

# CITADEL

WINDOW & DOOR





## QUALITY IS ALWAYS IN STYLE

CITADEL Window and Door offers an extensive range of thermally broken and non thermal steel windows and doors, a dedicated team of certified fabricators, quality assurance, innovative R & D and enhanced thermal performance. Allowing for a level of architectural freedom rarely seen in the steel window industry.



## The CITADEL Difference:

- **PROFILES:** Hot or cold rolled, non-thermal (NT) or thermally broken (TB)
- **GLASS STOPS:** Square, ogee, triangular, and “L” series
- **SDL BARS:** 3/4” to 1-3/4” steel or aluminum
- **HARDWARE:**  
Multi-point, Single point  
Crank out, Push out
- **HINGES:** Adjustable two or three wing, butt, bullet and concealed
- **SCREENS:** Fixed or rollscreens
- **NAIL FINs:** Optional nail fins available, standard or custom







# MATERIALS AND FINISHES

## **CITADEL Select**

Choose from more than 200 RAL or British Standard super durable powder coat or painted color options as well as three different sheens in matte, satin or gloss. Smooth and textured finishes available in light, medium, and heavy.



## **CITADEL Specialty**

Finishes include:

- Marine Grade Polyester powder coating (ASTM D 1654)
- Custom match paint and technique or effect finishes

Profiles are offered in the following materials.

Galvanized



Stainless



Bronze

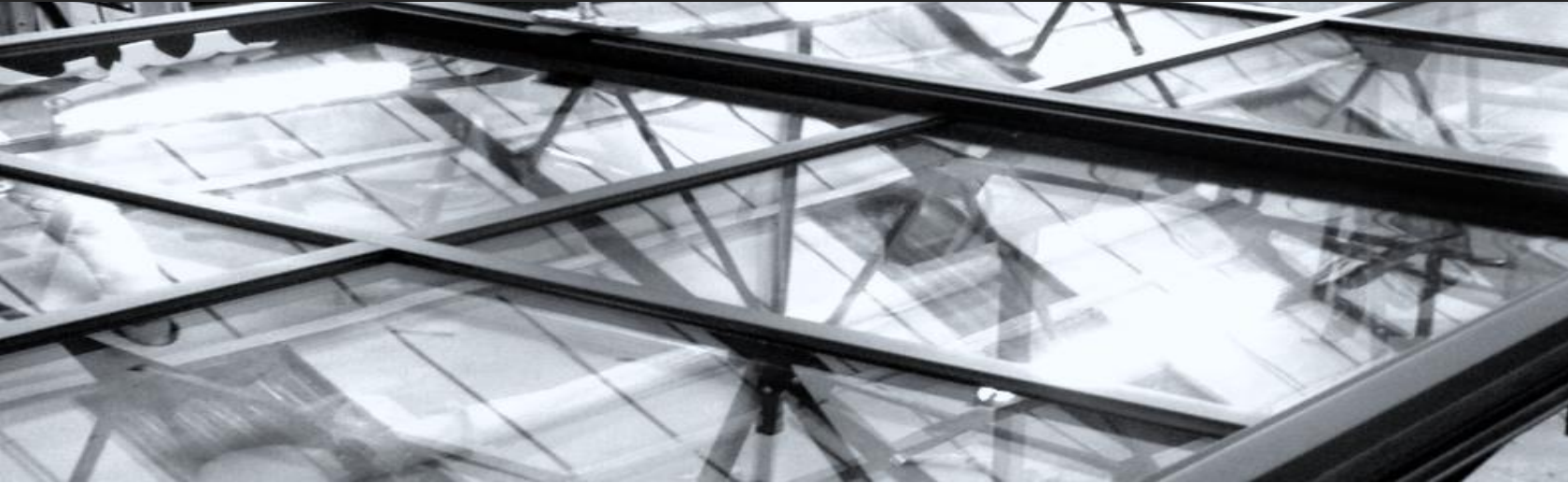


Cor-Ten





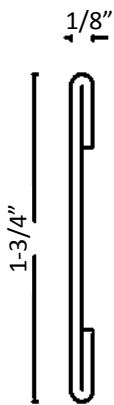
# SDL OPTIONS



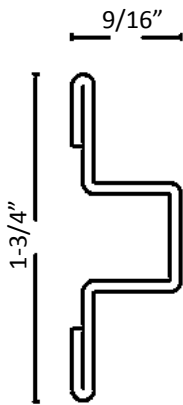
## CWD Simulated Divided Lites

Offered in aluminum and steel from 3/4" to 1-3/4" .

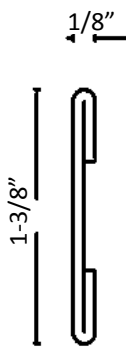
*Additional shapes available.*



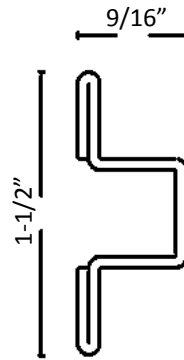
FT 4503IP-02



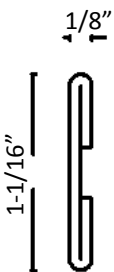
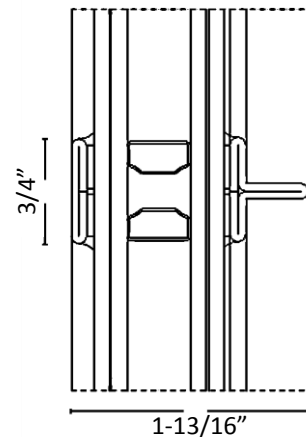
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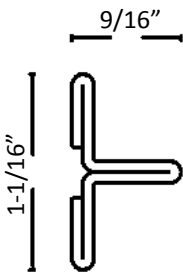
FT 3503IP-02



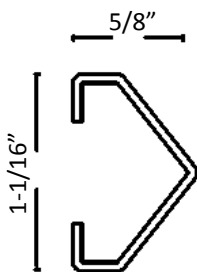
FT 3915IT-02



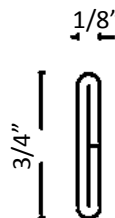
FT 2703IP-02



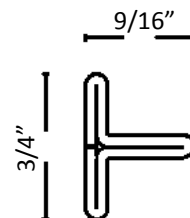
FT 2715IT-02



FT 2717IT-02



FT 2003IP-02



FT 2015IT-02

# ARCHITECTURAL GLAZING

**CITADEL** offers exceptional energy performance glass for all our windows and doors. This glass is a dual or triple seal insulated system that utilizes warm edge spacer technology to help eliminate condensation and improve thermal conductivity.

## FEATURES:

- Thicker 1 3/16" overall glass on dual glazed units for improved sound absorption
- High performance warm edge spacer, offered in several standard colors
- High wind load resistance
- Improved energy efficiency
- Available in TDL (True Divided Lite) or SDL (Simulated Divided Lite) options

Multiple glass options available including decorative, switchable privacy and hurricane/impact glass.



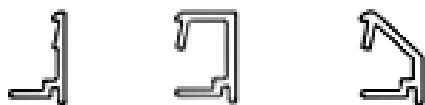






# ARCHITECTURAL GLASS STOPS

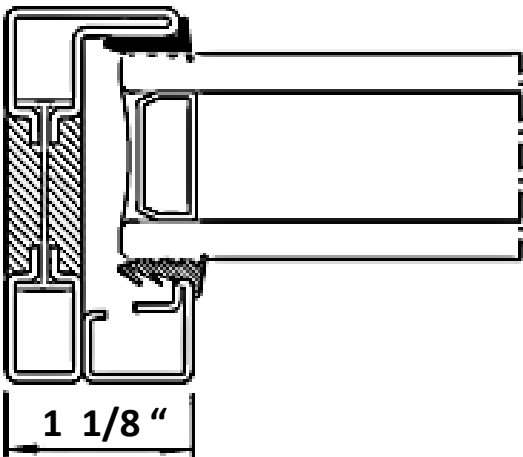
Aluminum



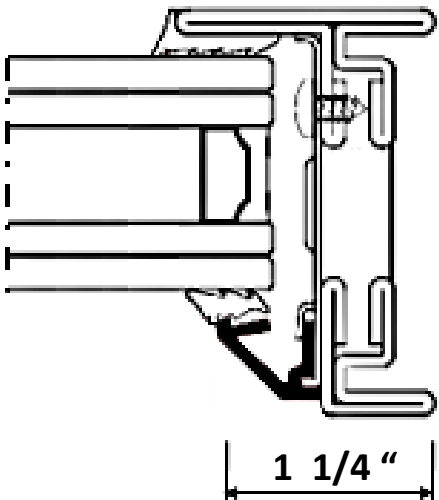
Steel



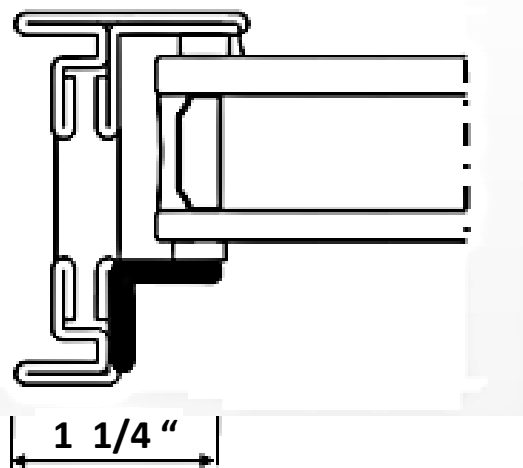
SQUARE



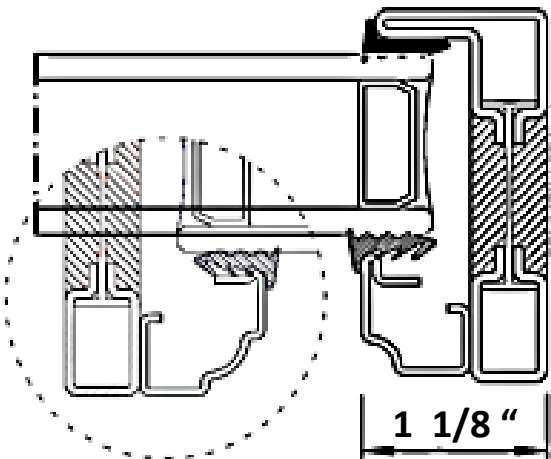
ANGLE / PUTTY



“L” Series  
(3 options)



OGEE  
(2 options)










# THERMAL PERFORMANCE

**CITADEL** products have undergone extensive independent testing, often exceeding industry standards. Certified by the National Fenestration Rating Council (NFRC), **CITADEL** offers the best energy performance of any steel window on the market, with U-Values as low as 0.16 on windows and 0.26 on lift and slides.

## FEATURES:

- Multiple glazing options available to meet TITLE 24 energy requirements
- Thermally-broken designs that virtually eliminate condensation, while simultaneously enhancing energy performance
- Galvanized steel construction with a powder coat, paint process or marine grade (for coastal areas) that forms a barrier against structural rust

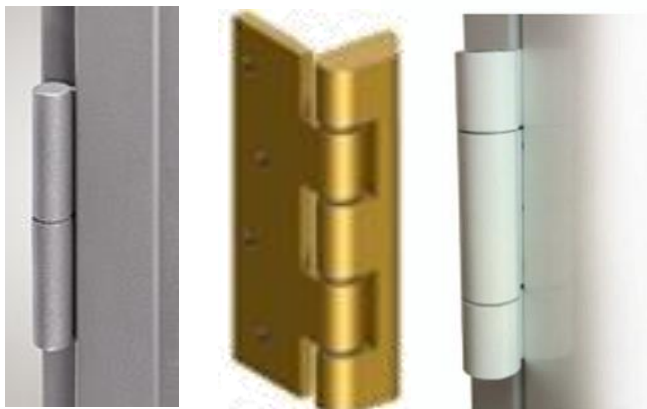
 National Fenestration Rating Council® <b>CERTIFIED</b>	<b>CITADEL Window and Door, LLC</b> <b>CWD45 Fixed</b> Thermally Broken Painted Galvanized Steel, Triple glazed: 3/16" Low E (e=.157,S2), 1/2 " TS-D spacer, KRY, 3/16" Low E (e=.157,S4) 1/2 " TS-D spacer, KRY 3/16" Low E (e=.157,S6)  CPD# MOL-K-4-00050-00001
ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./I-P)  0.15	Solar Heat Gain Coefficient  0.30
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance  0.48	—
<small>Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. NFRC does not recommend any product and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information. <a href="http://www.nfrc.org">www.nfrc.org</a></small>	



# ARCHITECTURAL WINDOW HARDWARE

## Hinges

*Available in 2 & 3 wing, bullet and butt in painted, stainless, brass and bronze*

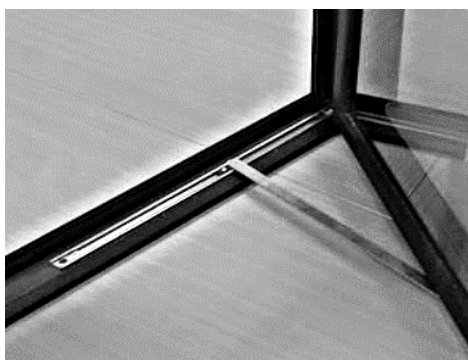


## Premium Hardware

Is offered in bronze, brass and stainless steel with multiple handle and finish options.  
*Some are shown below*

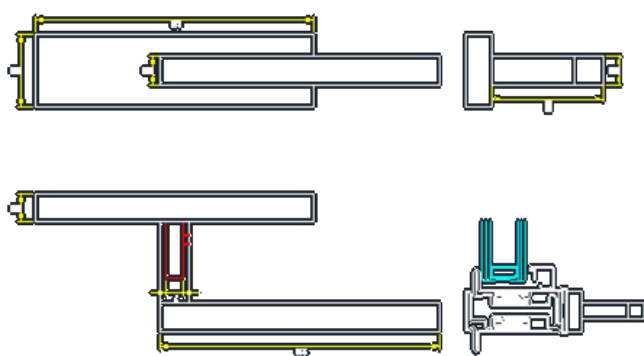


## Friction Limit Arm



## Standard Factory Multi-Point

*Several handle options to choose from*



## Bronze Finishes

*Some are shown below*





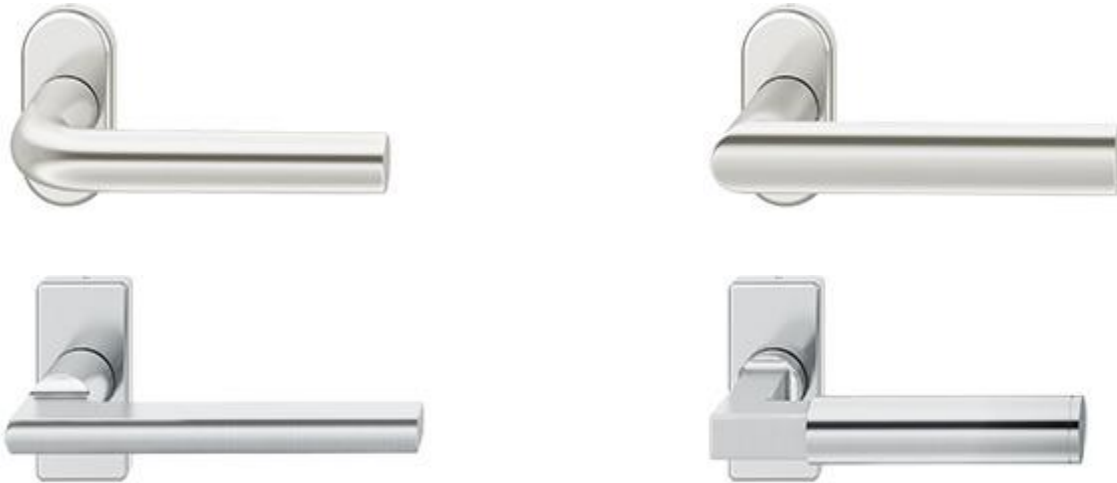




# ARCHITECTURAL DOOR HARDWARE

## Standard Multi-Point Handles, FSB – Hoppe – Olivari

*(Aluminum handles painted to match frames or anodized)*



## Premium Multi-Point Handles

*(optional bronze, brass and stainless steel)*

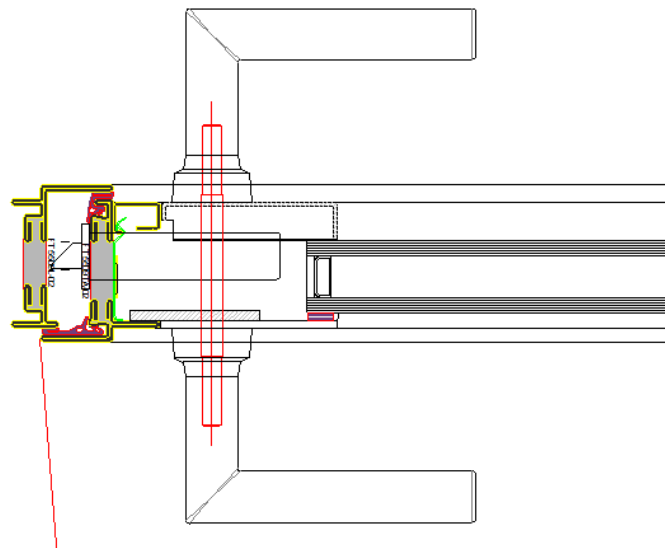
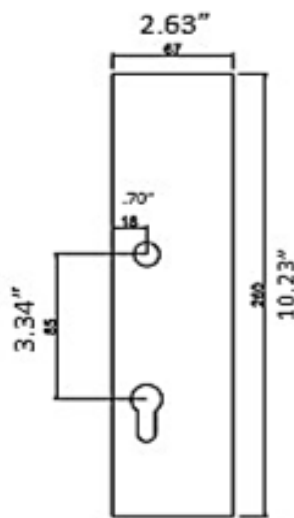
Rocky Mountain Hardware is shown below





## Standard Multi-Point Mortise with Lock Box Cover

*(Lock box cover is painted to match door frames)*





# LIFT SLIDE DOOR HARDWARE

## Lift and Slide Door Hardware

*Rocky Mountain Hardware is shown below*



*Removable handles  
(optional bronze)*



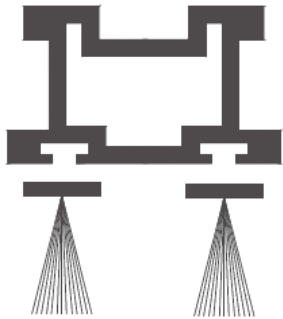
*Stainless steel handles  
(optional polished or brushed)  
FSB and Hoppe are shown below*



# ARCHITECTURAL THRESHOLDS

## CWD Standard Thresholds

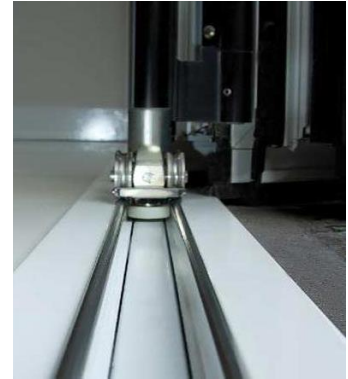
Brush / Sweeps



Lift Slide

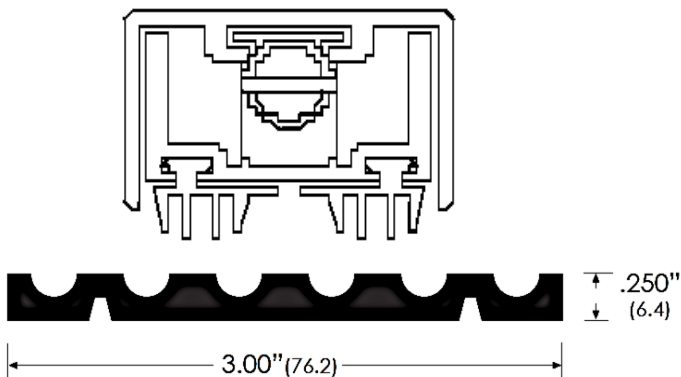


Bi-Fold

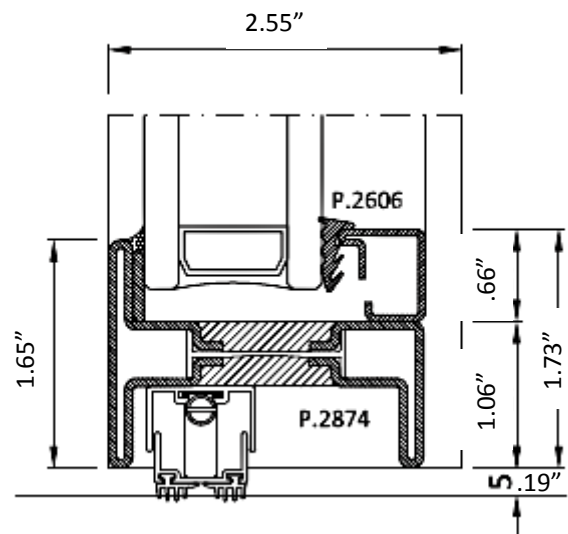


Auto Drop Seal

*Adjustable drop up to 3 / 4"*

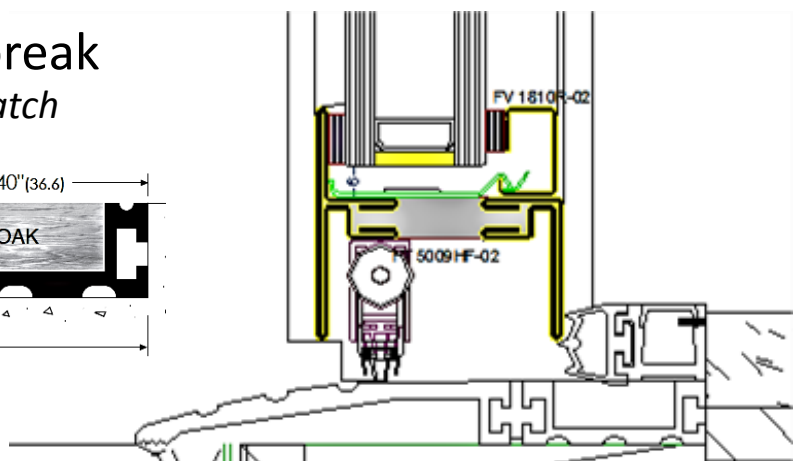
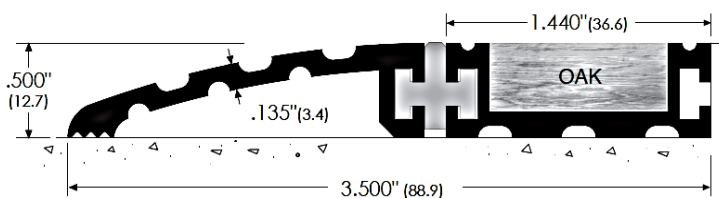


*Several different widths available*



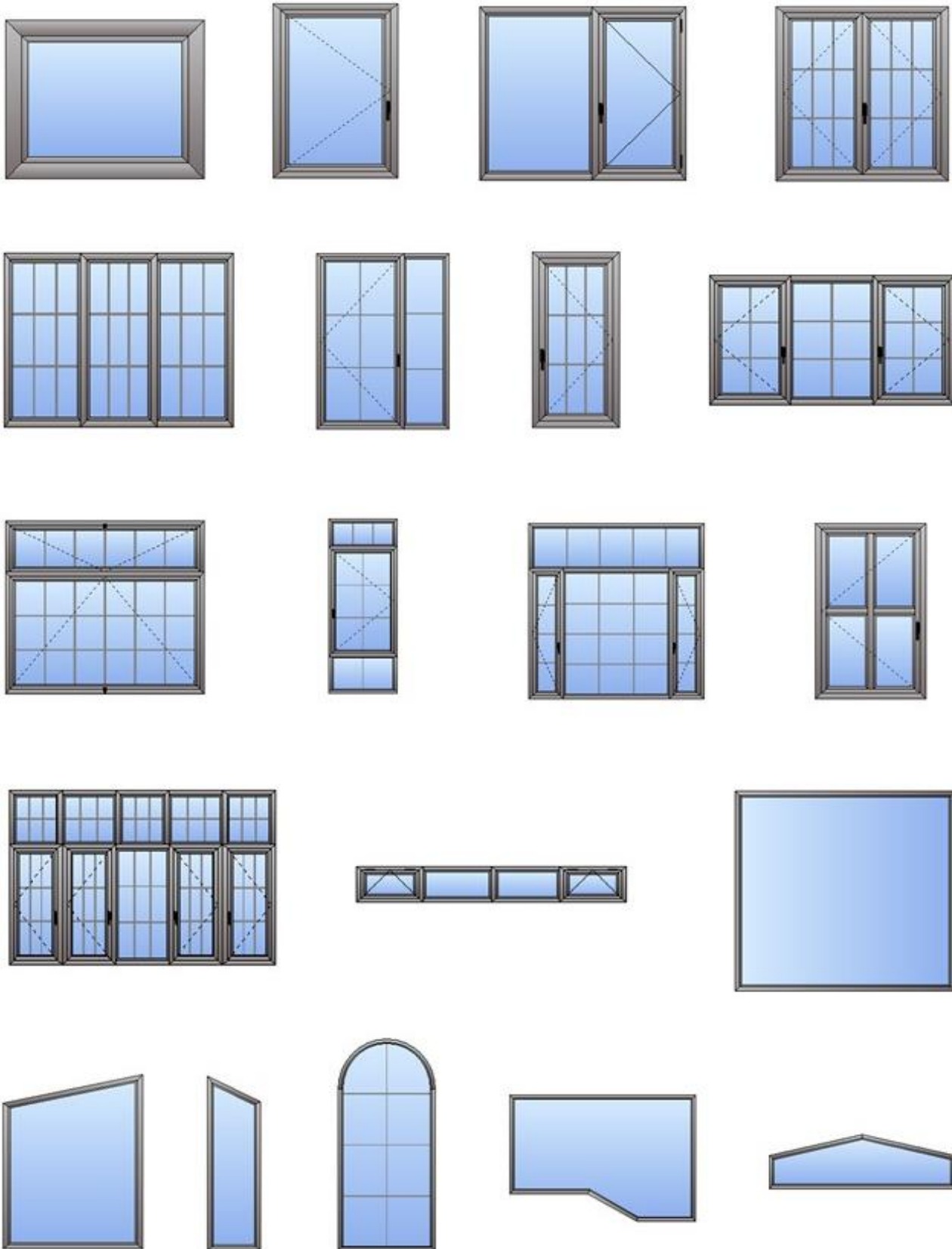
Threshold with thermal break

*Oak or metal insert painted to match*

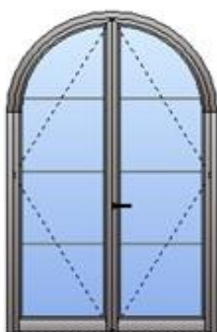
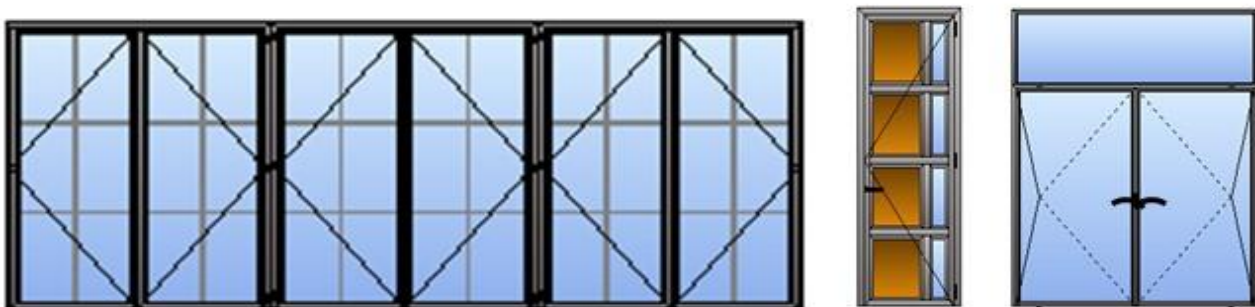
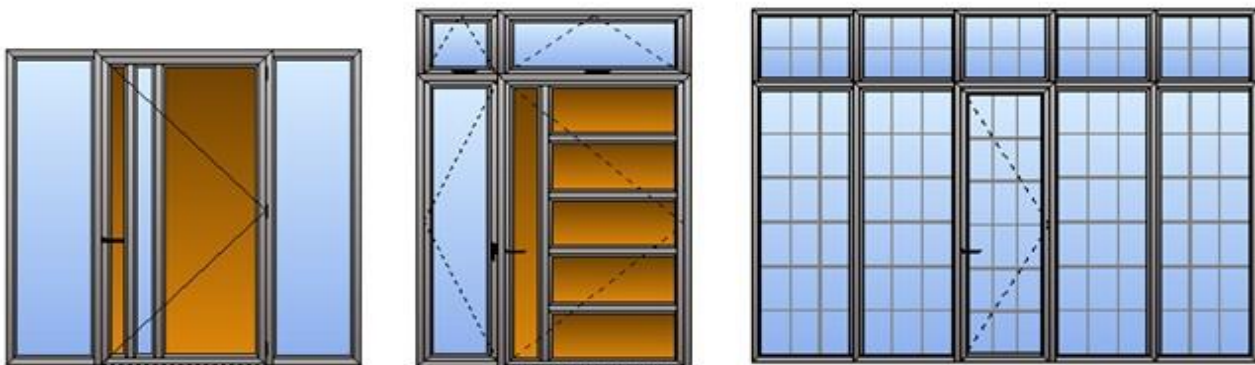
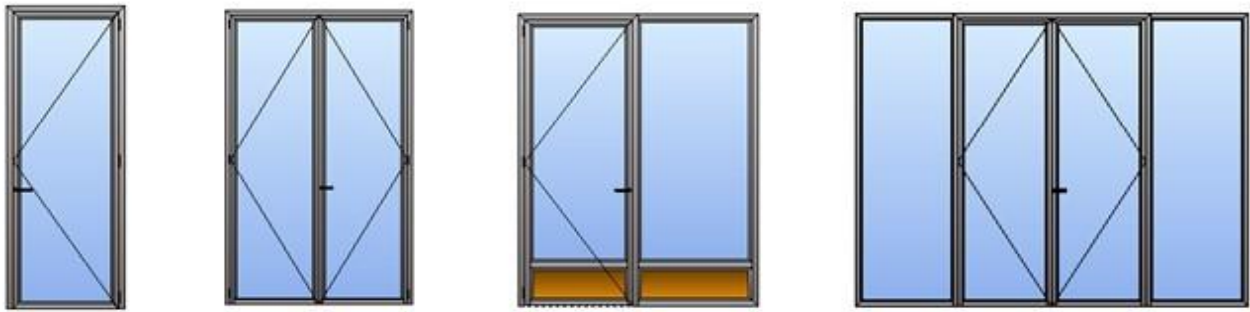




# WINDOW ELEVATIONS

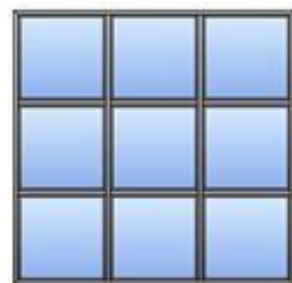
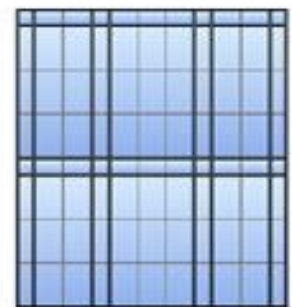
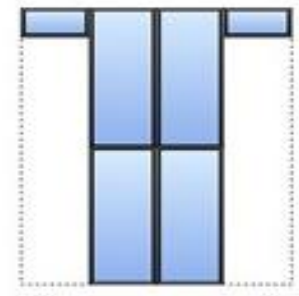
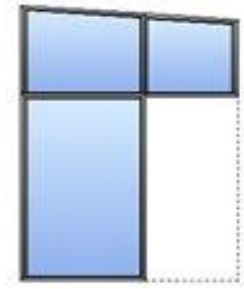


# DOOR ELEVATIONS



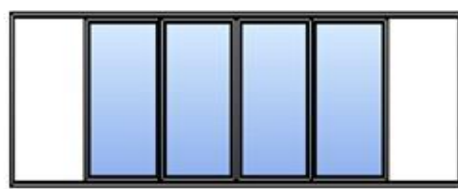
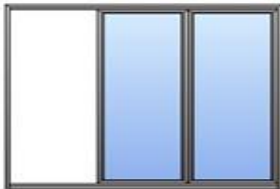


# CURTAIN WALL ELEVATIONS





# LIFT AND SLIDE ELEVATIONS

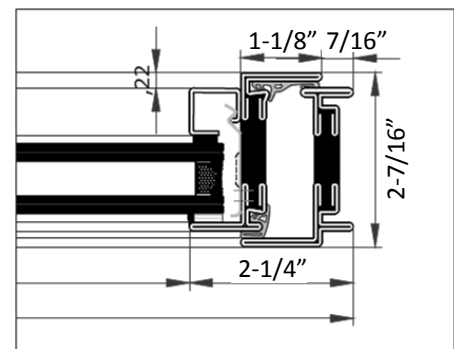
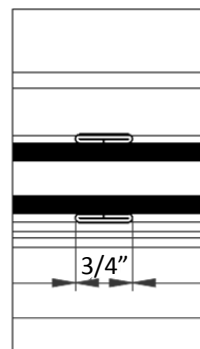
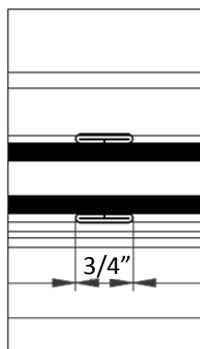
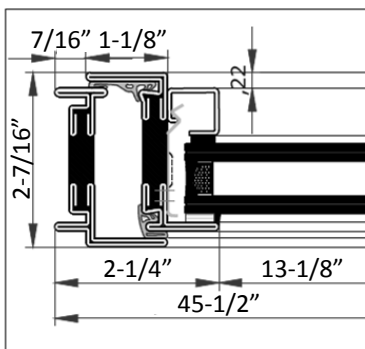
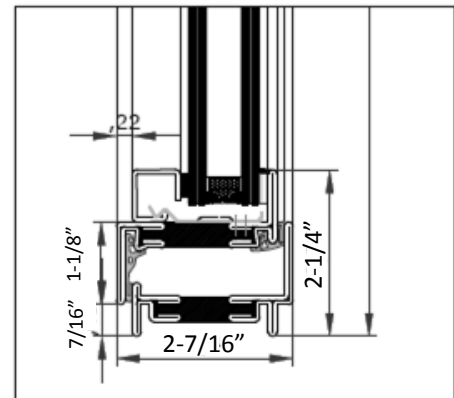
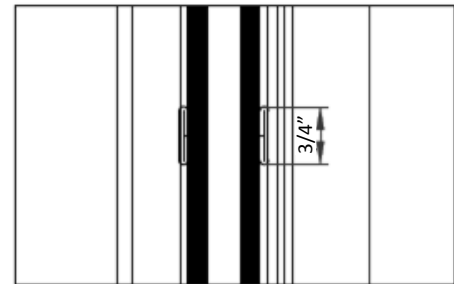
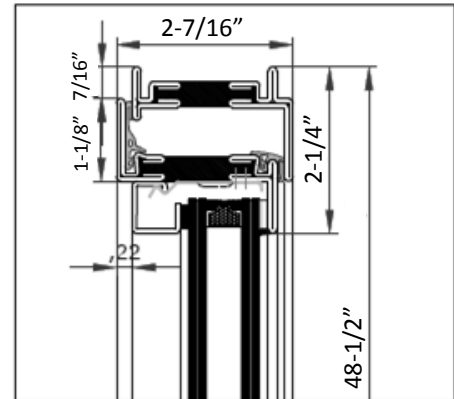
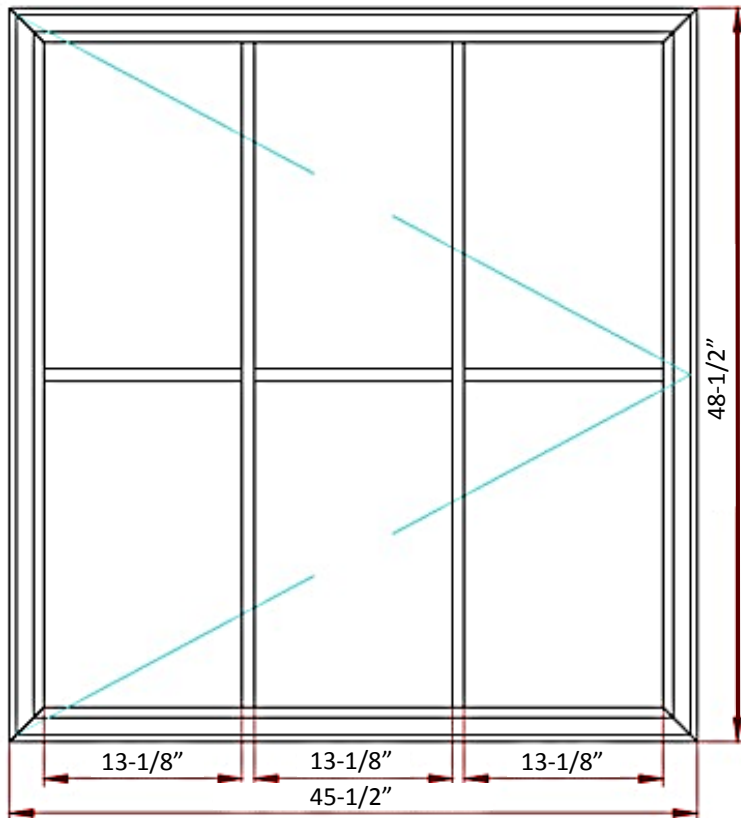




# ARCHITECTURAL DETAILS

## Inswing Window with 3 x 2 SDL (simulated divided lights)

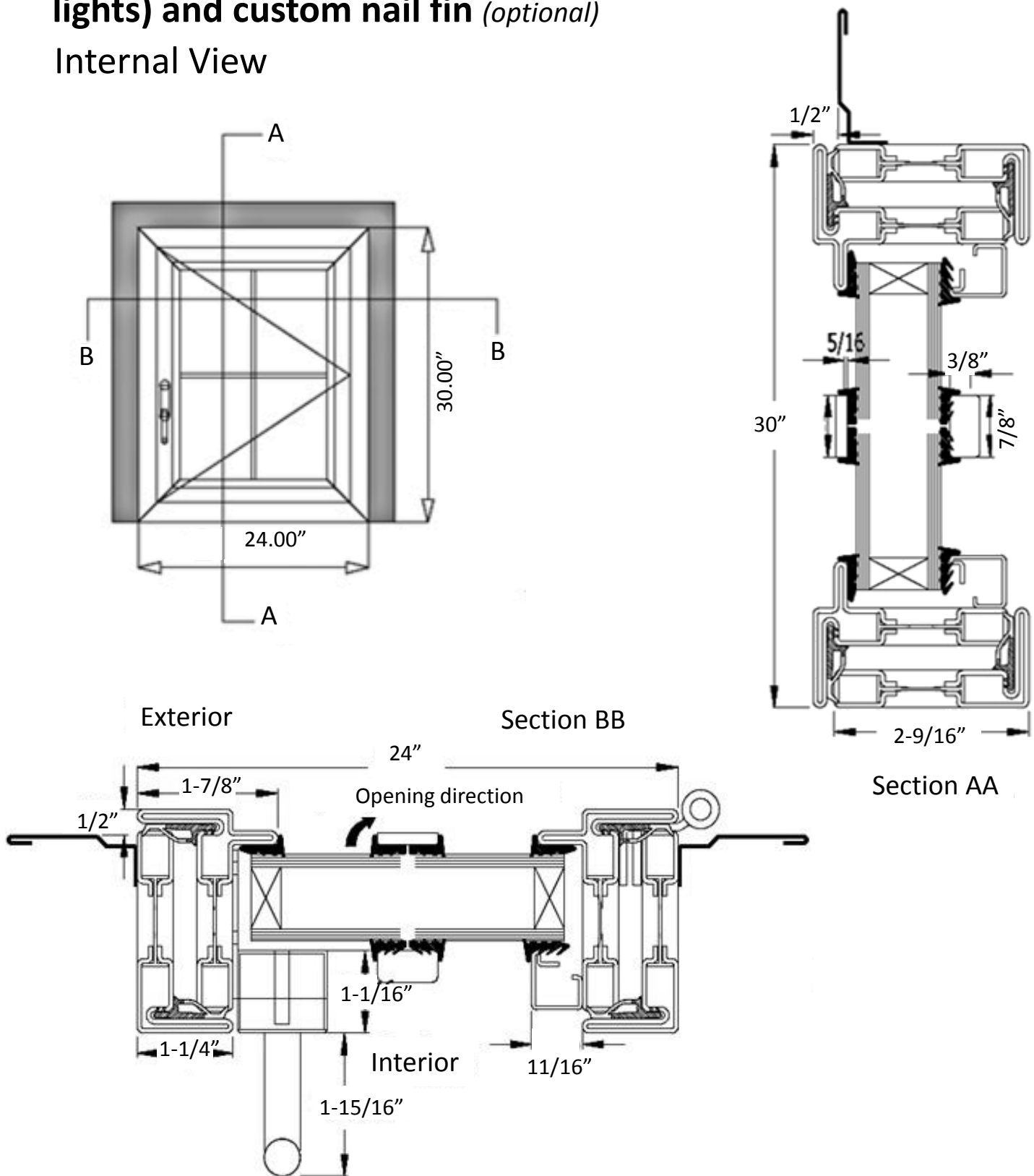
### External View



# ARCHITECTURAL DETAILS

## Outswing Window with 2 x 2 SDL (simulated divided lights) and custom nail fin (optional)

Internal View



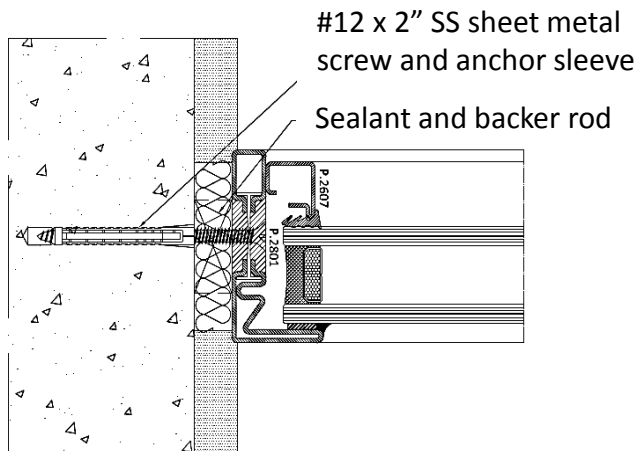


# INSTALLATION DETAILS

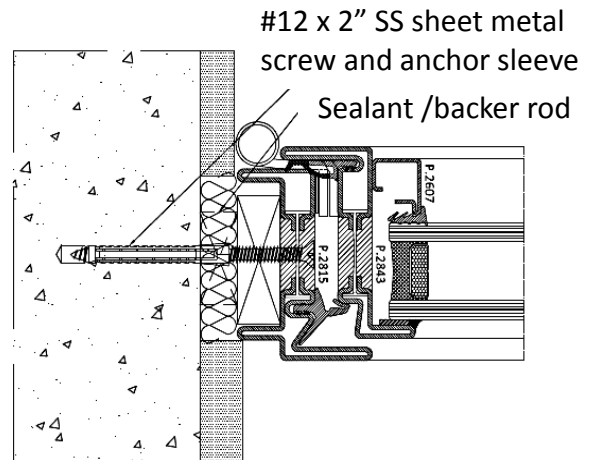
## Direct Anchor - Window (concrete/foundation)

Direct anchor in steel involves drill and tap with a threaded hole (similar to below)

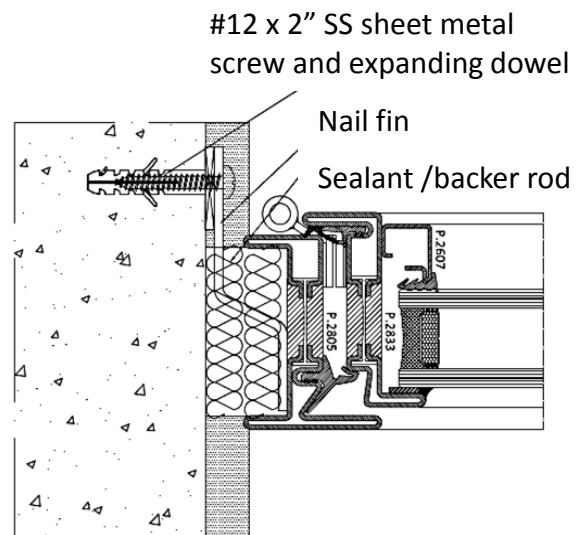
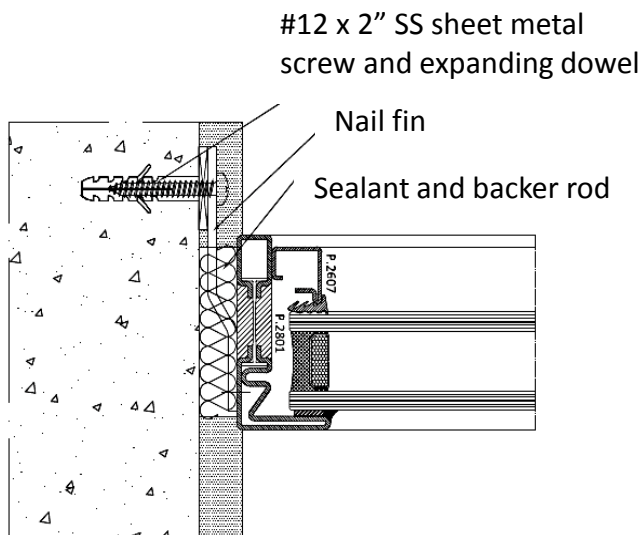
### Fixed



### Vent



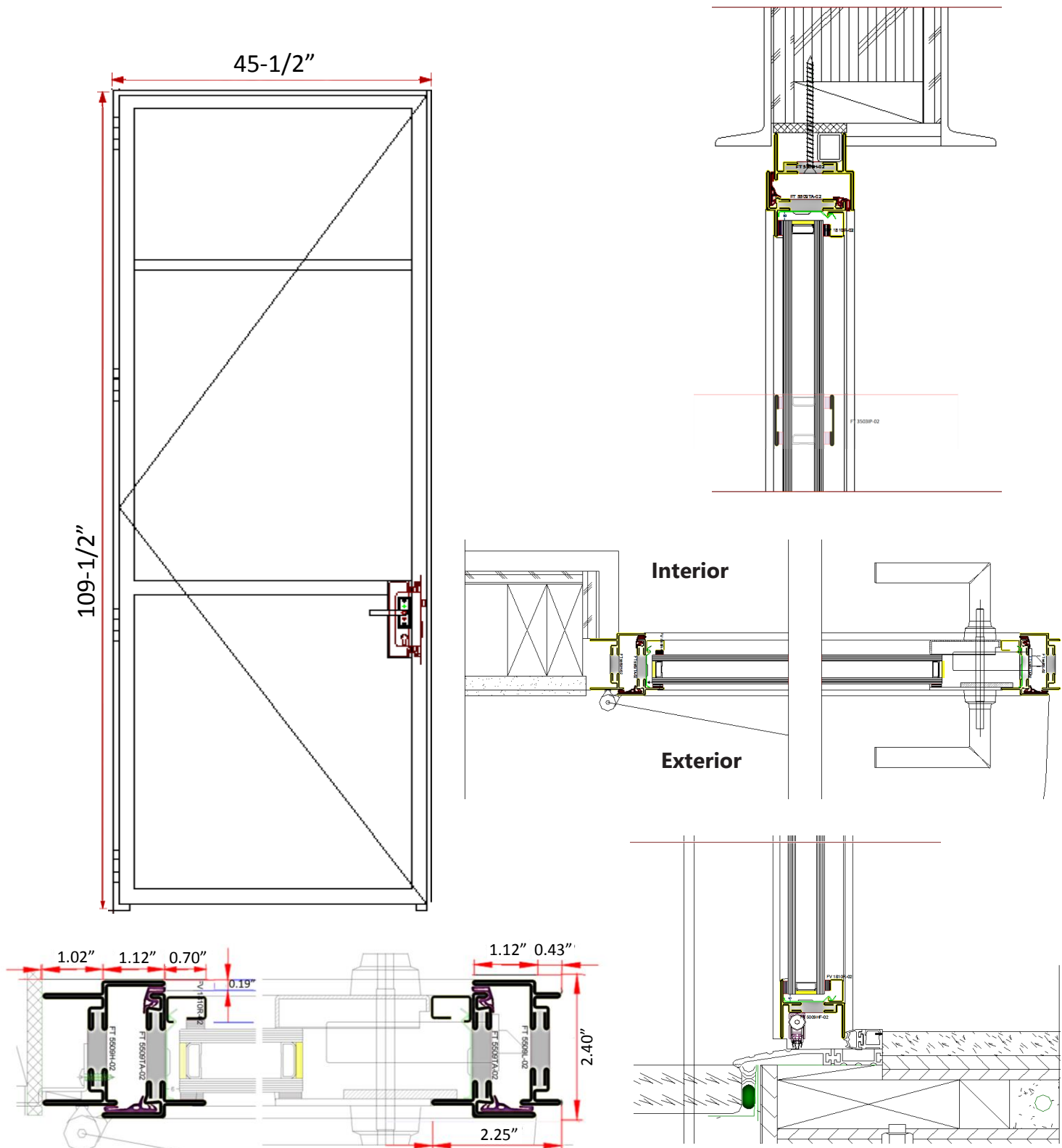
## Nail Fin (concrete/foundation)



# ARCHITECTURAL DETAILS

## Outswing Door with SDL (simulated divided lights)

### External View

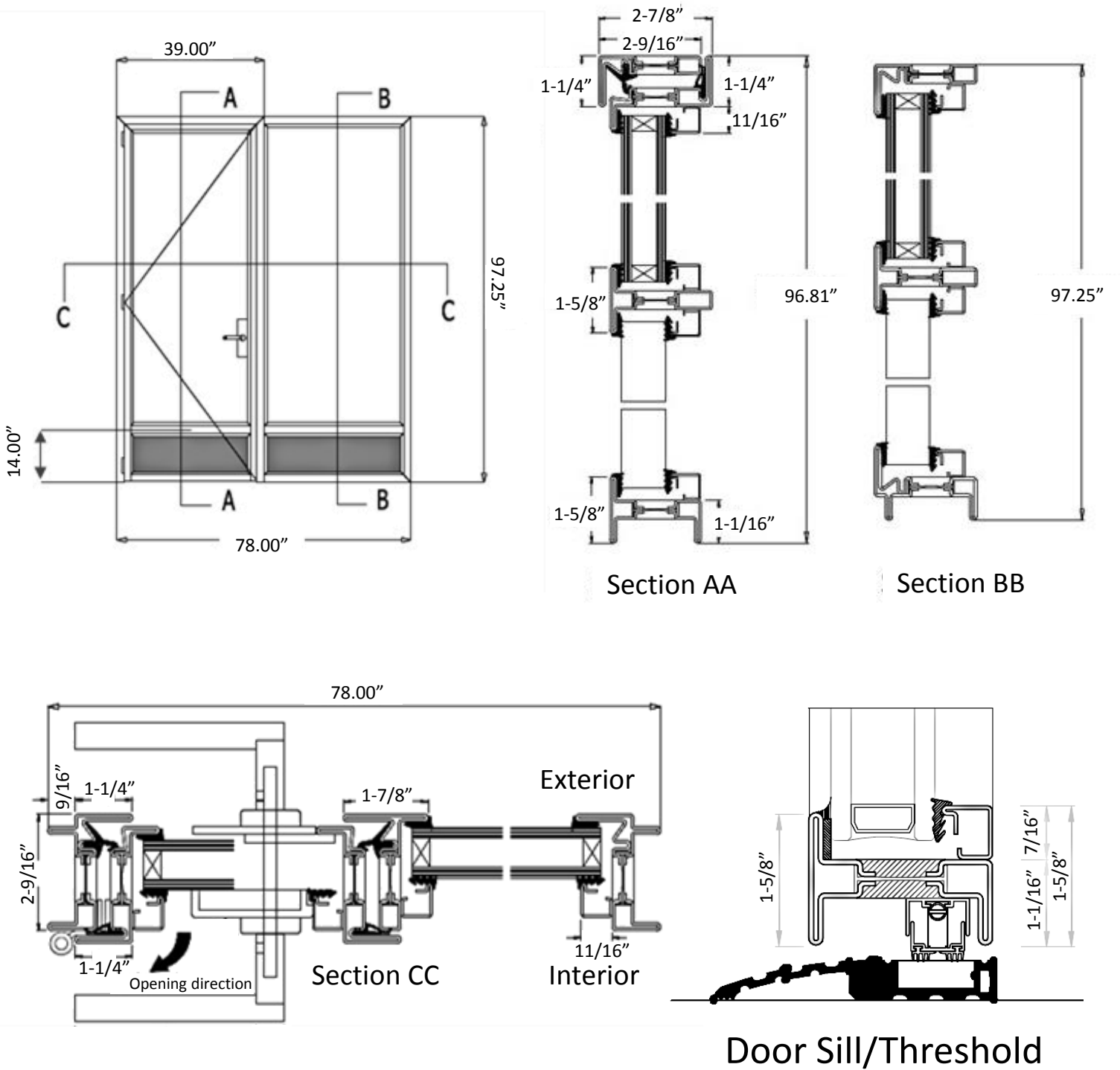




# ARCHITECTURAL DETAILS

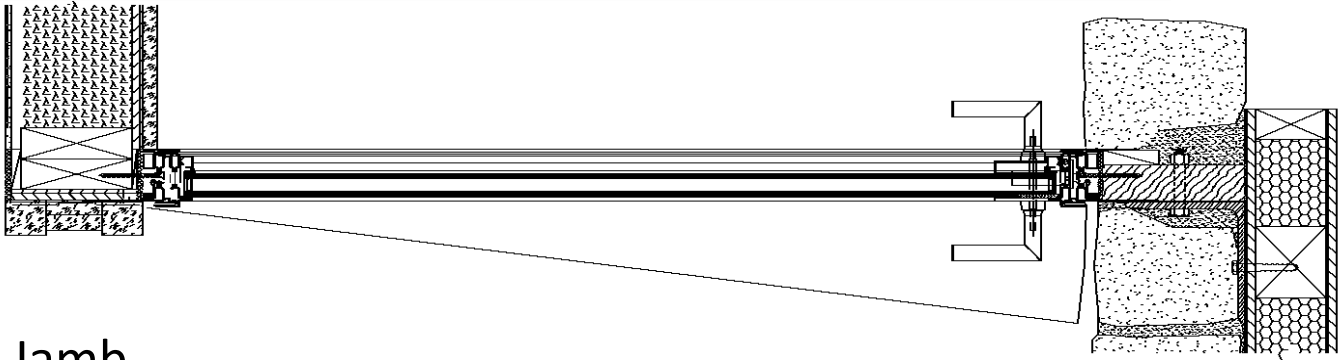
## In-Swing Door with Sidelight and Custom Kick Plate

### Internal View

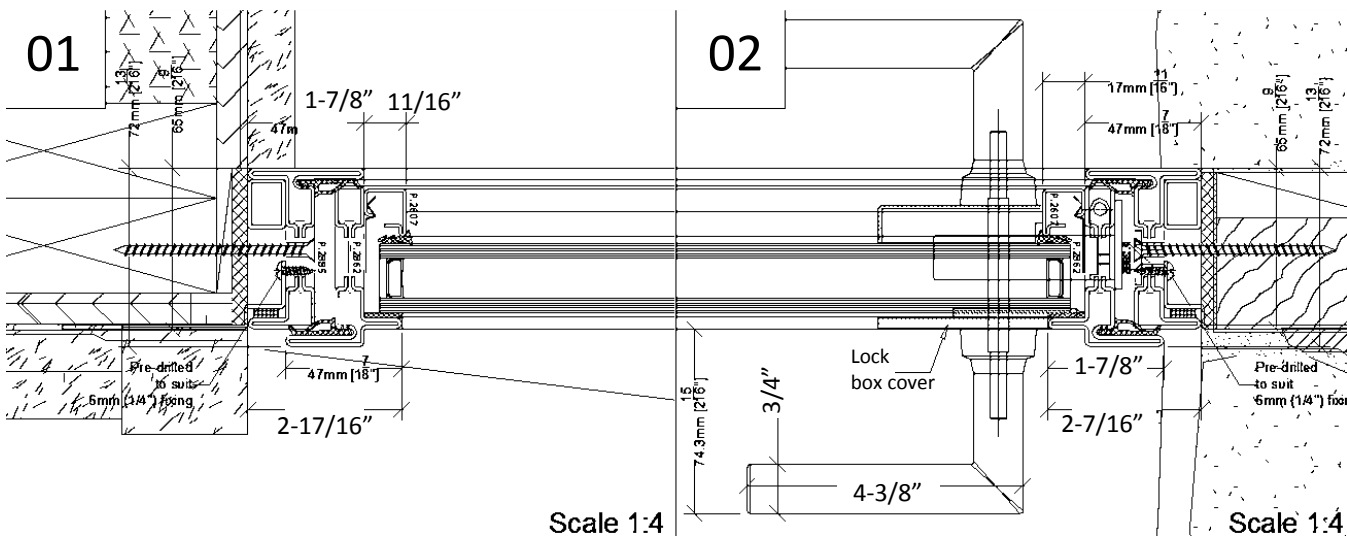


# INSTALLATION DETAILS

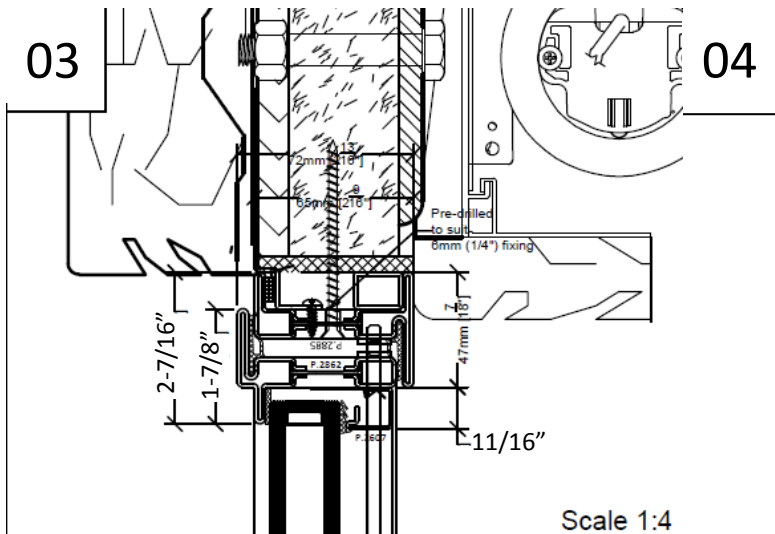
## Direct Anchor | custom nail fin - Door (concrete/foundation)



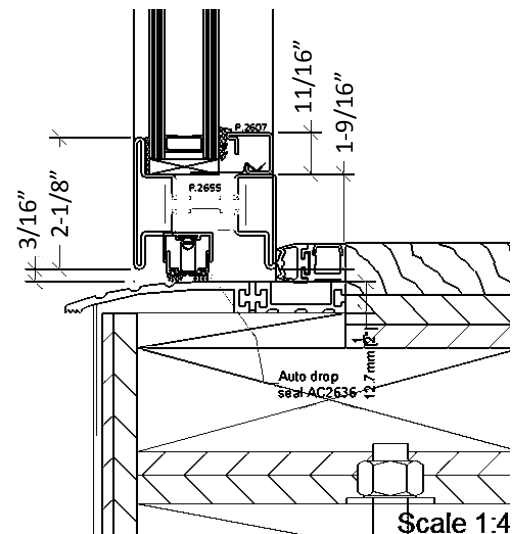
### Jamb



### Head



### Sill







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**[sales@citadelwd.com](mailto:sales@citadelwd.com)**

**(866) 248-6270**