

V500 Series 3 1/4" Frame Depth Tilt/Turn Window (Project-In)

V500 Series Tilt/Turn Window (Project-In)

Features

- ◇ **Material**
 - uPVC vinyl
- ◇ **Commercial Framing System**
 - 3 1/4" main frame
 - Architectural grade uPVC vinyl frame
- ◇ **Enhanced Design**
 - Mitered and welded corners
- ◇ **Glazing**
 - 1" insulating glass
- ◇ **Hardware**
 - Concealed hinges
 - Tilt/Turn Pull-In hardware
- ◇ **Screen**
 - Extruded aluminum screen frame with BetterVue™ mesh with WaterShed® technology
- ◇ **Colors**
 - White or Sandstone uPVC vinyl (interior/exterior)

Benefits

- ◇ AW-Rating makes this the perfect uPVC product for commercial projects

Performance

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

Model	Casement (Project-In)
NAFS Rating	AW-75
Structural Load P.S.F.	112.78
Air infiltration	<0.10
Water (No Penetration) P.S.F.	12
U-Value (ranges based on multiple Low-E/Argon combinations)	0.16-0.31
SHGC (ranges based on multiple Low-E/Argon combinations)	0.10-0.49
CR (ranges based on multiple Low-E/Argon combinations)	45-78
STC	
OITC	

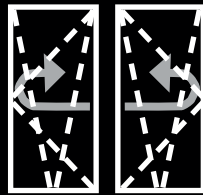
Due to periodic re-certification requirements, results shown may vary.

Options

- ◇ **Available Configurations**
 - Tilt/Turn Project-in (Left or Right hinge)
 - Continuous Frame capabilities
- ◇ **Muntin Choices**
 - Internal or simulated divided lites available
- ◇ **Screen**
 - Extruded aluminum screen frame with aluminum wire mesh
- ◇ **Glazing**
 - 1 1/2" insulating glass
 - 1 3/4" insulating glass
 - Multiple Low-E and argon glazing choices
 - Triple glazing
 - Capillary tubes
 - Wide variety of glazing, tinting and thickness options
- ◇ **Panning & Trim Choices**
 - Wide variety of panning, receptor and trim available
- ◇ **Mulling**
 - Multiple Vertical T-Mulls
 - 1" Stacking Mull
- ◇ **Colors**
 - High-performance Textured Black laminate (interior/exterior)
 - High-performance Textured Black laminate, Textured Dark Bronze laminate, or Textured Resembles Clear Anodized laminate (exterior only with White vinyl)
 - High-performance Textured Black laminate (interior and exterior)

Our products are tested to the standards of and certified by some of the foremost organizations in the fenestration industry.



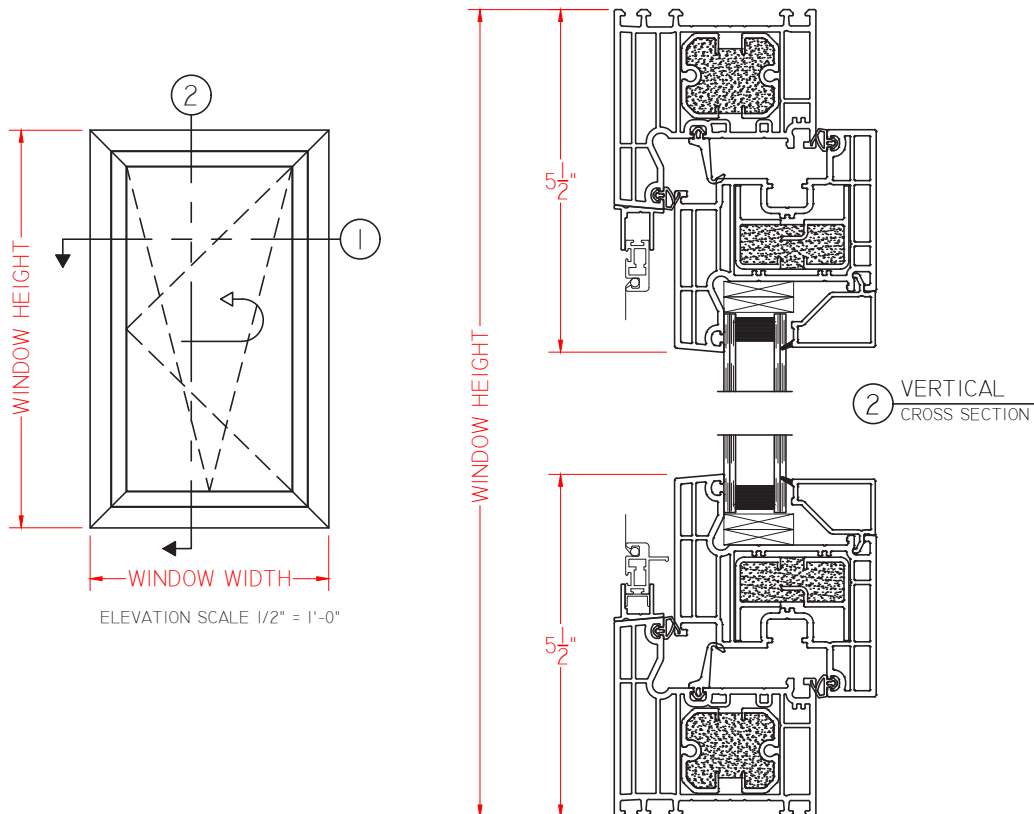
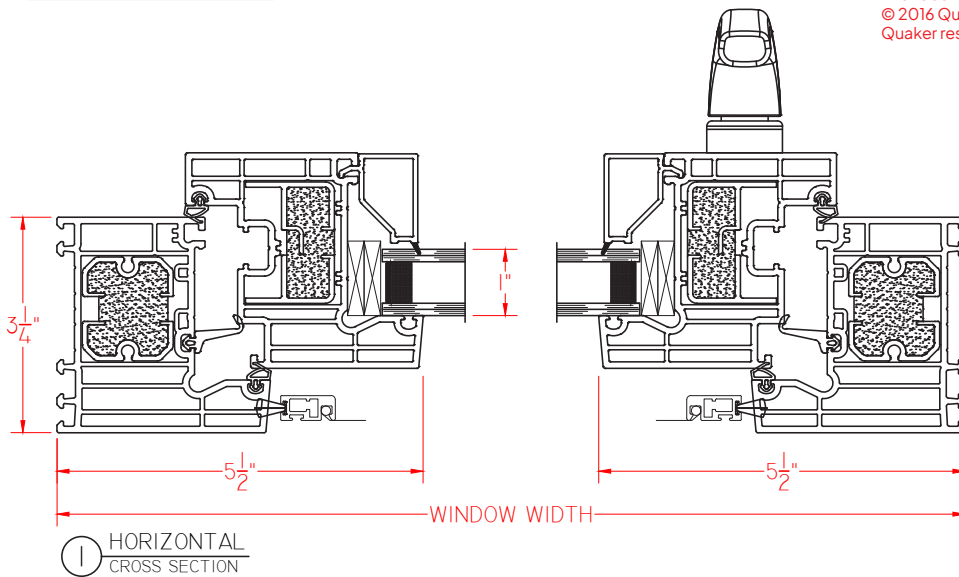


V500 Series 3 1/4" Frame Depth Tilt/Turn Window (Project-In)

Shown with standard
1" Insulating Glass

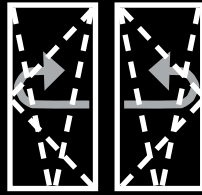
V500 Series Tilt/Turn Window (Project-In)

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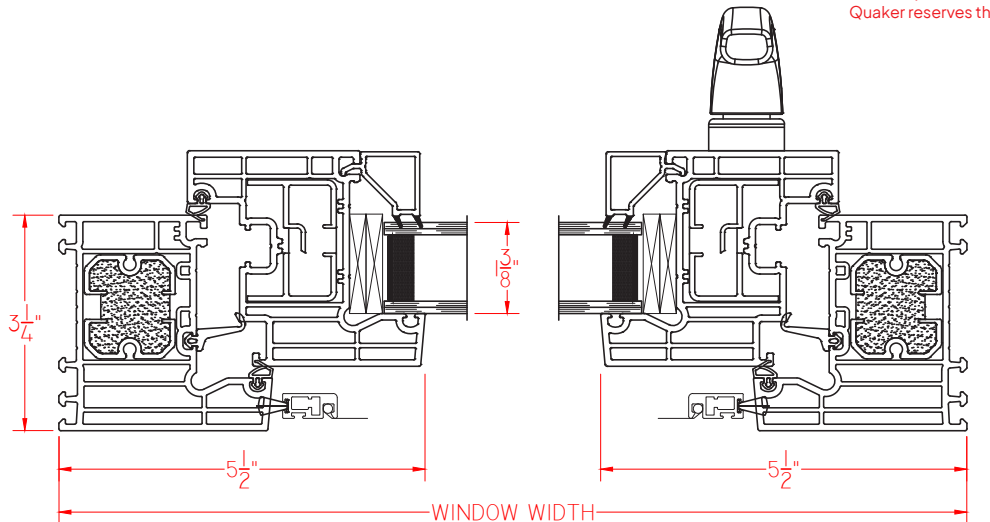


V500 Series 3 1/4" Frame Depth Tilt/Turn Window (Project-In)

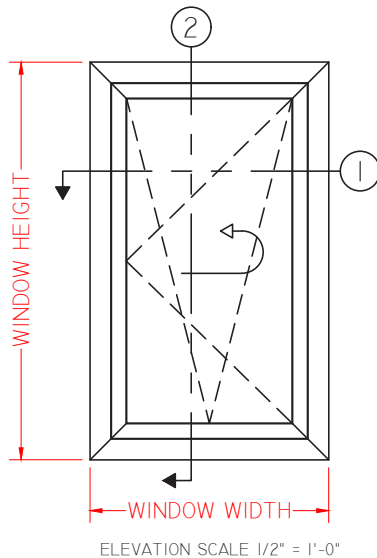
Shown with 1 3/8"
Insulating Glass

V500 Series Tilt/Turn Window (Project-In)

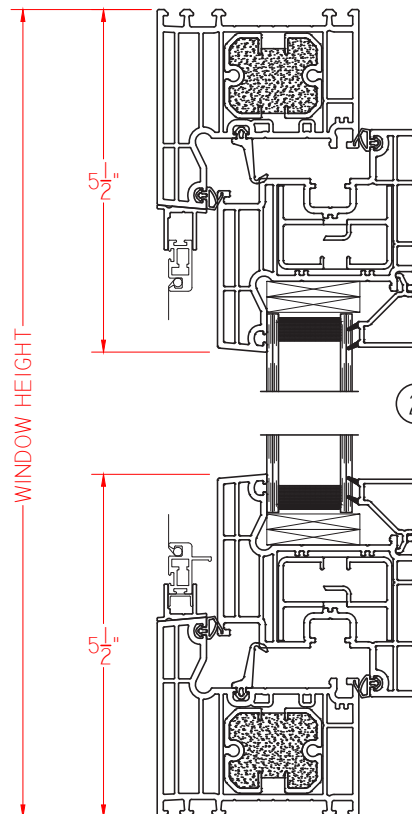
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① HORIZONTAL
CROSS SECTION



ELEVATION SCALE 1/2" = 1'-0"



② VERTICAL
CROSS SECTION

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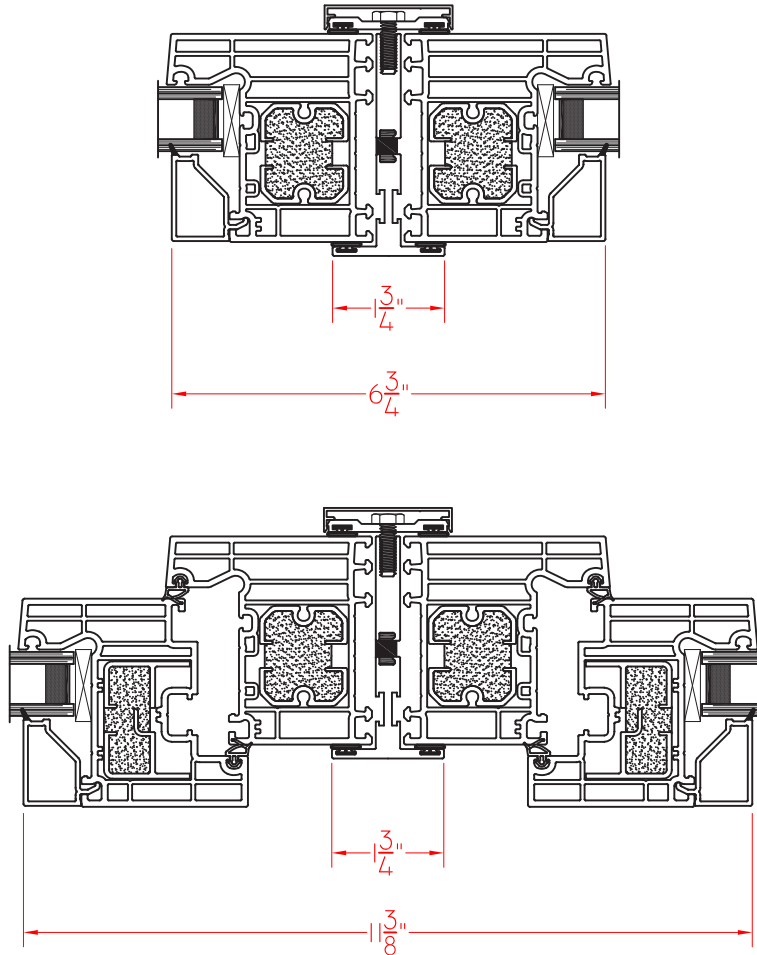




V500 Series 3 1/4" Frame Depth Tilt/Turn Window (Project-In)

V500 Series T-Mull

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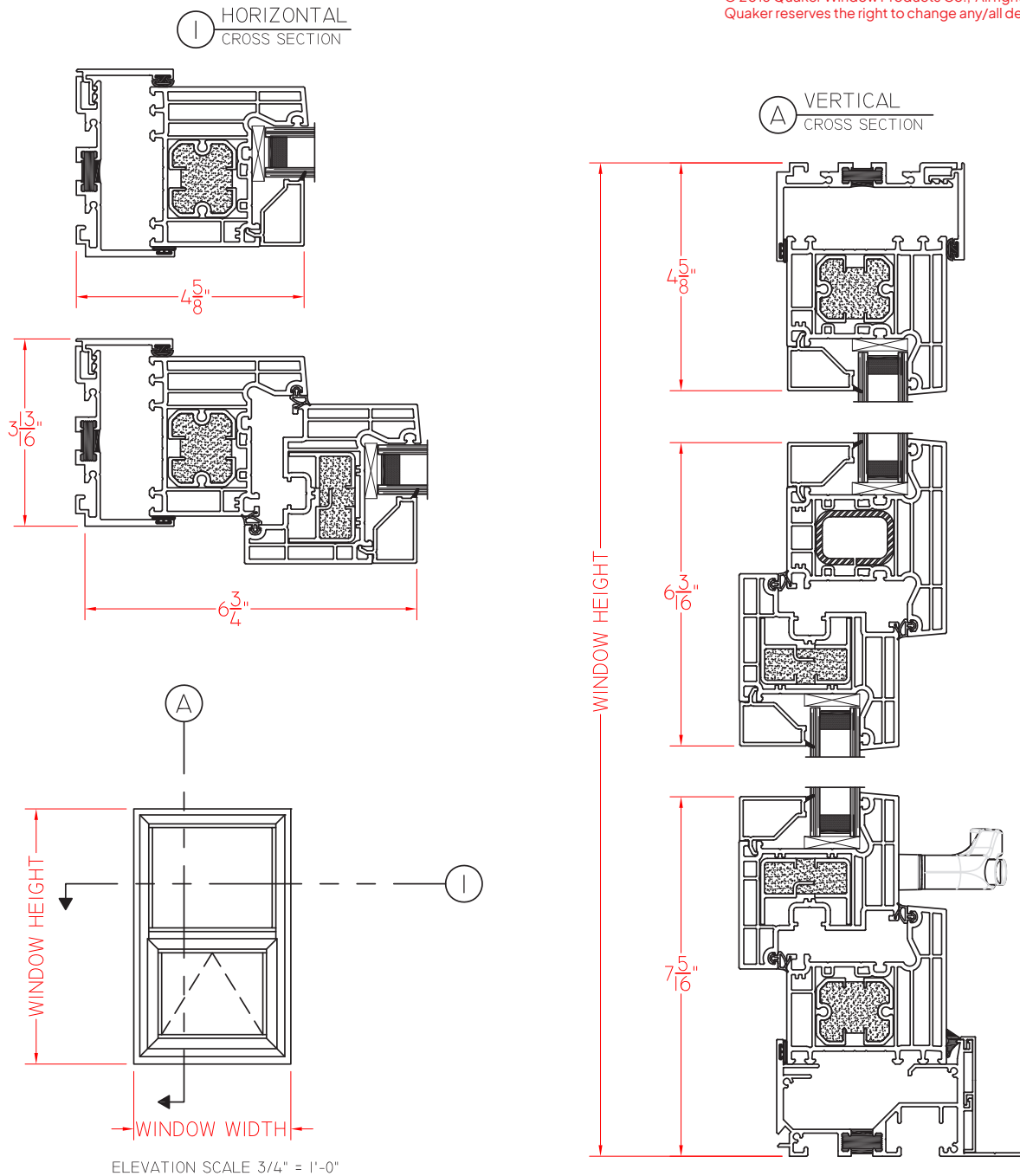


V500 Series 3 1/4" Frame Depth Tilt/Turn Window (Project-In)

V500 Series Receptor System

Receptor Shown with V600 Project-Out Model above a V500 Fixed Model. Please Contact Quaker if a different detail is required.

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SCALE: 4" = 1'-0"

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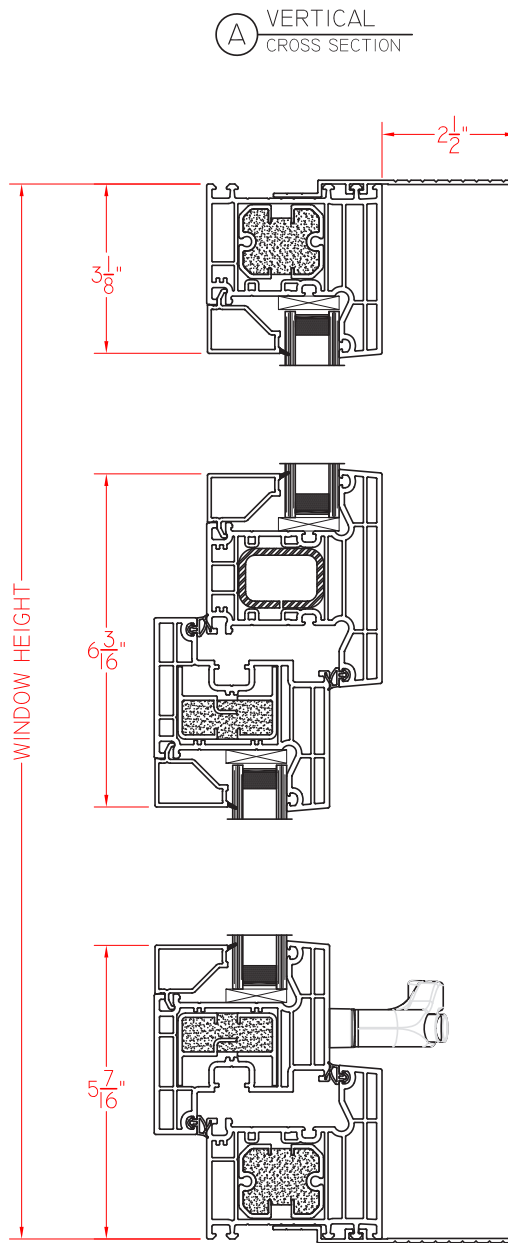
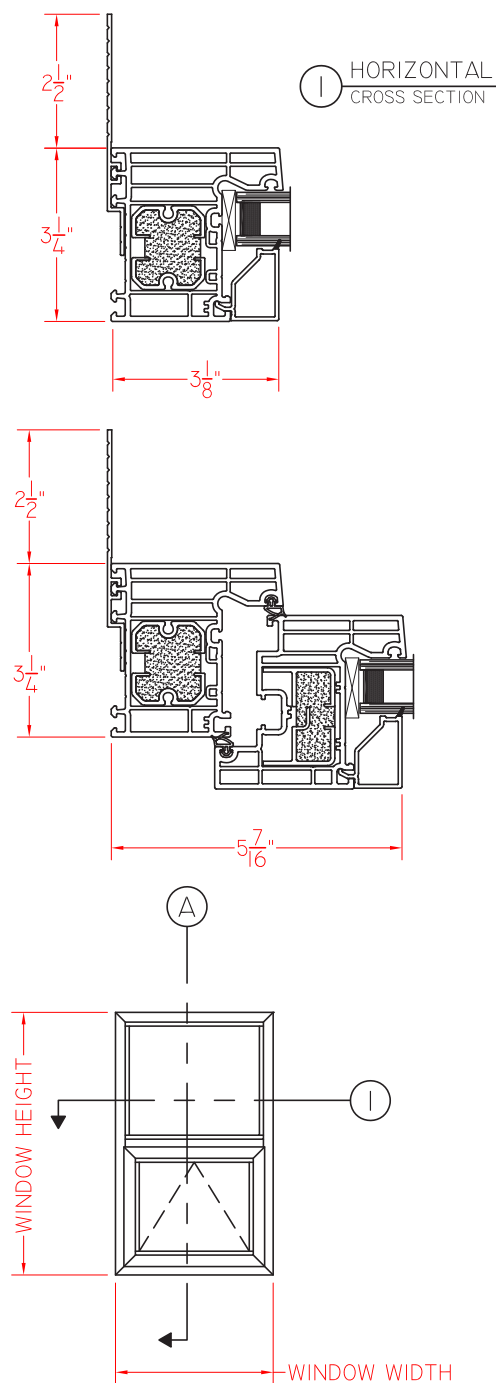


V500 Series 3 1/4" Frame Depth Tilt/Turn Window (Project-In)

V500 Series Strap Anchor

Strap Anchor Shown with V600 Project-Out Model above a V500 Fixed Model. Please Contact Quaker if a different detail is required.

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