



# CURTAIN WALLS

## Specifications

Thermally Improved  
• Series 3150

### SECTION 08 44 13 ALUMINUM CURTAIN WALL SYSTEMS

SERIES	FACE WIDTH	BACK MEMBER DEPTH	OVERALL DEPTH	GLAZING INFILL	GLAZING METHOD
3150	2-1/2" (63.5)	4" (101.6)	5-1/4" (133.4)	1/4" (6)	Exterior
		5" (127)	6-1/4" (158.8)		
		8" (203.2)	9-1/4" (235)		
		4" (101.6)	6" (152.4)	1" (25)	
		5" (127)	7" (177.8)		
		8" (203.2)	10" (254)		

#### I. GENERAL DESCRIPTION

**Work Included:** Furnish all necessary materials, labor, and equipment for the complete installation of aluminum framing as shown on the drawings and specified herein. (Specifier Note: It is suggested that related items such as aluminum entrance doors, glass, and sealants be included whenever possible.)

**Work Not Included:** Structural support of the framing system, interior closures, trim. (Specifier list other exclusions).

**Related Work Specified Elsewhere:** (Specifier list).

#### QUALITY ASSURANCE

Drawings and specifications are based on the Series 3150 Curtain Wall System as manufactured by U.S. Aluminum. Whenever substitute products are to be considered, supporting technical literature, samples, drawings, and performance data must be submitted 10 days prior to bid in order to make a valid comparison of the products involved. Test reports certified by an independent test laboratory must be made available upon request.

#### PERFORMANCE REQUIREMENTS

**Air Infiltration:** shall be tested in accordance with ASTM E 283.

Infiltration shall not exceed .06 CFM per square foot (.0003m<sup>3</sup>/sm<sup>2</sup>) fixed area when tested at 6.24 psf (300 Pa).

**Water Infiltration:** shall be tested in accordance with ASTM E 331.

No water penetration at test pressure of 15 psf (718 Pa).

**Structural Performance:** shall be tested in accordance with ASTM E 330 and based on:

- Maximum deflection of L/175 of the span

- Allowable stress with a safety factor of 1.65

The system shall perform to this criteria under a windload of (*Specify*) psf. Stress on structural silicone should not exceed 20 psi (138 KPa.). System shall exceed maximum seismic lateral displacement requirements specified in section 1628.8.2 of the Uniform Building Code, 1994 edition. Upon successful completion of the Phase I seismic testing, the curtain wall shall once again be subjected to and must successfully pass the air and water infiltration tests specified above before proceeding to Phase II testing.

**Testing Procedures:** ASTM 283, E 331, and E 330 - Laboratory performance testing. AAMA 503-08 - Newly installed curtain walls. AAMA 511-08 - Installed curtain walls after six months.

**Thermal Performance:** Series 3150 shall be tested in accordance with AAMA 1503, and NFRC-100.

#### II. PRODUCTS MATERIALS

Extrusions shall be 6063-T5 alloy and temper (ASTM B221 alloy T5 temper). Fasteners, where exposed, shall be aluminum, stainless steel or zinc plated steel in accordance with ASTM A 164. Perimeter anchors shall be aluminum or steel, providing the steel is properly isolated from the aluminum. System shall provide conventional glass support at horizontal and perimeter members and structural silicone support at intermediate verticals. Horizontal members and jamb configurations shall allow for pockets to receive E.P.D.M. elastomeric extruded glazing gaskets. Interior vertical glass spacers shall be extruded silicone compatible E.P.D.M.

All materials that come in contact with the silicone should be tested for compatibility. Samples of aluminum vertical mullions should be submitted to the silicone manufacturer for adhesion evaluation.

#### FINISH

All exposed framing surfaces shall be free of scratches and other serious blemishes. Aluminum extrusions shall be given a caustic etch followed by an anodic oxide treatment to obtain...

(*Specify one of the following*):

- \_\_\_ #11 Clear anodic coating
- \_\_\_ #22 Dark Bronze anodic coating
- \_\_\_ #33 Black anodic coating

A Fluoropolymer paint coating conforming with the requirements of AAMA 2605. Color shall be (*Specify a U.S. Aluminum standard color*).

#### FABRICATION

System shall provide conventional glass support at horizontal and perimeter members and structural silicone support at intermediate verticals. Horizontal members and jambs shall have extruded pressure plates with flexible (PVC) thermal break material. Provisions shall be made at all sealed horizontals to weep moisture accumulations to the exterior. A cover shall be snapped over pressure plate to show only a sharp uninterrupted exterior profile.

System shall accommodate 1/4" (6) or 1" (25) glazing infills and provide for transition from 1" (25) to 1/4" (6) with glass remaining in same exterior plane. Framing system shall provide a flush glazing appearance with no intermediate verticals visible from the outside.

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## Thermally Improved • Series 3150

### SECTION 08 44 13 ALUMINUM CURTAIN WALL SYSTEMS

Horizontal and jamb framing members shall have a nominal width of 2-1/2" (63.5). Overall depth of system shall be (Specify). System shall provide for two piece horizontal framing so that all fasteners at intersection of horizontal and vertical members will be concealed. There shall be no exposed fasteners at perimeter sections.

#### III. EXECUTION INSTALLATION

All glass framing shall be set in correct locations as shown in the details; and shall be level, square, plumb, and in alignment with other work in accordance with the manufacturer's

installation instructions and approved shop drawings. Glass shall be set from outside. Structural silicone shall be applied from inside and silicone weatherseal from outside (after structural silicone has fully cured). Reusable twist-in temporary glass retainers shall be used during structural curing period. Structural silicone must be applied in strict accordance with the silicone manufacturer's instruction for surface preparation, priming, application and curing time. All joints between framing and the building structure shall be sealed in order to secure a watertight installation.

#### PROTECTION AND CLEANING

After installation the General Contractor shall adequately protect exposed portions of aluminum surfaces from damage by grinding and polishing compounds, plaster, lime, acid, cement, or other contaminants. The General Contractor shall be responsible for final cleaning.



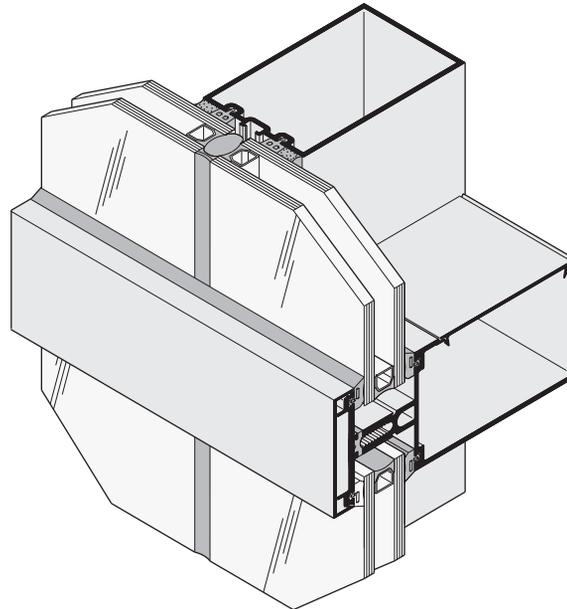
Project: 205 Executive Park, Charlotte, N.C.

# CURTAIN WALLS

## Technical Data

## Thermally Improved • Series 3150

Series 3150 Curtain Wall combines the horizontal members of Series 3250 Curtain Wall with Structural Silicone Glazed Vertical Mullions. Narrow 3/8" (9.5) wide silicone joints and vertical mullions hidden behind the glass create the appearance of a glass wall with horizontal feature strips.



**SERIES 3150**  
Structural Silicone Vertical  
Glazed Curtain Wall

SERIES	WIDTH	DEPTH	GLAZING INFILL	APPLICATIONS
3150	2-1/2" (63.5)	5-1/4" (133.4) 6-1/4" (158.8) 9-1/4" (235)	1/4" (6)	Low-Rise to Mid-Rise Buildings Where Total Glass Appearance is Required.
	2-1/2" (63.5)	6" (152.4) 7" (177.8) 10" (254)	1" (25) and/or 1/4" (6)	

For custom size and profile extrusions please visit [usalum.com](http://usalum.com).

GLASS SIZES*	
For Glass Height	= Daylight Opening + 1" (25.4)
For Glass Width	= Daylight Opening + Glass Bites (see details)

\* These formulae do not take into account glass tolerances. Consult glass manufacturer before ordering glass.

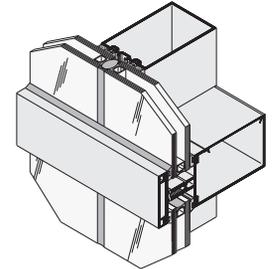
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Online [crlaurence.com](http://crlaurence.com) By Phone (800) 421-6144 Ext. 5305

**Special Features**

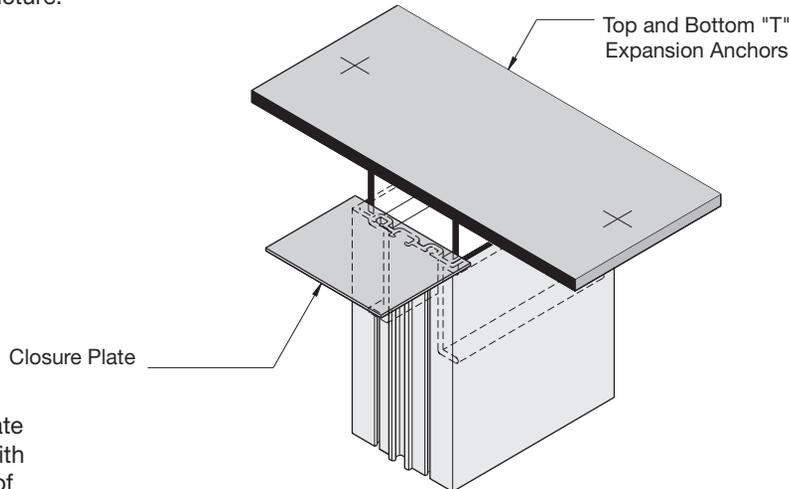
**Thermally Improved**  
 • Series 3150

Install Injection Molded Closure Plates at top and bottom of verticals to ensure a continuous perimeter seal.

Slide top and bottom "T" Anchors into vertical members. Install verticals plumb and level. Secure top and bottom "T" Anchors to structure.

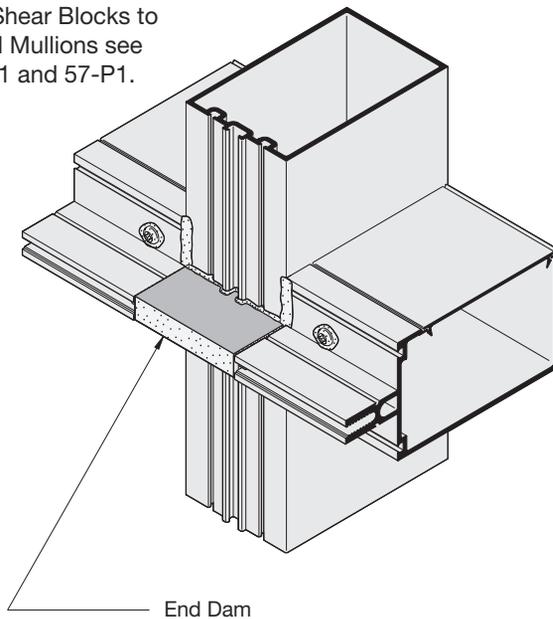


Structural Silicone Vertical Glazed Curtain Wall

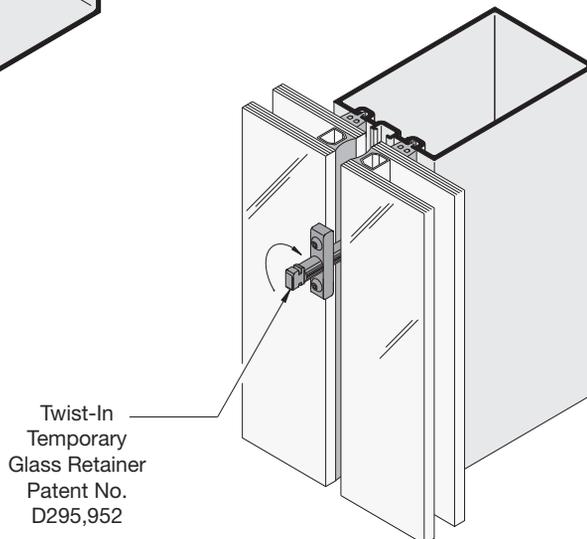


**NOTE:** To accelerate installation times with pinpoint accuracy of Horizontal Shear Blocks to Curtain Wall Mullions see pages 56-P1 and 57-P1.

Injected Molded End Dams are for controlling any infiltrated water. Apply sealant to three contact sides of End Dams and slide between vertical and horizontal joints as shown.



Twist-In Temporary Glass Retainers are used to support the glass until the structural silicone has fully cured in accordance with silicone manufacturer's recommendations. The Retainers are reusable.

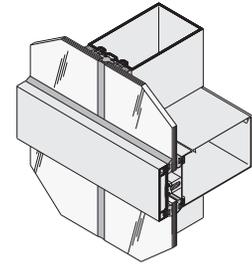
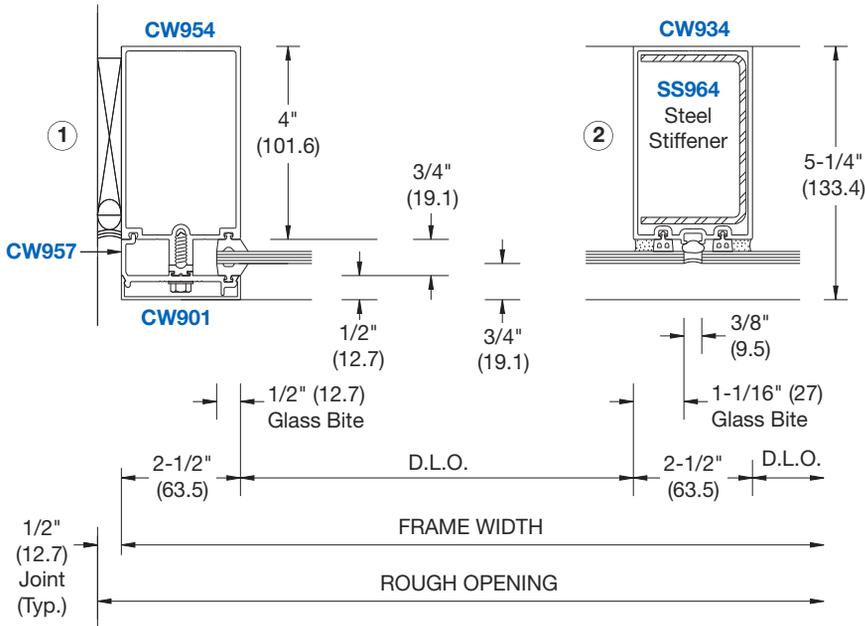


# CURTAIN WALLS

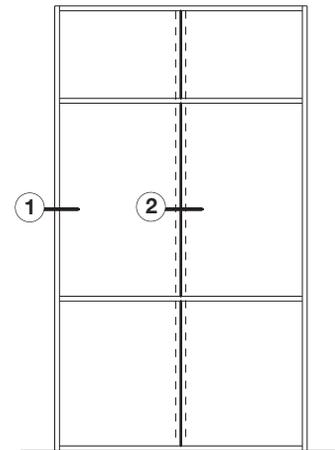
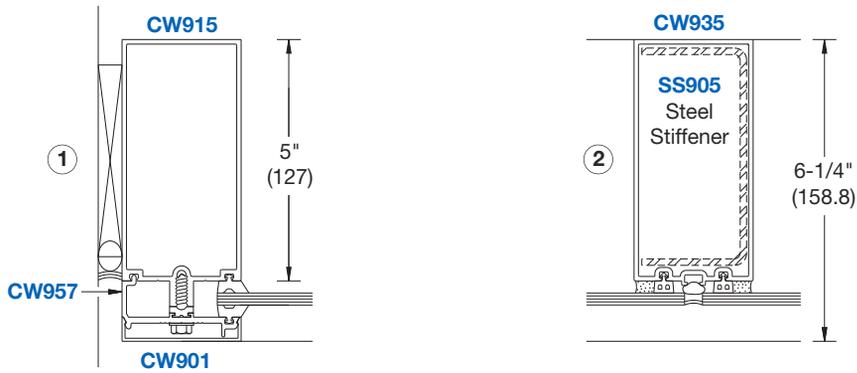
## Typical Details

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• Series 3150

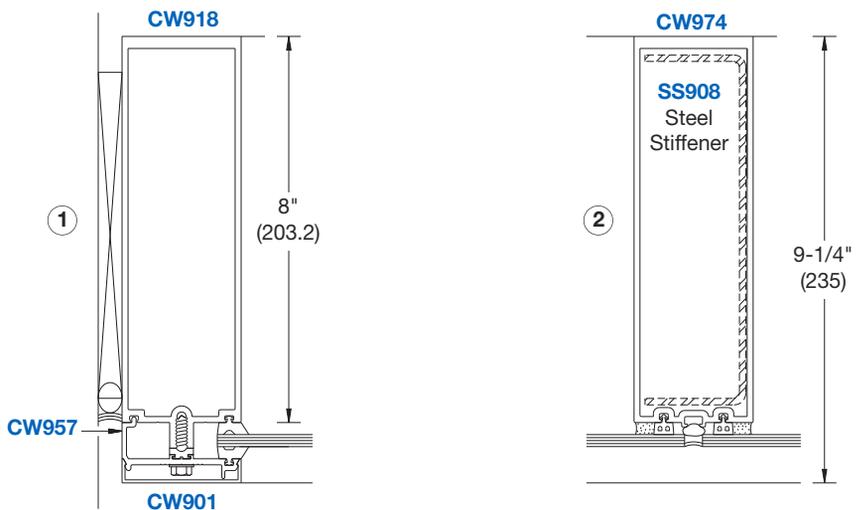
### VERTICAL MULLIONS FOR 1/4" (6) GLAZING



Structural Silicone Vertical Glazed Curtain Wall



TYPICAL ELEVATION



**NOTE:** Part numbers shown are available in 24' (7.3 m) stock lengths. Visit [usalum.com](http://usalum.com) for more information.

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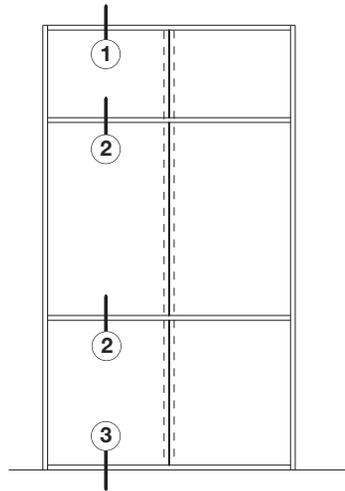
# CURTAIN WALLS

## Typical Details

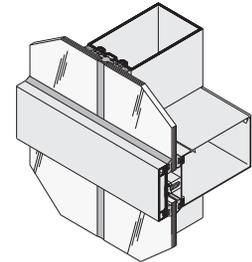
## Thermally Improved • Series 3150

### OPEN BACK HORIZONTAL MULLIONS FOR 1/4" (6) GLAZING

**NOTE:** Part numbers shown are available in 24' (7.3 m) stock lengths. Visit [usalum.com](http://usalum.com) for more information.

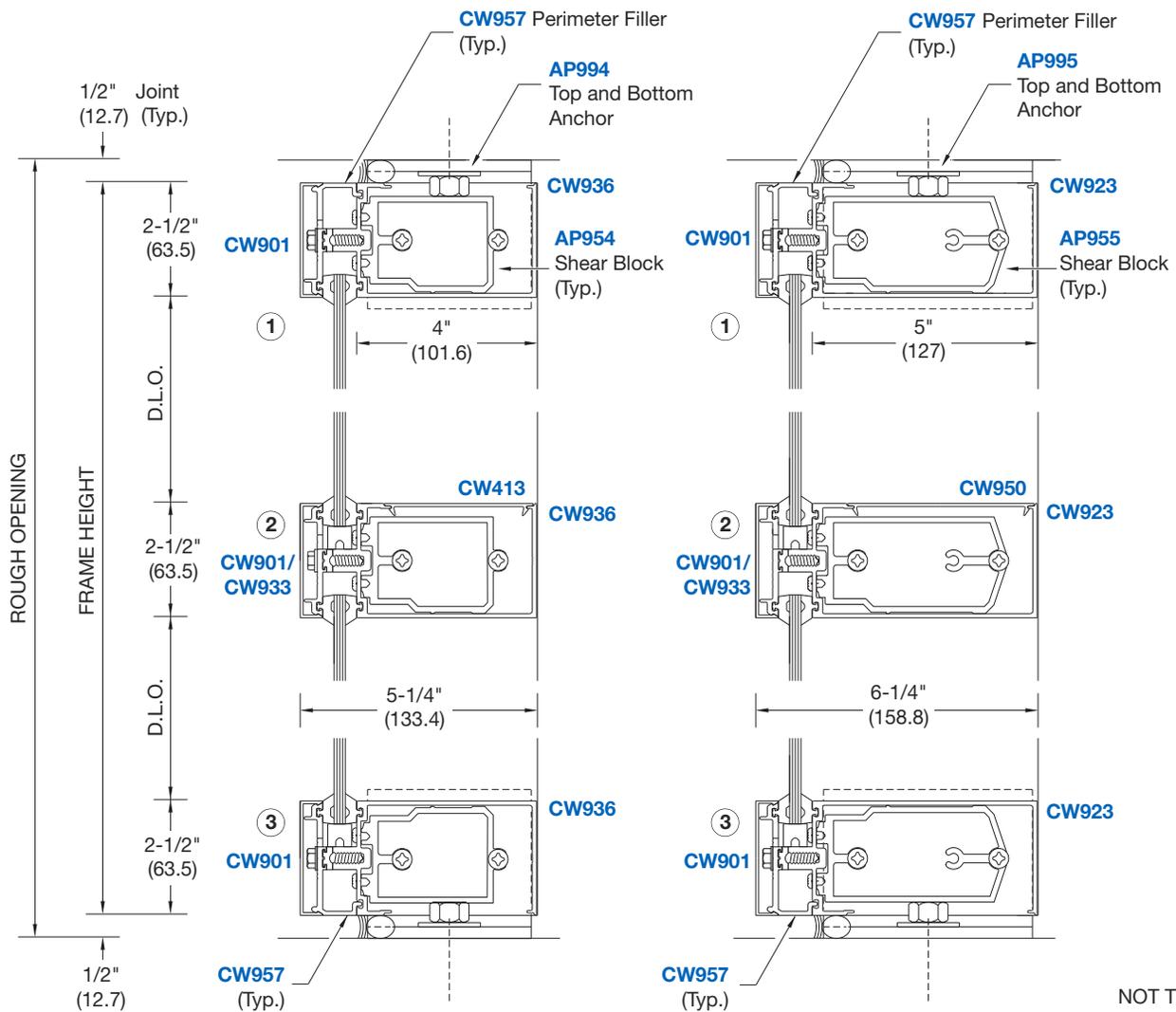


TYPICAL ELEVATION



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**NOTE:** Open back-side of top and intermediate horizontals are **always up** as shown. The open back is down at the sill only.



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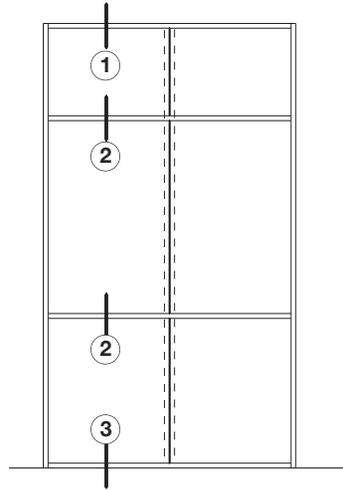
# CURTAIN WALLS

## Typical Details

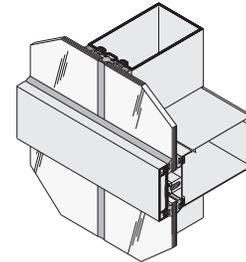
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### TUBULAR HORIZONTAL MULLIONS FOR 1/4" (6) GLAZING

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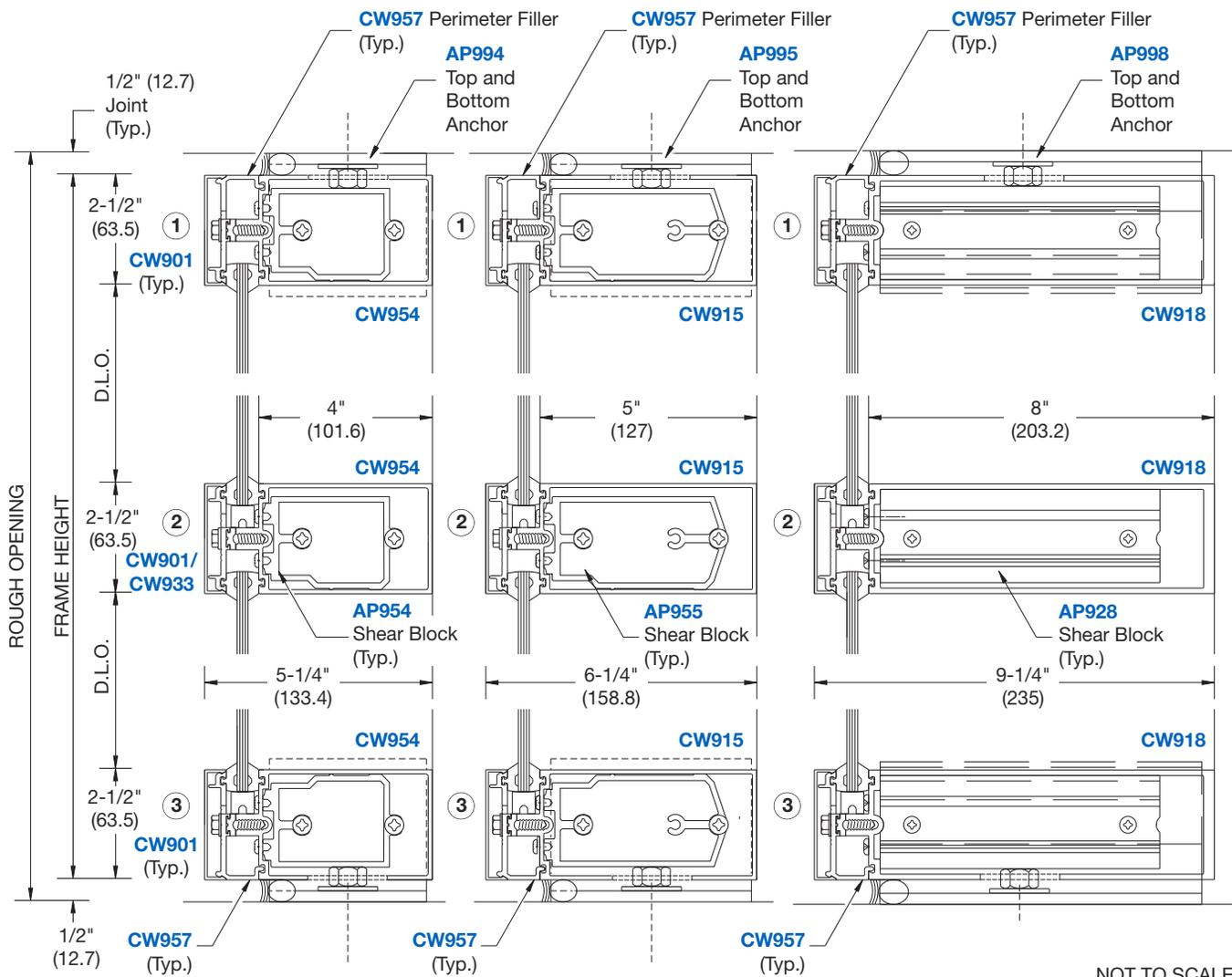


TYPICAL ELEVATION



Structural Silicone Vertical Glazed Curtain Wall

**NOTE:** Tubular Horizontals Must Be Used When Span Exceeds 6'0" (1.83m) or if Deadload Exceeds 250 lbs. (113.4 Kg)



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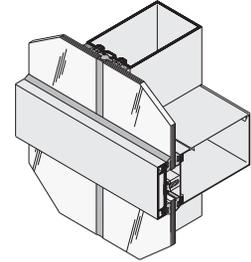
**Typical Details**

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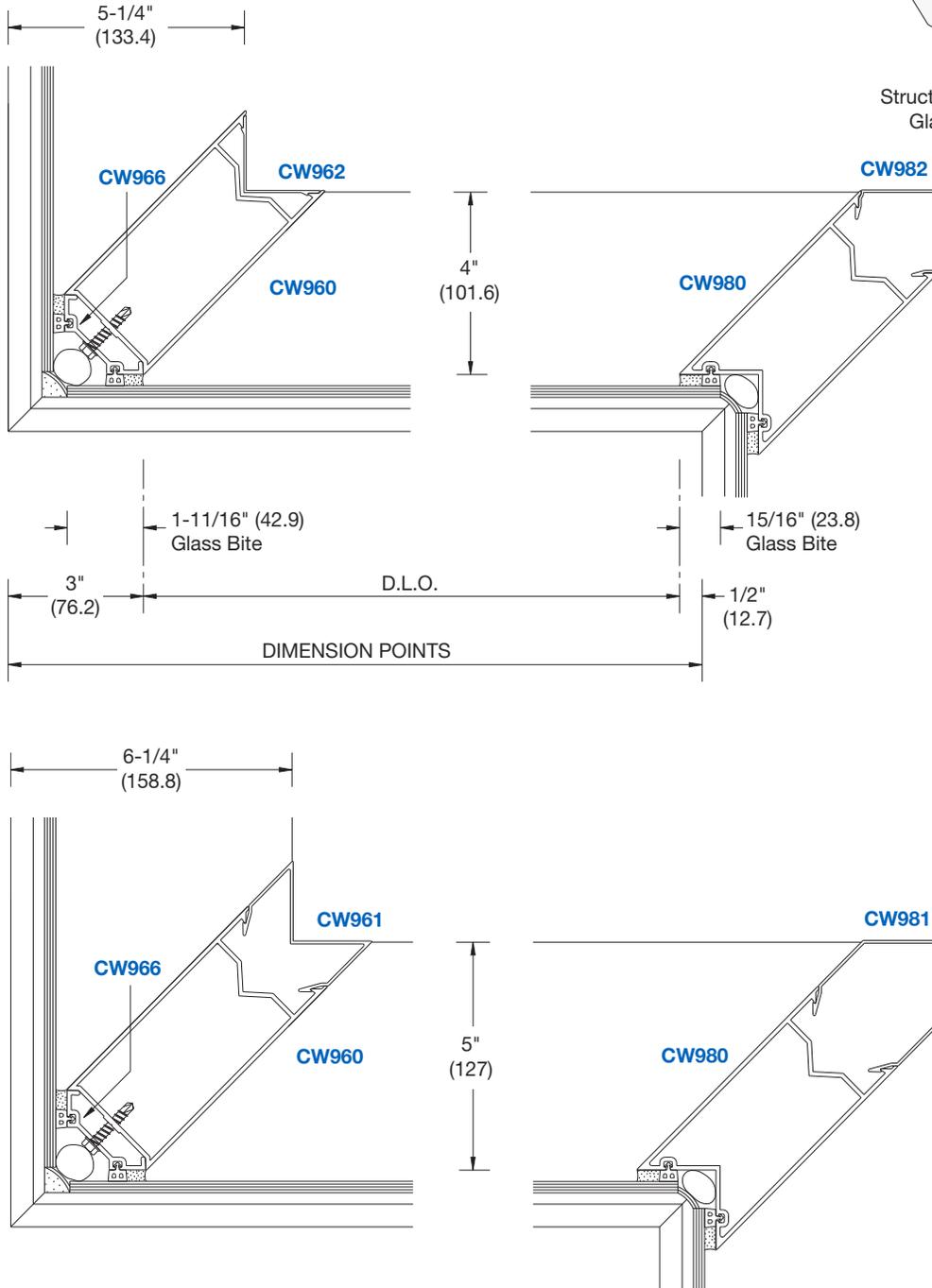
**STRUCTURAL SILICONE 90 DEGREE CORNER  
CONDITIONS FOR 1/4" (6) GLAZING**

NOTE: Not Available for 8" (203.2) Back Members

NOTE: Part numbers shown are available in 24' (7.3 m) stock lengths. Visit [usalum.com](http://usalum.com) for more information.



Structural Silicone Vertical Glazed Curtain Wall



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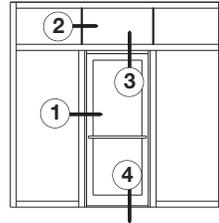
# CURTAIN WALLS

## Typical Details

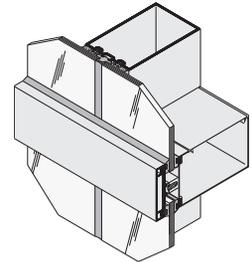
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### DOOR FRAMING - 1/4" (6) GLAZING

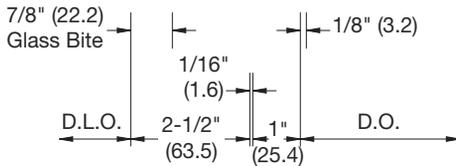
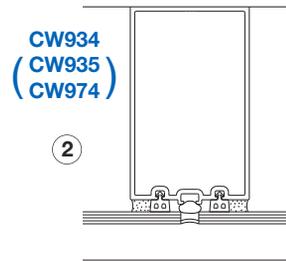
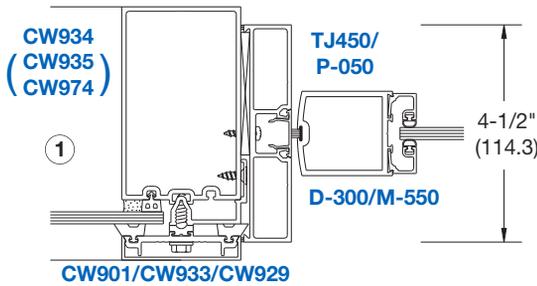
**NOTE:** Door Frames are available in stock to accommodate 36" x 84" (914 x 2134) and 72" x 84" (1829 x 2134) door openings. Visit [usalum.com](http://usalum.com) for more information.



CENTER HUNG DOOR



Structural Silicone Vertical Glazed Curtain Wall



CW901/  
CW933/  
CW916

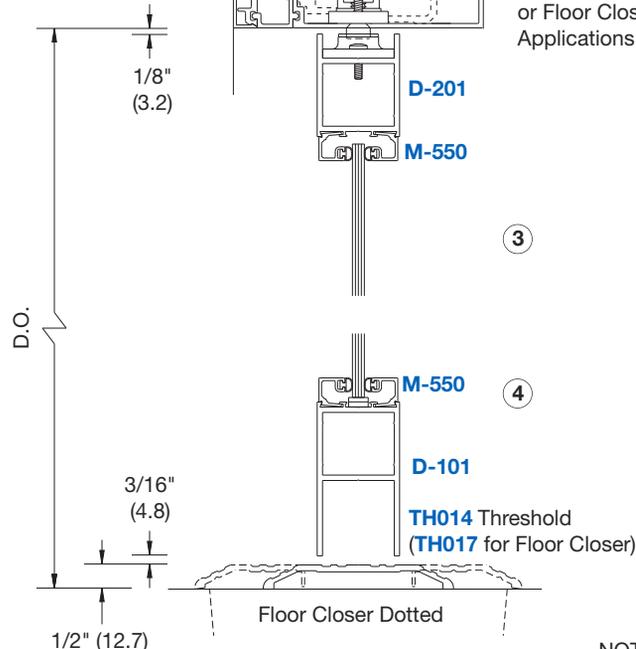
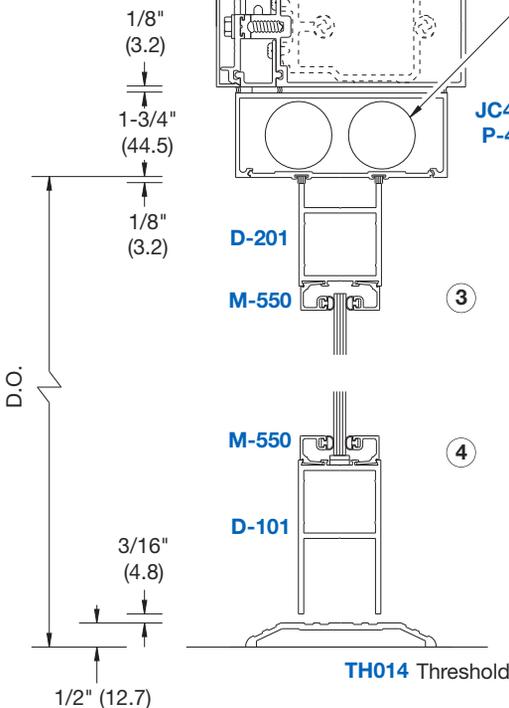
CW936/CW413  
(CW923/CW950  
CW918)

20101M17  
Center Hung  
Adjustable Closer  
105° N.H.O.

CW901/  
CW933/  
CW916

CW954  
(CW915/CW918)

Top Portion of  
Center Pivot for  
Surface Mounted  
or Floor Closer  
Applications



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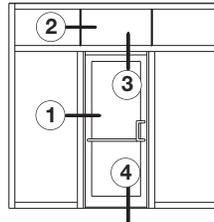
# CURTAIN WALLS

## Typical Details

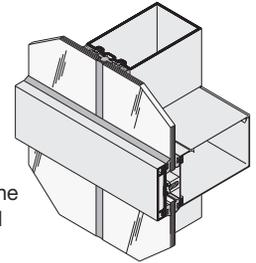
### DOOR FRAMING - 1/4" (6) GLAZING

**NOTE:** Door Frames are available in stock to accommodate 36" x 84" (914 x 2134) and 72" x 84" (1829 x 2134) door openings. Visit [usalum.com](http://usalum.com) for more information.

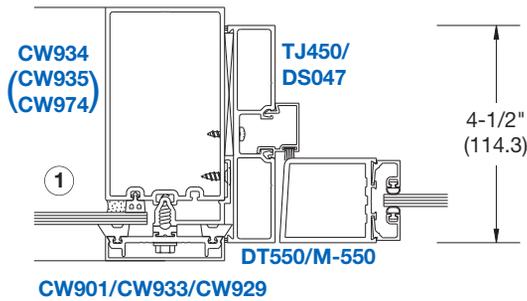
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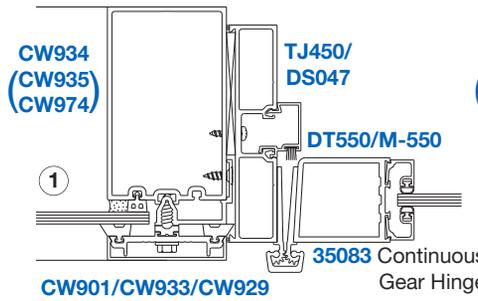
OFFSET HUNG DOOR



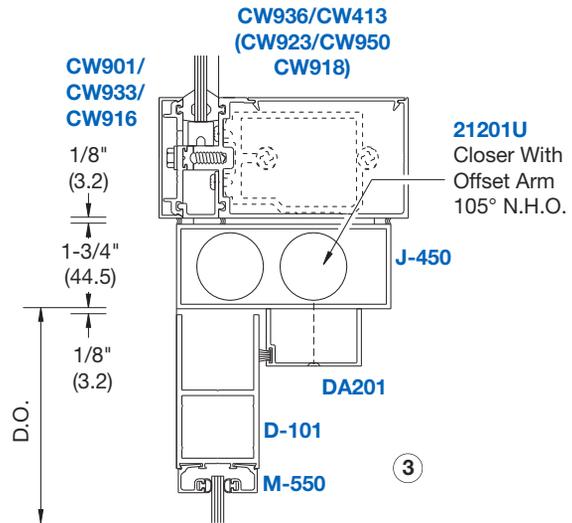
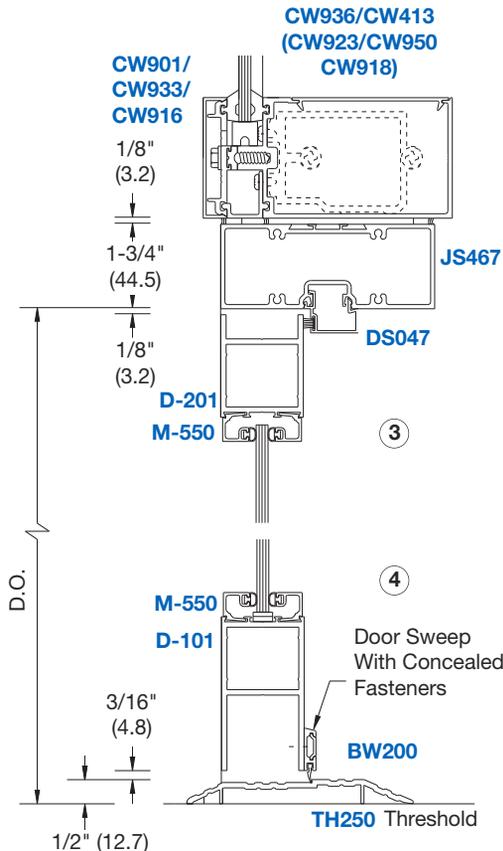
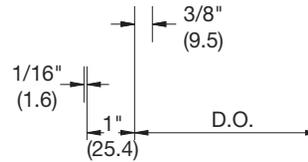
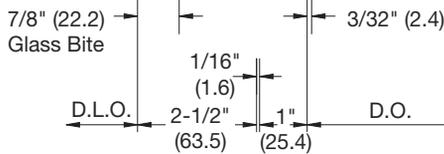
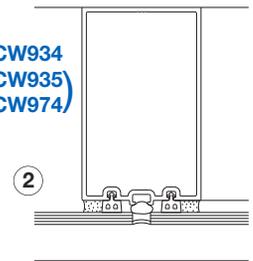
Structural Silicone Vertical Glazed Curtain Wall



CW901/CW933/CW929



CW901/CW933/CW929



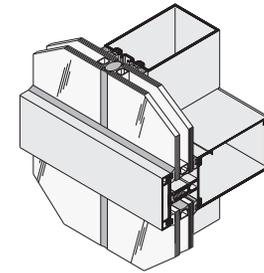
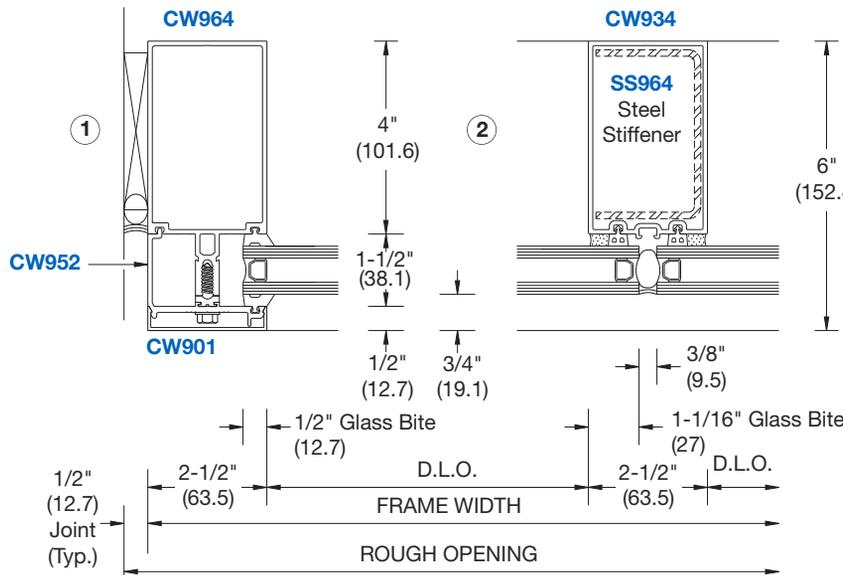
NOT TO SCALE

# CURTAIN WALLS

## Typical Details

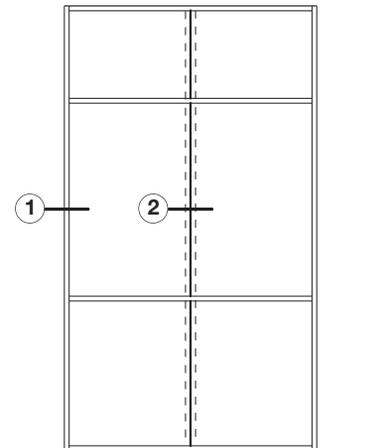
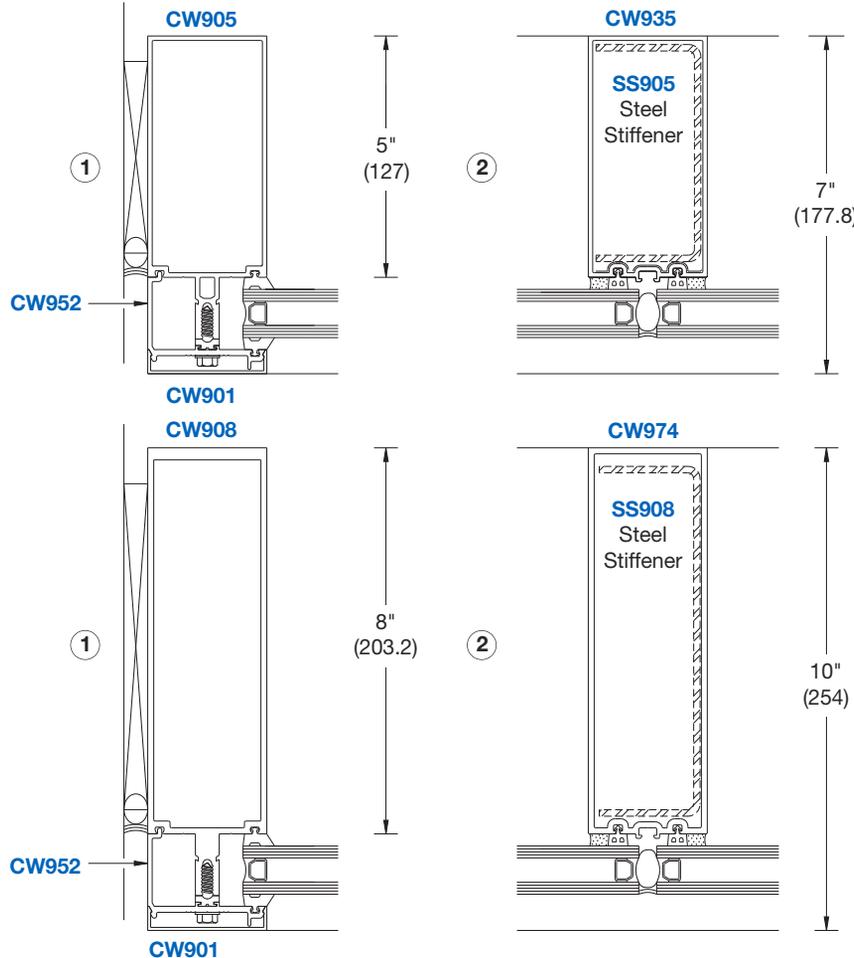
**Thermally Improved**  
• Series 3150

### VERTICAL MULLIONS FOR 1" (25) GLAZING



Structural Silicone Vertical Glazed Curtain Wall

**NOTE:** Part numbers shown are available in 24' (7.3 m) stock lengths. Visit [usalum.com](http://usalum.com) for more information.



TYPICAL ELEVATION

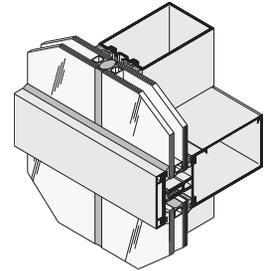
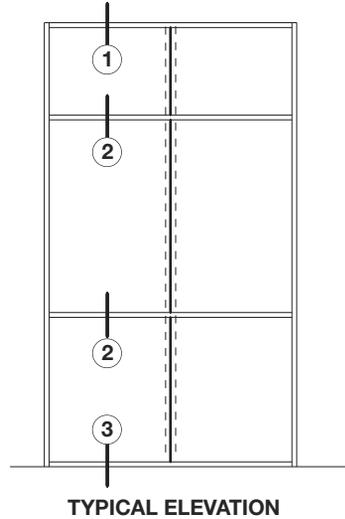
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**Typical Details**

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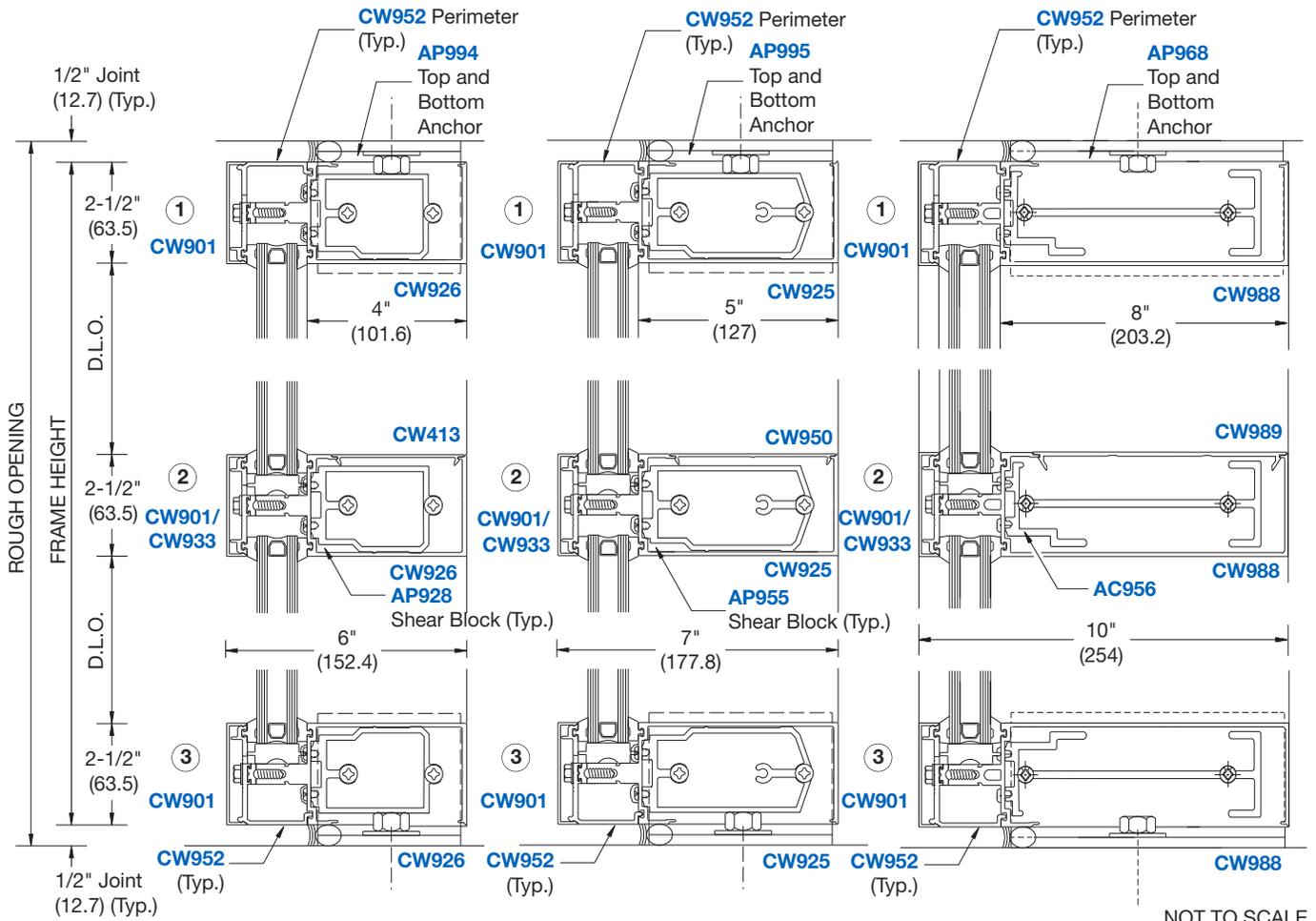
**OPEN BACK HORIZONTAL MULLIONS FOR 1" (25) GLAZING**

**NOTE:** Part numbers shown are available in 24' (7.3 m) stock lengths. Visit [usalum.com](http://usalum.com) for more information.



Structural Silicone Vertical Glazed Curtain Wall

**NOTE:** Open Back Side of Top and Intermediate Horizontals are Always Up as Shown. The Open Back is Down at the Sill Only.



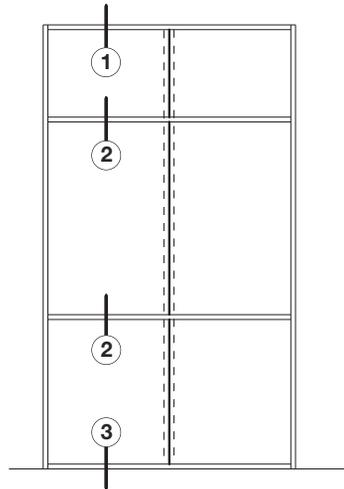
# CURTAIN WALLS

## Typical Details

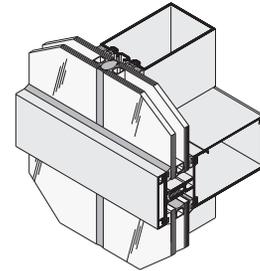
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### TUBULAR HORIZONTAL MULLIONS FOR 1" (25) GLAZING

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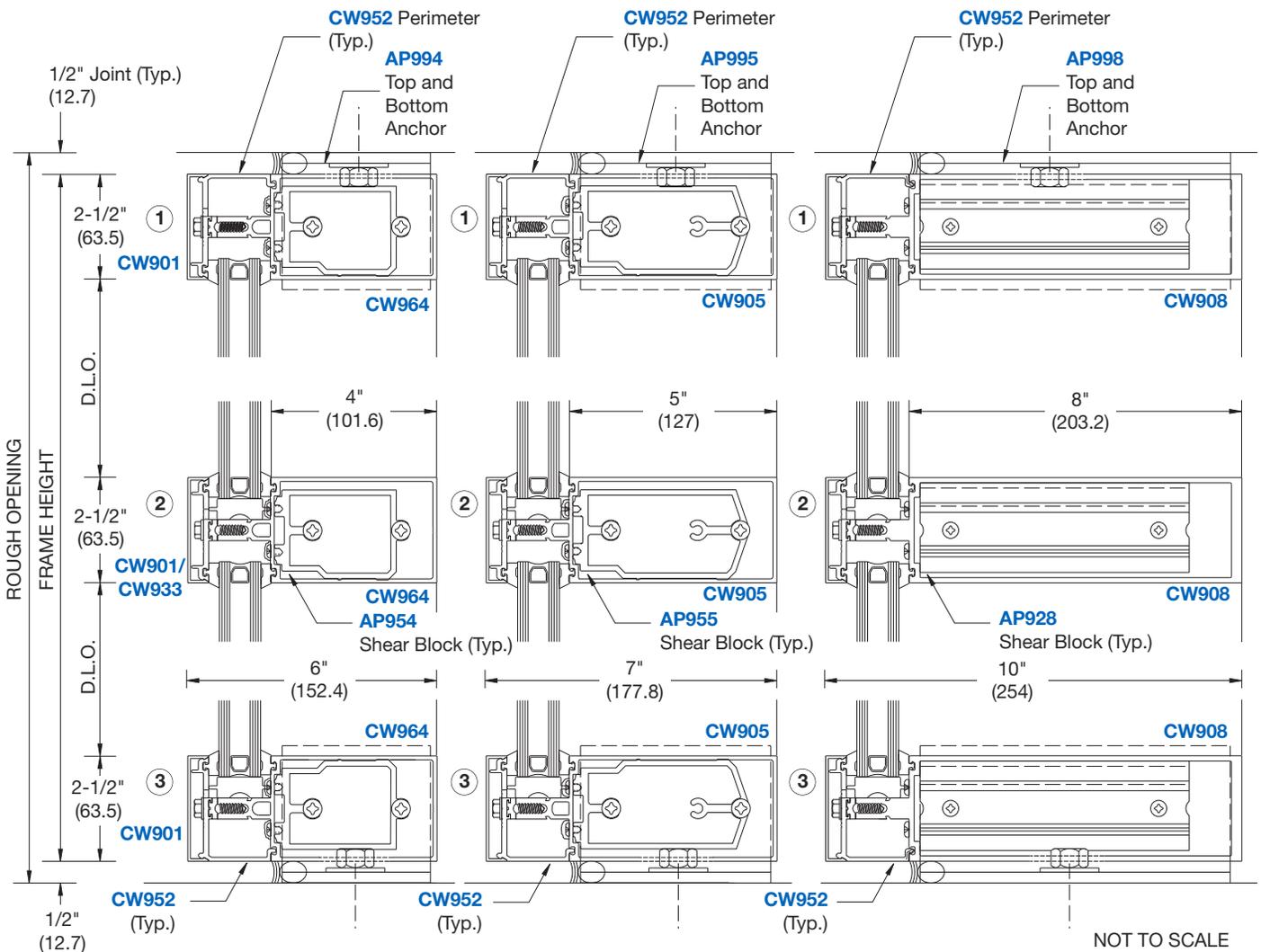


TYPICAL ELEVATION



Structural Silicone Vertical Glazed Curtain Wall

**NOTE:** Tubular Horizontals Must be Used When Span Exceeds 6'-0" (1.83 m) or if Deadload Exceeds 250 lbs. (113.4 Kg)



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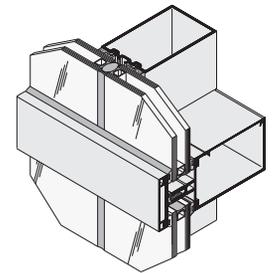
**Typical Details**

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• Series 3150

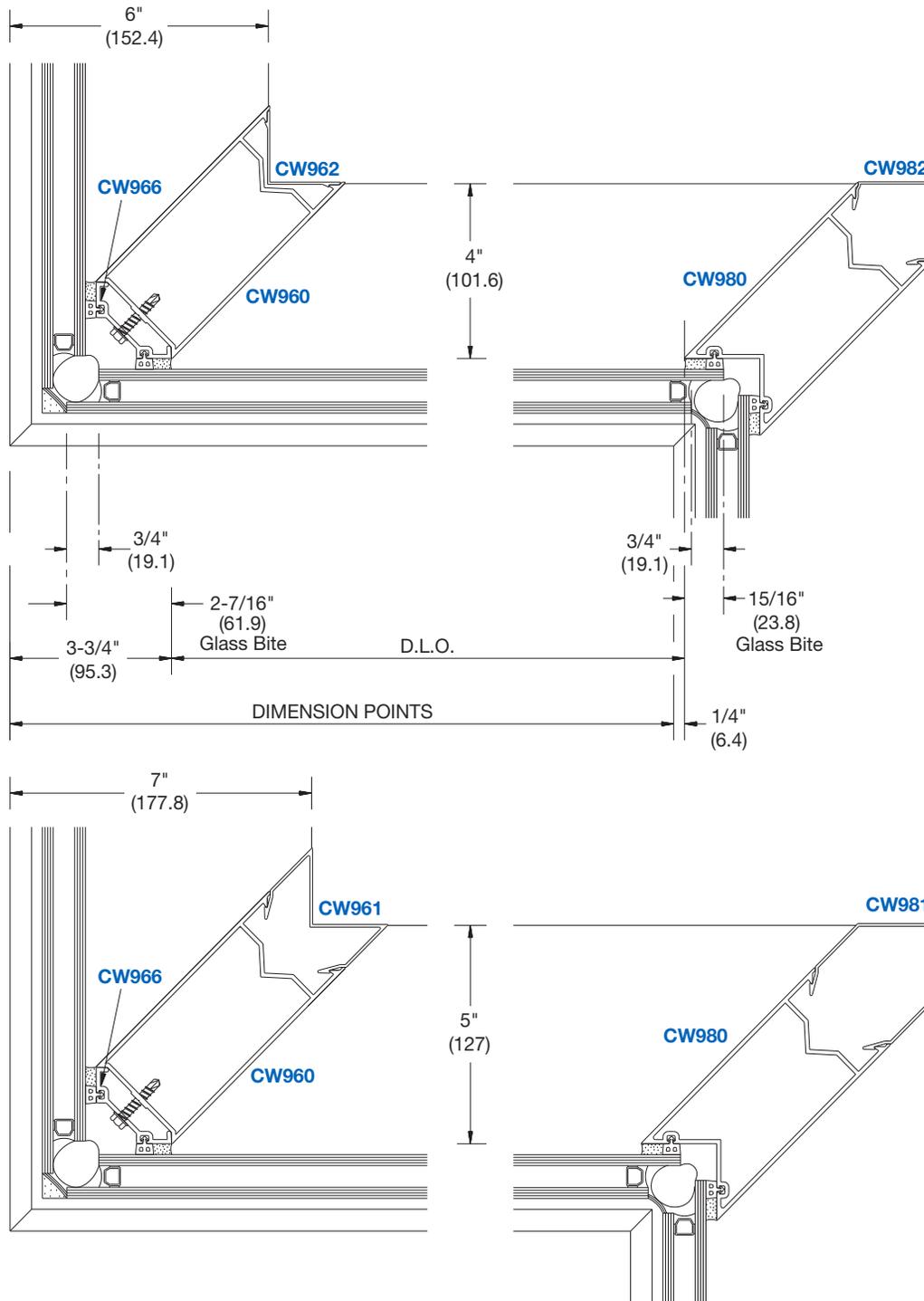
**STRUCTURAL SILICONE 90 DEGREE CORNER  
CONDITIONS FOR 1" (25) GLAZING**

NOTE: Not Available for 8" (203.2) Back Members

NOTE: Part numbers shown are available in 24' (7.3 m) stock lengths. Visit [usalum.com](http://usalum.com) for more information.



Structural Silicone Vertical Glazed Curtain Wall



NOT TO SCALE

# CURTAIN WALLS

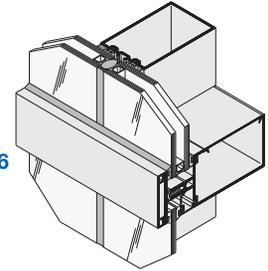
## Typical Details

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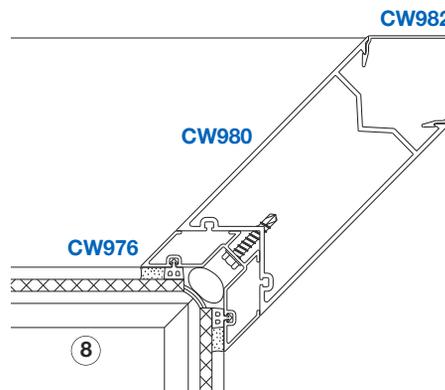
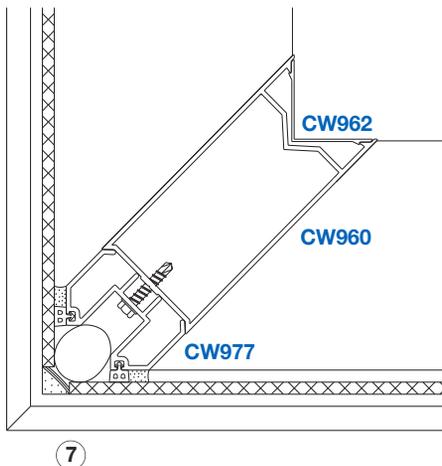
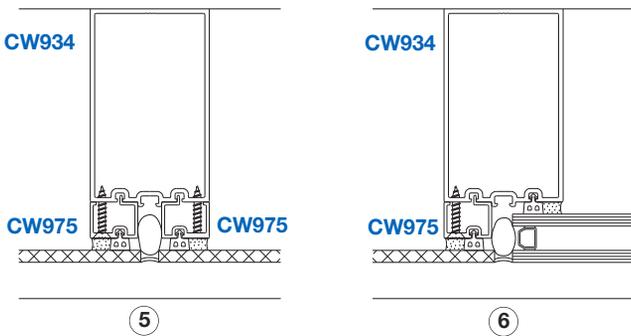
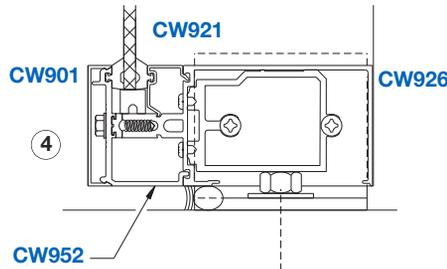
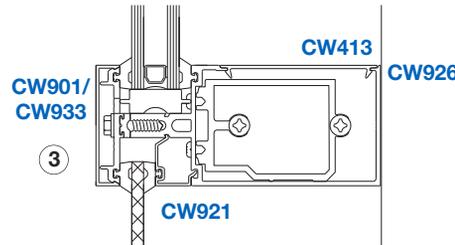
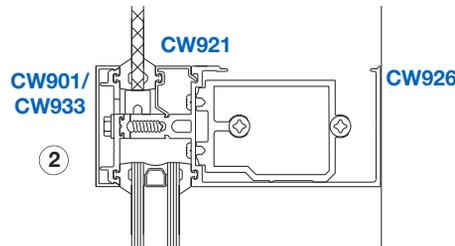
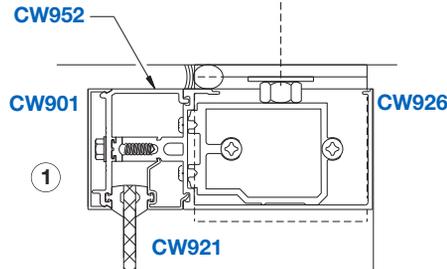
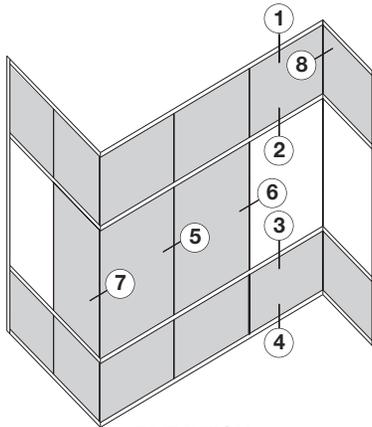
### 1" (25) TO 1/4" (6) TRANSITION GLAZING

**NOTE:** 4" (101.6) Back Members Shown;  
5" (127) and 8" (203.2) Members Similar.  
Corner Members are Not Available for  
8" (203.2) Back Members

**NOTE:** Part numbers shown are  
available in 24' (7.3 m) stock lengths.  
Visit [usalum.com](http://usalum.com) for more information.



Structural Silicone Vertical  
Glazed Curtain Wall



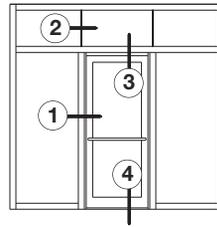
NOT TO SCALE

## Typical Details

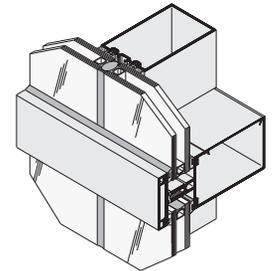
## Thermally Improved • Series 3150

### DOOR FRAMING - 1" (25) GLAZING

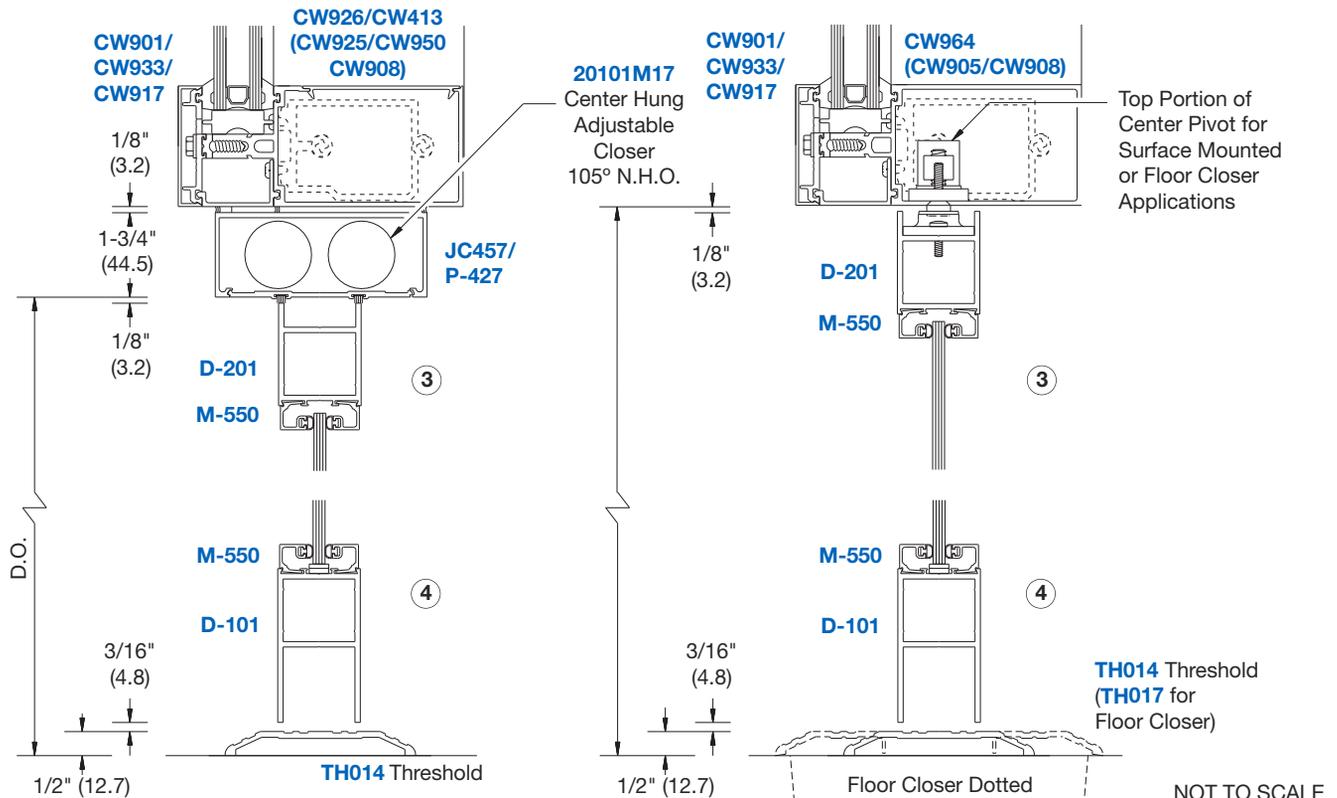
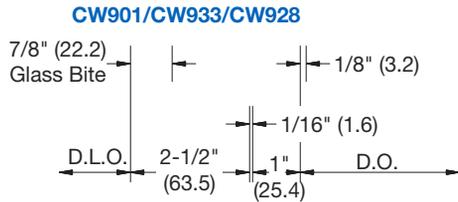
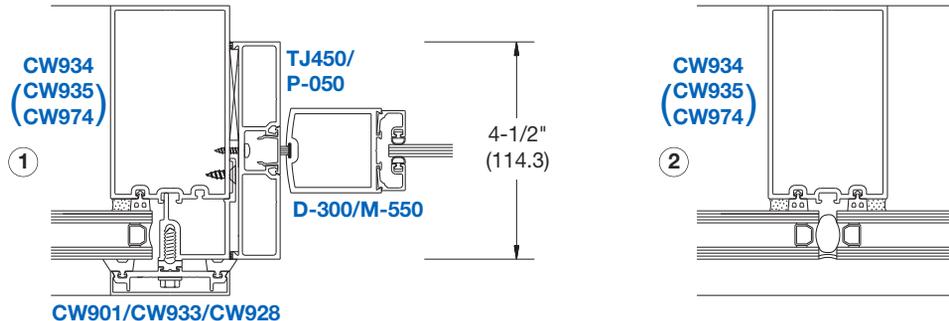
**NOTE:** Door Frames are available in stock to accommodate 36" x 84" (914 x 2134) and 72" x 84" (1829 x 2134) door openings. Visit [usalum.com](http://usalum.com) for more information.



CENTER HUNG DOOR



Structural Silicone Vertical Glazed Curtain Wall



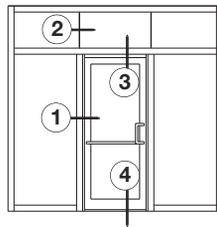
# CURTAIN WALLS

## Typical Details

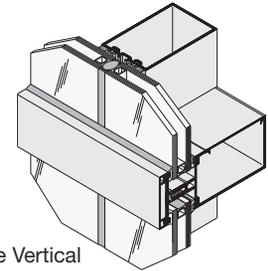
## Thermally Improved • Series 3150

### DOOR FRAMING - 1" (25) GLAZING

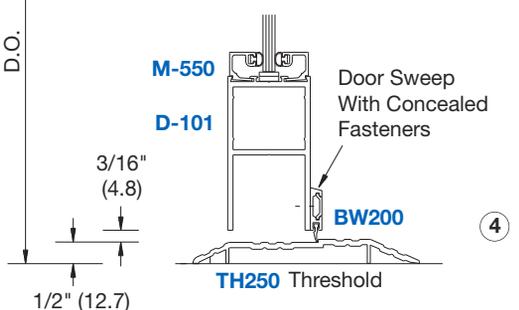
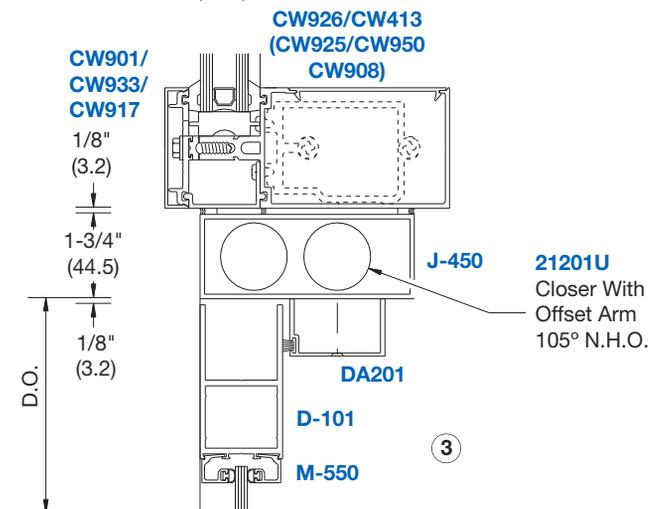
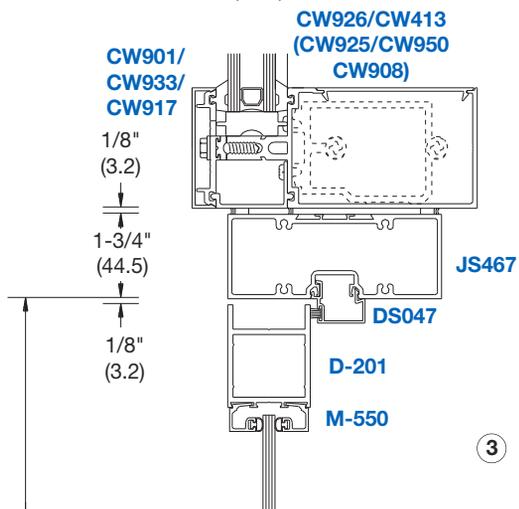
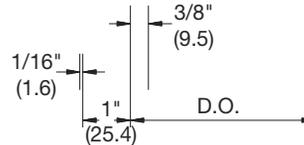
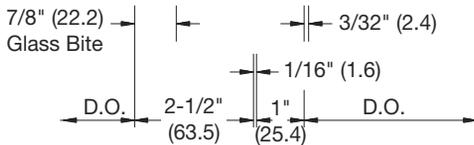
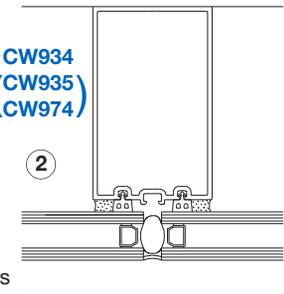
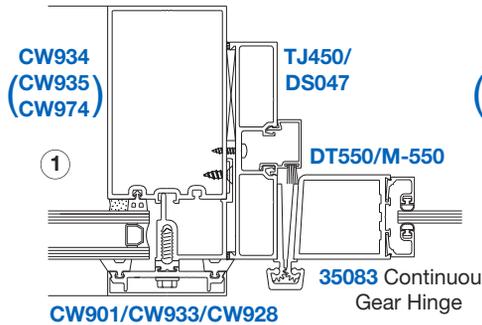
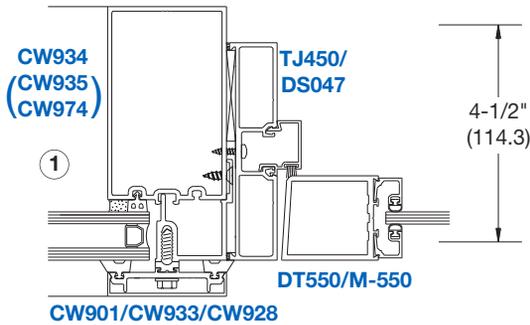
**NOTE:** Door Frames are available in stock to accommodate 36" x 84" (914 x 2134) and 72" x 84" (1829 x 2134) door openings. Visit [usalum.com](http://usalum.com) for more information.



OFFSET HUNG DOOR



Structural Silicone Vertical Glazed Curtain Wall



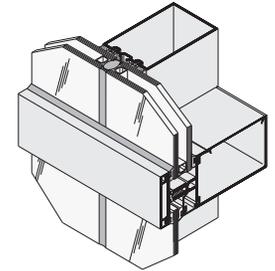
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 Online [crlaurence.com](http://crlaurence.com) By Phone (800) 421-6144 Ext. 5305

**Typical Details**

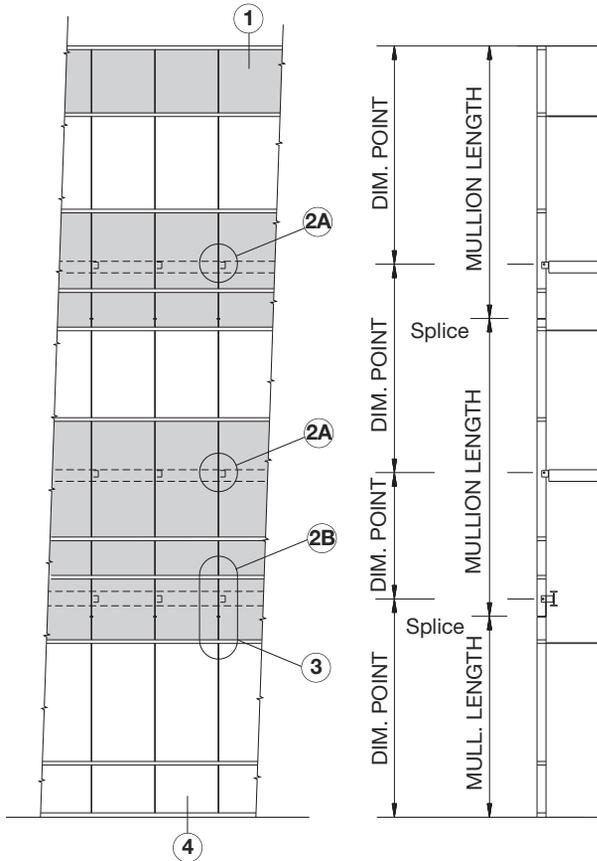
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 • Series 3150

**MID-SPAN ANCHORS AND MULLION SPLICE**



Structural Silicone Vertical Glazed Curtain Wall

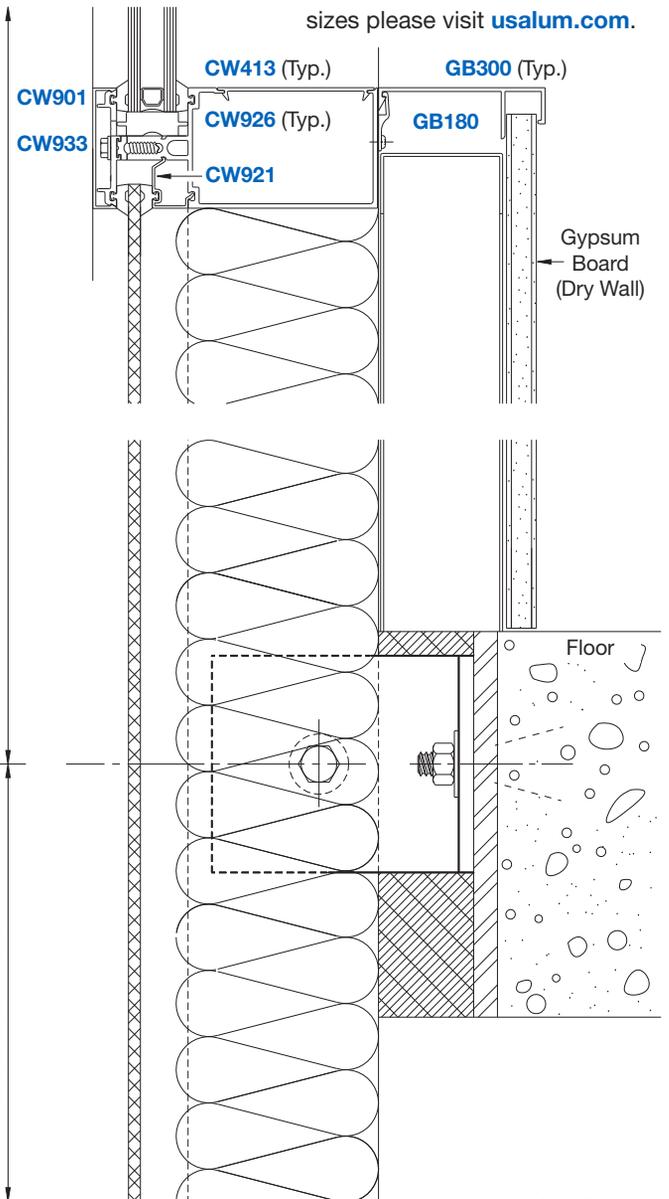
For more information on Stool Trim sizes please visit [usalum.com](http://usalum.com).



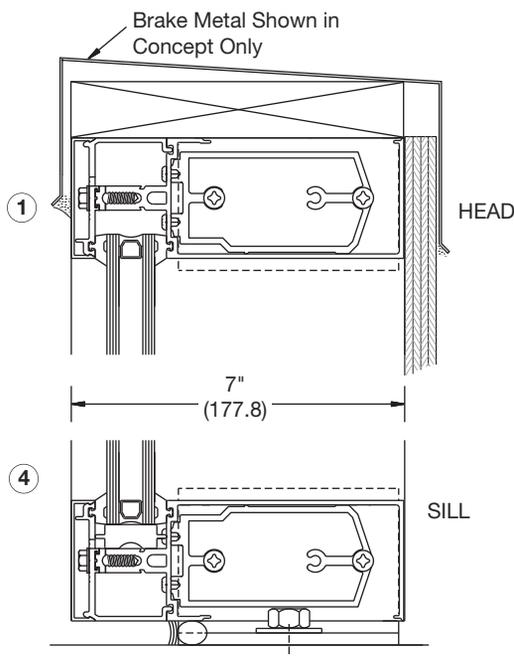
**TYPICAL ELEVATION**

**SECTION DETAIL**

**2A FIXED ANCHOR (DEADLOAD ANCHOR)**  
 NOTE: Anchor Type and Size Varies Per Job Requirements



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# CURTAIN WALLS

## Typical Details

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### MID-SPAN ANCHORS AND MULLION SPLICE

2B

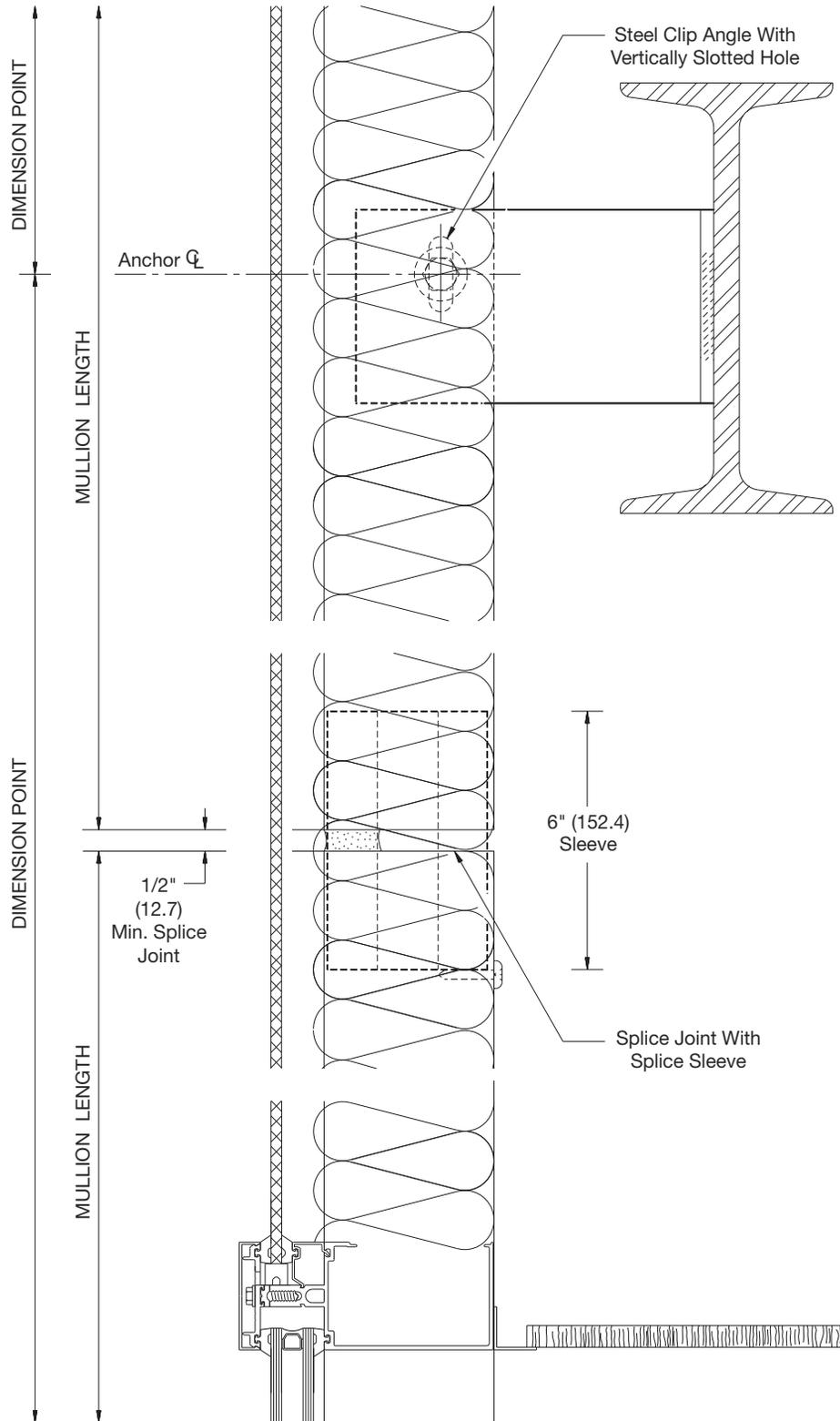
#### EXPANSION ANCHOR (WINDLOAD ANCHOR)

NOTE: Anchor Type  
and Size Varies Per  
Job Requirements

3

#### SPLICE JOINT

NOTE: Joint Width Should  
be Based on Mullion Length  
and Temperature Differential.  
A 1/2" (12.7) Gap Allows for  
1/4" (6.4) Movement.



NOT TO SCALE

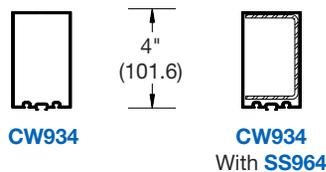
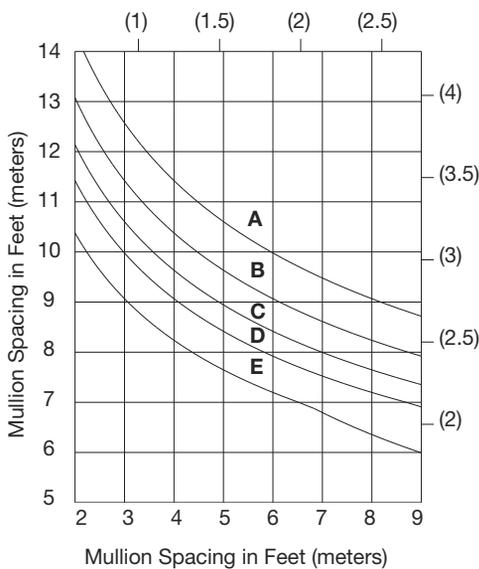
## Windload Charts

Thermally Improved  
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### STRUCTURAL SILICONE GLAZED VERTICAL MULLIONS FOR 1/4" (6) OR 1" (25) GLAZING

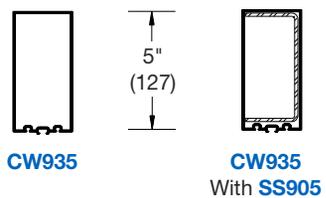
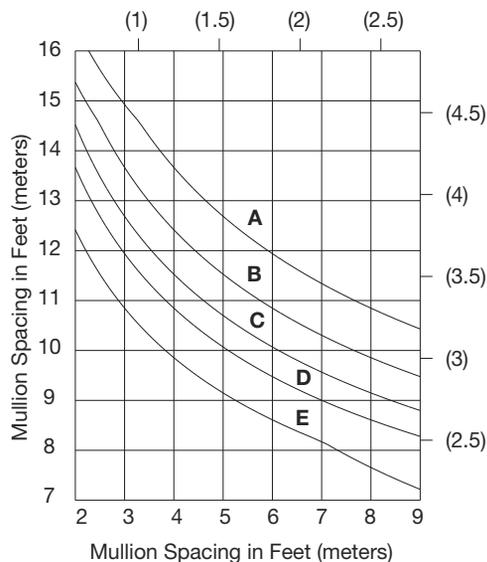
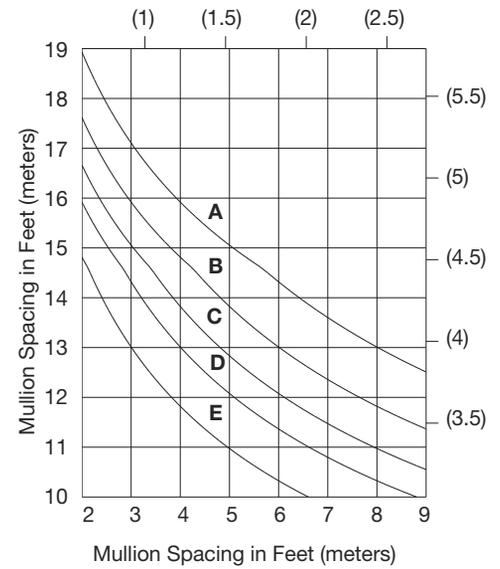
Deflection criteria to be in accordance with AAMA TIR-A11 - L/175 or L/240 + 1/4" (6.4 mm) for spans greater than 13'-6" (4.1 m) but less than 40'-0" (12.2 m). Codes and specifications may vary. No single lite of glass shall deflect more than 3/4" (19 mm). Glass is not considered as contributing to resistance of deflection. Aluminum alloy 6063-T6 allowable stress for windload is 15,200 psi. (89 MPa), and steel reinforcing allowable stress for windload is 21,600 psi. (183 MPa).

These charts include unbraced length analysis and are based on at least one horizontal being placed at the midpoint of the span. For other applications, please contact U.S. Aluminum Technical Sales at (800) 262-5151, or visit our web site at [usalum.com](http://usalum.com).

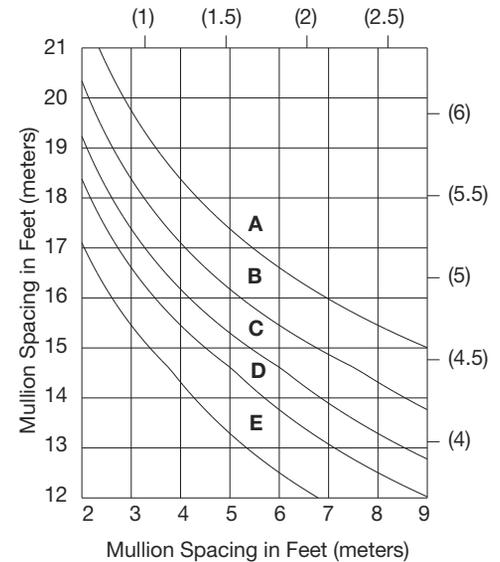


$I = 2.934 (122.12 \times 10^4)$   
 $S = 1.370 (22.45 \times 10^3)$   
 Steel Stiffener  
 $I = 1.996 (83.08 \times 10^4)$   
 $S = 1.141 (18.70 \times 10^3)$   
 $I_{AL+STL} = 8.670 (360.88 \times 10^4)$

Limitation of vertical mullions for:  
 CURVES A = 15 PSF (718 Pa)  
 CURVES B = 20 PSF (957 Pa)  
 CURVES C = 25 PSF (1197 Pa)  
 CURVES D = 30 PSF (1436 Pa)  
 CURVES E = 40 PSF (1915 Pa)



$I = 5.025 (209.15 \times 10^4)$   
 $S = 1.890 (30.97 \times 10^3)$   
 Steel Stiffener  
 $I = 3.571 (148.64 \times 10^4)$   
 $S = 1.587 (26 \times 10^3)$   
 $I_{AL+STL} = 15.398 (640.21 \times 10^4)$



# CURTAIN WALLS

## Windload Charts

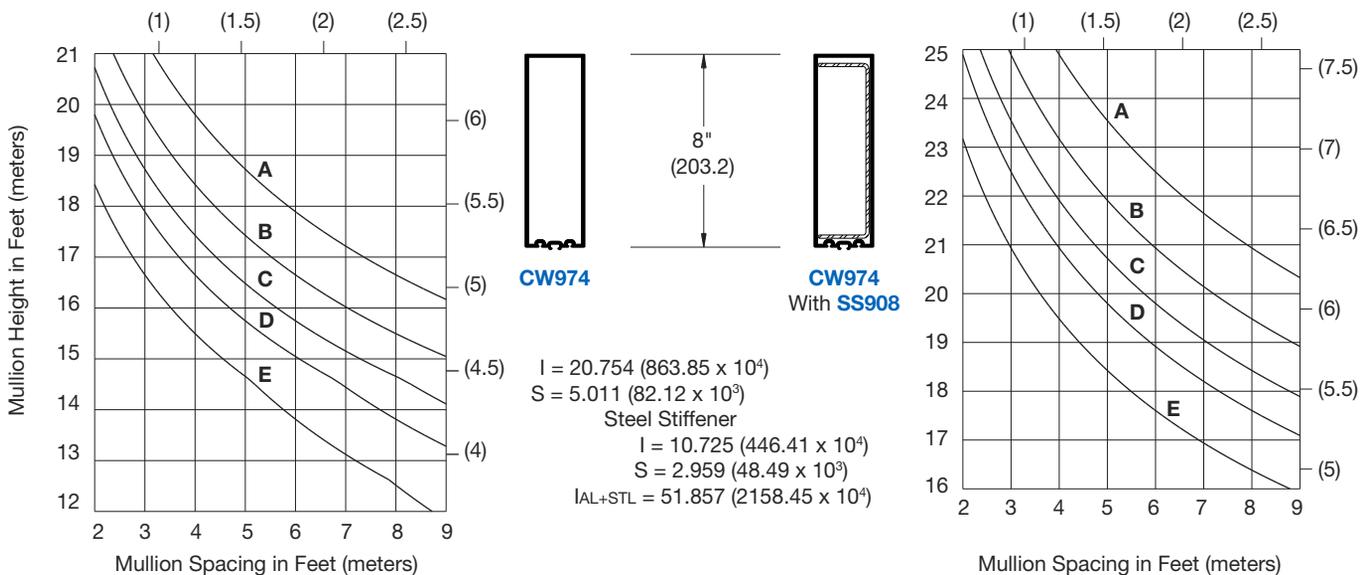
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• Series 3150

### STRUCTURAL SILICONE GLAZED VERTICAL MULLIONS FOR 1/4" (6) OR 1" (25) GLAZING

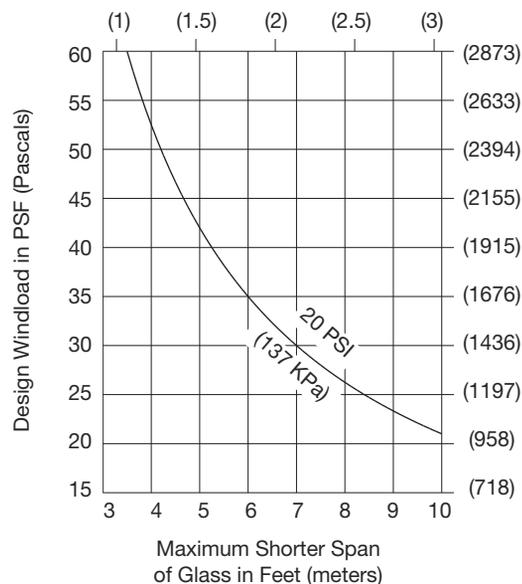
Deflection criteria to be in accordance with AAMA TIR-A11 - L/175 or L/240 + 1/4" (6.4 mm) for spans greater than 13'-6" (4.1 m) but less than 40'-0" (12.2 m). Codes and specifications may vary. No single lite of glass shall deflect more than 3/4" (19 mm). Glass is not considered as contributing to resistance of deflection. Aluminum alloy 6063-T6 allowable stress for windload is 15,200 psi. (89 MPa), and steel reinforcing allowable stress for windload is 21,600 psi. (183 MPa).

Limitation of vertical mullions for:  
 CURVES A = 15 PSF (718 Pa)  
 CURVES B = 20 PSF (957 Pa)  
 CURVES C = 25 PSF (1197 Pa)  
 CURVES D = 30 PSF (1436 Pa)  
 CURVES E = 40 PSF (1915 Pa)

These charts include unbraced length analysis and are based on at least one horizontal being placed at the midpoint of the span. For other applications, please contact U.S. Aluminum Technical Sales at (800) 262-5151, or visit our web site at [usalum.com](http://usalum.com).



## Structural Silicone Chart



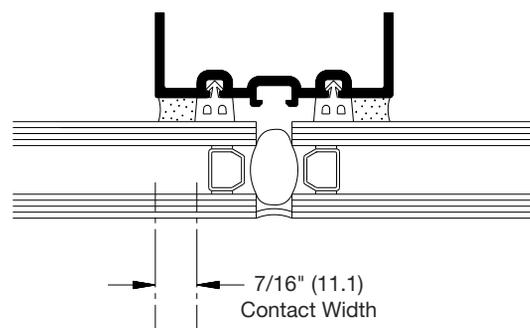
Stress on structural silicone should not exceed 20 psi (137 KPa) for a 6:1 safety factor.

Series 3150 offers a contact width of 7/16" (11.1)

**NOTE:** The maximum shorter span of glass may be the width or the height dimension

E.G. for 5' x 7' (1.52 m x 2.13 m) check 5' (1.52 m)  
 for 7' x 5' (2.13 m x 1.52 m) check 5' (1.52 m)

THESE LIMITATIONS ARE RELATED ONLY TO THE SILICONE JOINT CAPABILITY. ALUMINUM MEMBERS SHOULD ALSO BE CHECKED FOR WINDLOAD AND DEADLOAD.



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# CURTAIN WALLS

## Deadload Charts

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### HORIZONTAL MEMBERS FOR 1" (25) GLAZING

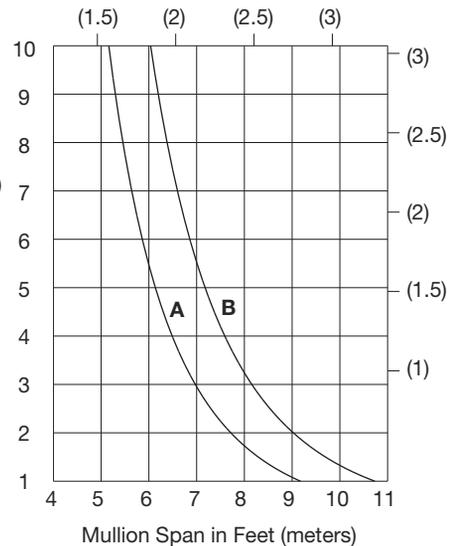
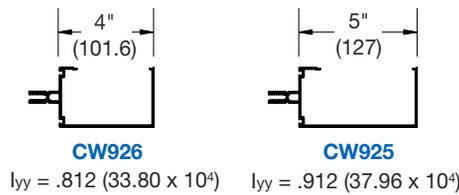
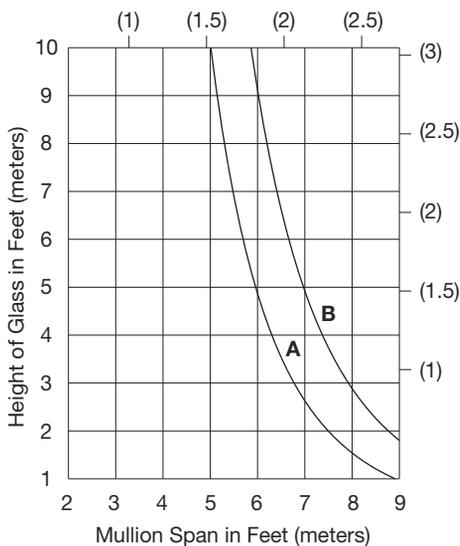
Deadload charts are based on 1/8" (3.2) maximum allowable deflection at the center point of the horizontal member and on a glass weight of 6.5 psf (31.74 Kg/m<sup>2</sup>)

Glass shall rest on two setting blocks located at:

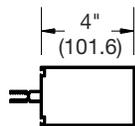
CURVES A: 1/4 points

CURVES B: 1/8 points or 8" (203.2) from corners, whichever is larger

### SHEAR BLOCK ASSEMBLY

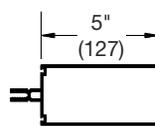


### PANEL ASSEMBLY



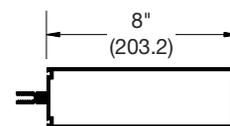
**CW964**

$I_{yy} = 1.329 (55.32 \times 10^4)$



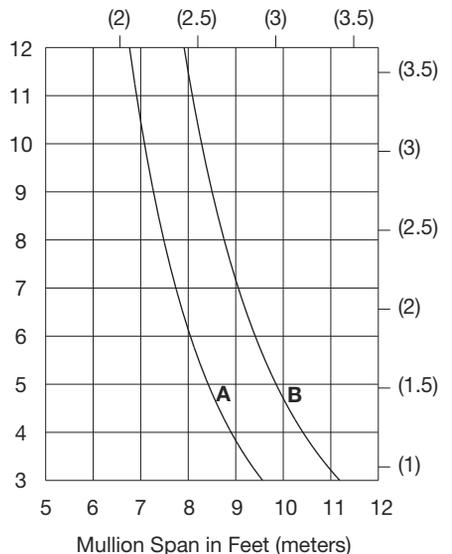
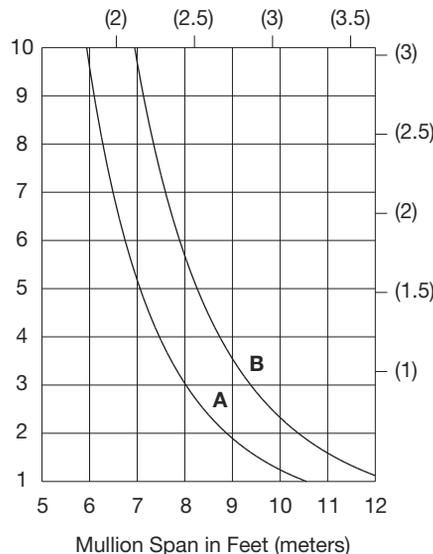
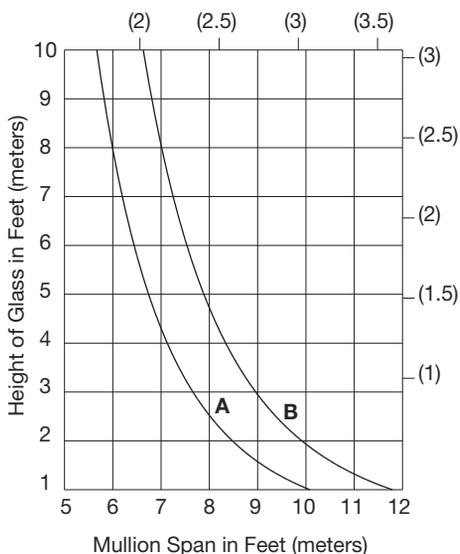
**CW905**

$I_{yy} = 1.599 (66.56 \times 10^4)$



**CW908**

$I_{yy} = 3.233 (134.57 \times 10^4)$



# CURTAIN WALLS

## Deadload Charts

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### HORIZONTAL MEMBERS FOR 1" (25) GLAZING

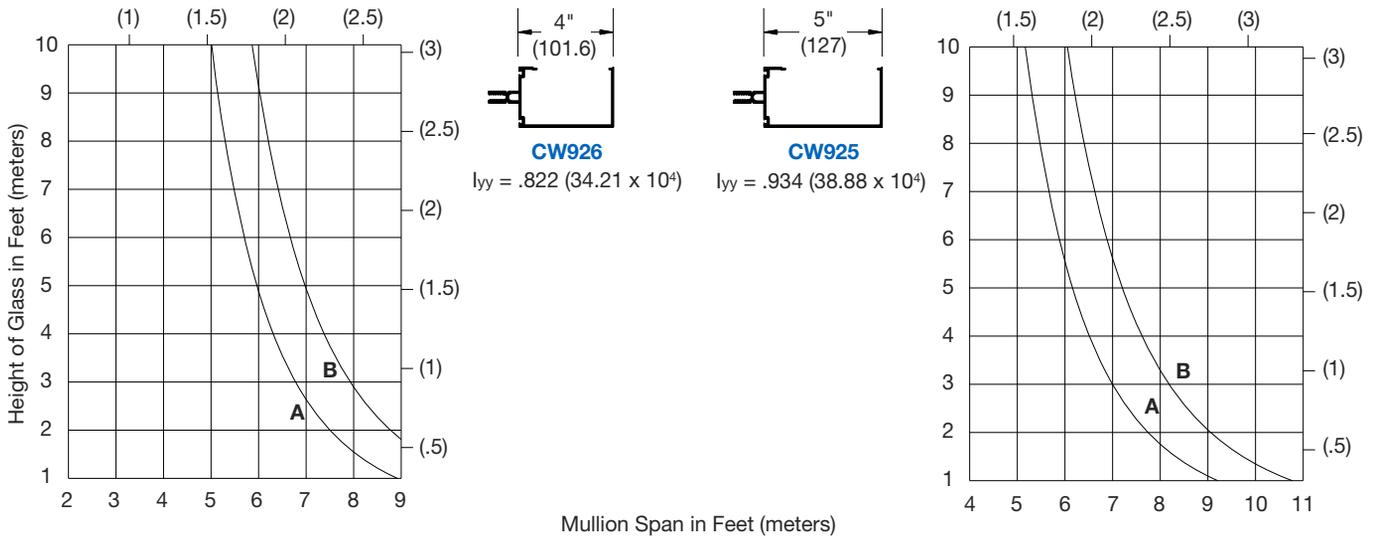
Deadload charts are based on 1/8" (3.2) maximum allowable deflection at the center point of the horizontal member and on a glass weight of 6.5 psf (31.74 Kg/m<sup>2</sup>)

Glass shall rest on two setting blocks located at:

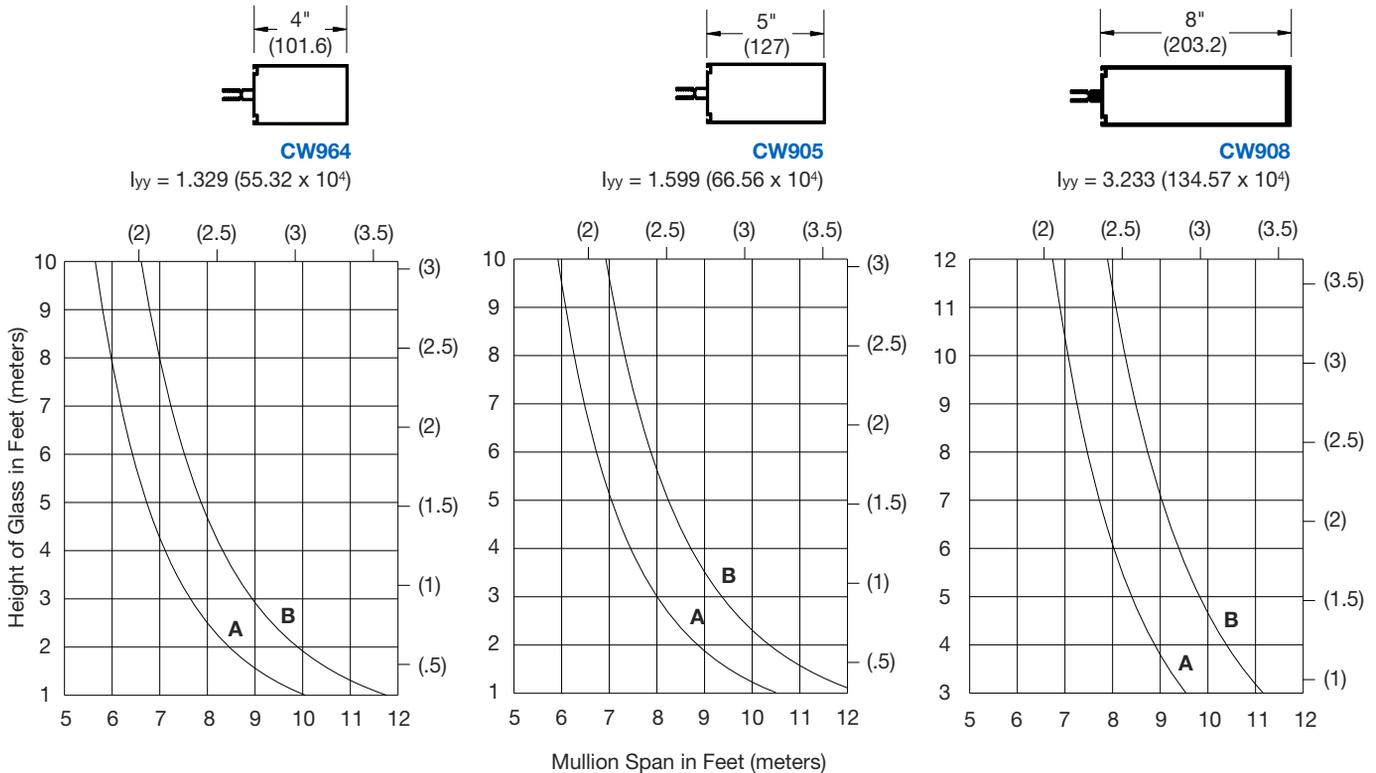
CURVES A: 1/4 points

CURVES B: 1/8 points or 8" (203.2) from corners, whichever is larger

### SHEAR BLOCK ASSEMBLY



### PANEL ASSEMBLY

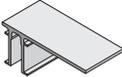
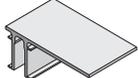
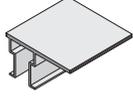
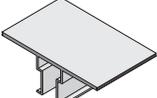
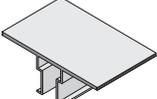


# CURTAIN WALLS

## Accessories

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FOR 1/4" (6) AND 1" (25) GLAZING

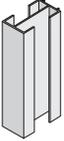
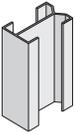
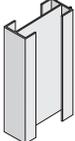
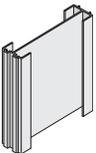
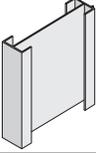
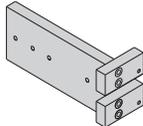
PART NO.	DETAIL	DESCRIPTION	PKG. QTY.	FOR MULLION DEPTHS		
				4" (101.6)	5" (127)	8" (203.2)
AP974		Wall Jamb Anchor at Head and Sill for CW954/CW964	6	●		
AP964		Intermediate Vertical Anchor at Head and Sill for CW954/CW964	12	●		
AP960		Outside 90 Degree Corner Anchor at Head and Sill for CW960	10	●		
AP994		Intermediate Vertical Anchor at Head and Sill for CW934	12		●	
AP975		Wall Jamb Anchor at Head and Sill for CW915/CW905	6		●	
AP965		Intermediate Vertical Anchor at Head and Sill for CW915/CW905	12		●	
AP995		Intermediate Vertical Anchor at Head and Sill for CW935	12		●	
AP980		Inside 90 Degree Corner Anchor at Head and Sill for CW980 (Butt Glaze only)	10		●	
AP978		Wall Jamb Anchor at Head and Sill for CW918/CW908	6			●
AP968		Intermediate Vertical Anchor at Head and Sill for CW918/CW908	12			●
AP998		Intermediate Vertical Anchor at Head and Sill for CW974	12			●

# CURTAIN WALLS

## Accessories

Thermally Improved  
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FOR 1/4" (6) AND 1" (25) GLAZING

PART NO.	DETAIL	DESCRIPTION	PKG. QTY.	FOR MULLION DEPTHS		
				4" (101.6)	5" (127)	8" (203.2)
SL944		Mullion Splice Sleeve for CW954/CW964	12	●		
SL934		Mullion Splice Sleeve for CW934	12	●		
SL960		Outside 90 Degree Corner Mullion Splice Sleeve for CW960	5	●		
SL945		Mullion Splice Sleeve for CW915/CW905	12		●	
SL935		Mullion Splice Sleeve for CW935	12		●	
SL980		Inside 90 Degree Corner Mullion Splice Sleeve for CW980	5		●	
SL948		Mullion Splice Sleeve for CW918/CW908	12			●
SL974		Mullion Splice Sleeve for CW974	12			●
DJ360		Drill Jig for Shear Block	1	●	●	●

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# CURTAIN WALLS

## Accessories

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FOR 1/4" (6) AND 1" (25) GLAZING

PART NO.	DETAIL	DESCRIPTION	PKG. QTY.	FOR MULLION DEPTHS		
				4" (101.6)	5" (127)	8" (203.2)
AP954		Intermediate Shear Block for 4" Back Members (Includes screws)	20	●		
AP955		Intermediate Shear Block for 5" Back Members (Includes screws)	20		●	
AP928		Intermediate Shear Block for 8" Back Members (Includes screws)	20			●
AC956		Intermediate Shear Block for 8" Open Back Members (Includes screws)	20			●
AP926		Corner Shear Block for Inside and Outside Corners (Includes screws)	20	●	●	●
HD973	 HD973 for 1/4" (6)    HD975 for 1" (25)	End Dam for Captured Mullions	50	●	●	●
HD975						
WD925	 WD925 for 1/4" (6)    WD900 for 1" (25)	End Dam for Butt Glaze Mullions	50	●	●	●
WD900						
CP925	 CP925 for 1/4" (6)    CP900 for 1" (25)	Closure Plate for Captured Mullions	50	●	●	●
CP900						
CP950	 CP950 for 1/4" (6)    CP951 for 1" (25)	Closure Plate for Butt Glaze Mullions	50	●	●	●
CP951						
CP952	 CP952 for 1/4" (6)    CP953 for 1" (25)	Closure Plate for Outside Corner	10	●	●	●
CP953						
CP954		Closure Plate for Inside Corner	10	●	●	●
CW368		Temporary Glass Retainer for Captured Mullions	50	●	●	●
RG635		Temporary Glass Retainer for Butt Glaze Patent No. D295,952	50	●	●	●

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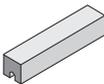
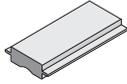
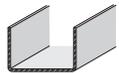
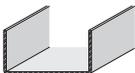
# CURTAIN WALLS



## Accessories

Thermally Improved  
• Series 3150

### FOR 1/4" (6) AND 1" (25) GLAZING

PART NO.	DETAIL	DESCRIPTION	PKG. QTY.	FOR MULLION DEPTHS		
				4" (101.6)	5" (127)	8" (203.2)
NP430		Exterior Gasket	250' Roll	●	●	●
NP420		Interior Gasket	250' Roll	●	●	●
SP450		Spacer Gasket for Butt Glaze	250' Roll	●	●	●
SB925		Setting Block for 1/4" (6) Glass; 4" (101.6) Long	100	●	●	●
AW900		1/4" (6) Glazing Edge Block; 2-1/2" (63.5) Long	50	●	●	●
SB910		Setting Block for 1" (25) Glass; 4" (101.6) Long	100	●	●	●
AW901		1" (25) Glazing Edge Block; 2-1/2" (63.5) Long	100	●	●	●
MS222		Pressure Bar Screw 1/4"- 20 x 1" (25) HWHCS with SRG5	200	●	●	●
WD960	 WD960 for 1/4" (6)      WD961 for 1" (25)	Water Deflector for Outside Corner	10	●	●	●
WD961						
WD980	 WD980 for 1/4" (6)      WD981 for 1" (25)	Water Deflector for Inside Corner	10	●	●	●
WD981						
SS964		Steel Stiffener Fits in: CW954, CW934, and CW964	16' (4.88 m) Stock Length	●		
SS905		Steel Stiffener Fits in: CW915, CW935, and CW905	16' (4.88 m) Stock Length		●	
SS908		Steel Stiffener Fits in: CW918, CW974, and CW908	16' (4.88 m) Stock Length			●

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