

# 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 any opening width 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**

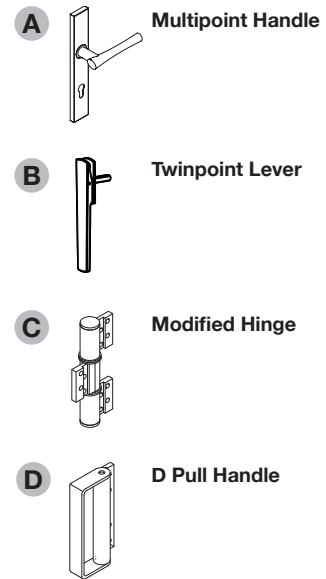


#### PANEL MINIMUM / MAXIMUM

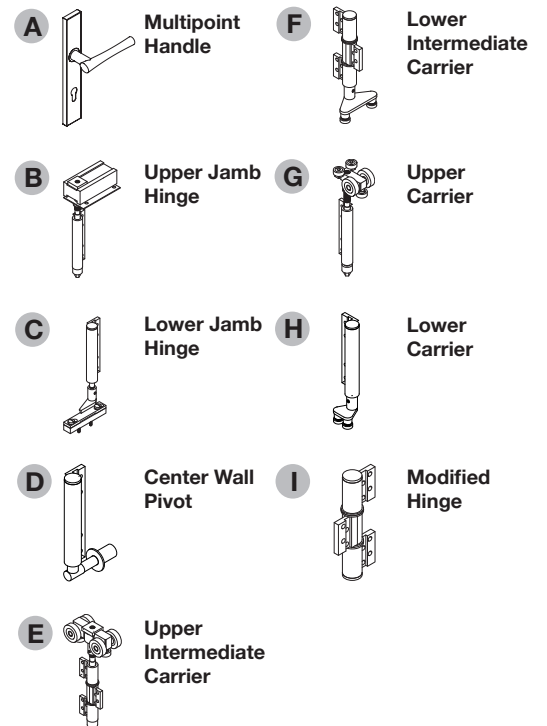
|                   |         |                   |           |
|-------------------|---------|-------------------|-----------|
| Max Panel Weight: | 350 lbs | Min Panel Height: | 32"       |
| Min Panel Width:  | 18"     | Max Panel Height: | 168"      |
| Max Panel Width:  | 52"     | Max Sq Ft:        | 415 sq ft |

## OVERVIEW DIAGRAM

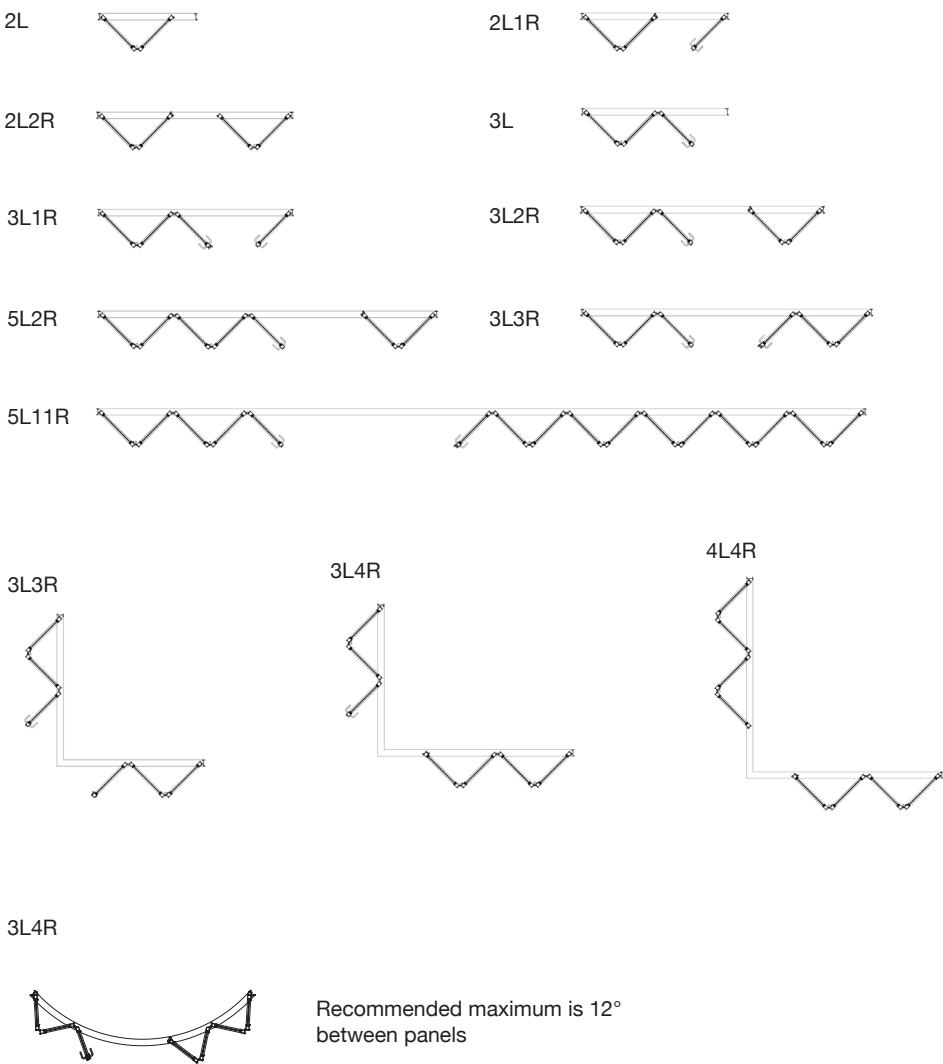
Interior View



Exterior View

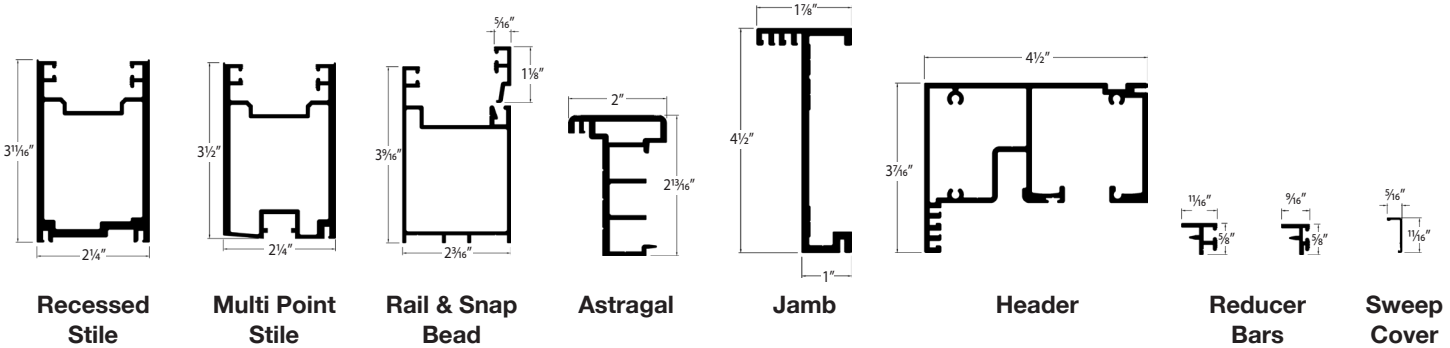


# CONFIGURATIONS



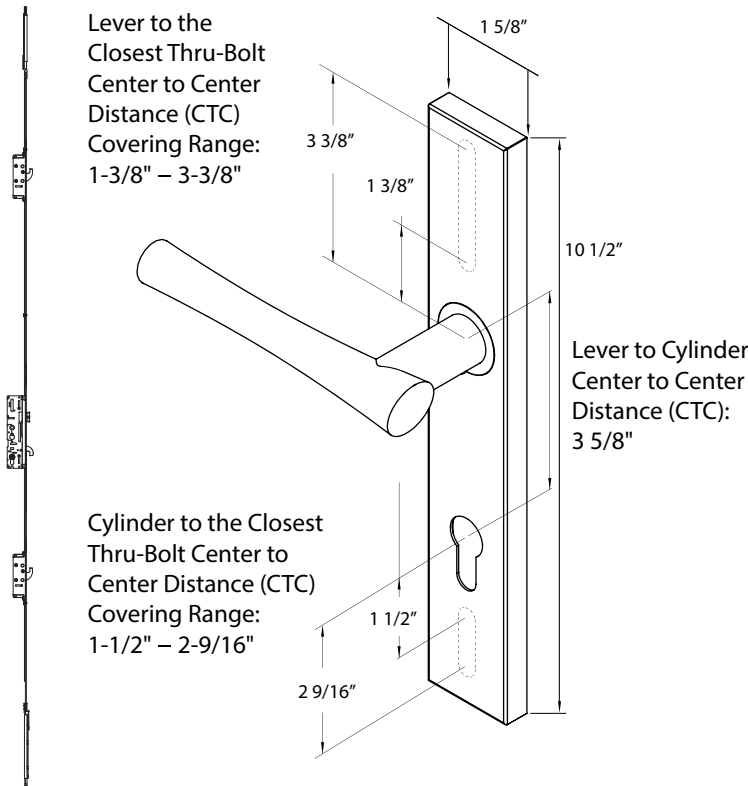
**NOTE:** These configurations are just a few examples of the numerous possibilities for Vista Fold™ layout options. For installations in Florida, see the Florida Product Approval.

# EXTRUSION PROFILES



# HANDLES

## Multi Point 5 Point Locking Handle

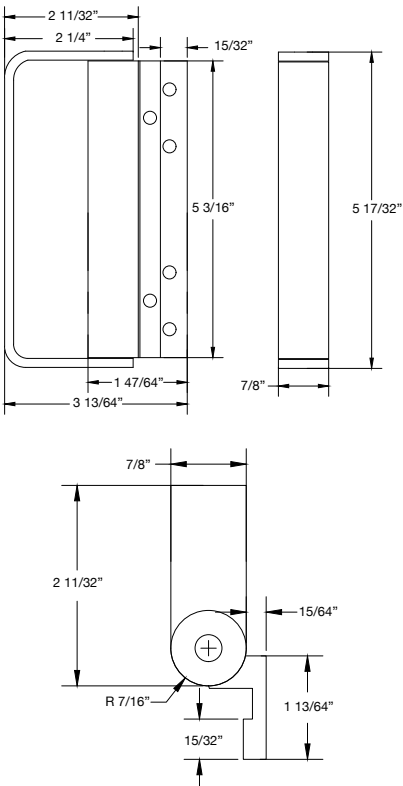


Details of multi point lock continued on pg. 5



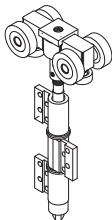
# PULL HARDWARE

## D Pull Handle

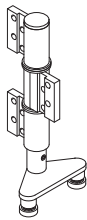


# HINGES

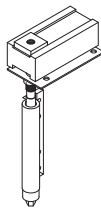
## Upper Intermediate Carrier



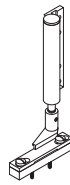
## Lower Intermediate Carrier



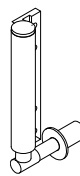
## Upper Jamb Hinge



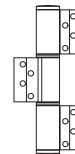
## Lower Jamb Hinge



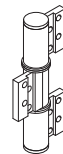
## Center Wall Pivot



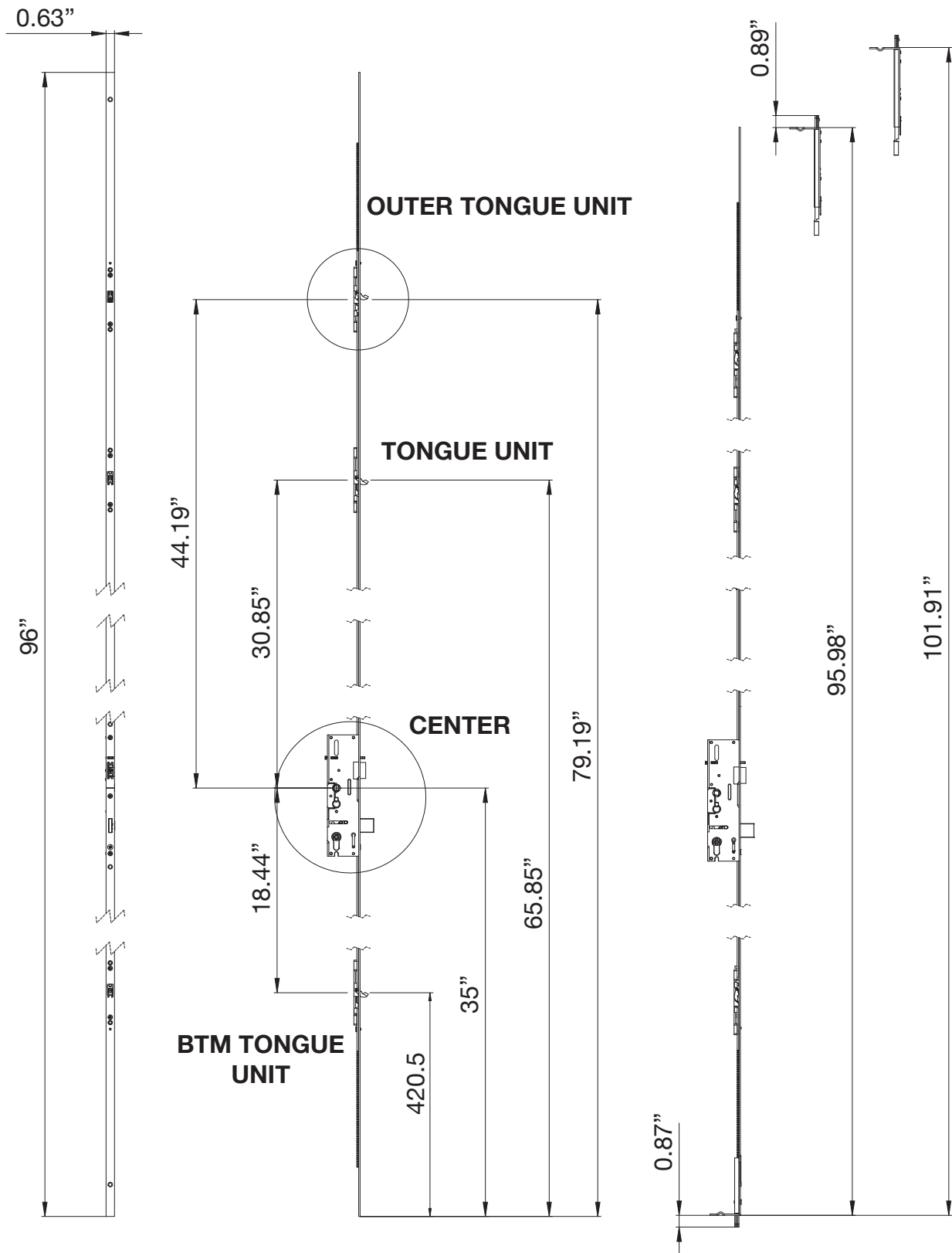
## Straight Hinge



## Modified Hinge

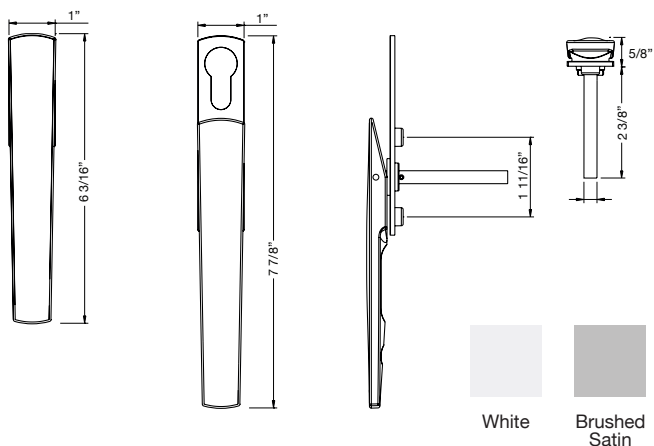




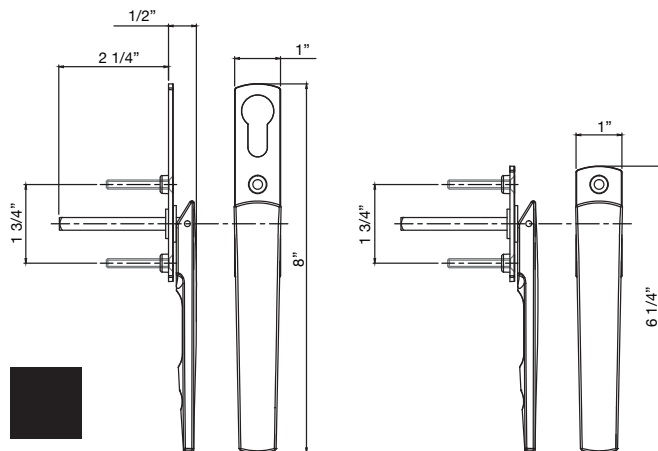


## LOCKS

### Twinpoint Lever



### Twinpoint Lever Short



### Thumb Turn Locks



**50mm Single Sided • Twinpoint Lever**  
Euro Cylinder Key  
Use: Exterior Locking Only



**70mm Double Sided • Twinpoint Lever**  
Euro Cylinder Key / Thumb Turn  
Use: Swing Door or Special Request



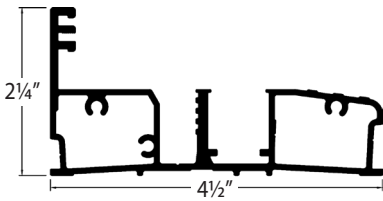
**70mm Double Sided • Twinpoint Lever**  
Euro Cylinder Key / Key  
Use: Standard Option



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



## SILLS



**Standard  
Sill**

**HVHZ Impact Rated  
Water Rated**



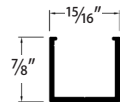
**Modified  
Standard Sill**

**HVHZ Impact Rated**



**ADA  
Sill**

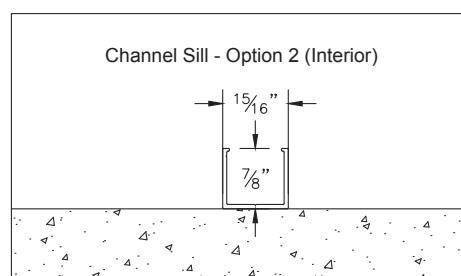
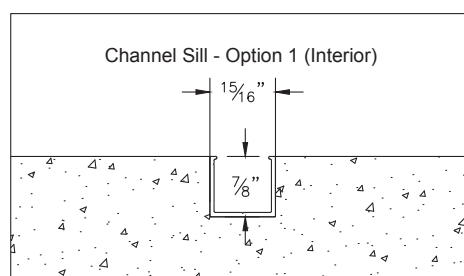
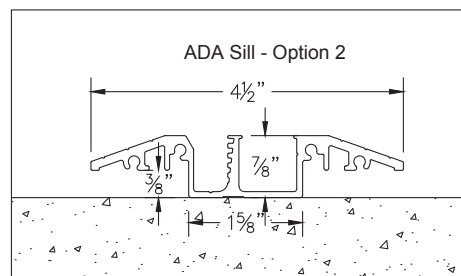
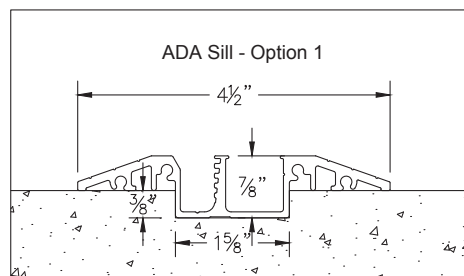
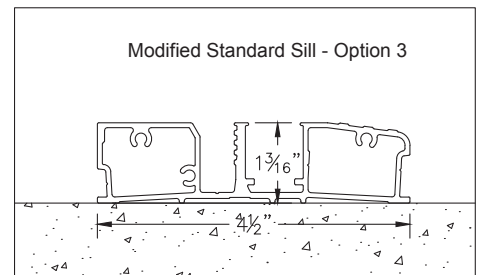
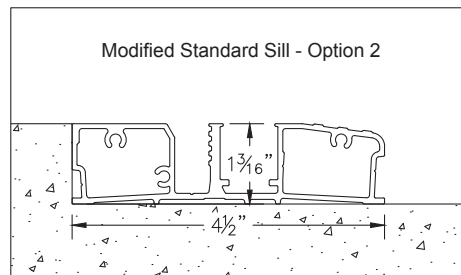
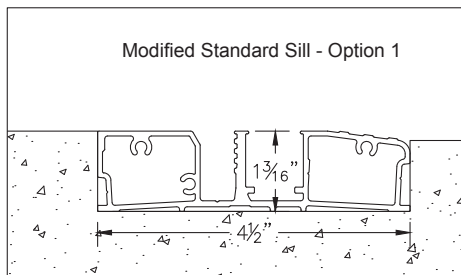
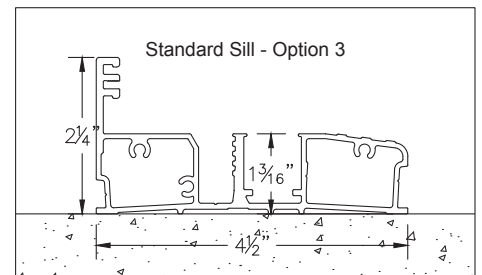
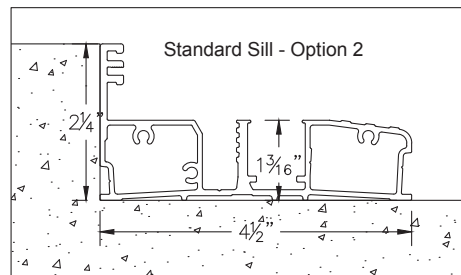
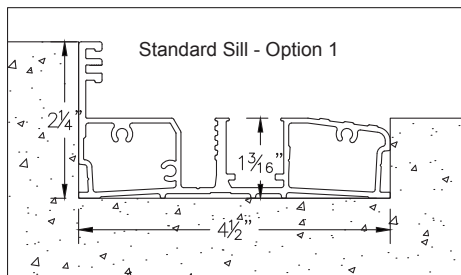
**HVHZ Impact Rated**



**Channel  
Sill**

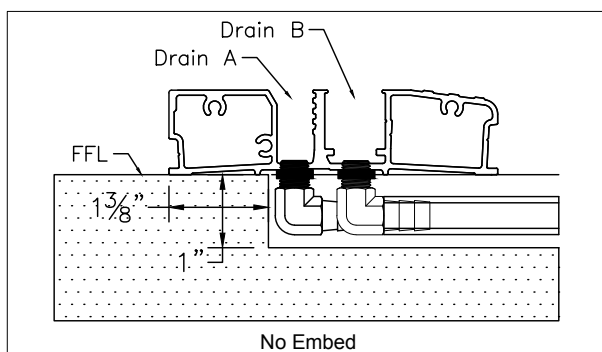
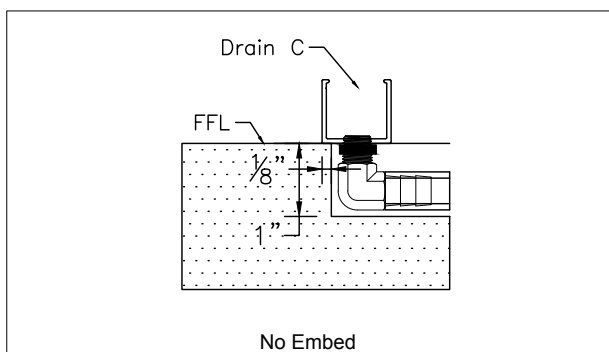
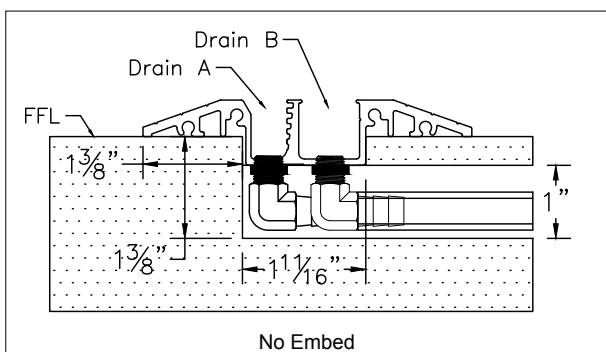
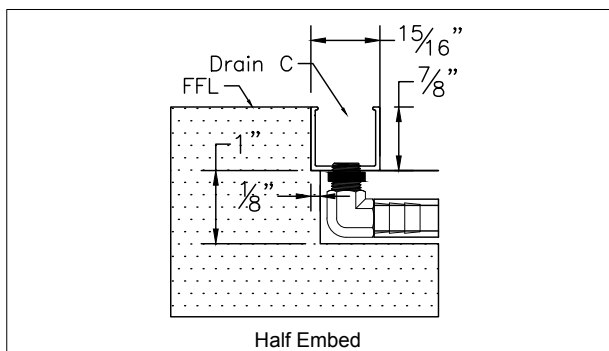
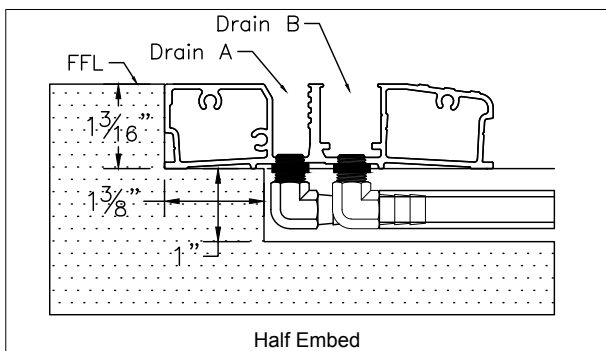
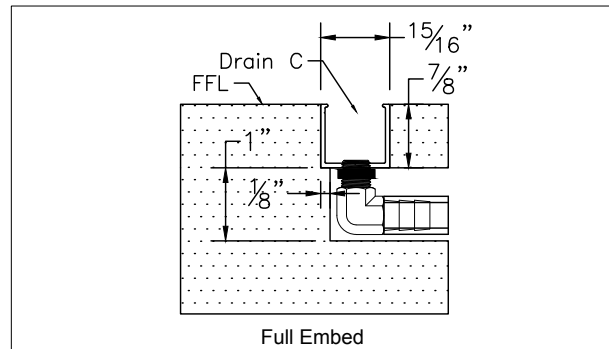
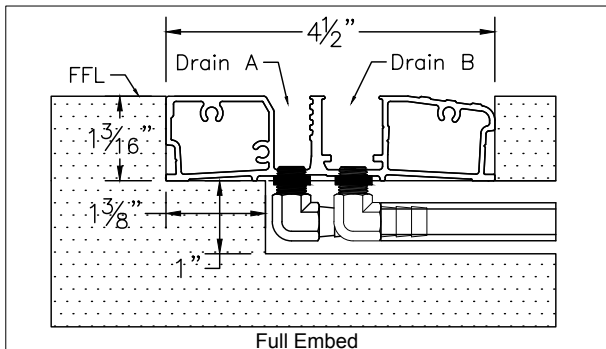
**Interior  
Use Only**

## EMBED OPTIONS



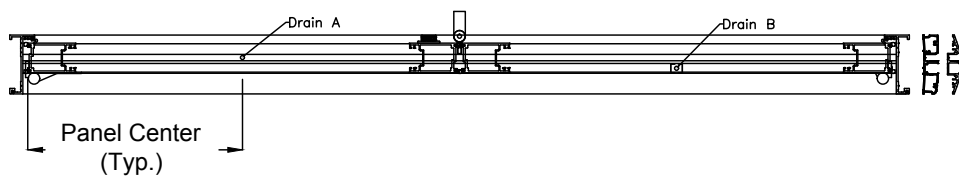
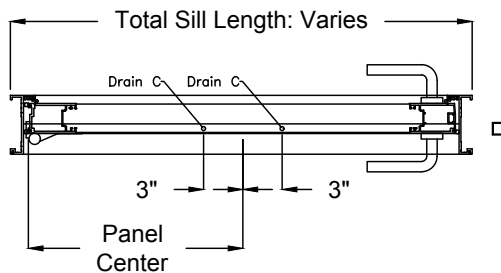
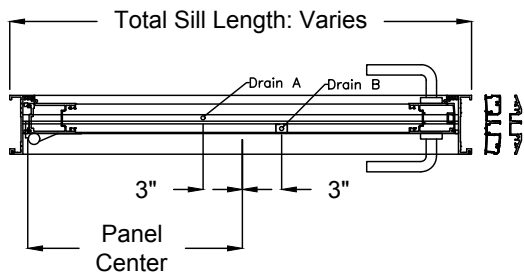
## WATER MANAGEMENT

### Typical Drain Hole Embedding

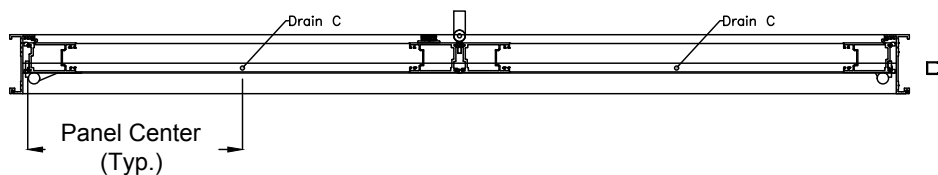


### Typical Drain Hole Location

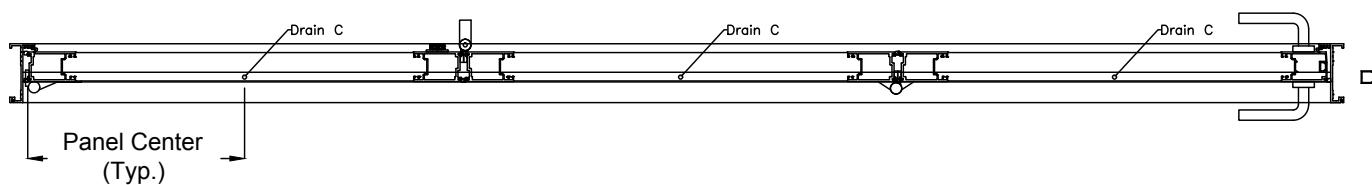
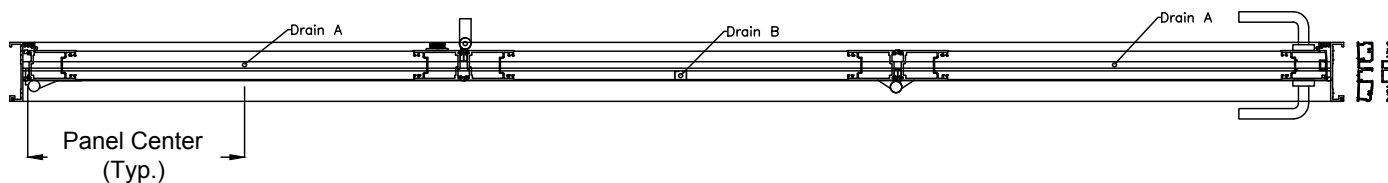
Drill using a  $\frac{5}{16}$ " Bit, and Tap using a  $\frac{1}{8}$ " NPT, with 27 Threads per Inch



ADA & Modified Still - Staggered repeating pattern



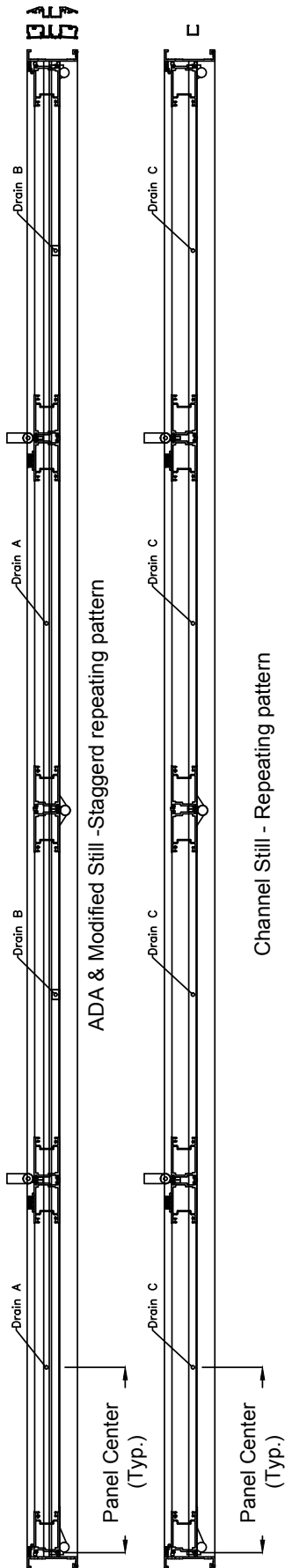
Channel Still - Repeating pattern



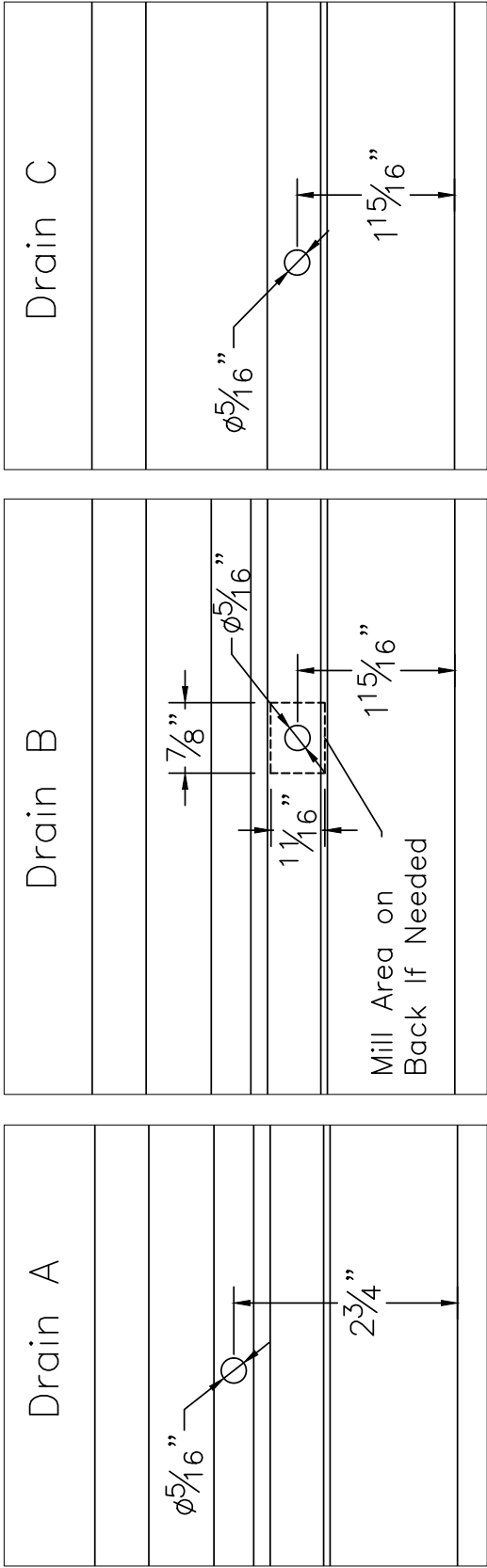


Typical Drain Hole Location

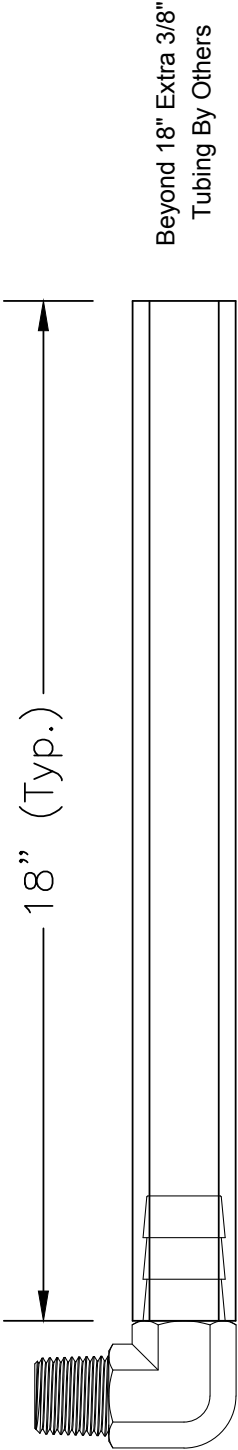
Drill using a 5/16" Bit, and Tap using a 1/8" NPT, with 27 Threads per Inch



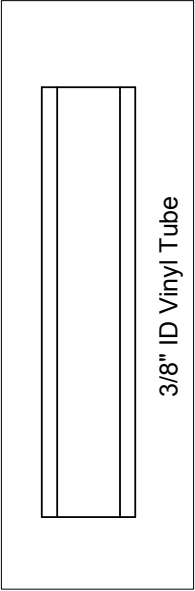
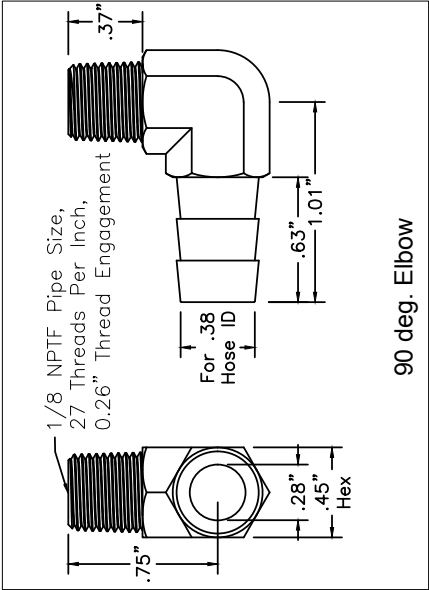
Typical Drain Hole Milling



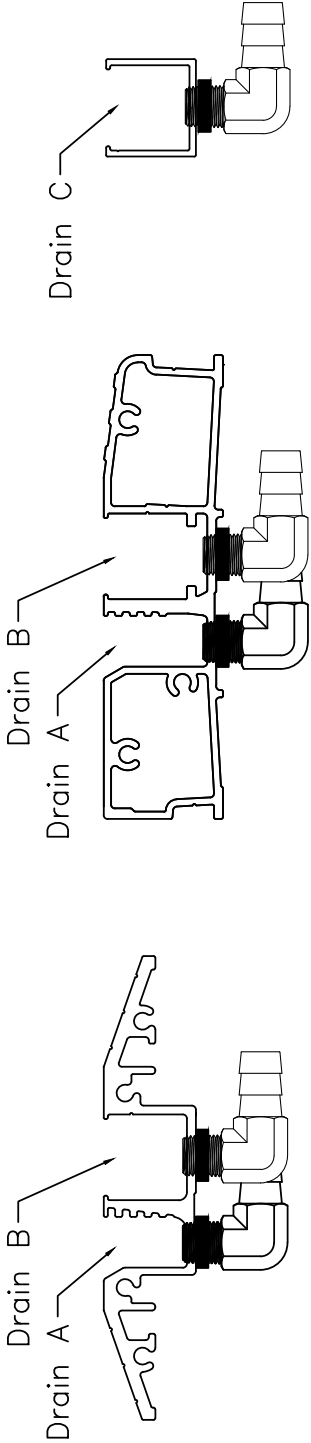
Water Management System Parts



Water Managment Assembly

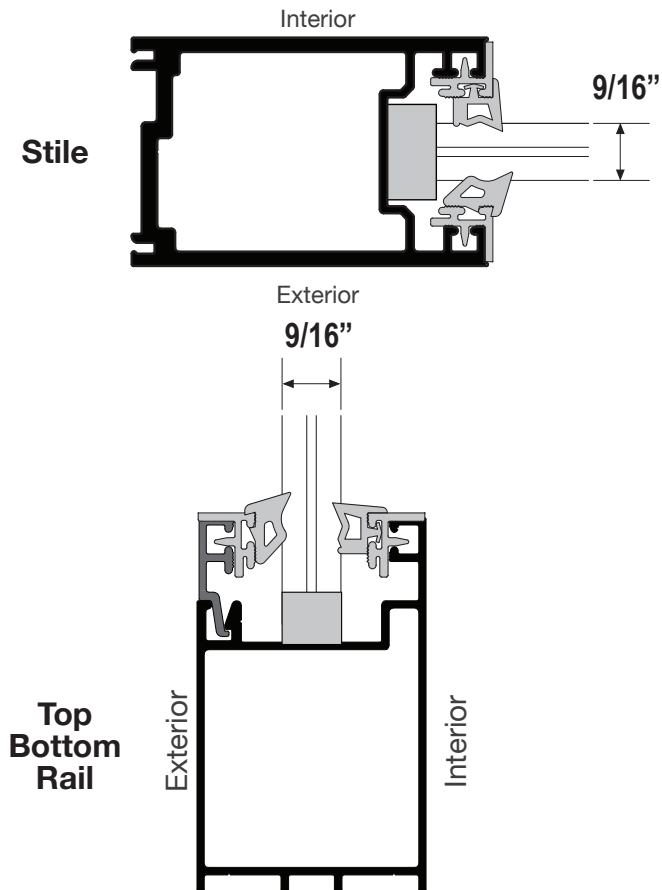


Typical Drain Hole Location

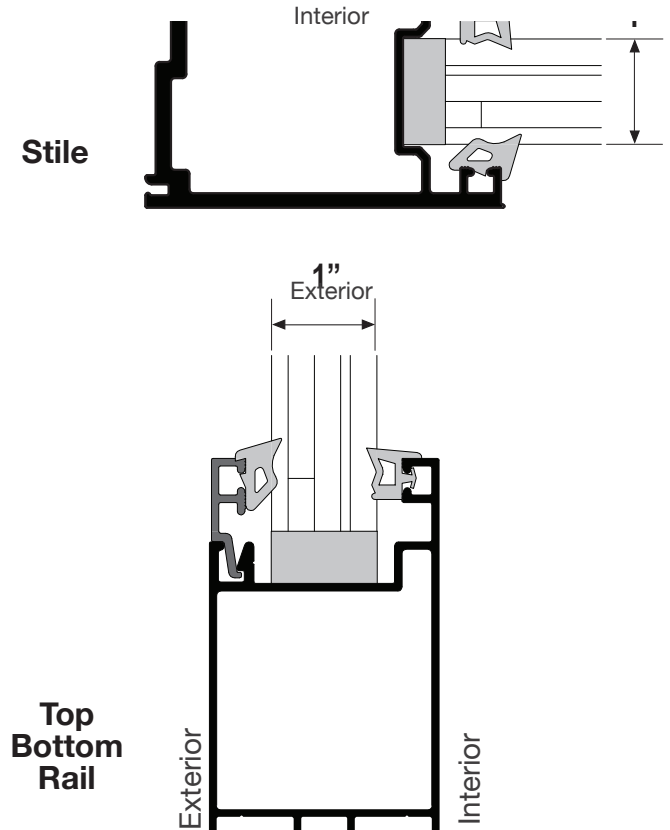


## GLAZING DETAILS

### Impact Glass (9/16" Monolithic)

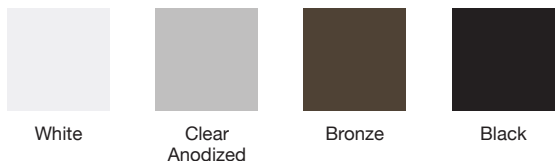


### IG Impact



## FINISH OPTIONS

### Standard Finishes



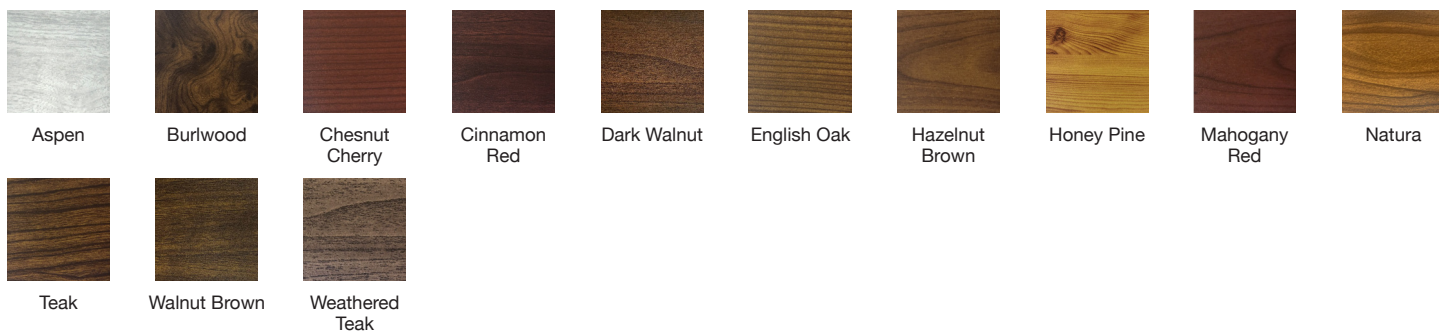
### Standard Wood Finishes



### Exotic Wood Finishes

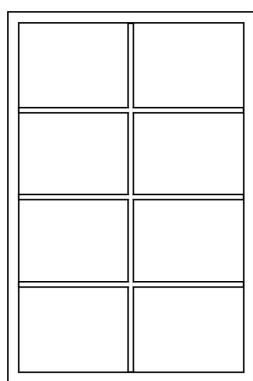


### Faux Wood Grain Finishes

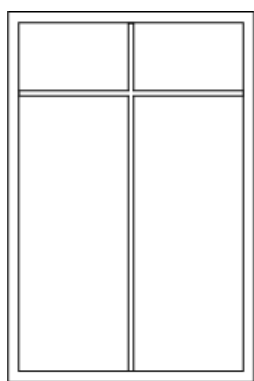


## GRID OPTIONS

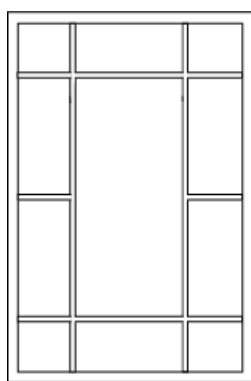
These muntin configurations are just a few examples of the numerous possibilities. All configurations are available in aluminum or wood.



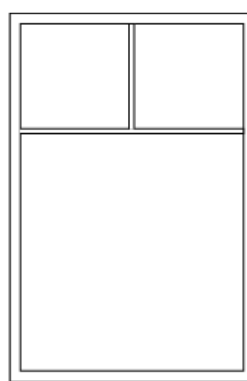
Traditional Grid



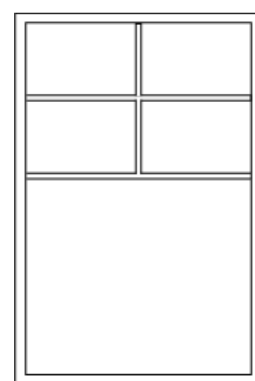
Cross Grid



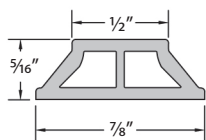
English Grid



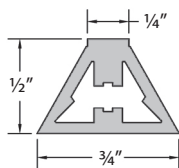
Ladder



Double Ladder



7/8" OG MUNTIN



3/4" STANDARD MUNTIN



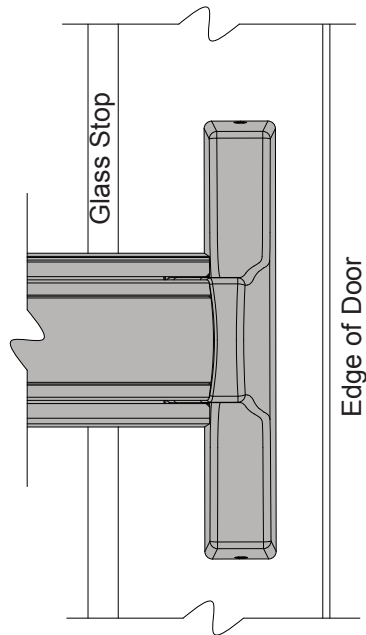
3/4" FLAT MUNTIN

**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.

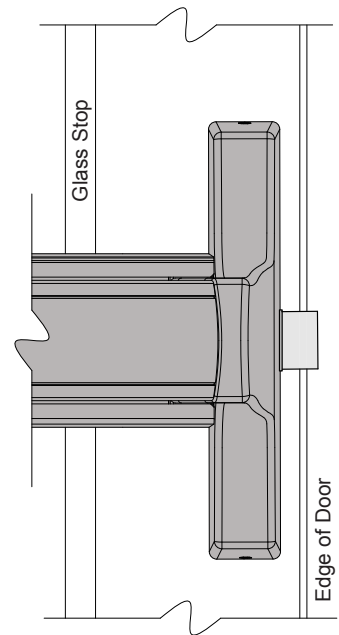
## ADA - PANIC BARS

### Interior Access

#### Two Component / Astragal Condition

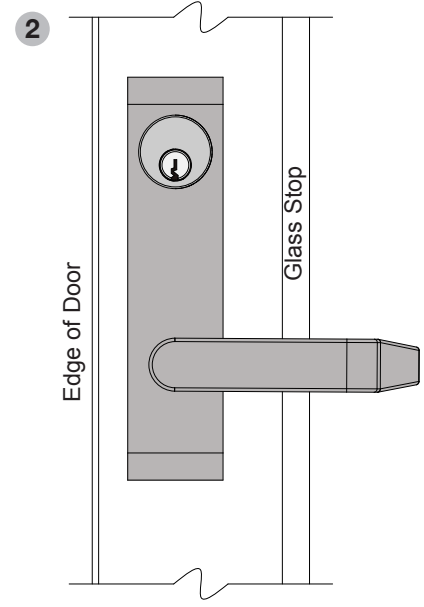
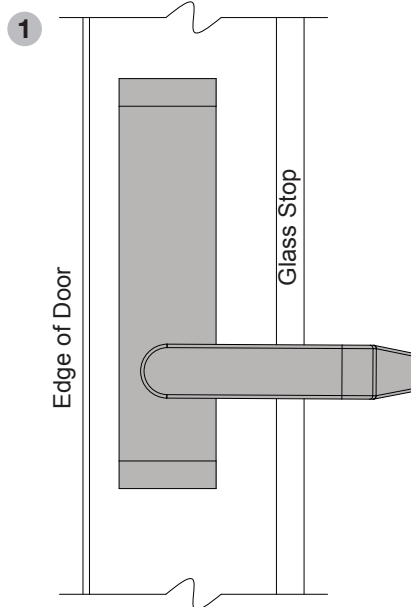


#### Single Components Condition

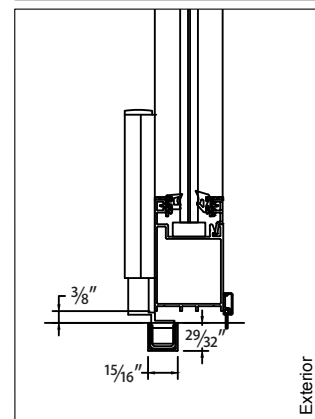
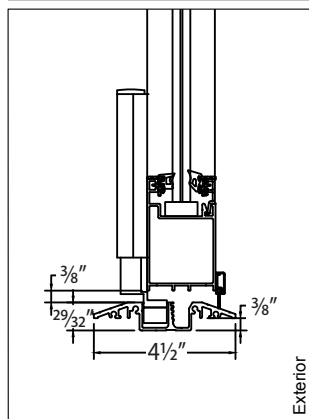
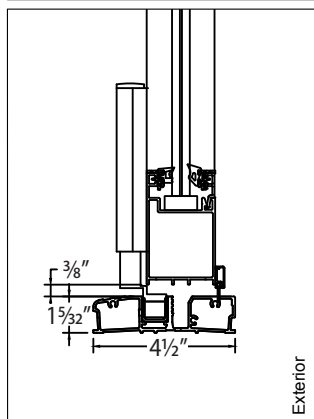
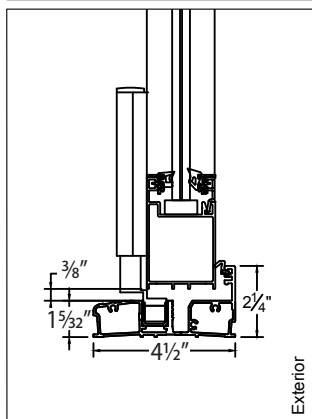
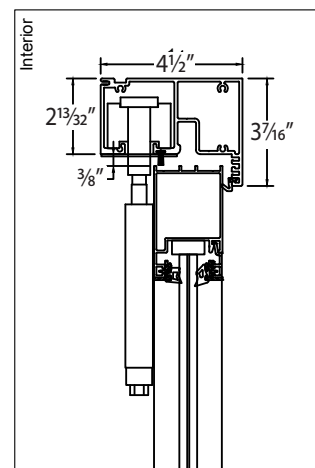
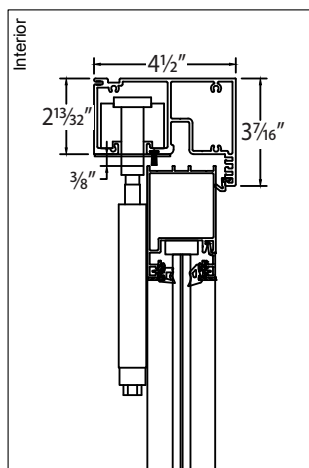
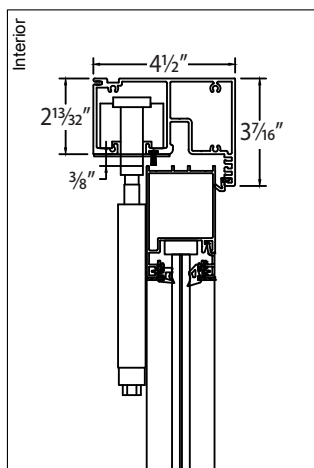
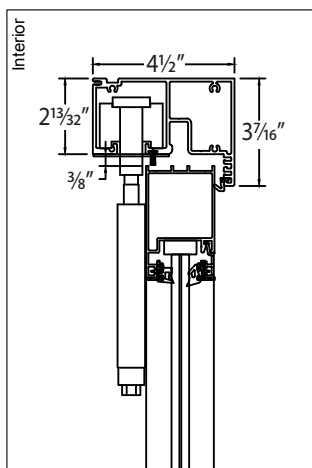


### Exterior Access

Note: Optional to have no exterior access.



## ELEVATION DETAILS

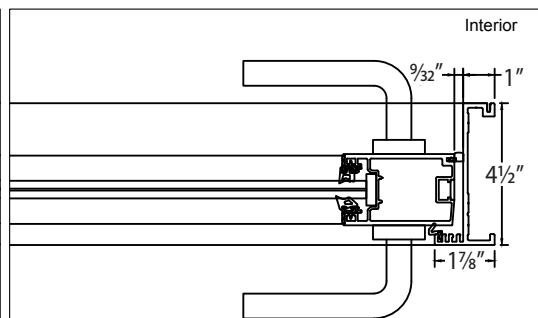
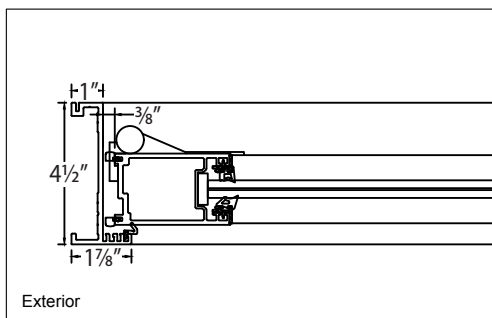


Standard Sill

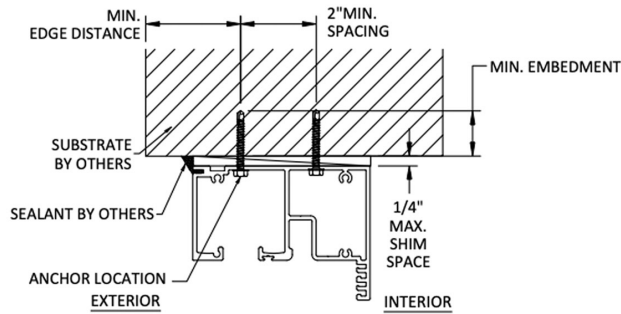
Modified Sill

ADA Sill

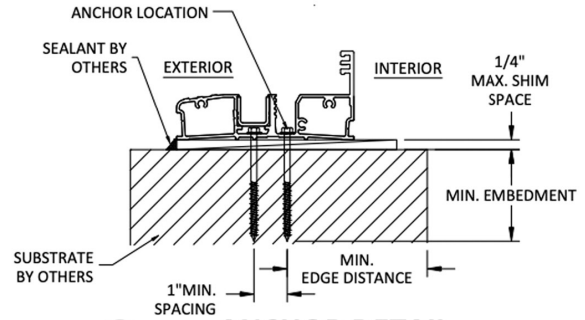
Channel Sill



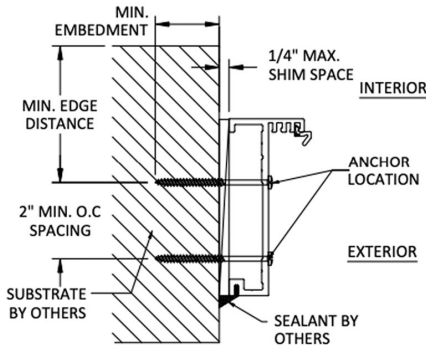
## ANCHOR DETAILS



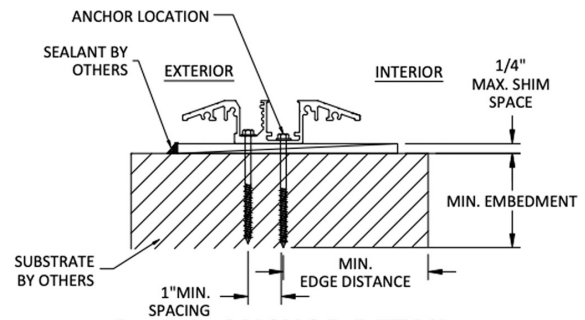
**A**  
**6** **ANCHOR DETAIL**  
HEAD - THROUGH FRAME



**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

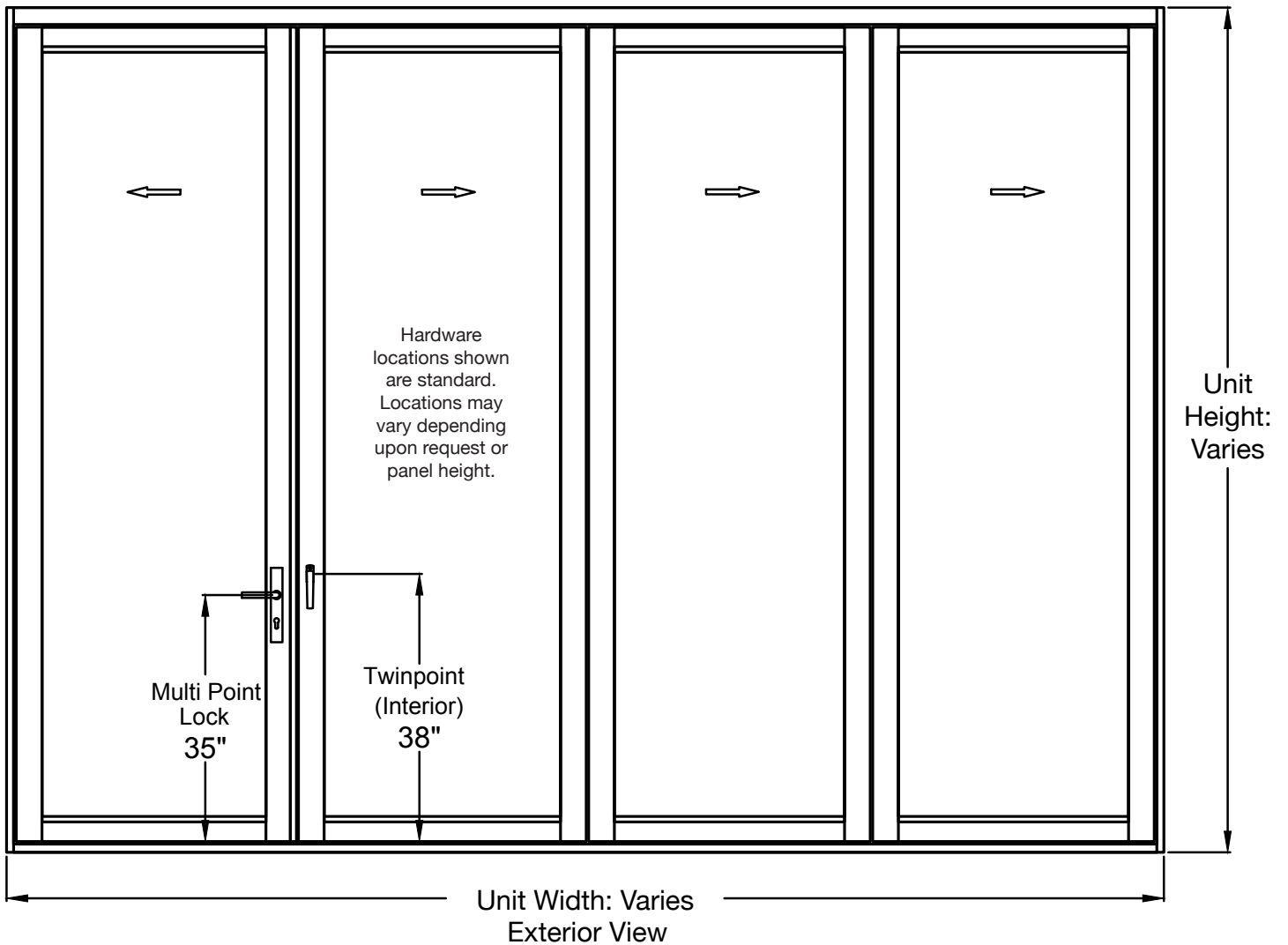
| ANCHOR SCHEDULE   |                  |                                                                         |                                 |                                         |                     |
|-------------------|------------------|-------------------------------------------------------------------------|---------------------------------|-----------------------------------------|---------------------|
| 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)<br>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.

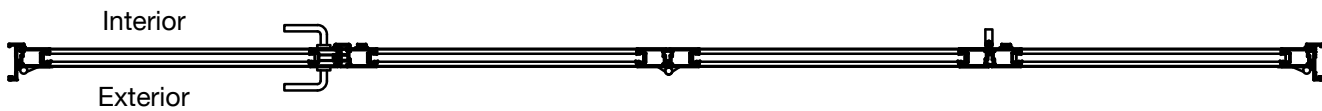
- Minimum embedment and edge distance exclude wall finishes, including but not limited to stucco, foam, brick veneer and siding.
- Installation anchors and associated hardware must be made of corrosion resistance material or have a corrosion resistant coating.
- For hollow block and grout filled block, 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.



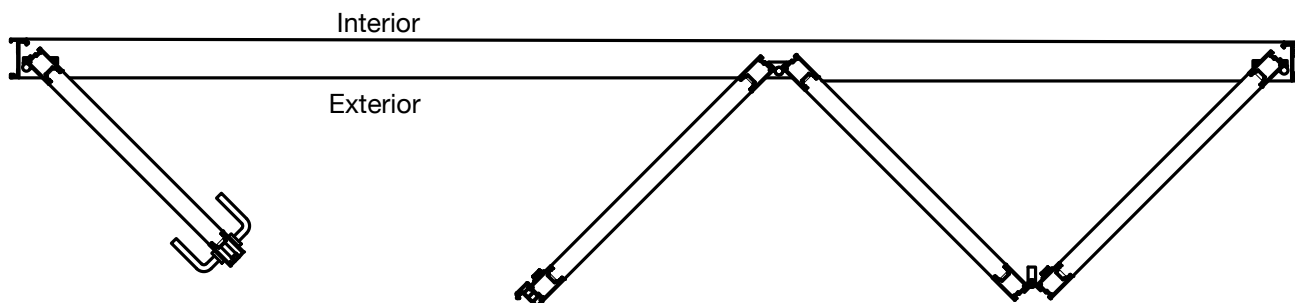
**1 Left 3 Right Configuration Shown**



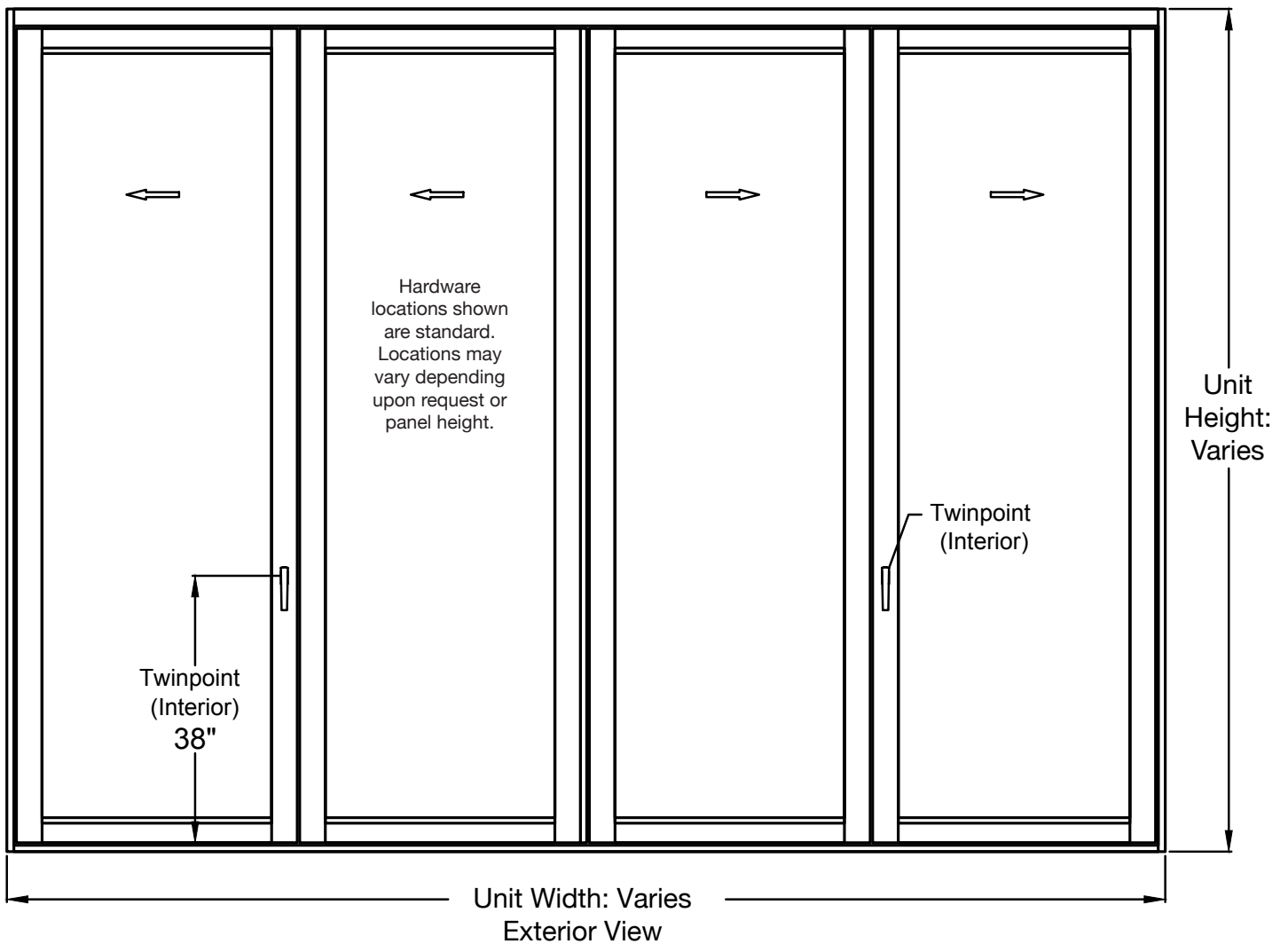
**EXTERIOR ELEVATION**



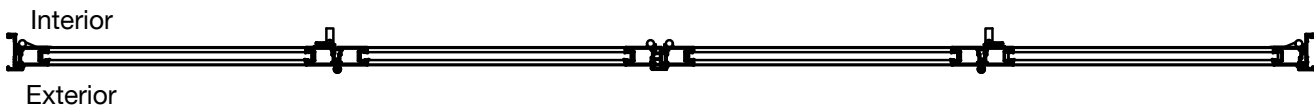
**HORIZONTAL CROSS SECTION**



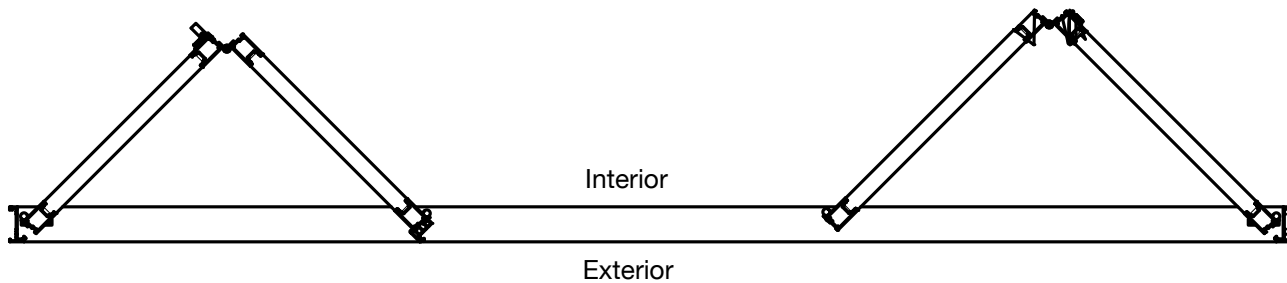
**2 Left 2 Right Configuration Shown**



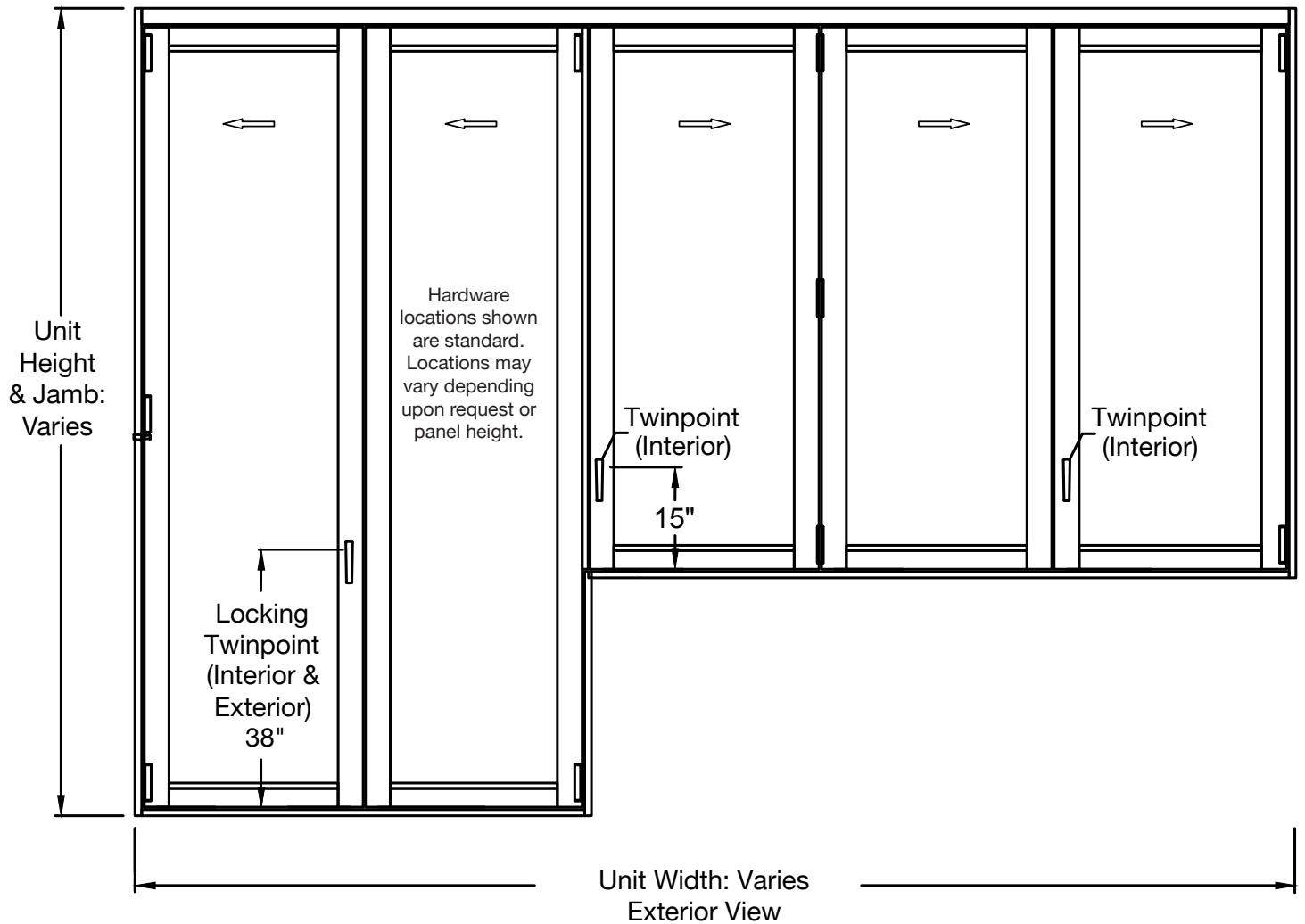
**EXTERIOR ELEVATION**



**HORIZONTAL CROSS SECTION**



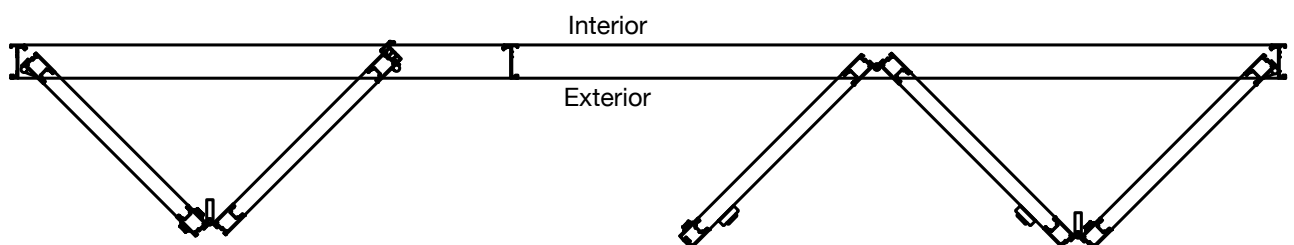
**2 Left 2 Right Split Configuration Shown**



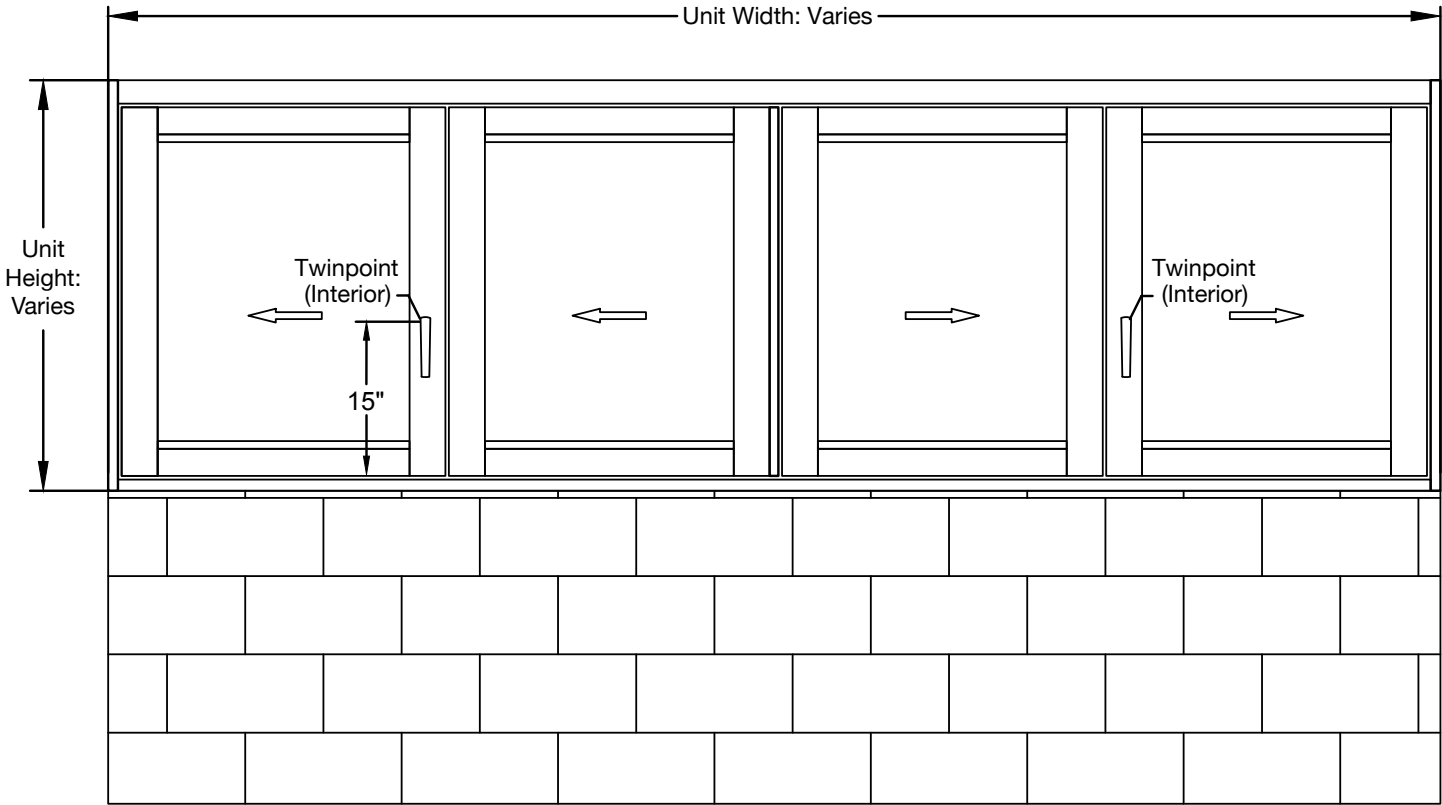
EXTERIOR ELEVATION



HORIZONTAL CROSS SECTION

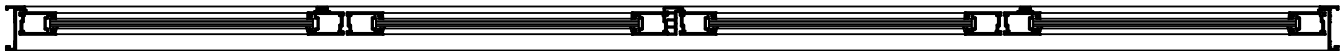


**2 Left 2 Right Bar Top Configuration Shown**

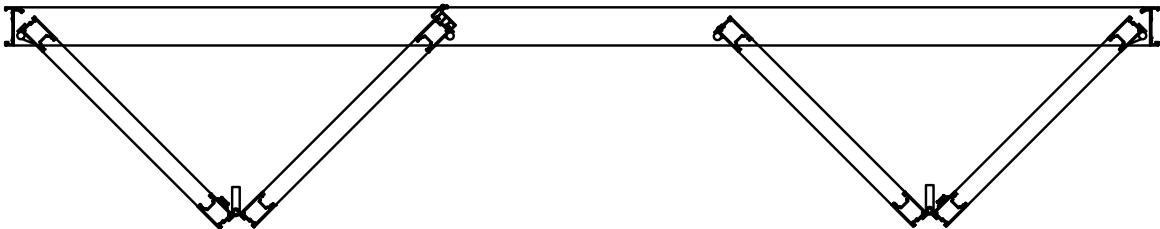


Exterior View

EXTERIOR ELEVATION



HORIZONTAL CROSS SECTION



## DESIGN PRESSURE CHARTS

### DESIGN PRESSURE CHARTS

#### HVHZ & Wind Zone 3

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

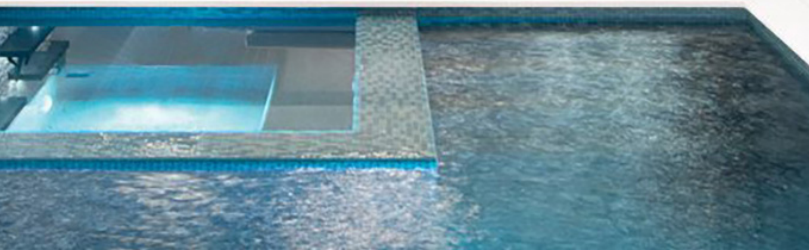
#### Non-Impact

|              |     | 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
- TAS 201   TAS 202   TAS 203
- Tested for Thermal Requirements
- AAMA / WDMA / CSA 101 / I.S.2 / A440-08 • NAFS-08
- Air Infiltration: A2
- Water Leakage Resistance: DP75 or PG75
- Wind Load Resistance: up to DP100
- Wind Zone 4 (Hurricane) ASTM (cycling) E1996: DP100 (C3 H100 Series)
- Wind Zone 4 (Hurricane) ASTM (impact) E1886: Pass (C3 H100 Series)













## **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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888.989.EURO (3876)

[www.euro-wall.com](http://www.euro-wall.com)

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