Product Manual - Windows

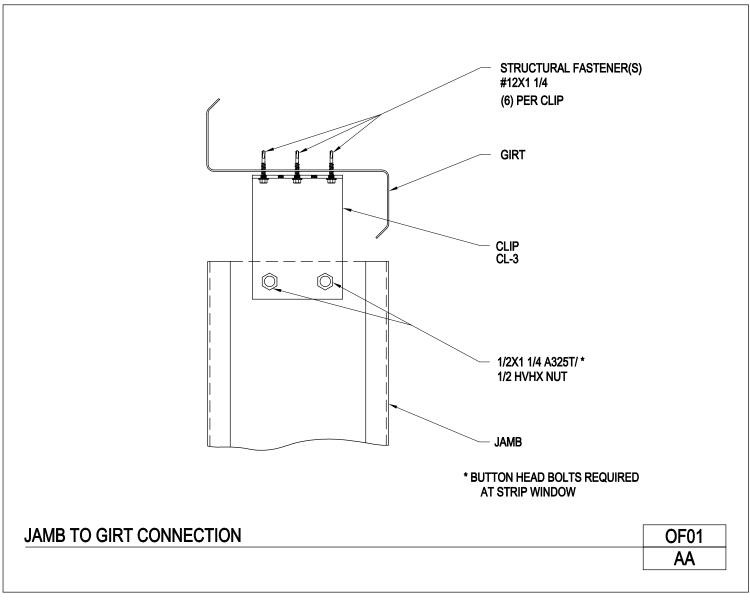
OF01/AA, Jamb to Girt Connection OF12/AA, Jamb Base Detail OF26/AA, Sill to Jamb Connection OFOE/AA, Window Sub-Framing Key WN01/AB, 3' x 3', 4' x 3', 4' x 4', and 6' x 4' Window Sections WN01/AC, 3' x 3', 4' x 3', 4' x 4', and 6' x 4' Window Sections WN01/AD, Typical Section Through Window Jambs (4' x 3' Window) WN02/AA, Typical Section Through Window Head & Sill WN02A/AD, Typical Section Through Window Head & Sill (4' x 3' Window) WN02/AD, Typical Section Through Window Head & Sill (4' x 3' Window) WN03/AA, Window Installation Procedures WN03A/AA, Installation Instructions, Window Without Steel Subframes WN03B/AA, Installation Instructions, Windows With Steel Subframes WN04/AB, Window Installation Procedure (2' x 7' Window) WN04/AD, Window Installation Procedure (4' x 3' Window) WN07/AB, Panel Opening Detail (2' x 7' Window) WN07/AD, Panel Opening Detail (4' x 3' Window) WN09A/AD, Panel Cut Detail (4' x 3' Window) WN10A/AD, Panel Stiffener Installation (4' x 3' Window) WN11A/AD, Window Sill Flashing Installation (4' x 3' Window) WN11B/AD, Window Installation Detail (4' x 3' Window) WN12/AA, 2' x 6', 3' x 3', 4' x 3', 4' x 4' and 6' x 3' Window Dimensions WN13A/AA, Window Installation with Steel Subframes WN13/AB, Window Installation Without Steel Subframes WN13/AC, Window Installation Without Steel Subframes WN14/AA, 3' x 3', 4' x 3', 4' x 4', and 6' x 3' Window Mullion WN15/AA, Typical Section Through Thermal Break Window WN16/AD, Finished Window Elevation (4' x 3' Window) WN17/AB, Finished Window Elevation (2' x 7' Window) WN22/AB, Typical Section Through Window Head & Sill (2' x 7' Window) WN27/AB, Typical Section Through Window Jambs (2' x 7' Window) WN27/AC, Typical Section Through Window Jambs (2' x 7' Window) WN27/AV, Typical Section Through Window Jambs (2' x 7' Window) WN33A/AD, Caulking Detail (4' x 3' Window)





Jamb to Girt Connection

OF01/AA

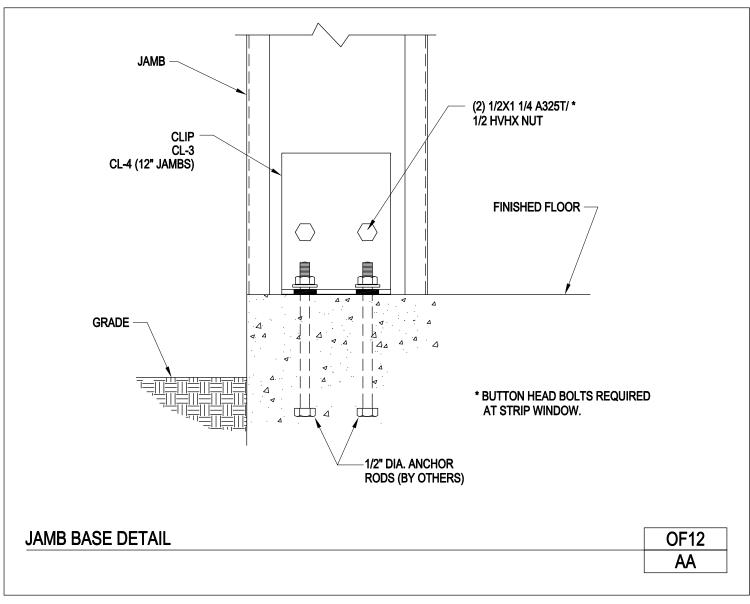


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Jamb Base Detail

OF12/AA



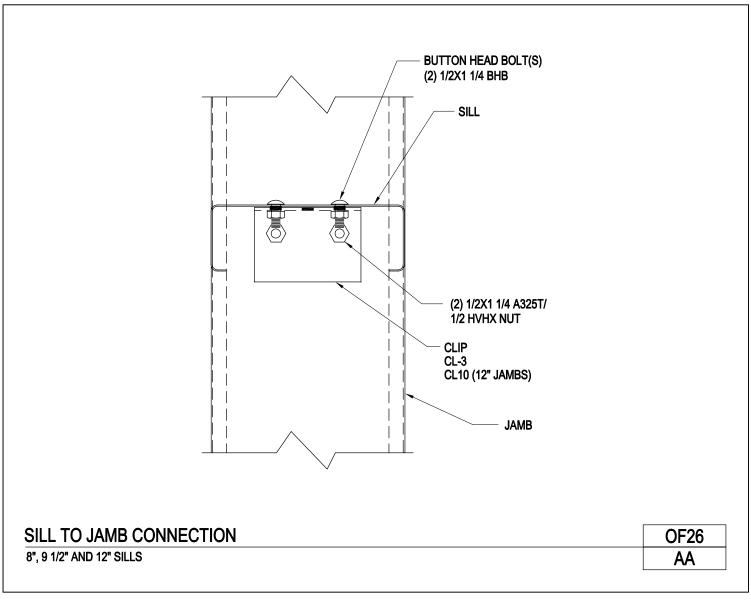
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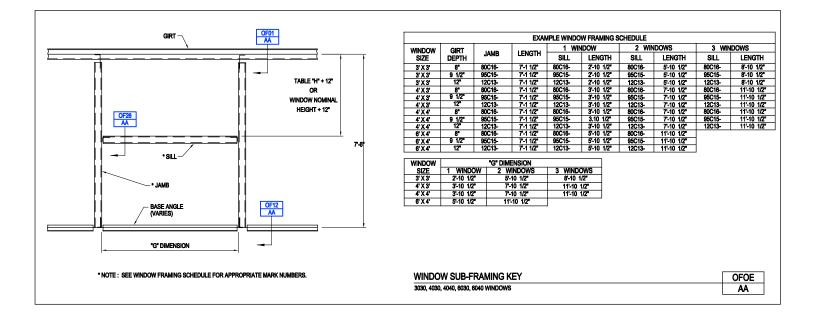
Sill to Jamb Connection 8", 9 1/2", and 12" Sills OF26/AA



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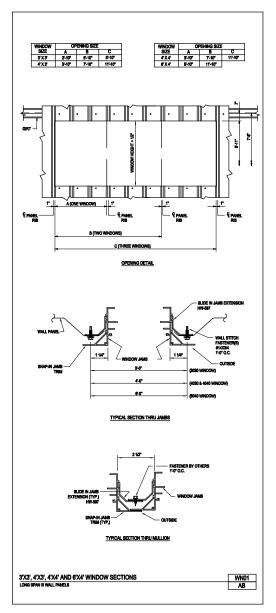
Window Sub-Framing Key 3030, 4030, 4040, 6030, 6040 Windows OFOE/AA



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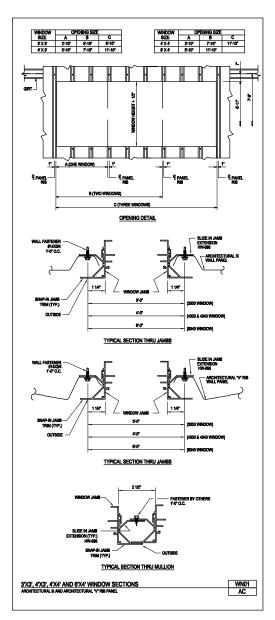
3' x 3', 4' x 3', 4' x 4', and 6' x 4' Window Sections Long Span III Wall Panels WN01/AB



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3' x 3', 4' x 3', 4' x 4', and 6' x 4' Window Sections Architectural III and Architectural "V" Rib Wall Panels WN01/AC

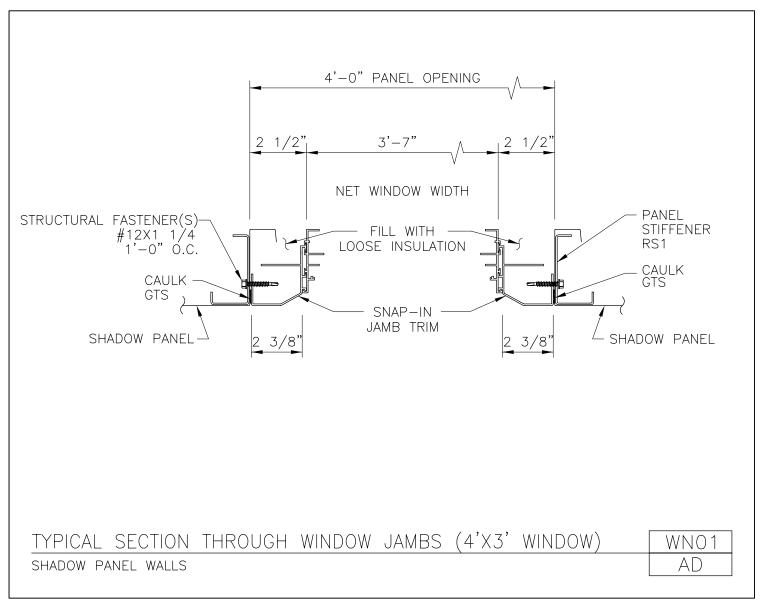


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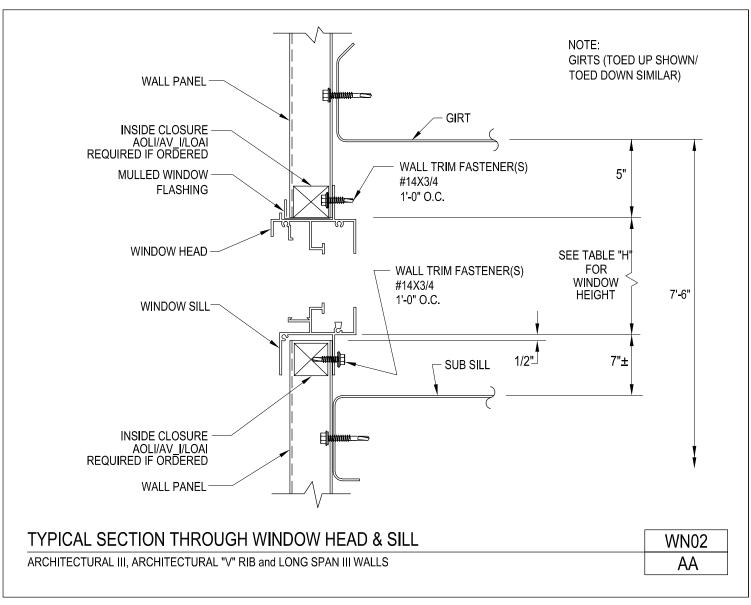
Typical Section Through Window Jambs (4' x 3' Window) Shadow Panel Walls WN01/AD



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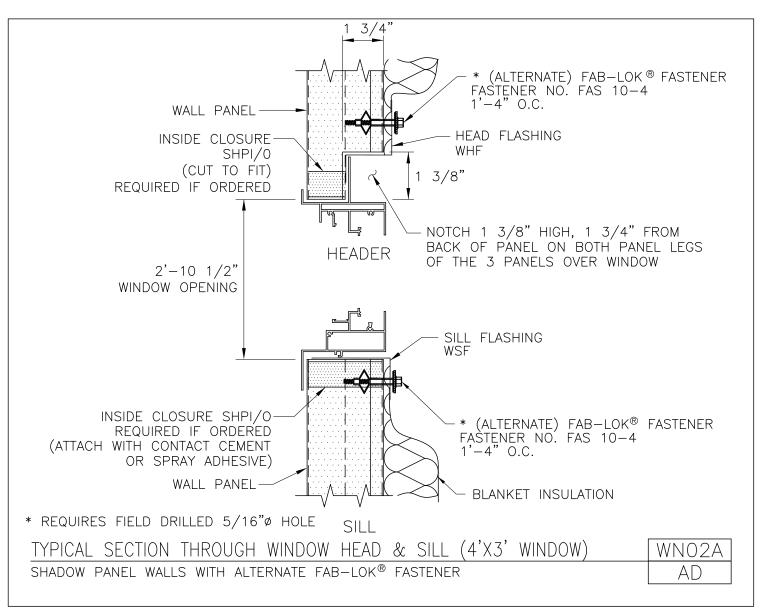
Typical Section Through Window Head & Sill Architectural III, Architectural "V" Rib and Long Span III Walls WN02/AA



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Typical Section Through Window Head & Sill (4' x 3' Window) Shadow Panel Walls with Alternate Fab-Lok® Fastener WN02A/AD

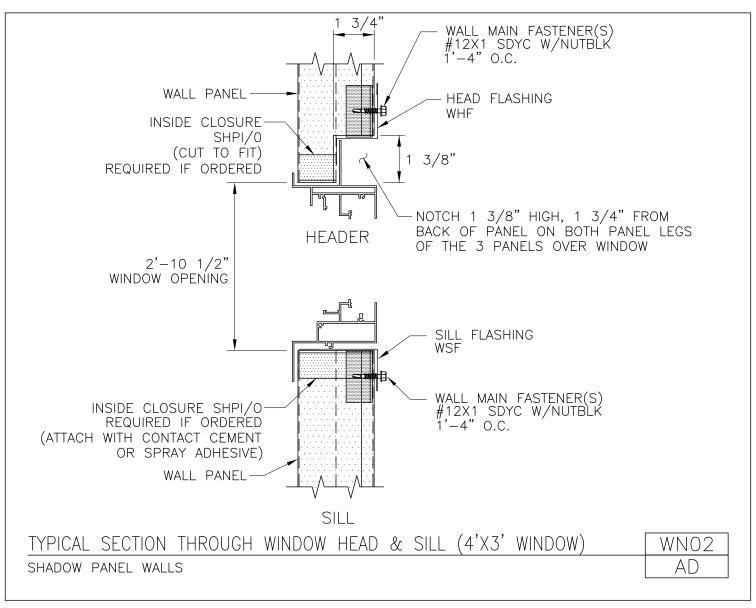


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Typical Section Through Window Head & Sill (4' x 3' Window) Shadow Panel Walls WN02/AD



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PRODUCT MANUAL



A NUCOR COMPANY

Window Installation Procedures Architectural III, Architectural "V" Rib and Long Span III Walls WN03/AA

Window Opening: 1. Sheet wall in normal manner. Cut window opening after wall panels are erected. 2. At desired window location, cut opening as shown below and on WN01. Window Installation: Slide the iamb extension into the correct grooves along the outside of the window iambs (HW-595 for Architectural III or Architectural "V" Rib and HW-597 for Long Span III), typical section through jambs. 2. Insert window into opening, bottom first, from inside of building. 3. Secure window in the opening with wall fasteners at 1'-0" on center along jambs as shown (typical section thru jambs). Secure window sill with wall fasteners at 1'-0" o.c. and window head with wall fasteners at 1'-0" o.c. as shown (typical section thru header and sill). At mulled jambs, stitch jamb extensions together as shown (typical section thru mullion). 4. Caulk window at header, sill, and jambs as required to weather proof. 5. Install snap-in jamb trim as shown after window installation is completed. Jamb trim at mulled windows must be installed before jamb extensions are fastened together. 6. If framing is required, install and secure window in wall as in steps 1 thru 5 above before installing framing. Support wall panels below window sill as required until framing installation is complete. Attach wall panels below window sill as shown in detail WN02/AA. General Notes: 1. Window is self framing when installed at panel location shown. Any other location will require field modifications as required with special flashing furnished by others. 2. Window frame is available in bronze only. Window panels are insulated glass. 4. Window sizes: WINDOW TABLE "H WIDTH | HEIGHT SIZE 3' X 3' 4' X 3' 33 1/2" 36" 45 1/2" 36" 4' X 4' 45 1/2" 48" 6' X 4' 69 1/2" 48' WINDOW WINDOW Mulled window flashing (MWF_) MULLED WINDOW FLASHING MULLED WINDOW FLASHING required only at mulled windows. SIZE 2 WINDOWS **3 WINDOWS** SIZE 2 WINDOWS **3 WINDOWS** 3' X 3' 4' X 3' 4' X 4' MWF1 MWF4 MWF2 MWF3 MWF3 MWF4 6' X 4 MWF4 6. Sub framing is not required with 3'-6" (elevation) girt, unless liner panels are required. WINDOW INSTALLATION PROCEDURES WN03 AA ARCHITECTURAL III, ARCHITECTURAL "V" RIB and LONG SPAN III WALLS

Download the DWG file by clicking here.



Installation Instructions, Window Without Steel Subframes Thermal-Break Window WN03A/AA

NOTE:

WINDOW WITHOUT A STEEL SUB FRAME SYSTEM HAVE JAMB FINS THAT ARE DESIGNED TO CORRESPOND WITH THE APPROPRIATE WALL PANEL.

- 1. SHEET WALL IN NORMAL MANNER.
- 2. MEASURE AND CUT WINDOW OPENINGS TO THE APPROPRIATE SIZE (SEE DETAIL WN12AA).
- 3. INSERT THE WINDOW UNIT INTO THE LOCATION AS CUT. IF THE OPENING IS SLIGHTLY LARGER THAN THE HEIGHT NEEDED, RAISE THE WINDOW WHEN FASTENING SO THE GAP IS LESSENED AT THE HEAD. THE BOTTOM SILL HAS A HINGED PLATE THAT IS RAISED DURING THE MOUNTING STAGE. THIS ALLOWS FOR THE WINDOW OPENING TO BE CUT TO THE SMALLEST TOLERANCE POSSIBLE. PULL THE PLATE BACK DOWN WHEN IN PLACE.
- 4. LEVEL THE WINDOW, USE THE PRE-DRILLED HOLE TO ATTACH THE WINDOW DIRECTLY TO THE WALL PANELS WITH #14 WALL STITCH FASTENERS.
- 5. FASTEN THE BACK SILL PLATE TO THE WALL PANELS FROM THE INTERIOR.
- 6. ONCE THE WINDOW IS SECURED, APPLY A CONTINUOUS BEAD OF CAULK THE ENTIRE LENGTH OF THE HEAD, THROUGH THE CORNERS TO FORM A WEATHERTIGHT SEAL.

INSTALLATION INSTRUCTIONS, WINDOW WITHOUT STEEL SUBFRAMESWN03ATHERMAL-BREAK WINDOWAA

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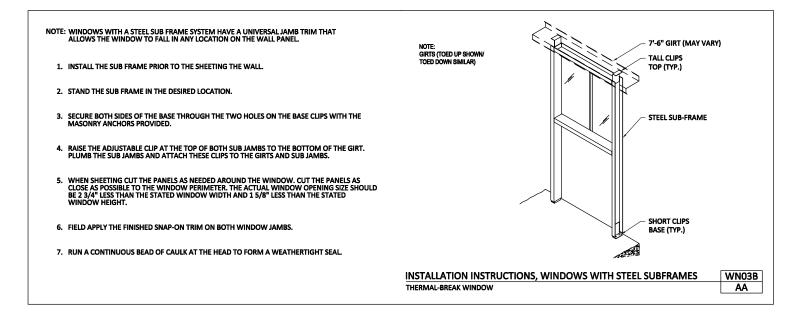
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Installation Instructions, Windows With Steel Subframes Thermal-Break Window WN03B/AA



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Window Installation Procedure (2' x 7' Window) Architectural III, Architectural "V" Rib and Long Span III Walls WN04/AB

WINDOW OPENING: 1. SHEET WALL IN NORMAL MANNER. CUT WINDOW OPENING AFTER WALL PANELS ARE ERECTED. 2. AT DESIRED WINDOW LOCATION, CUT OPENING AS SHOWN IN DETAILS WNO7/AB AND WN22/AB. NOTCH OR COPE BASE ANGLE AS SHOWN IN THE DETAILS INDICATED ABOVE.
 WINDOW INSTALLATION: 1. SLIDE THE JAMB EXTENSION INTO THE CORRECT GROOVES ALONG THE OUTSIDE OF THE WINDOW JAMBS (TYPICAL SECTION THRU JAMBS). 2. INSERT WINDOW INTO OPENING, BOTTOM FIRST, FROM INSIDE OF BUILDING. REST SILL ON FINISHED FLOOR FOR PROPER INSTALLATION AS SHOWN IN DETAIL WN22/AB. 3. SECURE WINDOW IN THE OPENING WITH WALL FASTENERS AT 1'-O" ON CENTER ALONG JAMBS AS SHOWN (TYPICAL SECTION THRU JAMBS). SECURE WINDOW HEAD WITH WALL FASTENERS AT 1'-O" O.C. AS SHOWN (TYPICAL SECTION THRU HEAD AND SILL). 4. CAULK WINDOW AT HEADER, SILL, JAMBS AND BASE ANGLE AS REQUIRED TO WEATHER PROOF. 5. INSTALL SNAP-IN JAMB TRIM AS SHOWN AFTER WINDOW INSTALLATION IS COMPLETED.
GENERAL NOTES: 1. WINDOW IS SELF FRAMING WHEN INSTALLED AT PANEL LOCATION SHOWN. ANY OTHER LOCATION WILL REQUIRE FIELD MODIFICATIONS AS REQUIRED WITH SPECIAL FLASHING FURNISHED BY OTHERS. 2. WINDOW FRAME AVAILABLE IN BRONZE ONLY. 3. WINDOW PANELS ARE INSULATED GLASS. 4. WINDOW SIZE: WINDOW TABLE "H" SIZE WIDTH HEIGHT 2' X 7' 21 1/2" 83 1/2" WINDOW TABLE "H" 2' X 7' 546mm 2121mm
SAFETY PRECAUTION: EACH WORKER SHOULD BE TRAINED TO USE THE SAFEST AND MOST PRODUCTIVE ERECTION TECHNIQUES. SAFETY PRECAUTION: PUT WORKER SAFETY FIRST.
WINDOW INSTALLATION PROCEDURE (2'X7' WINDOW)WNO4architectural III, architectural "v" rib and long span III wallsAB

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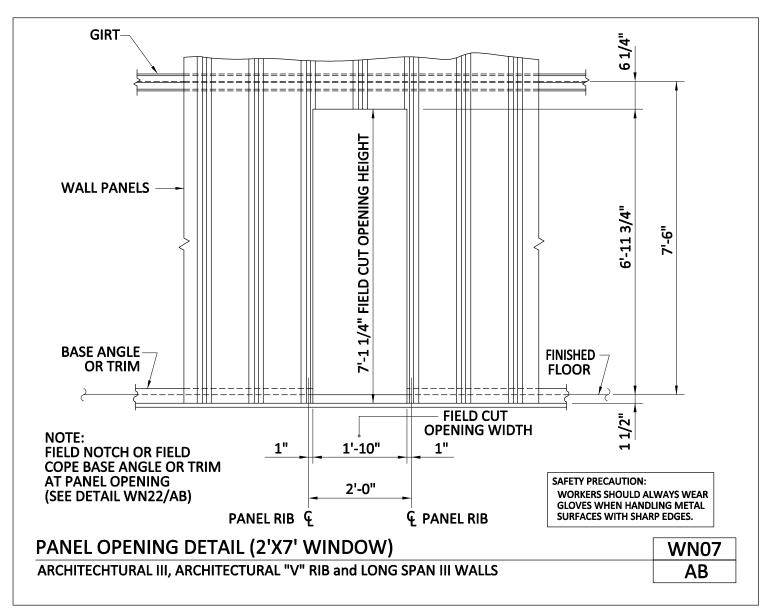
Window Installation Procedure (4' x 3' Window) Shadow Panel Walls WN04/AD

 WINDOW OPENING: 1. INSTALL WALL PANELS IN NORMAL MANNER UP TO DESIRED LOCATION OF WINDOW. AT WINDOAL OCATION, OMIT THREE PANELS AND CONTINUE PANEL INSTALLATION (DETAIL WN07/2. FIELD CUT PANELS FOR INSTALLATION ABOVE AND BELOW WINDOW (DETAIL WN09A 3. INSTALL PANELS BELOW WINDOW AND PANEL STIFFENERS (DETAIL WN10A/AD). AT WITH #12X1 SDYC FASTENERS AND NUT BLANKS AT GIRT OR STRUT LOCATIONS AND BA ATTACH PANELS BELOW WINDOW AS INDICATED AND NOTCH PANEL LEG TO RECEIVE SILL 4. INSTALL SILL FLASHING AND SECURE TO BOTTOM PANELS WITH #12X1 SDYC FASTENERS BLANKS AT 1'-4" ON CENTER (DETAILS WN11A/AD AND WN02AD). CAULK PANELS A LOCATION (DETAILS WN11A/AD AND WN33A/AD). 	AD). /AD). TACH STIFFENERS SE ANGLE. FLASHING. AND NUT	
 WINDOW INSTALLATION: 1. PRESS THE SNAP-IN JAMB TRIM INTO THE CORRECT GROOVES ALONG THE OUTSIDE OF THE WINDOW JAMBS (SEE TYPICAL SECTION THRU JAMBS, DETAIL WN01/AD). 2. INSTALL WINDOW IN OPENING AND REST WINDOW SILL ON SILL FLASHING FOR PROPER INSTALLATION. (DETAILS WN11B/AD AND WN02/AD). SECURE WINDOW IN OPENING WITH FASTENERS AT 1'-O" ON CENTER ALONG JAMBS (DETAIL WN01/AD). 3. NOTCH OUT BACK OF UPPER PANELS 1 3/8" HIGH, 1 3/4" FROM BACK OF PANEL ON BOTH PANEL LEGS OF THE 3 PANELS OVER WINDOW TO RECEIVE WINDOW HEAD FLASHING (SEE DETAIL WN02/AD). 4. NOTCH PANEL LEG TO RECEIVE HEAD FLASHING AND CAULK (DETAILS WN11B/AD AND WN33A/AD). 5. INSTALL PANELS ABOVE WINDOW AND ATTACH TO HEAD FLASHING, ALSO ADJACENT PANELS AND PANEL STIFFENERS (DETAILS WN16/AD AND WN02/AD). 6. CAULK WINDOW AT HEADER, SILL, AND JAMBS AS REQUIRED TO WEATHER PROOF. 		
GENERAL NOTES: 1. WINDOW IS SELF FRAMING WHEN INSTALLED AT PANEL LOCATION SHOWN. ANY OTHER LO REQUIRE FIELD MODIFICATIONS AS REQUIRED WITH SPECIAL FLASHING FURNISHED BY OTH 2. WINDOW FRAME AVAILABLE IN BRONZE/WHITE. 3. WINDOW PANELS ARE INSULATED GLASS. 4. WINDOW SIZES:		
WINDOWTABLE "H"SIZEWIDTHHEIGHT4' X 3'43.25"33.813"OPENING SIZE48"34.5"		
SAFETY PRECAUTION: EACH WORKER SHOULD BE TRAINED TO USE THE SAFEST AND MOST PRODUCTIVE ERECTION TECHNIQUES.SAFETY PRECAUTION: PUT WORKER SAFETY FIRST.		
WINDOW INSTALLATION PROCEDURE (4'X3' WINDOW) shadow panel walls	WN04 AD	

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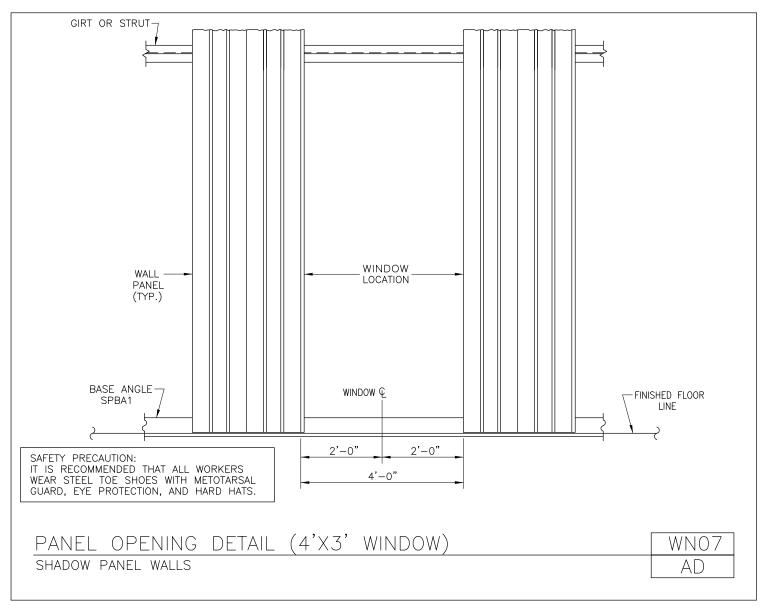
Panel Opening Detail (2' x 7' Window) Architectural III, Architectural "V" Rib and Long Span III Walls WN07/AB



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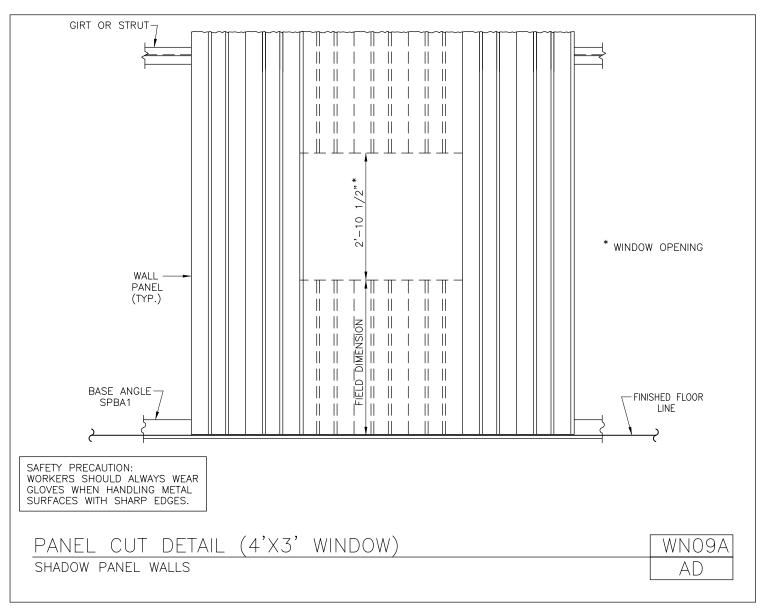
Panel Opening Detail (4' x 3' Window) Shadow Panel Walls WN07/AD



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Panel Cut Detail (4' x 3' Window) Shadow Panel Walls WN09A/AD

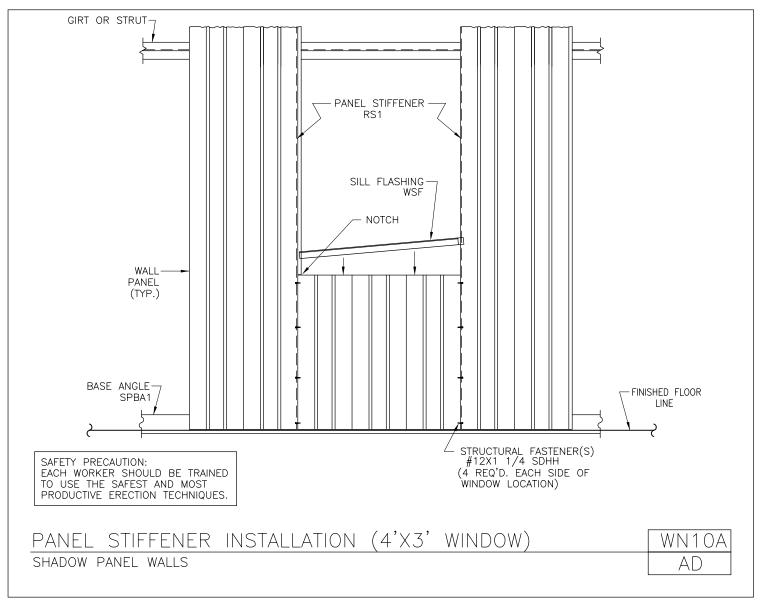


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Panel Stiffener Installation (4' x 3' Window) Shadow Panel Walls WN10A/AD

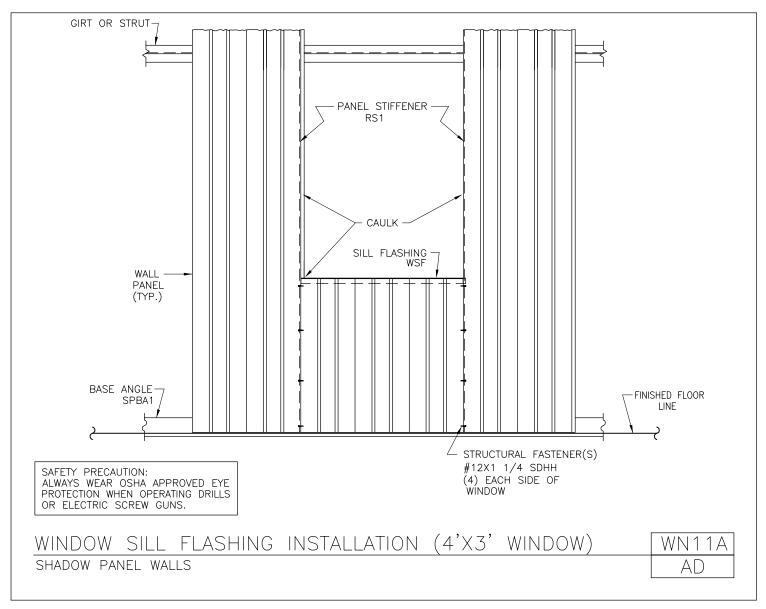


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Window Sill Flashing Installation (4' x 3' Window) Shadow Panel Walls WN11A/AD

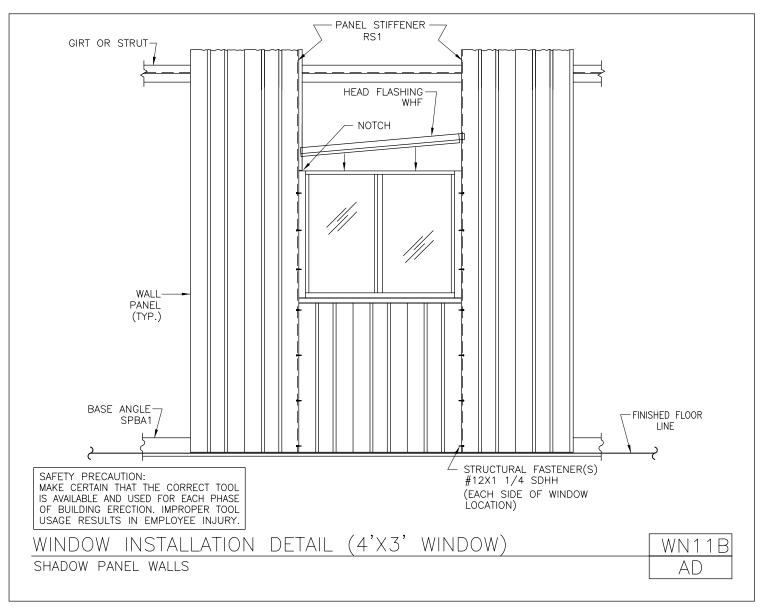


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Window Installation Detail (4' x 3' Window) Shadow Panel Walls WN11B/AD

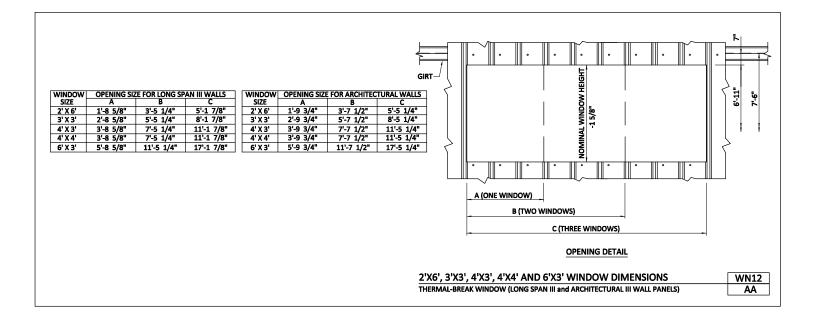








2' x 6', 3' x 3', 4' x 3', 4' x 4' and 6' x 3' Window Dimensions Thermal-Break Window (Long Span III and Architectural III Wall Panels) WN12/AA



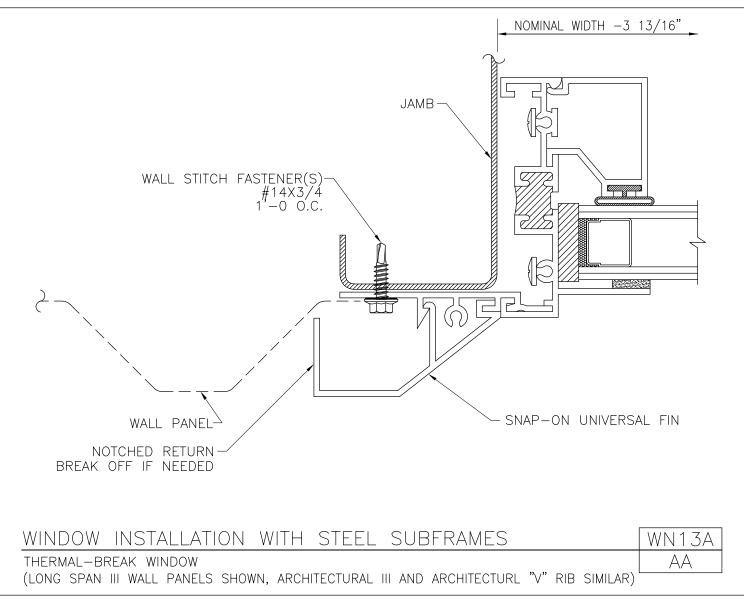
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Window Installation with Steel Subframes

Thermal Break Window (Long Span III Panels Shown, Architectural III and Architectural "V" Rib Similar) WN13A/AA

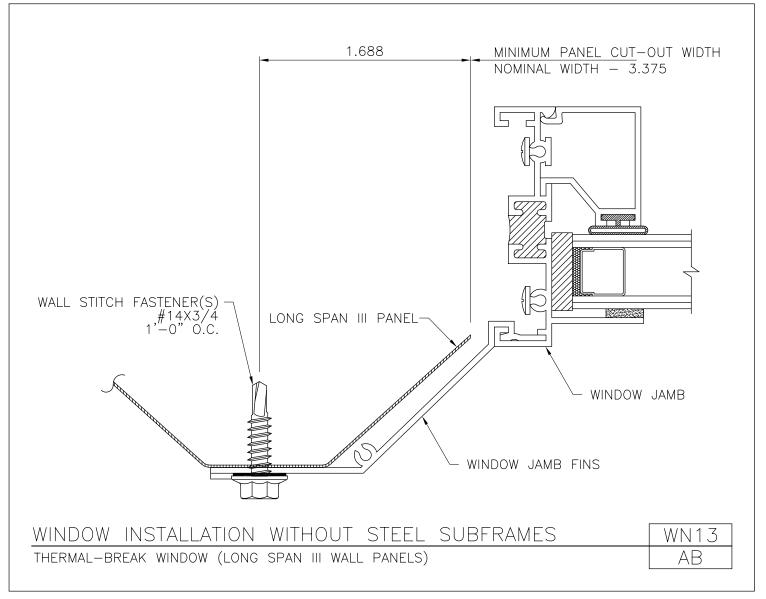


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Window Installation Without Steel Subframes Thermal-Break Window (Long Span III Wall Panels) WN13/AB

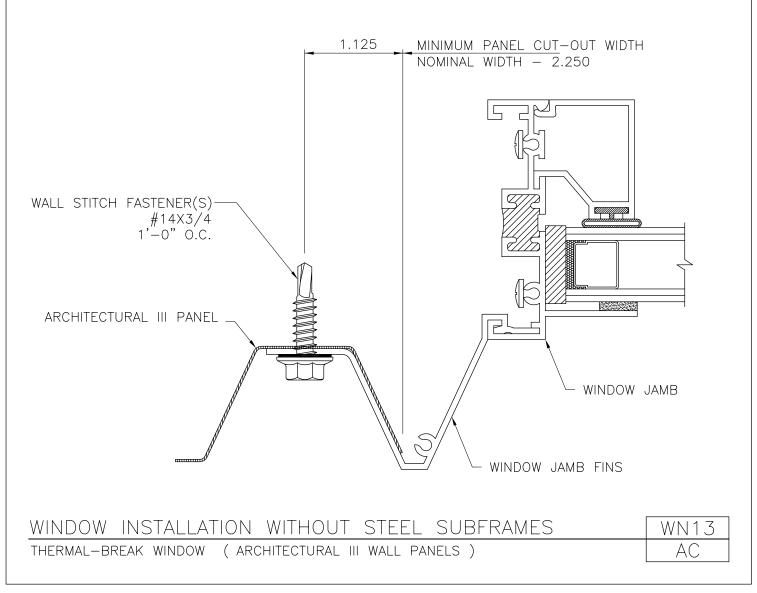


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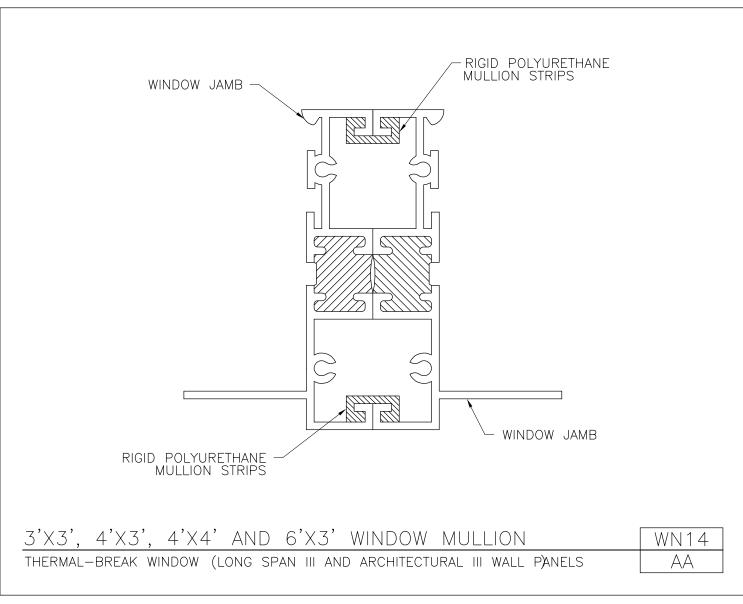
Window Installation Without Steel Subframes Thermal-Break Window (Architectural III Wall Panels) WN13/AC



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3' x 3', 4' x 3', 4' x 4', and 6' x 3' Window Mullion Thermal-Break Window (Long Span III and Architectural III Wall Panels) WN14/AA

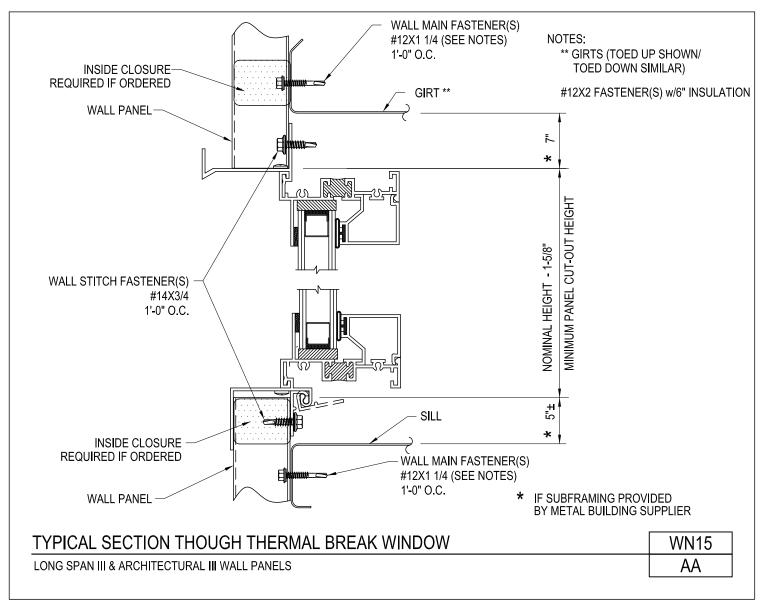


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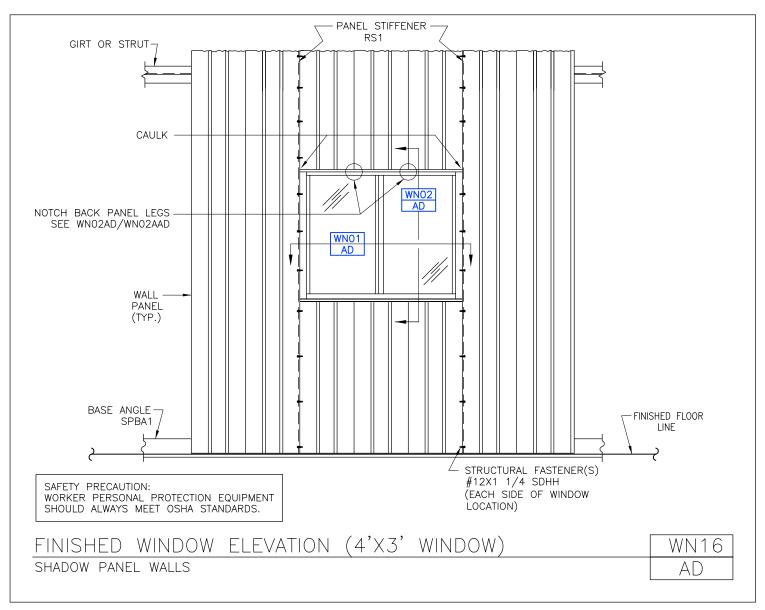
Typical Section Through Thermal Break Window Long Span III & Architectural III Wall Panels WN15/AA



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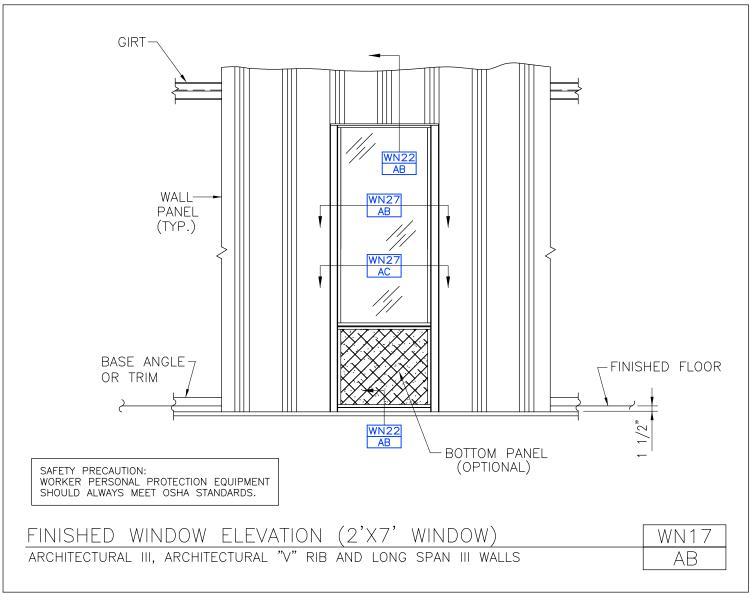
Finished Window Elevation (4' x 3' Window) Shadow Panel Walls WN16/AD







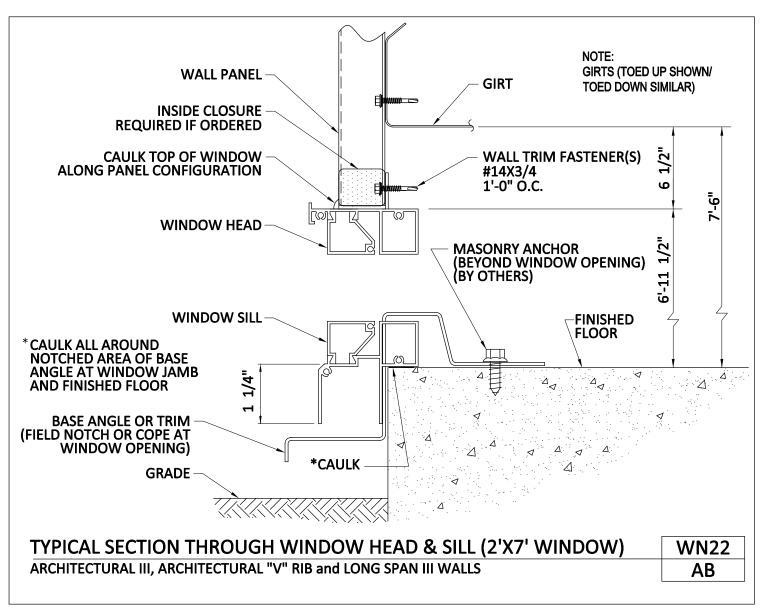
Finished Window Elevation (2' x 7' Window) Architectural III, Architectural "V" Rib and Long Span III Walls WN17/AB



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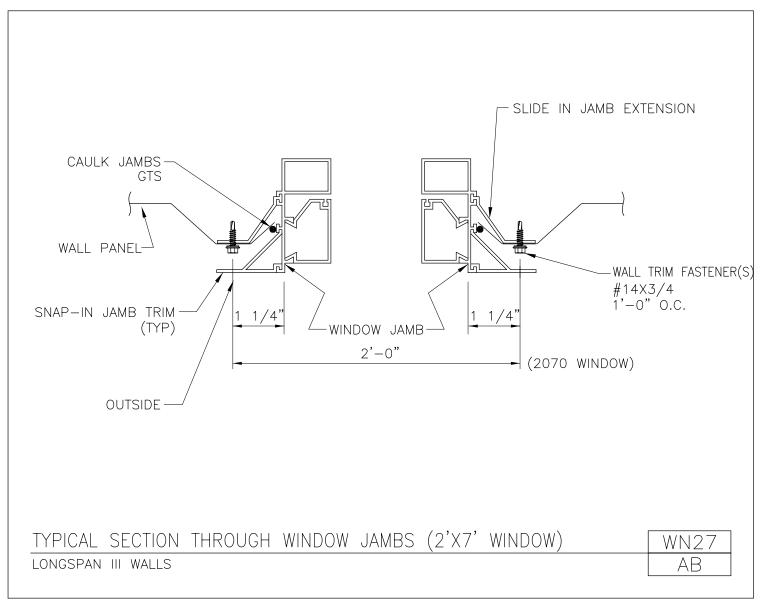
Typical Section Through Window Head & Sill (2' x 7' Window) Architectural III, Architectural "V" Rib and Long Span III Walls WN22/AB



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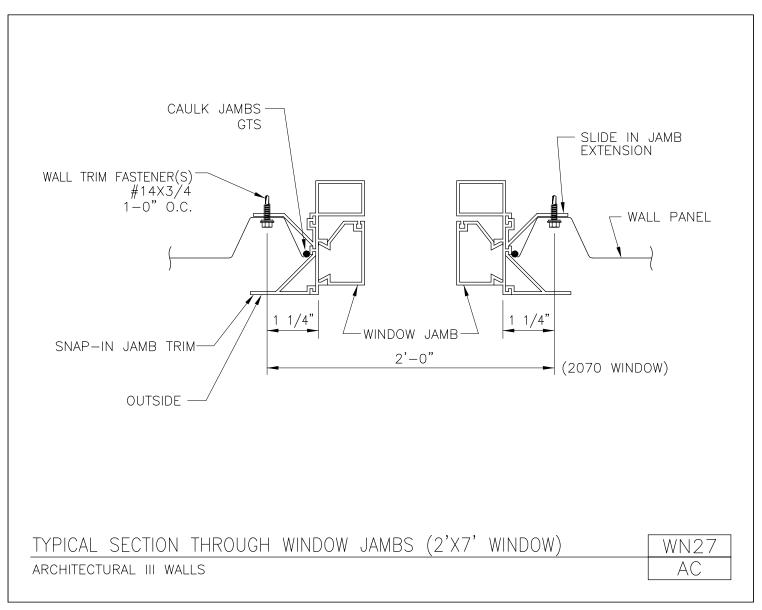
Typical Section Through Window Jambs (2' x 7' Window) Long Span III Walls WN27/AB



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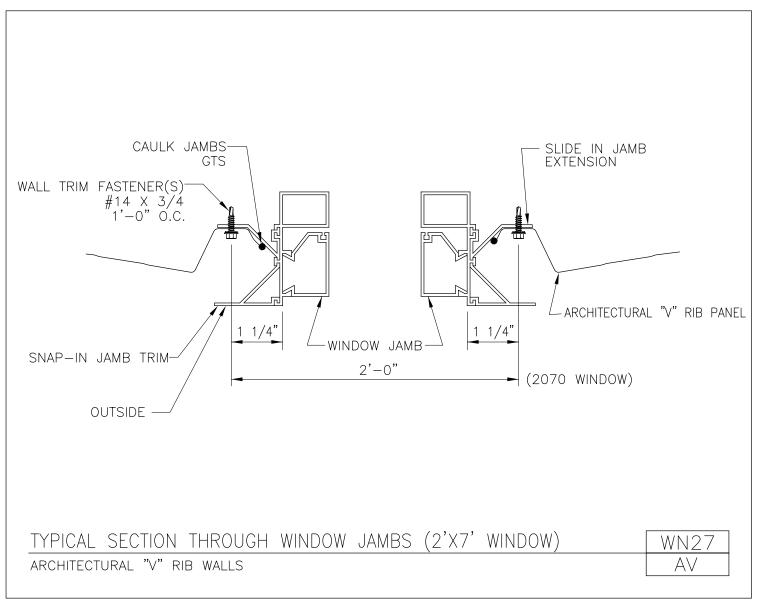
Typical Section Through Window Jambs (2' x 7' Window) Architectural III Walls WN27/AC



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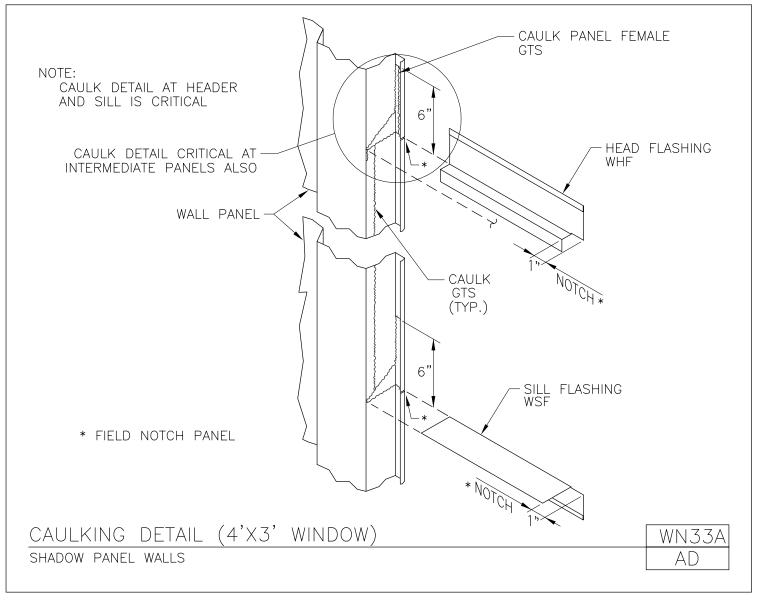
Typical Section Through Window Jambs (2' x 7' Window) Architectural "V" Rib Walls WN27/AV



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Caulking Detail (4' x 3' Window) Shadow Panel Walls WN33A/AD



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