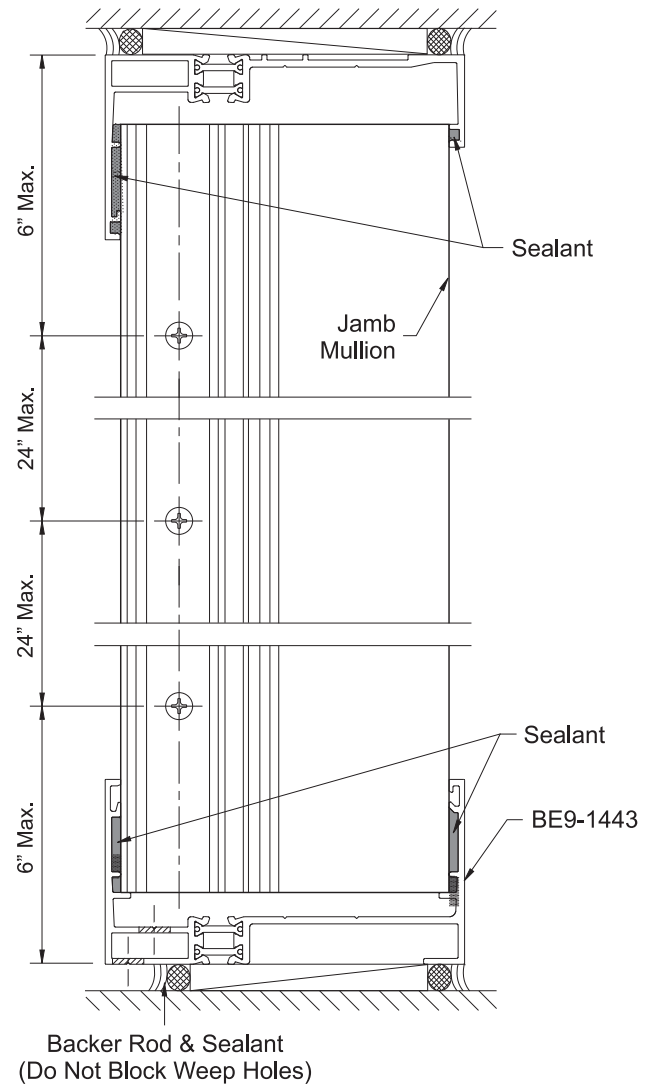
STEP 12

APPLY PERIMETER SEALANT

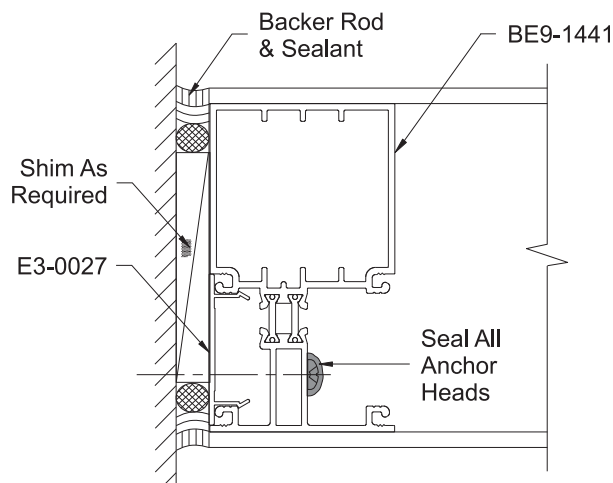
- Install backer rod around the exterior and interior perimeter of the frame.
- Apply perimeter sealant between the frame and the structure.

Note: Make sure that the perimeter sealant does not block the weep holes at the sill receptor.

See **Detail 22 & 23**.



Detail 22



Detail 23

FRAME INSTALLATION

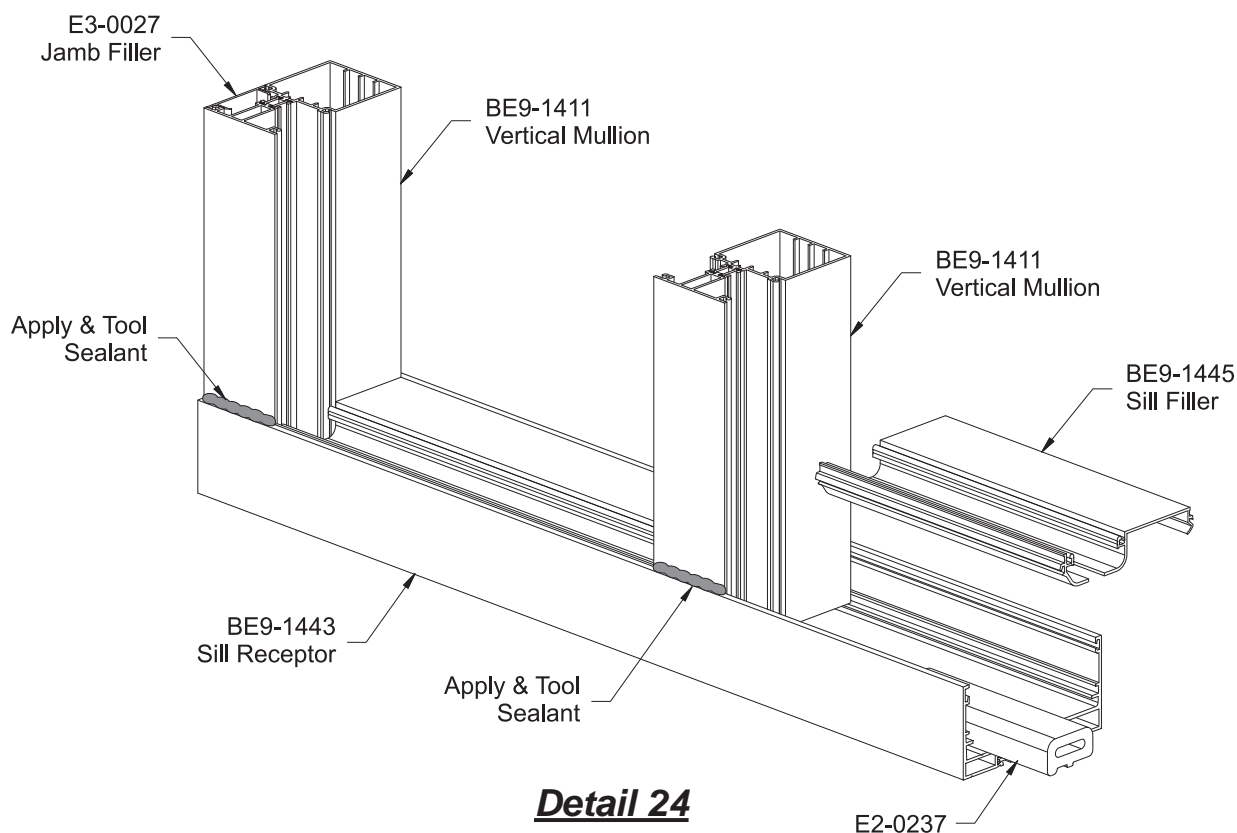
STEP 13

INSTALL VERTICAL MULLIONS

Once the jamb is anchored and sealed, proceed with the installation of the intermediate vertical mullions.

- Prior to snapping in any sill fillers, install setting block supports, E2-0237, along the sill receptor at quarter points of daylight opening between verticals.
 - Snap in the first sill filler, BE9-1445, and slide it tight against the jamb mullion.
 - Snap in the first head filler, BE9-1444, and slide it tight against the jamb mullion.
 - Stand the first vertical up into the head and sill receptors making sure that it is installed plumb and square.
 - Snap in the next sill and head fillers and slide it tight against the vertical mullion.
 - Install the rest of the verticals, sill fillers, and head fillers using the same technique described above. Install verticals so that each opening has a minimum of one deep pocket. All verticals must be installed plumb and square.
 - Apply and tool sealant to the intersection of all verticals to the head and sill receptors.
- See **Detail 24**.

Caution: Check the centerline to centerline dimension every fifth vertical to avoid accumulating dimensional error.

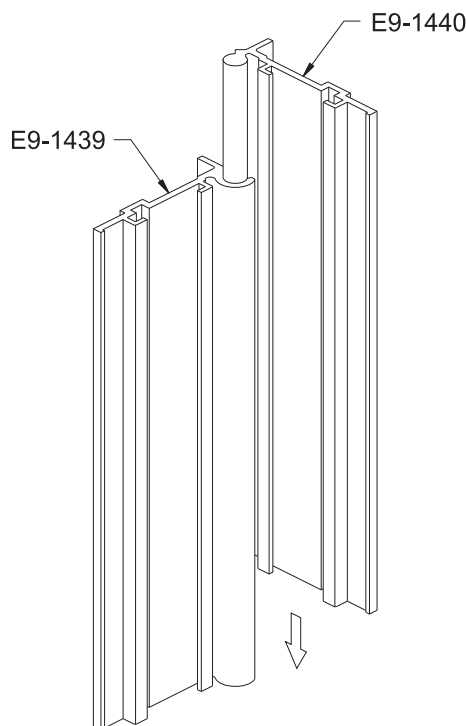


FRAME INSTALLATION

STEP 14

INSTALL CORNER MULLIONS

- Prior to installing the head and sill fillers adjacent to the corner mullion, cut E9-1439 and E9-1440 (pivot frame mounting assembly) to the same length as the vertical mullions.
- Slide the two pieces together as shown in **Detail 27**.



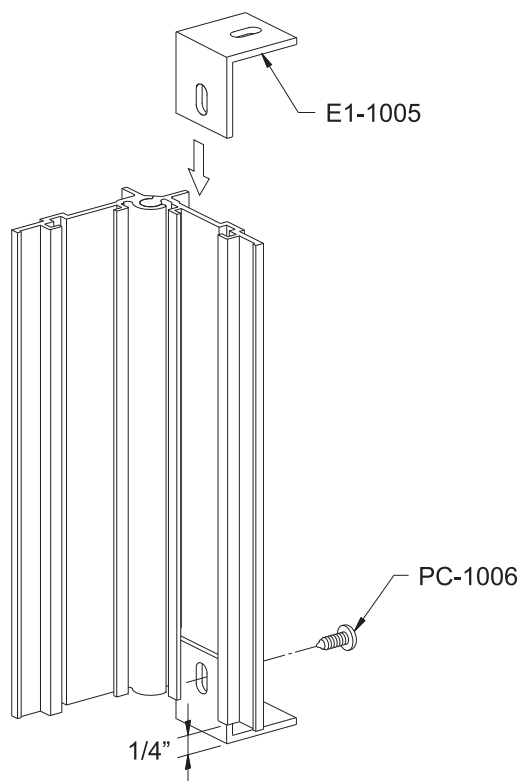
Detail 27

- Install anchor clip, E1-1005, at the bottom of E9-1440. Allow the clip to extend 1/4" past the bottom of the corner assembly and fasten with one PC-1008 fastener.
 - Install anchor clip, E1-1005, at the top of E9-1440, but do not fasten.
- See **Detail 28**.

- Before installing any corner assemblies into the receptors, determine the end reaction using the following formula:

$$\text{REACTION LBS.} = \frac{\text{Mullion Spacing (ft)} \times \text{Mullion Height (ft)} \times \text{PSF}}{2}$$

- If the answer exceeds 400 lbs., anchor clips E1-1005 must be installed at both ends of E9-1439 prior to attaching BE9-1463.

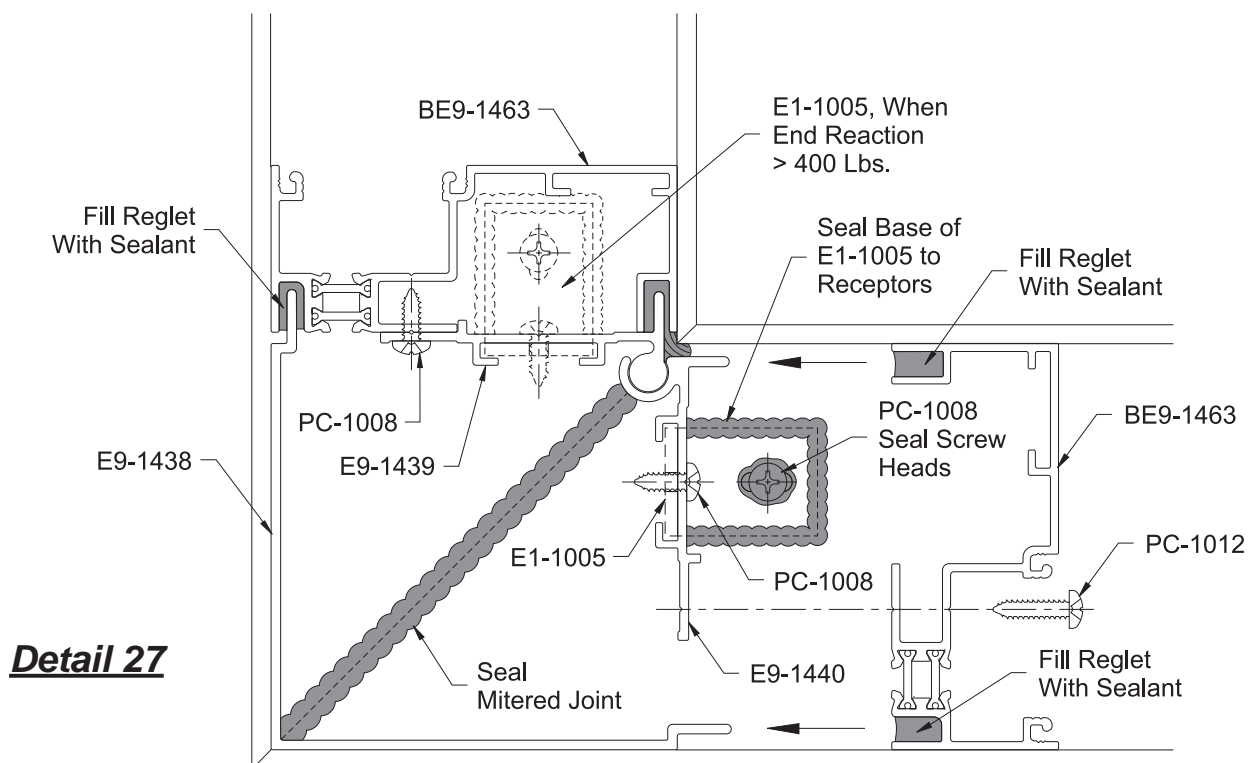


Detail 28

FRAME INSTALLATION

STEP 14 (Continued) INSTALL CORNER MULLIONS

- Fill the front and back reglets of BE9-1463 with silicone sealant.
 - Install corner mullion, BE9-1463, onto the E9-1439 side of the pivot frame mounting assembly with PC-1008 fasteners 3" from each end and no more than 24" on center.
 - Set corner filler, E9-1438, into the head and sill receptors.
 - Install partial corner assembly into the head and sill receptors by engaging E9-1438 into the front reglet of BE9-1463.
 - Attach bottom anchor clip, E1-1005, to the sill receptor with one PC-1008 fastener.
 - Apply and tool sealant to the screw head and around the base of the anchor clip.
 - Attach top anchor clip, E1-1005, to the head receptor with one PC-1008 fastener.
 - Do not fasten top anchor clip to E9-1440.
- Fill the reglets of the last corner mullion, BE-1463, with sealant and install it into the head and sill receptors. Engage E9-1438 into the front reglet and E9-1440 into the back reglet.
 - Fasten BE9-1463 to E9-1440 with PC-1012 fasteners 3" from each end and no more than 24" on center.
- See **Detail 27**.
- Continue to install the rest of the verticals, sill fillers, and head fillers.



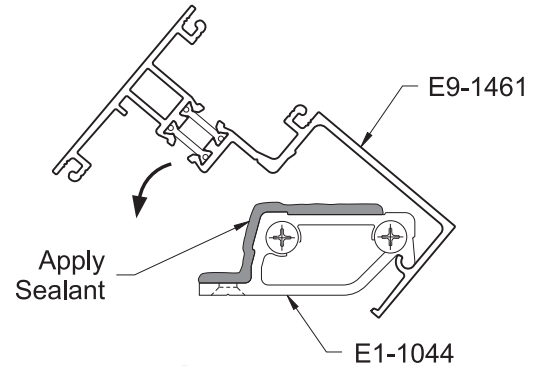
FRAME INSTALLATION

STEP 15

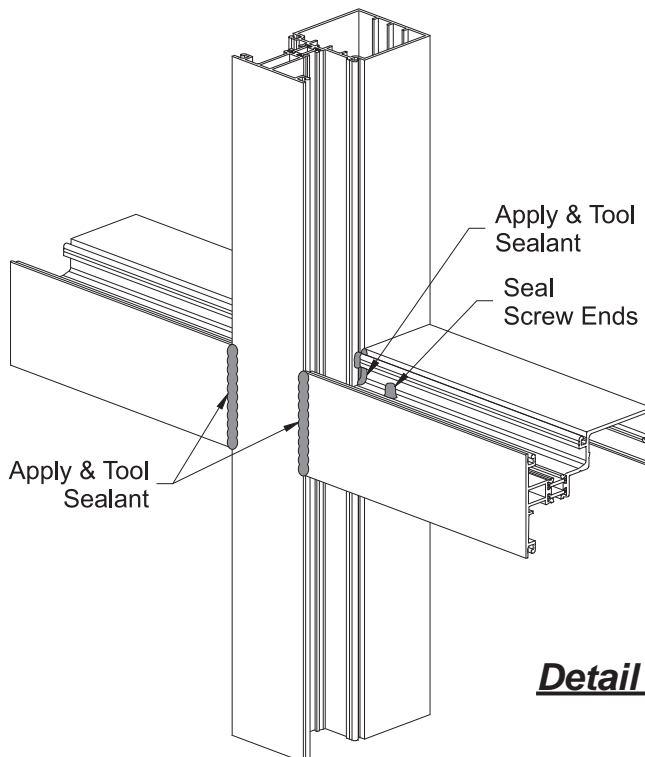
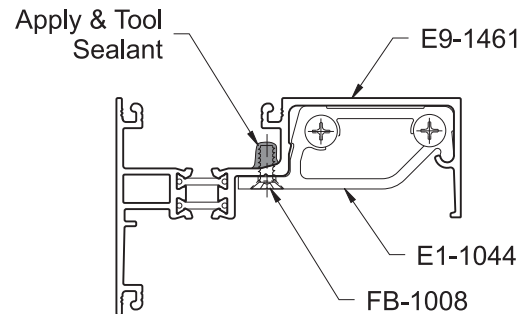
INSTALL INTERMEDIATE HORIZONTALS

- Once all of the verticals have been installed, apply a bead of sealant along the top of the shear block, E1-1044, where it meets the vertical.
- Immediately after applying the sealant, rotate the horizontal onto the shear block making sure that the horizontal glazing pocket is aligned with the vertical glazing pocket.
- The shear block already has two countersunk holes drilled in the underside of the leg that extends under the glazing pocket. Using the farthest hole from the vertical mullion, match drill a 0.161" (#20) diameter hole at each end of the horizontal.
- Attach the horizontal to the shear block using one FB-1008 fastener at each end.
- Tool the sealant into the vertical and horizontal mullion joint and wipe away any excess sealant.
- Seal the ends of the fasteners that penetrate the glazing pocket of the horizontal.

See **Detail 28**.



Detail 28



Detail 29

All intermediate horizontal to vertical joints must be sealed.

- Apply and tool sealant to the horizontal to vertical joint along the inside wall of the glazing pocket and to the exterior horizontal to vertical joint.

See **Detail 29**.

FRAME INSTALLATION

STEP 16

INSTALL WATER DEFLECTORS

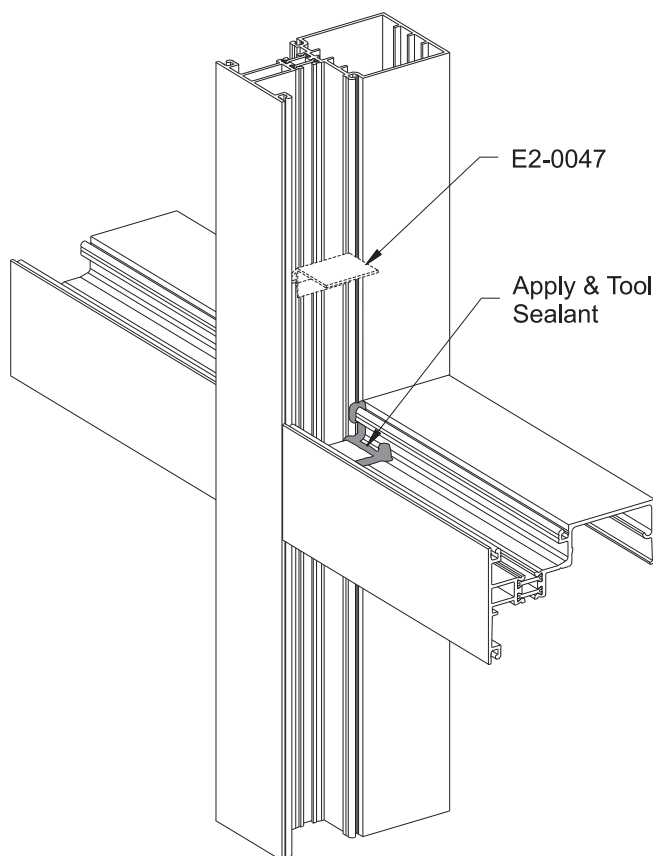
YCN 40 T requires the installation of a water deflector, E2-0047, at both ends of every intermediate horizontal.

- Peel away the protective paper from the bottom of the water deflector, E2-0047, and install the water deflector by rotating it over each end of the horizontal.
- Position the vertical leg of the water deflector against the end of the horizontal.

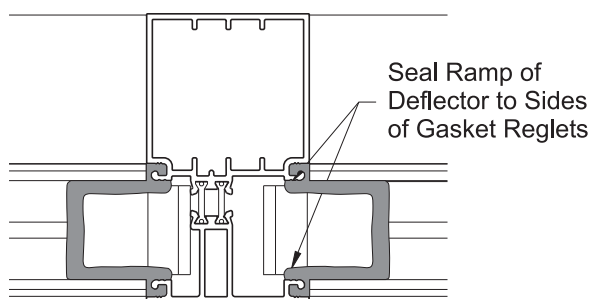
Note: For best adhesion, make sure that the horizontal is clean and dry.

- Apply and tool sealant along the edges of the water deflector, down onto the horizontal, and up the vertical.
- Seal the ramp of the water deflector to the sides of the vertical gasket reglets.

See **Detail 30**.



Detail 30



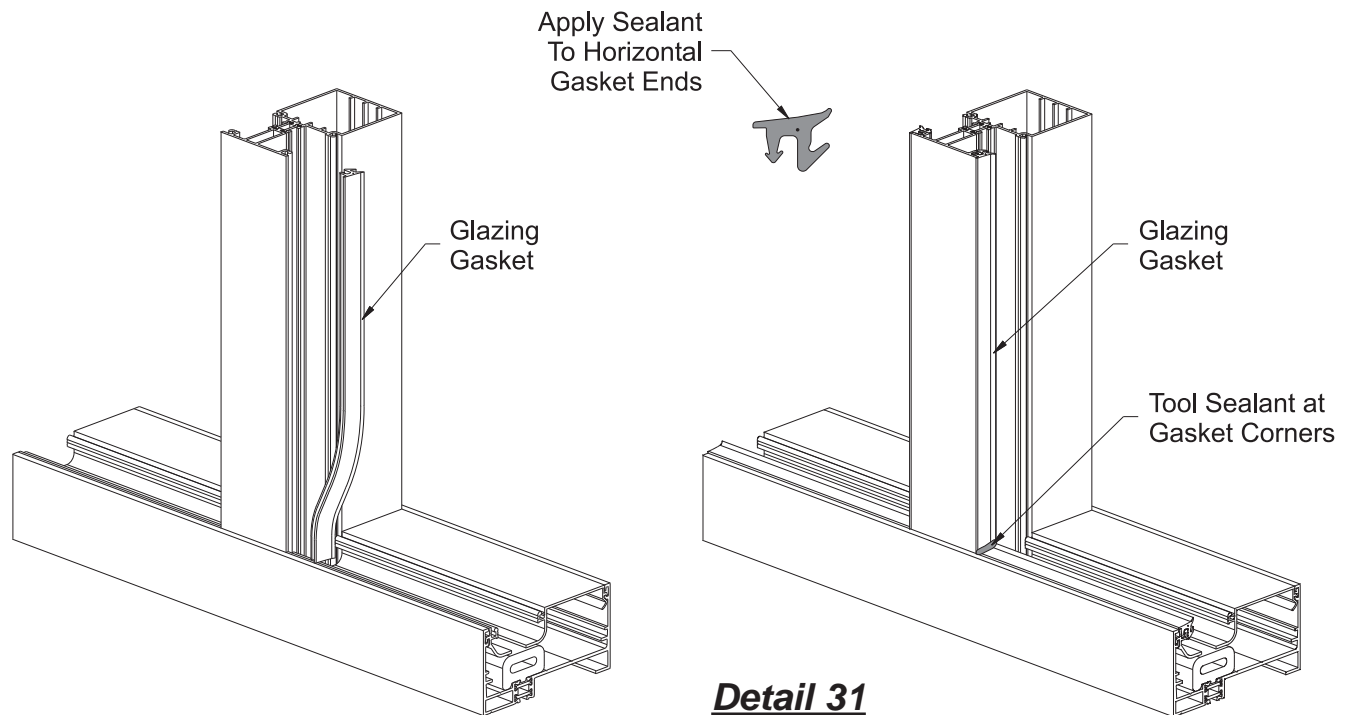
GLAZING

STEP 17

INSTALL GLAZING GASKETS

The exterior glazing gaskets must be installed prior to beginning the glazing process.

- Using a small brush clean out any dirt that may have accumulated in the gasket reglets.
- Install the vertical glazing gaskets first:
 - Cut vertical glazing gaskets to the Daylight Opening plus(+) 3/16" for each foot of length.
 - Insert the gasket into the reglets at each end first; then insert the gasket into the midpoint of the opening.
 - Push the gasket into the reglet starting at the midpoint and work towards each end.



- Install horizontal glazing gaskets next:
 - Cut horizontal glazing gaskets to Daylight Opening plus(+) 3/16" for each foot of length.
 - Apply sealant to each end of the horizontal glazing gasket and insert the gasket into the reglet at each end first.
 - Then insert the gasket at the midpoint of the opening and push the gasket into the reglet starting at the midpoint and work towards each end.
 - Tool the excess sealant at the gasket corners to ensure a watertight seal.

See **Detail 31**.

GLAZING

STEP 18 INSTALL GLASS

-Determine the glass size:

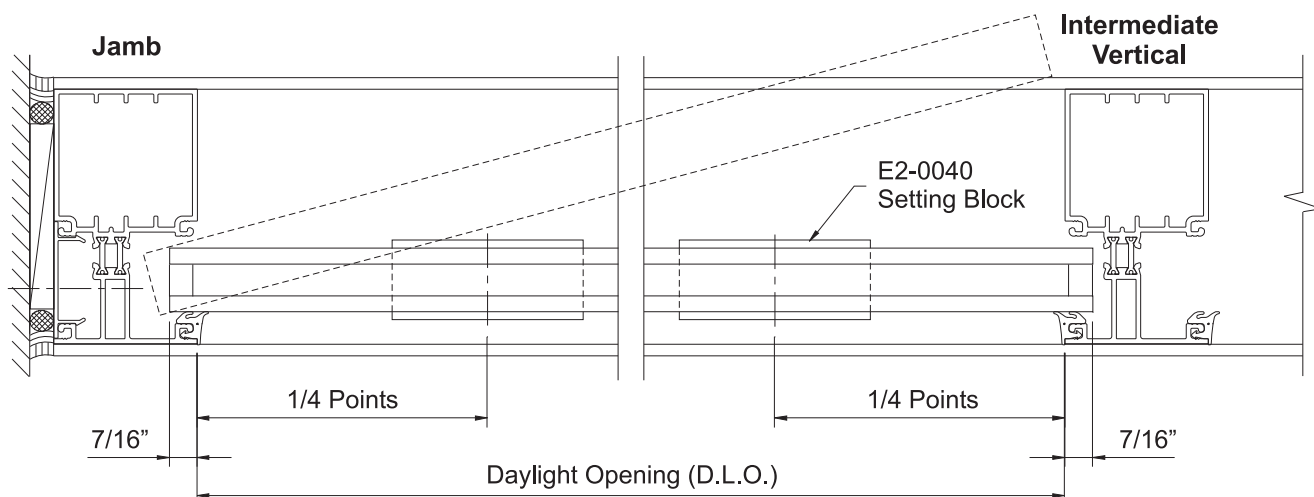
Glazing Table

GLASS SIZES
TYPICAL UNITS:
Horizontal Glass Size = D.L.O. plus(+) 7/8"
Vertical Glass Size = D.L.O. plus(+) 7/8"
CORNER UNITS:
Consult Shop Drawings for Dimensions

Glass Thickness	Adaptor	Exterior	Interior
3/16"	E9-1040	E2-0052	E2-0064
1/4"	E9-1040	E2-0052	E2-0052
5/16"	E9-1040	E2-0053	E2-0052
3/8"	E9-1040	E2-0053	E2-0053
1/2"	E9-1039	E2-0064	E2-0064
5/8"	E9-1039	E2-0052	E2-0052
3/4"	E9-1039	E2-0053	E2-0053
7/8"	—	E2-0064	E2-0064
1"	—	E2-0052	E2-0052

See the **Glazing Table** at right for gasket and adaptor usage.

- Clean the sill receptor of debris to clear weep holes.
 - Install setting blocks at 1/4 points of horizontal D.L.O. or according to engineering calculations.
 - Begin installation of glass at one end and work towards the opposite end. To clear the opening width, insert one end of the glass into the vertical deep pocket, rotate the glass into the opening, and slide the glass towards the shallow pocket to maintain the 1/2" glass bite.
 - Use a short piece of glazing gasket installed on the sides of the verticals to temporarily secure the glass.
 - Continue glass installation until all units are in place.
- See **Detail 32**.



Detail 32

GLAZING

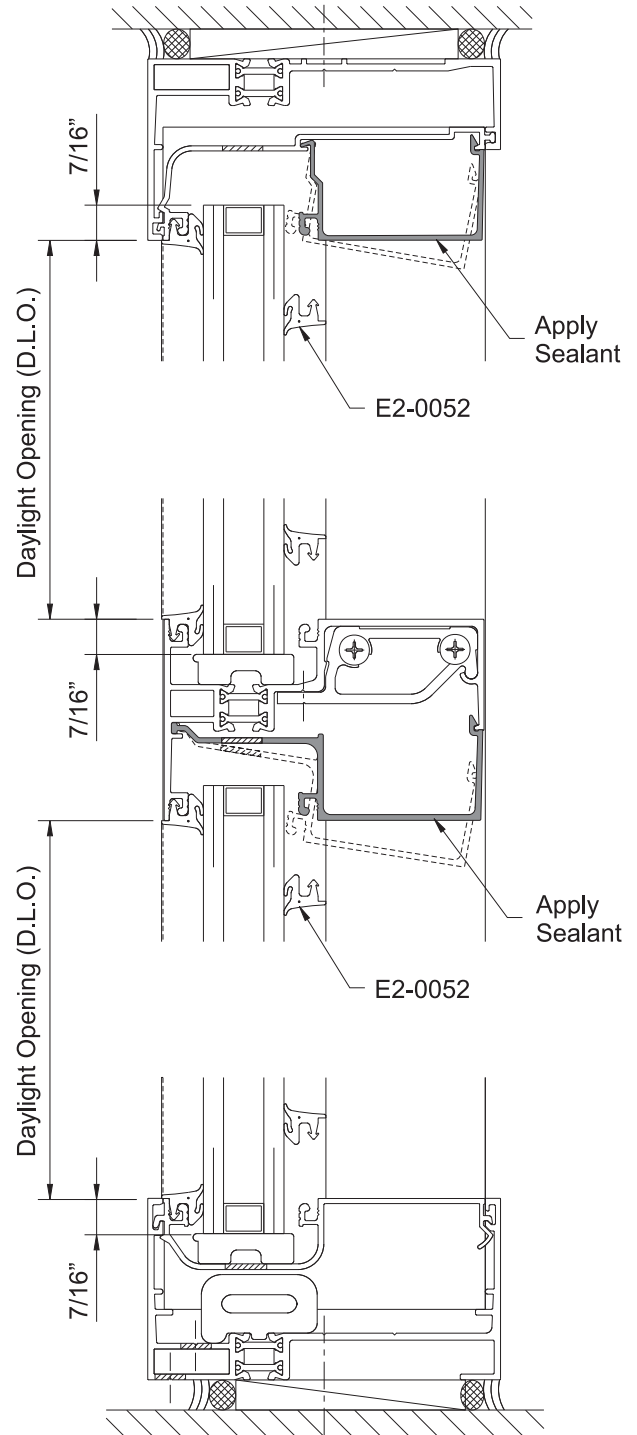
STEP 19 INSTALL INTERIOR GLASS STOPS

- Apply non-hardening sealant to each end of the glass stops and snap them into position.
- Tool the sealant into the joint between the glass stop and the vertical to ensure a watertight seal and wipe away any excess sealant.

See **Detail 33**.

- Cut interior vertical and horizontal glazing gaskets to the same dimension as described in **Step 17**.
- Remove the temporary gaskets as you work.
- Install the interior vertical and horizontal glazing gaskets using the same technique described in **Step 17** on **Page 23**.

Note: Always install vertical glazing gaskets first.



Detail 33



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