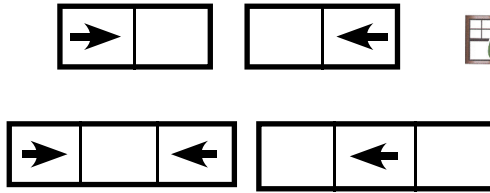




QUAKER
COMMERCIAL WINDOWS AND DOORS



emerge **E500 Series**
AW-PG50
3 1/4" Frame Depth
Horizontal Slider

E500 SERIES HORIZONTAL SLIDER

The Quaker Emerge E500 Series Horizontal Slider 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
- ◇ **Thermally Enhanced Design**
 - Azon pour and debridge thermal break is 1/2" wide in all main frame and vent rail extrusions
 - Frame and sash mitered and joined with screw fasteners
 - Fin seal wool pile weatherstripping
 - Positive interlocks
- ◇ **Glazing**
 - 1" insulated glass
- ◇ **Hardware**
 - Brass rollers with stainless steel axle pins for easy operation
 - Gravity latch
- ◇ **Screen**
 - Extruded aluminum screen frame with BetterVue™ mesh

BENEFITS

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

PERFORMANCE

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

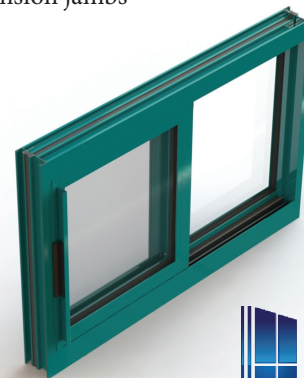
Model	Horizontal Slider
AAMA/WDMA/CSA 101/I.S.2/A440-08 Rating	AW-PG50
Structural Load P.S.F.	75.19
Air at 50 MPH (cfm/ft ²)	0.09
Water (No Penetration) P.S.F.	10.03
U-Value (with Low-E and Argon)	0.36 - 0.41
SHGC (with Low-E and Argon)	0.13 - 0.31

Window test size: 99" x 79"

Operating Force: 22 lbf (maintain motion), 1 lbf (latches)

OPTIONS

- ◇ **Available Configurations**
 - Fixed-Active
 - Active-Fixed
 - Active-Fixed-Active
 - Fixed-Active-Fixed
- ◇ **Muntin Choices**
 - Internal or simulated divided lites available
- ◇ **Hardware**
 - Sweep lock
 - Night latch
 - Limited travel latch
 - Wide variety of locking and operating hardware options
- ◇ **Nailing Fin**
- ◇ **Screen**
 - Extruded aluminum screen frame with aluminum wire mesh
 - Extruded aluminum screen frame with sunscreen mesh
 - Extruded aluminum screen frame with stainless steel 0.009" thickness mesh
 - Security screen (limitations apply)
- ◇ **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
- ◇ **Specialty**
 - Attached exterior or interior storm window
 - Extension jambs



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.

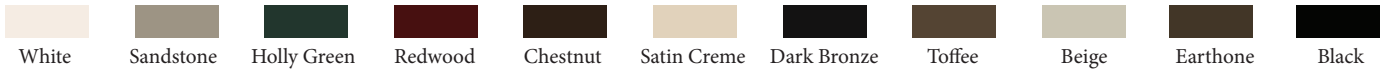


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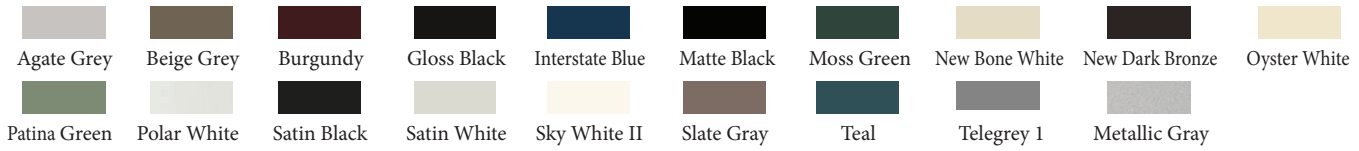
ARCHITECTURAL PAINT COATINGS AND FINISHES

◇ 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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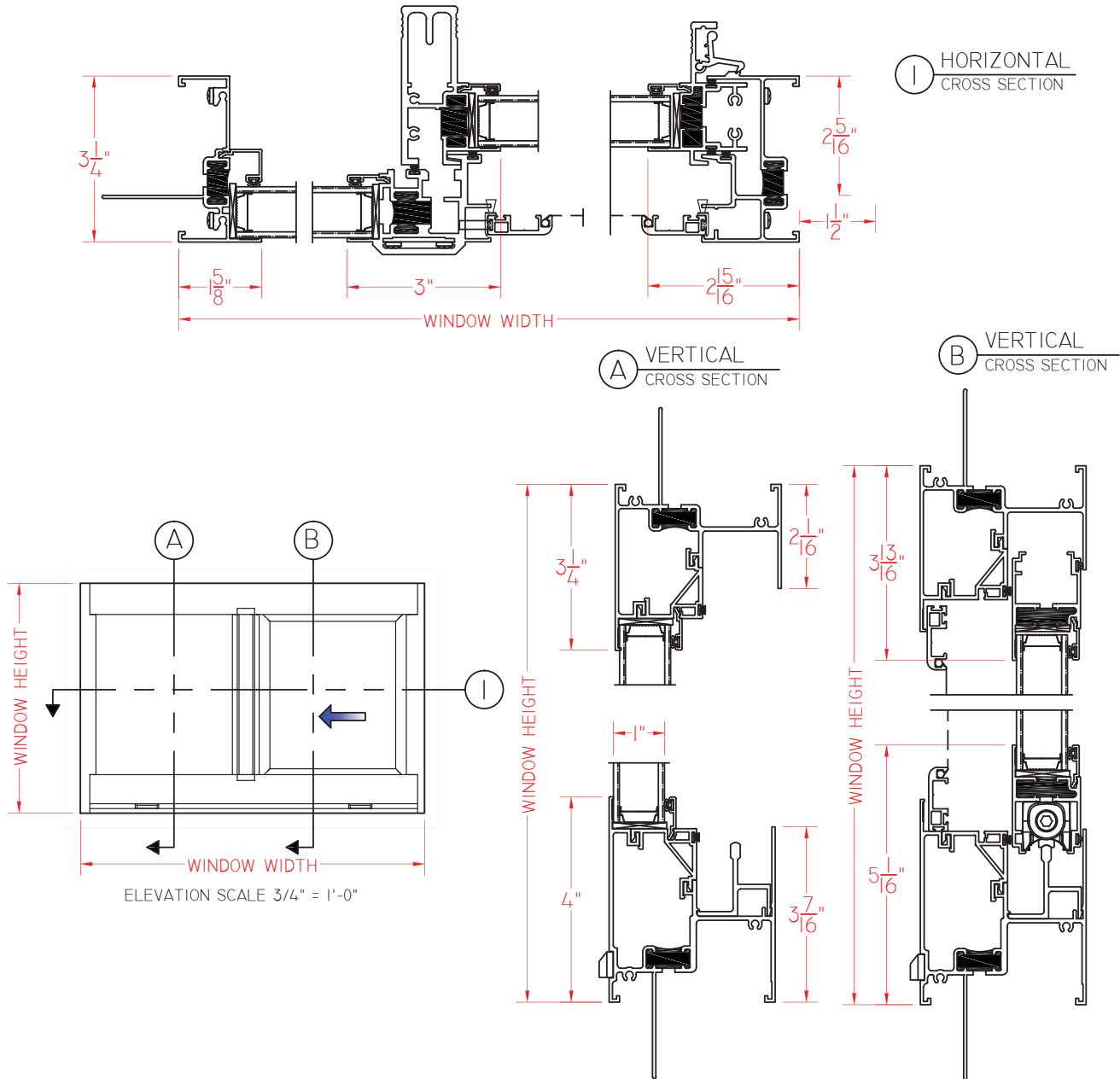
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emerge **E500 Series**
AW-PG50
3 1/4" Frame Depth
Horizontal Slider

E500 SL WITH NAILING FIN

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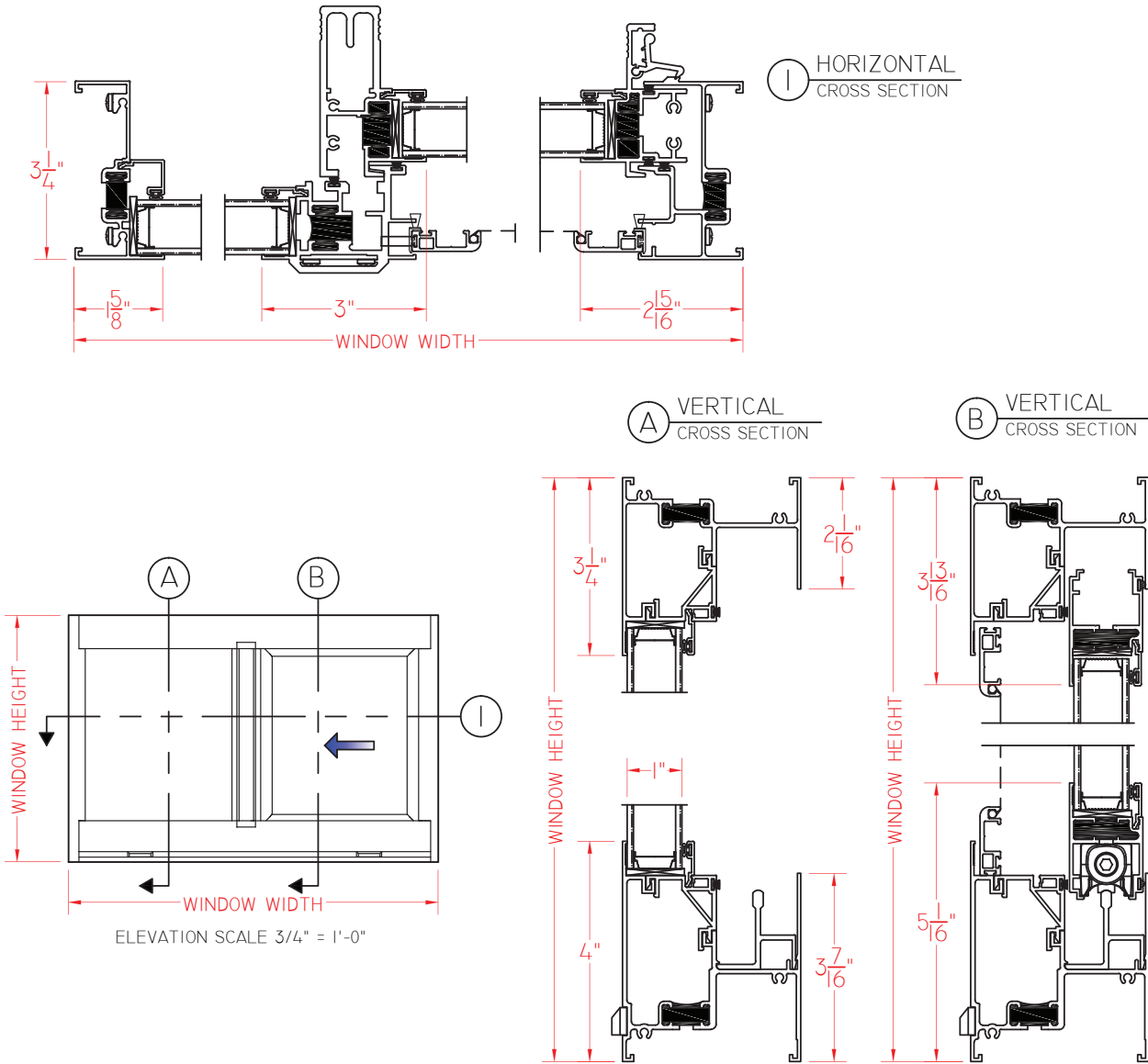
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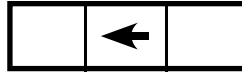
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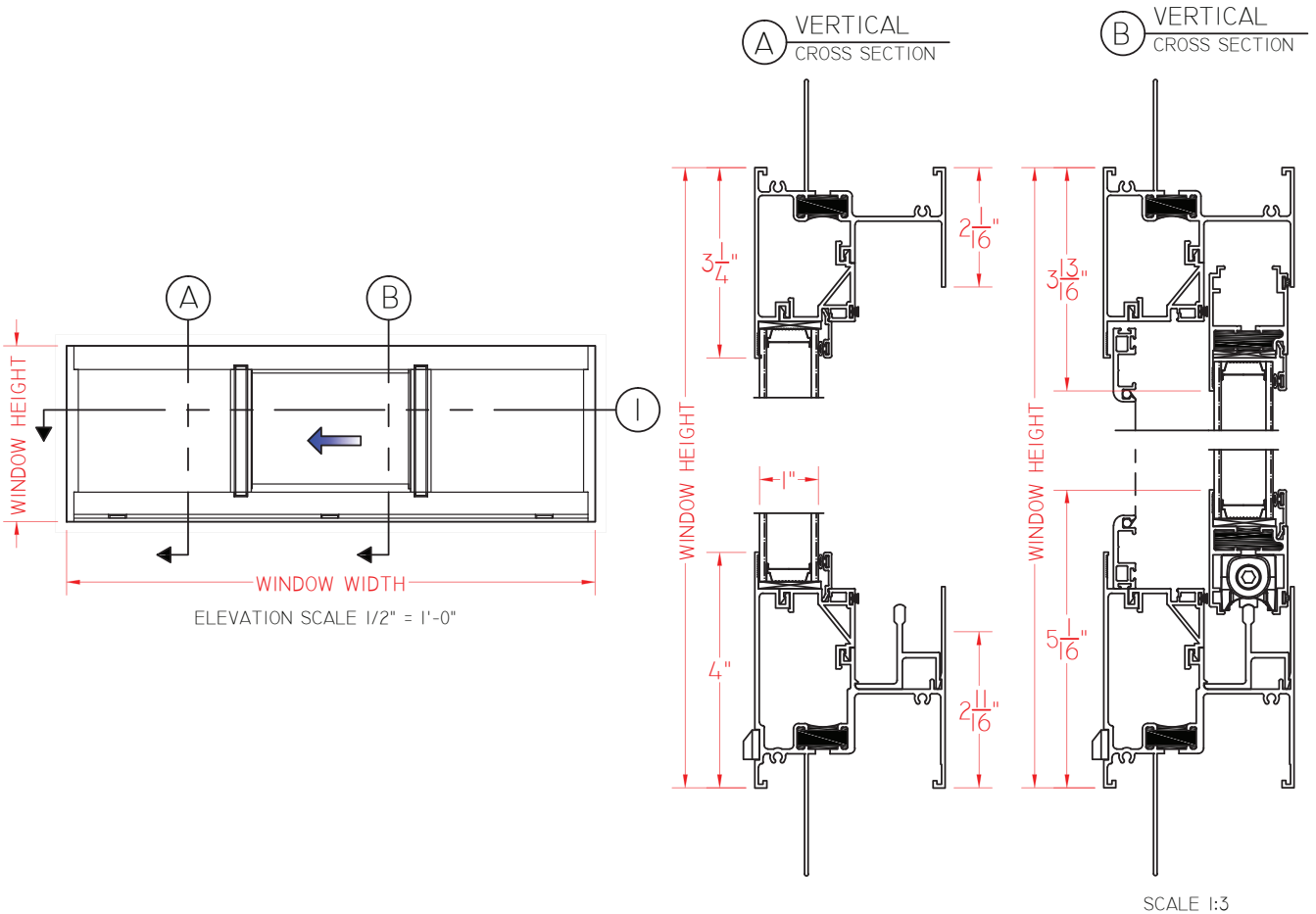
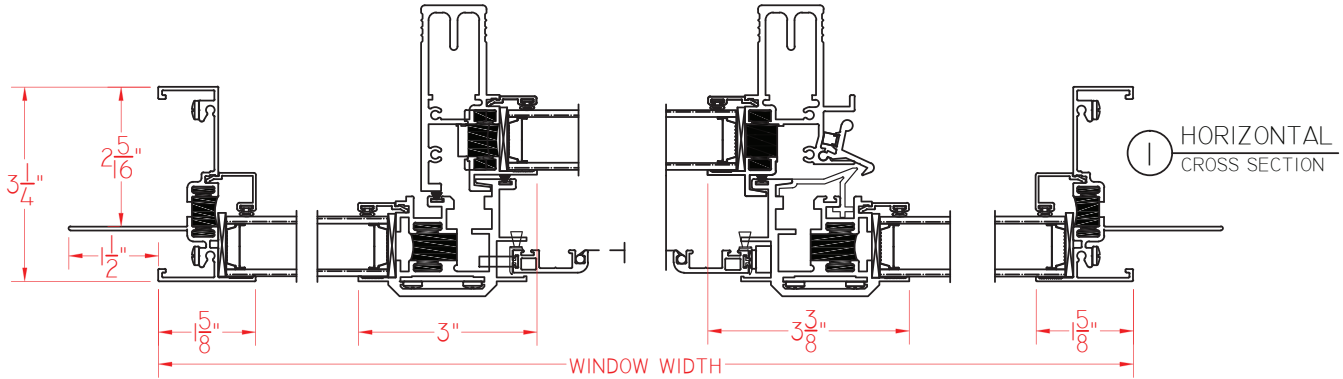
QUAKER
COMMERCIAL WINDOWS AND DOORS



emerge **E500 Series**
AW-PG50
3 1/4" Frame Depth
Horizontal Slider

E500 CENTER VENT SLIDER WITH NAILING FIN

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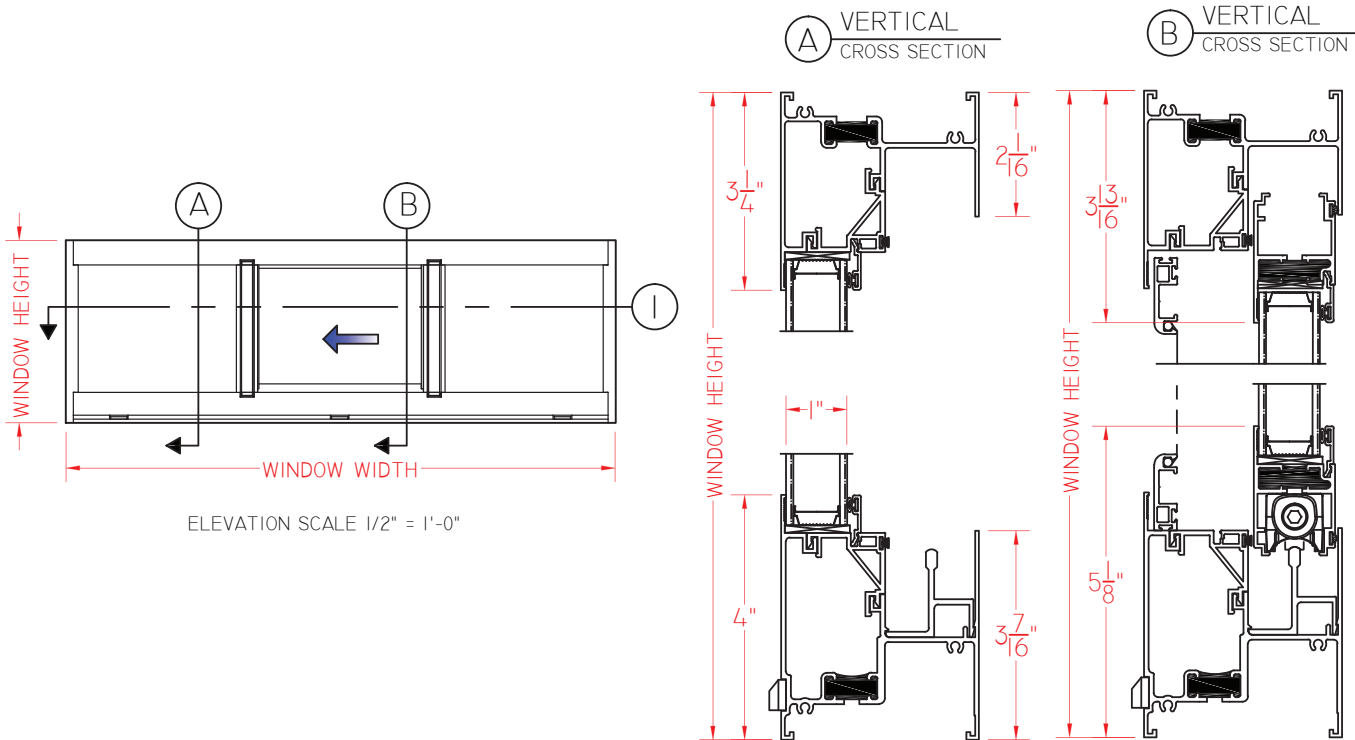
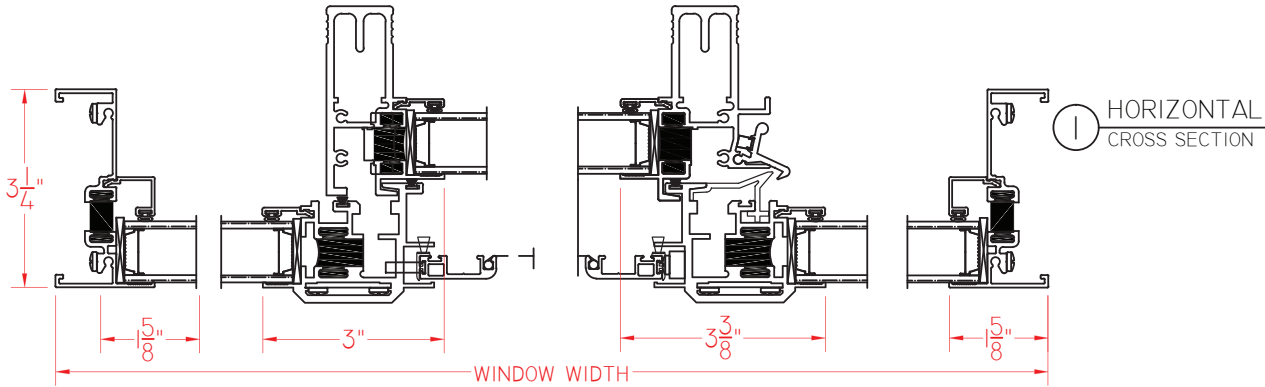
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emerge **E500 Series**
AW-PG50
3 1/4" Frame Depth
Horizontal Slider

E500 CENTER VENT SLIDER WITHOUT NAILING FIN

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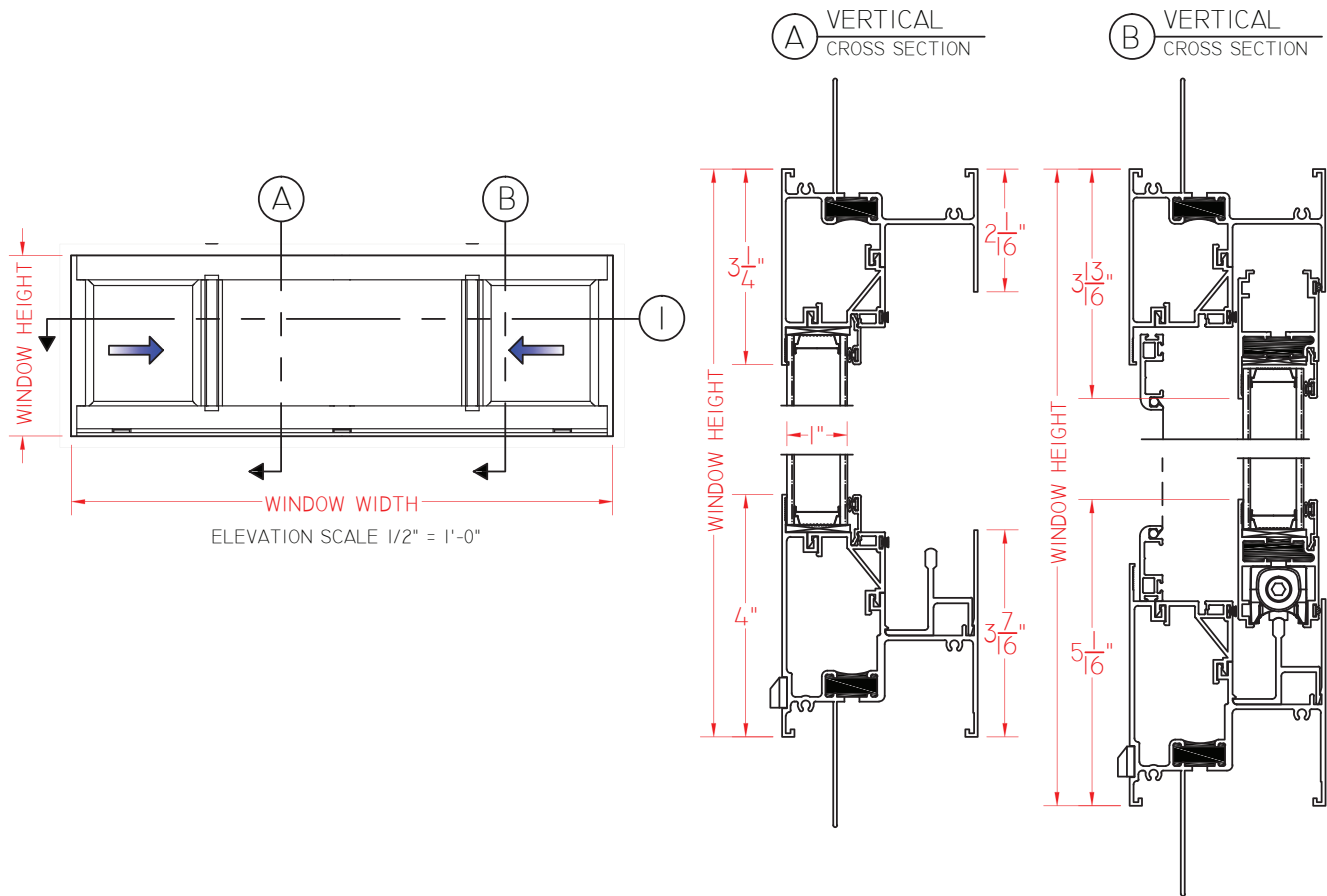
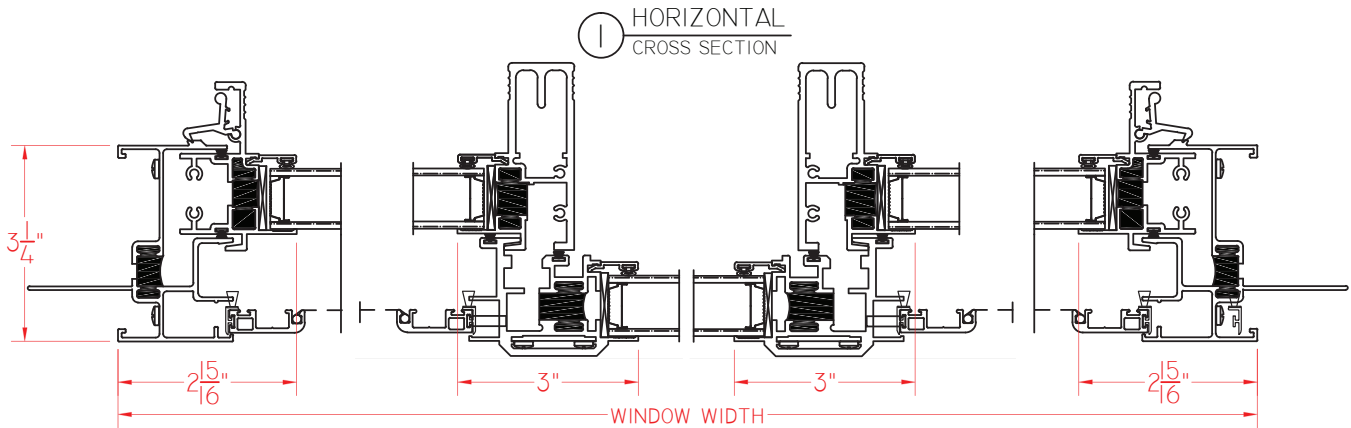


emerge E500 Series
By Quaker

AW-PG50
3 1/4" Frame Depth
Horizontal Slider

E500 END VENT SLIDER WITH NAILING FIN

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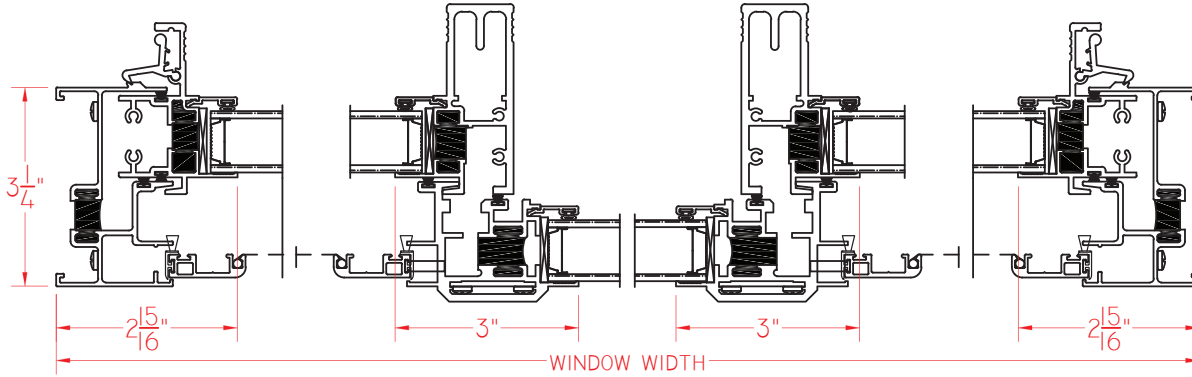


emerge **E500 Series**
AW-PG50
3 1/4" Frame Depth
Horizontal Slider

E500 END VENT SLIDER WITHOUT NAILING FIN

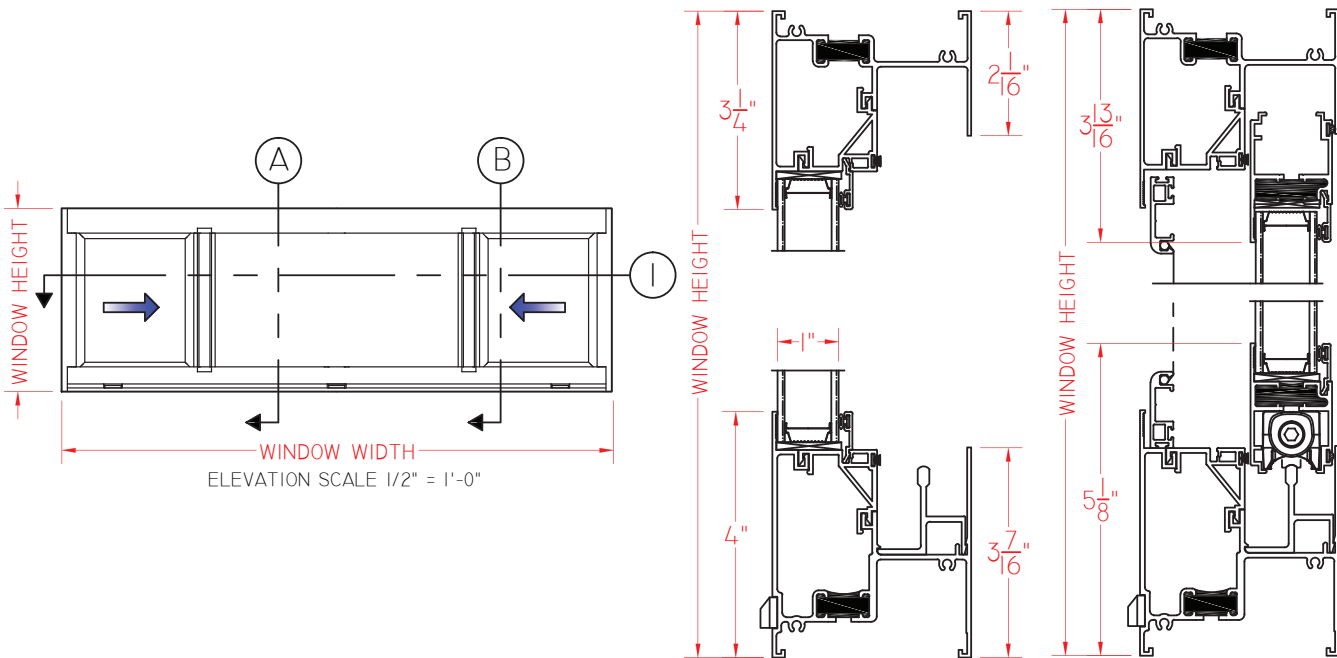
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① HORIZONTAL CROSS SECTION



Ⓐ VERTICAL CROSS SECTION

Ⓑ VERTICAL CROSS SECTION



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