

ARCHITECT CUT SHEET

VISTA FOLD™

IMPACT RATED ALUMINUM FOLDING DOORS



The Vista Fold™ impact rated aluminum door system provides unobstructed views and seamless transitions to the outside. Euro-Wall folding doors systems can span heights up to 168", widths up to 52", can be configured as a radius or postless corner systems and can span large opening widths with an unlimited number of sequential panels. Vista Fold™ applications are Florida Product Approved and meet the strict Florida Building Code and has the highest dp rating of any folding door available.

FL 17838

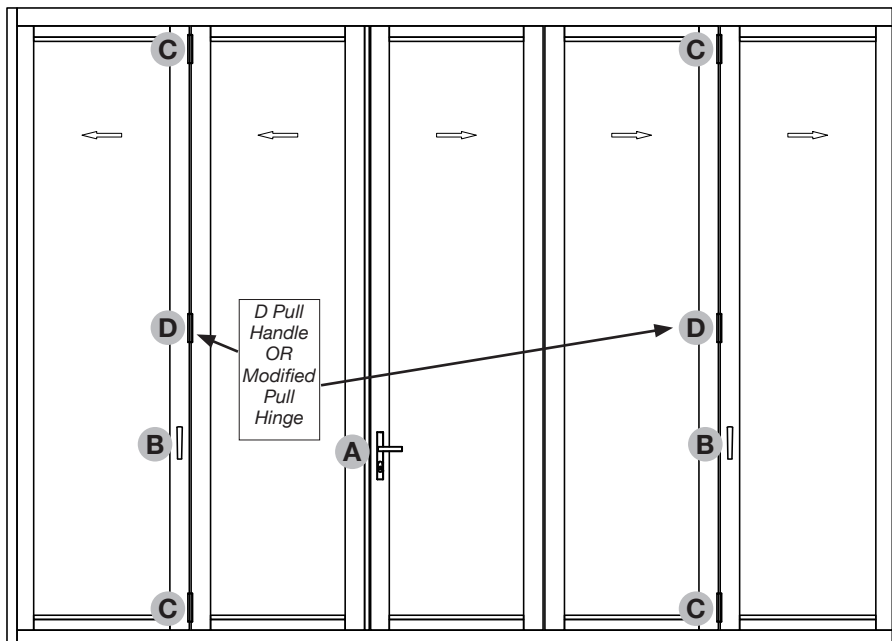


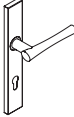
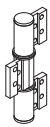
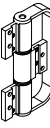
PANEL MINIMUM / MAXIMUM

Max Panel Weight:	350 lbs	Min Panel Height:	32"
Min Panel Width:	18"	Max Panel Height:	168"
Max Panel Width:	52"	Max Sq Ft:	334 sq ft

OVERVIEW DIAGRAM

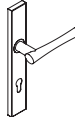
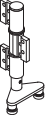
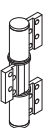
Interior View



- A**  **Multipoint Handle**
LORI: C0064
ROLI: C0096
- B**  **Twinpoint Lever**
C0352
- C**  **Modified Hinge**
C0106
- D**  **D Pull Handle**
C0095
- D**  **Modified Pull Hinge**
C0107

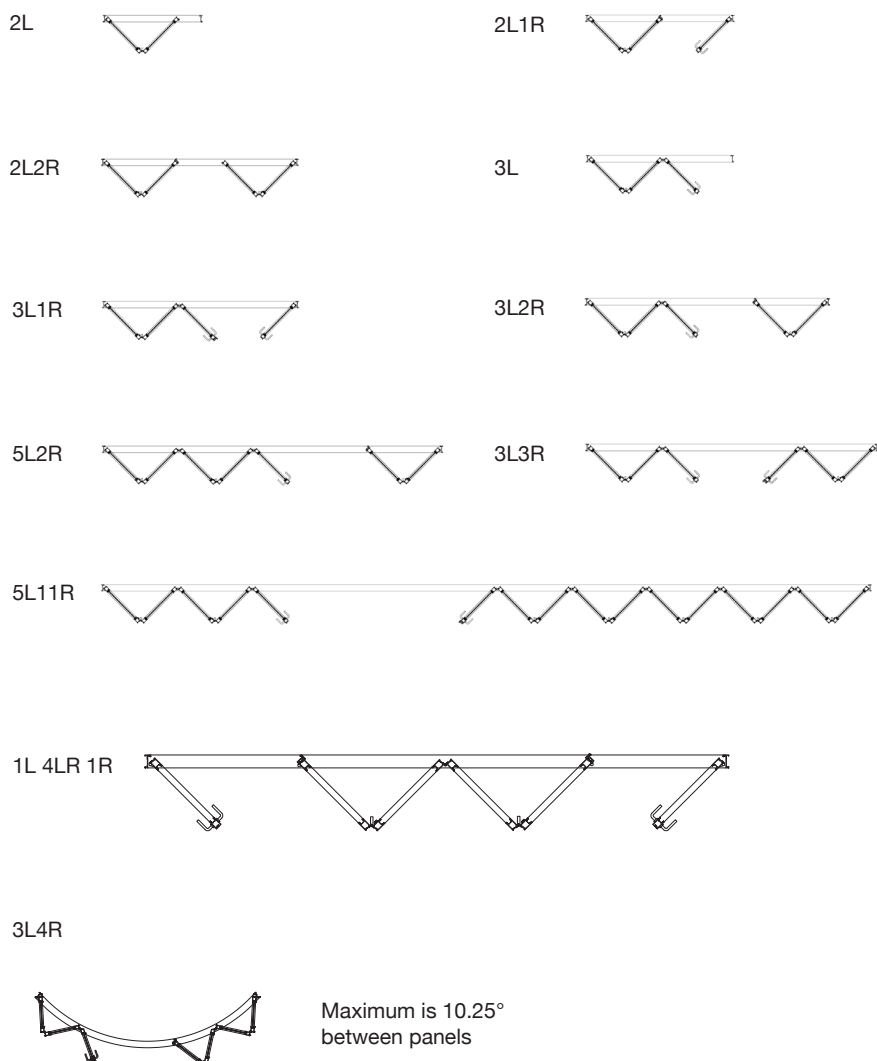
Exterior View



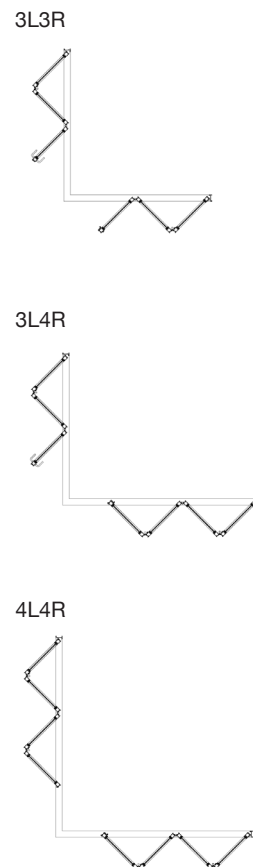
- A**  **Multipoint Handle**
LORI: C0064
ROLI: C0096
- B**  **Upper Jamb Hinge**
LORI: C0069
ROLI: C0070
- C**  **Lower Jamb Hinge**
LORI: C0071
ROLI: C0072
- D**  **Center Wall Pivot**
LORI: C0104
ROLI: C0105
- E**  **Upper Intermediate Carrier**
LORI: C0065
ROLI: C0066
- F**  **Lower Intermediate Carrier**
LORI: C0100
ROLI: C0101
- G**  **Upper Carrier**
LORI: C0067
ROLI: C0068
- H**  **Lower Carrier**
LORI: C0102
ROLI: C0103
- I**  **Modified Hinge**
C0106

Note: Both systems pictured are outswing systems; inswing systems would be the opposite.

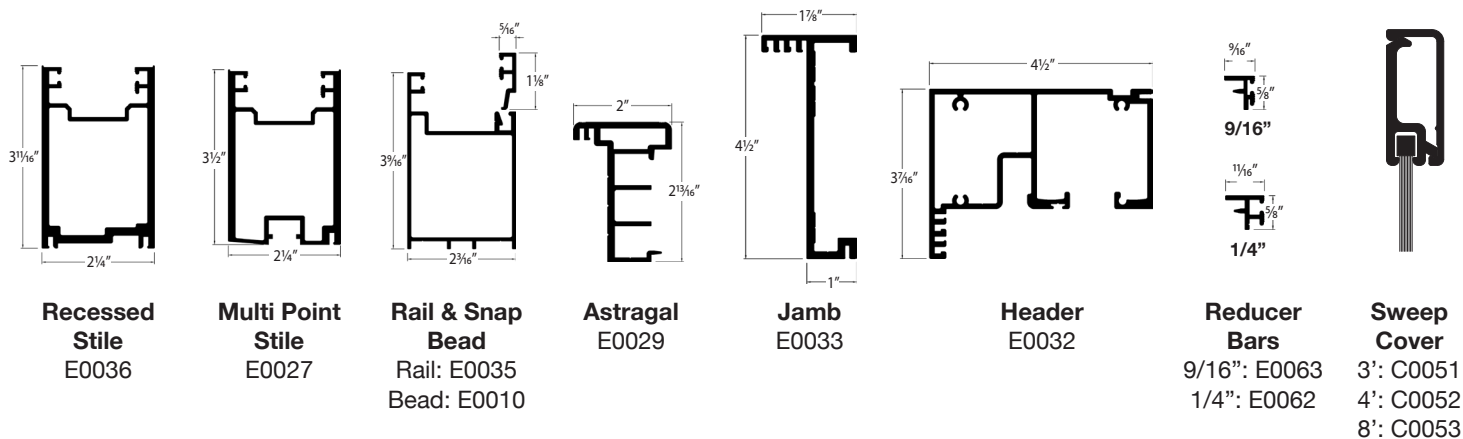
CONFIGURATIONS



NOTE: These configurations are just a few examples of the numerous possibilities for Vista Fold™ layout options. For installations in Florida, see the Florida Product Approval.



EXTRUSION PROFILES



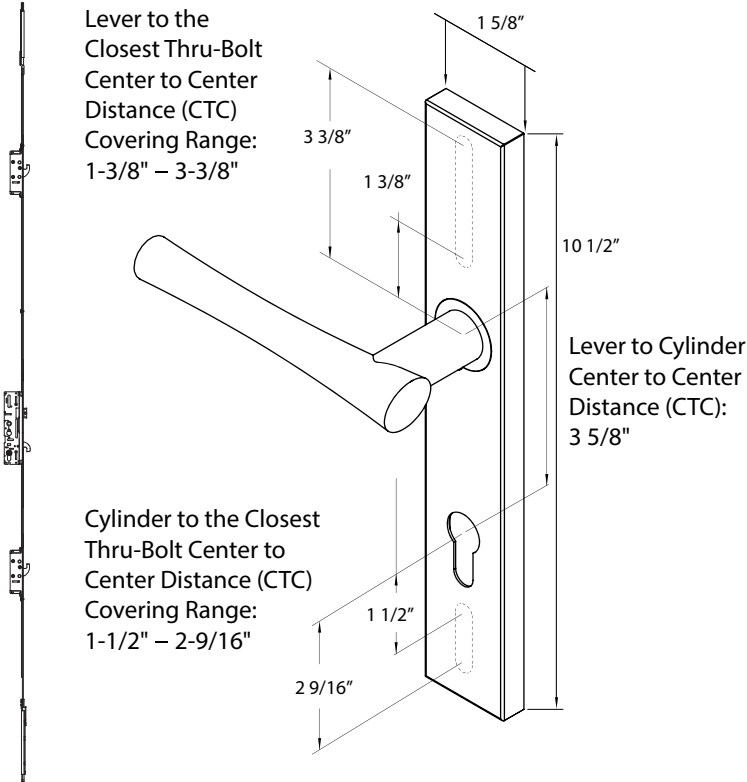
HANDLES

Multi Point 5 Point Locking Handle

LORI: C0064 / ROLI: C0096

Lever to the
Closest Thru-Bolt
Center to Center
Distance (CTC)
Covering Range:
1-3/8" – 3-3/8"

Cylinder to the Closest
Thru-Bolt Center to
Center Distance (CTC)
Covering Range:
1-1/2" – 2-9/16"



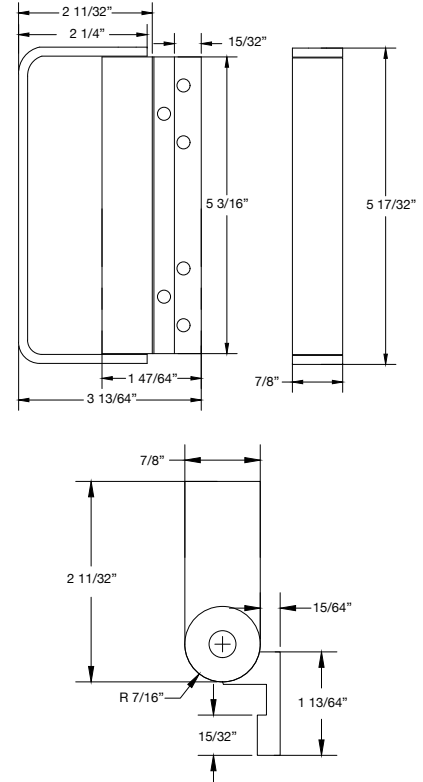
Details of multi point lock continued on pg. 5



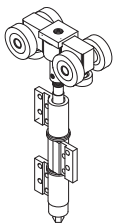
PULL HARDWARE

D Pull Handle

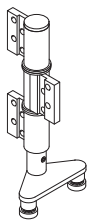
C0095



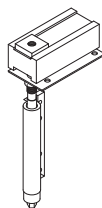
HINGES



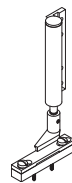
Upper Intermediate Carrier
LORI: C0065
ROLI: C0066



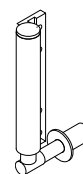
Lower Intermediate Carrier
LORI: C0100
ROLI: C0101



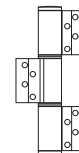
Upper Jamb Hinge
LORI: C0069
ROLI: C0070



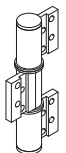
Lower Jamb Hinge
LORI: C0071
ROLI: C0072



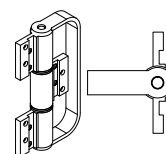
Center Wall Pivot
LORI: C0104
ROLI: C01055



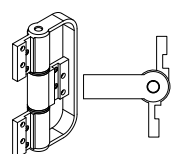
Straight Hinge
C0108



Modified Hinge
C0106

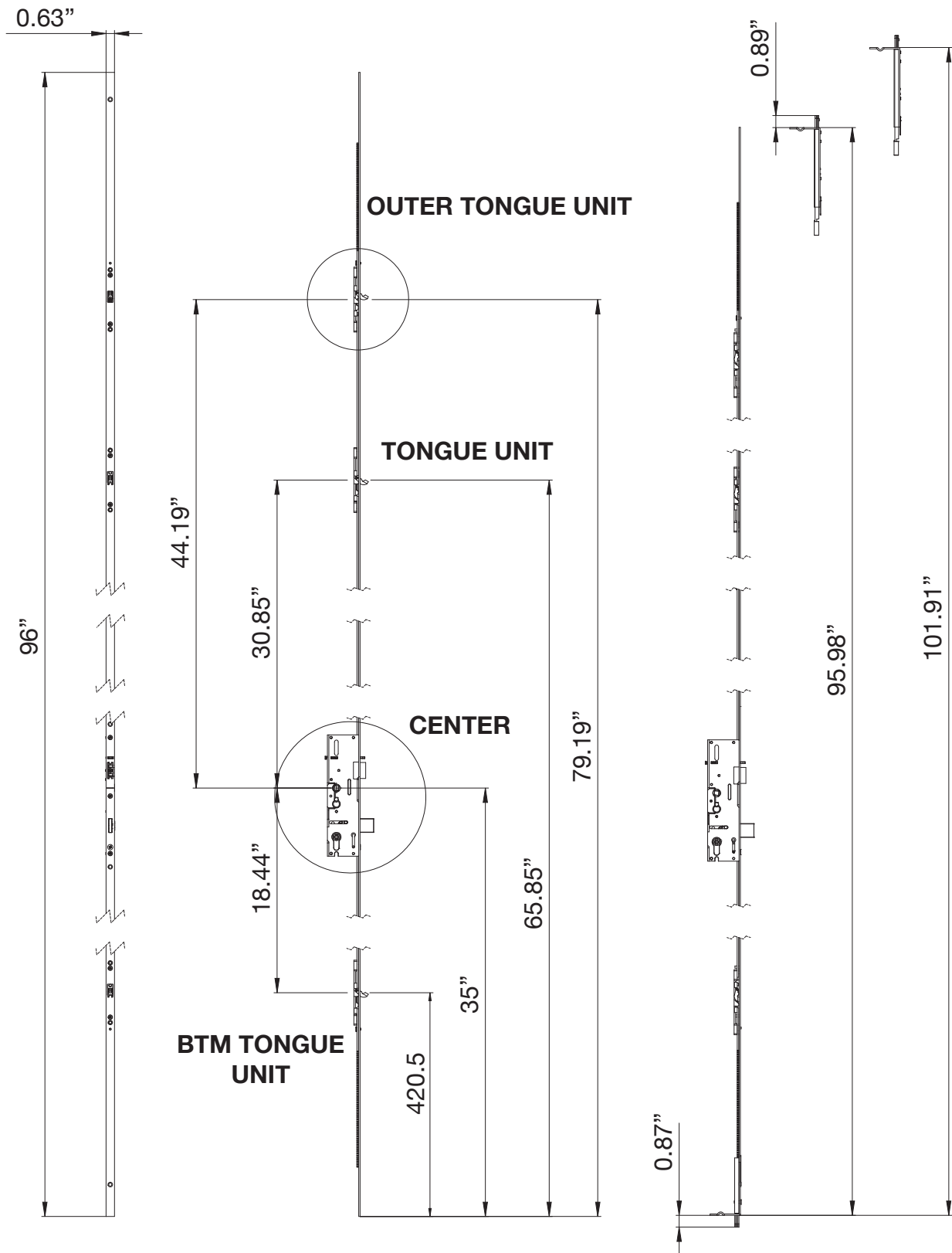


Straight Pull Hinge
C0109



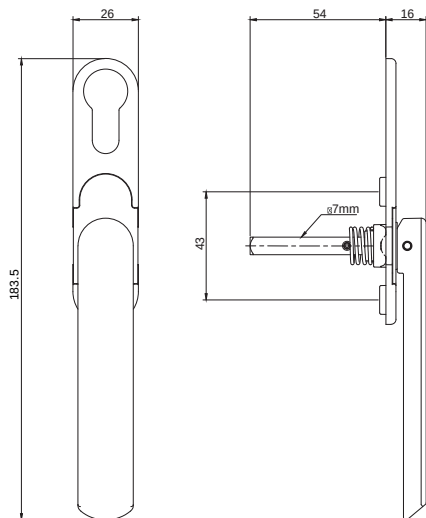
Modified Pull Hinge
C0107



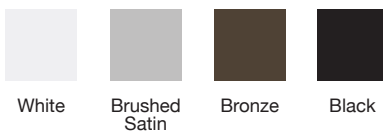
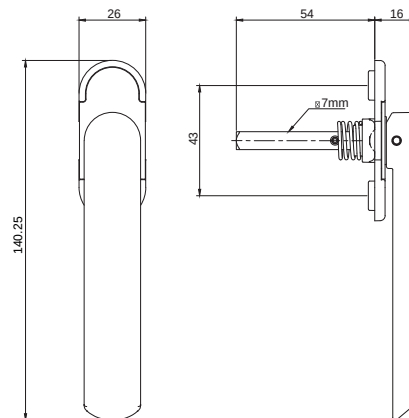


LOCKS

Twinpoint Lever w/ Escutcheon
C0351



Twinpoint Lever Non-Escutcheon
C0352



Thumb Turn Locks



50mm Single Sided • Twinpoint Lever
Euro Cylinder Key
Use: Exterior Locking Only, Corner Units Only



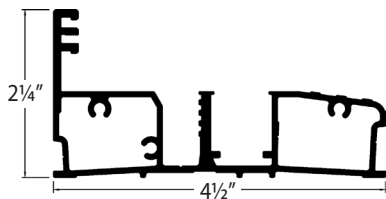
70mm Double Sided • Twinpoint Lever
Euro Cylinder Key / Key
Use: Standard Option



90mm Double Sided • Multi Point Handle
Euro Cylinder Key / Thumb Turn
Use: Standard Option
Finish: Satin Nickel, Bronze, Polished, Black

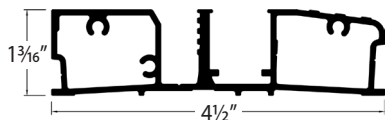


SILLS



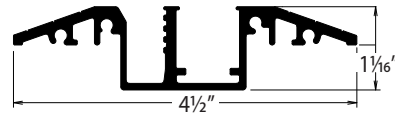
**Standard
Sill**
E0037

**HVHZ Impact Rated
Water Rated**



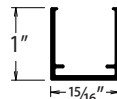
**Modified
Standard Sill**
E0034

HVHZ Impact Rated



**ADA
Sill**
E0028

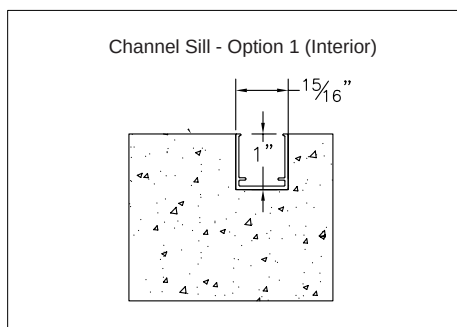
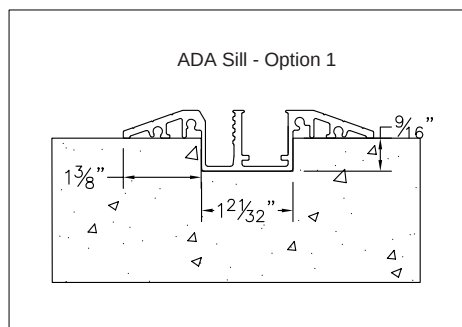
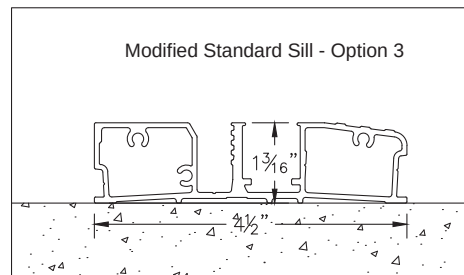
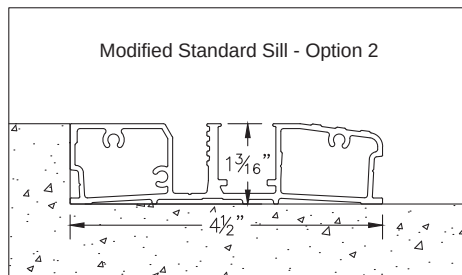
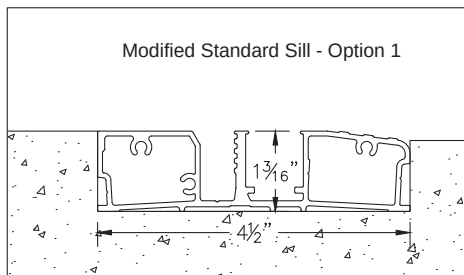
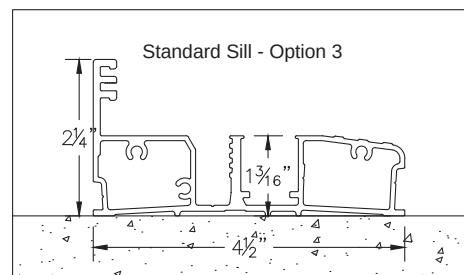
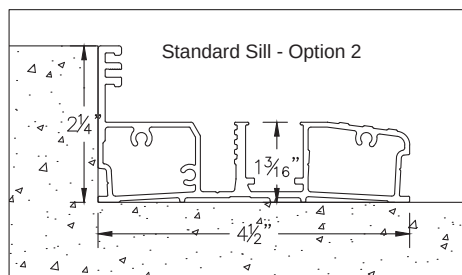
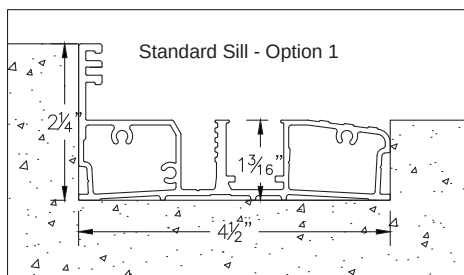
HVHZ Impact Rated



**Channel
Sill**
E0108

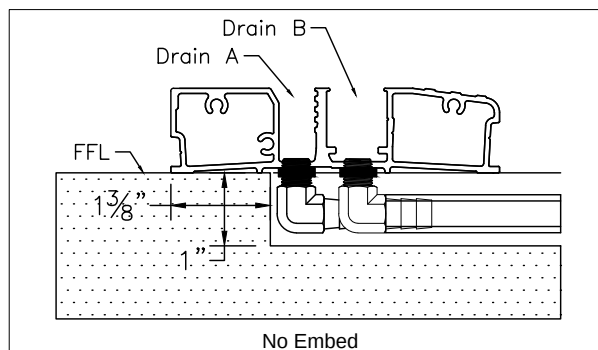
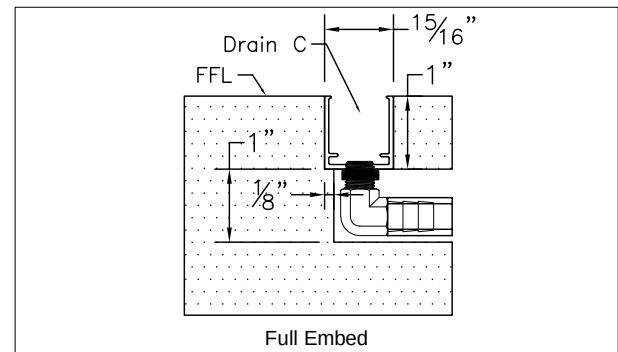
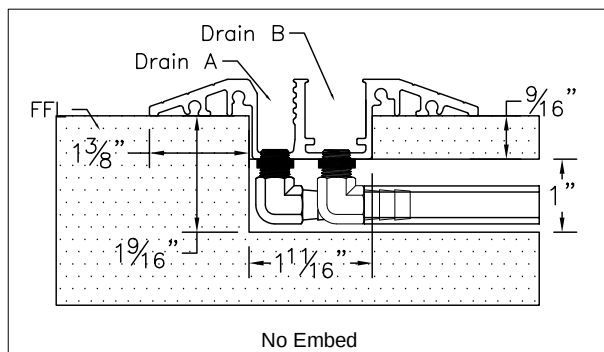
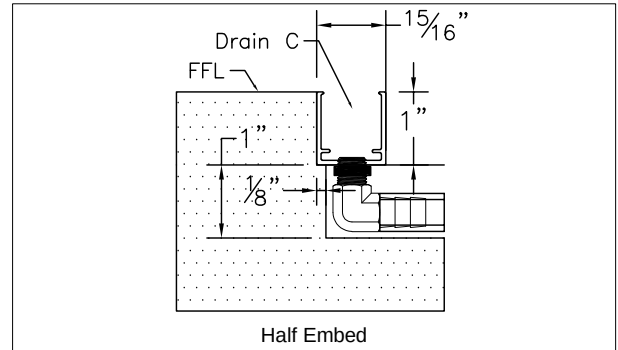
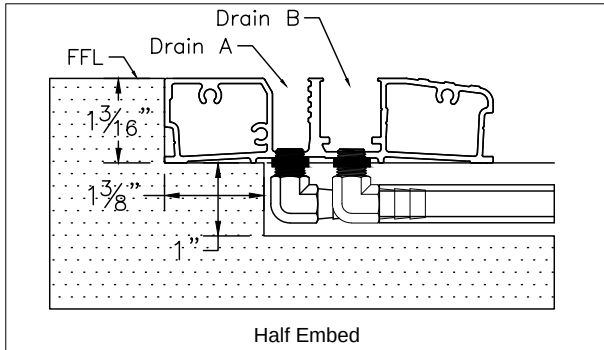
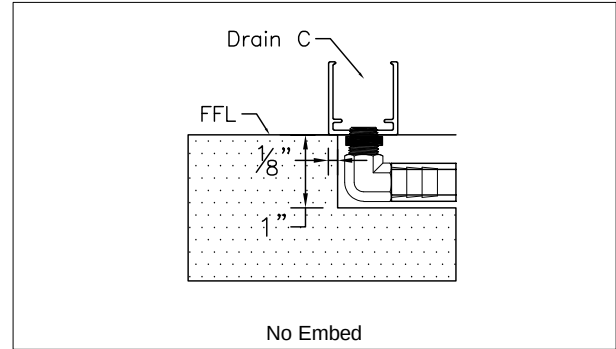
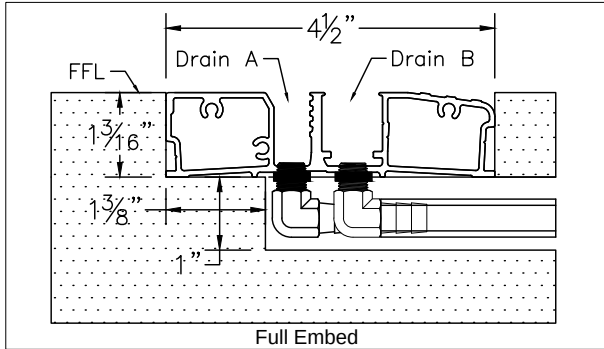
Non-FPA

EMBED OPTIONS



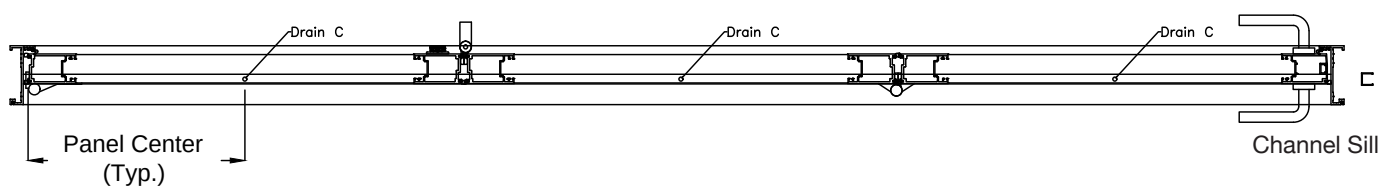
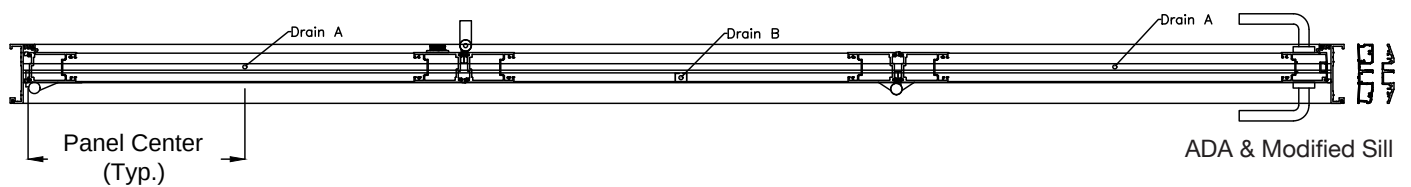
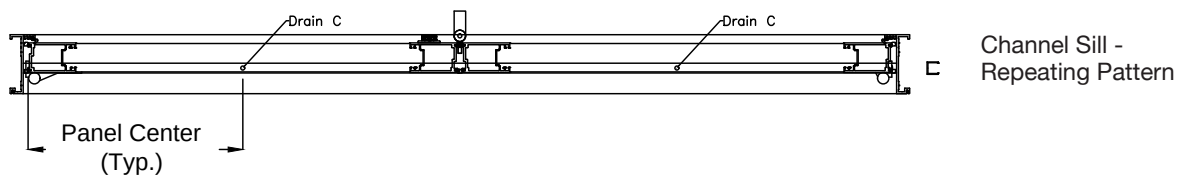
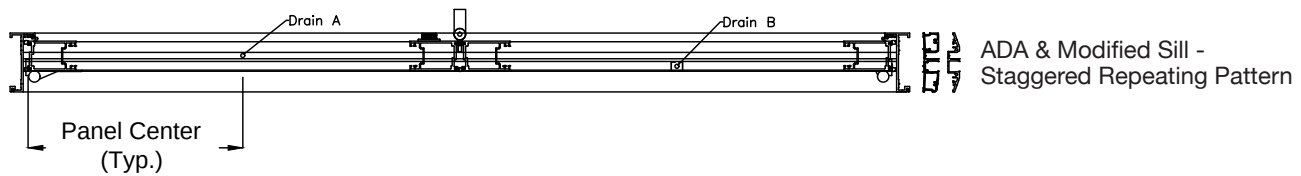
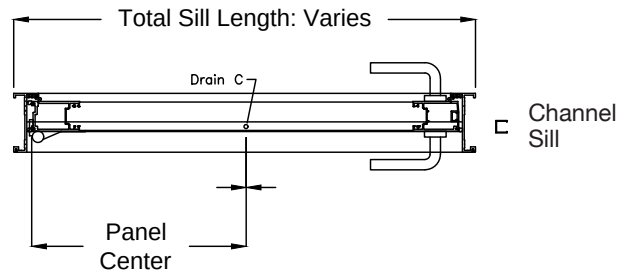
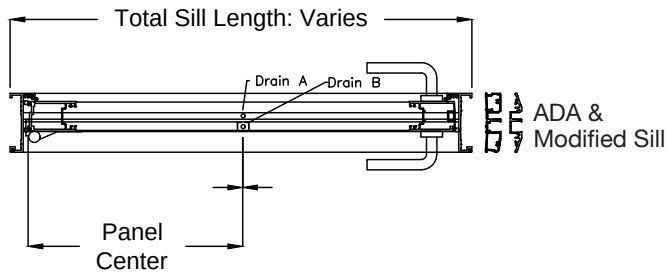
WATER MANAGEMENT

Typical Drain Hole Embedding

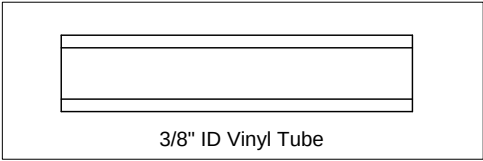
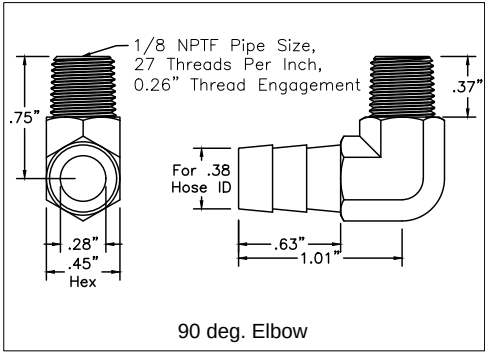
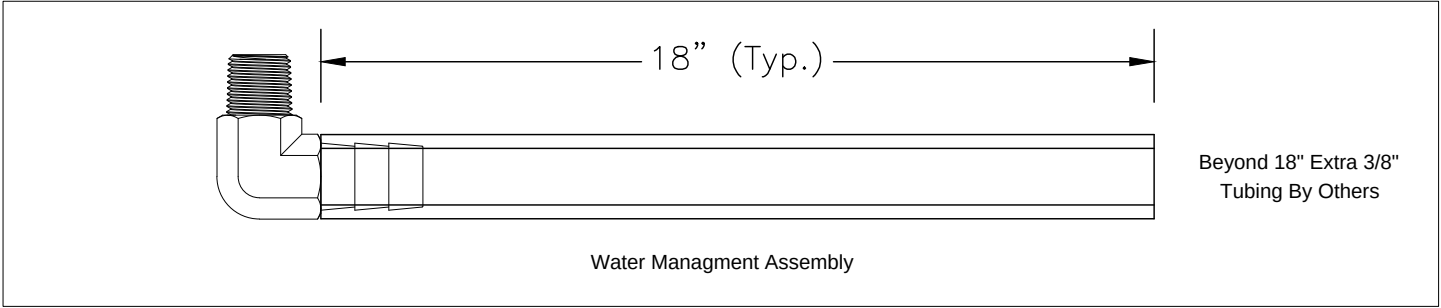


Typical Drain Hole Location

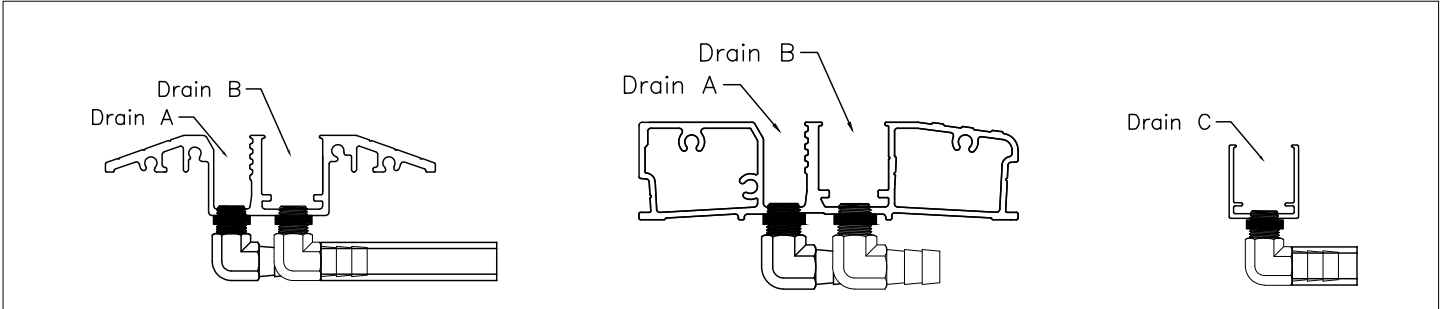
Drill using a $\frac{5}{16}$ " Bit, and Tap using a $\frac{1}{8}$ " NPT, with 27 Threads per Inch



Water Management System Parts

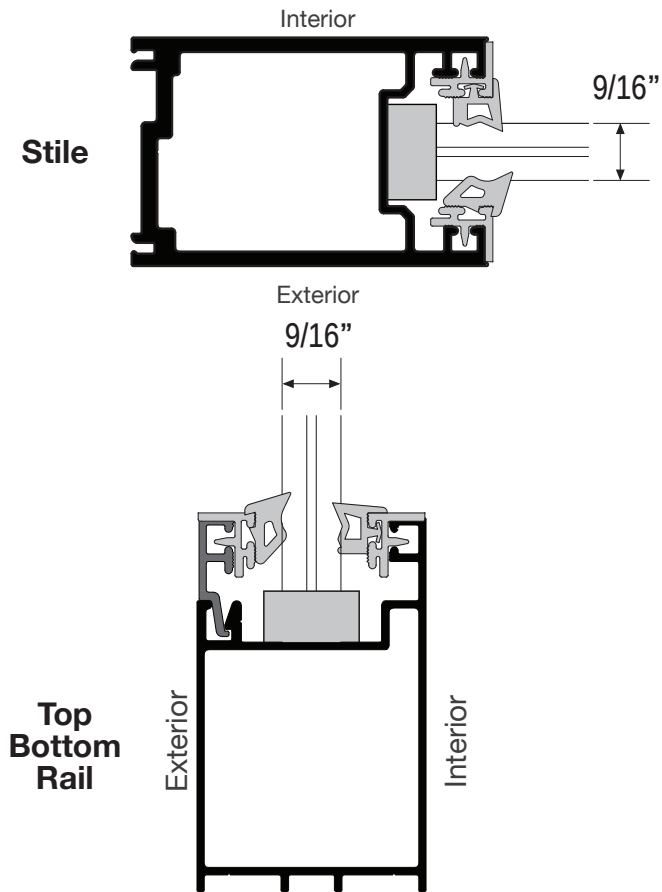


Typical Drain Hole Location

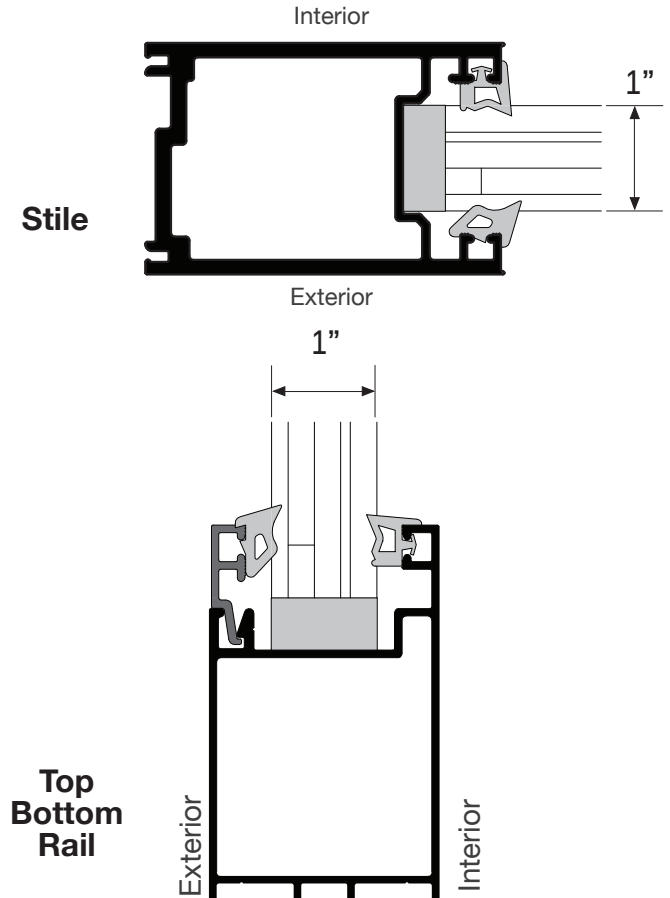


GLAZING DETAILS

Impact Glass (9/16" Monolithic)



IG Impact



Impact

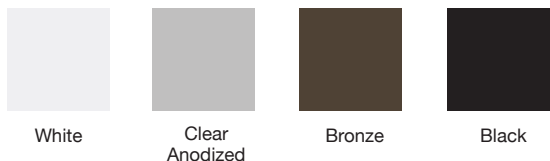
1" Insulated Impact
9/16" Mono Impact

Non-Impact

1/4" Tempered
1/2" Tempered
1" Insulated
3/8" Tempered
1/2" Laminated

FINISH OPTIONS

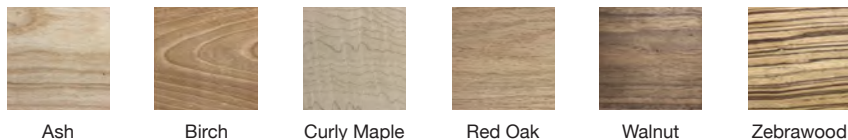
Standard Finishes



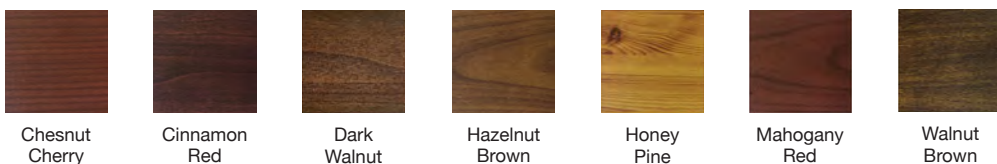
Standard Wood Finishes



Exotic Wood Finishes



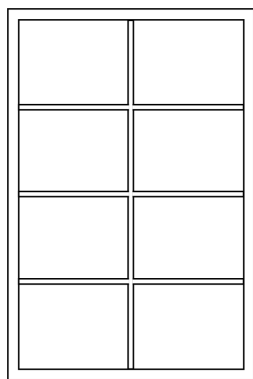
Faux Wood Grain Finishes



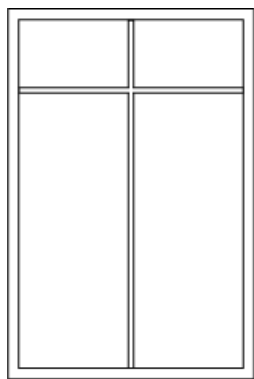
NOTE: All Interior wood clad veneer products should be properly finished or sealed within 36 hours of delivery or stored in a climate controlled space until it can be properly finished or sealed.

GRID OPTIONS

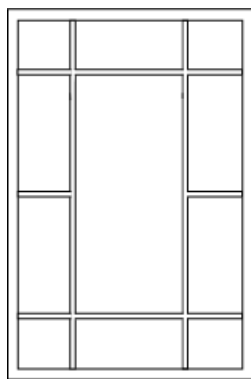
These muntin configurations are just a few examples of the numerous possibilities. All configurations are available in aluminum or wood.



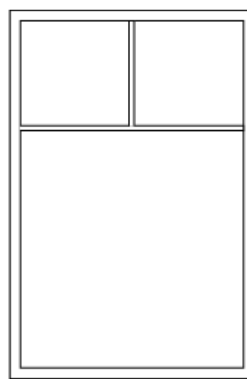
Traditional Grid



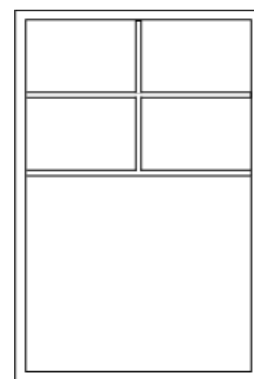
Cross Grid



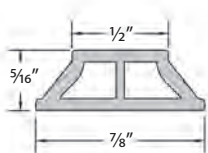
English Grid



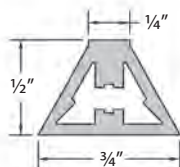
Ladder



Double Ladder



7/8" OGEE MUNTIN
E0072



3/4" RAISED MUNTIN
E0070



3/4" FLAT MUNTIN
E0068

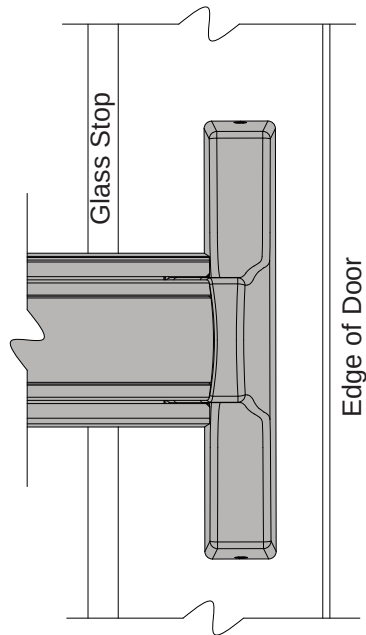
NOTE: The 3/4" flat muntin is primarily used for sliding doors, however if your project has folding and sliding doors this muntin will be used to make them all match.

NOTE: Additional muntin, kickplate, and midrail options available upon request.

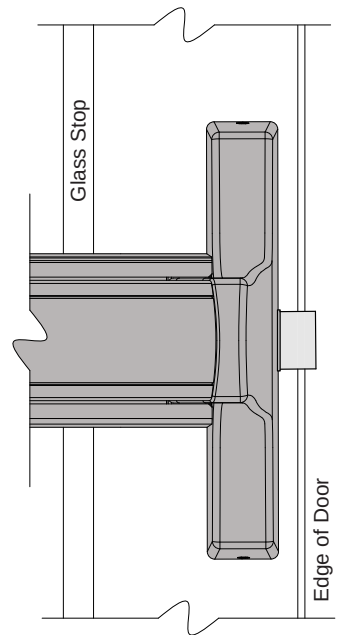
ADA - PANIC BARS

Interior Access

Two Component / Astragal Condition

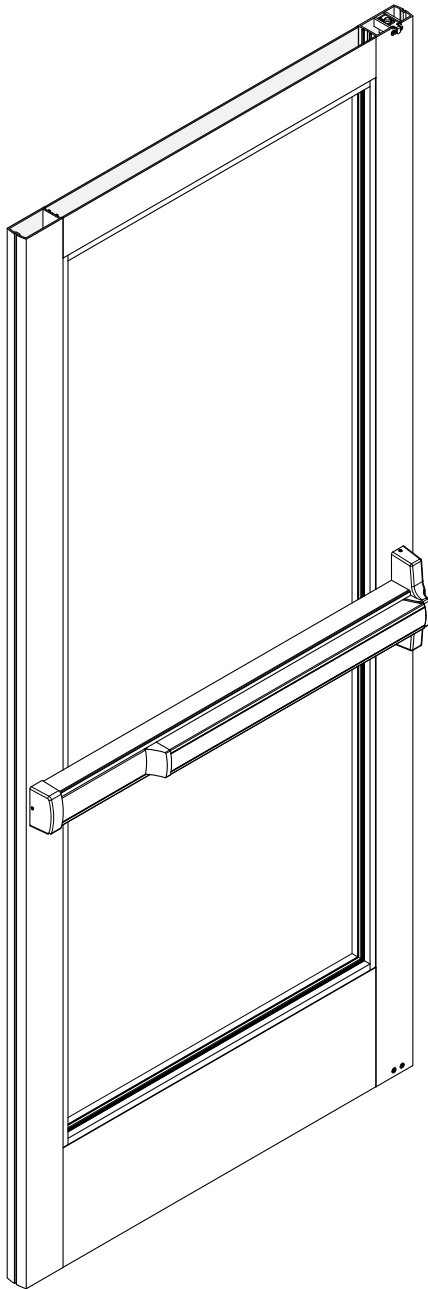
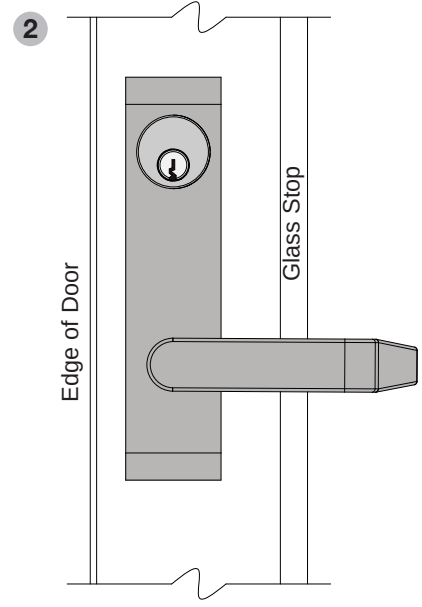
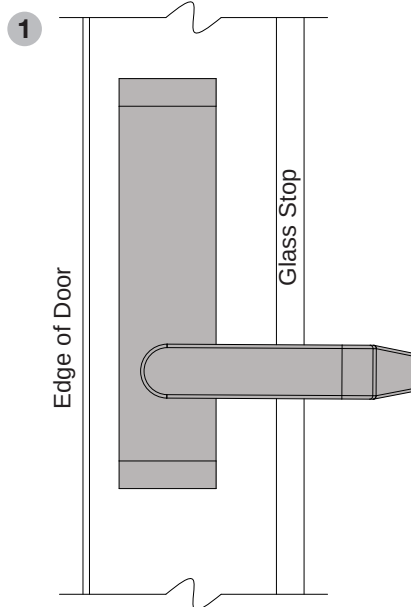


Single Component Non-Impact *By Request Only*

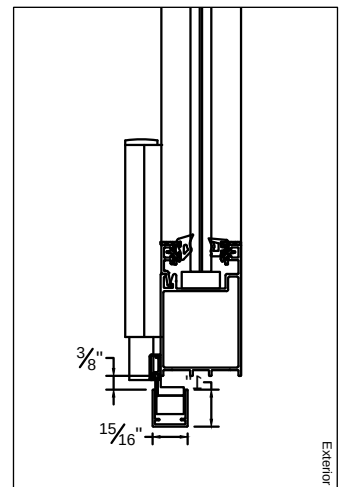
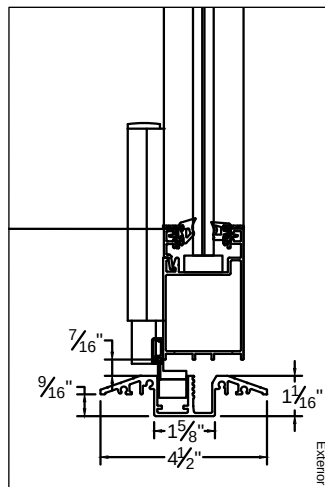
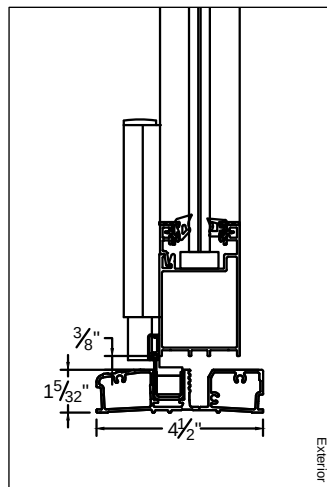
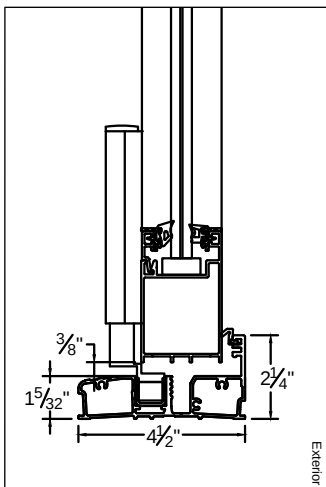
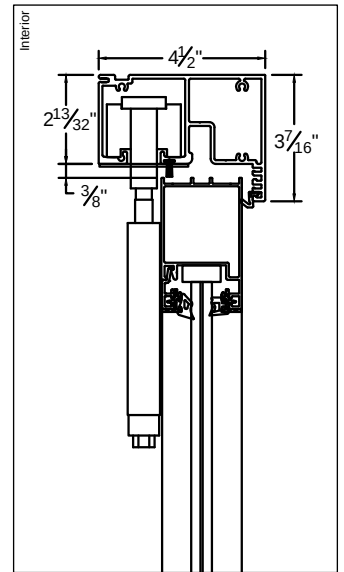
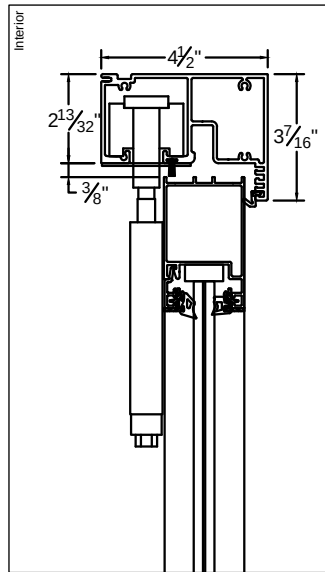
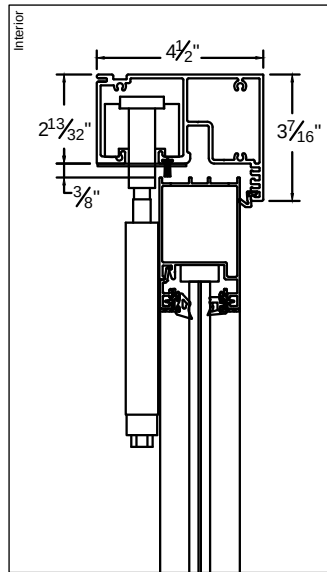
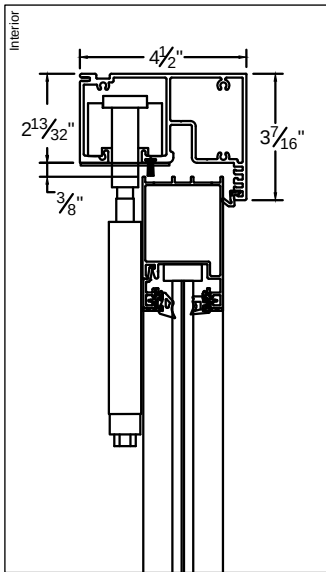


Exterior Access

Note: Optional to have no exterior access.



ELEVATION DETAILS - INSWING



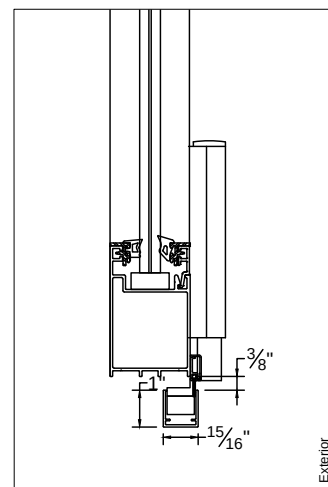
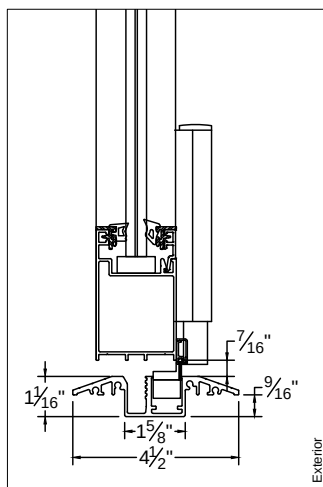
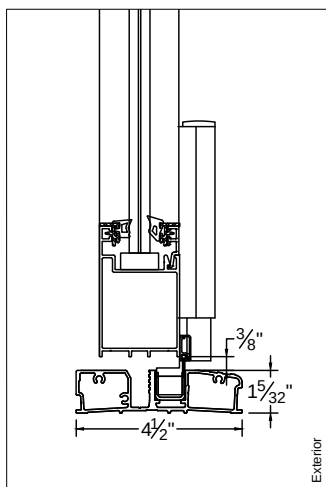
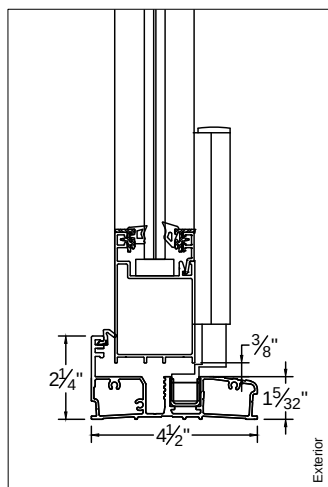
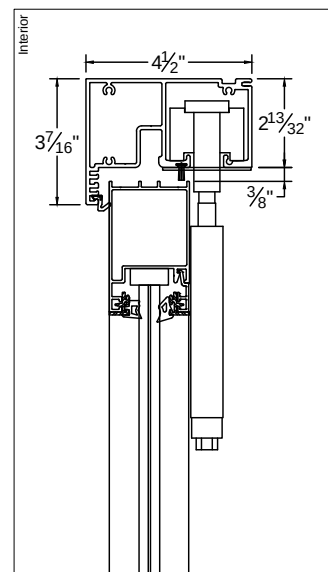
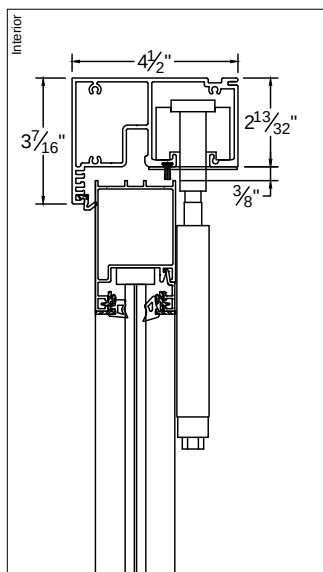
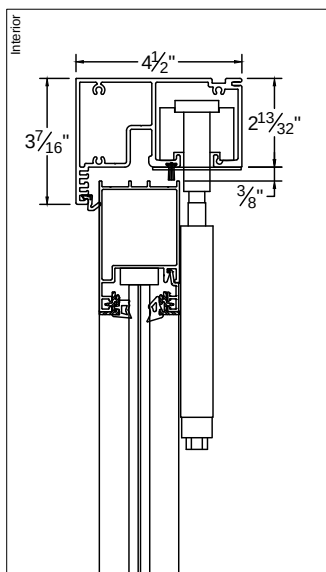
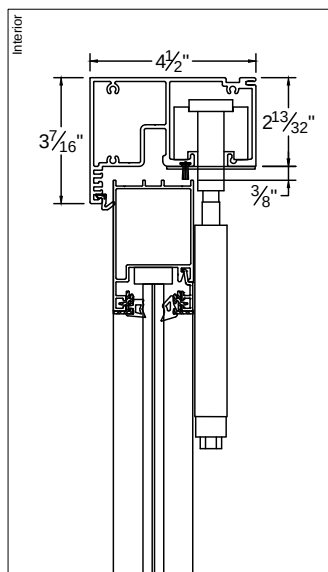
Standard Sill

Modified Sill

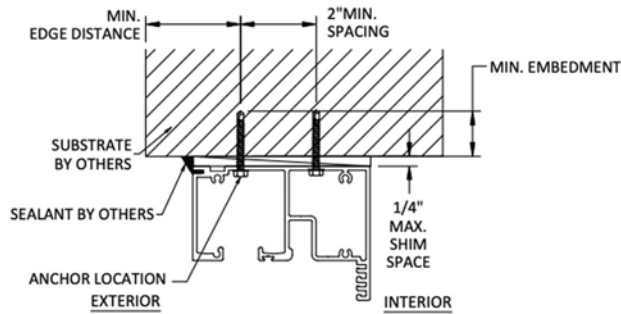
ADA Sill

Channel Sill

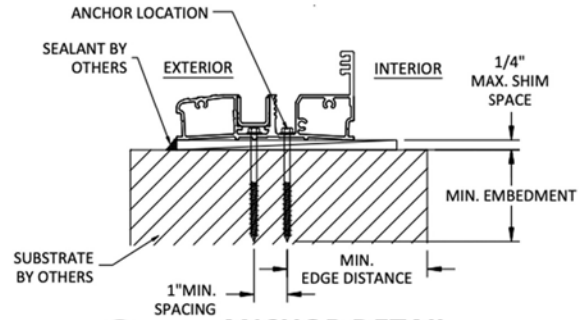
ELEVATION DETAILS - OUTSWING



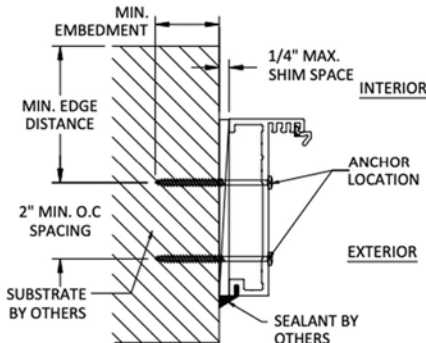
ANCHOR DETAILS



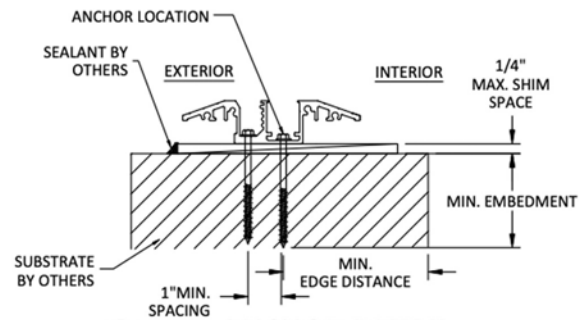
A
6 **ANCHOR DETAIL**
HEAD - THROUGH FRAME



B
6 **ANCHOR DETAIL**
STANDARD SILL - THROUGH FRAME
INSWING/OUTSWING



C
6 **ANCHOR DETAIL**
JAMBS - THROUGH FRAME



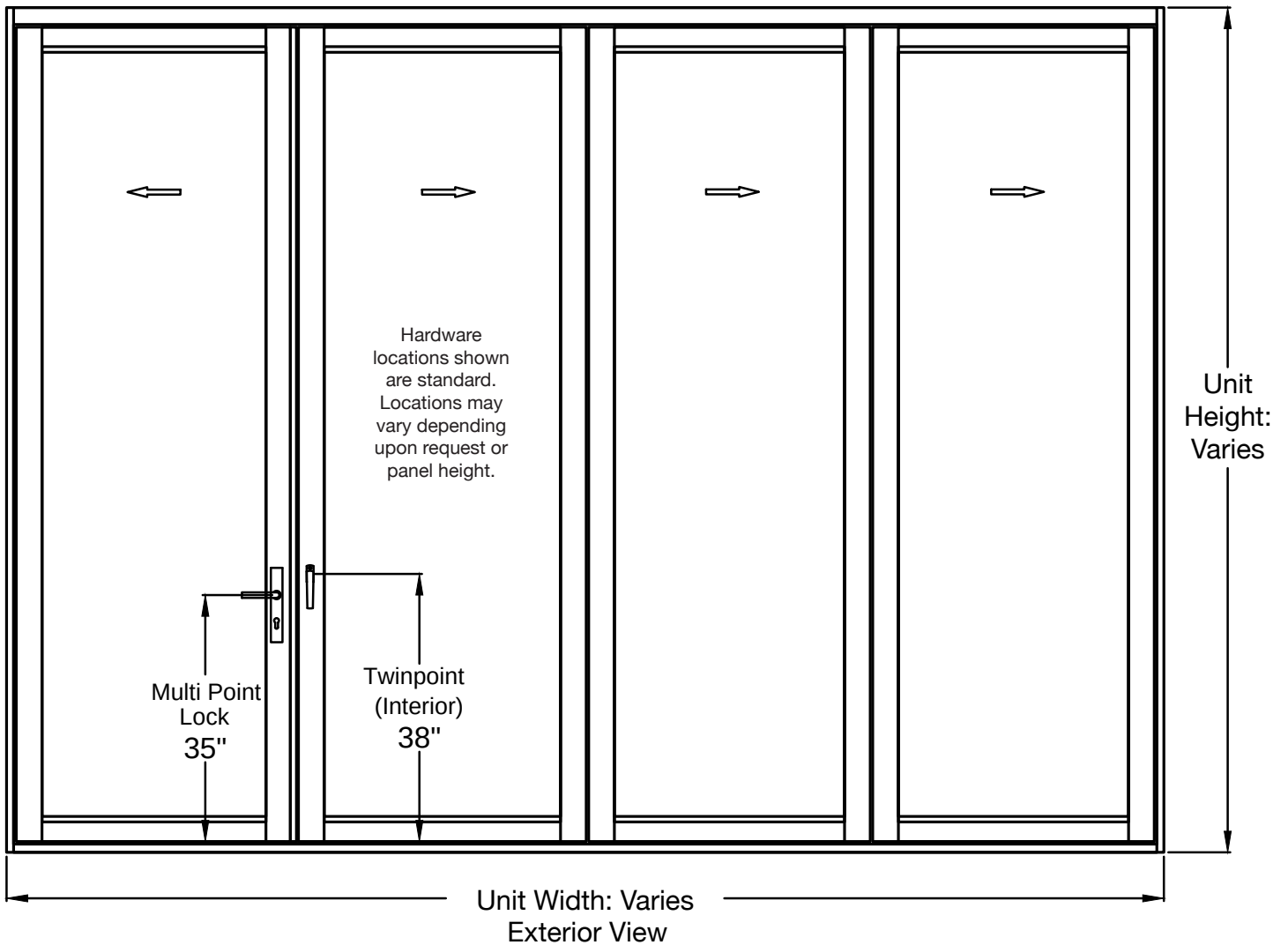
D
6 **ANCHOR DETAIL**
ADA SILL - THROUGH FRAME

ANCHOR SCHEDULE					
INSTALLATION TYPE	QTY PER LOCATION	SUBSTRATE	ANCHOR TYPE	EMBEDMENT (IN.)	EDGE DISTANCE (IN.)
THRU FRAME	2	WOOD (MIN. S.G. = 0.55)	#14 WOOD SCREW	1.5000	0.7500
	2	CONCRETE (MIN. F'C = 2,000 psi) OR CMU (PER ASTM C90)	1/4" ITW TAPCON	1.7500	2.5000
	2	METAL STUD (STEEL MIN. 18GA, Fy = 33ksi) ALUMINUM MIN 1/8", 6063-T5)	1/4" SMS OR SELF DRILLING SCREW	3 THREADS PENETRATION BEYOND METAL WALL	0.5000

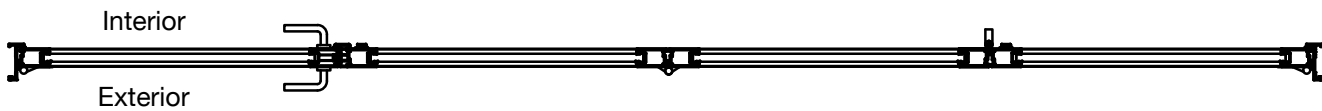
- Two installation anchors required at each location shown.
- Option 1x and 2x wood studs for concrete/CMU installation.
- The number of installation anchors depicted is the minimum number of anchors to be used for the product installation of the maximum size listed.
- Install individual installation anchors within a tolerance of $\pm 1/2$ inch the depicted location and spacing in the anchor layout details (I.E. without consideration of tolerances). Tolerances are not cumulative from one installation anchor to the next.
- Shim as required at each installation anchor with load bearing shim(s). Maximum allowable shim stack to be 3/8 inch. Shim where space of 1/16 inch or greater occurs. Shim(s) shall be constructed of high density plastic or better.

- Minimum embedment and edge distance exclude wall finishes, including but not limited to stucco, foam, brick veneer and siding.
- Installation anchors and associated hardware must be made of corrosion resistance material or have a corrosion resistant coating.
- For hollow block and grout filled block, do not install installation anchors into mortar joints. Edge distance is measured from free edge of block or edge of mortar joint into face shell of block.
- Installation anchors shall be installed in accordance with anchor manufacturer's installation instructions, and anchors shall not be used in substrates with strength less than the minimum strength specified by the anchor manufacturer.

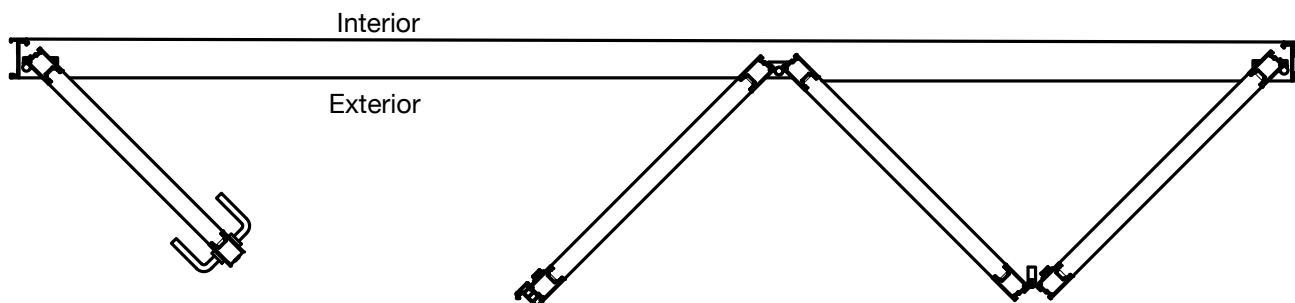
1 Left 3 Right Outswing Configuration Shown



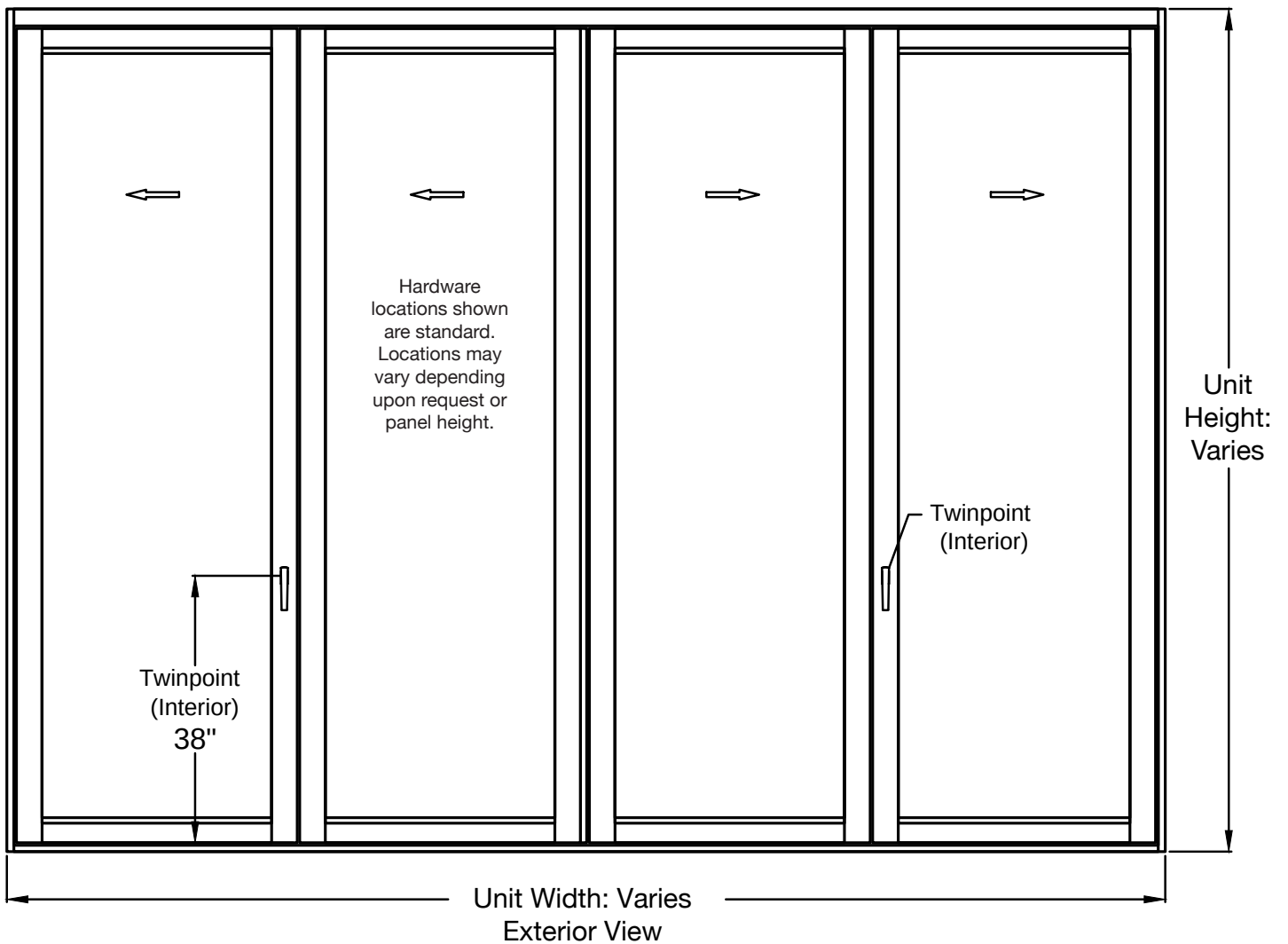
EXTERIOR ELEVATION



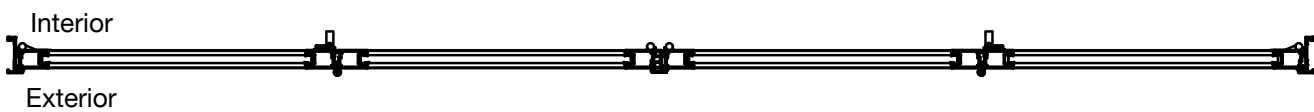
HORIZONTAL CROSS SECTION



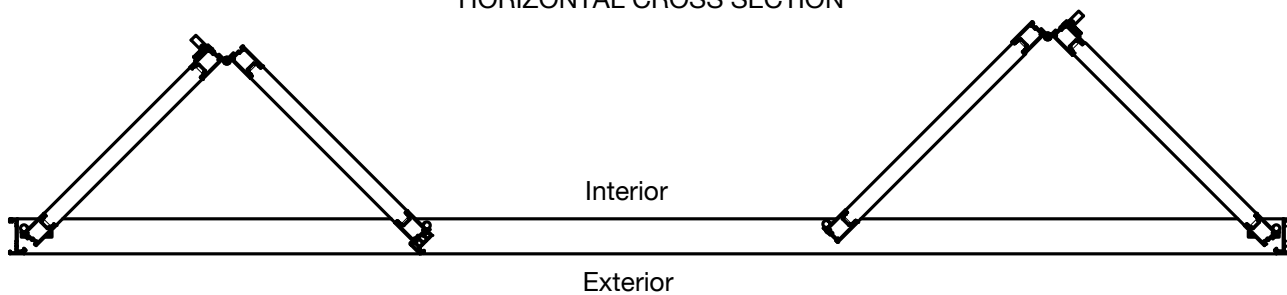
2 Left 2 Right Inswing Configuration Shown



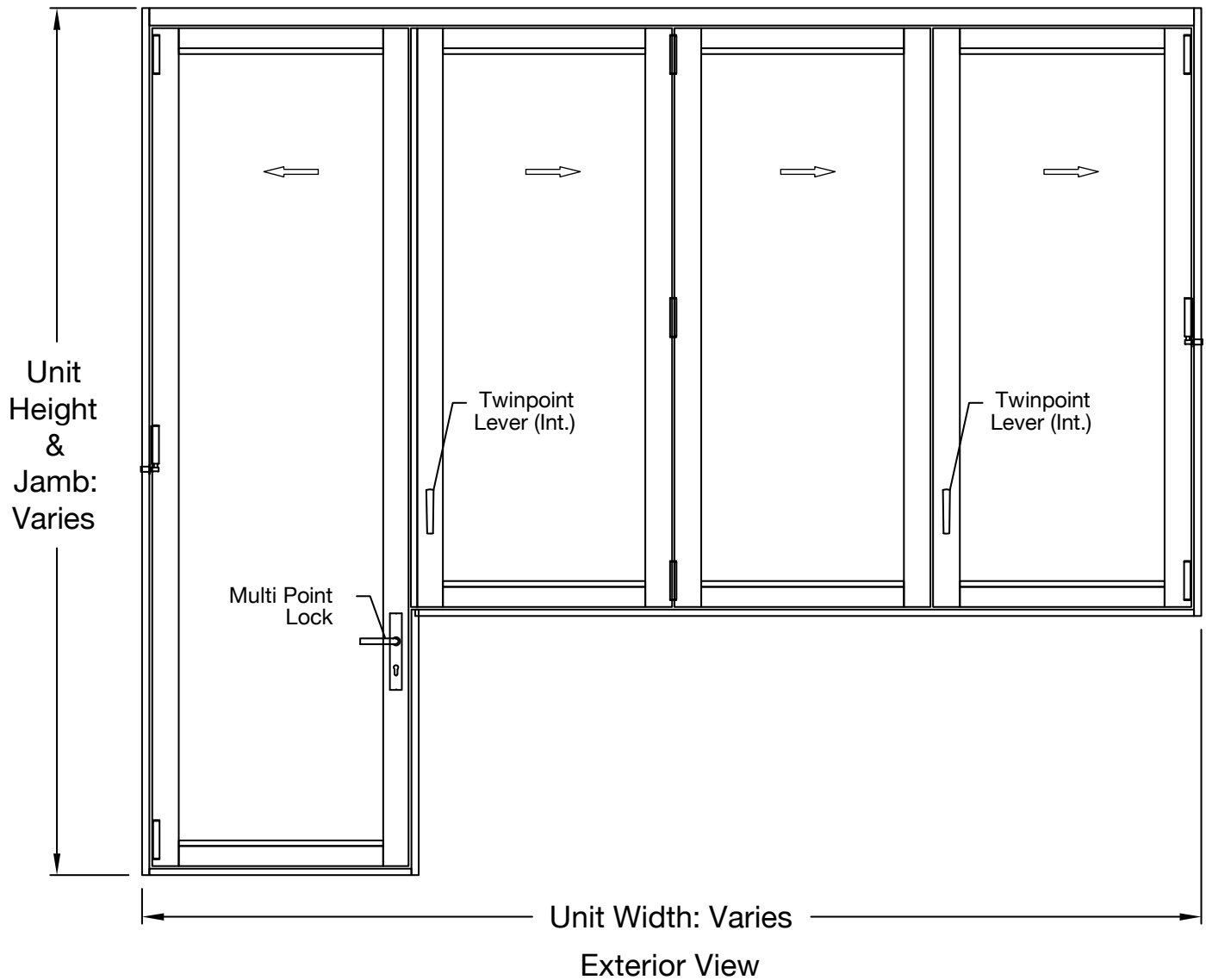
EXTERIOR ELEVATION



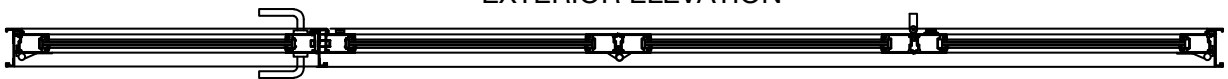
HORIZONTAL CROSS SECTION



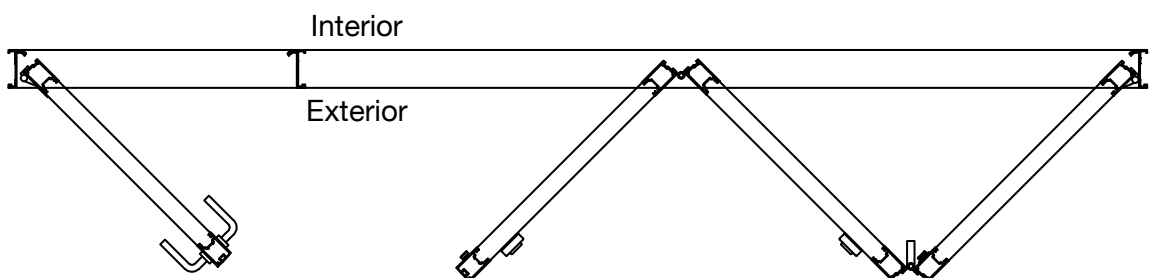
1 Left 3 Right Split Configuration Shown



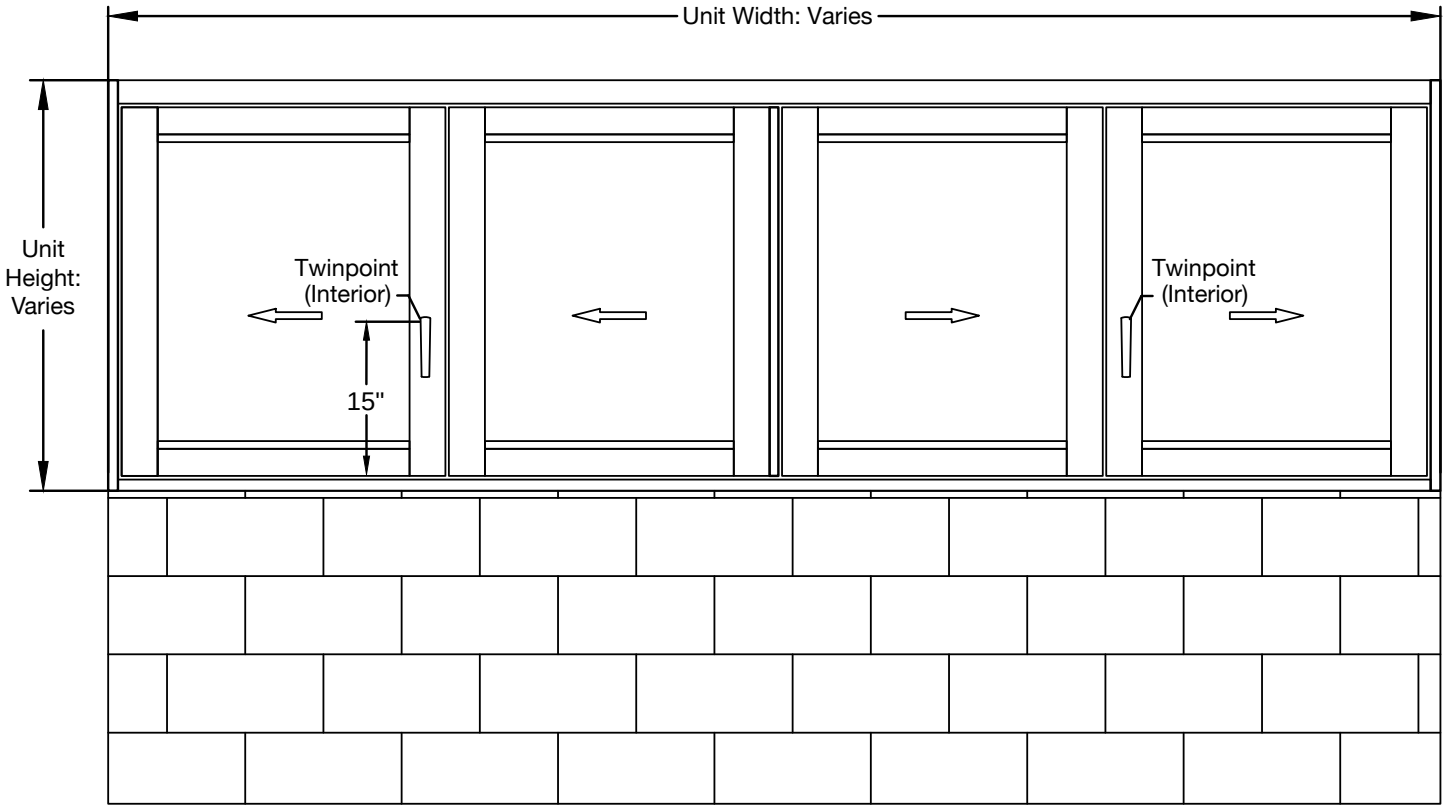
EXTERIOR ELEVATION



HORIZONTAL CROSS SECTION

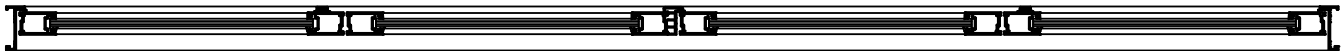


2 Left 2 Right Outswing Bar Top Configuration Shown

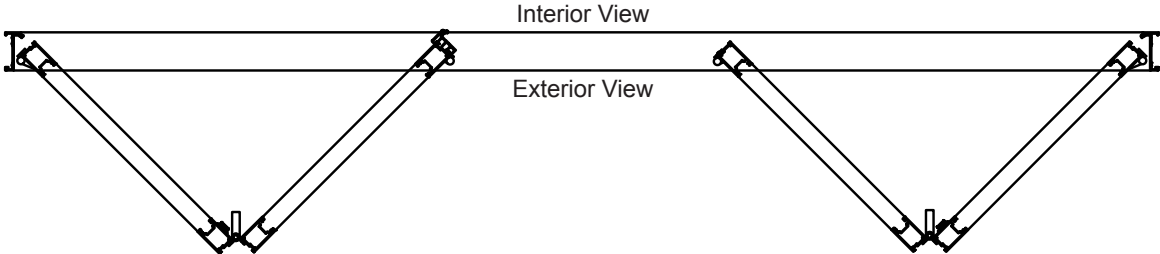


Exterior View

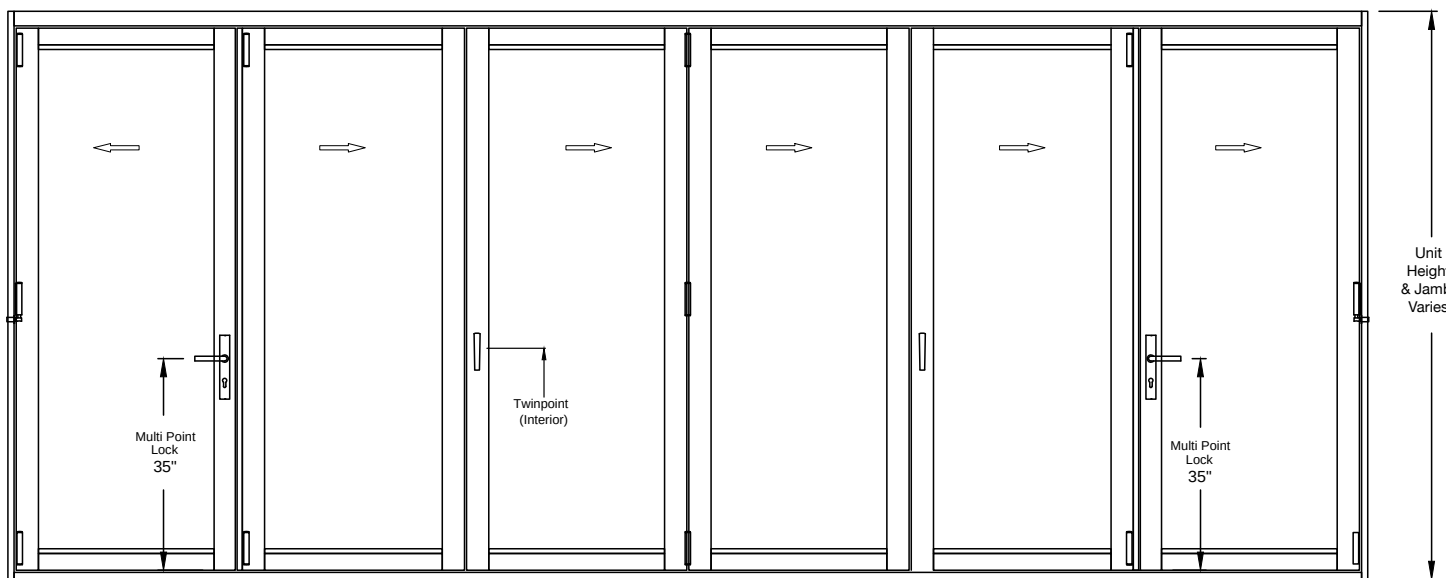
EXTERIOR ELEVATION



HORIZONTAL CROSS SECTION



1 Left 4 Left/Right 1 Right Multidirectional Configuration Shown



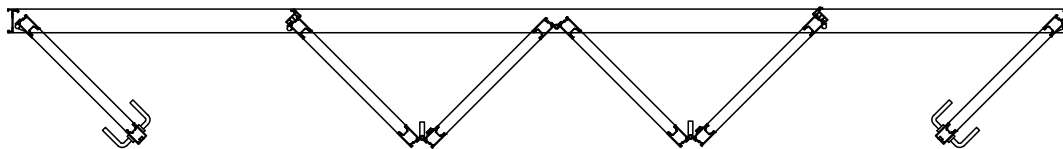
Exterior View

EXTERIOR ELEVATION



HORIZONTAL CROSS SECTION

Interior View



Exterior View

DESIGN PRESSURE CHART

HVHZ & Wind Zone 3

HVHZ & Wind Zone 3

	Panel Width										
	20	24	28	32	36	40	44	48	52		
Panel Height	72	65	65	65	65	65	65	65	65	HVHZ	
	78	65	65	65	65	65	65	65	65		
	84	65	65	65	65	65	65	65	65		
	90	65	65	65	65	65	65	65	65		
	96	65	65	65	65	65	65	65	65		
	102	65	65	65	65	65	65	65			
	108	65	65	65	65	65	65	65			
	114	65	65	65	65	65	65				
	120	65	65	65	65	65					
	126	65	65	65	65	65					
	132	65	65	65	65						
	138	65	65	65	65						
	144	65	65	65	65						
	150	65	65	65	65						
	156	65	65	64.9	64.3						
	162	65	65	57.9	57						
168	65	60.4	51.9	50.9							
					WIND ZONE 3						

Non-Impact

Non-Impact		Panel Width								
Panel Height		20	24	28	32	36	40	44	48	52
	72	100	100	100	100	100	97.5	88.6	81.3	75
	78	100	100	100	100	100	97.5	88.6	81.3	75
	84	100	100	100	100	100	97.5	88.6	81.3	75
	90	100	100	100	100	100	97.5	88.6	81.3	75
	96	100	100	100	100	100	97.5	88.6	81.3	75
	102	100	100	100	98.7	88.6	80.7	74.4	69.2	64.9
	108	100	100	93.8	82.8	75	68.1	65	59.6	55
	114	100	92.2	79.5	75	75	68.1	65	59.6	55
	120	94.2	78.9	75	75	68.1	63.5	58.3	54	50.4
	126	81.3	75	74.4	65.5	65	58.5	53.2	48.8	45
	132	75	75	65	65	65	58.5	53.2	48.8	
	138	75	65.6	65	65	65	58.5	53.2	48.8	
	144	69	65	65	65	58.5				
	150	65	65	65	64.3	57.4				
	156	65	65	64.9	57	50.9				
	162	65	65	57.9	50.9					
	168	65	60.4	51.9	45.6					
	174	65	54.3	46.7						
180	58.7	49	42.1							

TEST PERFORMANCE RESULTS

- Approved for use in Miami-Dade HVHZ Zone
- Florida Building Code Approved
Product Approval FL 17838
- Air Infiltration: ASTM E283-04
- Water Infiltration: ASTM E331-00
- Wind Load: TAS 202-94
- Large Missile Impact: TAS 201-94
- Cyclic Load: TAS 203-94
- Forced Entry: ASTM F842-14





EURO-WALL 10 YEAR WARRANTY

Euro-Wall warrants the products to be free from manufacturing defects for a period of 10 years from the date of purchase.

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2200 Murphy Court
North Port, Florida 34289
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1211 Stirling Road, Unit 102,
Dania Beach, Florida 33004
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