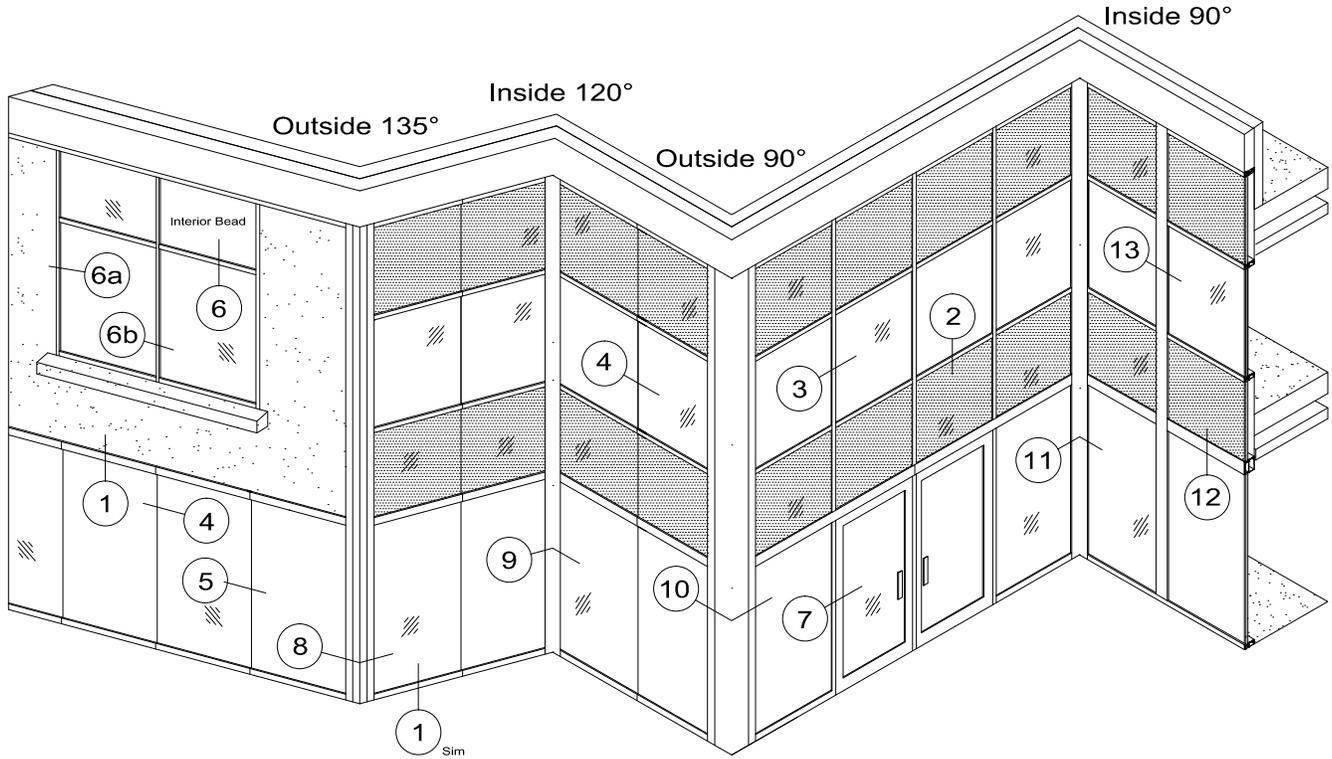




**Curtainwall**

**2 1/2" SUPERWALL™ Series**

Elevation Viewed From The Exterior



**Section Contents**

**Page(s)**

2 1/2" Face Details .....	C2-02 thru C2-05
SuperWall Corners .....	C2-06 thru C2-09
Trim Covers .....	C2-10 thru C2-13
Door Frame Inserts .....	C2-14
Glazing Options .....	C2-15
Mullion Splices .....	C2-16
Steel Cladding .....	C2-17 thru C2-18
Projected Vent Inserts .....	C2-19
Isometric Views .....	C2-20 thru C2-24

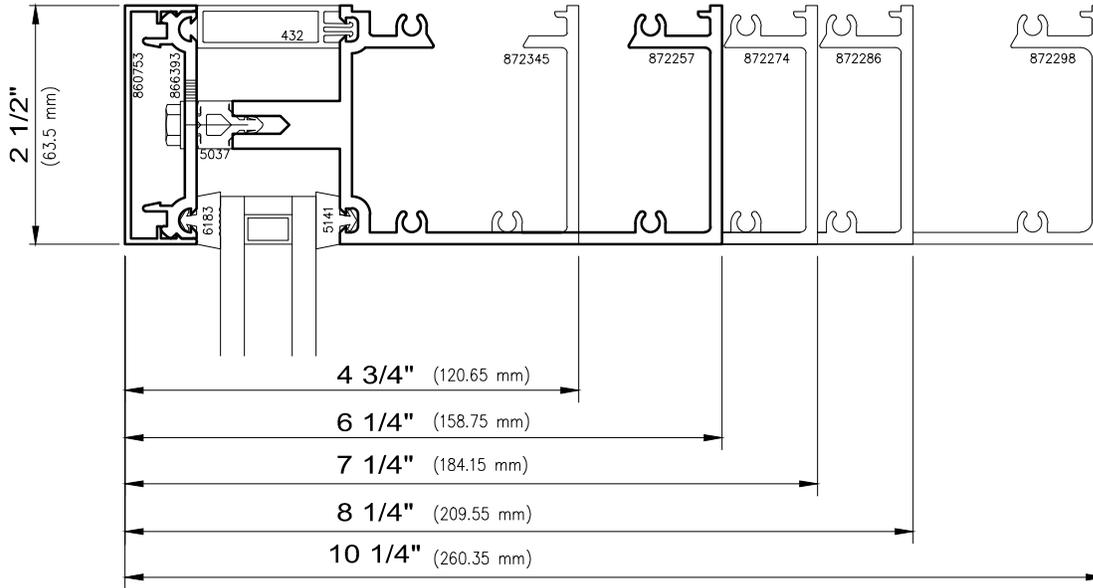
# SuperWall

Contact A Wausau Representative For Other Possible Configurations.

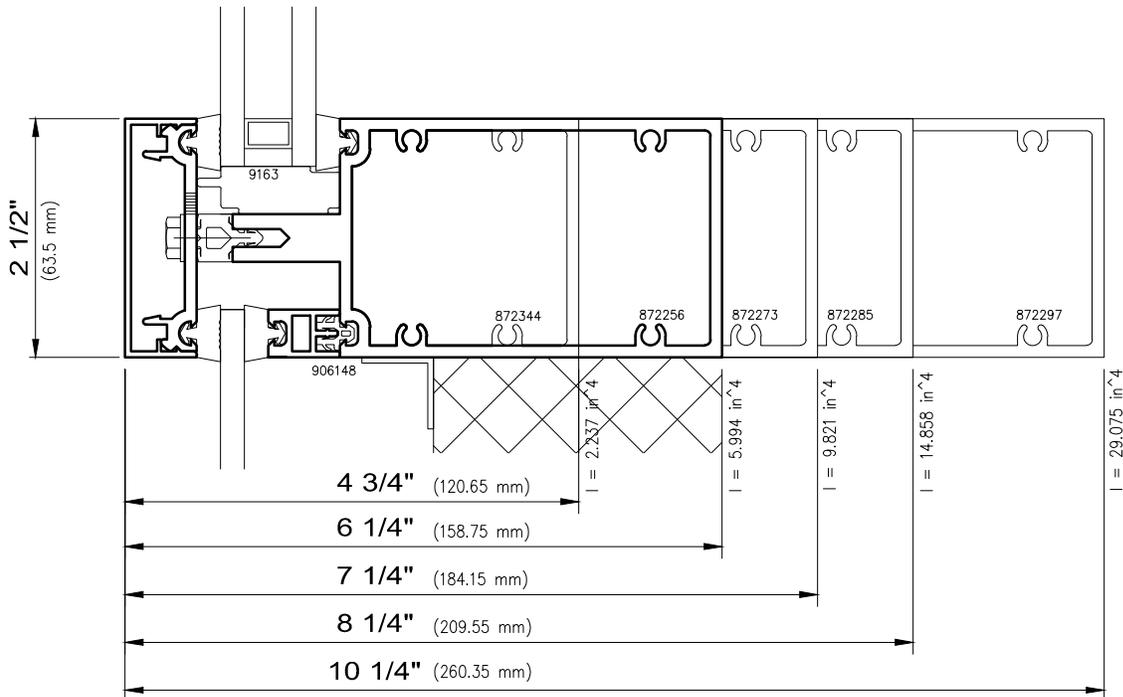


## Curtainwall

## 2 1/2" SUPERWALL™ Series



1 Perimeter Frame



2 Vision/Spandrel Intermediate



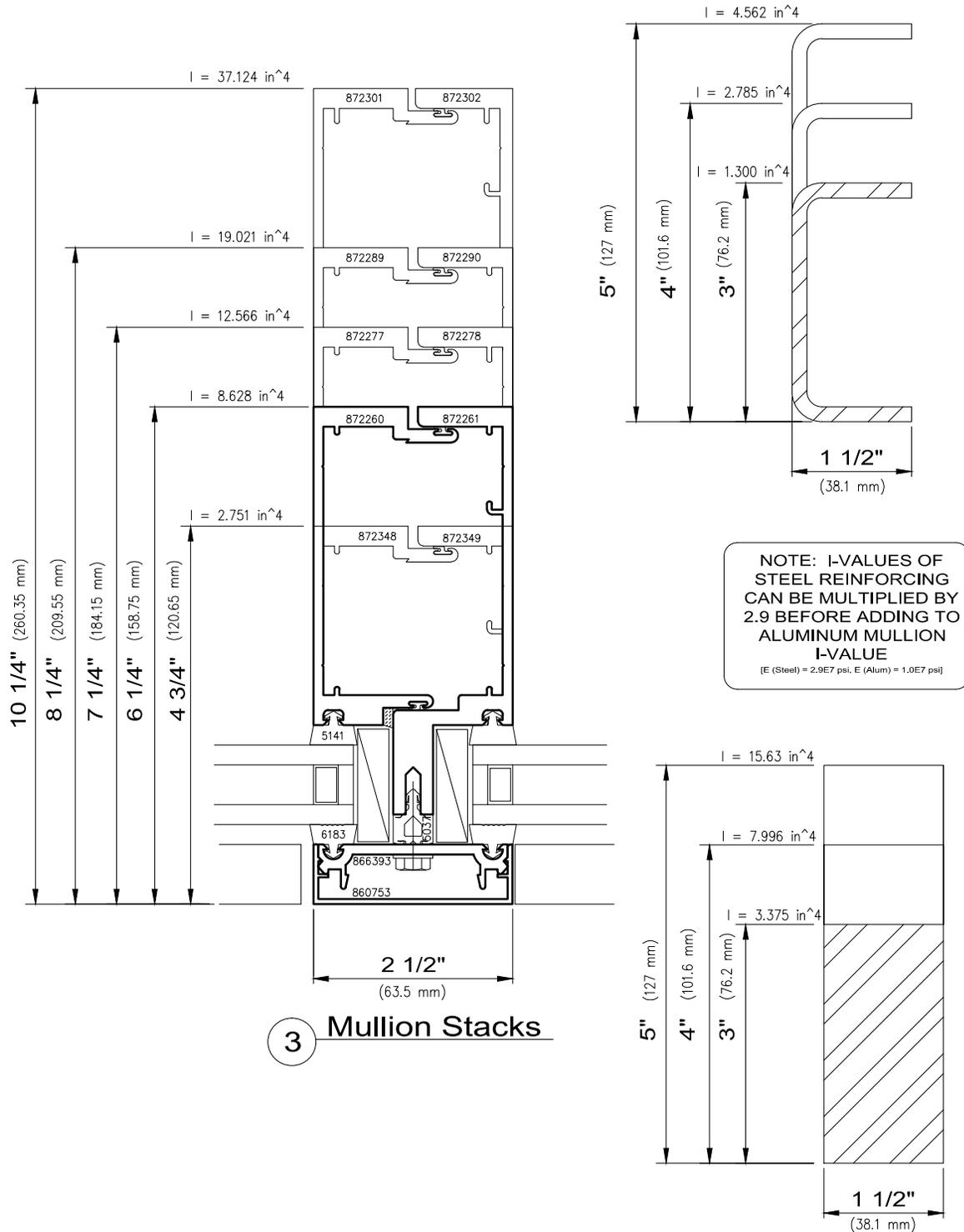
**WAUSAU**

WINDOW AND WALL  
SYSTEMS

4750/ 6250/ 7250/ 8250/ 10250 SW

**Curtainwall**

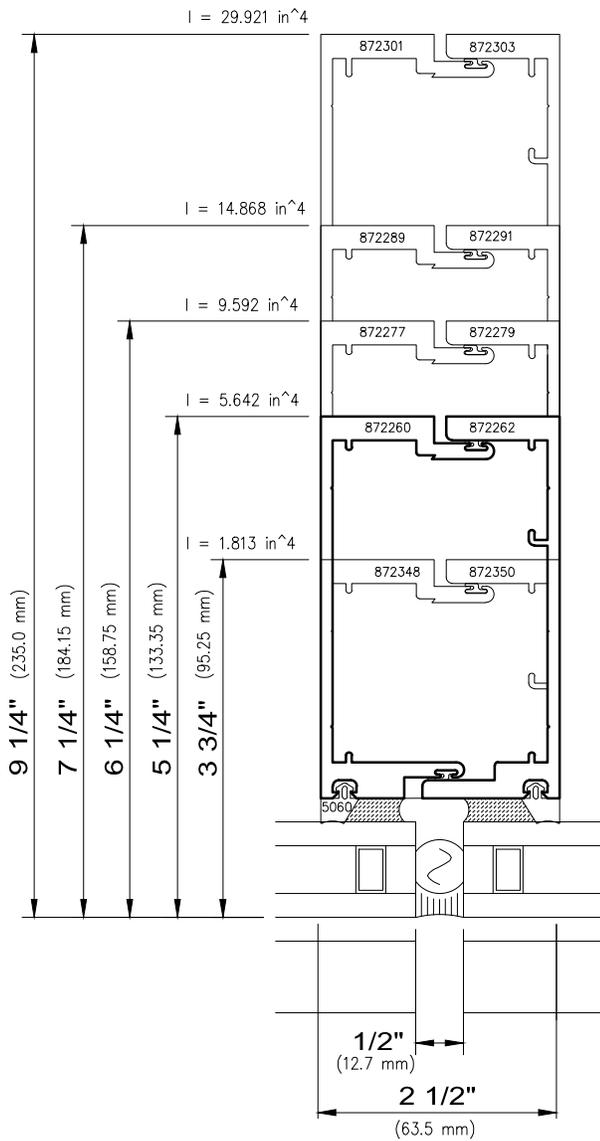
**2 1/2" SUPERWALL™ Series**



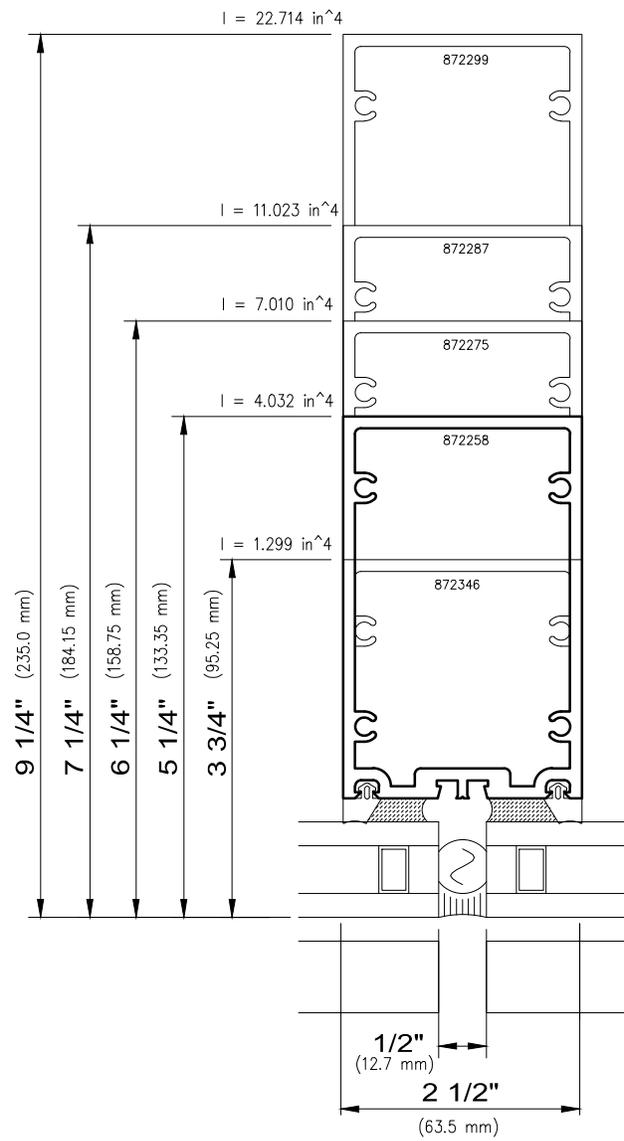


## Curtainwall

## 2 1/2" SUPERWALL™ Series



4 Structural Glazed Mullion Stacks

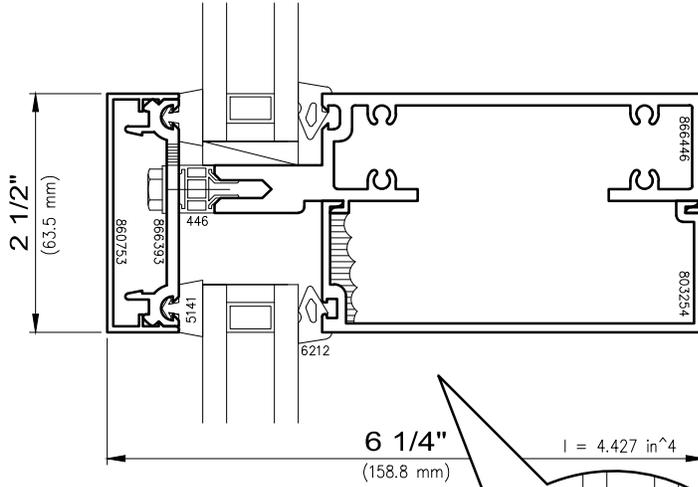


5 Tube Mullions



## Curtainwall

## 2 1/2" SUPERWALL™ Series

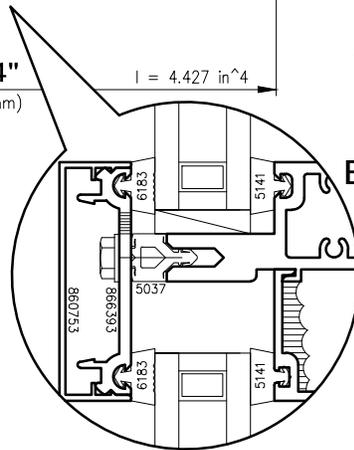


**NOTE:**  
Superwall with removable interior beads can be initially glazed either entirely from the interior, or entirely from the exterior as shown, but a combination of both is not recommended, except as necessary for reglazing.

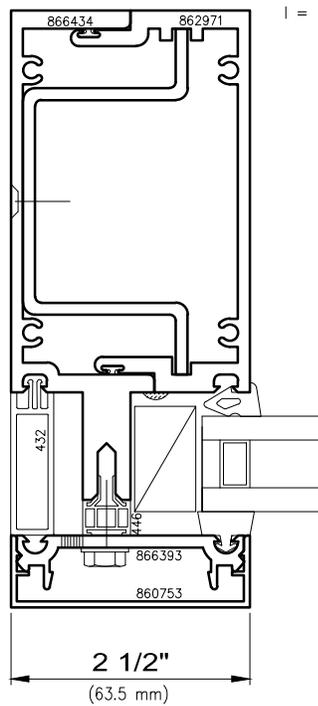
Special anchor details may be required for inside glazing of spandrels at anchorage conditions. Insulating spandrel glass is recommended.

It is especially critical to ensure 100% tooled seals at interior glazing gasket races and zone dams above removable interior beads, as well as bead-to-frame joints. Refer to Wausau installation instructions for more information.

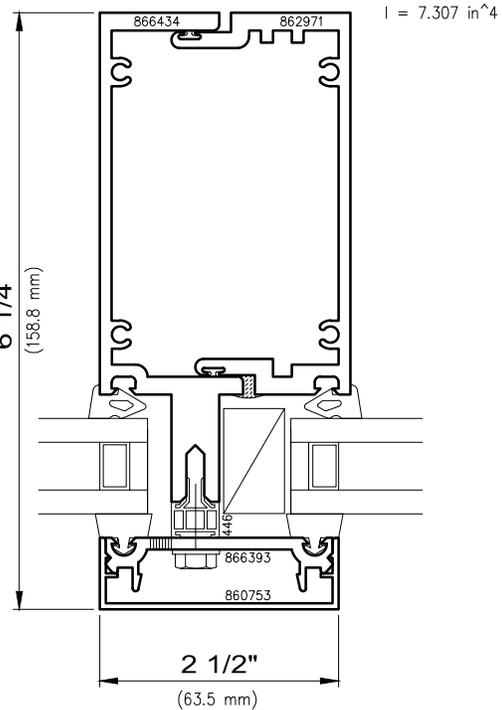
6 Intermediate Interior Glazed



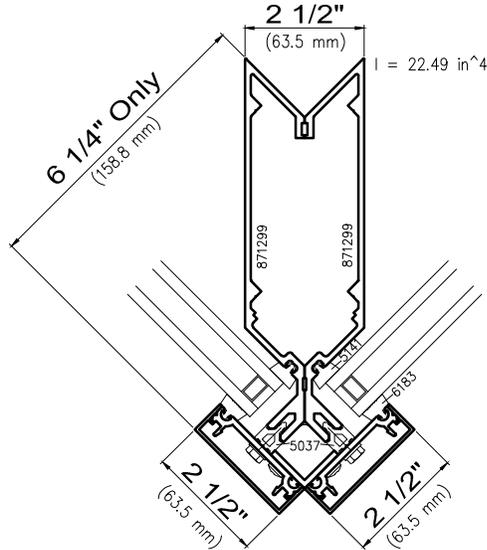
Exterior Glazed



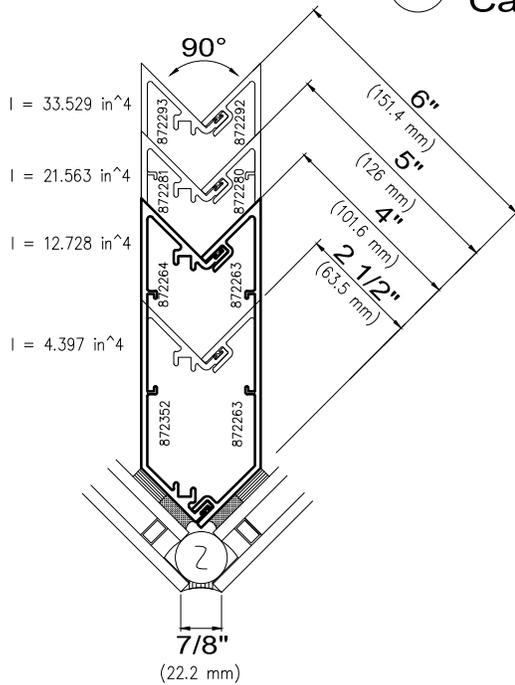
6a Perimeter Frame with Offset Stem



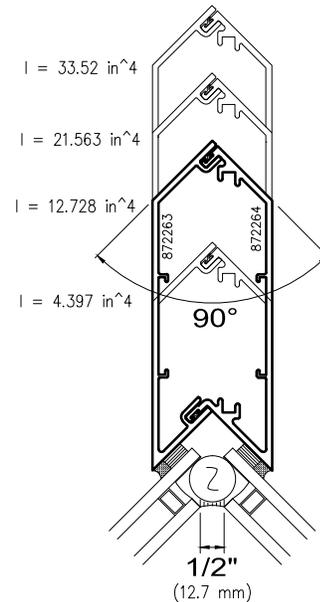
6b Mullion Stacks with Offset Stem



10 Outside 90° Corner  
Captured Glazing



10 Outside 90° Corner  
Structural Glazed



11 Inside 90° Corner  
Structural Glazed



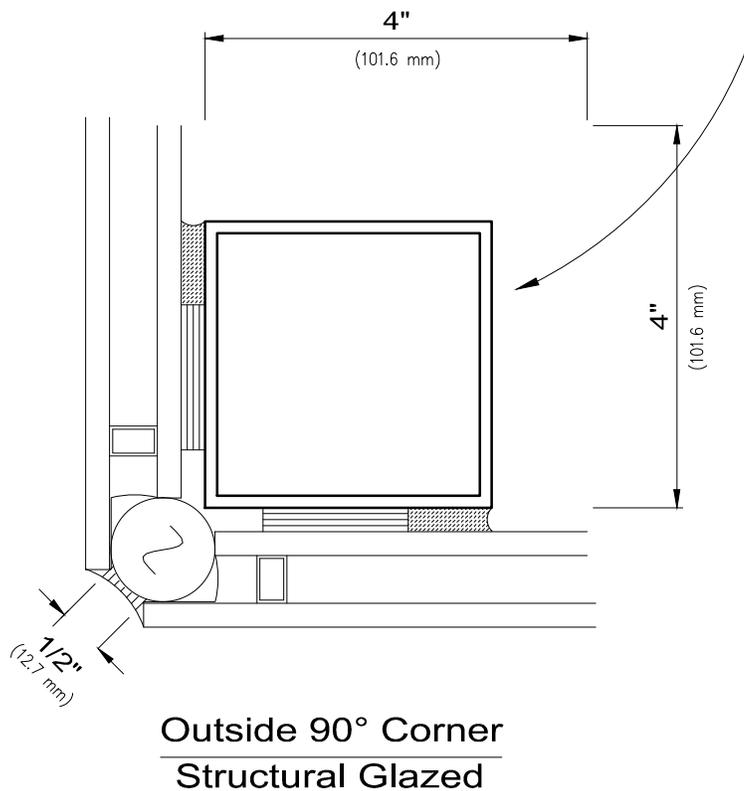
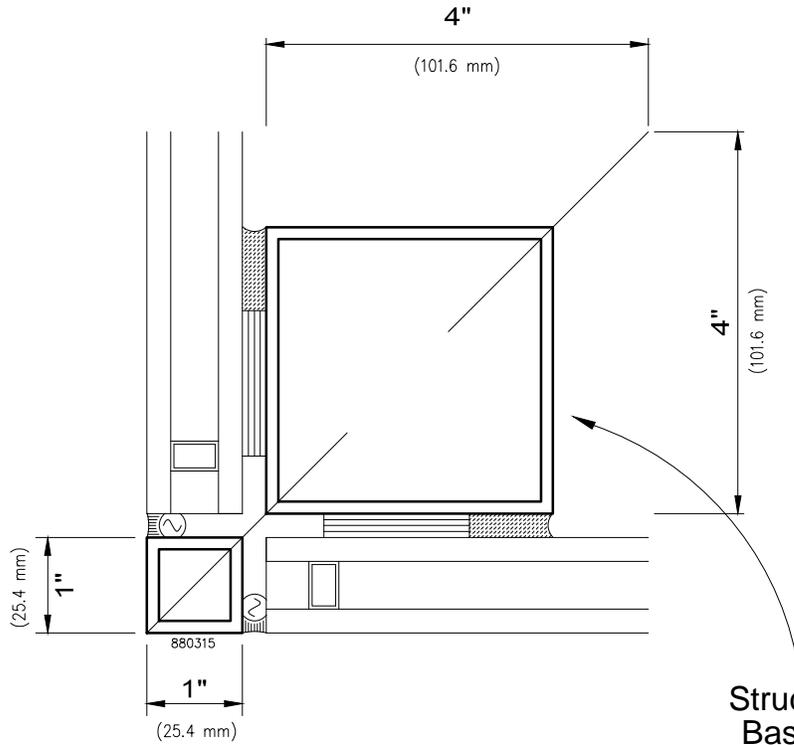
**WAUSAU**

WINDOW AND WALL  
SYSTEMS

Structural Glazed Corners

Curtainwall

2 1/2" SUPERWALL™ Series





**WAUSAU**

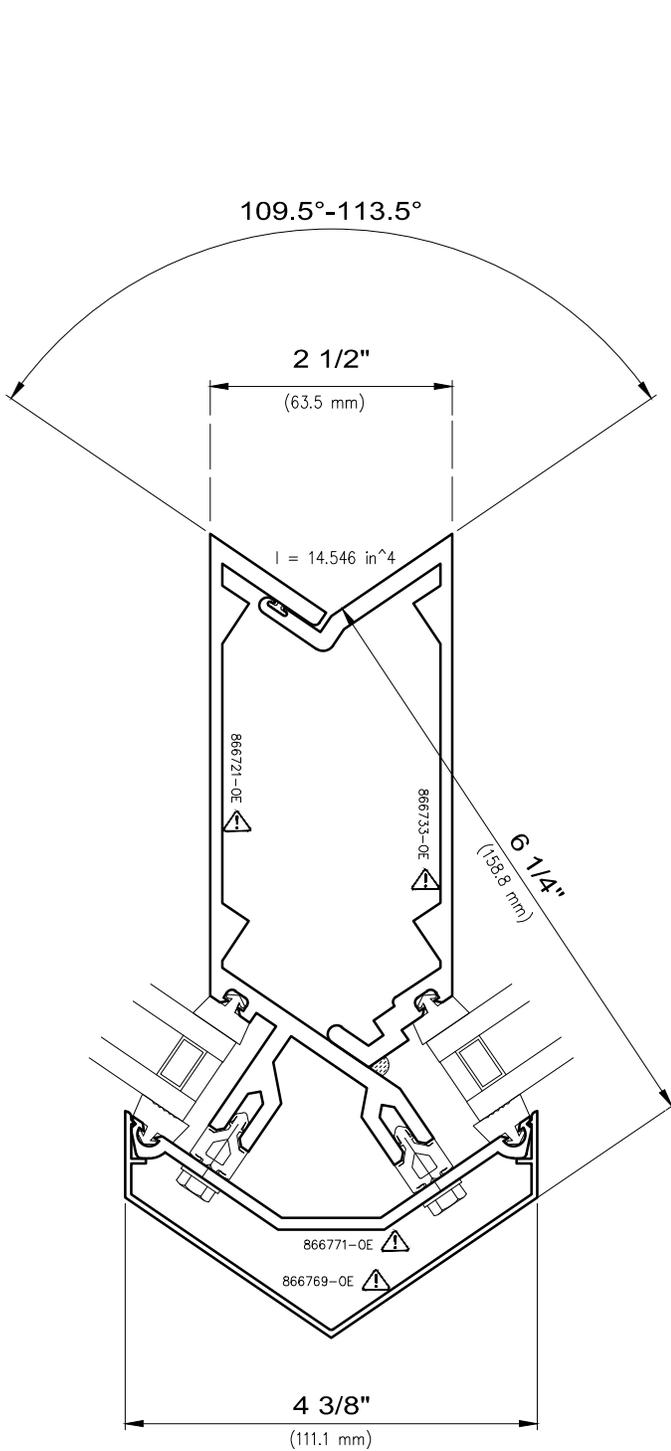
WINDOW AND WALL  
SYSTEMS

Splayed Mullions

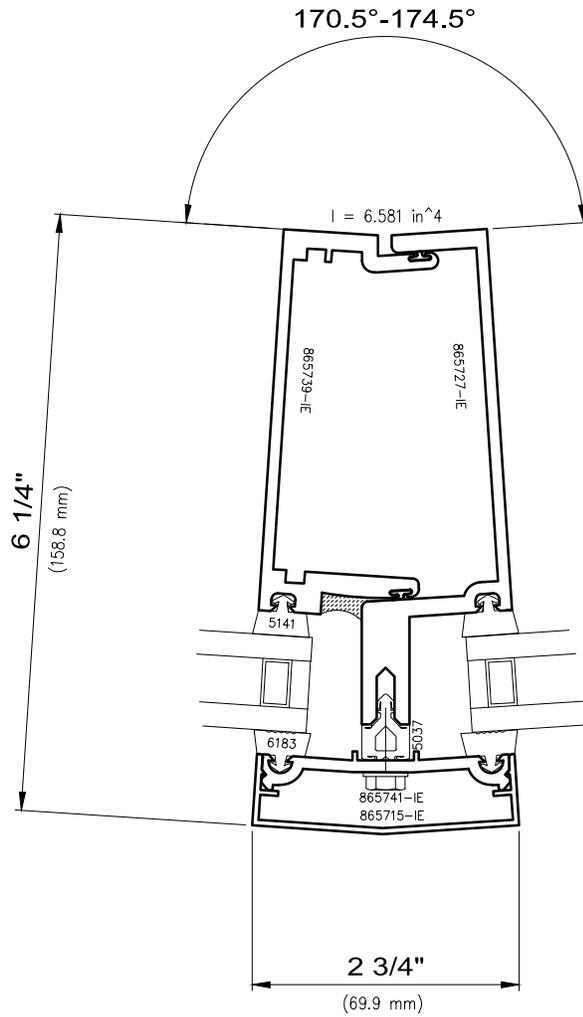
Curtainwall

2 1/2" SUPERWALL™ Series

Non-stocked items shown – Minimum order quantity may apply



111.5° Splayed Mullion



172.5° Splayed Mullion

⚠ - OBSOLETE TOOLING STATUS

SCALE: 6" = 1'-0"

C2-8

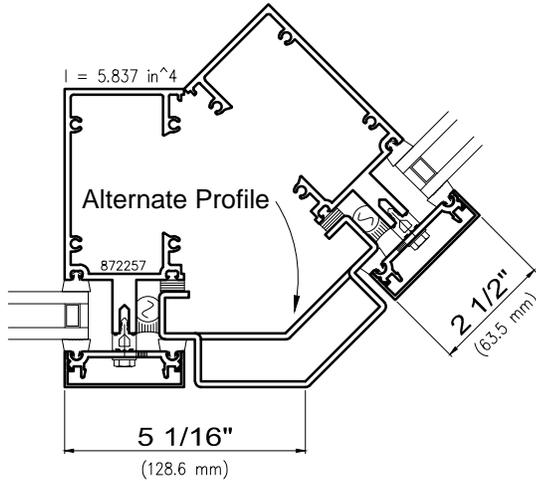
© 2015 Apogee Wausau Group, Inc.



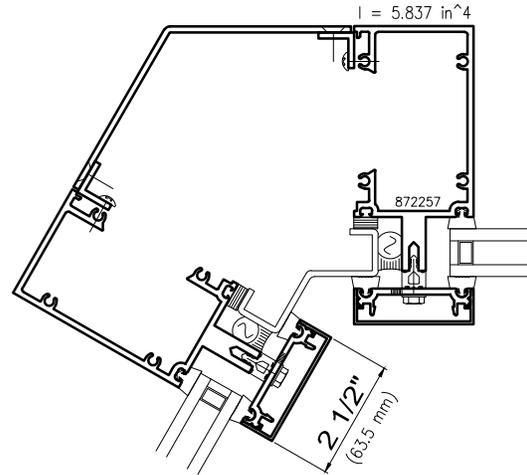
Curtainwall

2 1/2" SUPERWALL™ Series

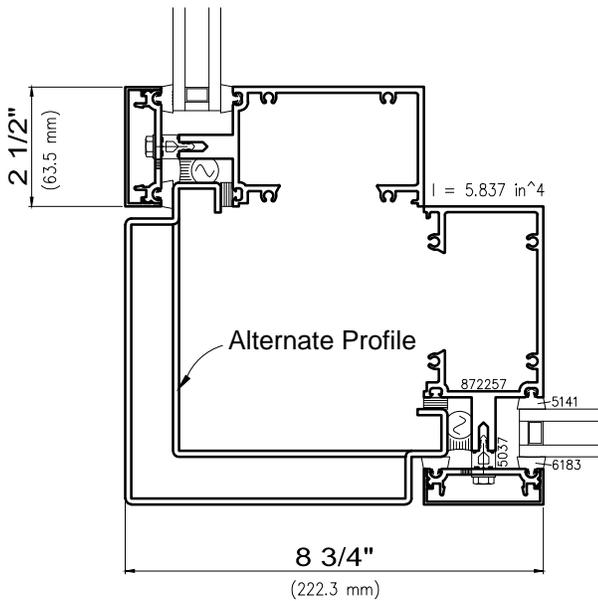
(6250SW Series Illustrated)



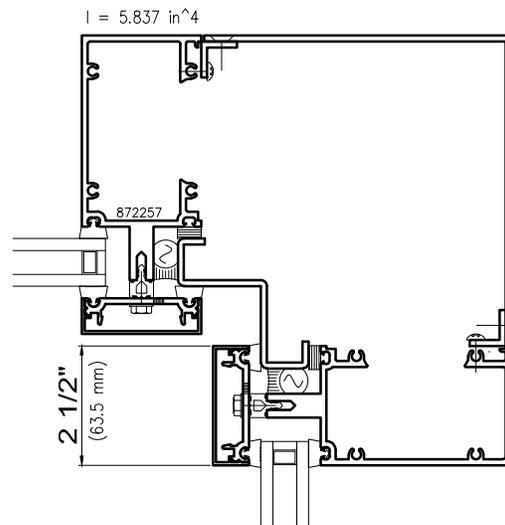
8 Outside 135° Corner Mullion  
0.125" Formed Aluminum



9 Inside 120° Corner Mullion  
0.125" Formed Aluminum



Outside 90° Corner Mullion  
0.125" Formed Aluminum



Inside 90° Corner Mullion  
0.125" Formed Aluminum

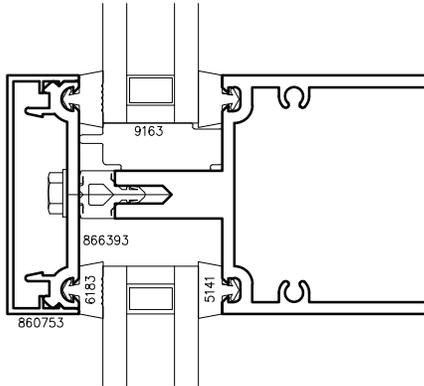


Curtainwall

2 1/2" SUPERWALL™ Series

Non-stocked items shown - Minimum order quantity may apply

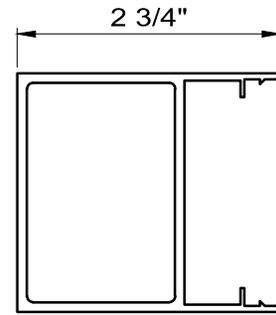
2 1/2" Exterior  
Trim Covers



(19.1 mm)  
860753

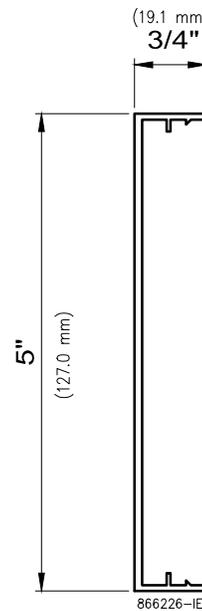
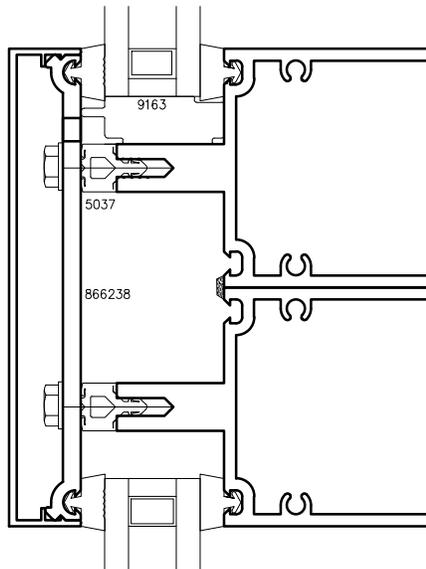


(25.4 mm)  
862555-IE



(69.9 mm)  
872416-IE

5" Exterior  
Trim Covers

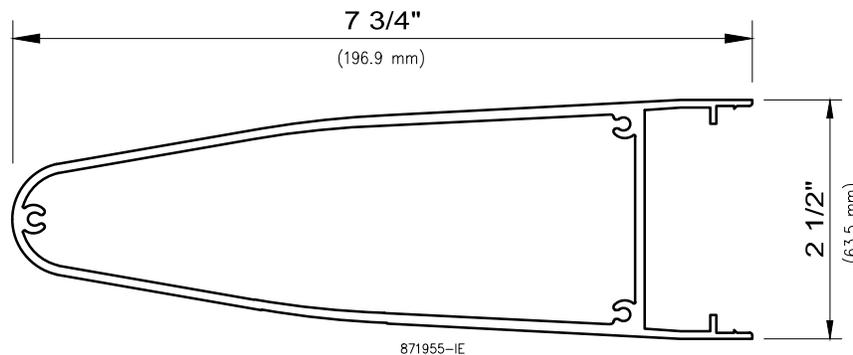
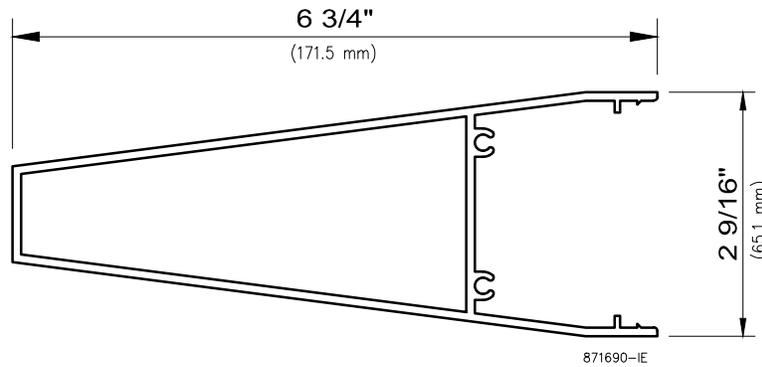
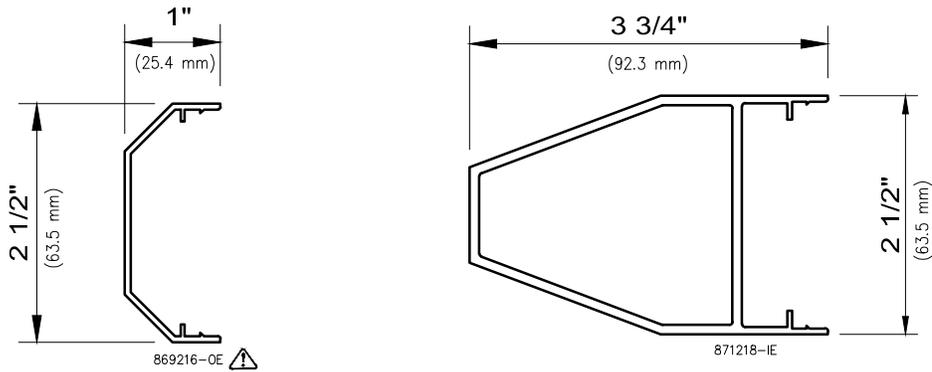


(127.0 mm)  
866226-IE



Non-stocked items shown – Minimum order quantity may apply

## 2 1/2" Accent Trim Covers



- OBSOLETE TOOLING STATUS

Non-standard deep exterior snap-on covers (those extending more than 2" from the face of glass) may need to be secured by methods other than snap fits. It is the responsibility of the installer to verify applied loads from maintenance equipment, staging, scaffolding or other exterior access devices, regardless of whether such requirements are included in contract documents, and add mechanical attachment provisions as necessary. Wausau's structural engineering department is available to assist in analysis of loading. Dynamic wind loads, as well as the potential for build-up of ice or snow, should also be considered.



**WAUSAU**

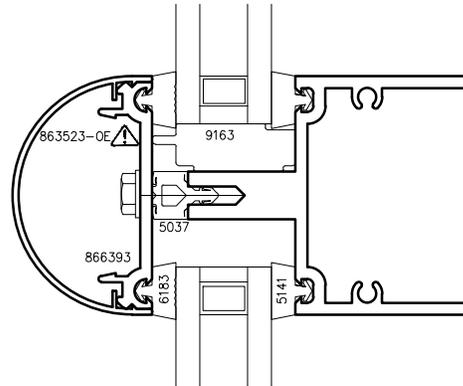
WINDOW AND WALL  
SYSTEMS

Trim Covers

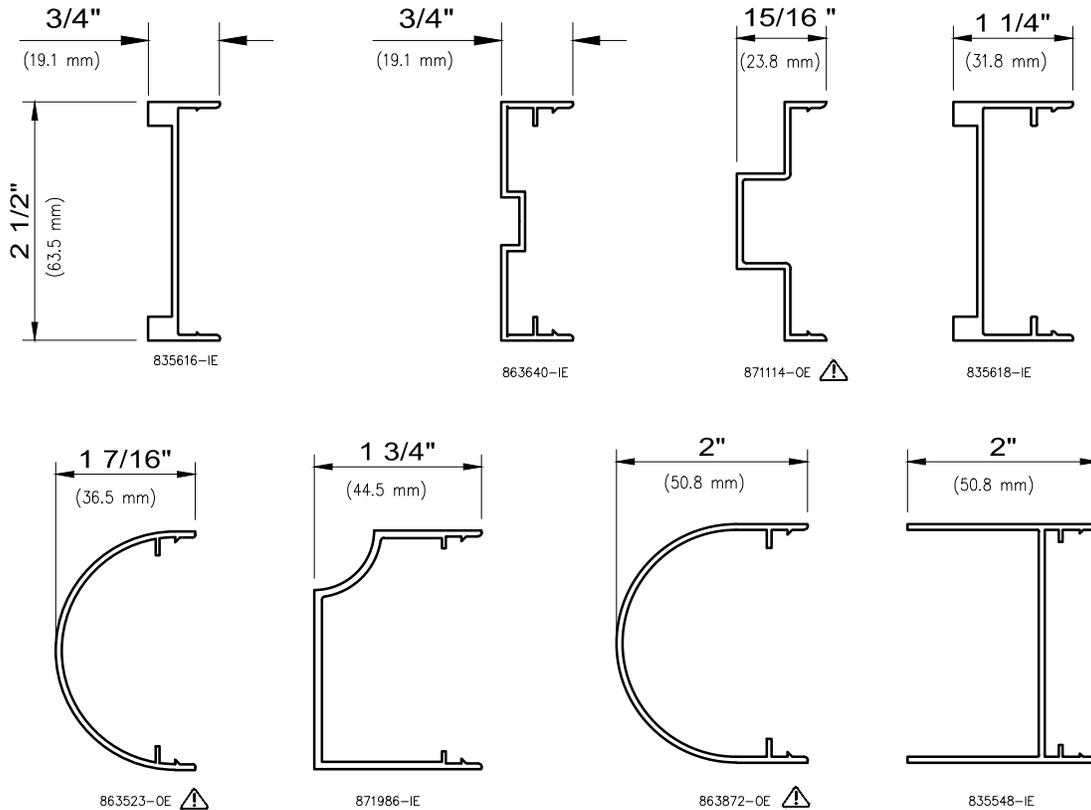
Curtainwall

2 1/2" SUPERWALL™ Series

Non-stocked items shown – Minimum order quantity may apply



2 1/2" Accent  
Trim Covers



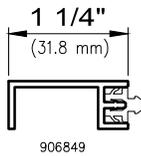
⚠ - OBSOLETE TOOLING STATUS

Non-standard deep exterior snap-on covers (those extending more than 2" from the face of glass) may need to be secured by methods other than snap fits. It is the responsibility of the installer to verify applied loads from maintenance equipment, staging, scaffolding or other exterior access devices, regardless of whether such requirements are included in contract documents, and add mechanical attachment provisions as necessary. Wausau's structural engineering department is available to assist in analysis of loading. Dynamic wind loads, as well as the potential for build-up of ice or snow, should also be considered.

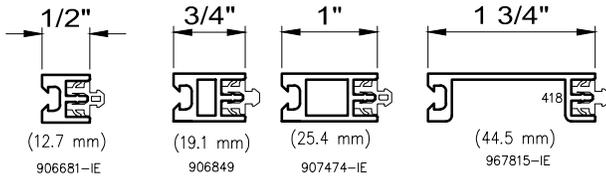


### Miscellaneous Accessories

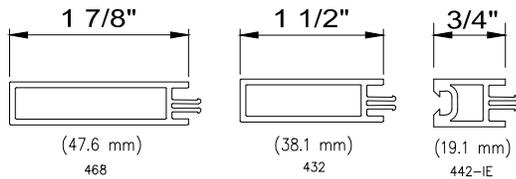
#### Aluminum Pocket Filler



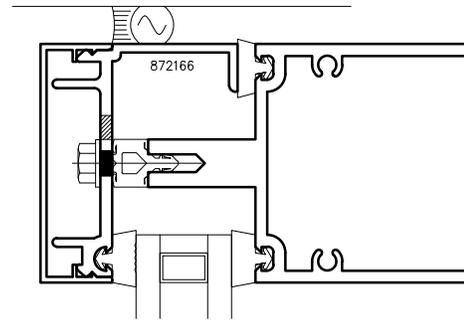
#### Aluminum Glazing Inserts



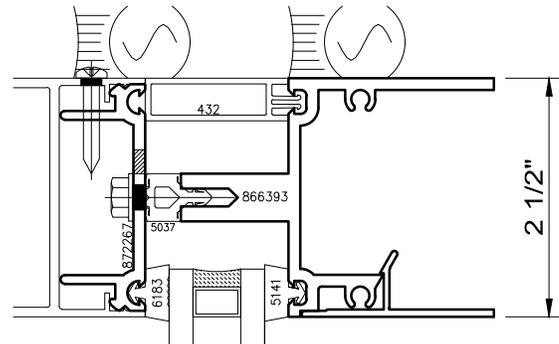
#### PVC Pocket Filler



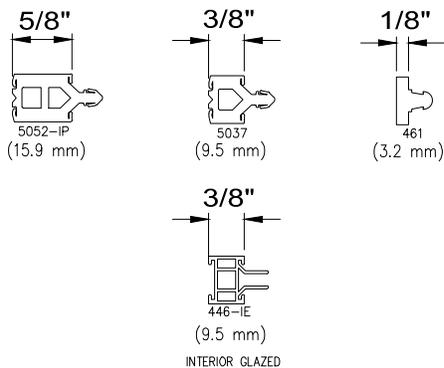
#### Angled Pressure Plate



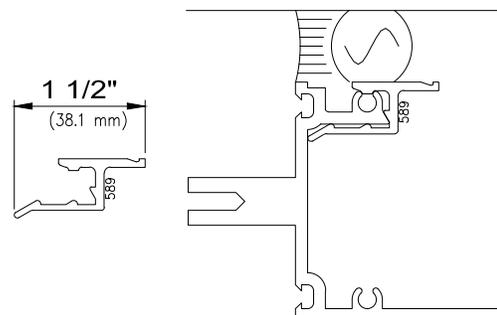
#### Pressure Plate with Fastener Legs



#### Thermal Separator



#### PVC Caulk Backer





**WAUSAU**

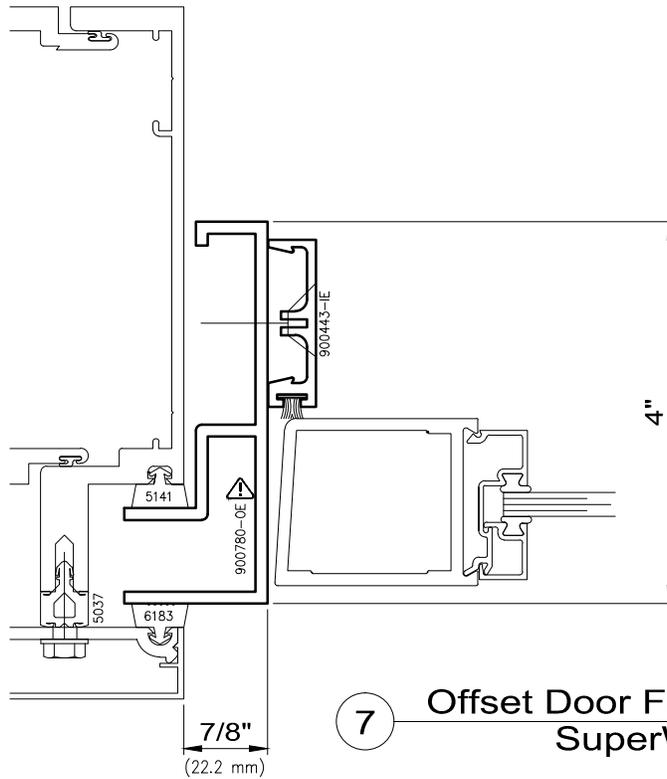
WINDOW AND WALL  
SYSTEMS

Door Frame Inserts

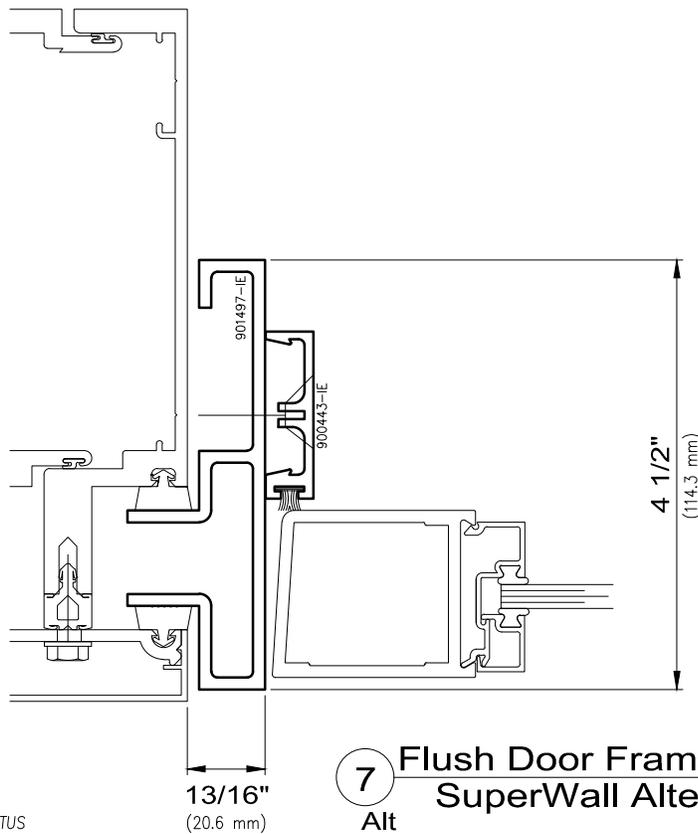
Curtainwall

**SUPERWALL™** Series

Non-stocked items shown - Minimum order quantity may apply



**7** Offset Door Frame Insert  
SuperWall



**7** Flush Door Frame Insert  
SuperWall Alternate  
Alt

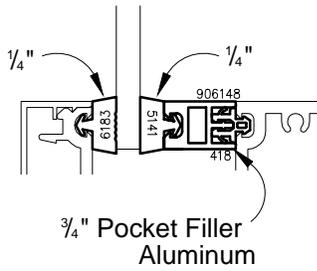
- OBSOLETE TOOLING STATUS

Curtainwall

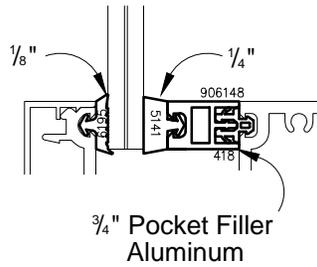
2 1/2" SUPERWALL™ Series

Non-stocked items shown – Minimum order quantity may apply

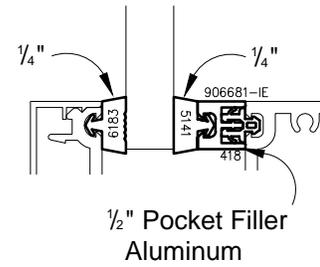
1/4" Glass



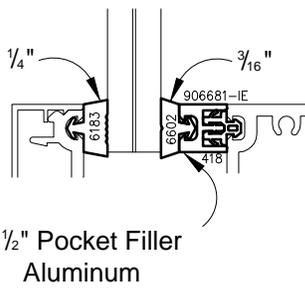
3/8" Glass



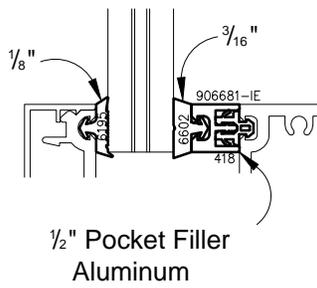
1/2" Glass



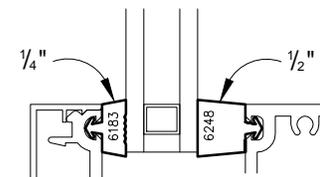
9/16" Glass



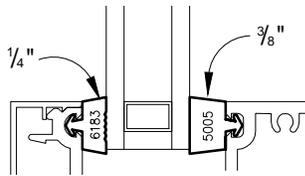
1 1/16" Glass



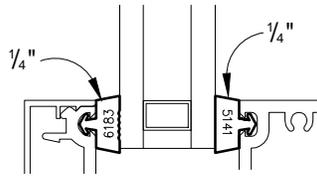
3/4" Glass



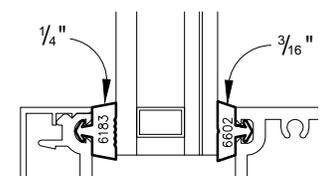
7/8" Glass



1" Glass

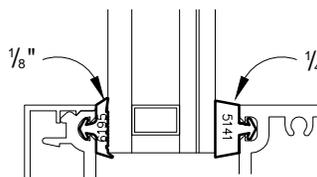


1 1/16" Glass



Glass Size Limitations Apply

1 1/8" Glass



Contact A Wausau Representative For Other Possible Glazing Options.



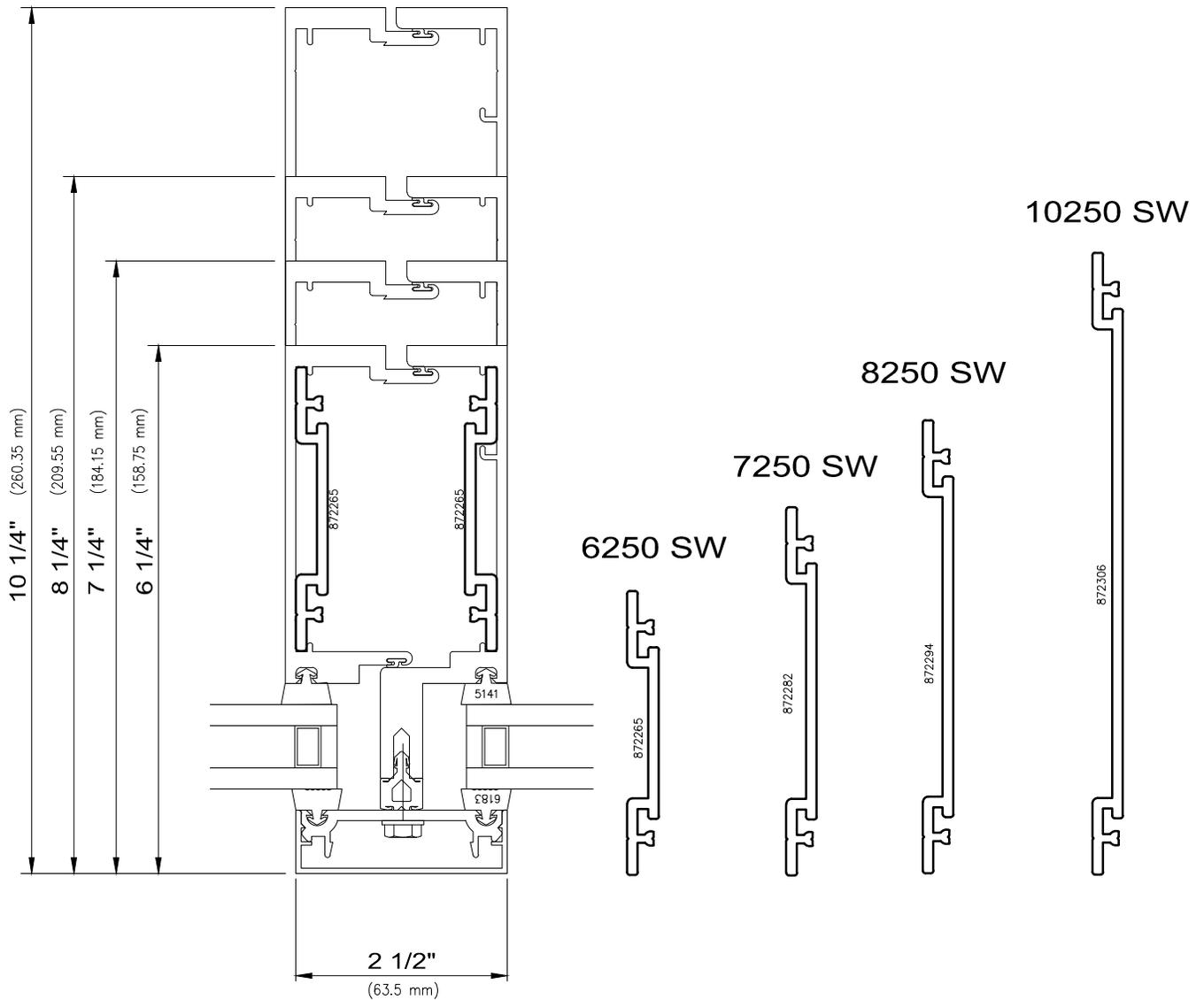
**WAUSAU**

WINDOW AND WALL  
SYSTEMS

6250/ 7250/ 8250/ 10250 Mullion Splices

Curtainwall

2 1/2" SUPERWALL™ Series



SuperWall Mullion Splice



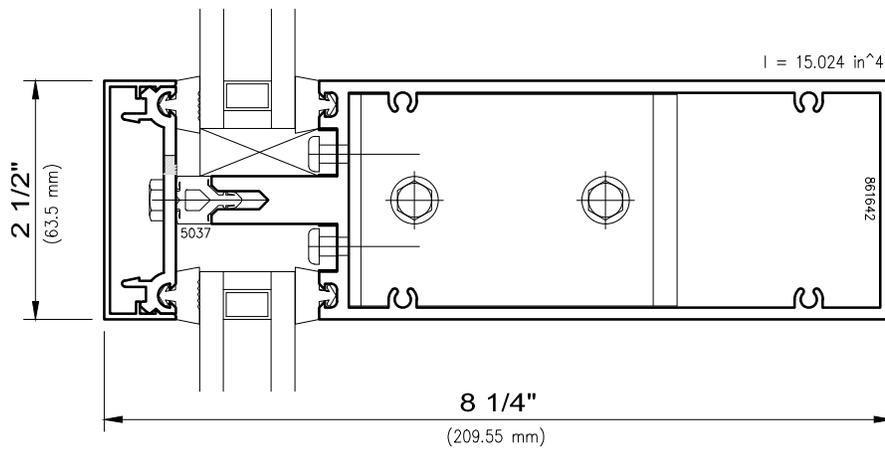
**WAUSAU**

WINDOW AND WALL  
SYSTEMS

Horizontal

Curtainwall

STEEL CLADDING Series



Iyy-Values are for Glass Load



**WAUSAU**

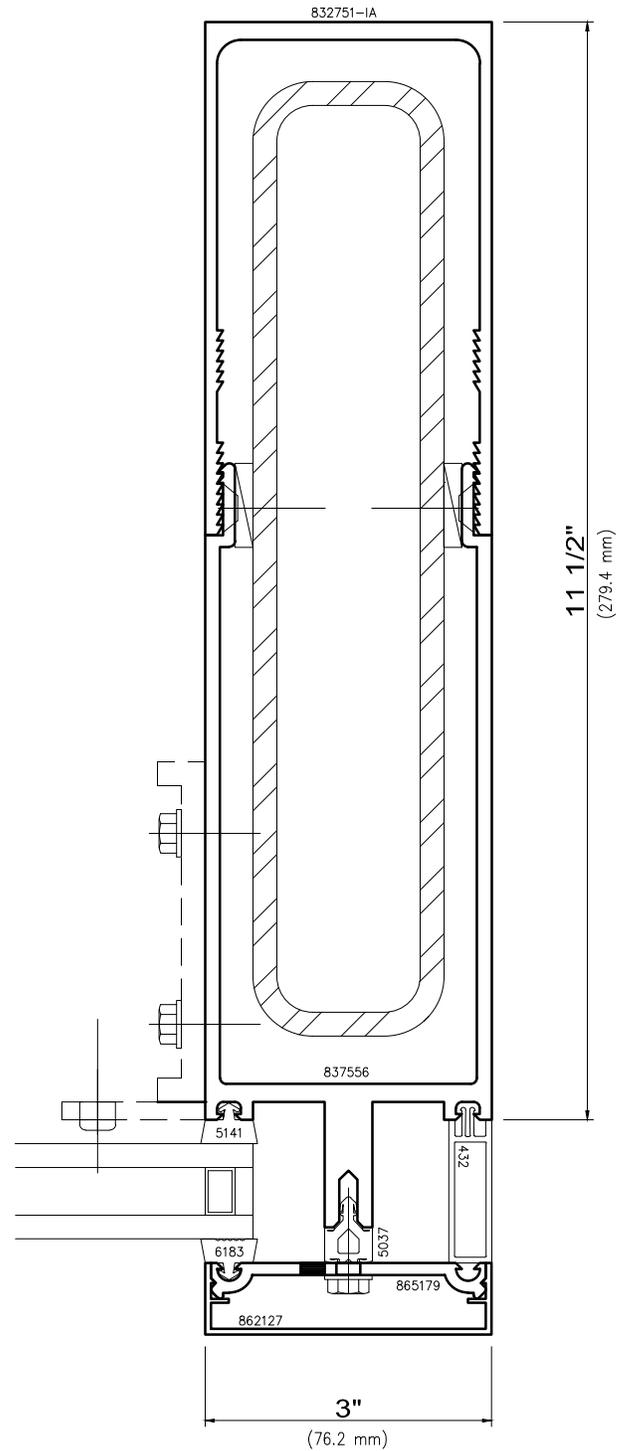
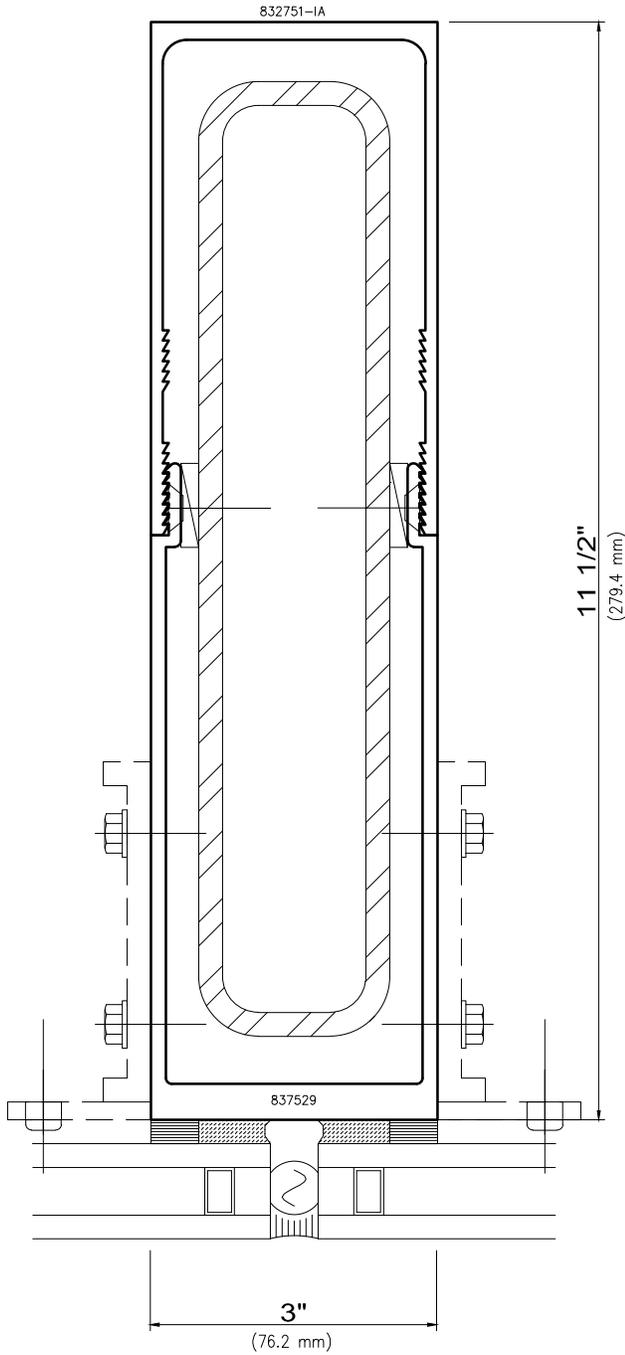
WINDOW AND WALL  
SYSTEMS

Verticals

Curtainwall

STEEL CLADDING Series

Non-stocked items shown – Minimum order quantity may apply





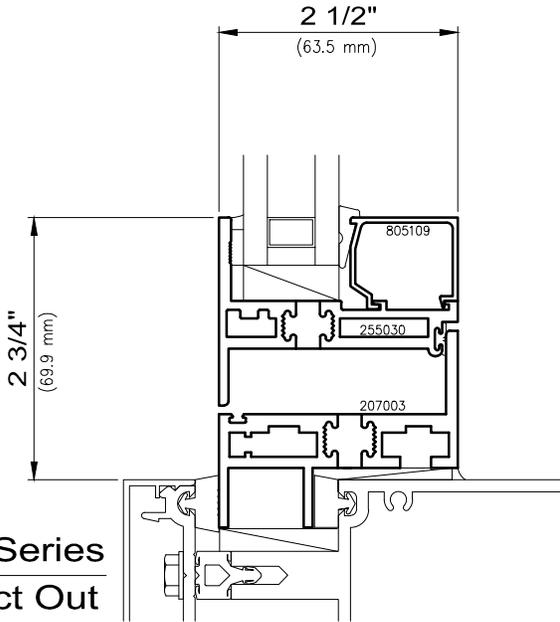
**WAUSAU**

WINDOW AND WALL  
SYSTEMS

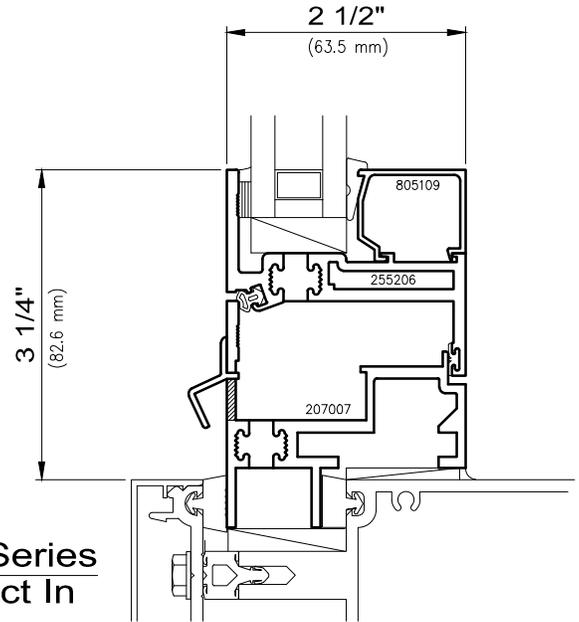
Projected Vent Inserts

Curtainwall

**SUPERWALL™** Series



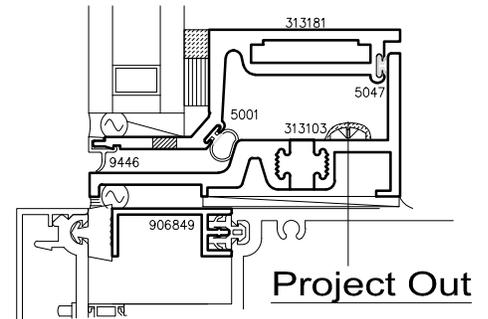
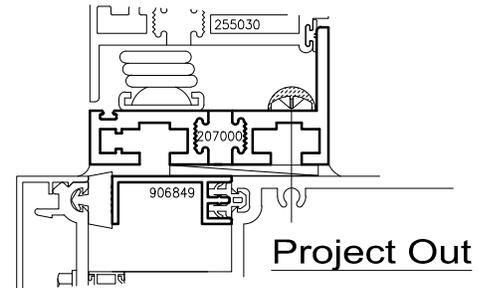
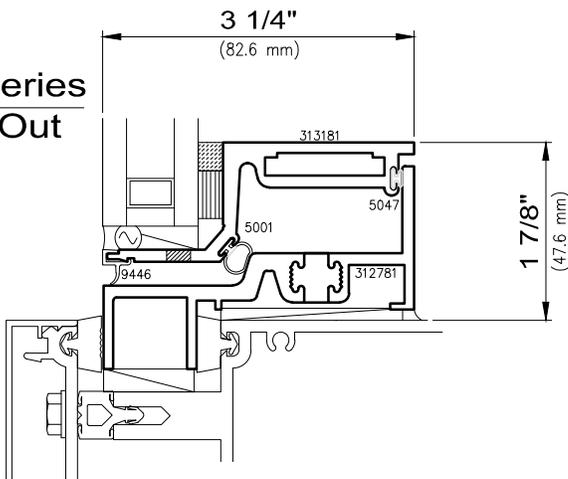
**2250 Series**  
**Project Out**



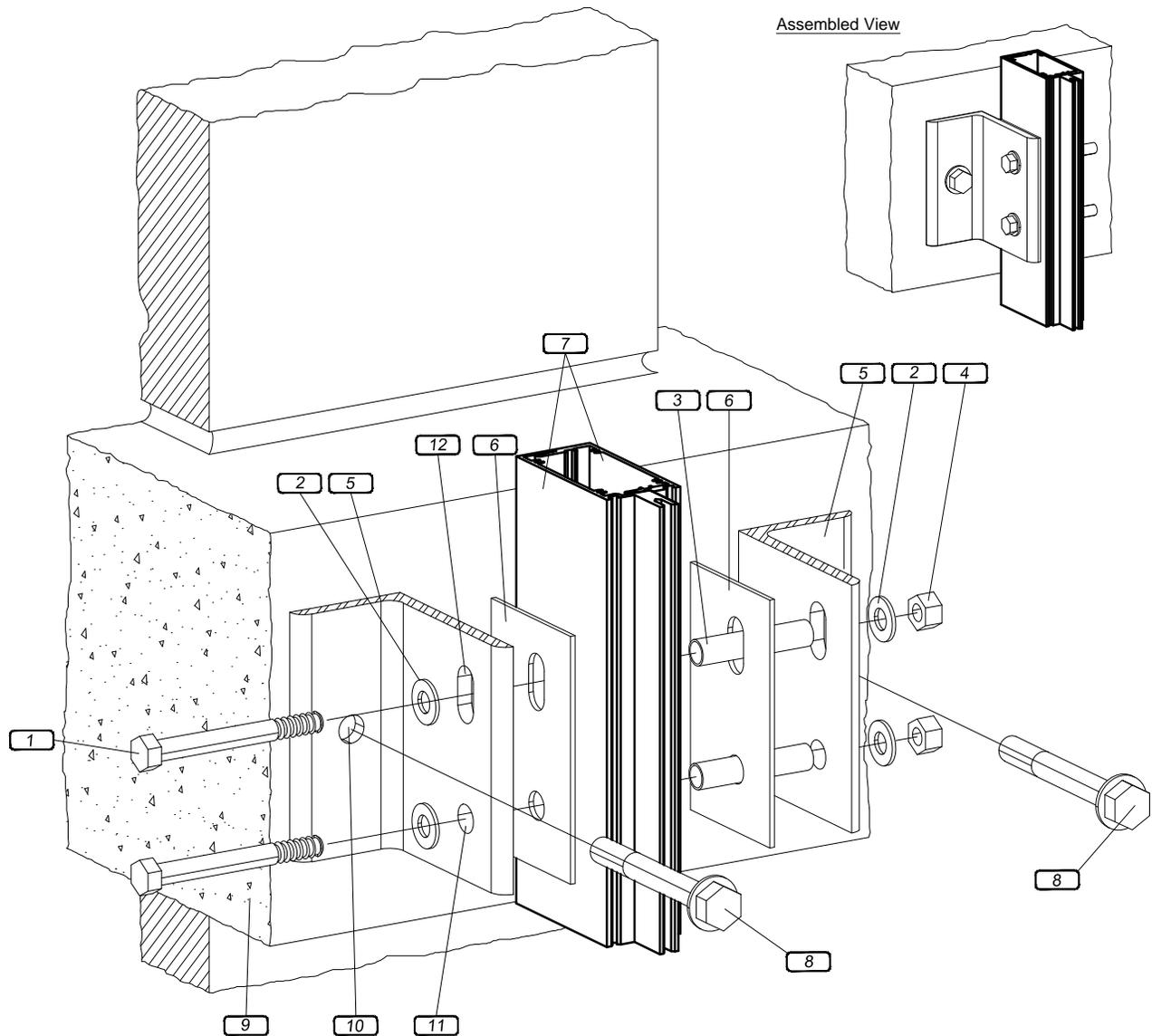
**2250 Series**  
**Project In**

**"Flat Back" Options**

**3250-Z Series**  
**Project Out**



For Other Available Inserts, Reference Zero Sightline Section.



#### Typical Connection

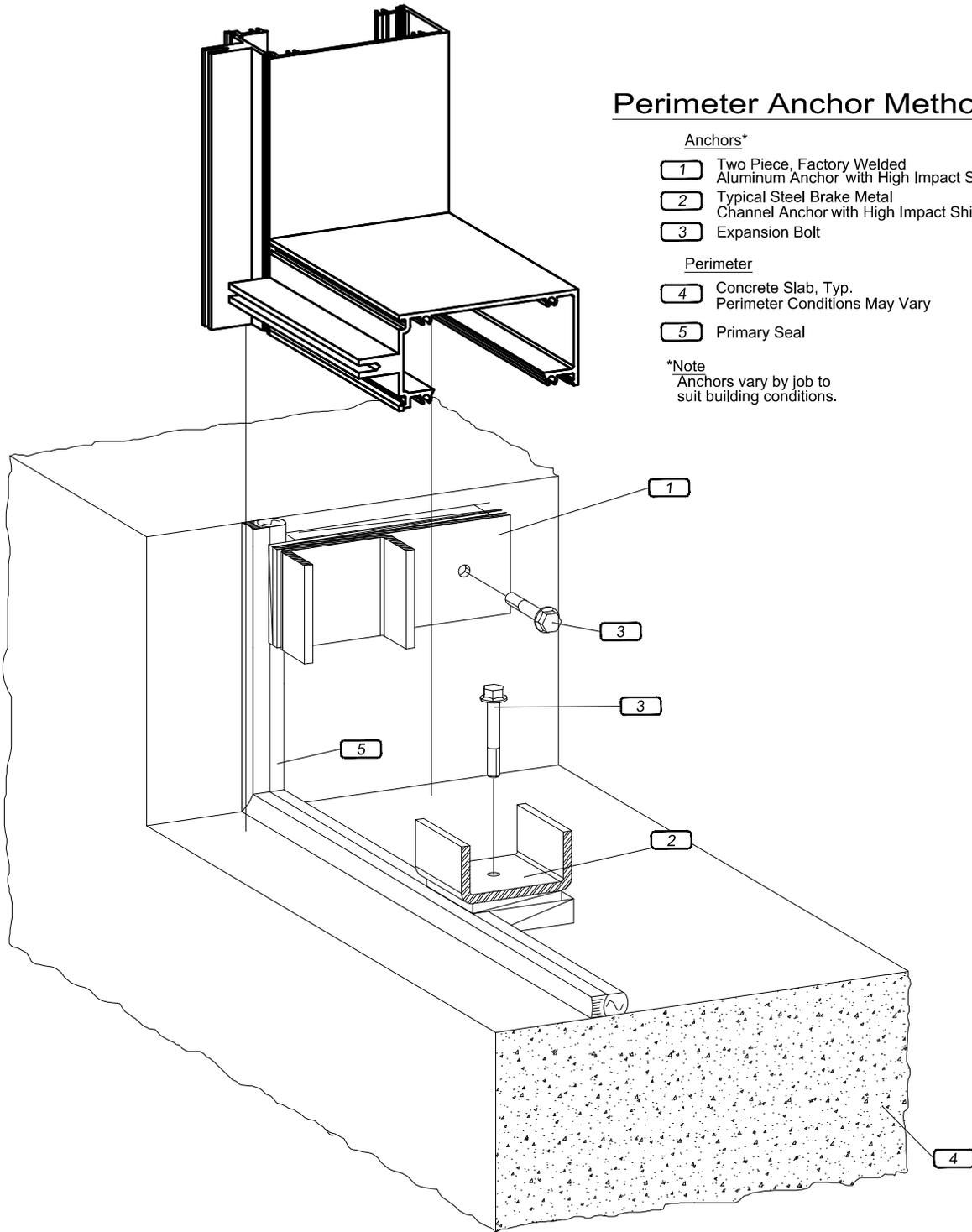
- 1** Bolt \*
- 2** Washer
- 3** Pipe Spacer
- 4** Nut

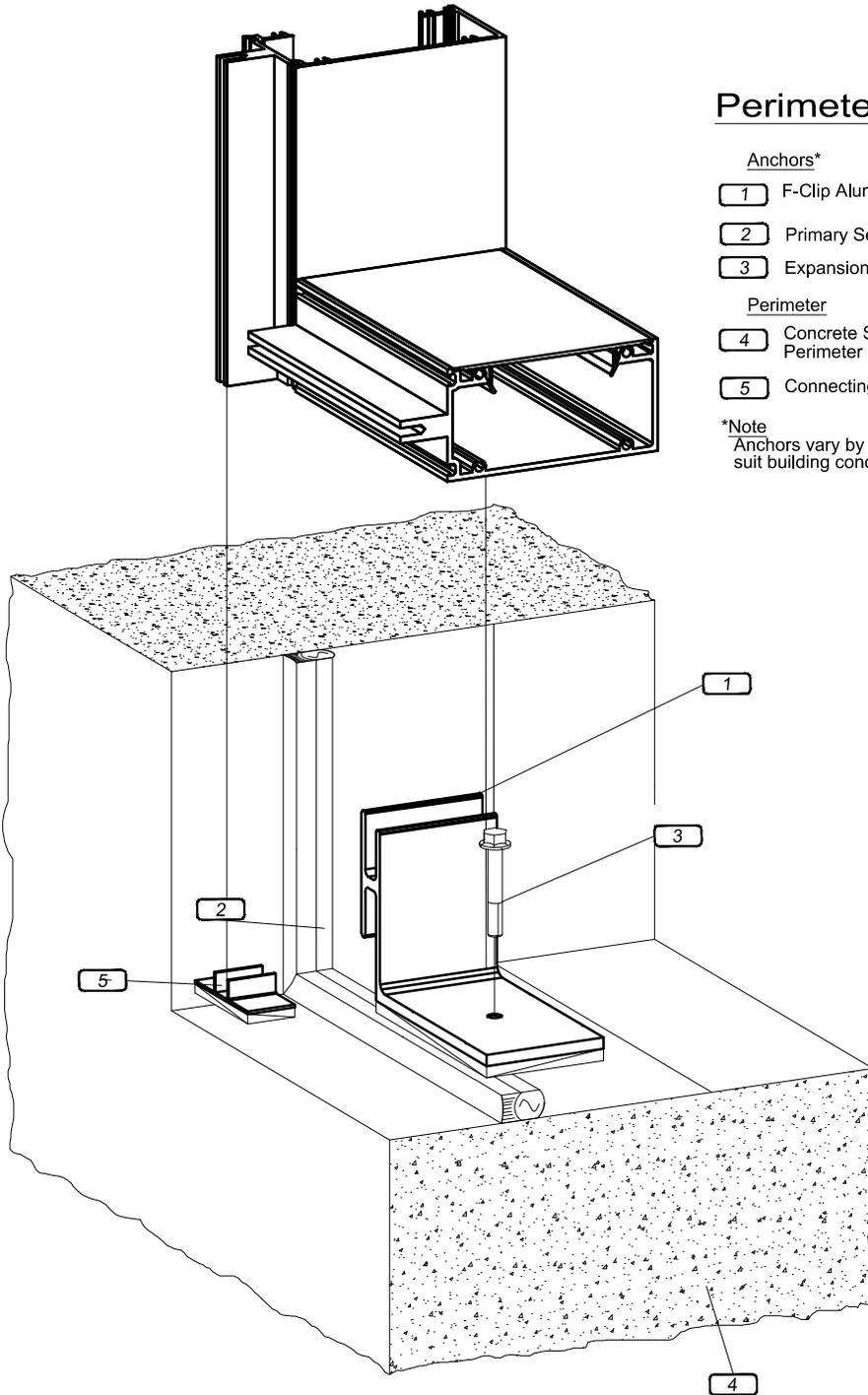
#### Typical Holes

- 5** Steel Angles \*
- 6** 1/8" PVC Plates, Size equals the bearing surface of the anchor.
- 7** Heavy Extruded Aluminum Frame Members
- 8** Expansion Anchor \*
- 9** Concrete Floor Slab Typ.
- 10** Anchorage Hole. (Wausau supplies all holes in steel. Erector to match drill aluminum.)
- 11** Steel To Receive Slots At Live Load
- 12** Steel To Receive Clear Holes At Dead Load

\* Note:  
Steel angle, expansion anchor, and thru bolts vary due to wind loads, slab location, and floor height.

Wausau is providing only those components of perimeter fire and/or smoke containment systems that are identified on these drawings as, "by Wausau." Wausau takes no responsibility for other materials or conditions, or for obtaining necessary engineering judgements and/or approvals.





**Perimeter Anchor Method**

Anchors\*

- 1 F-Clip Aluminum Anchor with High Impact Shim
- 2 Primary Seal
- 3 Expansion Bolt

Perimeter

- 4 Concrete Slab, Typ. Perimeter Conditions May Vary
- 5 Connecting Clip with High Impact Shim

\*Note  
Anchors vary by job to suit building conditions.



**WAUSAU**

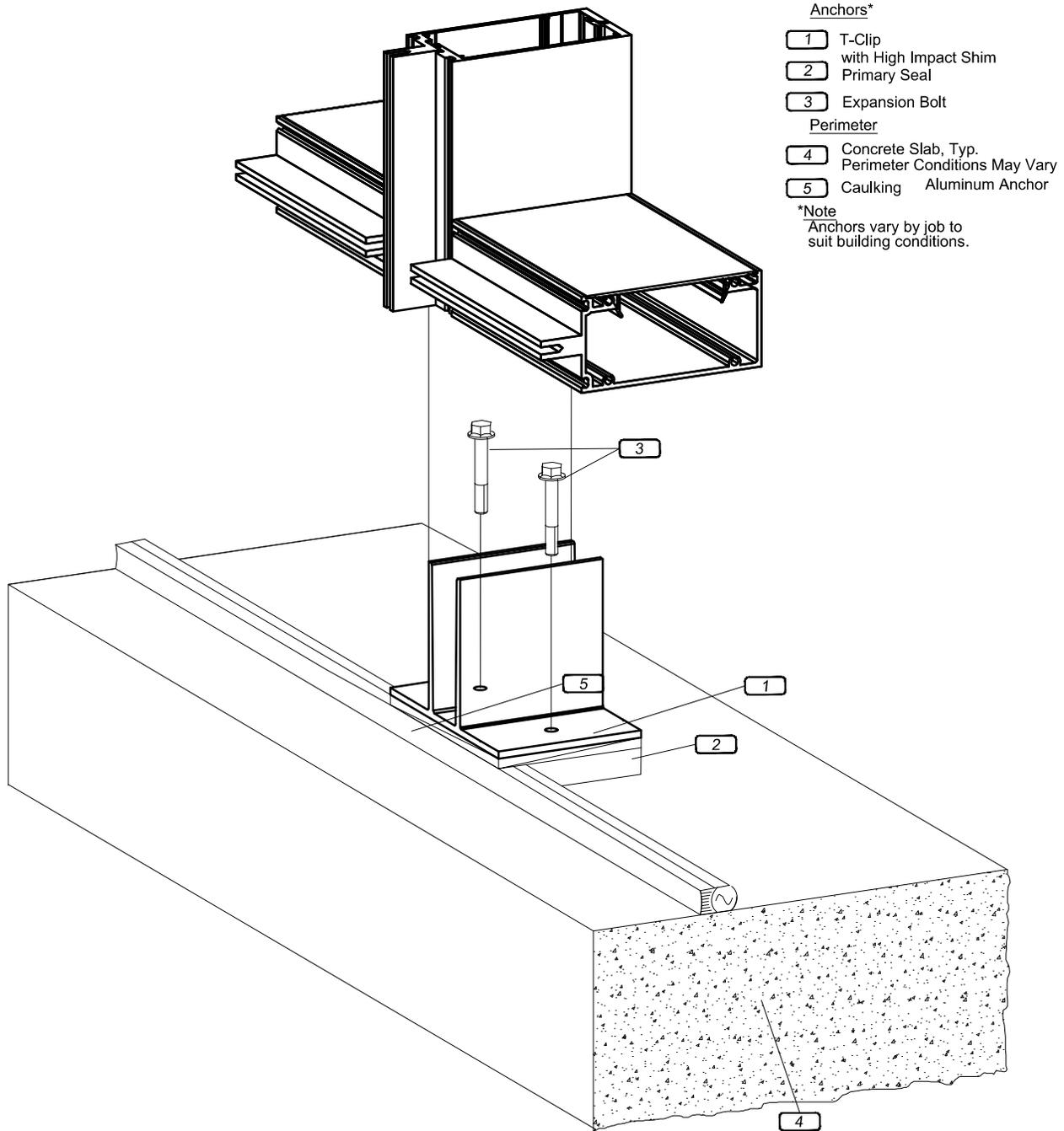
WINDOW AND WALL  
SYSTEMS

Isometric Views

Curtainwall

**SUPERWALL™** Series

### Perimeter Anchor Method





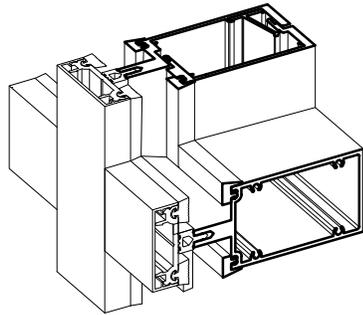
**WAUSAU**

WINDOW AND WALL  
SYSTEMS

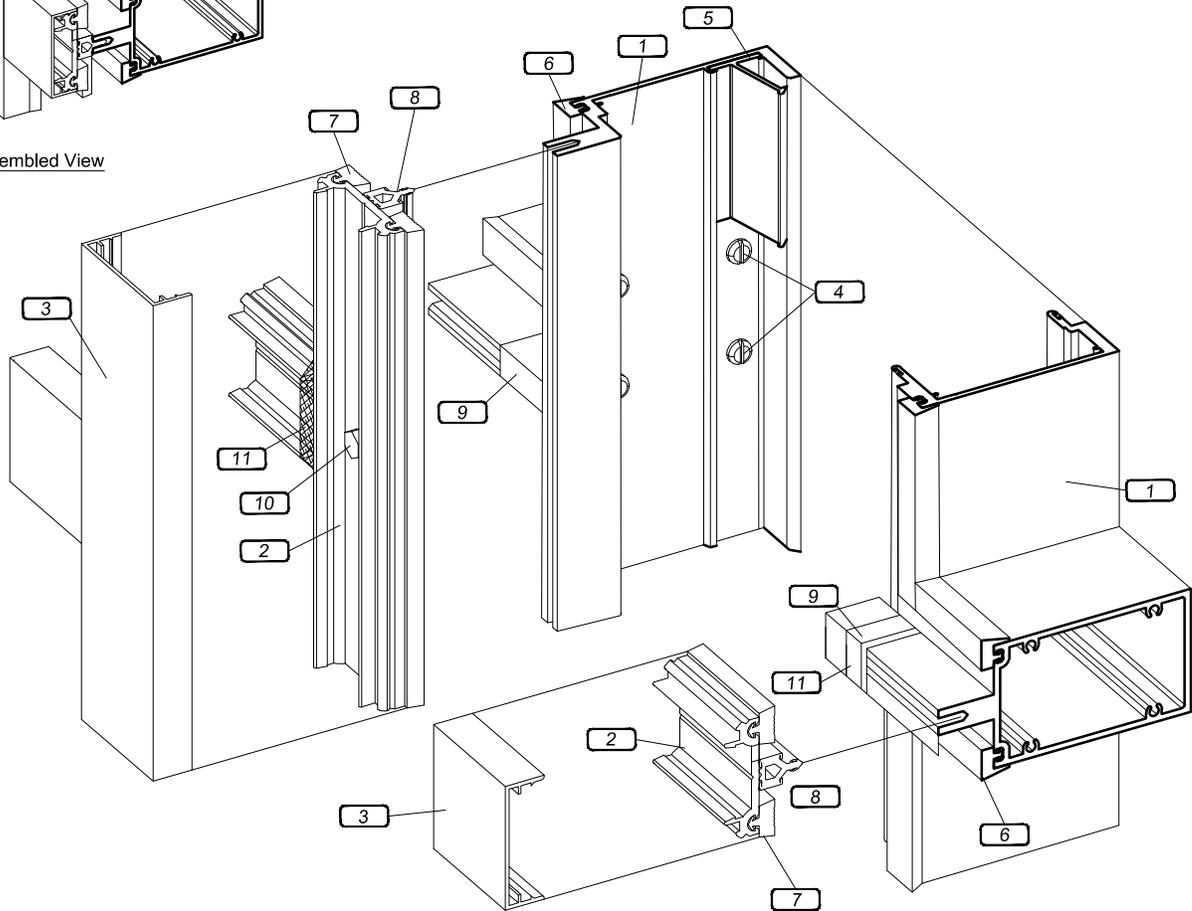
Fabrication, Exploded View

**Curtainwall**

**SUPERWALL™ Series**



Assembled View



- 1 0.125" Thick Extruded Aluminum Frame Members
- 2 Extruded Aluminum Pressure Plate
- 3 Extruded Aluminum Snap-on Cover (Optional Profiles Available)
- 4 Standard Frame Fastener Is 10-14 x 1 1/2" Torx T20 Pan Head Stainless Steel Fastener
- 5 Superwall Anti-Buckle Clip Peen In Place

- 6 Extruded Sponge EPDM Interior Glazing Gasket
- 7 Extruded Dense EPDM Exterior Glazing Gasket
- 8 EPDM Thermal Separator
- 9 Sponge Zone Dams
- 10 #14 x 1" Hex Head Stainless Steel Sheet Metal Screw, Type "A"
- 11 Field Applied Sealant