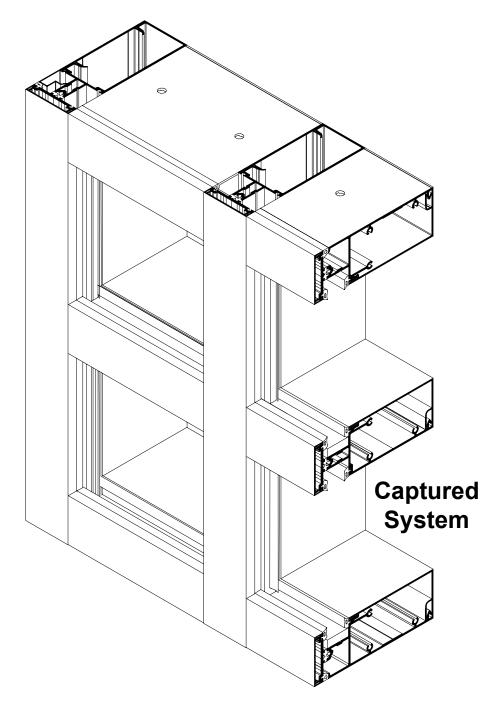




INSTALLATION INSTRUCTIONS

2 1/2" x 7" for 1" Glass

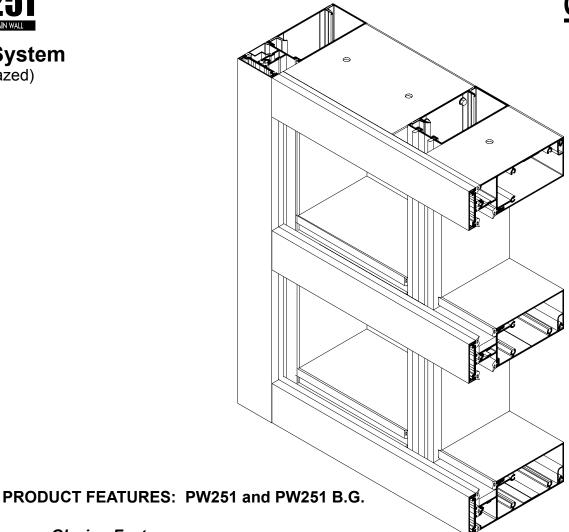






B.G. System (Butt Glazed)





Glazing Features:

- Same EPDM dense gasket used on interior and exterior at captured glass Screw spline joinery allows:
- Coral Punch die shop fabrication
- Die set punches spline and pressure bar weep holes
- Panelized frame assembly for easy transporting and installation

Pressure Bars:

- Factory installed EPDM thermal isolator with attachment holes pre-punched 9" O.C.
- Attached to back members with #12-14 x 1-1/4" HWH #3 self-drilling screws

Removable snap-on interior trim covers at all horizontals allow:

- Anchor inspection to substrate after glazing
- Inspection and/or repair of critical joint seal areas prior to and after glazing

Injection molded plastic end dams and bridges at horizontals provide:

Tight seals at intersection of vertical/horizontal joints for zone glazing

Injection molded plastic top and bottom vertical mullion caps:

- Accurate compression fit
- Provides continuous perimeter seal

Injection molded plastic temporary glazing retainer:

- Reduces labor
- Distributes uniform pressure on glass reducing risk of breaking glass
- Reusable for next project





CURTAIN WALL

These instructions are for typical installations. Reference shop drawings for special notations on installations and glazing.

TABLE OF CONTENTS

	Page
General Notes	4-6
Frame Fabrication, Captured and B.G	
Establishing Frame Size and Cut Lengths	7
Joinery Hole Locations	8
Steel Reinforcement	9
Head/Sill	10
Wall Jambs	11
Pressure Bar - Captured	12
Pressure Bar - B.G	13
Horizontal Weep Holes - Captured	14
Horizontal Weep Holes - B.G	14
Frame Assembly	
Gasket Installation	15
Joinery Tape Application	16
Vertical/Horizontal Joinery - Captured	17-20
Corner Assembly	21
Installation	
Mullion Caps	22
Panelized	23
Typical Jamb	24
Multi-Span Anchors, Splices and Transition Glazing	25-32
Perimeter Sealant Locations	33
End Dams and Bridges	34-35
Setting Blocks	36
Glazing	
Glass Formulas	37
Sealant at Gasket Corners	38
Glass Installation	39
Pressure Bar Installation - Captured	40
Pressure Bar Installation - B.G	41-43
Face Cover Installation & Sealing Mullion End Caps	44
Interior Trim Installation	45
Entrance Subframe Installation	46-47





INSTALLATION INSTRUCTIONS - General Notes -

RECOMMENDED GUIDELINES FOR ALL INSTALLATIONS:

- 1. REVIEW CONTRACT DOCUMENTS. Check shop drawings, installation instructions, architectural drawings and shipping lists to become thoroughly familiar with the project. The shop drawings take precedence and include specific details for the project. Field verified notations shown within shop drawings must be resolved prior to installation. The installation instructions are of general nature and cover most conditions.
- 2. INSTALLATION. All materials shall be installed plumb, level and true.
- **3. BENCHMARKS.** All work should start from established benchmarks and column center lines established by the architect and general contractor.
- **4. FIELD WELDING.** All field welding must be adequately shielded to avoid any splatter on glass or aluminum. Advise general contractor and other trades accordingly. All field welds of steel anchors must receive touch-up paint (zinc chromate) to avoid rust.
- **5. SURROUNDING CONDITIONS.** Make certain that construction which will receive your materials is in accordance with the contract documents. If not, notify the general contractor in writing and resolve differences before proceeding with work.
- 6. ISOLATION OF ALUMINUM. Aluminum to be placed in direct contact with uncured masonry or incompatible materials should be isolated with a heavy coat of zinc chromate or bituminous paint.
- 7. SEALANTS. Sealants must be compatible with all materials with which they have contact, including other sealant surfaces. Consult with sealant manufacturer for recommendations relative to joint size, shelf life, compatibility, cleaning, priming, tooling, adhesion, etc. It is the responsibility of the Glazing Contractor to submit a statement from the sealant manufacturer indicating that glass and glazing materials have been tested for compatibility and adhesion with glazing sealants, and interpreting test results relative to material performance, including recommendations for primers and substrate preparation required to obtain adhesion. The chemical compatibility of all glazing materials and framing sealants with each other and with like materials used in glass fabrication must be established.
- **8. FASTENING.** Only those fasteners used within the system are specified in these instructions. Due to the varying perimeter conditions and performance requirements perimeter fasteners are not specified in these instructions. Reference the shop drawings or anchor charts for perimeter fasteners.
- 9. BUILDING CODES. Due to the diversity in state, local and national codes that govern the design and application of architectural products, it is the responsibility of the architect, owner and installer to assure that products selected for use on each project comply with all the applicable building codes and laws. CORAL ARCHITECTURAL PRODUCTS exercises no control over the use or application of it's products, glazing materials and operating hardware and assumes no responsibility thereof.
- **10. EXPANSION JOINTS.** Expansion joints and perimeter seals shown in these instructions and shop drawings are shown at normal size. Expansion mullion gaps should be based on temperature at time of installation.





INSTALLATION INSTRUCTIONS - General Notes -

- 11. WATER HOSE TEST. After a representative amount of the curtain wall system has been glazed (250 square feet) and the sealant has cured, a water hose test should be conducted in accordance with AAMA 501.2 specifications to check the installation. This test should be repeated every 500 square feet during the glazing operation. Note: This test procedure should not be used for entrance doors.
- **12. COORDINATION WITH OTHER TRADES.** Coordinate with the general contractor and sequence with other trades items which offset the storefront installation such as back-up walls, partitions, ceilings and mechanical ducts.

13. MATERIAL HANDLING:

A. SHOP

- 1. Cardboard wrapped or paper interleaved material must be kept dry.
- 2. Immediately remove aluminum from cardboard wrapped or paper interleaved materials should it get wet to prevent staining or etching aluminum finish.
- 3. Check arriving materials for quantity and keep record of where various materials are stored.

B. JOB SITE

- 1. Material at job site must be stored in a safe place well removed from possible damage by other trades.
- 2. Cardboard wrapped or paper interleaved material must be kept dry. (See 13.A.2)
- 3. Keep record of where various materials are stored.
- 4. Protect materials after erection. Cement, plaster, mortar and other alkaline solutions are very harmful to the finish.
- **14. CARE AND MAINTENANCE.** Final cleaning of exposed aluminum surfaces should be done in accordance with AAMA. 609.1 for anodized aluminum and 610.1 for painted aluminum.
- **15. CORAL ARCHITECTURAL PRODUCTS.** It is the responsibility of CORAL ARCHITECTURAL PRODUCTS to supply a system to meet the architect's specifications.
- **16. GLASS.** Glazing gaskets are designed for a compression fit against glass and can accommodate (+/- 1/32"). Be sure to check overall size of glass and thickness.





INSTALLATION INSTRUCTIONS GENERAL NOTES SERIES PW251 - B.G. MULLION

- **1. SEALANTS.** All sealants referenced in these instructions must be one part elastomeric silicone and must be applied according to the silicone manufacturer's recommendations.
- 2. APPLICATION. Structural silicone must be applied from the interior and weatherseal from the exterior.
- 3. MAXIMUM ALLOWABLE STRESS ON SILICONE. The maximum allowable size of the glass lite is controlled by the width and depth of the silicone joint combined with the specified design wind load. The stress on the structural silicone must not exceed 20 PSI for a 6:1 safety factor. Check Structural Silicone Chart in the Architectural Design Manual for this product series.
- **4. ARCHITECT.** It is the responsibility of the architect to secure approval of the system and request from the Glazing Contractor the compatibility and adhesion test reports described below.
- 5. GLAZING CONTRACTOR. It is the responsibility of the glazing contractor to submit a statement from the sealant manufacturer indicating that glass and glazing materials have been tested for compatibility and adhesion with glazing sealants and interpreting test results relative to material performance, including recommendations for primers and substrate preparation required to obtain adhesion. The chemical compatibility of all glazing materials and framing sealants with each other and with like materials used in glass fabrication must be established. This is required on every project.
- **6. CORAL ARCHITECTURAL PRODUCTS.** It is the responsibility of Coral Architectural Products to supply a system to meet the architect's specification.

PRODUCT APPLICATION AND INSTALLATION

Series **PW251** Panelized Curtain Wall was designed with screw spline joinery for simple fabrication and panelized installation. These features make the fabrication and installation very similar to storefront systems. **PW251** Panelized Curtain Wall should only be installed by glazing contractors employing personnel with the necessary installation and project management experience to handle these type projects.

PW251 Panelized Curtain Wall requires the installer to pay close attention to the details shown within these *Instructions* and *General Notes*. All critical seal areas must be completed as shown.





FRAME FABRICATION Captured or B.G. Installation

Establish frame size and cut metal to length.

STEP 1.

Measure width of rough opening.

- **A.** Measure opening at bottom.
- **B.** Measure opening at center.
- **C.** Measure opening at top.

The frame width will be the smallest dimension less 1" allowing for a 1/2" minimum for shimming and caulking joint at each jamb.

Repeat process to determine frame height.

- **A.** Beginning on left side of opening, measure dimension from top to bottom.
- B. Repeat at center.
- C. Repeat at right side of opening.

The frame height will be the smallest dimension less 1" allowing 1/2" minimum for shimming and caulking joint at the head and sill.

STEP 2. Vertical Members

Cut **vertical** members to size. (All vertical members run through)

Wall jambs, intermediate verticals, snap-in perimeter jamb filler and corner mullions are cut to frame height.

- A. Pressure bars are cut frame height minus (-) 1/4".
- **B.** Face covers are cut frame height minus (-) 1/4".
- C. Vertical glazing adaptors D.L.O. (+) 1".
- **D.** Reference Pages 30-31 for vertical mullions with a splice joint.

STEP 3.

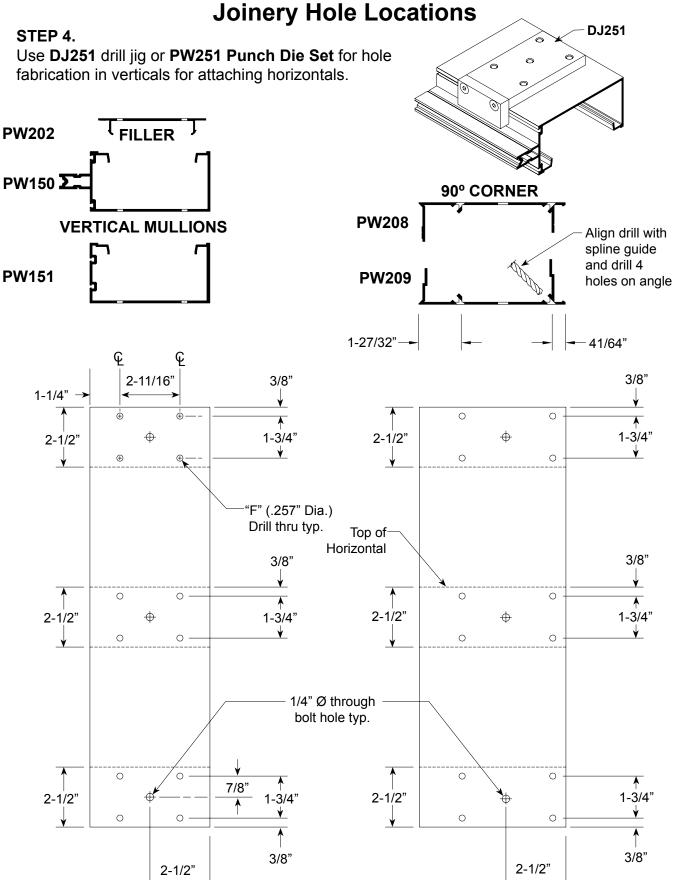
Captured - Horizontals B.G. - Horizontals Cut horizontal members to size. Cut horizontal members to size. A. Head, sill and intermediate mullions are cut D.L.O. A. Head, sill and intermediate mullions are cut D.L.O. **B.** Pressure bars run continuous between wall jambs. **B.** Pressure bars are cut D.L.O. minus (-) 1/4". C. Face covers are cut D.L.O. minus (-) 1/32". See page 42, Detail "A" for splice joints when reg'd. **C.** Face covers run continuous between wall jambs. **D.** Interior snap-on trim is cut D.L.O. minus (-) 1/32" E. Horizontal glazing adaptors D.L.O. (-) 1/8" See page 43, Detail "C" for splice joints when req'd. (Reference page 29) **D.** Interior snap-on trim is cut D.L.O. minus (-) 1/32" E. Horizontal glazing adaptors D.L.O. (-) 1/8" (Reference page 29)

Mullion spacing **tolerance** accumulation **build up** may become a problem on wide multi-bay elevations. Frequently check the cut lengths of head, sill and intermediate horizontal members prior to assembly to prevent tolerance build up. It is also good practice to check overall frame width every four or five bays during installation.





FRAME FABRICATION



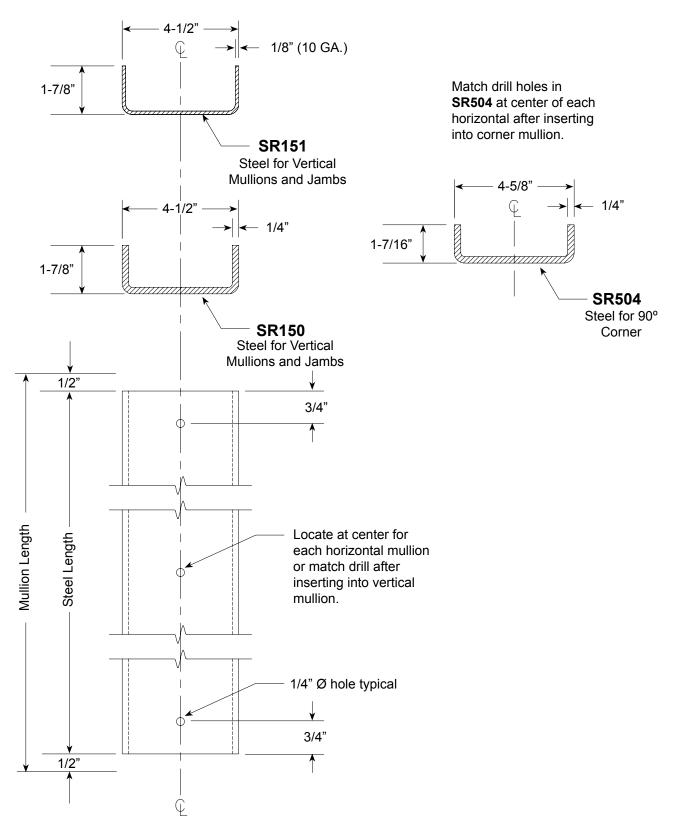




FRAME FABRICATION Steel Reinforcement

STEP 5.

Fabricate steel reinforcement where required. Cut steel 1" less than length of vertical mullion.





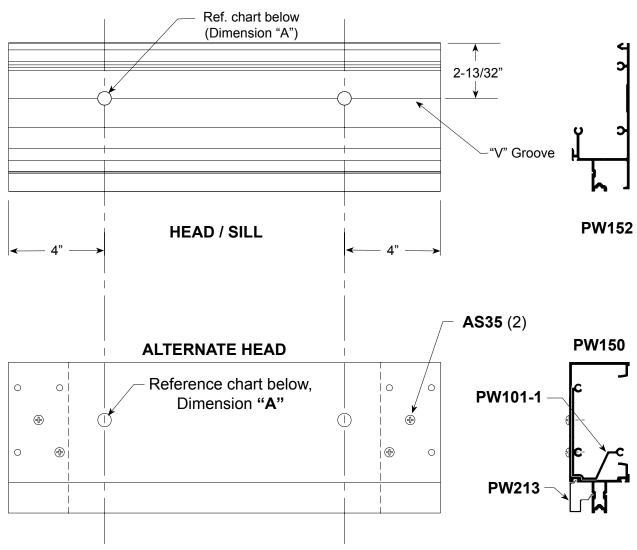


FRAME FABRICATION Head / Sill

STEP 6.

Fabricate head and sill anchor holes. Drill or punch one (1) ea. anchor hole located approximately 4" from each end of part. Hole should be centered on "V" groove located in extrusion. When two (2) or more fasteners are required, locate each additional fastener at minimum spacing as required for substrate.

Note: Hole Ø may vary depending on bolt size required for meeting job specific wind load conditions. Reference **CAP anchor charts** for typical conditions.



Punch or drill (Reference **page 8**) holes in each end of **PW150**. Attach **PW101-1** spline anchor clip in each end using, 2 each, **AS35** (#14 x 1" FHP self drilling fastener).

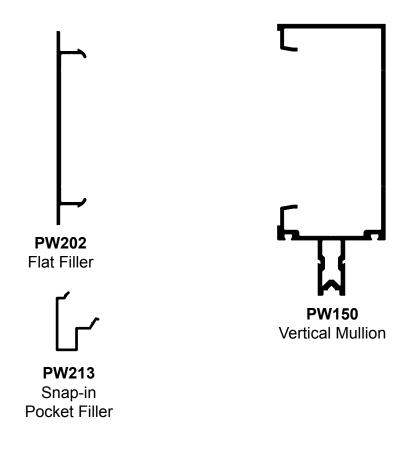
ANCHOR BOLT Ø	DIMENSION "A"
3/8"	7/16"
1/2"	9/16"

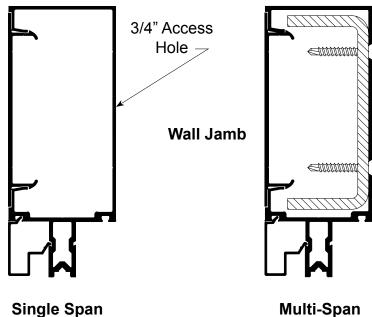




FRAME FABRICATION Wall Jamb

STEP 7. Fabricate for wall jamb using PW150, PW202 and PW213.





Locate 8" long SR150-1 tapping plate at anchor location for multi-span conditions. Reference page 26, Detail "C".



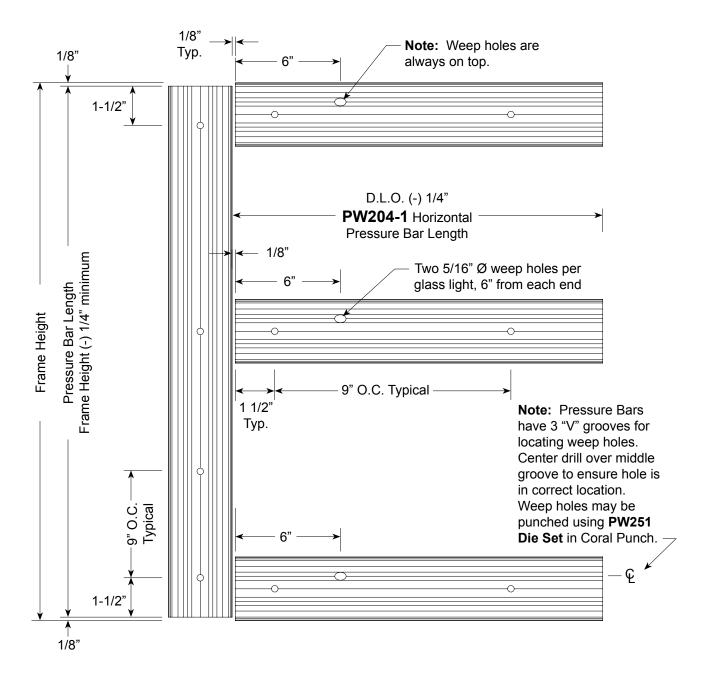


FRAME FABRICATION Pressure Bar - Captured

STEP 8.

Fabricate vertical and horizontal pressure bars.

Holes for attaching **PW204-1** pressure bars are pre-punched at factory 9" on center. The 1/4" Ø holes located 1-1/2" from each end of pressure bar will need to be added as shown below. Drill hole on "V" groove line.



Note: It is very important to ensure that vertical pressure bars are cut short to prevent dislodging **SP209** top & bottom mullion caps.



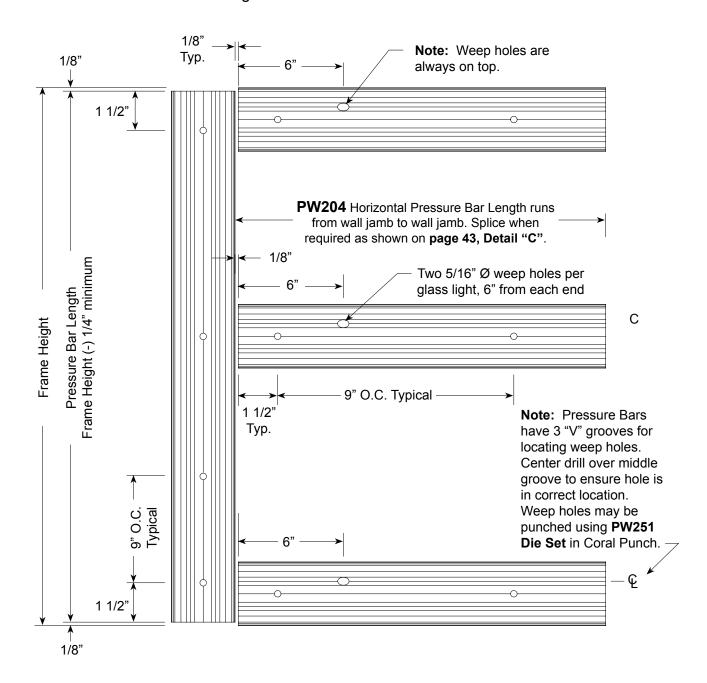


FRAME FABRICATION Pressure Bar - B.G.

STEP 9.

Fabricate vertical and horizontal pressure bars.

Holes for attaching **PW204** pressure bars are pre-punched at factory 9" on center. The 1/4" Ø holes located 1 1/2" from each end of pressure bar will need to be added as shown below. Drill hole on "V" groove line.



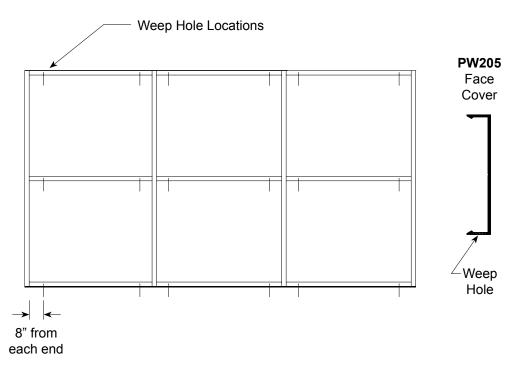
Note: It is very important to ensure that vertical pressure bars are cut short to prevent dislodging **SP209** top & bottom mullion caps.

January 2012 PW251 - Curtain Wall • 13



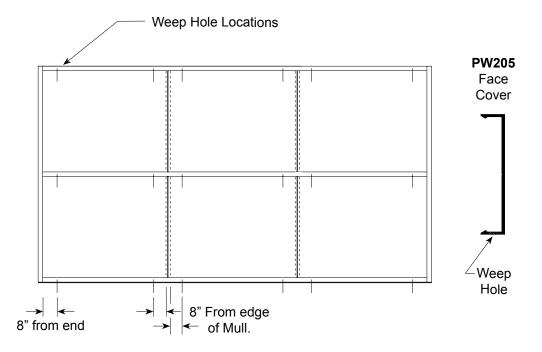


FRAME FABRICATION Weep Holes for Horizontal Covers



STEP 10. Captured Installation

Fabricate horizontal face covers for 1/4" Ø weep holes. Install covers with weep holes located on the underneath side.



STEP 11. B.G. Installation

Fabricate horizontal face covers for 1/4" Ø weep holes. Install covers with weep holes located on the underneath side when snapping on covers. See **page 43** for splice joints.





FRAME ASSEMBLY Gasket Installation

STEP 1.

Prior to assembly of frames, install the following gaskets into the fabricated framing members:

Back Members: NG10

Intermediate Pressure Bars: NG10

Perimeter Pressure Bars: NG10 (against glass) and NG11 (against aluminum)

(Reference **Detail "A"** on **page 42**). Spacer gasket for B.G. Mullion: **NG14**

GASKET INSTALLATION PROCEDURES (Do not stretch gaskets)

- **1.** Cut gaskets allowing for 1/8" extra length per foot of framing members to accommodate shrinkage.
- NG10 gaskets for vertical back members are cut D.L.O. plus 1-1/4". (Reference Detail "A" on page 38).
- 3. NG14 Vertical spacer gasket runs full length on PW151 B.G. mullion. (Reference Detail "B" on page 38).
- 4. Horizontal spacer gasket is cut to D.L.O. length.
- **5.** Horizontal pressure bar: glazing gasket should extend 1/8" beyond end of pressure bar.
- 6. Vertical pressure bar: gasket runs full length.

January 2012 PW251 - Curtain Wall • 15



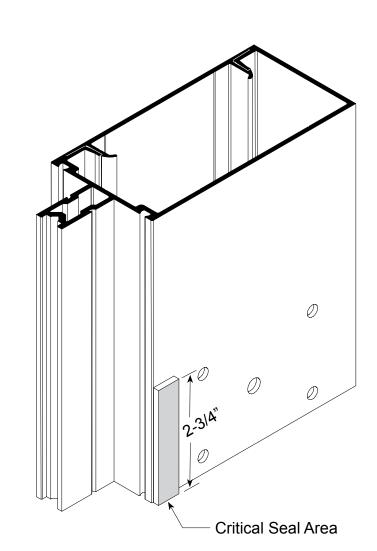


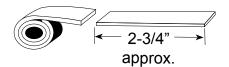
FRAME ASSEMBLY Joinery Tape Application

STEP 2.

GLAZING TAPE INSTALLATION PROCEDURES: Ref. Step 3.

- 1. Cut **SM5601** 1/8" x 1/2" tack tape approximately 2-3/4" long.
- 2. Clean surfaces where tape is to be applied with isopropyl alcohol or solvent to remove all dirt and cutting oils. Allow surface to dry before applying tape.
- **3.** Position tape on vertical mullions at horizontal joint intersections.
- **4.** Just prior to frame assembly, remove protective cover and screw joints together.
- **5.** Use a box knife to trim excess sealant tape where exposed. Do not pull tape to trim.





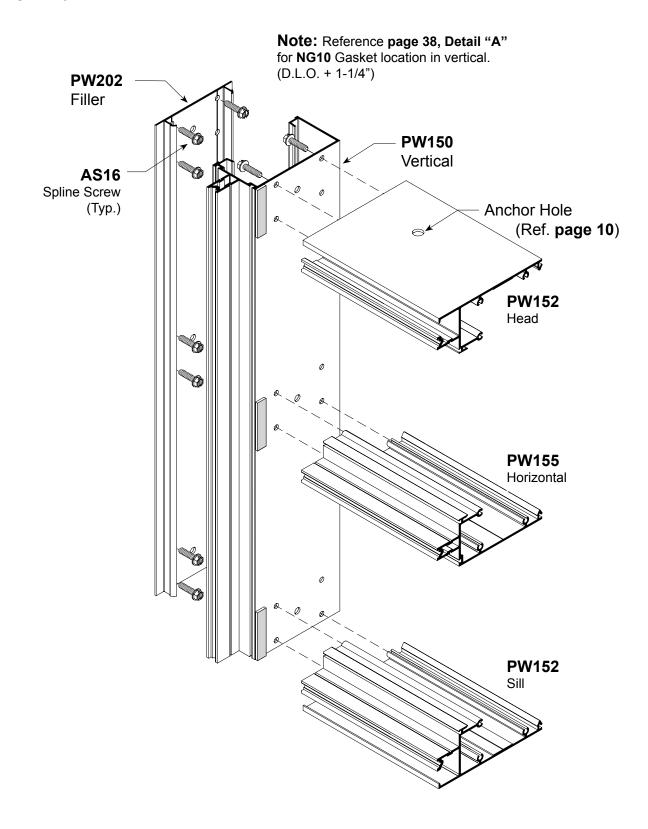
Schnee-Morehead **SM5601** 1/8" x 1/2" tacky tape.





CAPTURED FRAME ASSEMBLY Vertical to Horizontal Joinery

STEP 3.

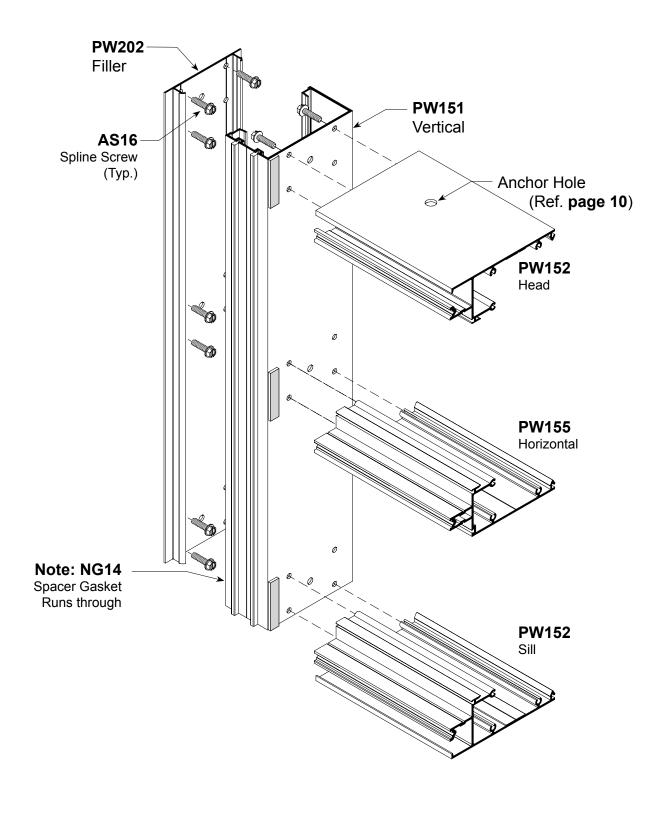






B.G. MULLION FRAME ASSEMBLY Vertical to Horizontal Joinery

STEP 4.

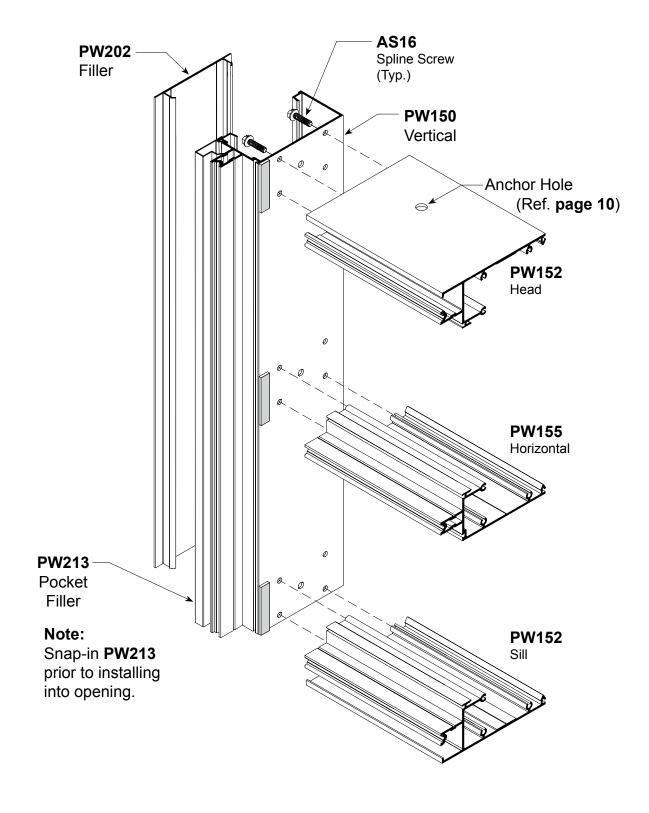






WALL JAMB ASSEMBLY Vertical to Horizontal Joinery

STEP 5.

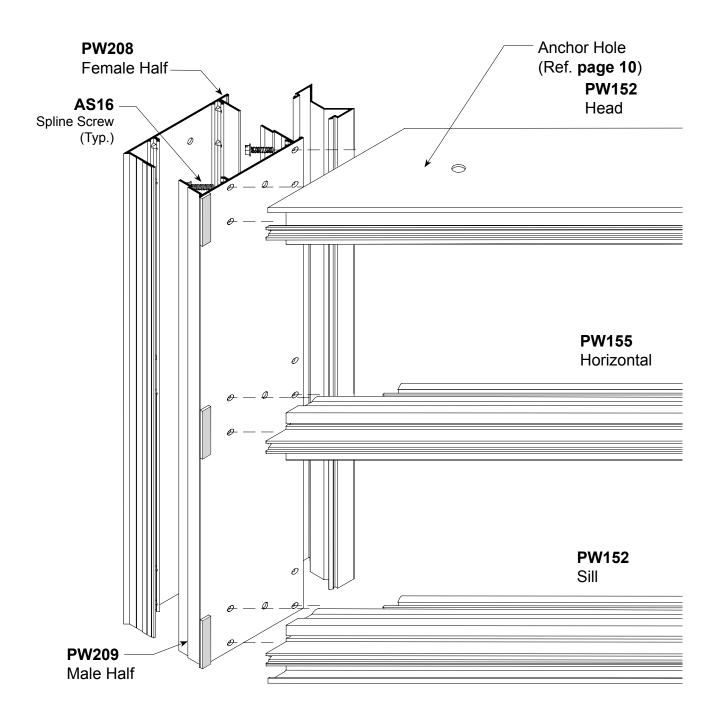






OUTSIDE CORNER ASSEMBLY Corner to Horizontal Joinery

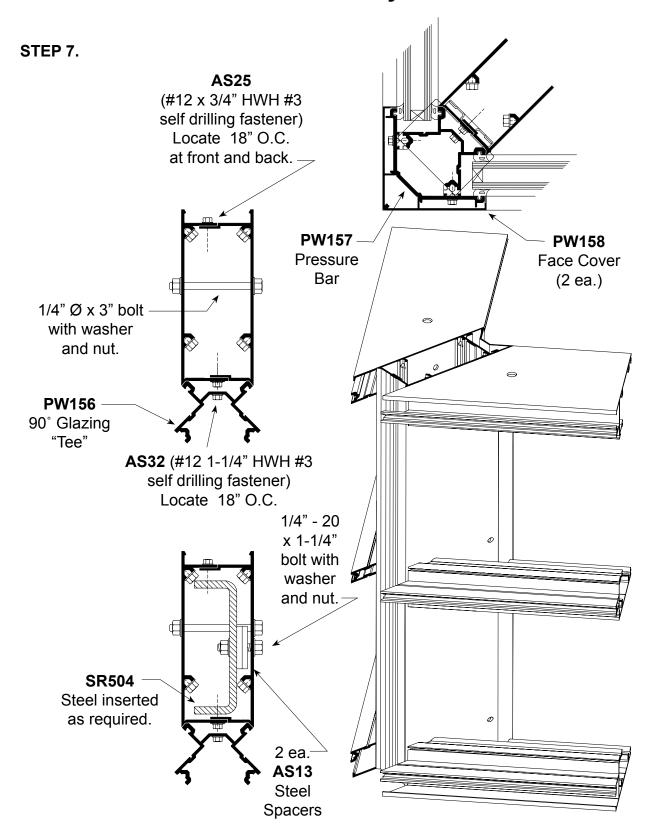
STEP 6.







OUTSIDE CORNER ASSEMBLY Corner Assembly Fasteners

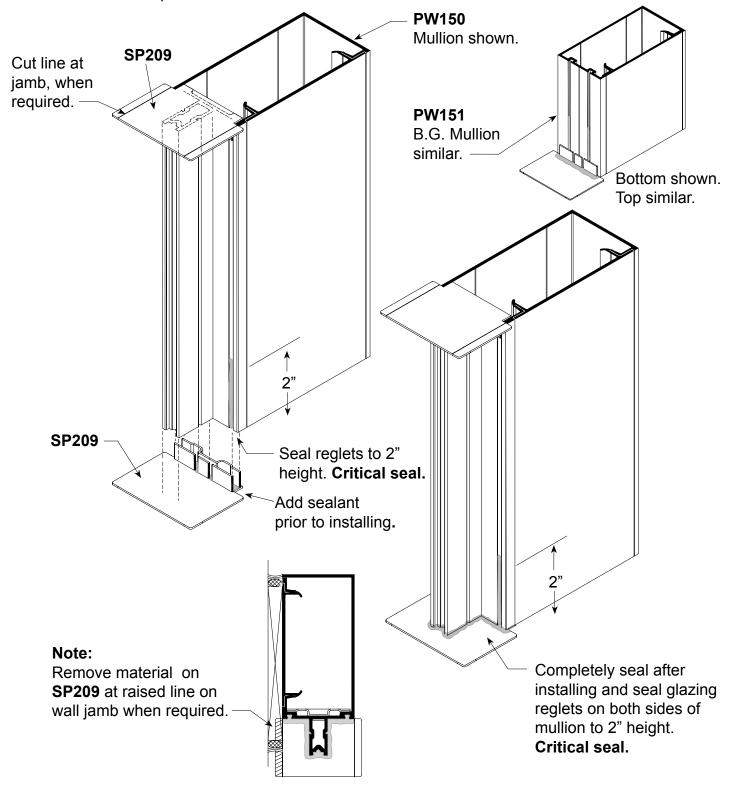






MULLION CAP INSTALLATION Captured and B.G.

STEP 8. Prior to installing frames into opening, install injection molded plastic **SP209** mullion caps at top and bottom of vertical members as shown below to ensure continuous perimeter seal.





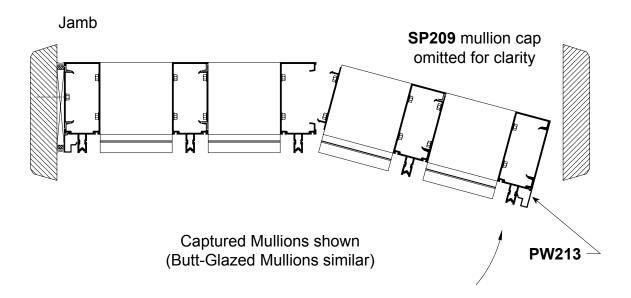


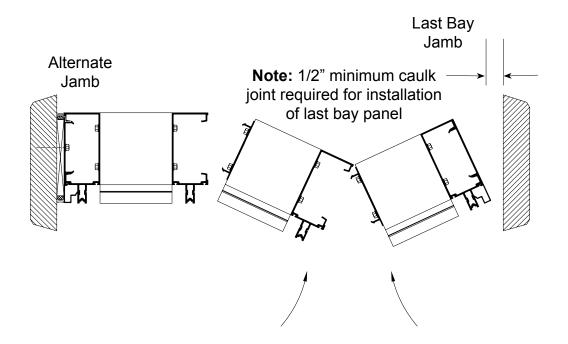
FRAME INSTALLATION Panelized Assembly

STEP 1.

Install assembled frame panels into opening starting with jamb and continue working toward the last bay until the last panel is installed. Reference illustrations shown below for sequencing.

Note: Snap-in **PW202** flat filler and **PW213** pocket filler into jambs prior to installing. **PW213** is difficult to install after jambs are installed due to limited work space.





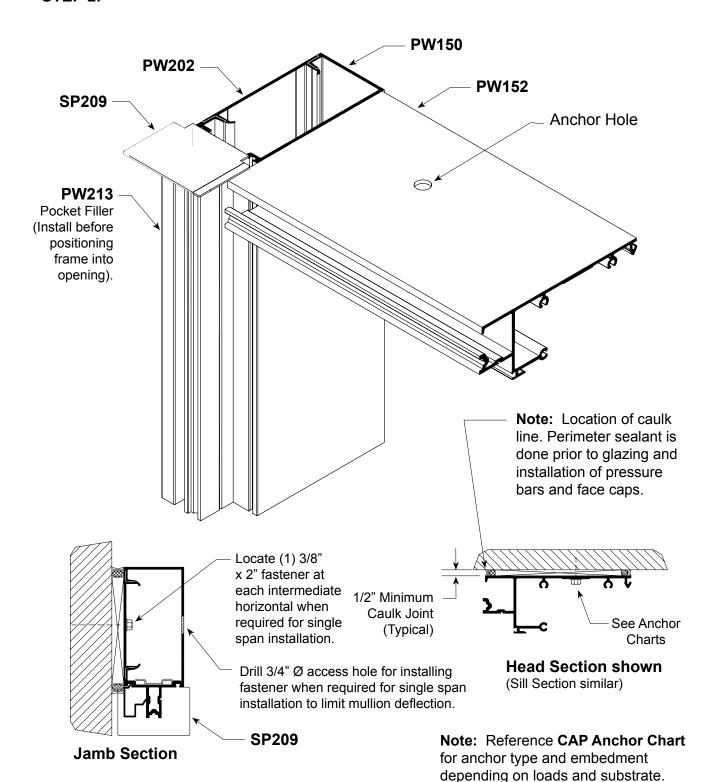
January 2012 PW251 - Curtain Wall • 23





TYPICAL JAMB INSTALLATION

STEP 2.





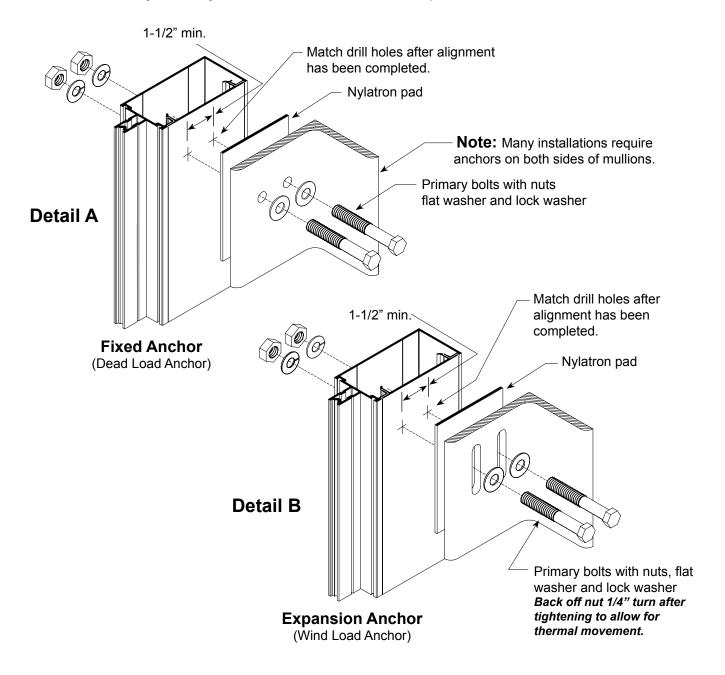


STEEL ANCHOR INSTALLATION Multi-Span Condition

Details A and **B** show fixed (dead load) and expansion (wind load) anchors. Anchor type, size and quantity vary per job requirements. Details shown are to be used as a guide only. See approved shop drawings for actual conditions.

Step 1. Secure verticals to anchor clips after alignment has been completed.

Note: Mullion spacing must be held to within \pm 1/32". Check overall frame dimension every four bays to monitor dimension build up.



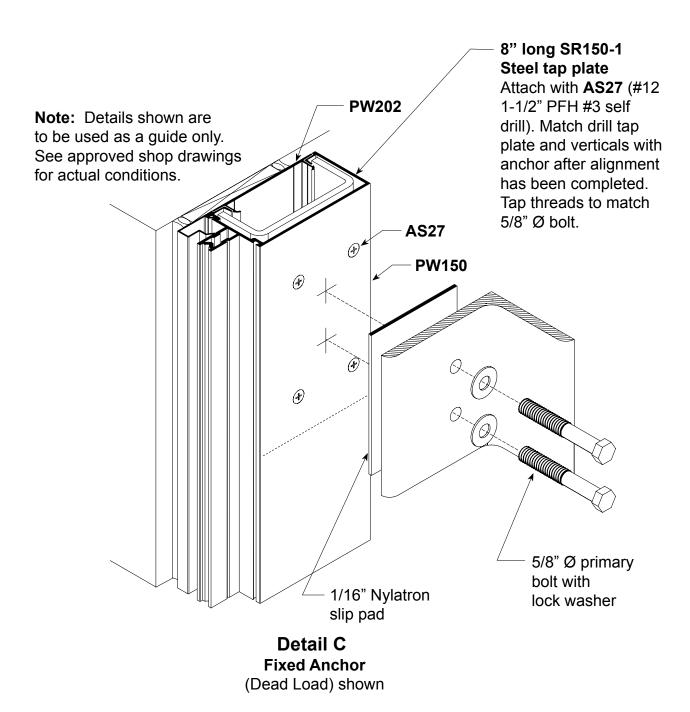
January 2012 PW251 - Curtain Wall • 25





JAMB ANCHOR INSTALLATION Multi-Span Condition

STEP 2.



Note: Reference **Detail B** on **page 25** for wind load anchor.

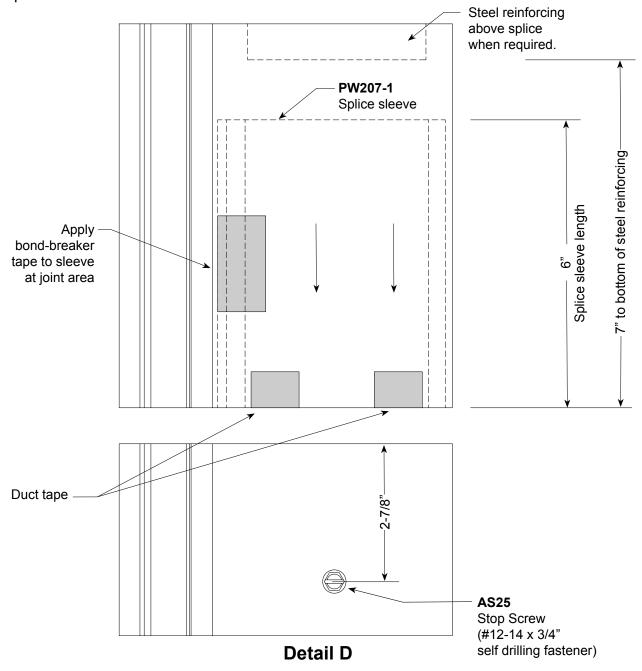




SPLICE DETAIL Vertical Mullion - Multi-Span

STEP 3.

- **1.** Clean splice sleeves and all joint surfaces. Apply bond breaker tape at areas where sleeve will be sealed to avoid three side adhesion.
- 2. Slide sleeve into the upper member before it is installed and use duct tape to hold it in retracted position.
- **3.** Install **AS25** stop screw 2-7/8" from top of lower member as shown below.
- **4.** Install upper member, remove duct tape and let extruded sleeve slide down until it rests on top of stop screw.
- **5.** Seal joint over sleeve as shown on **Detail "F"** (**page 28**). Stagger joints on back members, pressure bars.

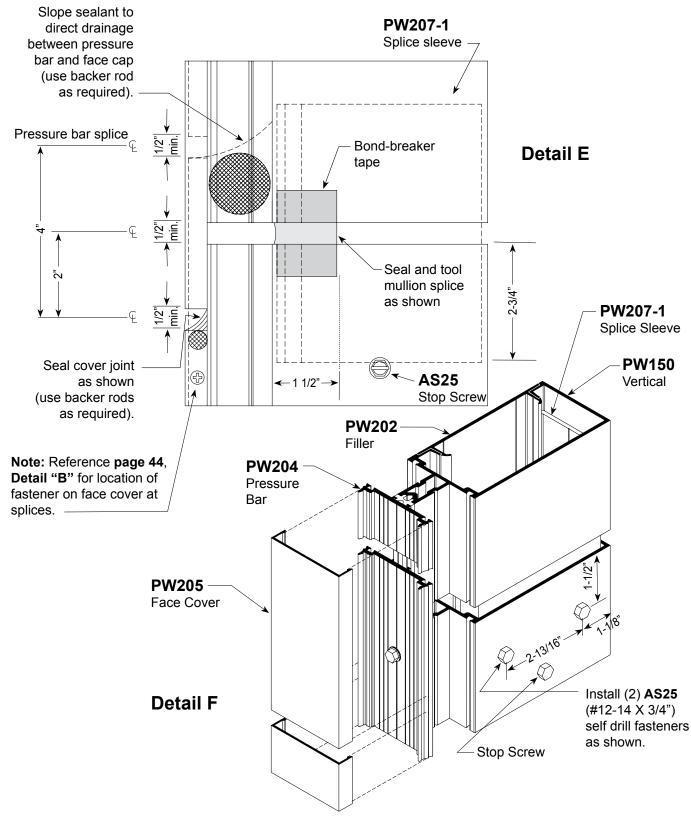






SPLICE DETAIL Vertical Mullion - Multi-Span

STEP 4.

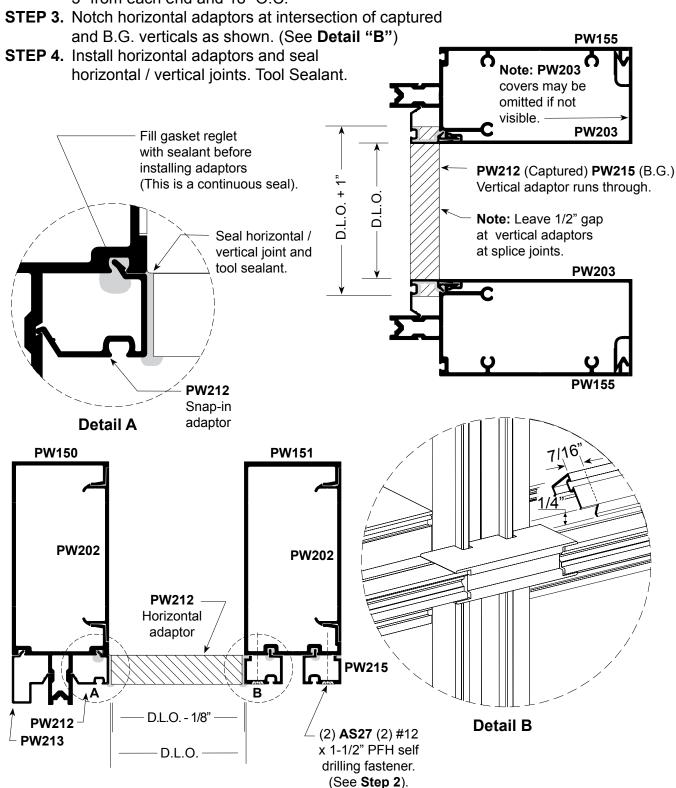






FRAME INSTALLATION 1/4" Transition Glazing at Captured or B.G. Mullion

- **STEP 1.** Apply sealant into gasket reglets before installing transition adaptors.
- **STEP 2.** Install vertical adaptors first. Attach **PW215** with **AS27** fastener approximately 3" from each end and 18" O.C.

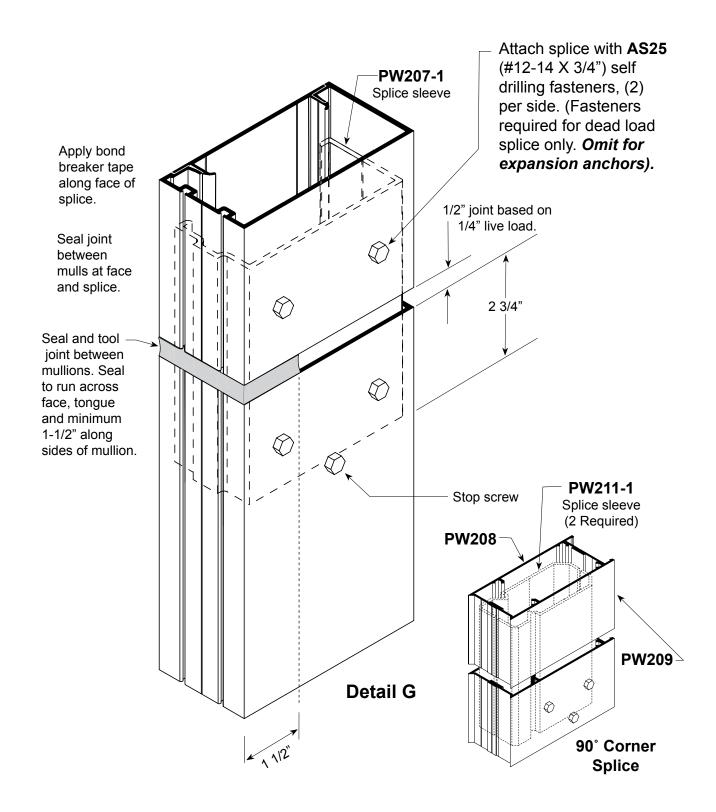






FRAME INSTALLATION B.G. Splice Sleeve

STEP 1.

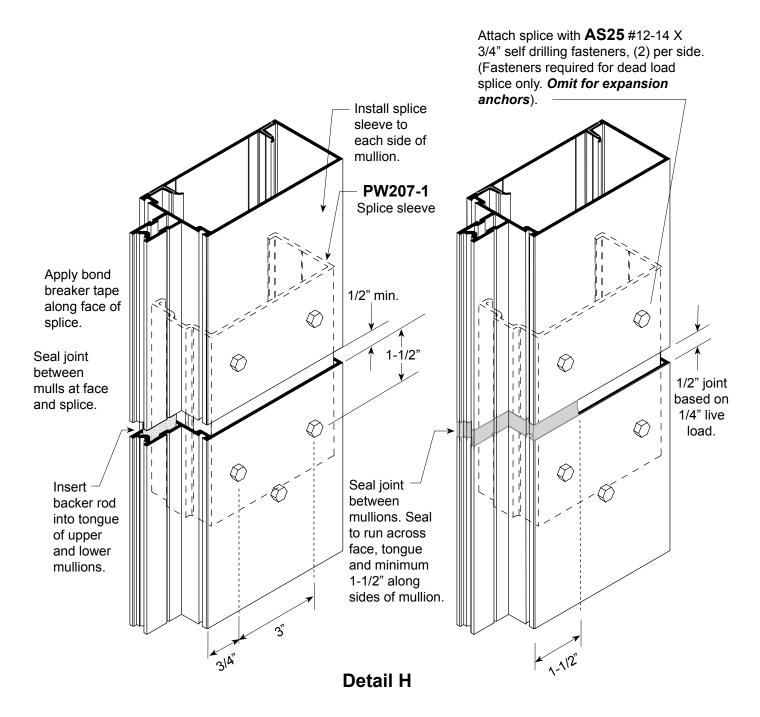






FRAME INSTALLATION Splice Sleeve

STEP 1.

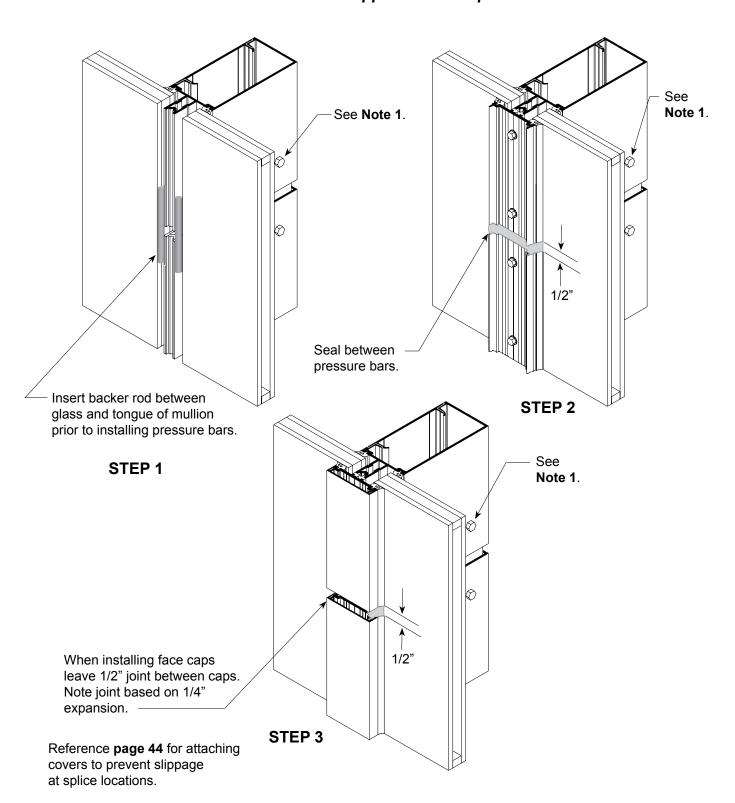






FRAME INSTALLATION Vertical Mullion Splicing

Note 1: Do not install fasteners on upper half for expansion anchors.

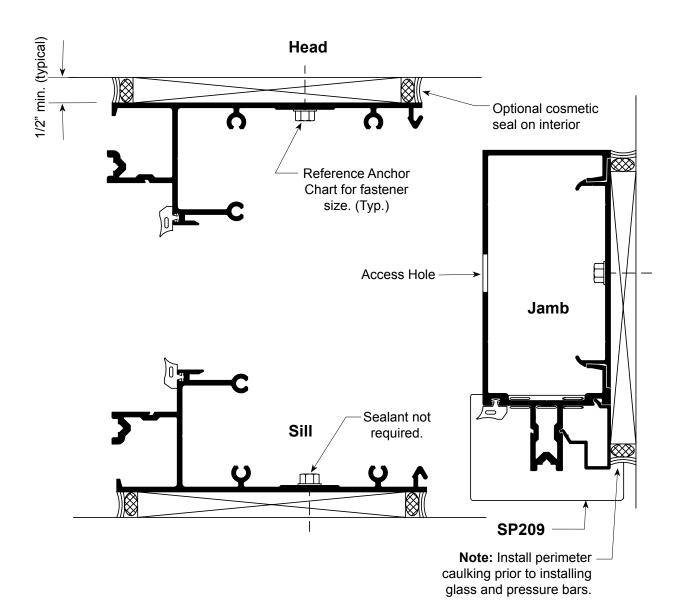






FRAME INSTALLATION Perimeter Sealant Locations

STEP 1. Once all frames are installed and the system has been anchored to the substrate, apply weather seal around the entire perimeter. See details below for the correct location of the perimeter sealant and backer rod. **Interior** cosmetic seal is optional.

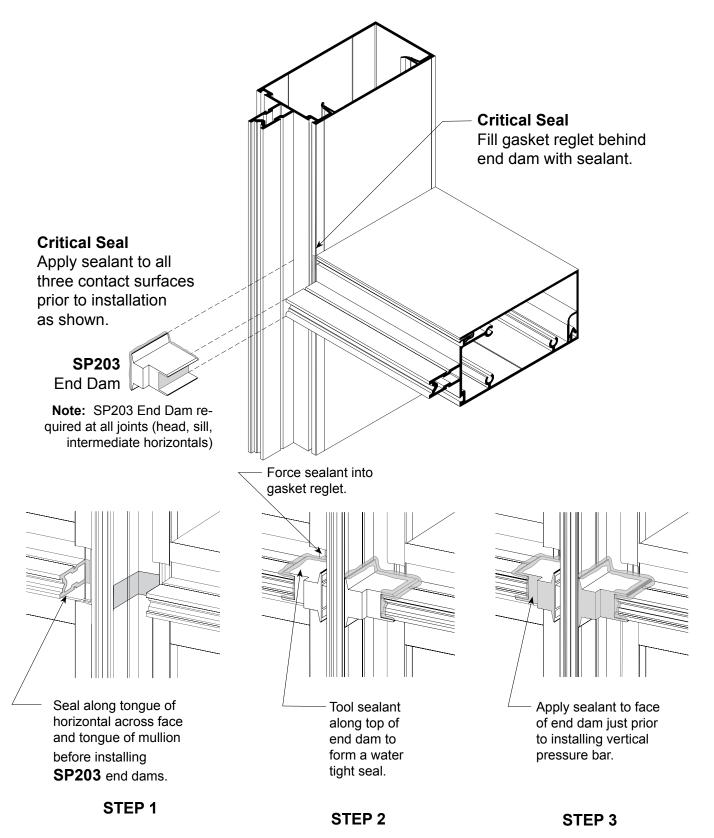


January 2012 PW251 - Curtain Wall • 33





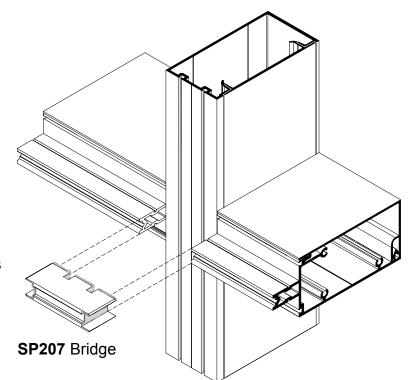
FRAME INSTALLATION End Dams







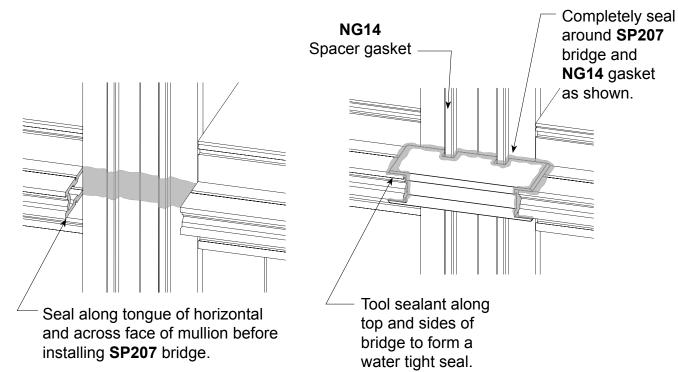
B.G. FRAME INSTALLATION Bridges



Critical Seal

Apply sealant to all three contact surfaces prior to installation as shown.

STEP 1.



January 2012 PW251 - Curtain Wall • 35

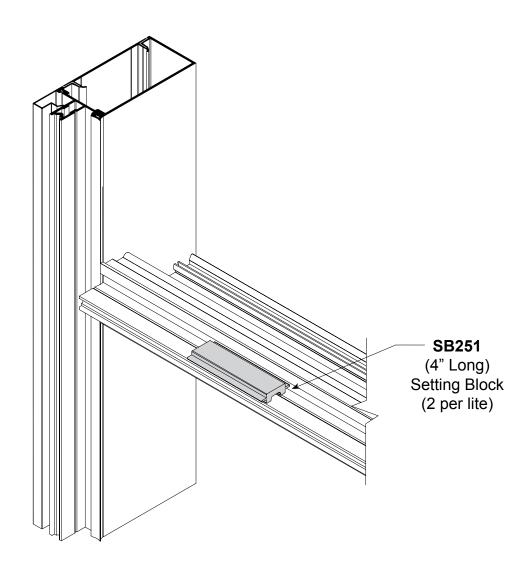
STEP 2.





GLAZING Setting Block Installation

Locate two setting blocks on each sill and intermediate horizontal member as shown. Reference **Dead Load Charts** for this system in *Architectural Detail* book and/or shop drawings for correct location based on glass size.







GLASS SIZE FORMULAS Captured and B.G. Mullions

Glass Sizes for Captured System:

Glass Width and Height = D.L.O. + 1"

Glass Sizes for Butt Glazed System: (See Detail A below)

Glass Height = D.L.O. + 1"

Glass Width (Butt Glaze on Both Sides) = D.L.O. + 2"

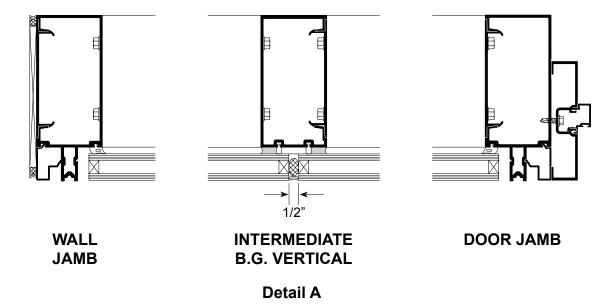
Glass Width (Butt Glaze on One Side and

Captured on the Other Side) = D.L.O. + 1 1/2"

Glass Width at 90° Corner:

With Captured Intermediate Vertical = D.L.O. + 1" With B.G. Intermediate Vertical = D.L.O. + 1-1/2"

Note: Glass tolerances are not addressed in the above formulas. Consult the glass manufacturer for glass tolerances prior to ordering. Structural silicone must be applied from the interior and weatherseal from the exterior.

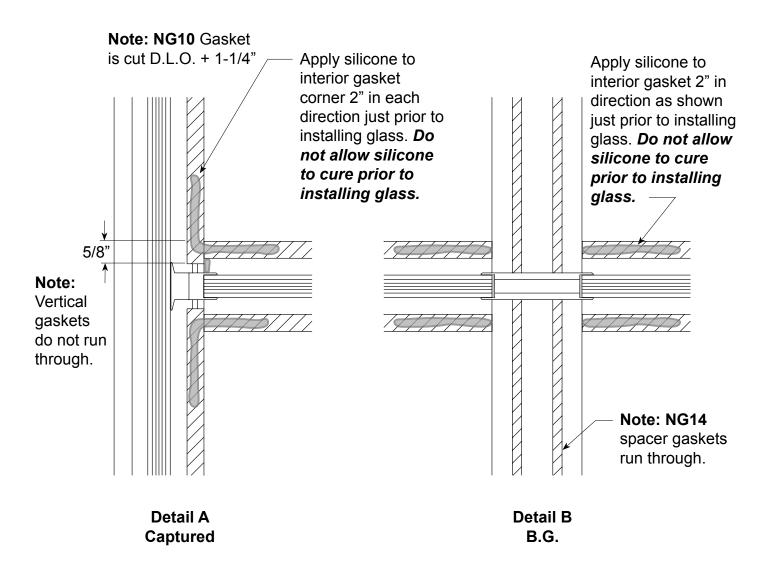


January 2012 PW251 - Curtain Wall • 37





GLAZING Sealant at Interior Gasket Corners



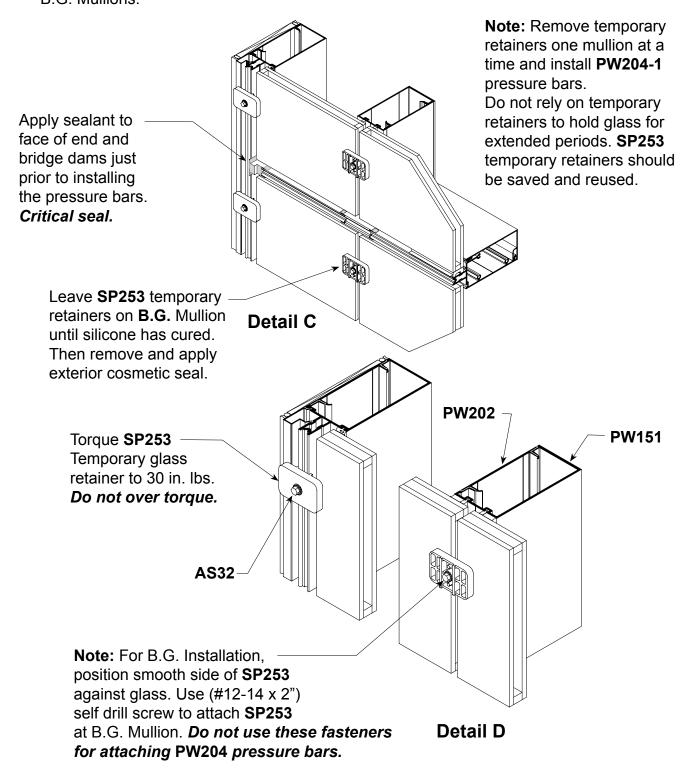




GLAZING Glass Installation

Step 1.

Install glass and center in opening. Retain glass with **SP253** temporary retainers. Retainers should remain in place until structural silicone has fully cured on B.G. Mullions.

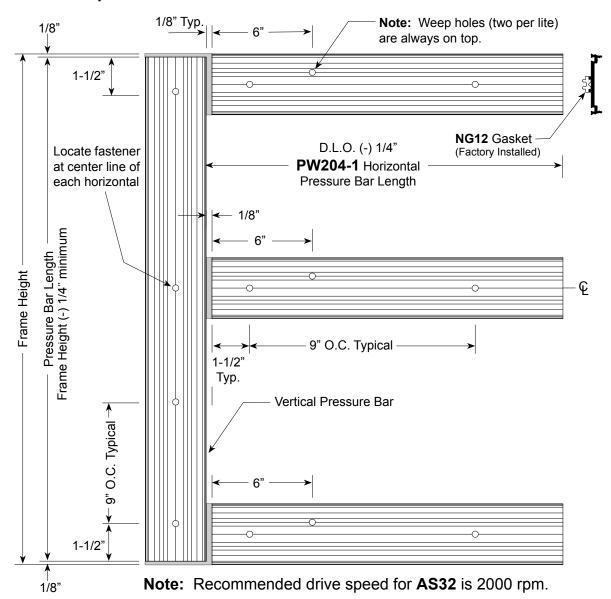






GLAZING Pressure Bar Installation - Captured

Install **AS32** vertical pressure bar fasteners from bottom to top and horizontal pressure bar fasteners from center outward. Make sure one fastener is located 1-1/2" maximum from vertical/horizontal joint intersections to ensure proper pressure over end dams. **While installing pressure bar fasteners, take care not to disengage NG12 pressure bar spacer.**



Step 1. Attach vertical pressure bars leaving a 1/8" gap at top and bottom with **AS32** (#12 x 1-1/4") #3 self-drilling fasteners. Using electrically powered hand held drill/driver, torque **AS32** fasteners to 85-90 in. lbs. If using battery power tools, *it is recommended that installer frequently check for accurate torque settings, as battery power will diminish over time.* **Step 2.** Center horizontal pressure bars in opening leaving a 1/8" gap at each end

and attach. **Step 3.** Seal gaps at vertical/horizontal intersections and at top and bottom of vertical pressure bars.

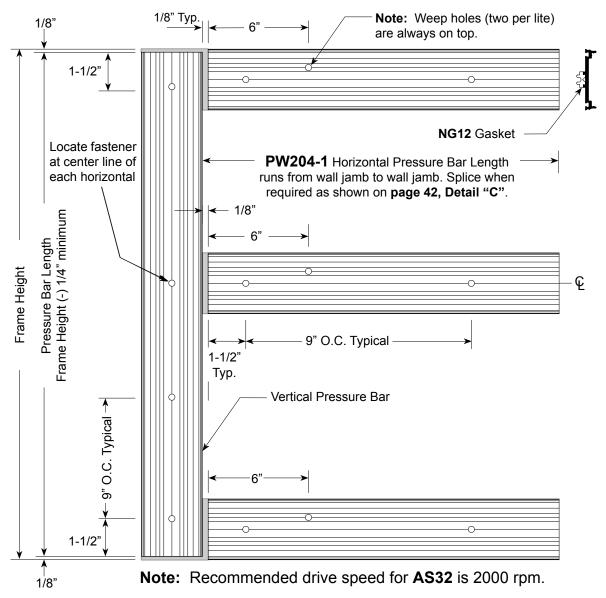
40 • PW251 - Curtain Wall January 2012





GLAZING Pressure Bar Installation - B.G.

Install **AS32** vertical pressure bar fasteners from bottom to top and horizontal pressure bar fasteners from center outward. Make sure one fastener is located 1-1/2" maximum from vertical/horizontal joint intersections to ensure proper pressure over end dams. **While installing pressure bar fasteners, take care not to disengage NG12 pressure bar spacer.**



Step 1. Remove temporary retainers one mullion at a time. Attach vertical pressure bars leaving a 1/8" gap at top and bottom with **AS32** (#12 x 1-1/4" #3 self-drilling fasteners). Using an electrically powered hand held drill/driver, torque **AS32** fasteners to 85-90 in. lbs. If using battery power tools, it is recommended that installer frequently check for accurate torque settings, as battery power will diminish over time.

- **Step 2.** Center horizontal pressure bars in opening leaving a 1/8" gap at each end and attach.
- **Step 3.** Seal gaps at vertical/horizontal intersections and at top and bottom of vertical pressure bars.

January 2012

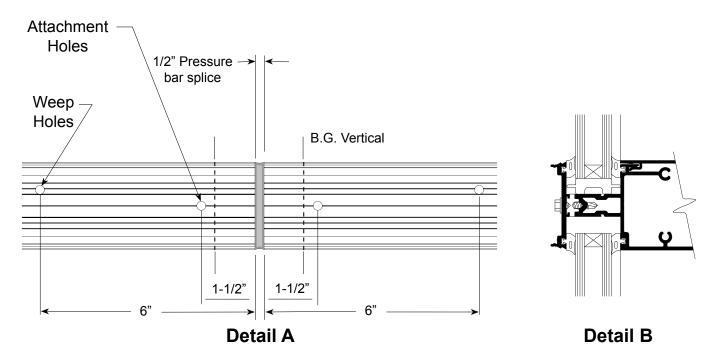




PRESSURE BAR INSTALLATION At B.G. Mullions

- 1. Remove temporary retainers one vertical at a time and install pressure bars using AS32 (#12 x 1-3/4") #3 self-drilling fasteners and a cordless adjustable clutch driver/drill with a 3/8" driver. Torque fasteners to 85-90 inch pounds. Periodically check the torque setting on the adjustable clutch driver/drill.

 Note: Recommended drive speed for AS32 is 2000 rpm.
- 2. Install wall jamb pressure bar fasteners from bottom to top and horizontals from center outward. Locate **AS32** fasteners 1-1/2" maximum from vertical/horizontal intersections to ensure proper pressure over end and bridge dams. Reference **Step 8**, page 12.
- **3.** Remove temporary retainers from horizontals, one bay at a time, and center horizontal pressure bars in opening leaving 1/8" gaps at ends and 1/2" at splice joints. Attach with **AS32** fasteners, reference **page 41** and **Detail "A"** below.
- **4.** Upon completion of pressure bars installation and just prior to installing face covers, seal all gaps at intersection of vertical/horizontal pressure bar joints and tool the sealant.
- **5.** Seal between pressure bar & face cover splices. Keep sealant away from face cover snap area.



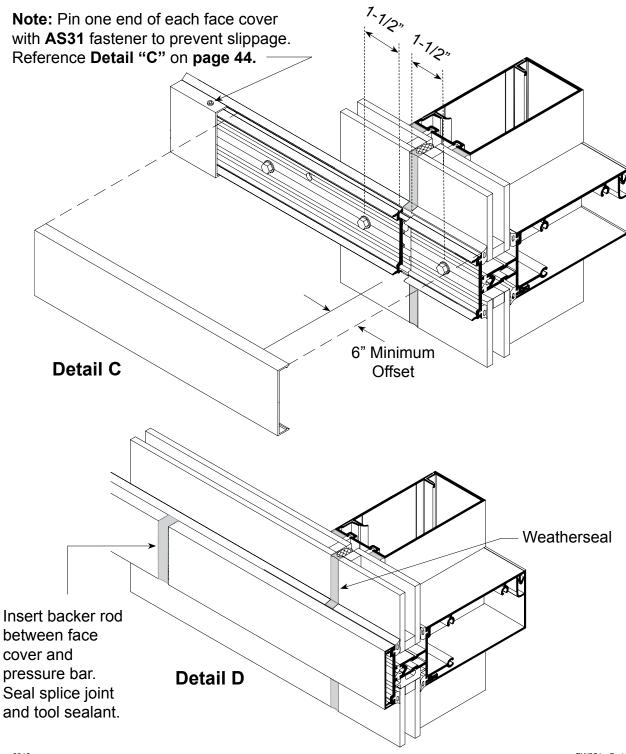
Pressure bar splicing & sealing at B.G. Mullions (Intermediate Horizontal shown; Head & Sill similar)





HORIZONTAL FACE COVER Splice Joints - B.G. Installation

- 1. Locate 1/2" wide splice joints at center line of vertical members.
- 2. Do not align face cover splices directly over pressure bar splices. Offset 6" minimum. See **Detail "C"**.
- **3.** Set backer rod between face cover and pressure bars at joint and seal. Tool sealant. See **Detail "D"**.

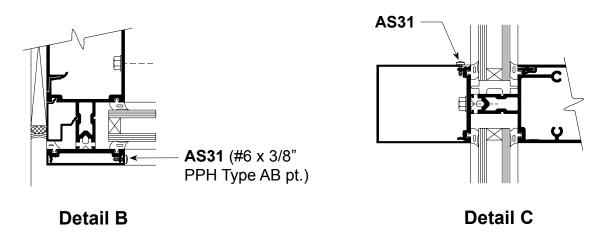




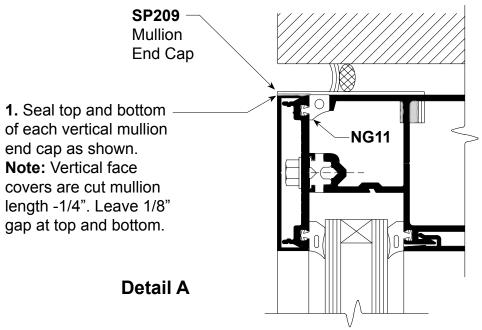


FACE COVER INSTALLATION

- **1.** Care must be taken to prevent damage of face covers during installation. Use a piece of wood such as 2" x 4" approximately 8-10" long and a 3" diameter Stanley 3 lb. Compo-Cast dead blow soft face hammer.
- 2. Install vertical face covers first. Do not displace top and bottom mullion caps when installing face covers. Pinning of vertical face cover is required to prevent slippage. Use one AS31 on each side per cut length, concealed behind horizontal face cover as shown. See **Detail B**.
- 3. Install snap-in horizontal face covers with the weep holes located on the bottom side.
- **4.** Horizontal face covers exceeding 1-1/2" in depth must be pinned on top side with **AS31** fastener to prevent disengagement. Locate one fastener at mid-point for 3-5 ft. lengths. On longer lengths, locate at 3'-0" O.C. See **Detail C.**



SEALING MULLION END CAPS Top and Bottom (Top Shown - Bottom Similar)

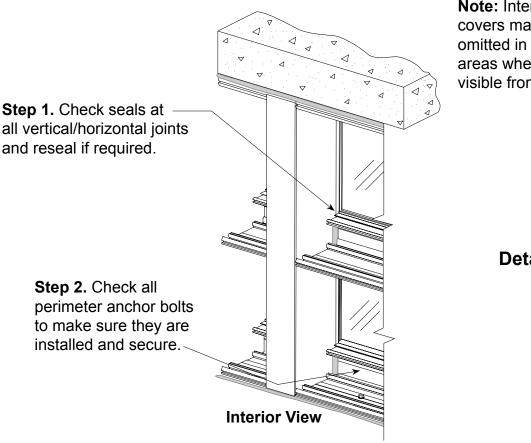


44 • PW251 - Curtain Wall January 2012





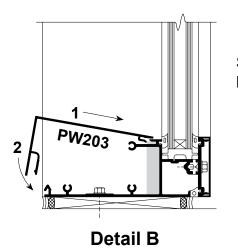
INTERIOR TRIM INSTALLATION **Checking Joinery Seals and Anchor Bolts**



Note: Interior trim covers may be omitted in spandrel areas when not visible from interior.

Detail A

Step 3. Insert PW203 interior trim cover into receiver and snap downward into place. Use dead blow mallet and wooden block as required. Take care not to ding or bend cover.



Sill shown, head and horizontal similar.

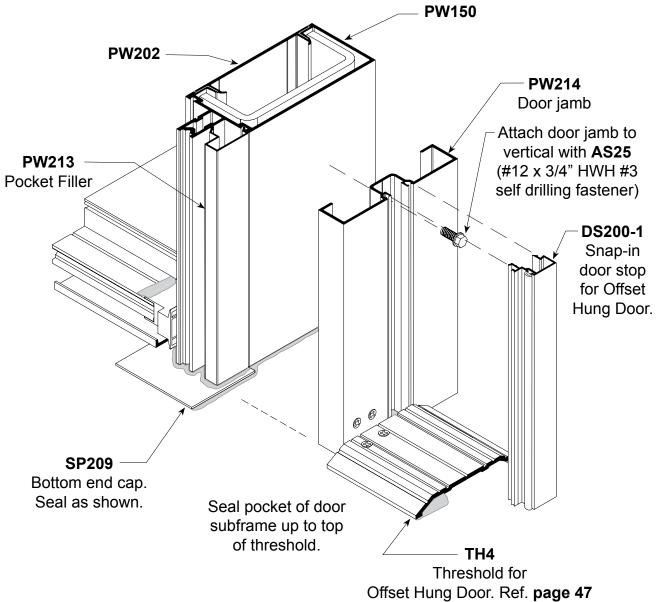
Exterior View





ENTRANCE SUBFRAMES

Note: Refer to FRAMES & ENTRANCES section of this manual for additional fabrication and installation instructions. Entrance Frames may be installed simultaneously with Curtain Wall or after Curtain Wall installation has been completed.



for attachment to substrate.

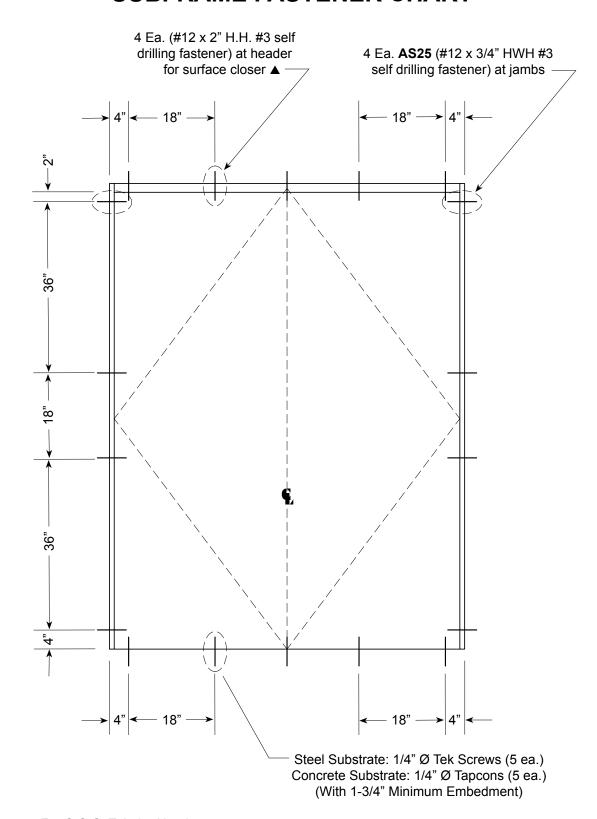
Offset Hung Door

46 • PW251 - Curtain Wall January 2012





SUBFRAME FASTENER CHART



▲ For C.O.C. Tubular Header, use 4 ea.
AS25 with access holes concealed under DS202-1 offset arm cover.

January 2012 PW251 - Curtain Wall • 47