

H450 Series 3 1/4" Frame Depth Awning (Project-Out)

H450 SERIES AWNING (PROJECT-OUT)

The Quaker Historical H450 Series Awning window is ideal for a variety of applications including - Historical, Landmarks, Institutions and Education.

FEATURES

- ◇ Commercial Framing System
 - 3 1/4" main frame
 - Historically-correct bevel frame exterior
 - Minimum of 0.080" wall thickness
 - Dual Euro Groove System
 - Available with or without integral nailing fin
- ◇ Thermally Enhanced Design
 - Thermally-broken main frame and vent rails
 - Azon pour and debridge thermal break technology
- ◇ Glazing
 - 1" insulating glass
- ◇ Hardware
 - Maxim LP Locking System, 4-Bar Hinge and Roto Hardware on crank out model
 - Maxim LP Locking System, 4-Bar Hinge and Push/Pull Cup Hardware on push-out model
- ◇ Screen
 - Easily removable FlexScreen on some operating models

BENEFITS

- ◇ Historically accurate profiles to help your project meet Historic Preservation codes
- ◇ 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	Awning (Project-Out)
Test Size:	60" x 36"
NAFS Rating	CW-70
Structural Load P.S.F.	105
Air at 50 MPH (cfm/ft ²)	<0.10
Water (No Penetration) P.S.F.	10
U-Value (ranges based on multiple Low-E/Argon combinations)	0.40-0.60
SHGC (ranges based on multiple Low-E/Argon combinations)	0.14-0.59

OPTIONS

- ◇ Available Configurations
 - Project-out Awning
 - Push-out or Crank-out
 - Floating Operator
 - Continuous frame capabilities
 - Fixed
- ◇ Muntin Choices
 - Internal or simulated divided lites available
- ◇ Hardware
 - Limit Travel Accessories
- ◇ Screen
 - Wicket Screen (push-out model only)
- ◇ Glazing
 - Multiple Low-E and argon glazing choices
 - Glazing pocket can accept 1 3/8" insulating glass for sound attenuation purposes
 - Capillary tubes
 - 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

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



ARCHITECTURAL PAINT COATINGS AND FINISHES

◇ Baked on powder coat finish meets AAMA 2604 (an FGIA specification) and is available in unlimited colors

- Quaker Impressive Palette of Colors



- 7 Resemble Colors (painted finish resembling anodized)



- Unlimited Custom Colors

◇ AAMA 2605 (an FGIA specification) powder coat finishes (not available for all colors shown)

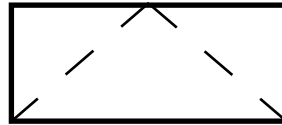
◇ SolarLE Paint Finish (available with Textured Black and Dark Espresso colors only)

◇ AAMA 611-98 Class I (an FGIA specification) clear and tinted anodized finishes

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

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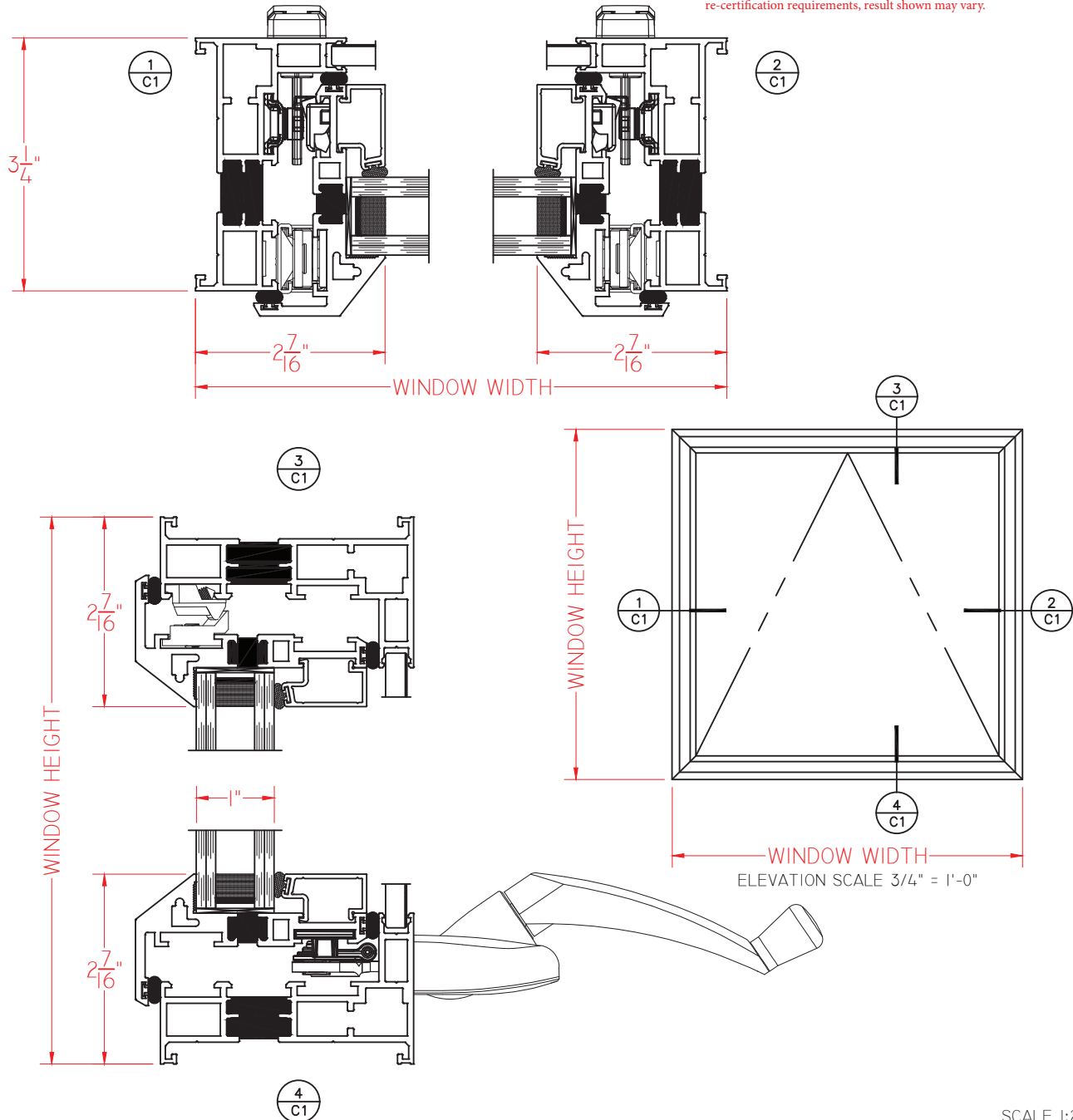
H450 Series
3 1/4" Frame Depth
Awning (Project-Out)

H450 AWNING WITHOUT NAILING FIN (CRANK OUT)

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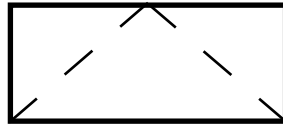
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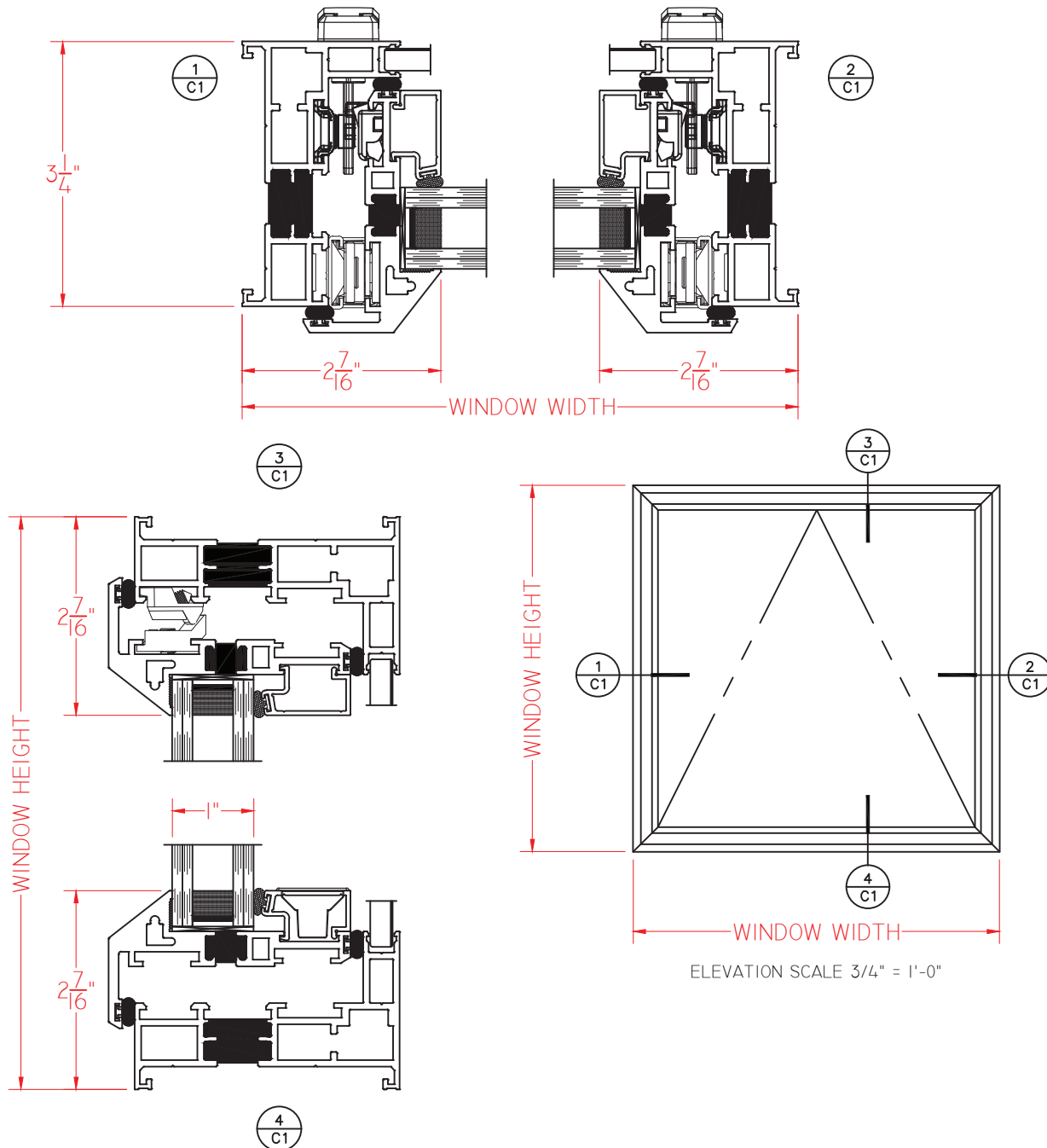
H450 Series 3 1/4" Frame Depth Awning (Project-Out)

H450 AWNING WITHOUT NAILING FIN (PUSH OUT)

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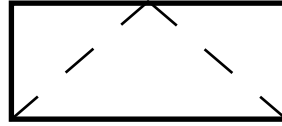
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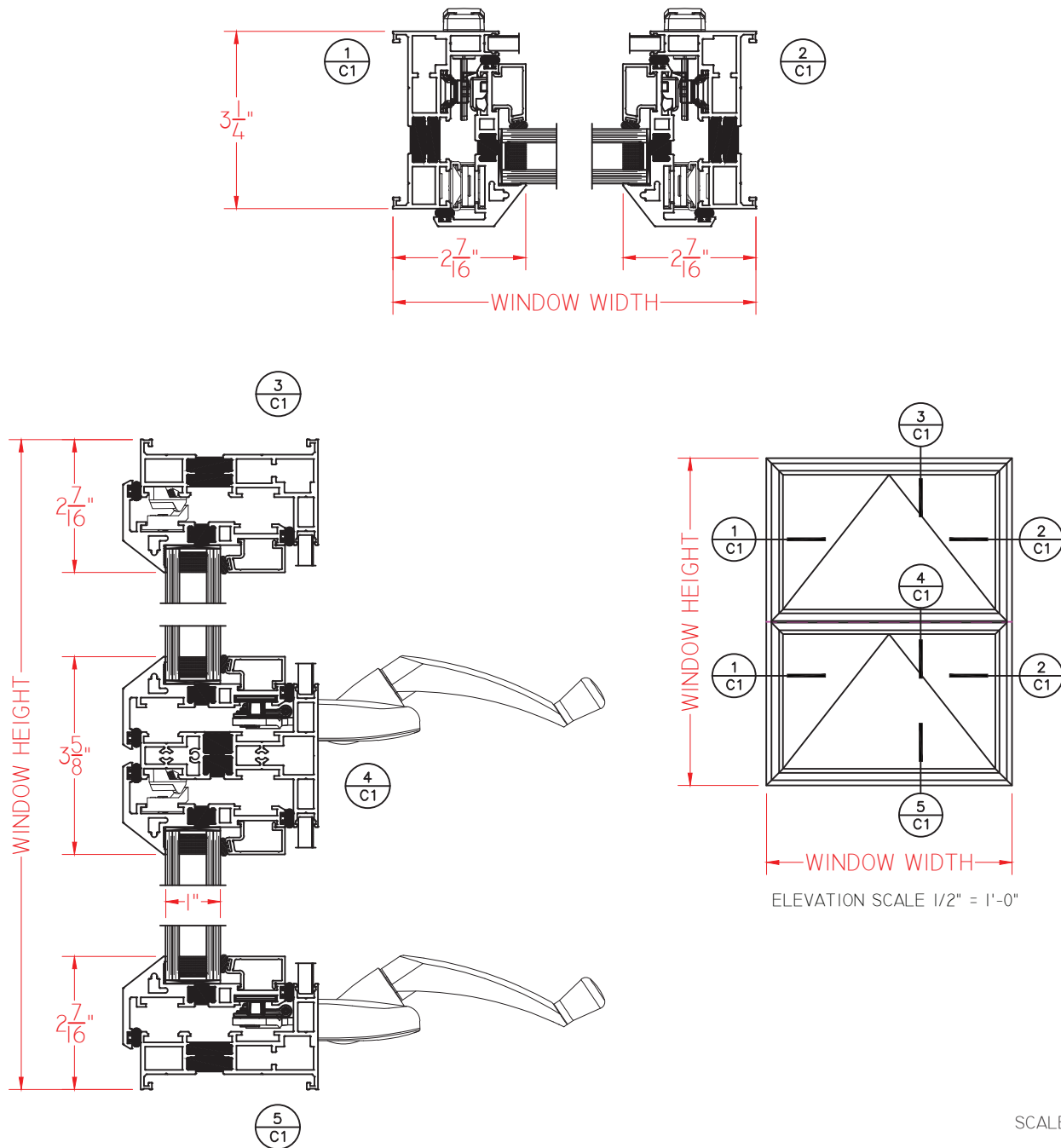




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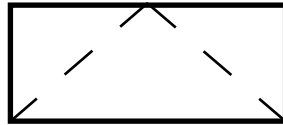
H450 AWNING/AWNING (CRANK OUT)

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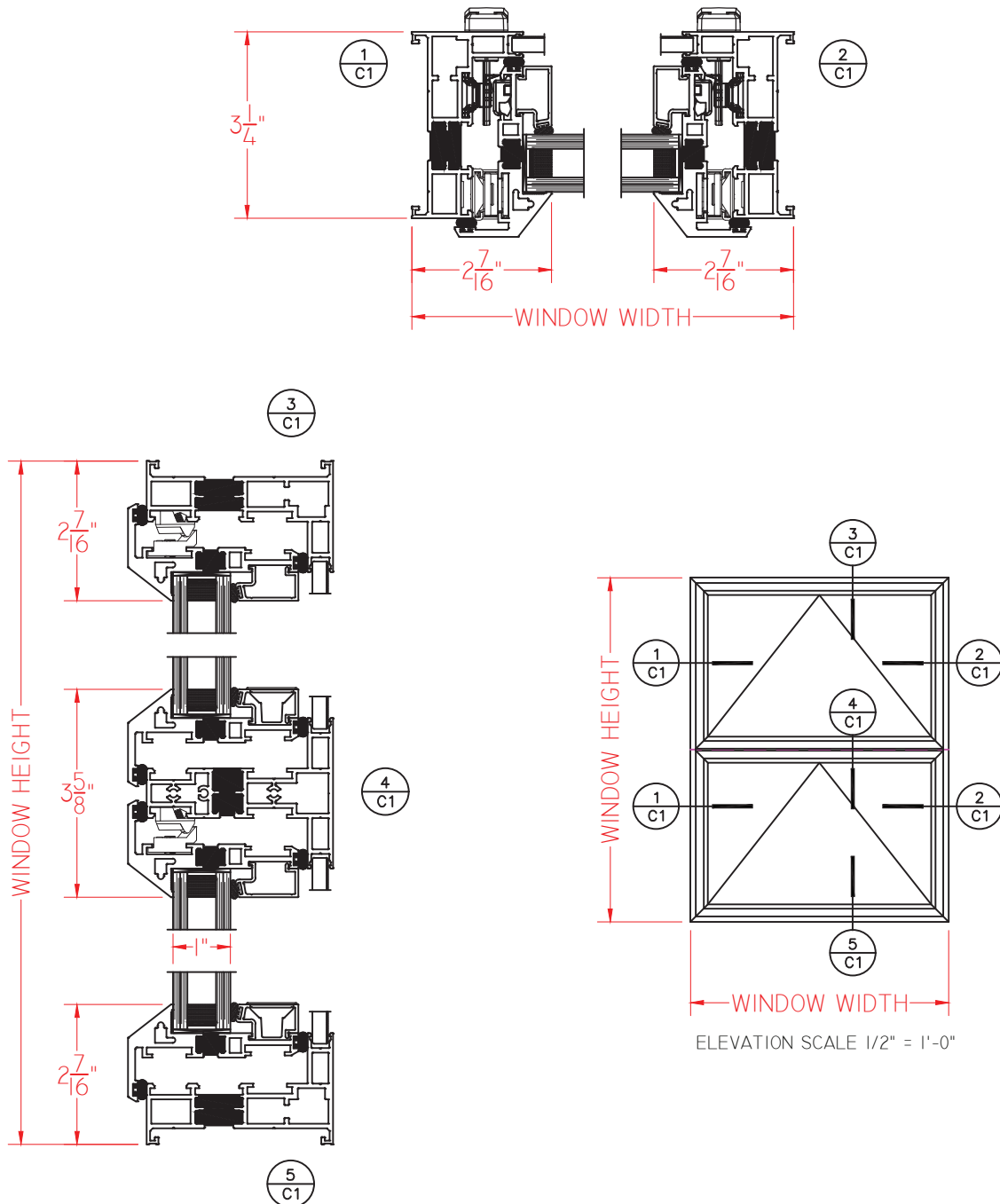
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H450 AWNING/AWNING (PUSH OUT)

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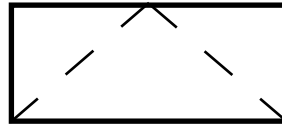
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SCALE 1:3

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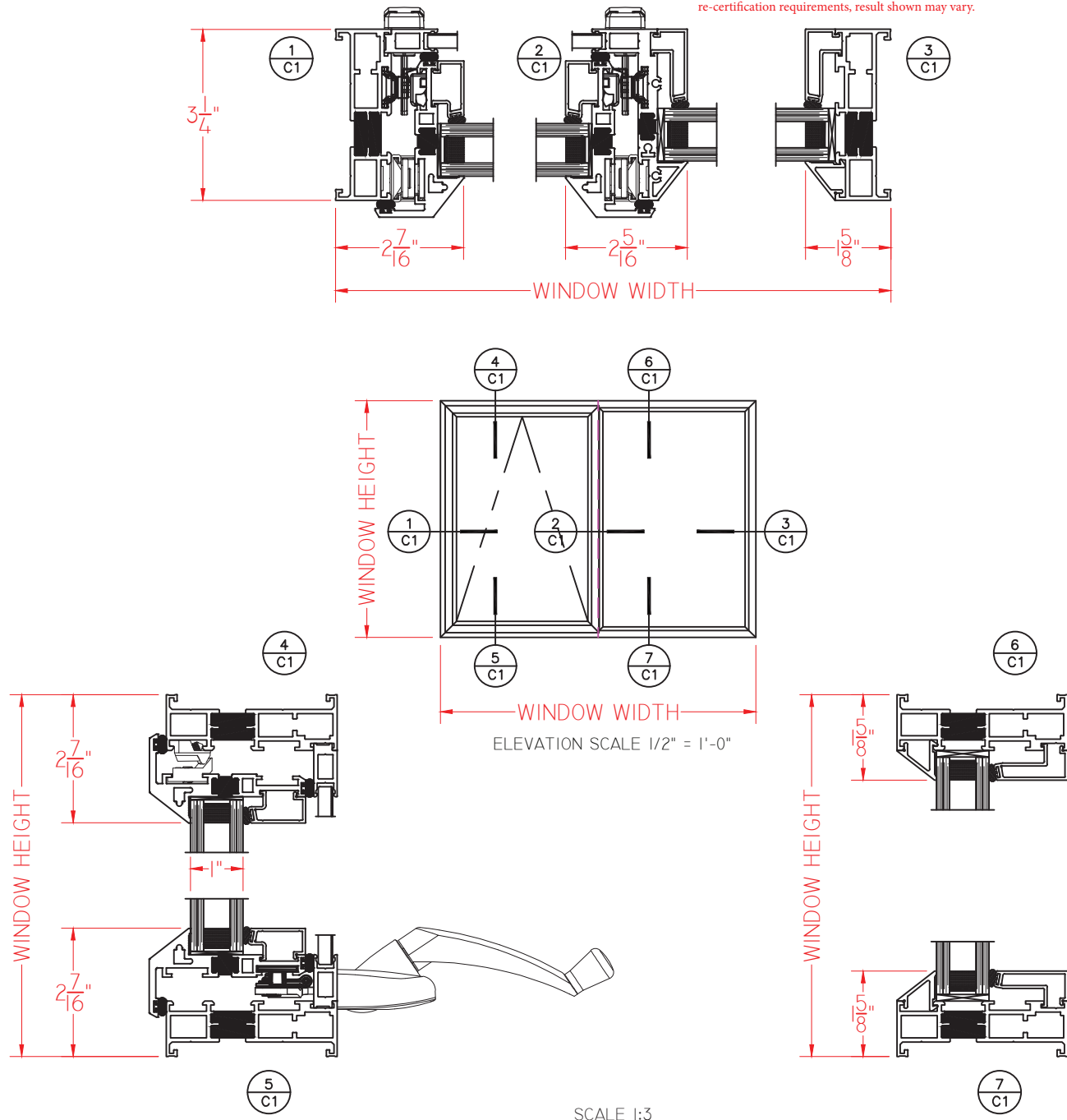


H450 AWNING (CRANK OUT)/PICTURE WINDOW

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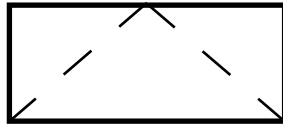
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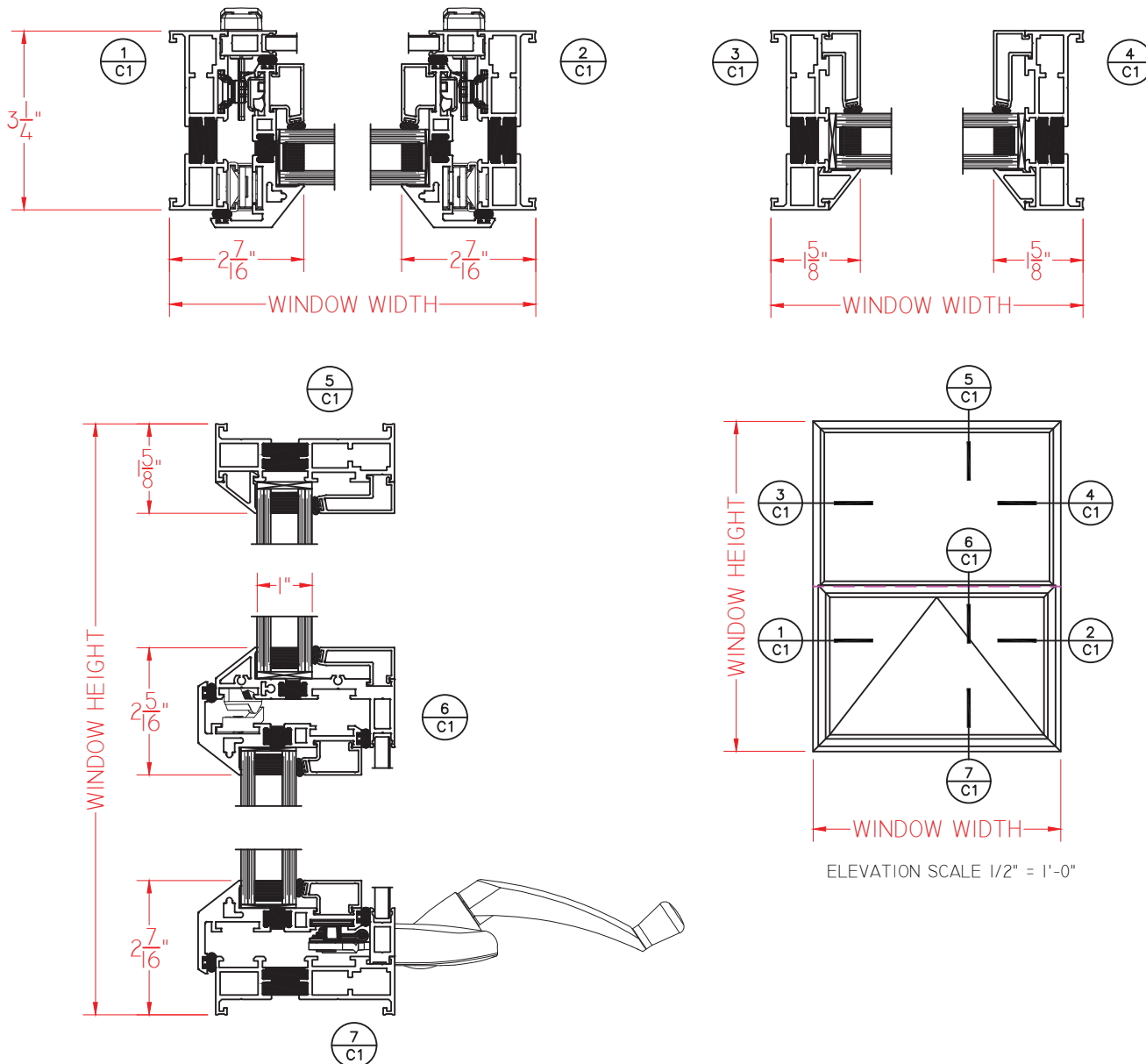
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H450 AWNING (CRANK OUT)/PICTURE WINDOW

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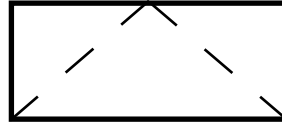
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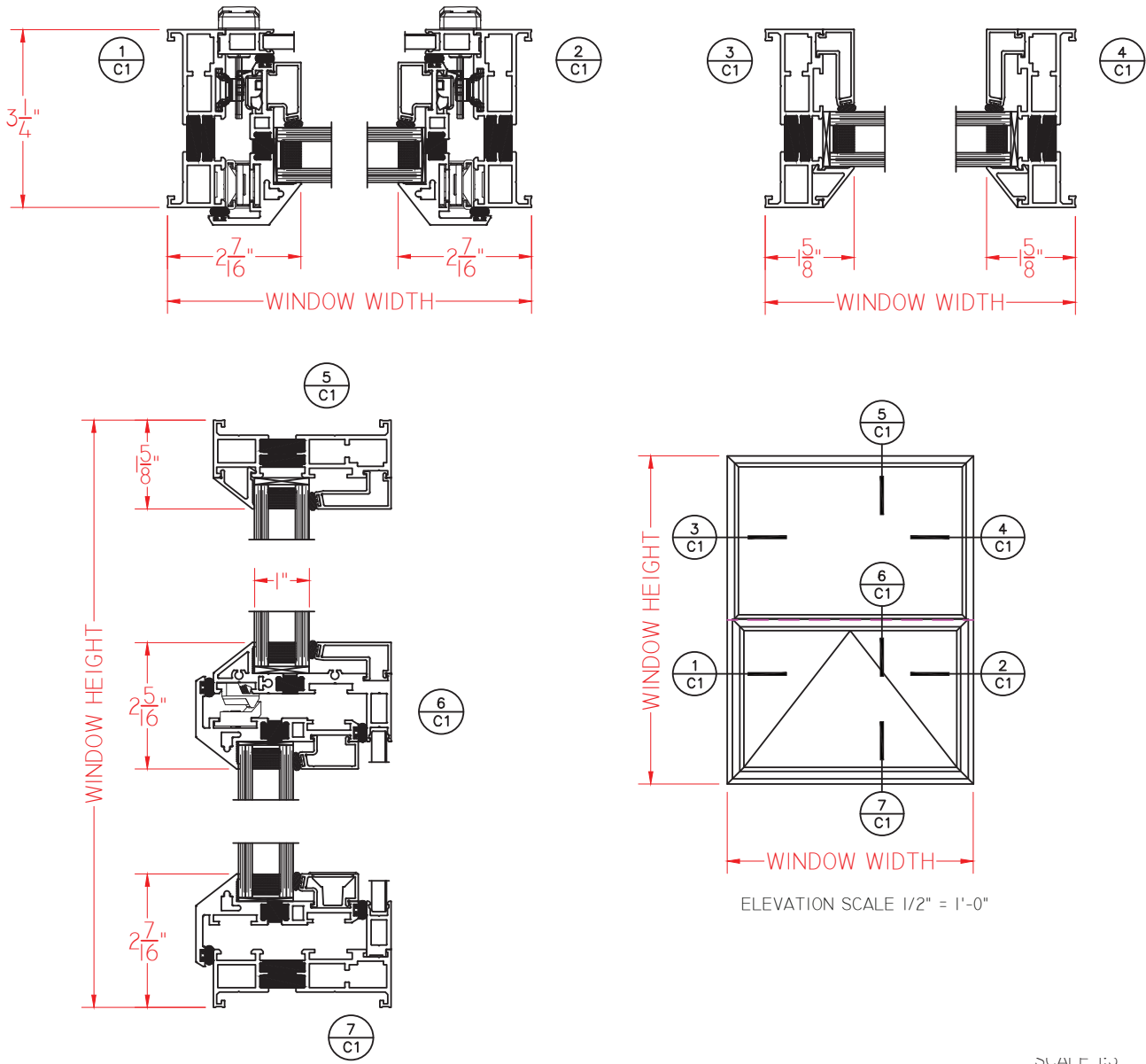


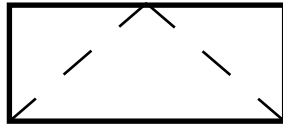
H450 PICTURE WINDOW/AWNING (PUSHOUT)

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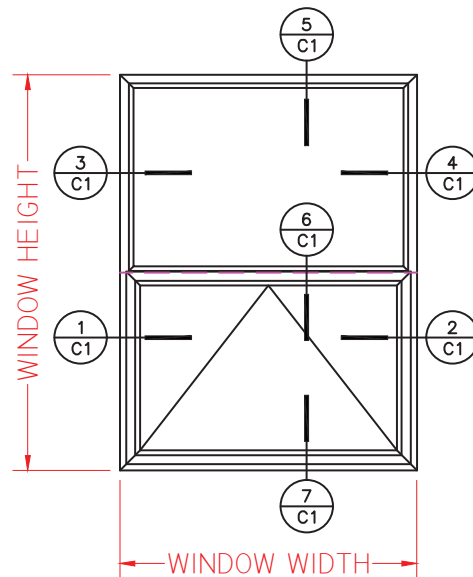
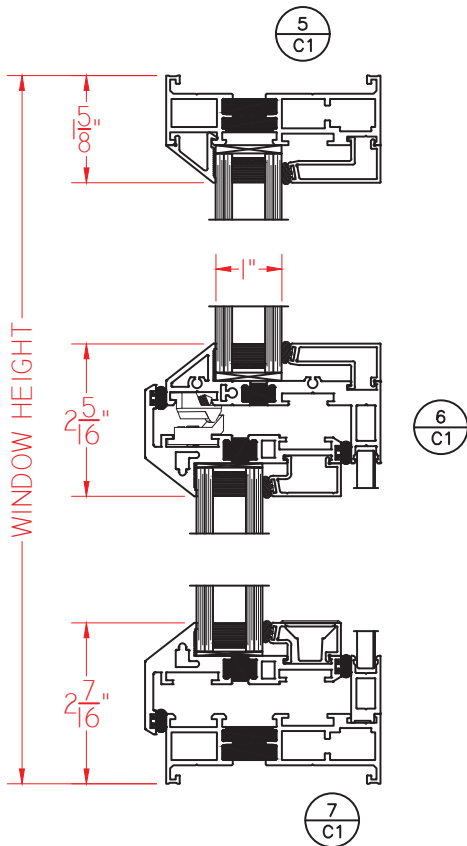
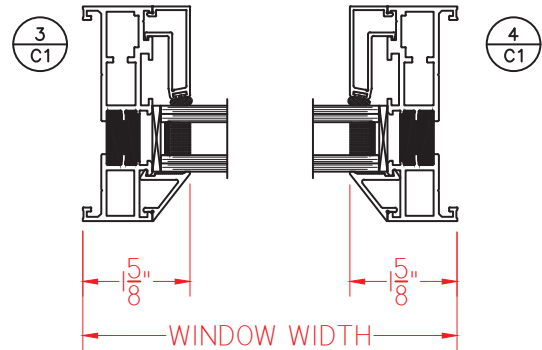
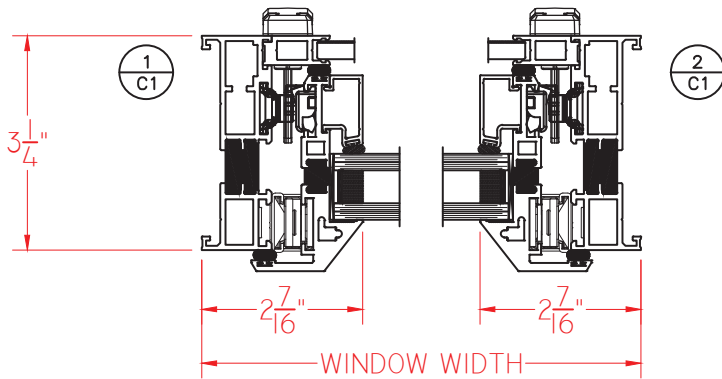
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H450 PICTURE WINDOW/AWNING (PUSHOUT)

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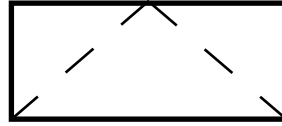


ELEVATION SCALE 1/2" = 1'-0"

SCALE 1:3

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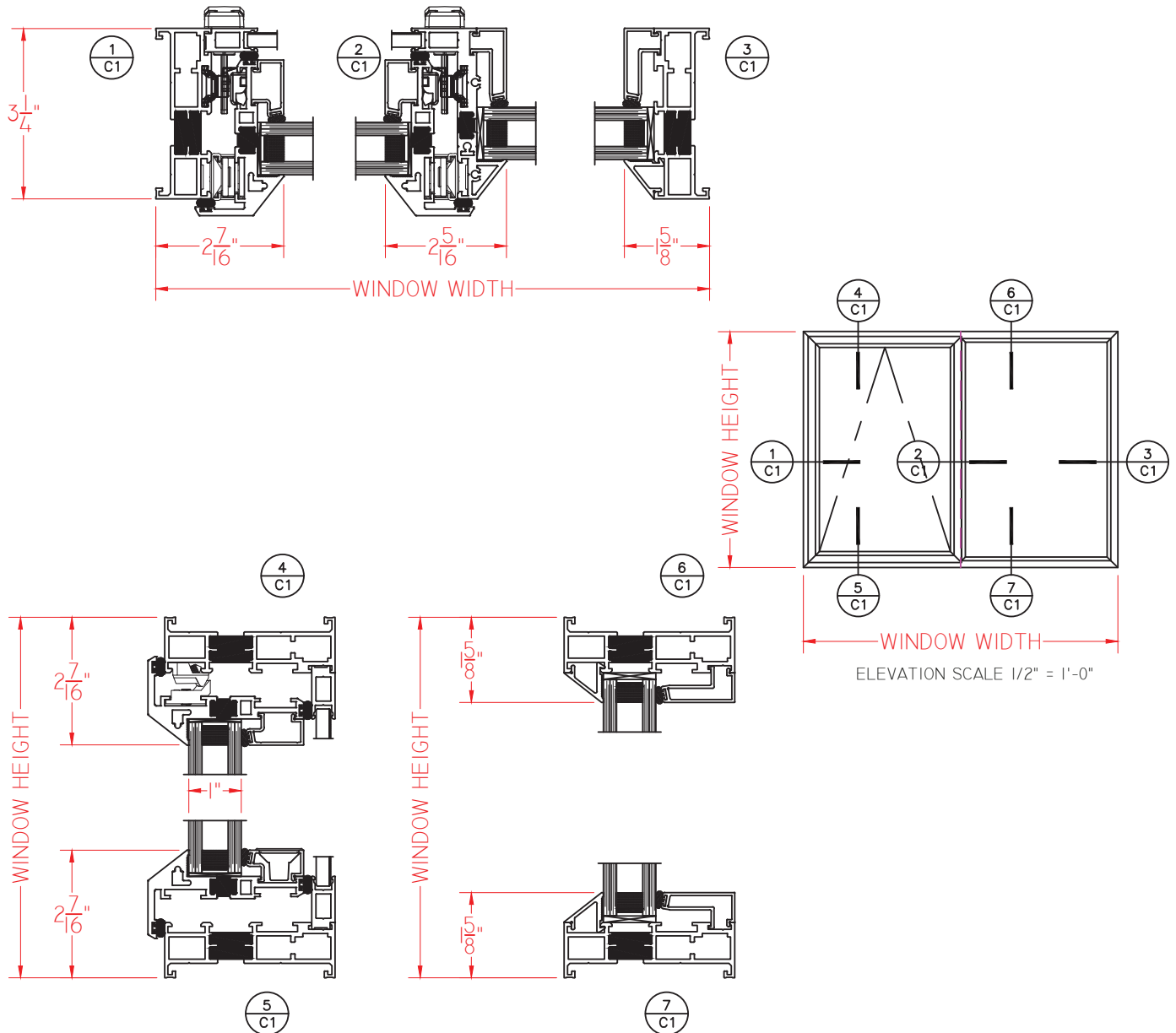
H450 Series 3 1/4" Frame Depth Awning (Project-Out)

H450 PICTURE WINDOW/AWNING (PUSH OUT) WITH OPTIONAL NAIL FIN

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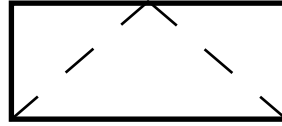
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SHEET C1
SCALE 1:3

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H450 FLOATING OPERATOR (PICTURE WINDOW/AWNING)

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