



**FENE STAR**  
*Thermal Steel & Bronze Windows & Doors*

# Hurricane Impact System

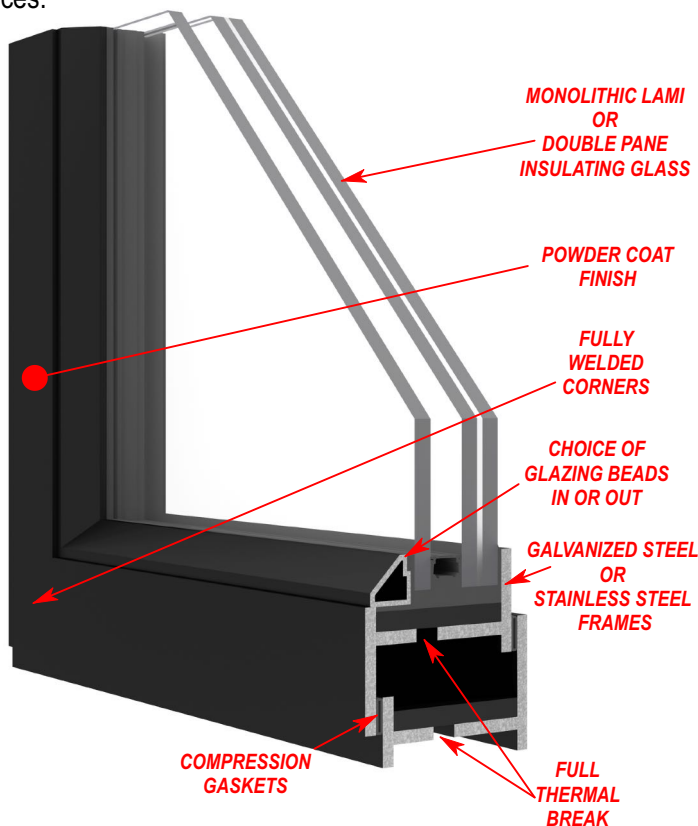


## Overview

Don't see exactly what you need?  
 Consult with Fenestar for full range of  
 options and custom possibilities.  
[www.fenestarusa.com](http://www.fenestarusa.com)  
 (862) 343-9299

Fenestar Thermally Broken Steel Hurricane Impact Rated Windows and Doors boast certification from the Florida Building Code, making them approved for installation along the entire Atlantic Coast and within the State of Florida. Crafted with fully welded steel or stainless steel frames and sashes, coupled with impact-rated laminated monolithic or double-pane insulating glass, these windows and doors provide the robustness, security, and resilience required to withstand severe weather conditions.

Not only do Fenestar products excel in strength and durability, but they also showcase a commitment to aesthetics. Elegant, beautiful, and uniquely designed, Fenestar Steel Hurricane Impact Rated Windows and Doors are customizable in any color, offering lasting protection with AAMA 2604 or 2605 (Kynar) finishes. Choose from a variety of decorative hardware stylings, glazing bead options, muntin grid designs, and operable functions to tailor your Fenestar windows and doors to suit your preferences.



### Impact Approved Products:

- Fixed Window, Sidelite, Transom
- Out-swing Single Casement
- Out-swing French Casement
- Out-swing Single Swing Door
- Out-swing French Swing Door Pair
- Mullions

All products comply with requirements of the Florida Building Code

**DP Rating:** +/- 60.00 PSF

**Impact Rating:** Large & Small Missile  
 Missile Level D

Wind Zone 4 and HVHZ

in Thermally Broken  
**STEEL and STAINLESS STEEL**  
 framing and sash materials

### STANDARD FEATURES

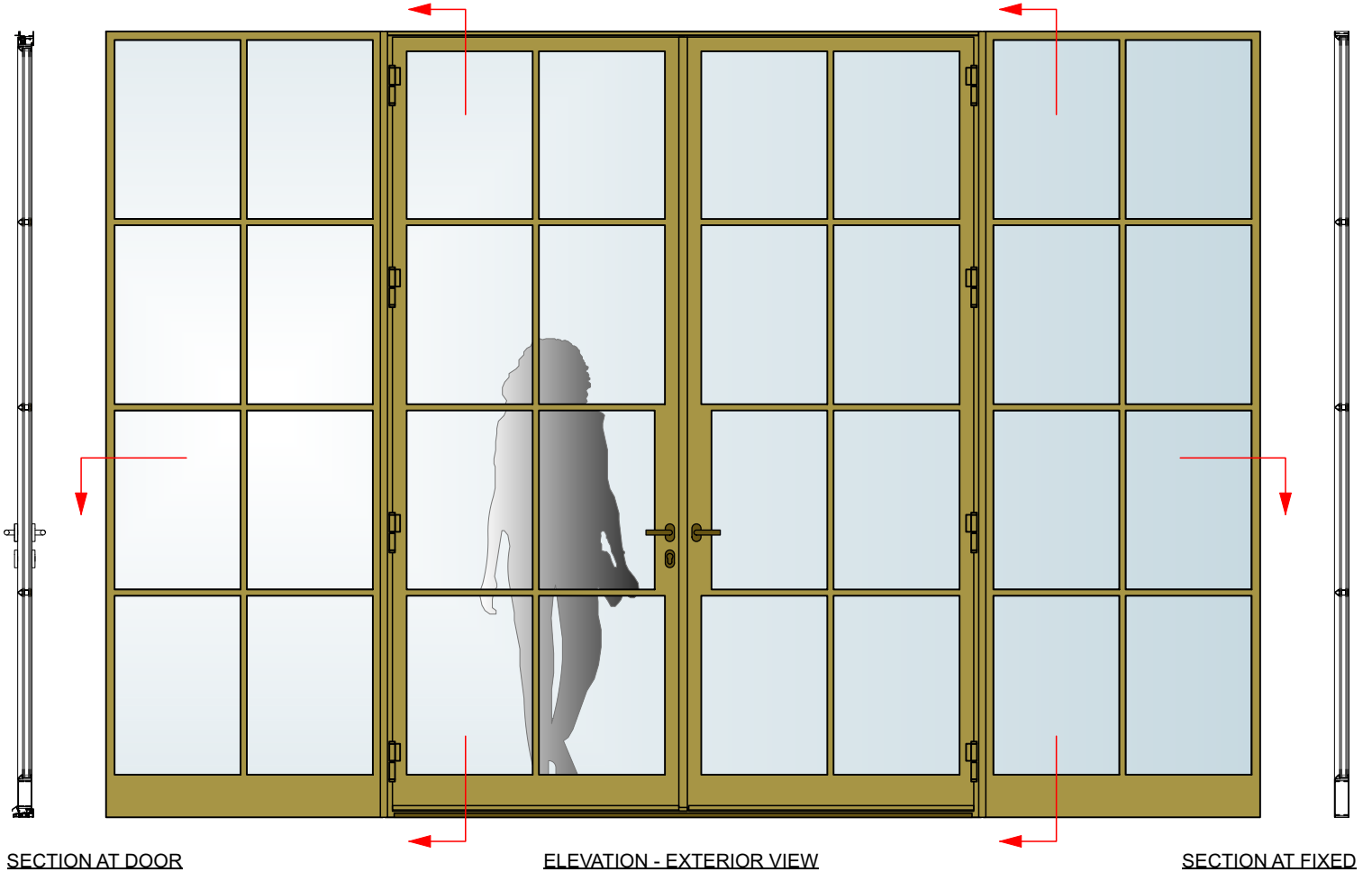
- Narrow Profiles for Slender Sightlines
- True Thermally-Broken Frames & Sash
- Fully Welded Construction
- 1-1/4" Double Pane Low-E IGU
- Fixed and Out-swing Operation
- Thermally-Broken Mullions
- Concealed Multi-Point Locking
- Stainless Steel Hardware Components
- Thermally-Broken Thresholds
- AAMA 2604 Superdurable Powdercoat Finish
- Choose any RAL color

### UNIQUE OPTIONS

- Classic or Modern Styling
- Steel or Stainless Steel Frames
- Turtle Glass, Monolithic Glass
- Inside or Outside Glazed
- Choice of Glazing Bead Profiles
- Custom Glass Specification
- SDL Muntin Grids
- Full Range of Decorative Lever Handles
- Split finishes, Custom color matching
- AAMA 2605 (Kynar) finish
- Shaped, Arched, Curved Units

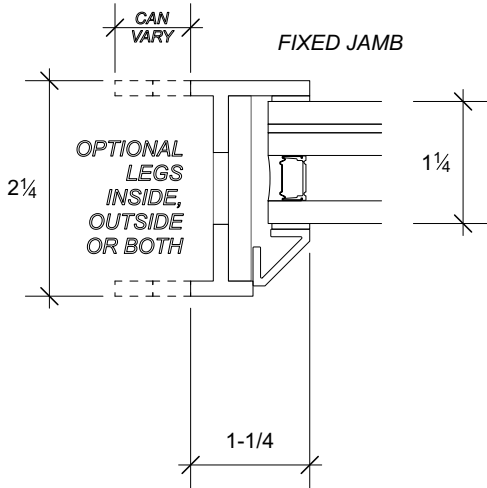
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## Example Elevation

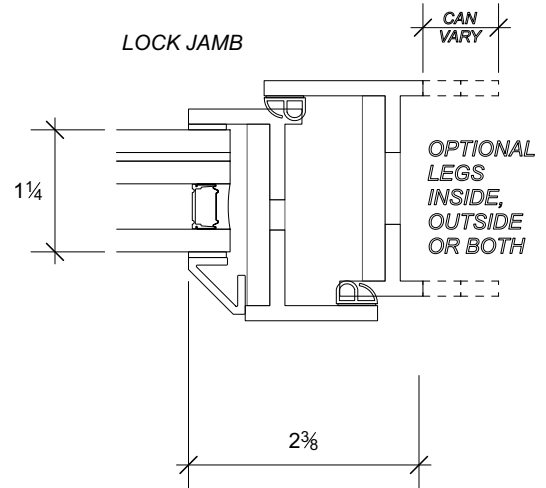


## Horizontal Section Details

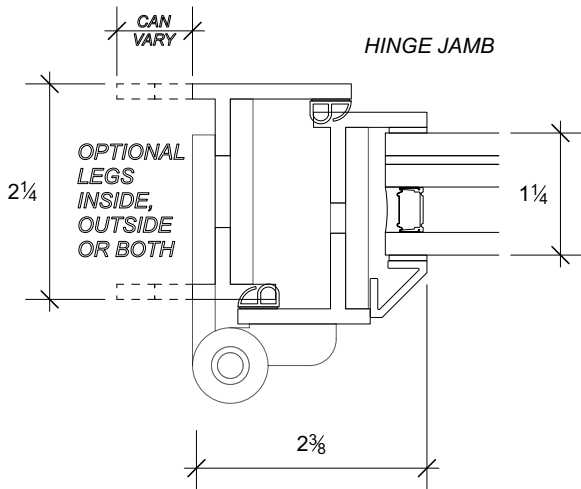
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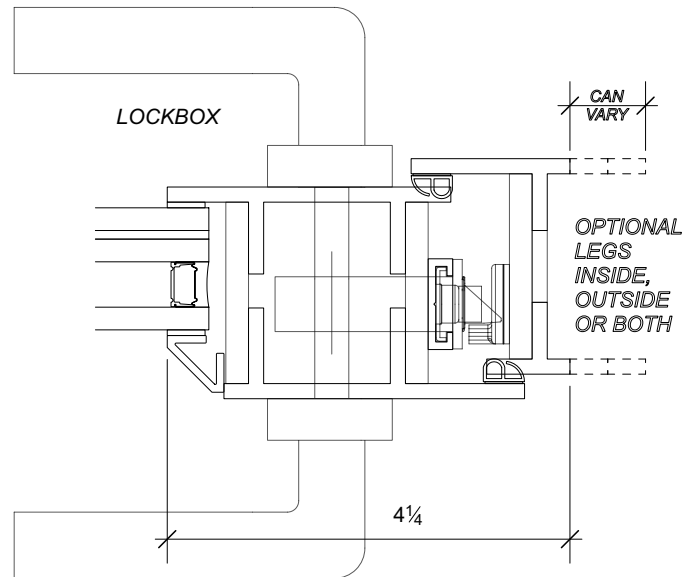
FS-56i 1000 FIXED WINDOW



FS-56i 3000 OUT-SWING WINDOW  
FS-56i 5000 OUT-SWING DOOR



FS-56i 3000 OUT-SWING WINDOW  
FS-56i 5000 OUT-SWING DOOR

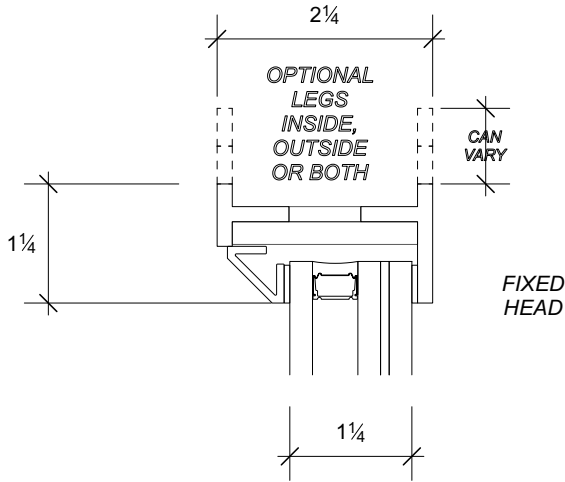


FS-56i 5000 OUT-SWING DOOR

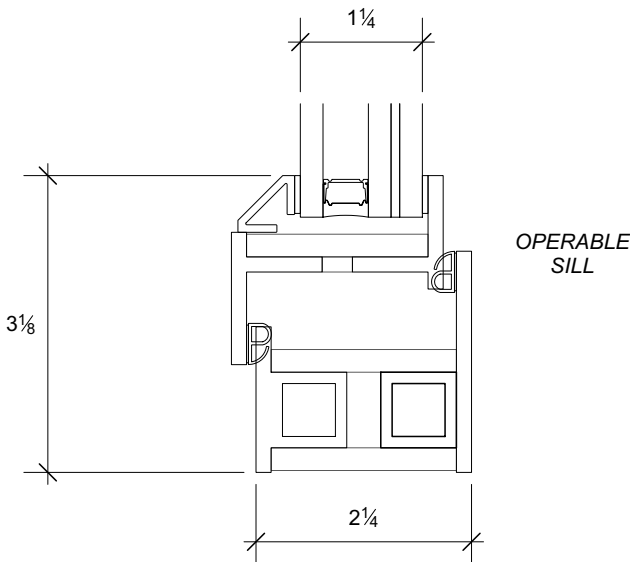
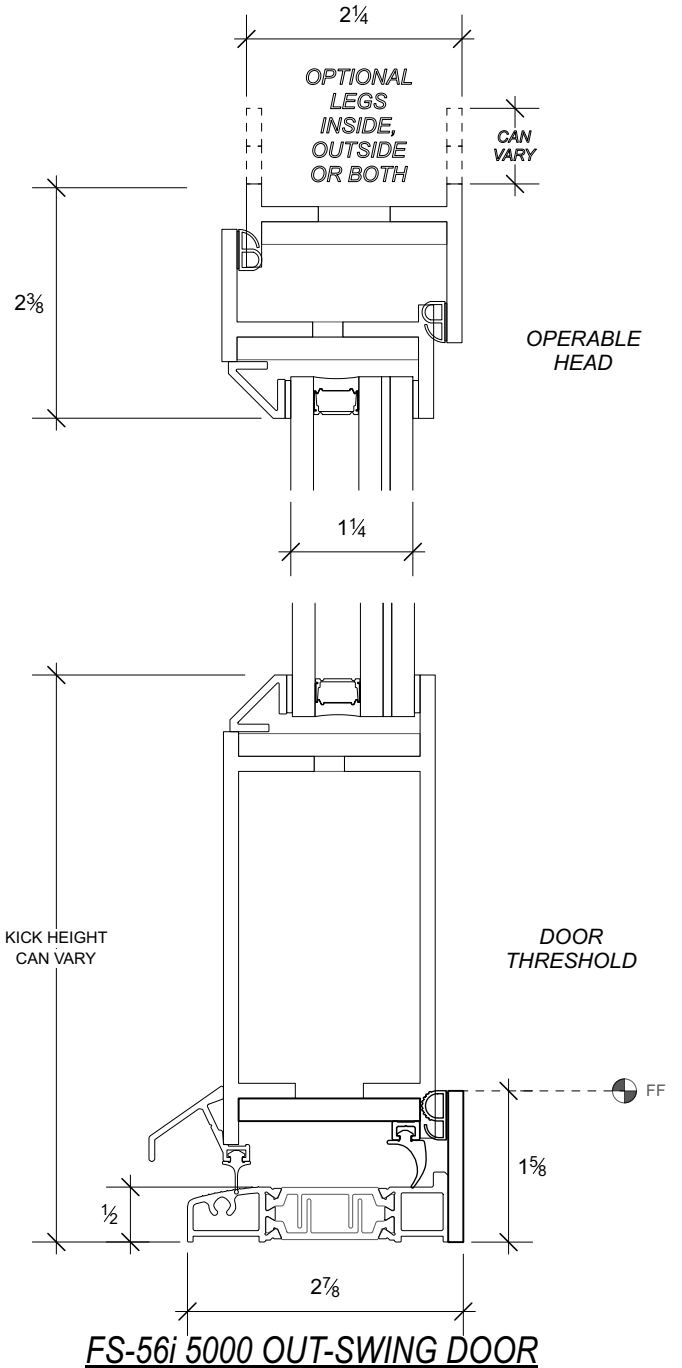
## Vertical Section Details

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FS-56i 1000 FIXED WINDOW



FS-56i 3000 OUT-SWING WINDOW  
FS-56i 5000 OUT-SWING DOOR

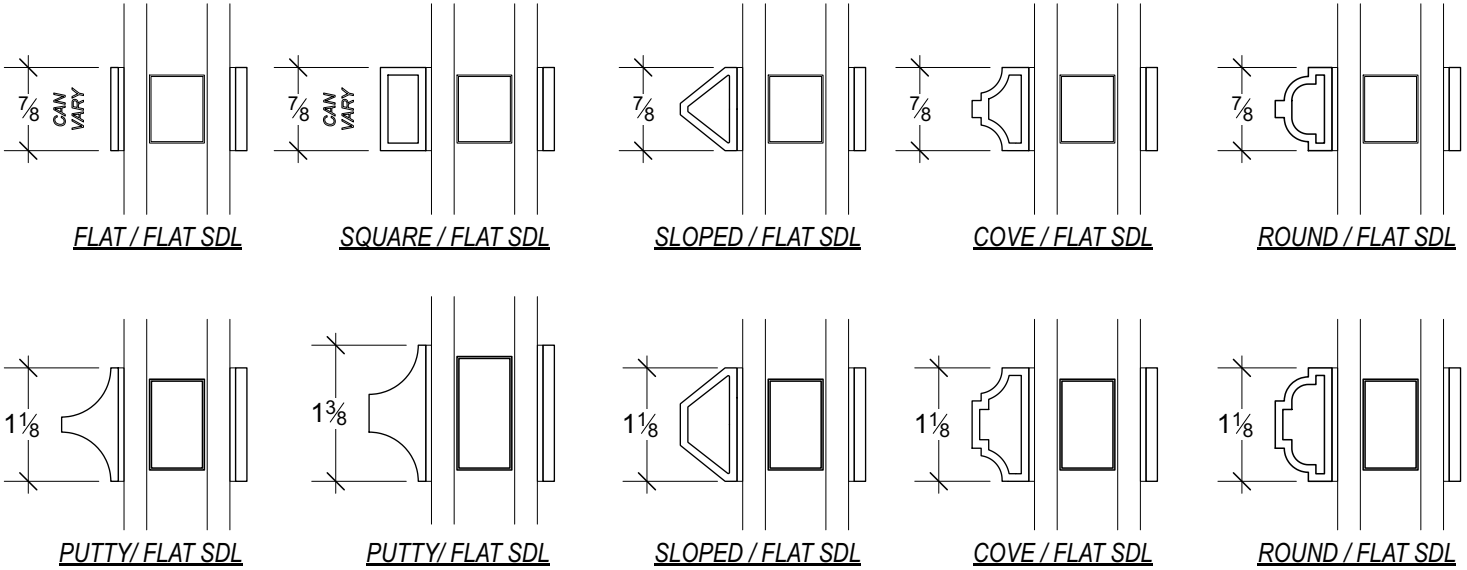


FS-56i 3000 OUT-SWING WINDOW

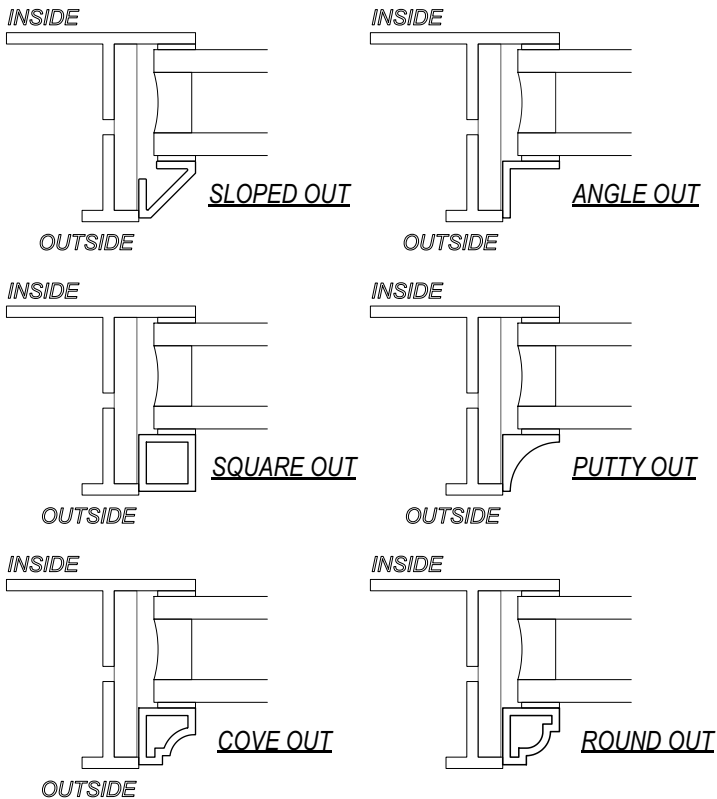
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## Muntins & Glazing Beads

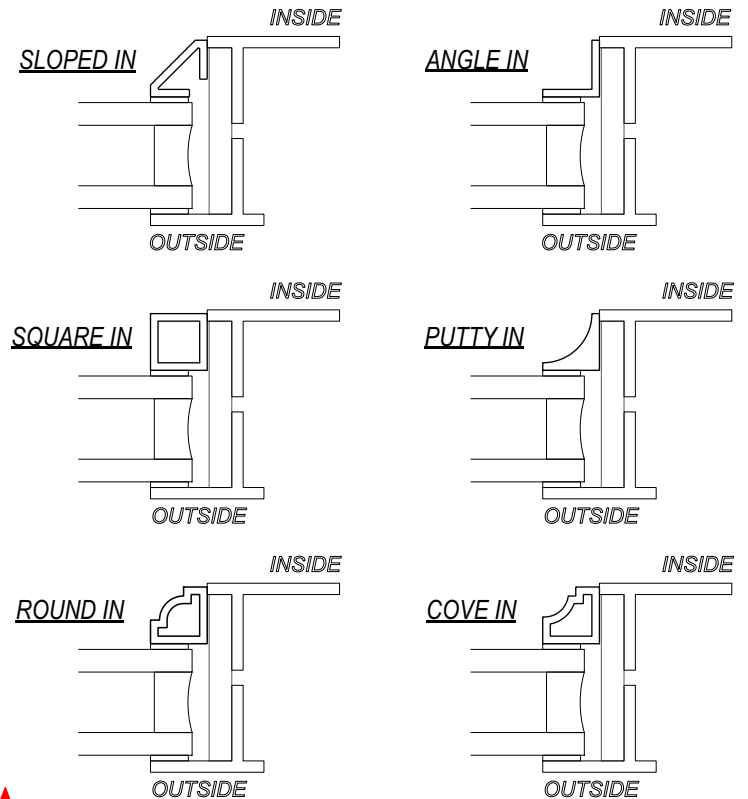
### MUNTIN GRIDS - STANDARD OPTIONS



### OUTSIDE GLAZED STANDARD BEAD PROFILES



### INSIDE GLAZED STANDARD BEAD PROFILES

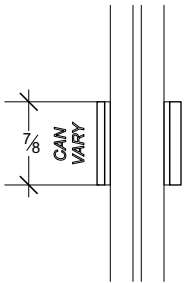


Thermal Steel & Bronze Windows & Doors

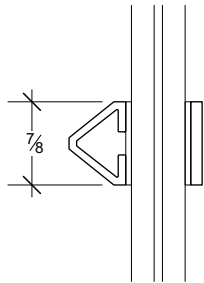
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## Muntins & Glazing Beads

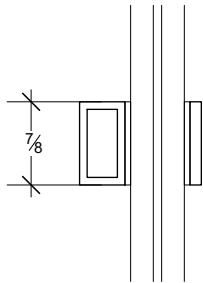
### MUNTIN GRIDS MONOLITHIC LAMI - STANDARD OPTIONS



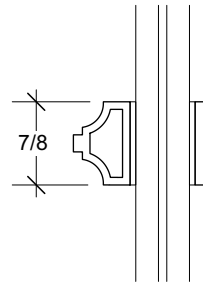
FLAT / FLAT SDL



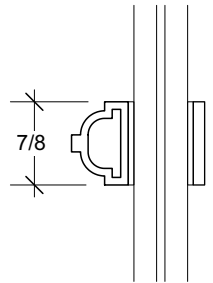
SLOPED / FLAT SDL



SQUARE / FLAT SDL

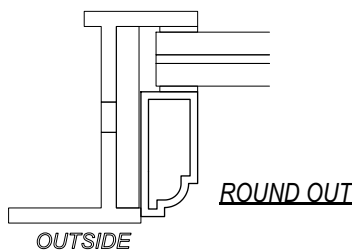
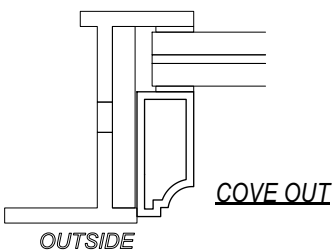
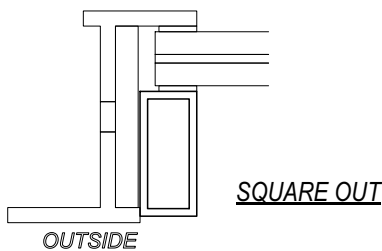
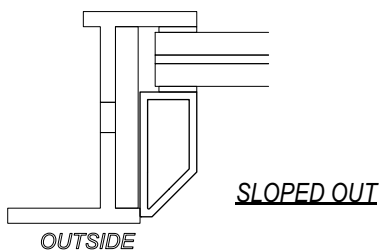
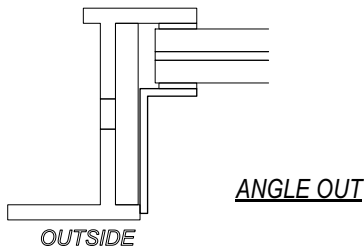


COVE / FLAT SDL

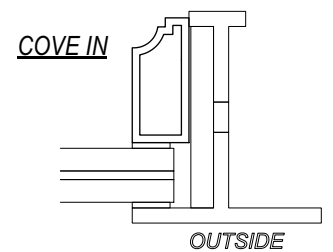
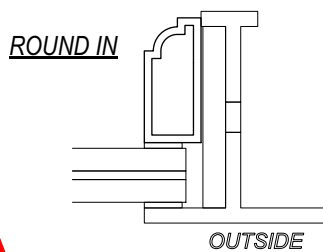
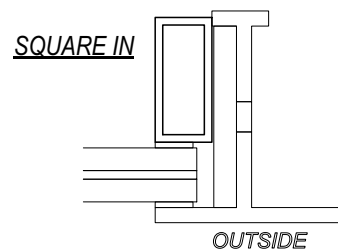
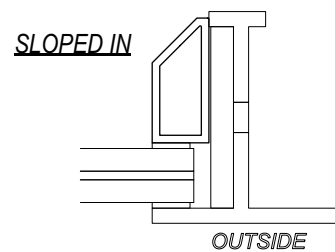
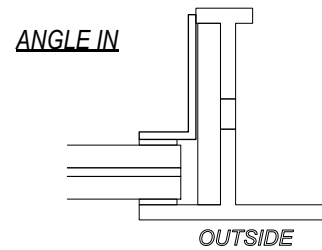


ROUND / FLAT SDL

### OUTSIDE GLAZED MONOLITHIC LAMI STANDARD BEAD PROFILES



### INSIDE GLAZED MONOLITHIC LAMI STANDARD BEAD PROFILES



Thermal Steel & Bronze Windows & Doors

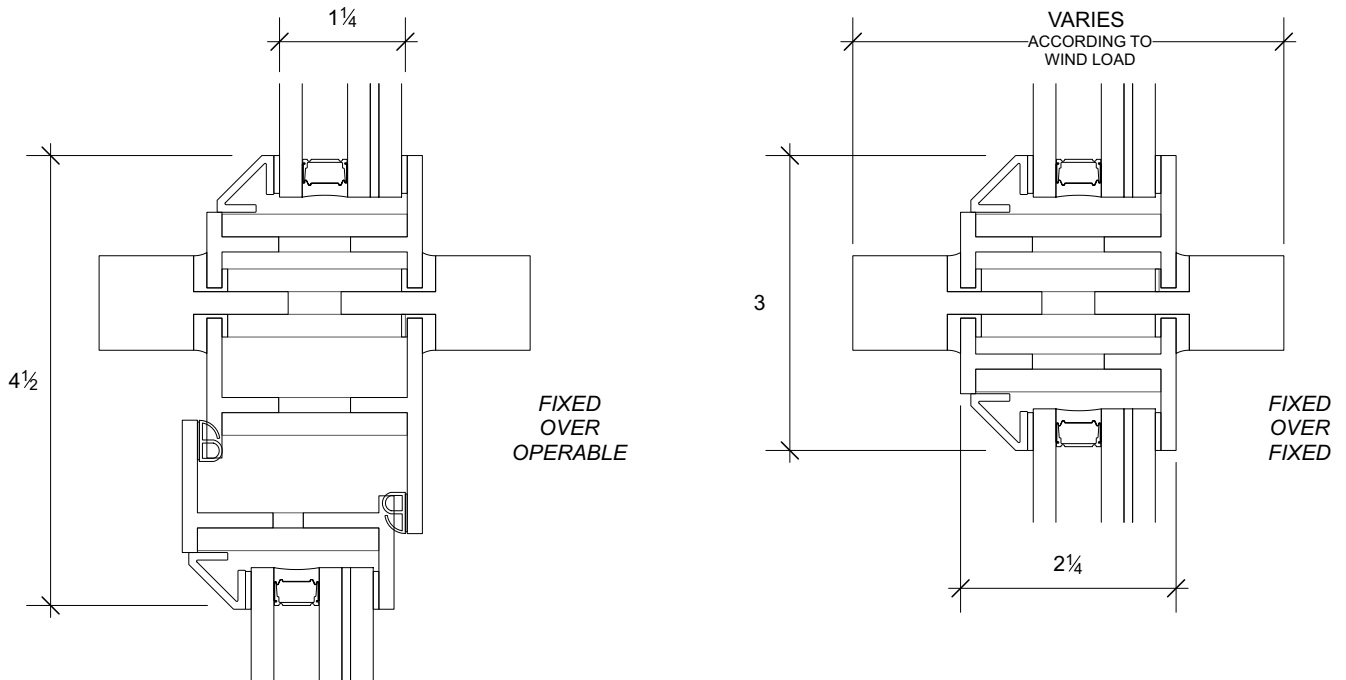
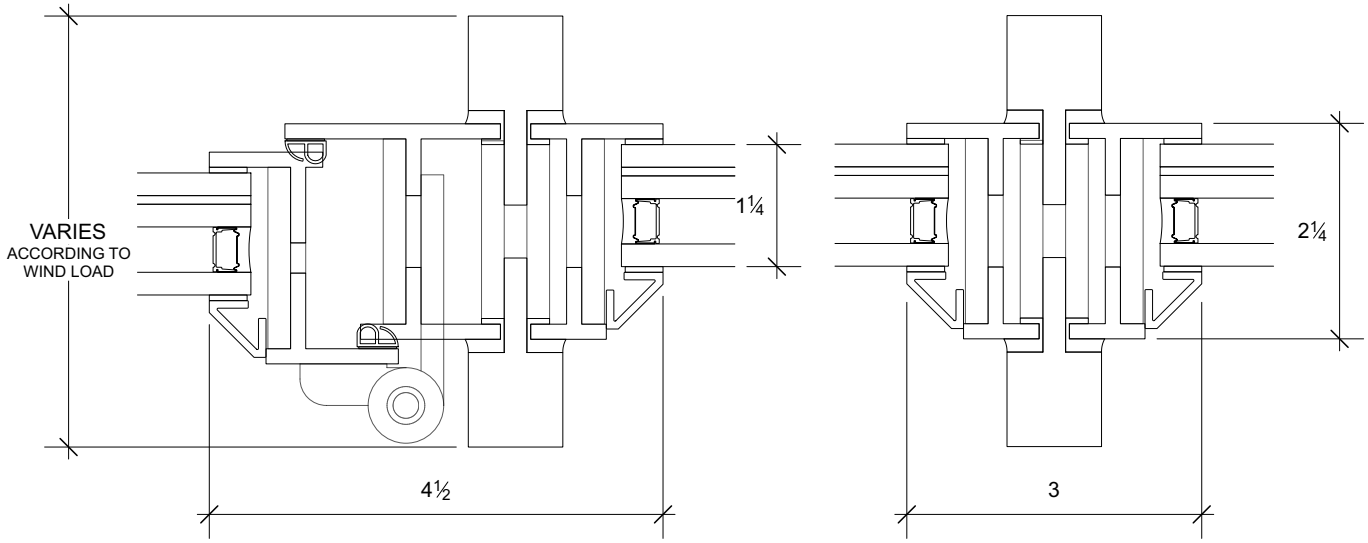
## Mullions

with FULL THERMAL BREAK

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OPERABLE TO FIXED

FIXED TO FIXED





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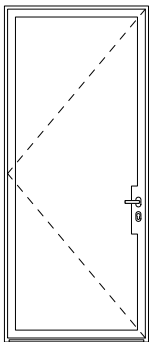
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## Door Configurations

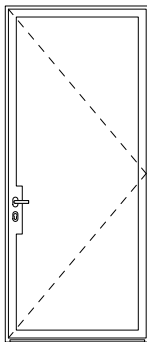
OUT-SWING Single or French operation available

all units CUSTOM SIZE, built to order

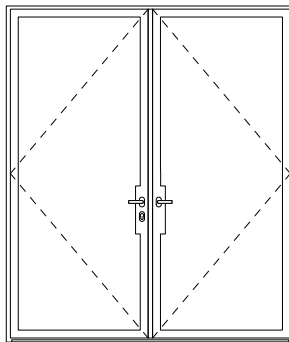
SHAPED, RADIUS and ARCHED configurations possible



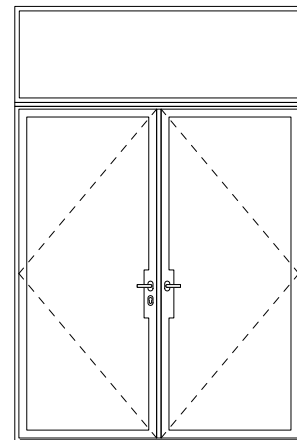
*SINGLE  
LEFT*



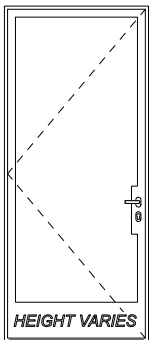
*SINGLE  
RIGHT*



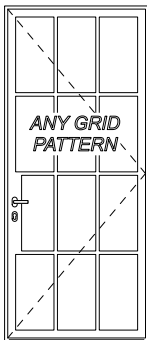
*FRENCH  
PAIR*



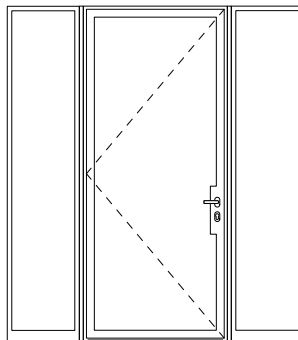
*OPTIONAL  
TRANSOM*



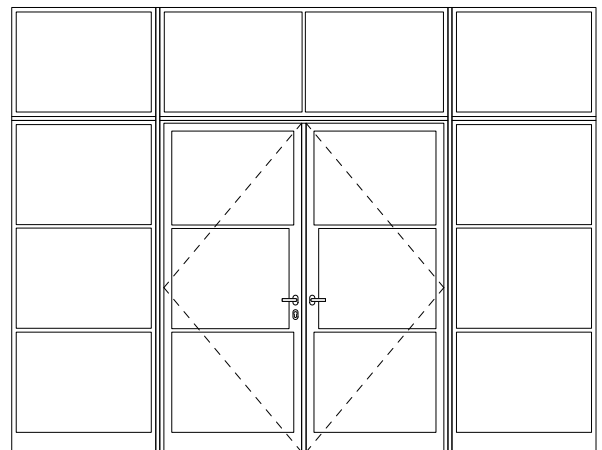
*OPTIONAL  
KICK*



*OPTIONAL  
MUNTINS*



*OPTIONAL  
SIDELITES*



*EXAMPLE WITH  
MUNTINS, KICKS, TRANSOMS & SIDELITES*

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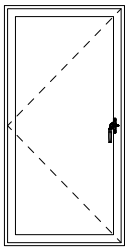
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## Window Configurations

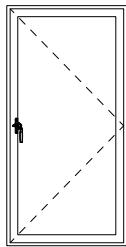
FIXED,  
 OUT-SWING CASEMENT,  
 PROJECT-OUT AWNING

all units CUSTOM SIZE, built to order

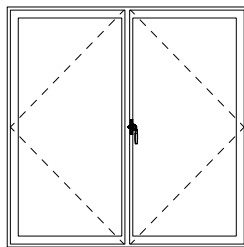
SHAPED, RADIUS and ARCHED configurations possible



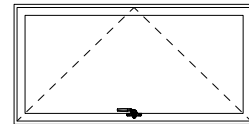
**SINGLE  
 CASEMENT  
 LEFT**



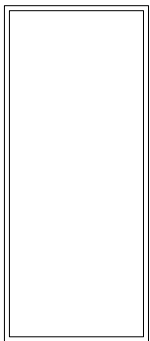
**SINGLE  
 CASEMENT  
 RIGHT**



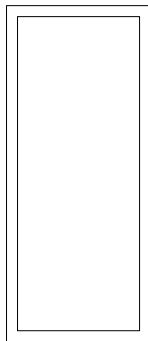
**CASEMENT  
 FRENCH  
 PAIR**



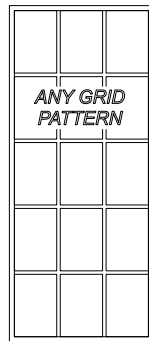
**AWNING**



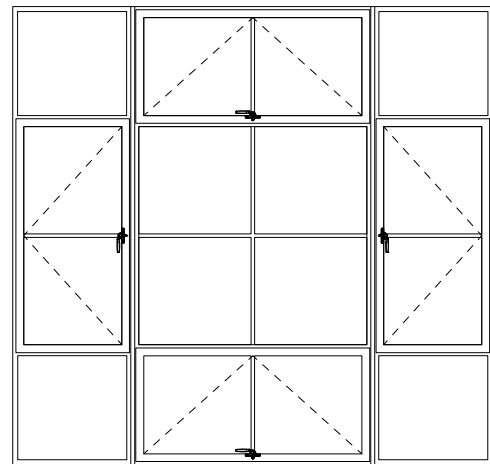
**FIXED**



**SIGHTLINE  
 FIXED**  
*(matches sightlines  
 of operable vent)*



**OPTIONAL  
 MUNTINS**



**EXAMPLE WITH  
 FIXED, CASEMENTS, AWNING, HOPPER  
 MULLIONS & MUNTINS**

Thermal Steel & Bronze Windows & Doors

## Finishes

### STEEL FRAMES



RAL COLORS

Fenestar Swing Doors are available with galvanized steel or stainless steel frames, factory finished with a Super Durable polyester powdercoat finish. Any RAL color can be selected.

This standard powder coat finish provides excellent exterior durability, excellent chemical resistance, is highly impact resistant and very flexible, it has excellent abrasion resistance, and meets and exceeds AAMA 2604 performance requirements.

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- AAMA 2604 performance standard
- Select any RAL color standard
- Custom color matching available
- Split finishes available  
 (different colors inside and out)
- Metallic finishes available
- Textured finishes available
- AAMA 2605 (Kynar) available

Consult with Fenestar regarding custom paint finishes.

### WINDOW HARDWARE



Fenestar Casement and Projecting Window hardware is a complete system that includes decorative and stylish brass handles, fasteners, cam locks and operators, stainless steel hinges, concealed multi-point latching, stay arms and flush bolts.

Refer to Fenestar's

#### WINDOW HARDWARE SELECTION GUIDE

for the full range of Fenestar's available hardware styles and options.



DARK BRONZE



SATIN CHROME

Consult with Fenestar regarding custom hardware finishes.

### DOOR HARDWARE



Fenestar Swing Door hardware is a complete system that includes decorative and stylish brass lever handles and escutcheons, profile cylinder locking, stainless steel hinges and mortise locks, and concealed multi-point latching, stay arms and flush bolts.

Refer to Fenestar's

#### DOOR HARDWARE SELECTION GUIDE

for the full range of Fenestar's available hardware styles and options.



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**Fenestar USA LLC**

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