



**QUAKER**  
COMMERCIAL WINDOWS AND DOORS



**E300/E350/E500 Series**  
**AW-PG50/CW-70**  
**3 1/4" Frame Depth**  
**Picture Window (Fixed)**

## E300/E350/E500 SERIES PICTURE WINDOW (FIXED)

The Quaker Emerge E300/E350/E500 Series Picture window is ideal for a variety of applications including - Energy Efficient, Institutions, Education, Apartments and Assisted Living.

### FEATURES

- ◇ **Commercial Framing System**
  - 3 1/4" main frame
  - 0.062" wall thickness of frame
  - Frame and sill mortised and joined with screw fasteners
- ◇ **Enhanced Design**
  - Azon pour and debridge thermal break is 1/2" wide in all main frame and vent rail extrusions
- ◇ **Glazing**
  - 1" insulated glass

### BENEFITS

- ◇ The capacity to match exterior colors for unique project facades
- ◇ The ability to facilitate large sizes for taller and wider window openings

### OPTIONS

- ◇ **Available Configurations**
  - Picture window
  - Geometric shapes
- ◇ **Muntin Choices**
  - Internal or simulated divided lites available
- ◇ **Nailing Fin**
- ◇ **Glazing**
  - Capillary tubes
  - Argon gas
  - Wide variety of glazing, tinting and thickness options
- ◇ **Panning & Trim Choices**
  - Wide variety of panning, receptor and trim available
- ◇ **Mulling**
  - Wide variety of structural mulls

### PERFORMANCE

- ◇ Structural & Thermal (test reports or thermal simulations available upon request)

Model	Picture Window (Fixed)
AAMA/WDMA/CSA 101/IS.2/A440-08 Rating	AW-PG50
Structural Load P.S.F.	75.19
Air at 50 MPH (cfm/ft <sup>2</sup> )	0.01
Water (No Penetration) P.S.F.	10
U-Value (with Low-E and Argon)	0.25-0.31
SHGC (with Low-E and Argon)	0.16-0.37

Window test size: 60" x 99"

Model	Picture Window (Fixed)
AAMA/WDMA/CSA 101/IS.2/A440-08 Rating	CW-70
Structural Load P.S.F.	105.26
Air at 50 MPH (cfm/ft <sup>2</sup> )	0.01
Water (No Penetration) P.S.F.	12.11
U-Value (with Low-E and Argon)	0.25-0.31
SHGC (with Low-E and Argon)	0.16-0.37

Window test size: 60" x 60"



Our products are tested to the standards of and certified by the American Architectural Manufacturer's Association, the National Fenestration Rating Council and the Window & Door Manufacturers Association.

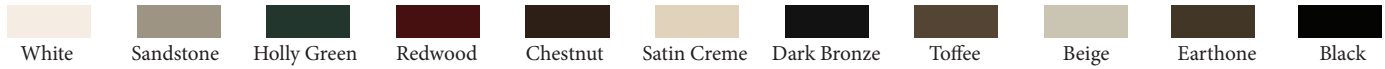


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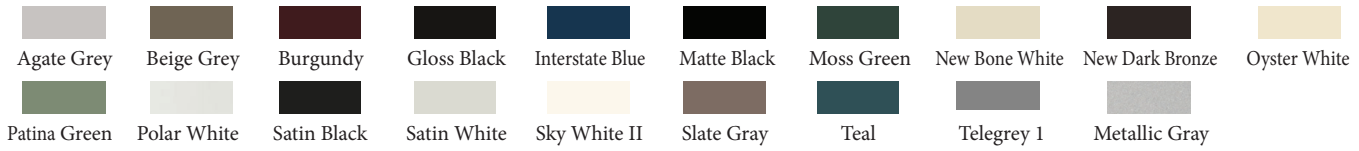
# ARCHITECTURAL PAINT COATINGS AND FINISHES

◇ Baked on powder coat finish meets ANSA/AAMA 2604 specs and is available in unlimited colors

- 11 Popular Colors



- 19 Impressive Colors



- 7 Resemble Colors (painted finish resembling anodized)



- Unlimited Custom Colors

\* Printed colors shown here may not accurately depict actual painted colors. Color samples are available upon request.

◇ ANSA/AAMA 2605 powder coat finishes

◇ AAMA 611-98 Class I clear and tinted anodized finishes

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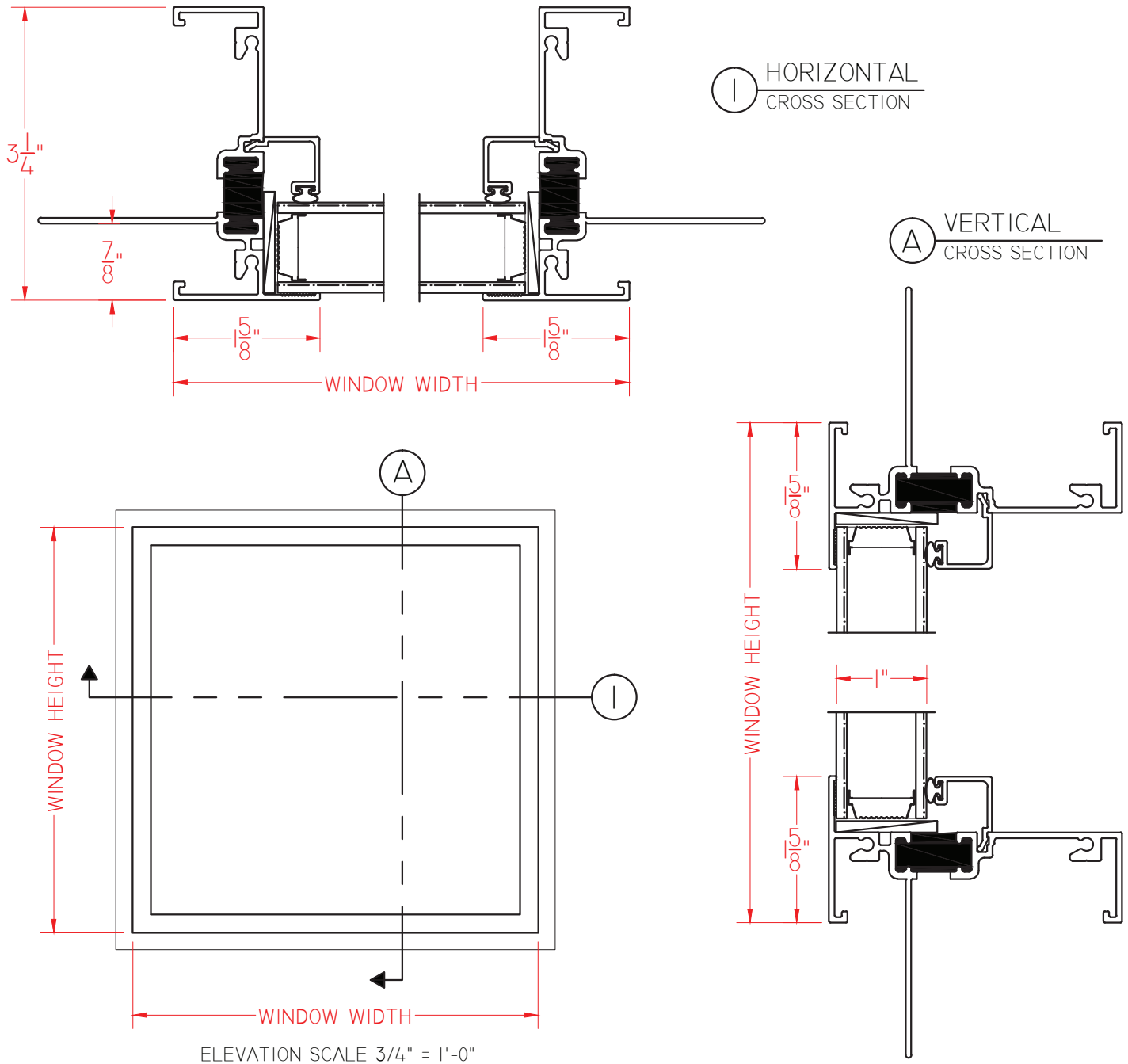
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# E300/E350/E500 PW WITH NAILING FIN

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02.04.2015 VERSION 1.0

SCALE 1:2

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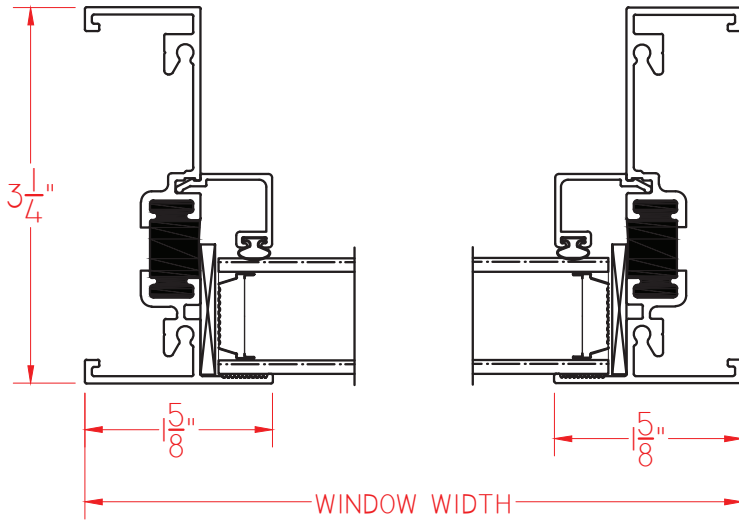
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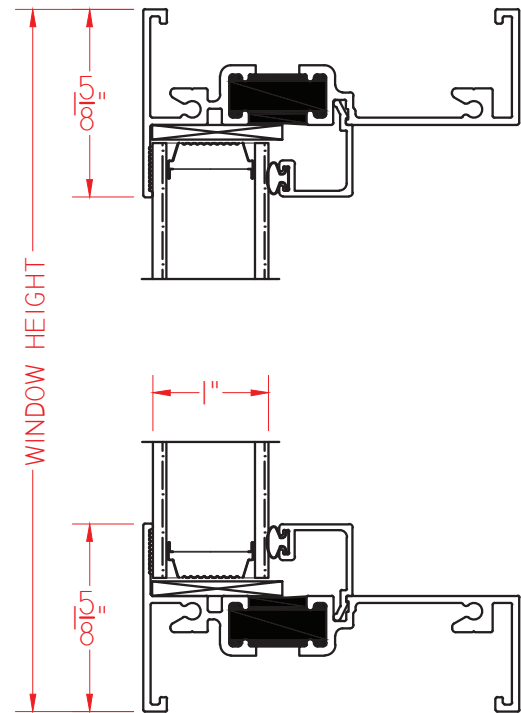
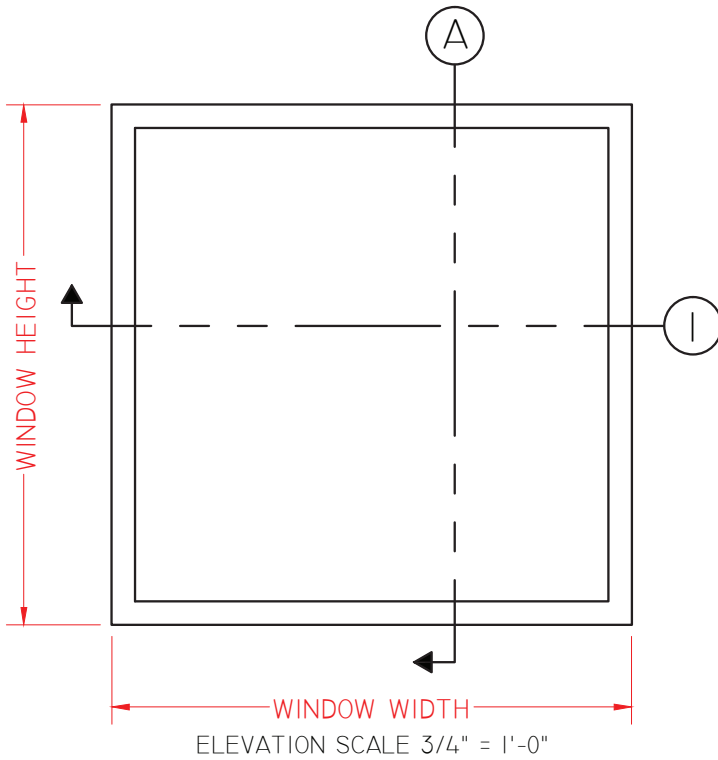
# E300/E350/E500 PW WITHOUT NAILING FIN

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① HORIZONTAL CROSS SECTION

Ⓐ VERTICAL CROSS SECTION



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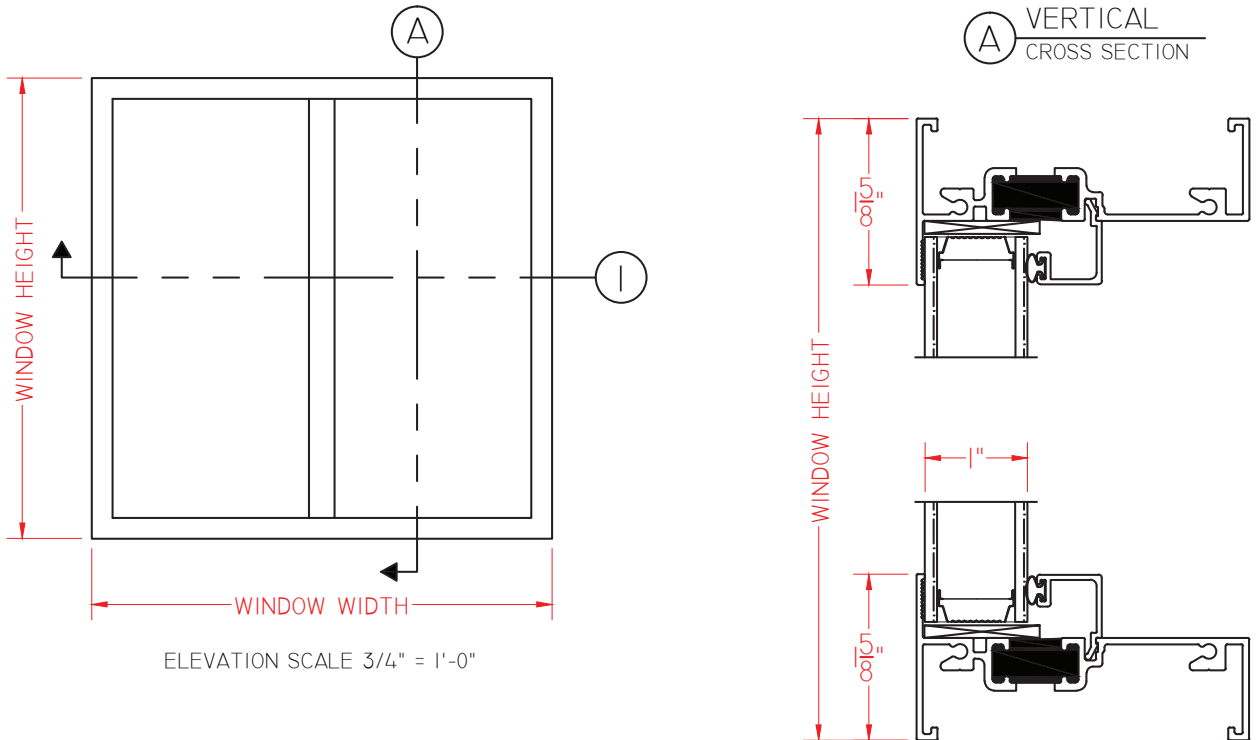
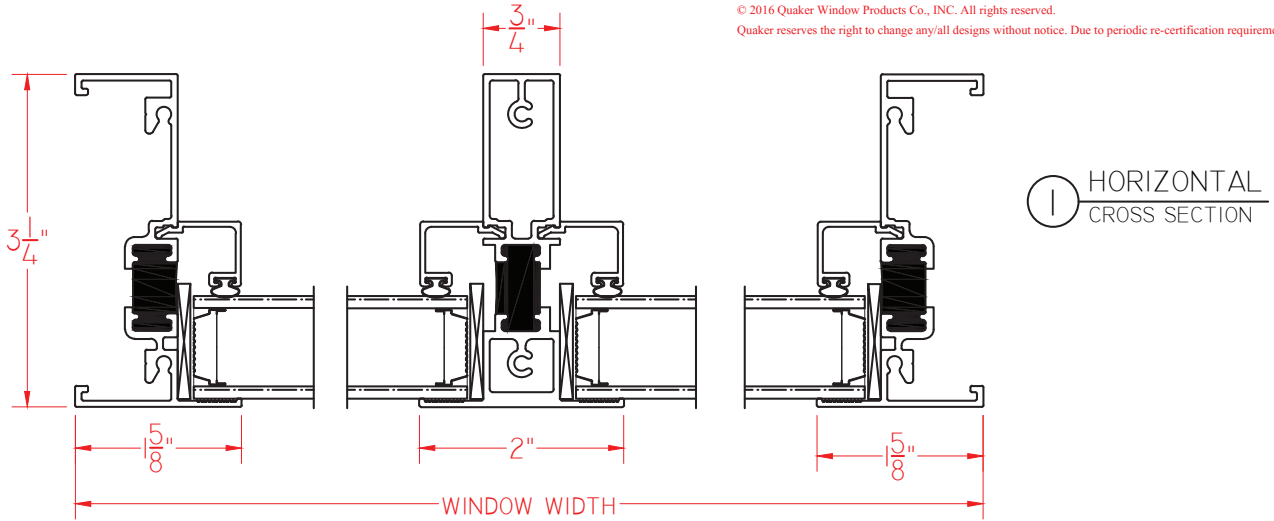
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# E300/E350/E500 PW WITH M-18867 DOUBLE JAMB (V)

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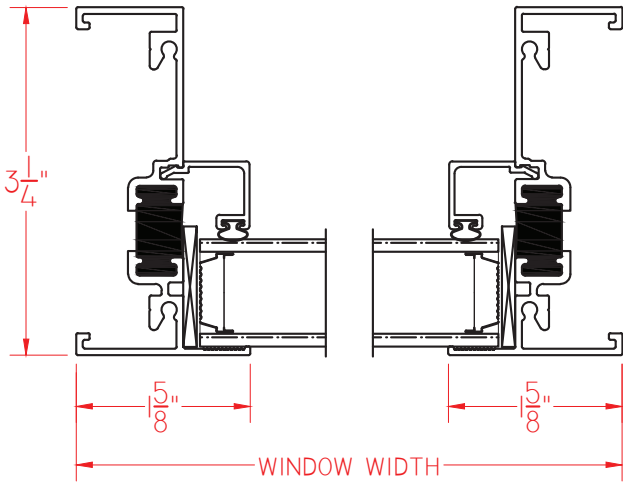
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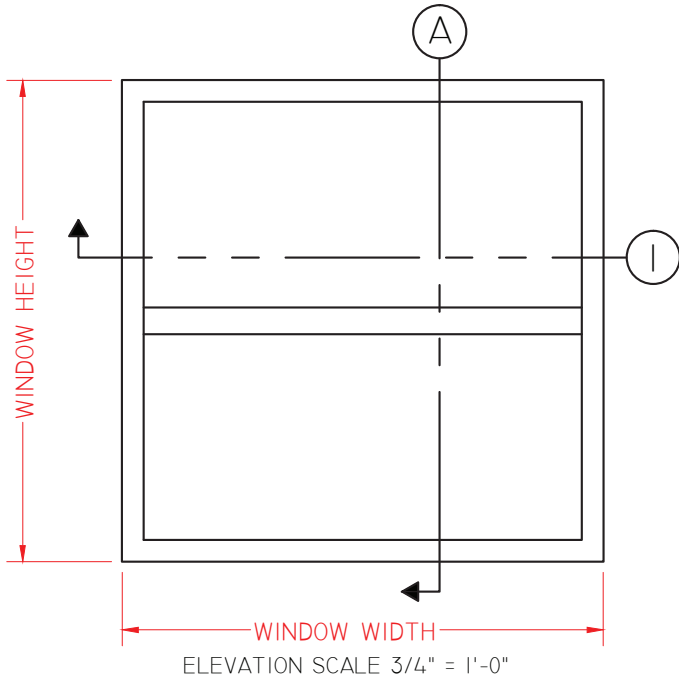
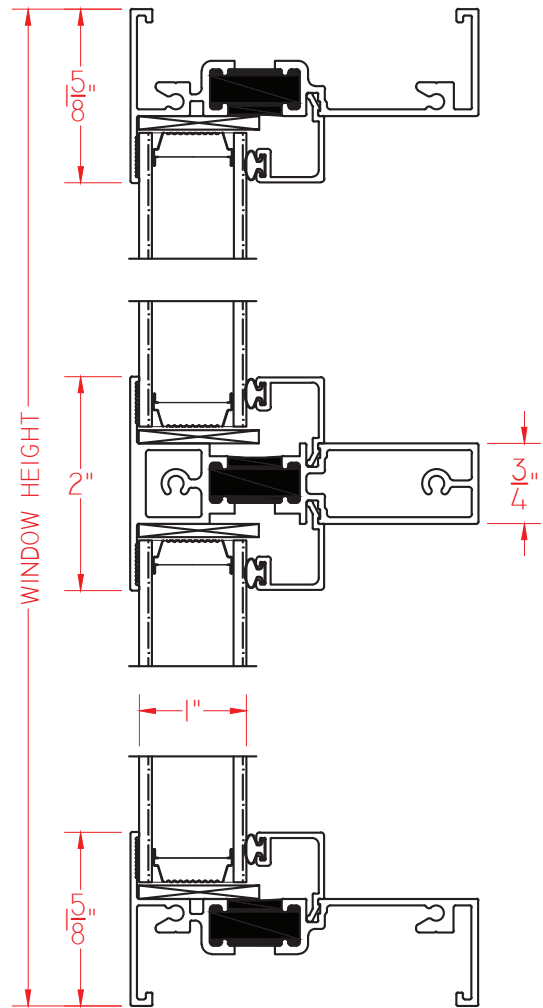
**E300/E350/E500 PW WITH M-18867 DOUBLE JAMB (H)**

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