



### Architectural Windows

### 2250i/3250i/4250i-XLT INvent™ Series

Elevations Viewed From The Exterior

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#### AAMA Test Configurations (shown)

##### Architectural AW Class

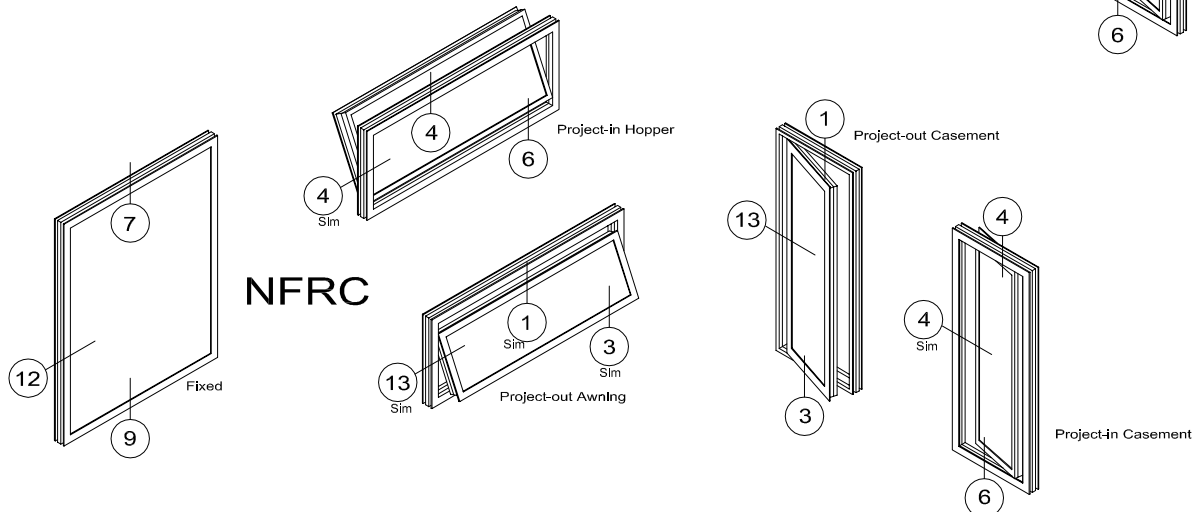
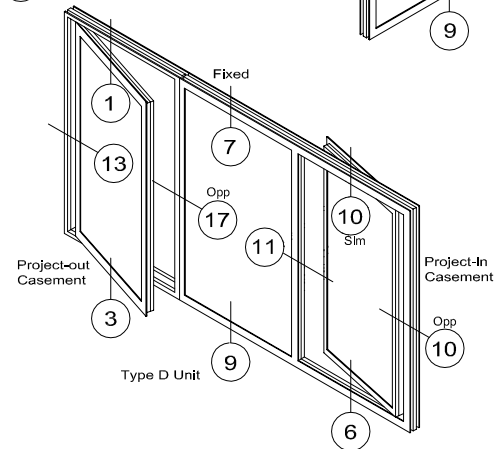
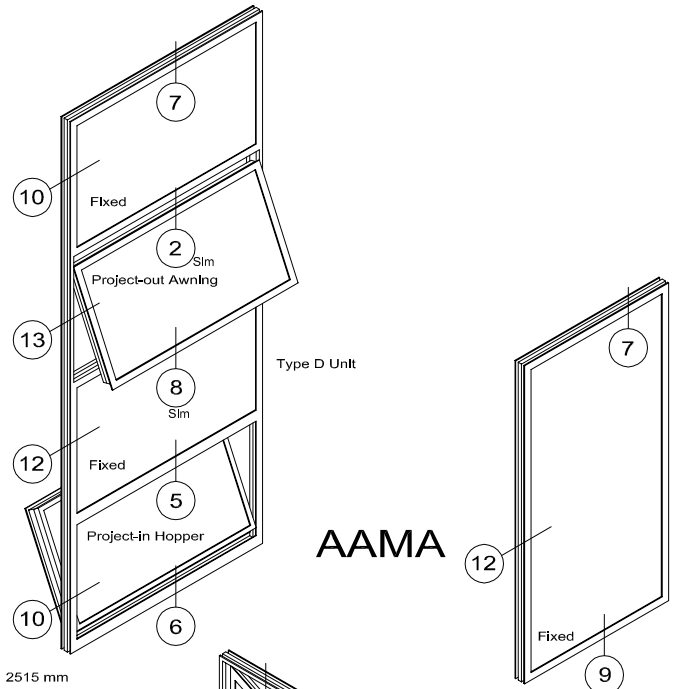
For air, water, cycling and structural

Fixed Frame Size	60" x 99"	Fixed	1524 mm x 2515 mm
Projected Frame Size	60" x 144"	Type D	1524 mm x 3658 mm
Casement Frame Size	108" x 60"	Type D	2743 mm x 1524 mm
Gateway Sizes	60" x 36"	Projected	1524 mm x 914 mm
	36" x 60"	Casement	914 mm x 1524 mm

#### NFRC 100 Thermal Test Configurations (shown)

For U-Factor, SHGC and CR

Fixed Frame Size	47" x 59"	1200 mm x 1500 mm
Projected Frame Size	59" x 24"	1500 mm x 600 mm
Casement Frame Size	24" x 59"	600 mm x 1500 mm



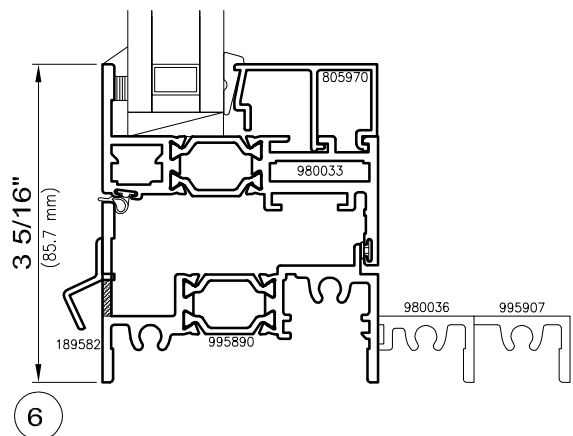
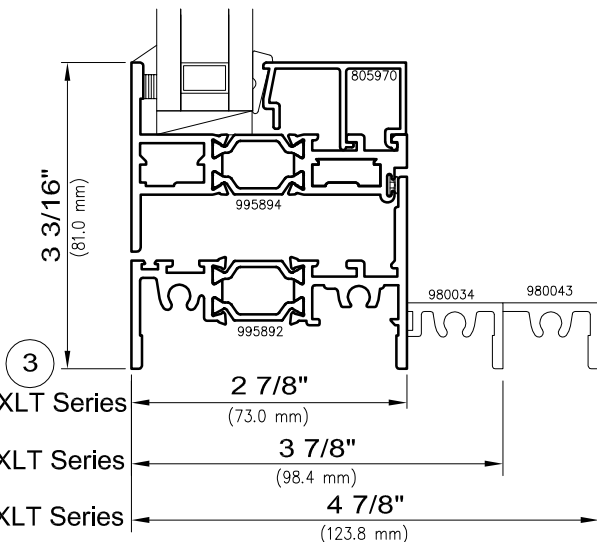
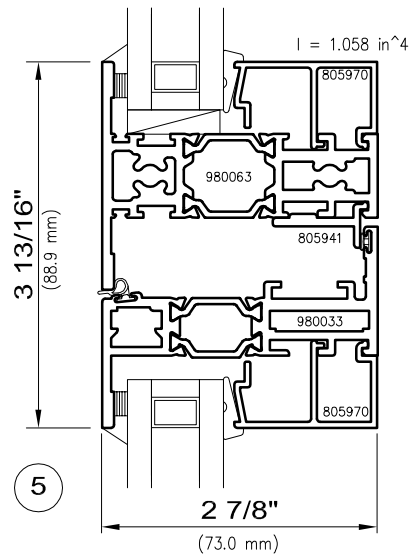
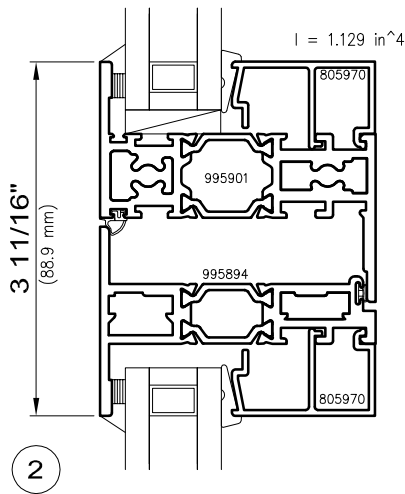
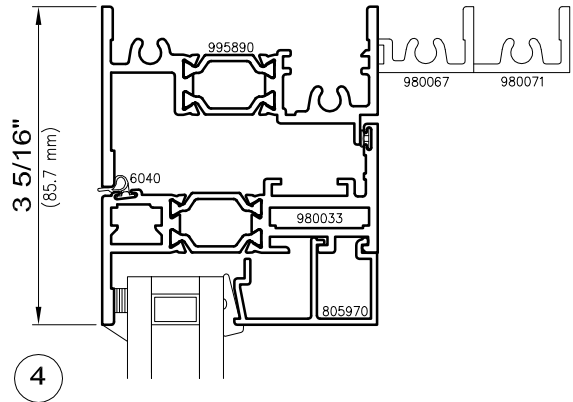
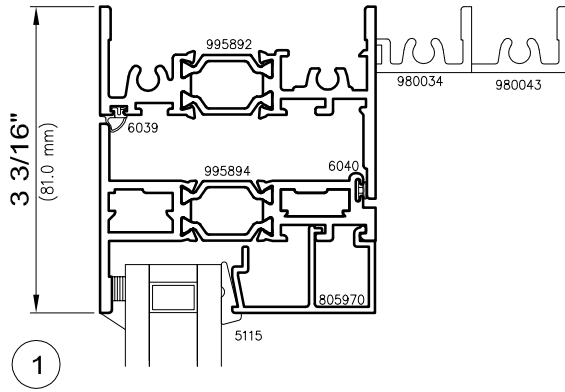
# 2250i/3250i/4250i-XLT INvent

Contact A Wausau Representative For Other Possible Configurations



Architectural Windows

2250i/3250i/4250i-XLT INvent™ Series





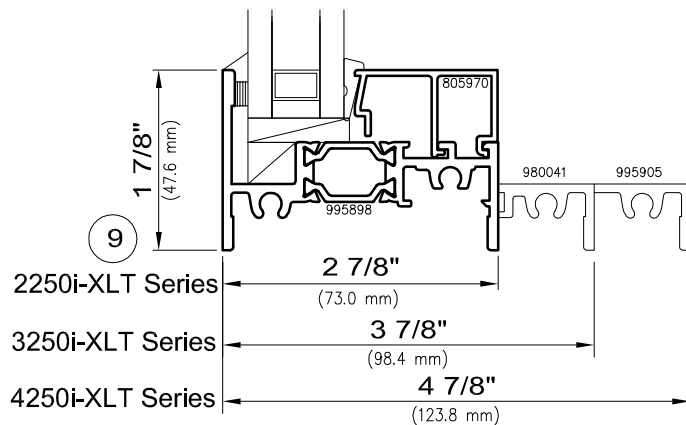
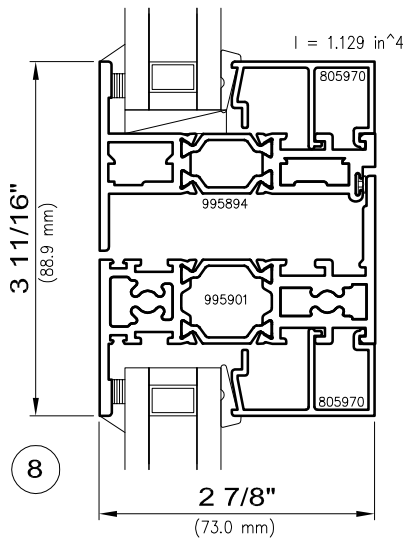
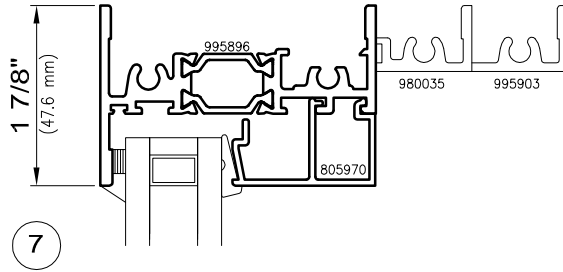
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WINDOW AND WALL  
SYSTEMS

Projected and Fixed Details

Architectural Windows

2250i/3250i/4250i-XLT INvent™ Series





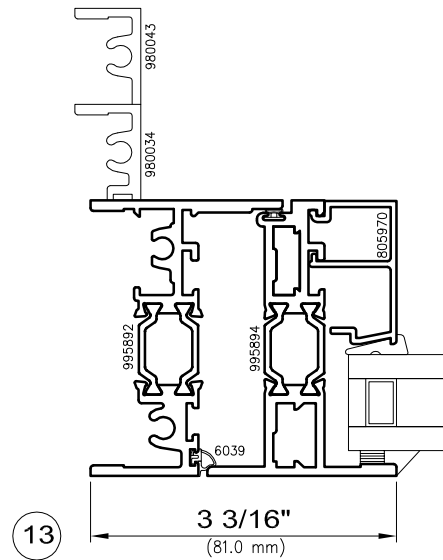
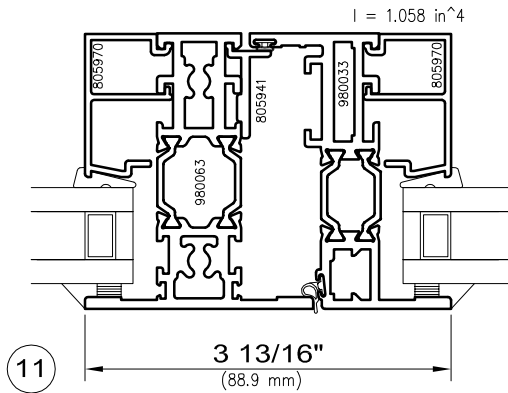
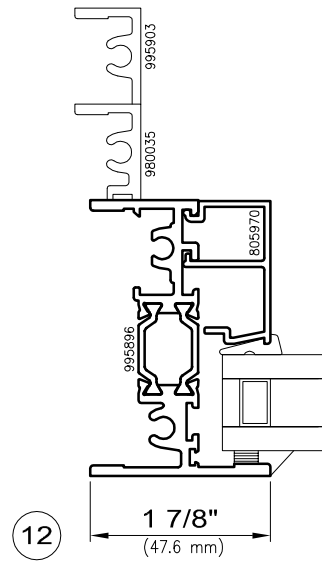
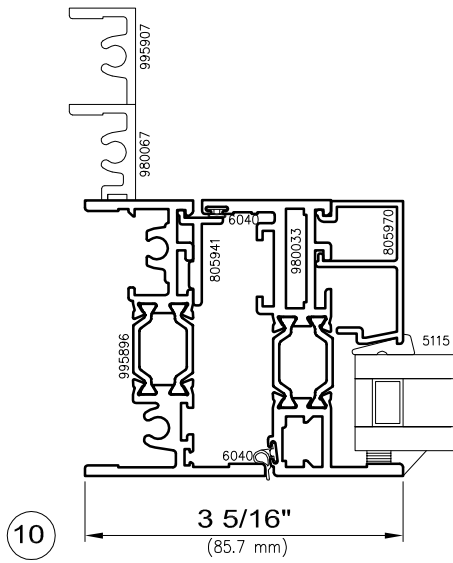
**WAUSAU**

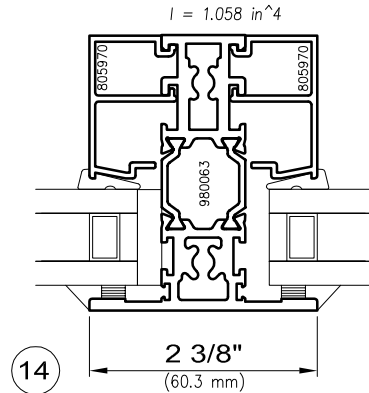
WINDOW AND WALL  
SYSTEMS

Projected and Fixed Details

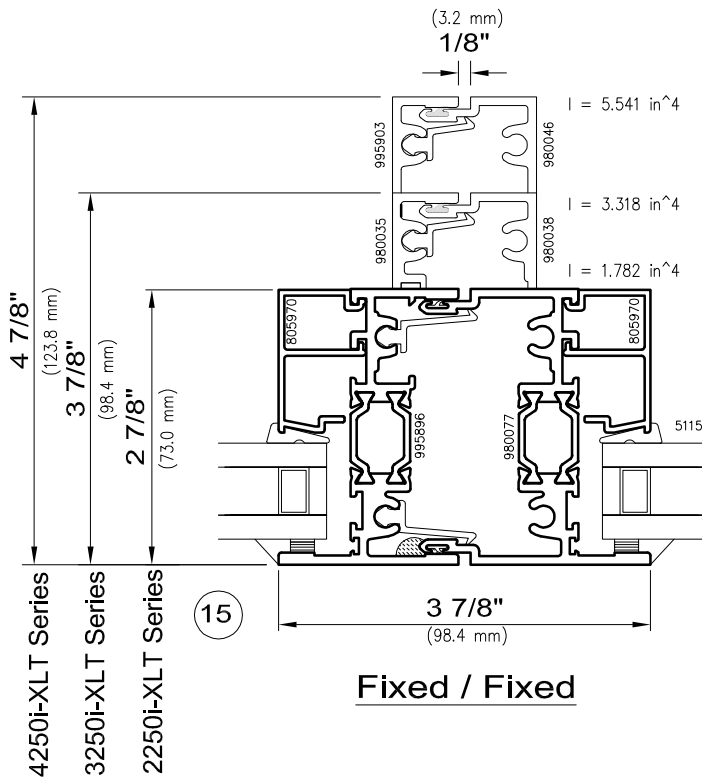
Architectural Windows

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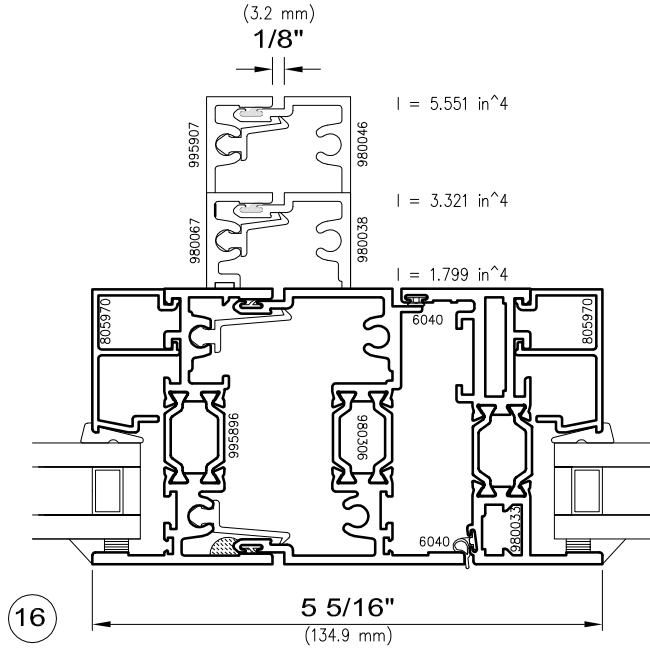


**Fixed / Fixed Post**

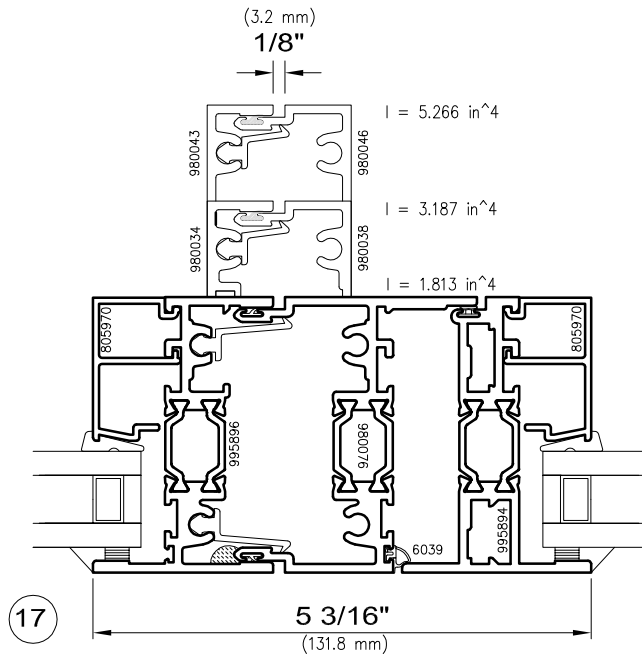


**Fixed / Fixed**

I-values indicated are for frame members only.  
Thermal barrier shear reductions of 10% are included.

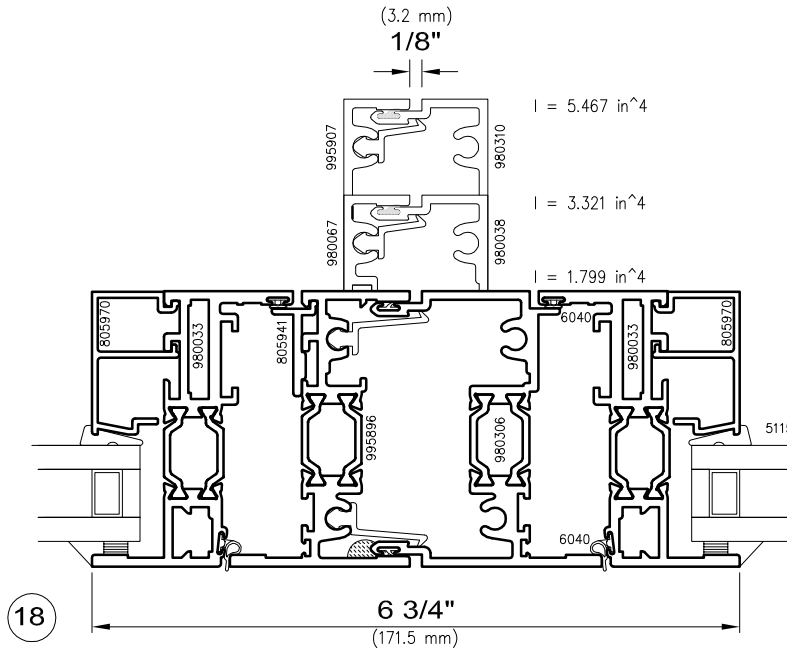


**Fixed / Project-In**

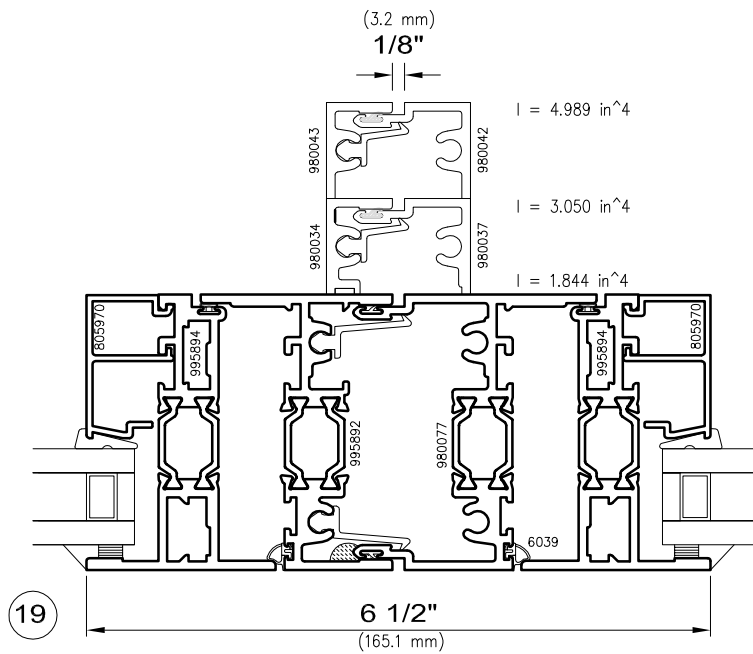


**Fixed / Project-Out**

I-values indicated are for frame members only.  
Thermal barrier shear reductions of 10% are included.



Project-In Vent / Project-In Vent



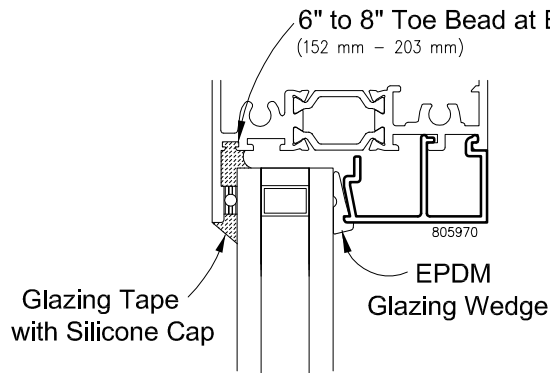
Project-Out Vent / Project-Out Vent

I-values indicated are for frame members only.  
Thermal barrier shear reductions of 10% are included.

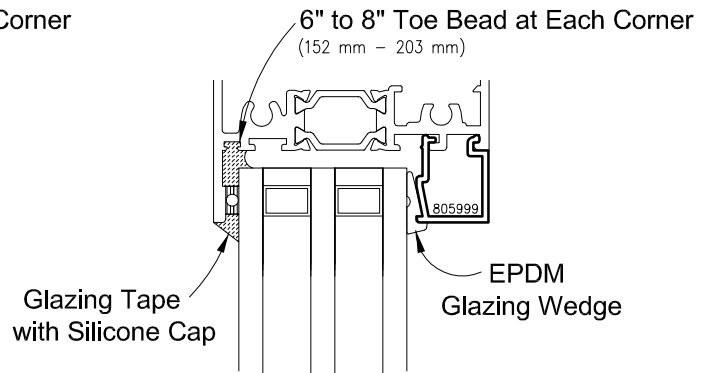


Architectural Windows

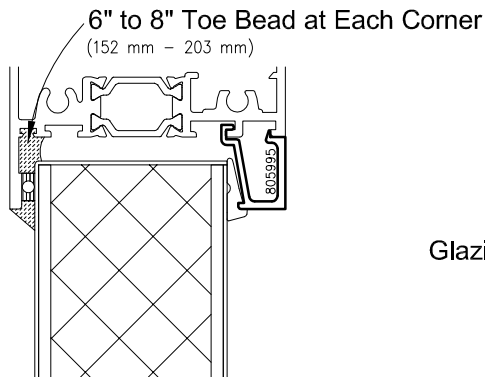
2250i/3250i/4250i-XLT INvent™ Series



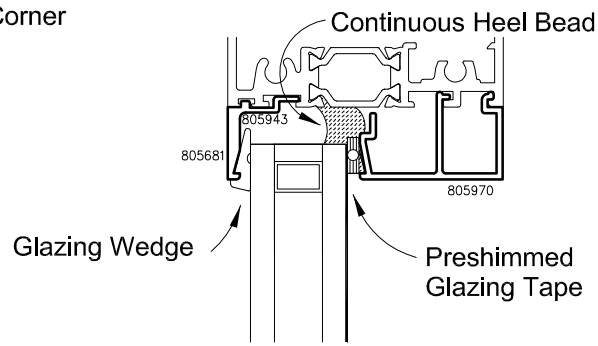
1" Insulating Glass  
Inside Glazed



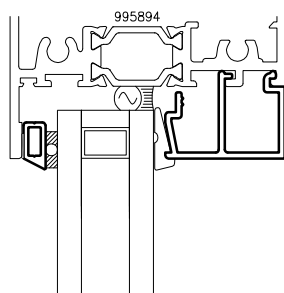
1 3/4" Triple Insulating Glass  
Inside Glazed



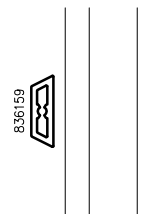
2" Panel  
Inside Glazed



1" Spandrel  
Outside/Inside Glazed

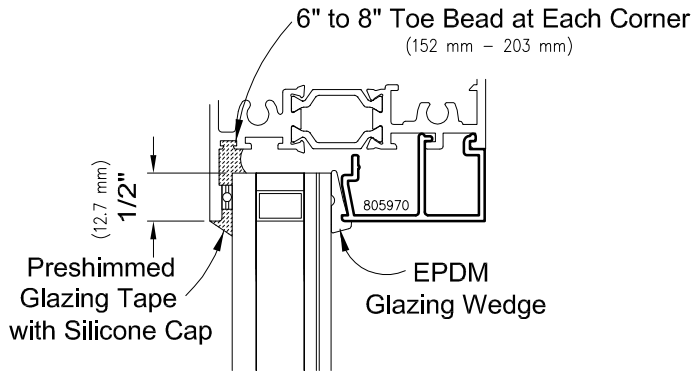


Glazed-In Muntin Grids  
Outside Glazed

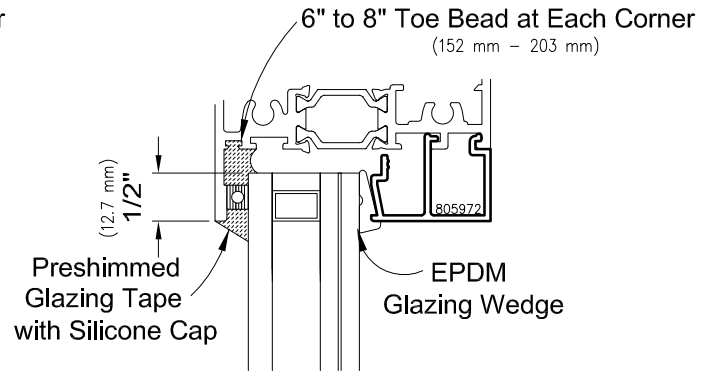


Glazed-In Muntin Grids  
1" Insulating Glass





1 1/16" (nom.) Insulating Laminated Glass  
Inside Glazed

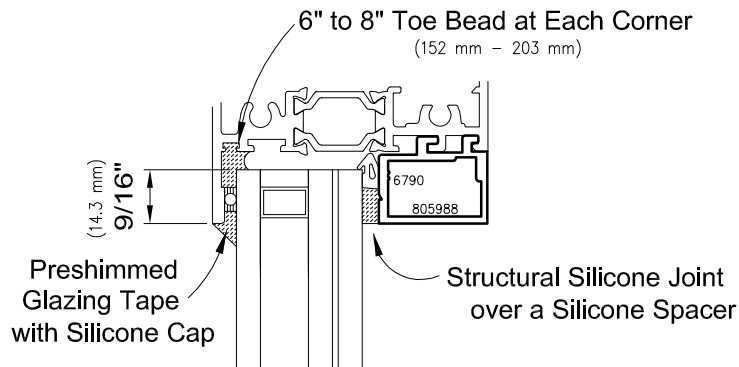


1 3/16" (nom.) Insulating Laminated Glass  
Inside Glazed

**-BHM Blast Hazard Mitigation**

Peak Pressure and Impulse up to 10 psi - 89 psi-msec

Contact Wausau for blast glazing details applicable to the specific requirements of your project



1 5/16" (nom.) Insulating Laminated Glass  
Inside Glazed



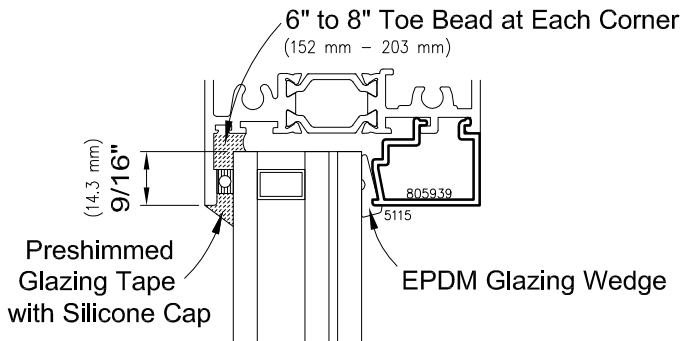
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WINDOW AND WALL  
SYSTEMS

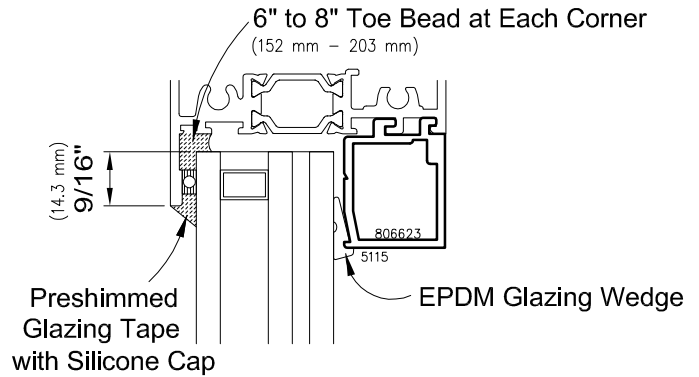
-HP Hurricane Glazing Options

Architectural Windows

2250i/3250i/4250i-XLT INvent™ Series



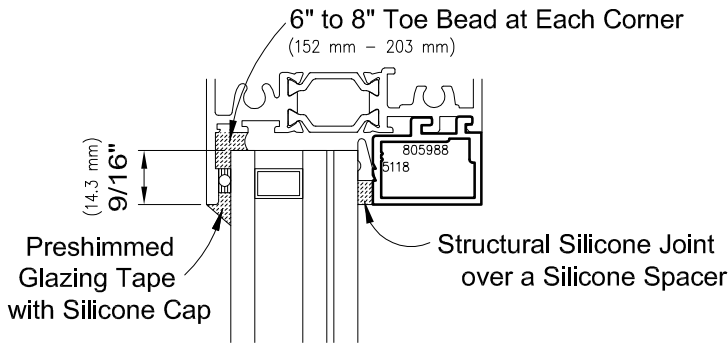
1 5/16" (nom.) Insulating Laminated Glass  
 Inside Glazed  
 Between-Glass Blinds Also Available  
 D Missile - SentryGlas® Interlayer



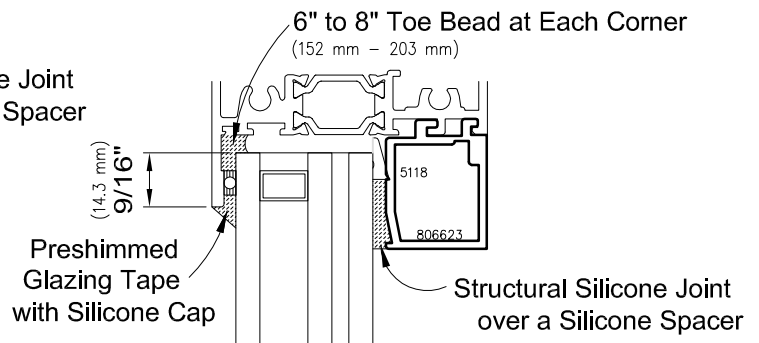
1 7/16" (nom.) Insulating Laminated Glass  
 Inside Glazed  
 Between-Glass Blinds Also Available  
 E Missile - SentryGlas® Interlayer

-HP Hurricane Impact Resistant

Contact Wausau for hurricane glazing details applicable to the specific requirements of your project



1 5/16" (nom.) Insulating Laminated Glass  
 Inside Glazed  
 Between-Glass Blinds Also Available  
 D Missile - Vanceva Storm® Interlayer



1 7/16" (nom.) Insulating Laminated Glass  
 Inside Glazed  
 Between-Glass Blinds Also Available  
 E Missile - Vanceva Storm® Interlayer



Miami-Dade County  
 Product Control Approved  
 Wausau, Wisconsin

Casement Window, Large (D and E) Missile, Notice of Acceptance (NOA) #13-0917.04 Miami-Dade County, Florida, 03Apr19  
 Casement Window, Large (D and E) Missile, Notice of Acceptance (NOA) #13-0917.05 Miami-Dade County, Florida, 03Apr19  
 Fixed Window, Large (D and E) Missile, Notice of Acceptance (NOA) #13-0917.06 Miami-Dade County, Florida, 03Apr19  
 Awning Window, Large (D and E) Missile, Notice of Acceptance (NOA) #13-0917.07 Miami-Dade County, Florida, 03Apr19  
 Projected Window, Large (D and E) Missile, Notice of Acceptance (NOA) #13-0917.08 Miami-Dade County, Florida, 03Apr19



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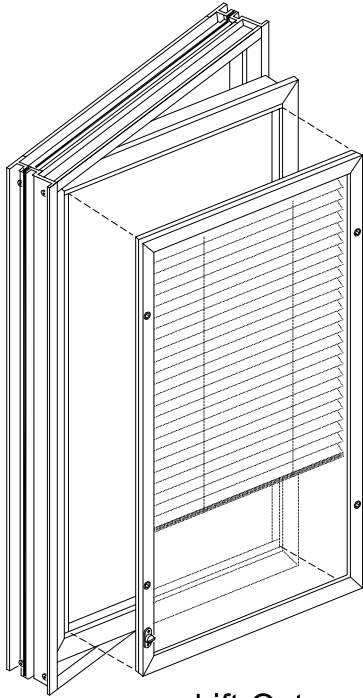
WINDOW AND WALL  
SYSTEMS

Blind Options

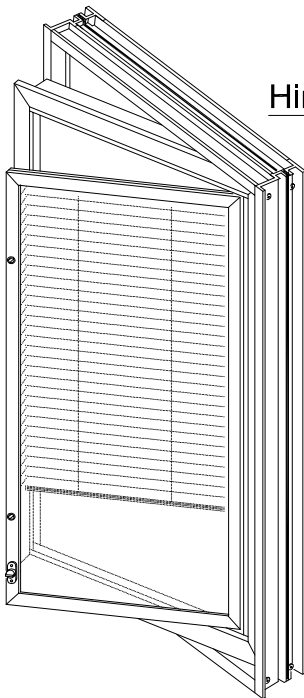
**Architectural Windows**

2250i/3250i/4250i-XLT INvent™ Series

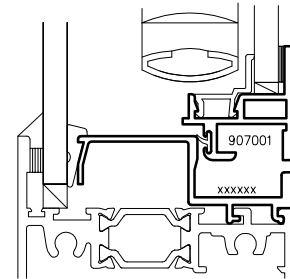
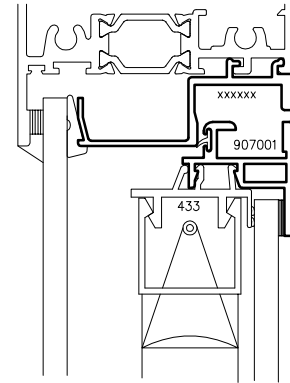
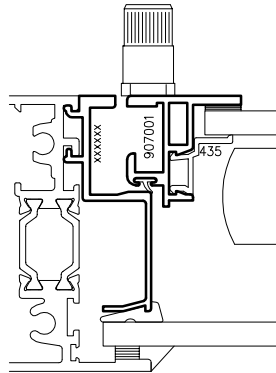
Elevations Shown As Viewed From The Interior



Lift-Out



Hinged



1" Blind/Dual Glazed



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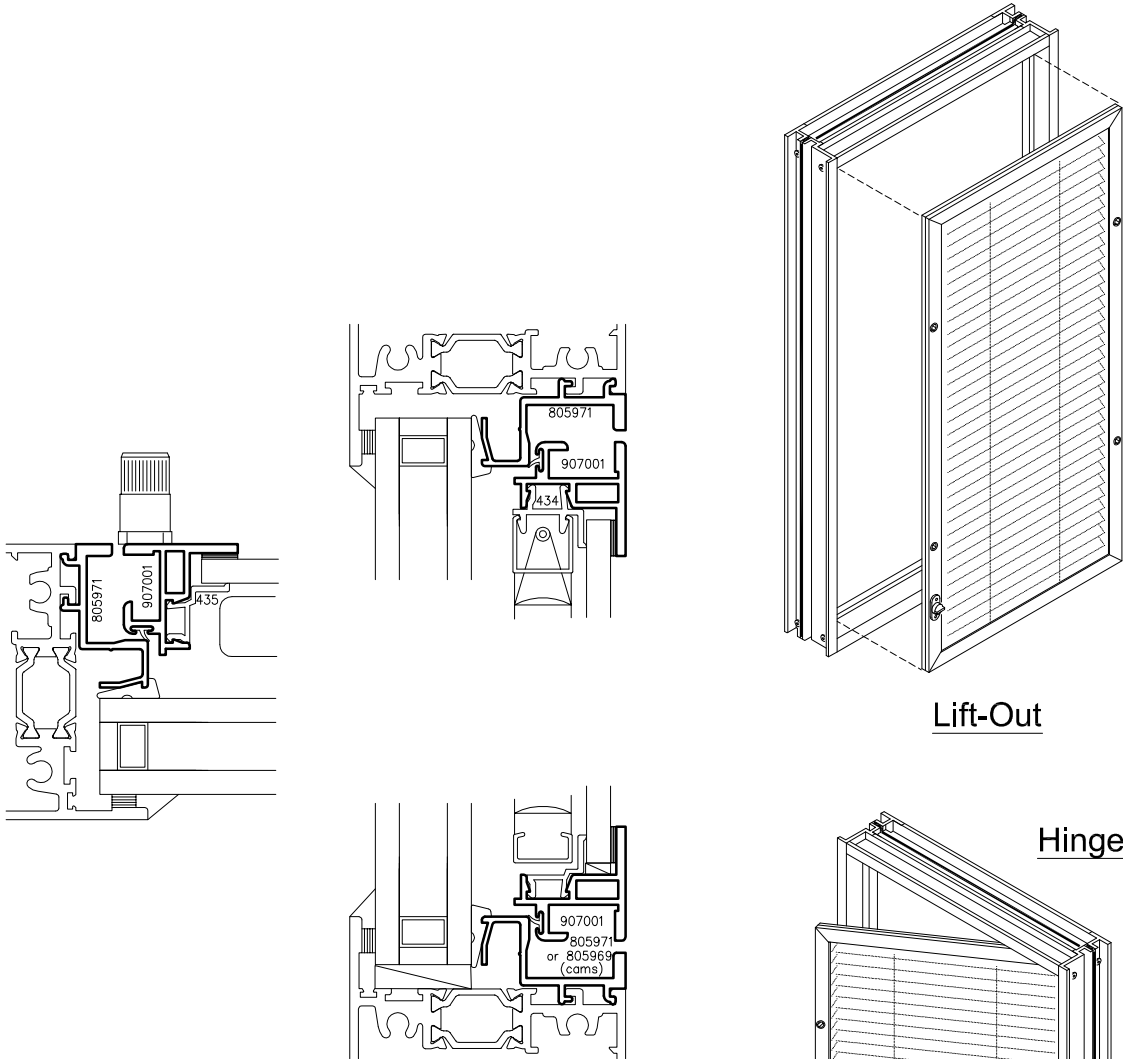
WINDOW AND WALL  
SYSTEMS

Blind Options

Architectural Windows

2250i/3250i/4250i-XLT INvent™ Series

Elevations Shown As Viewed From The Interior



5/8" Blind/Triple Glazed

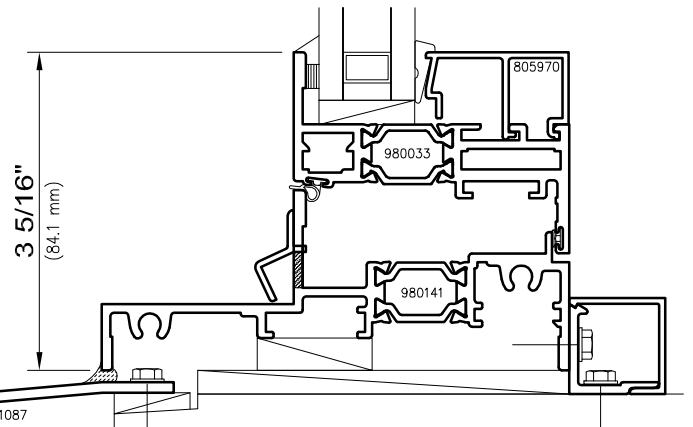
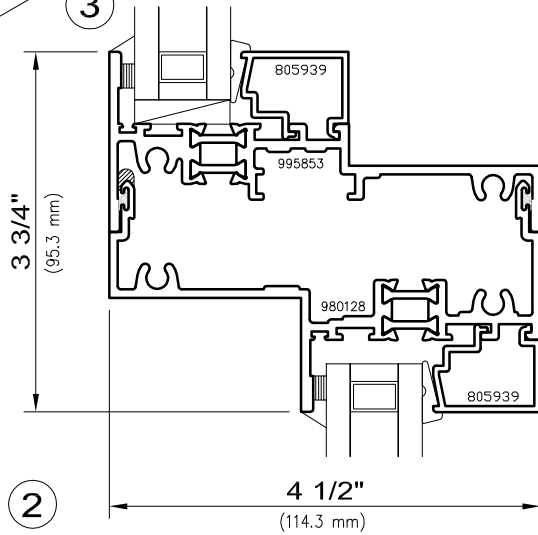
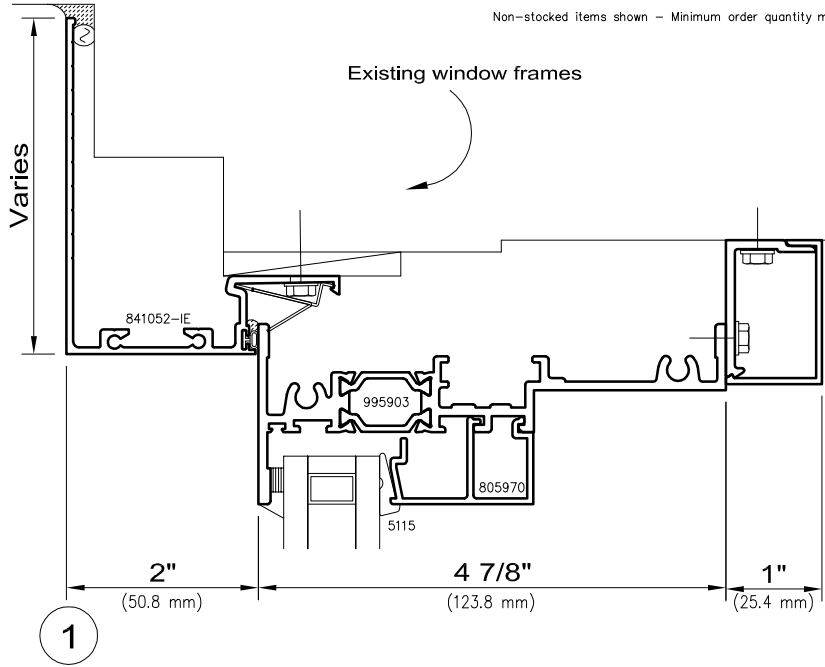
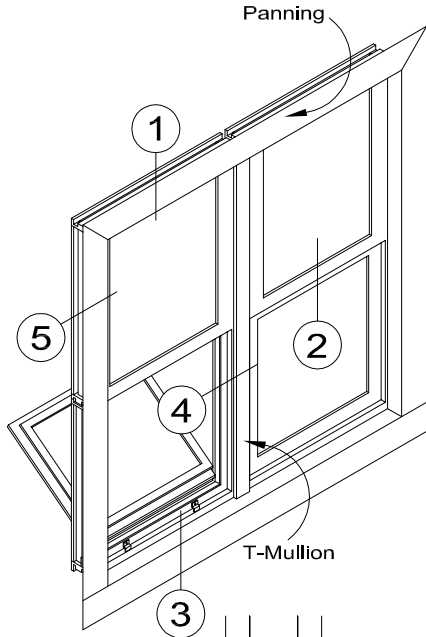


Architectural Windows

2250i/3250i/4250i-XLT INvent™ Series

Non-stocked items shown – Minimum order quantity may apply

Panning and mullions are available in various depths, with optional historic ogee or reverse cove profiles. Refer to "Accessories" for more information.



4250i-XLT INvent simulated double hung windows in multiple bays must be used in conjunction with T-mullions or H-mullions. Side stacking jambs not available.



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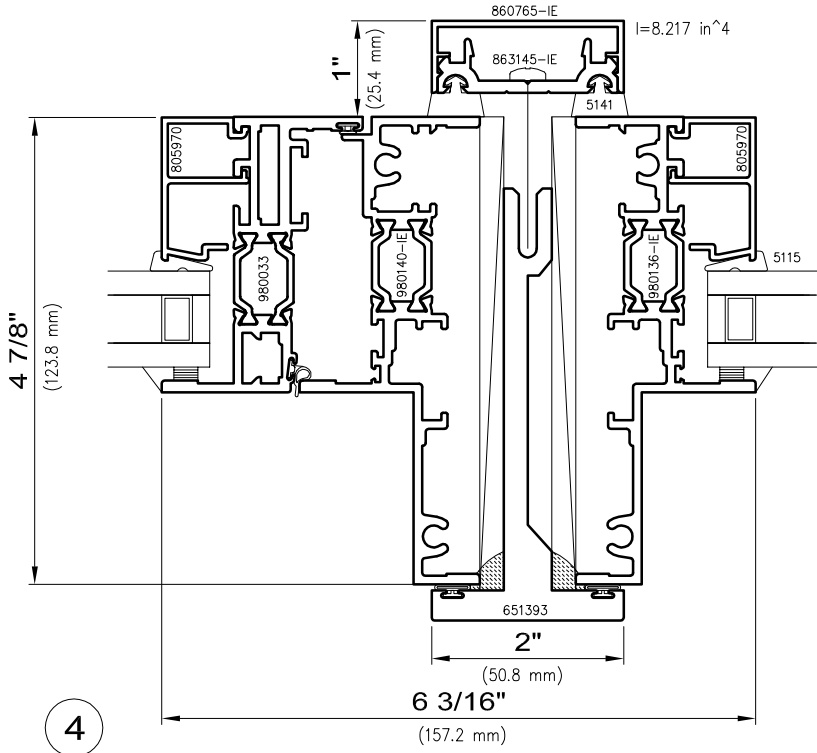
WINDOW AND WALL  
SYSTEMS

Simulated Double Hung  
Panning and T-Mullions

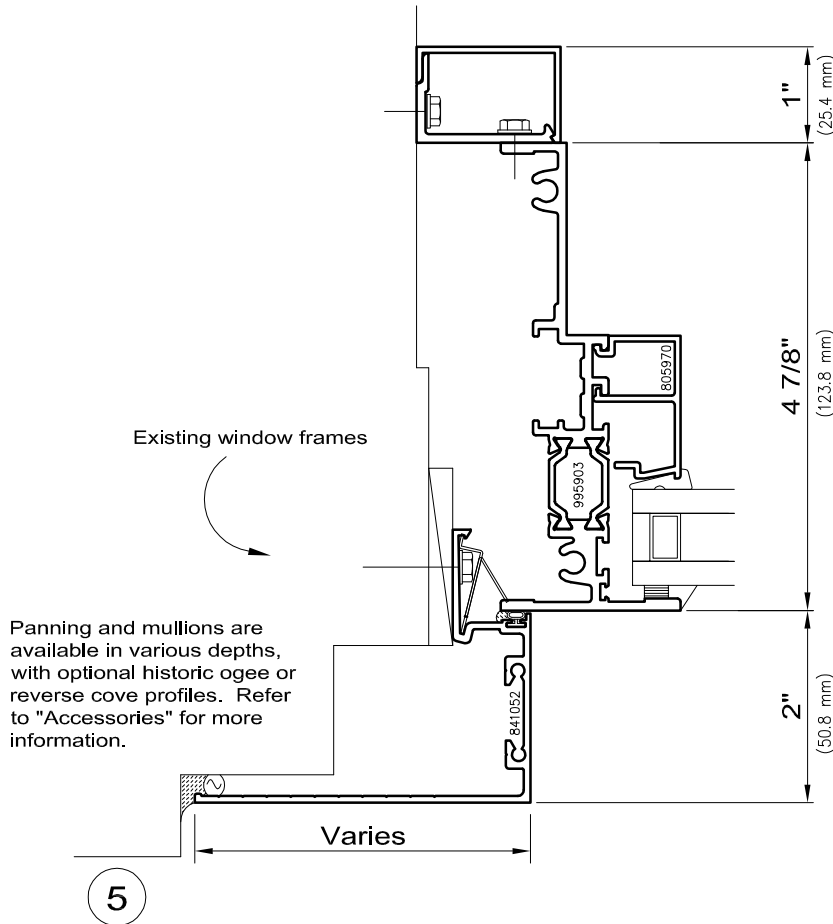
Architectural Windows

2250i/3250i/4250i-XLT INvent™ Series

Non-stocked items shown - Minimum order quantity may apply



4250i-XLT INvent simulated double hung windows in multiple bays must be used in conjunction with T-mullions or H-mullions. Side stacking jambs not available.





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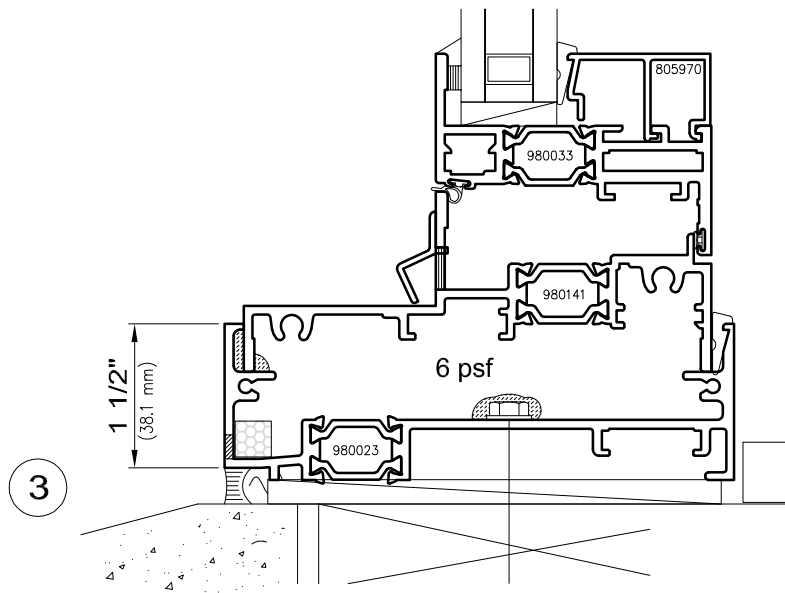
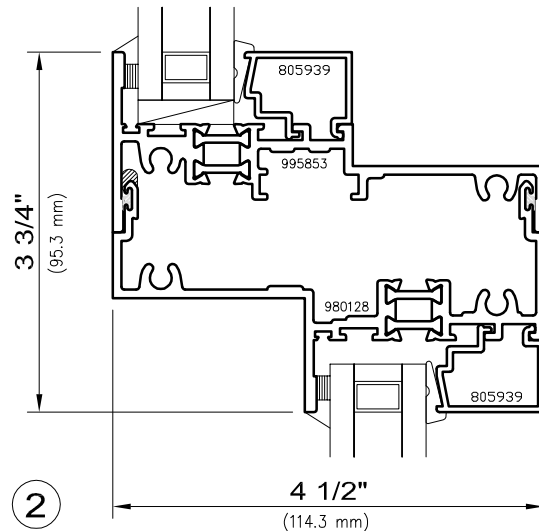
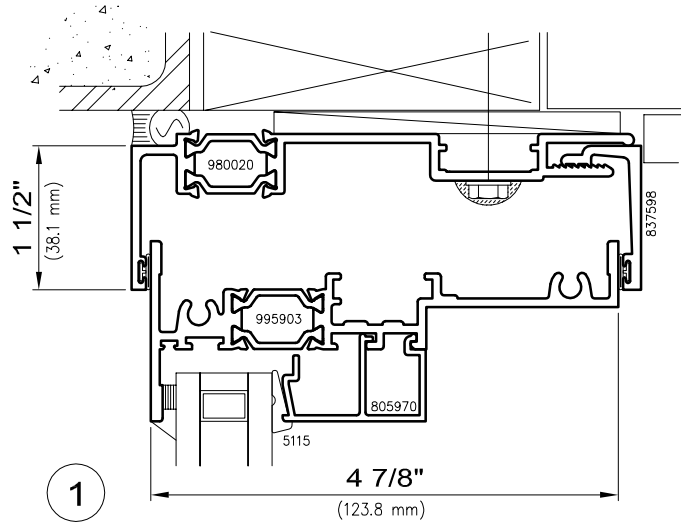
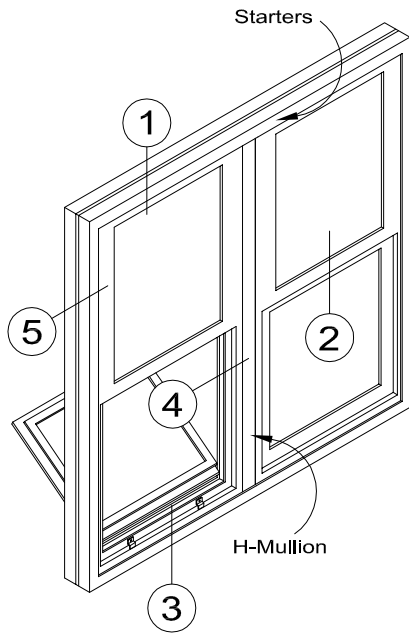
WINDOW AND WALL  
SYSTEMS

Simulated Double Hung  
Starters and H-Mullions

Architectural Windows

2250i/3250i/4250i-XLT INvent™ Series

Head, jamb and sill starters are available in a number of face widths and water head heights. Please refer to "Series Accessories" for more information.

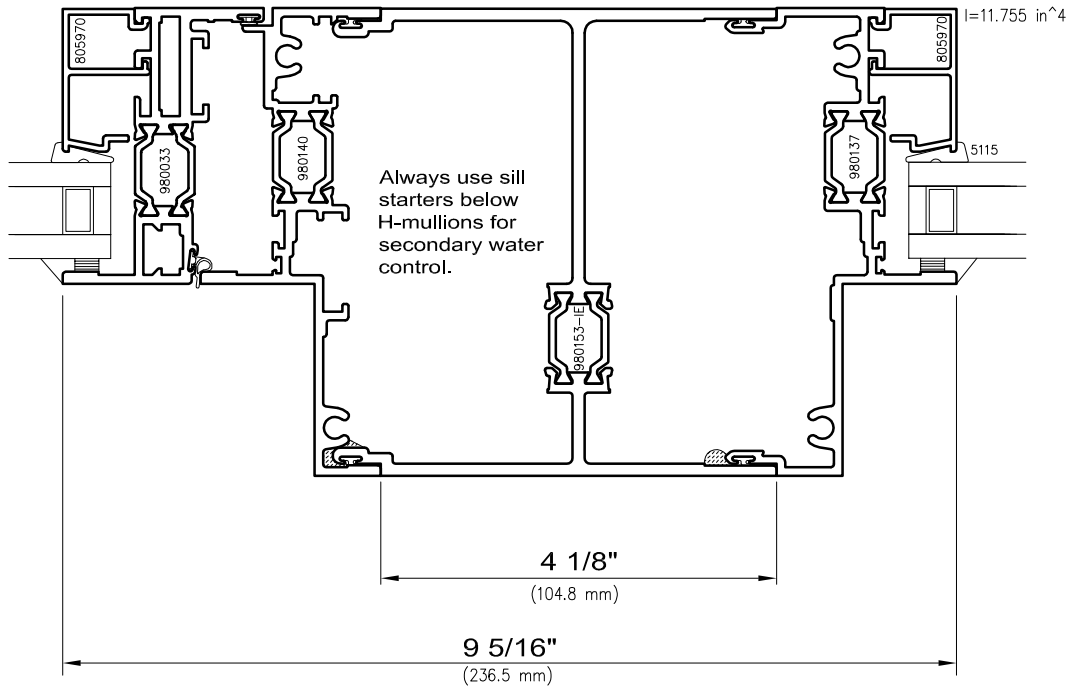


4250i-XLT INvent simulated double hung windows in multiple bays must be used in conjunction with T-mullions or H-mullions. Side stacking jambs not available.

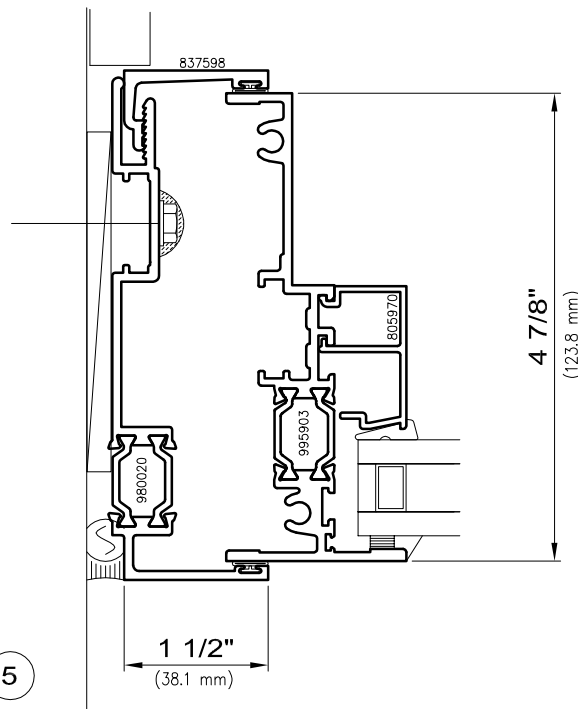


Non-stocked items shown - Minimum order quantity may apply

4250i-XLT INvent simulated double hung windows in multiple bays must be used in conjunction with T-mullions or H-mullions. Side stacking jambs not available.



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Head, jamb and sill starters are available in a number of face widths and water head heights. Please refer to "Series Accessories" for more information.

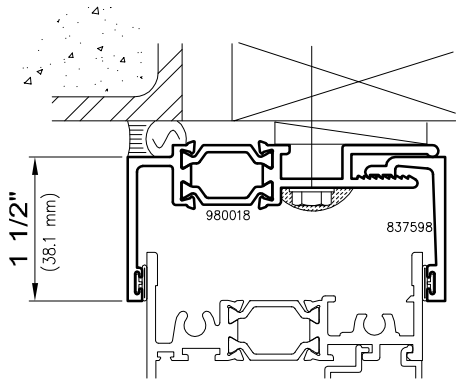




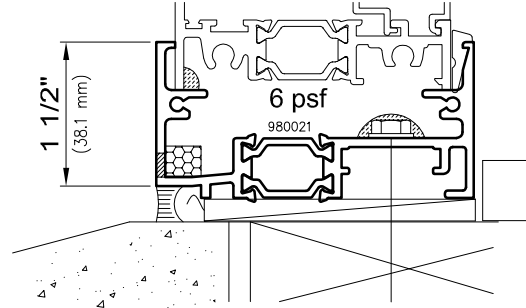
**Architectural Windows**

**2250i/3250i/4250i-XLT INvent™ Series**

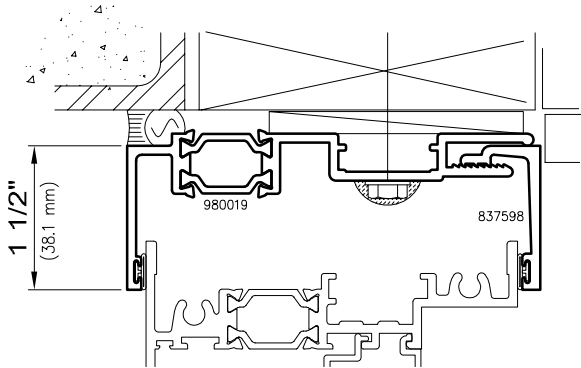
Non-stocked items shown - Minimum order quantity may apply



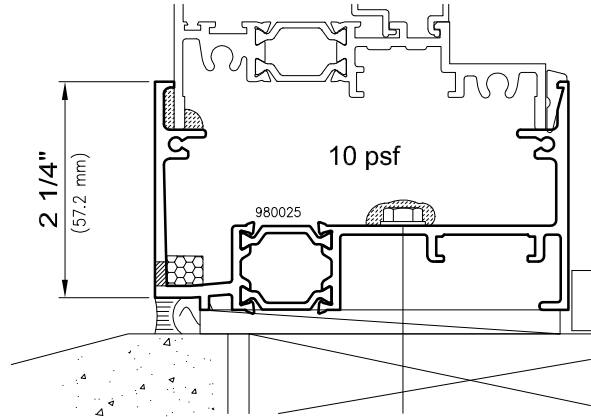
**2250i-XLT Head & Jamb Starter**



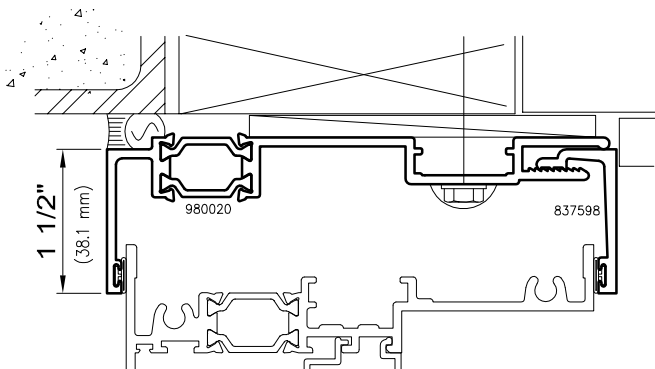
**2250i-XLT Sill Starter**



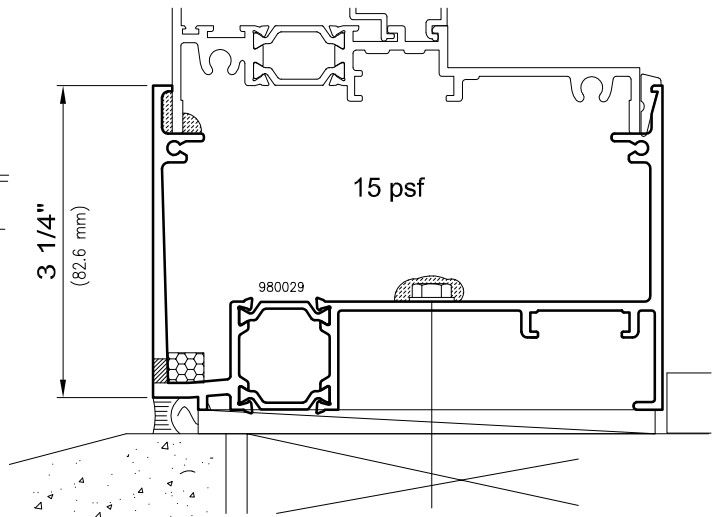
**3250i-XLT Head & Jamb Starter**



**3250i-XLT Sill Starter**



**4250i-XLT Head & Jamb Starter**



**4250i-XLT Sill Starter**

Value in psf Indicates Approximate Water Head (Without Pressure Equalization)  
Other Sill Starters Available For Higher or Lower Water Test Pressures



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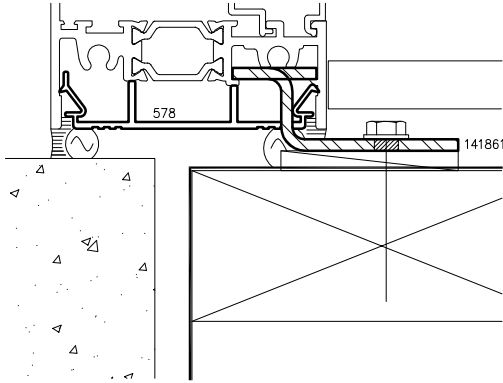
WINDOW AND WALL  
SYSTEMS

Accessories  
Head, Jamb, and Sill Starters

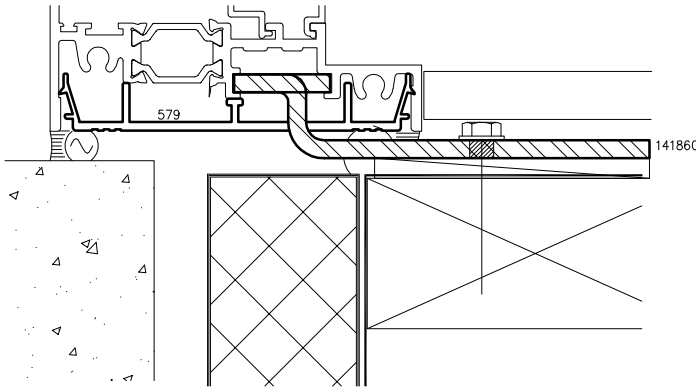
Architectural Windows

2250i/3250i/4250i-XLT INvent™ Series

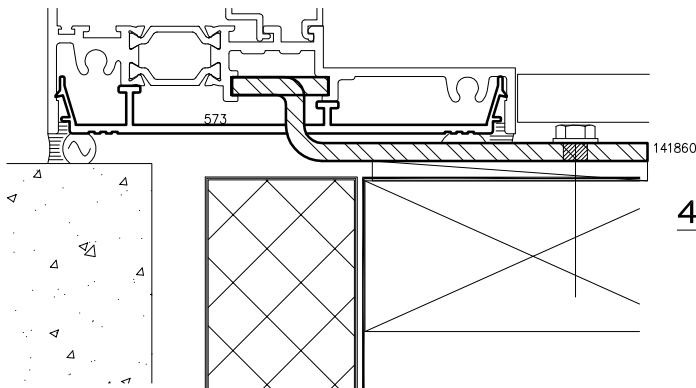
Non-stocked items shown – Minimum order quantity may apply



2250i-XLT Slide-In Anchor  
1/8" (nom.) Formed Steel



3250i-XLT Heavy Duty Slide-In Anchor  
3/16" (nom.) Formed Steel



4250i-XLT Heavy Duty Slide-In Anchor  
3/16" (nom.) Formed Steel



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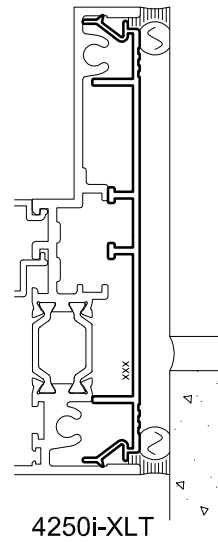
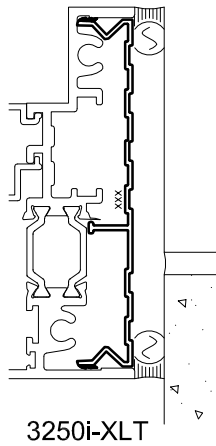
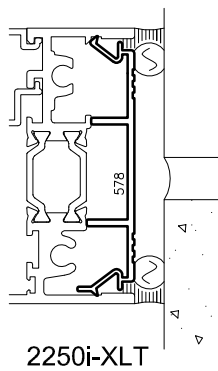
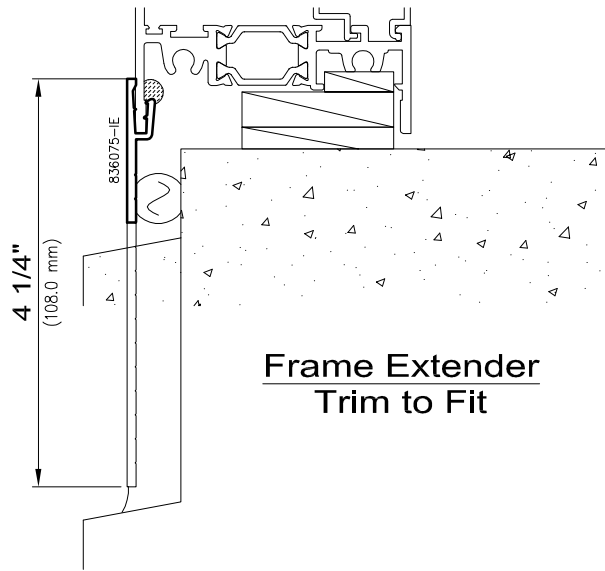
WINDOW AND WALL  
SYSTEMS

Accessories  
Anchor Options

Architectural Windows

2250i/3250i/4250i-XLT INvent™ Series

Non-stocked items shown – Minimum order quantity may apply



PVC Caulk Backers



**WAUSAU**

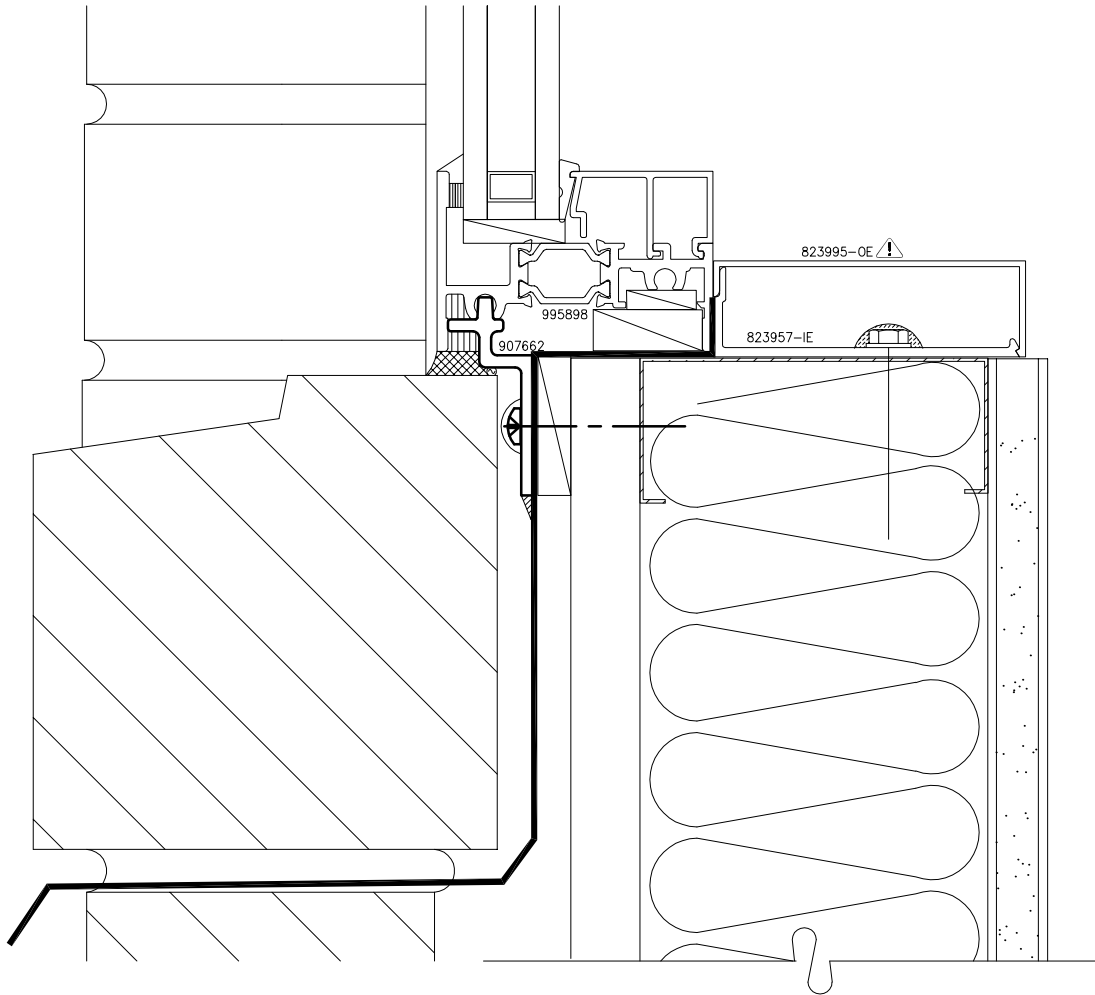
WINDOW AND WALL  
SYSTEMS

Accessories  
PVC Caulk Backers, Frame Extender

Architectural Windows

2250i/3250i/4250i-XLT INvent™ Series

Non-stocked items shown – Minimum order quantity may apply



***Nailing Fin  
Exterior Anchor***

- OBSOLETE TOOLING STATUS

SCALE: 6" = 1'-0"

P18-20

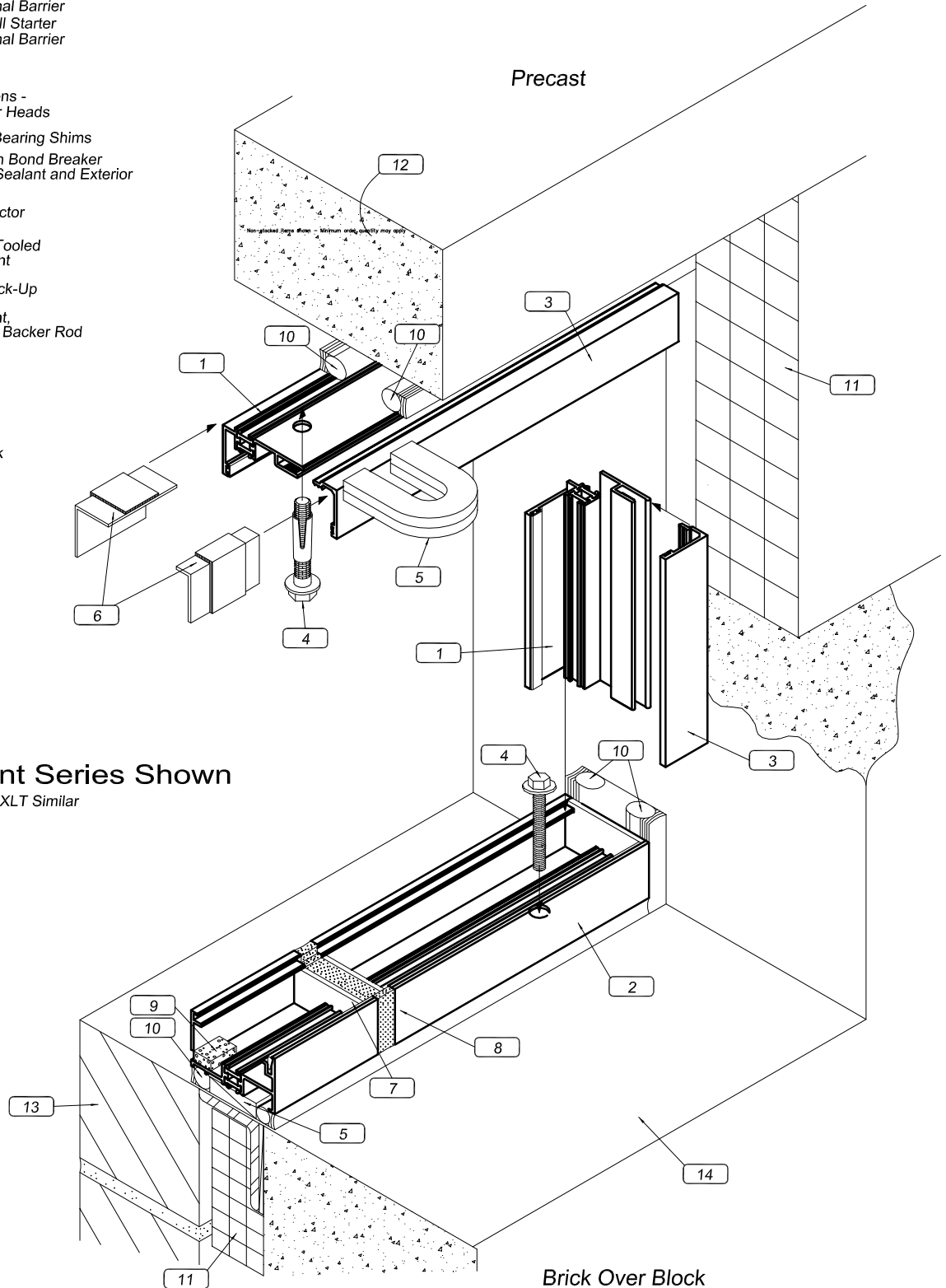
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Key:

- 1 Extruded Aluminum Head And Jamb Starter With Polyamide Thermal Barrier
- 2 Extruded Aluminum Sill Starter With Polyamide Thermal Barrier
- 3 Drive-On Starter Strip
- 4 Structural Attachment May Vary Per Conditions - Field Seal All Fastener Heads
- 5 Erector Installed Full-Bearing Shims Aluminum Splices With Bond Breaker
- 6 Tape - Erector Set In Sealant and Exterior Applied Sealant Joint
- 7 Aluminum Splice - Erector Set In Sealant
- 8 Erector Installed And Tooled Expansion / Splice Joint
- 9 Foam Baffle Weep Back-Up
- 10 Perimeter Sealant Joint, Specified Sealant And Backer Rod
- 11 Insulation
- 12 Stone Lintel
- 13 Brick
- 14 Interior Concrete Block

Note: Installation Conditions Vary...



2250i INvent Series Shown  
-XLT Similar



### Architectural Windows

### 2250i/3250i/4250i-XLT INvent™ Series

#### Frames

- 1 Extruded Frame Extender (When Required)
- 2 PVC Caulk Backer
- 3 Specified Rod And Perimeter Sealant
- 4 Erector Dead Load Shim

#### Anchorage (Using Slide-In Anchors)

- 5 Stainless Steel Fasteners Suitable For Substrate Material
- 6 Steel Slide-In Anchor With Fasteners (When Required At 3 1/2" And 4 1/2" Depth Systems)

#### Perimeter

- 7 Brick
- 8 Flashing
- 9 Insulation
- 10 Always Maintain Vapor Barrier Between Frame And Adjacent Walls
- 11 General Contractor Provide Blocking To Secure Attachment Into Steel Studs
- 12 Erector Installed Full-Bearing Shim

### 2250i INvent Series Shown

-XLT Similar

