

## TIMBERLINE SERIES CASEMENT (PROJECT-OUT)

### FEATURES

- ◇ **Framing System**
  - Patented OptiCore Technology
  - Architectural grade aluminum exterior
  - Dual Euro-Groove frame system
  - 5 7/8" Overall Frame Depth (4 9/16" from fin to interior)
- ◇ **Enhanced Design**
  - Azo-Core Thermal Barrier System for reduced thermal-conductivity and increased energy-efficiency
  - Pine wood interior
  - Modern, squared frame glazing
  - 2 7/8" narrow sitelines
  - With or without Integral Nailing Fin
- ◇ **Glazing**
  - 1" insulating glass
  - Dual-sealed Warm Edge Super Spacer system
- ◇ **Hardware**
  - Heavy-commercial Amesbury/Truth lock and crank-out system
- ◇ **Screen**
  - Easily removable FlexScreen system carries a lifetime warranty

### BENEFITS

- ◇ Capacity to match exterior colors for unique project facades
- ◇ Two-tone capabilities with a color to match the building interior and another to match the exterior
- ◇ Maximum sizing affords the facilitation of large sizes for taller and wider window openings
- ◇ Dynamic thermal performance for a wood clad window

### PERFORMANCE

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

Model	
NAFS Rating	AW-PG70-C
Test Size	48" x 84" (Maximum)
Design Pressure (P.S.F.)	105.26
Air Infiltration at 25 MPH (cfm/ft <sup>2</sup> )	<0.10
Water Resistance (P.S.F.)	12.11
CR (Condensation Resistance)	51-77
U-Value (ranges based on multiple Low-E/Argon combinations)	0.17-0.29
SHGC (ranges based on multiple Low-E/Argon combinations)	0.11-0.44
OITC/STC	28-35 / 28-44

### OPTIONS

- ◇ **Available Configurations**
  - Project-out Casement (Left or Right)
  - Wire frame capabilities
- ◇ **Enhanced Design**
  - Traditional/Historic beveled frame glazing
- ◇ **Muntin Choices**
  - Internal or simulated divided lites available
- ◇ **Hardware and Screen**
  - ADA Hardware
  - Limited travel hardware
  - Retractable screen systems
- ◇ **Glazing**
  - Multiple Low-E and argon glazing choices
  - Impact-rated glazing package
  - Glazing pocket can accept up to 1 3/8" insulating glass for sound attenuation purposes
  - Triple glazing
  - Capillary tubes
  - Wide variety of tinting and pane thickness options
- ◇ **Panning & Trim Choices**
  - Wide variety of panning, receptor and trim available
- ◇ **Mulling**
  - Wide variety of structural mulls

Operating Force (per ASTM E2068): 13 N 3 lbf (Initiate motion and Maintain Motion)

CR, U-Value and SHGC values shown are a range based on Quaker's most popular glass package options in all-window testing (not center-of-glass testing). Test results were achieved with no grids. The addition of optional grids may cause the results to vary slightly. Other available glass options may result in scores outside of the range shown.

OITC/STC ranges are based on the use of multiple glass pane thicknesses.

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## 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 clear and tinted anodized finishes

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

## INTERIOR FINISHES

◇ Standard interior is Natural Pine wood

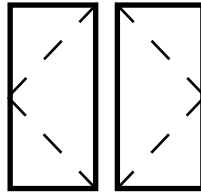
◇ Interior painted finish is available in Pre-Finished white or Pre-Finished black. Custom painted colors available

◇ Pre-primed interior is an option



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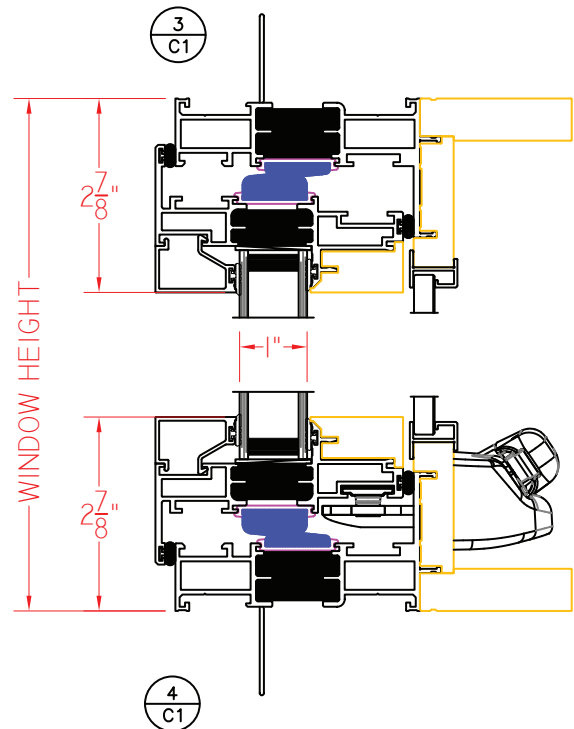
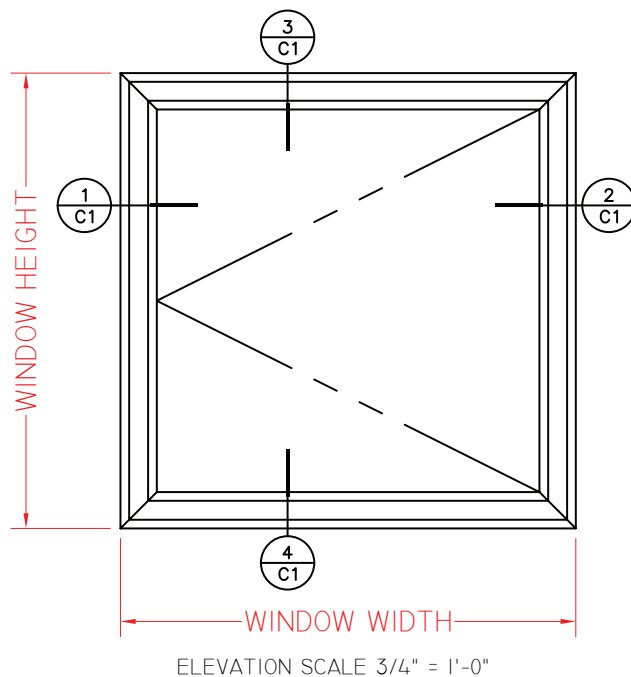
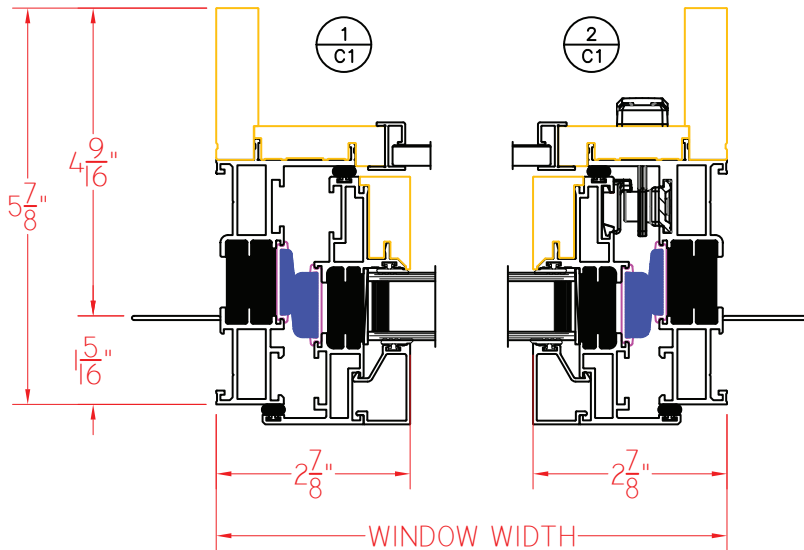


**TimberLine Series**  
**5 7/8" Overall Frame Depth**  
**Casement (Project-Out)**

**TIMBERLINE SERIES CASEMENT (PROJECT-OUT) CRANK OUT**

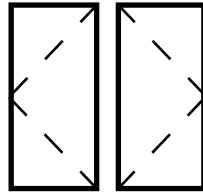
Shown With Nailing Fins  
and Squared-Off Exterior

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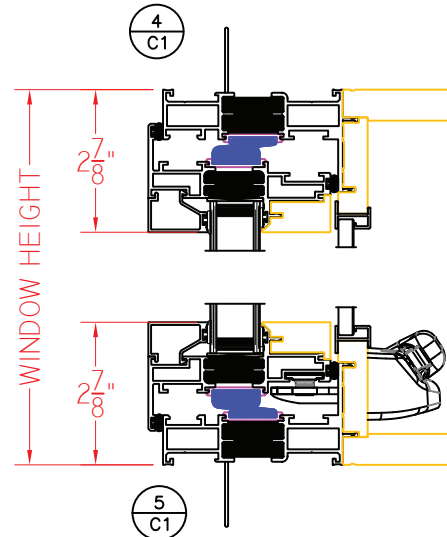
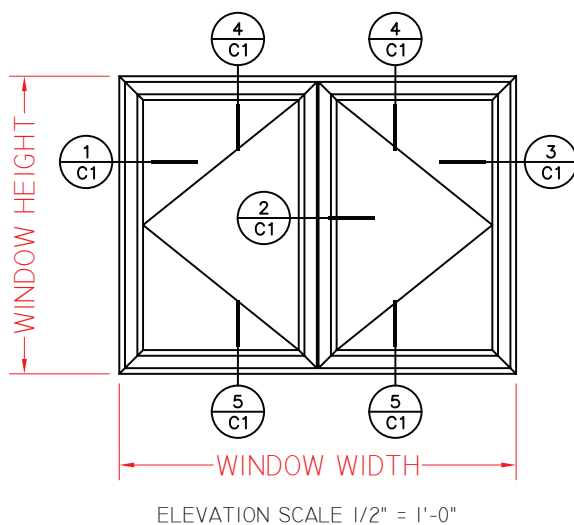
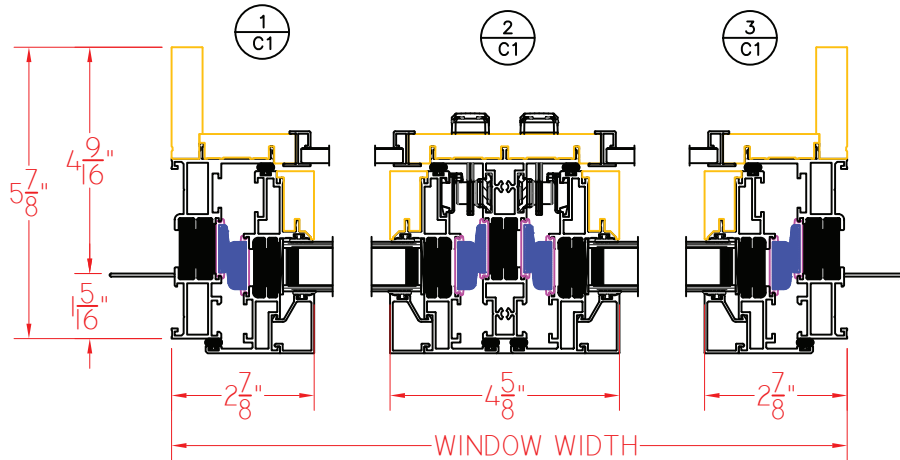


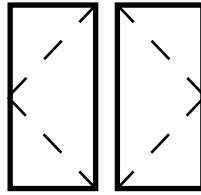
**TimberLine Series**  
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**TIMBERLINE SERIES CASEMENT-CASEMENT (PROJECT-OUT) CRANK OUT**

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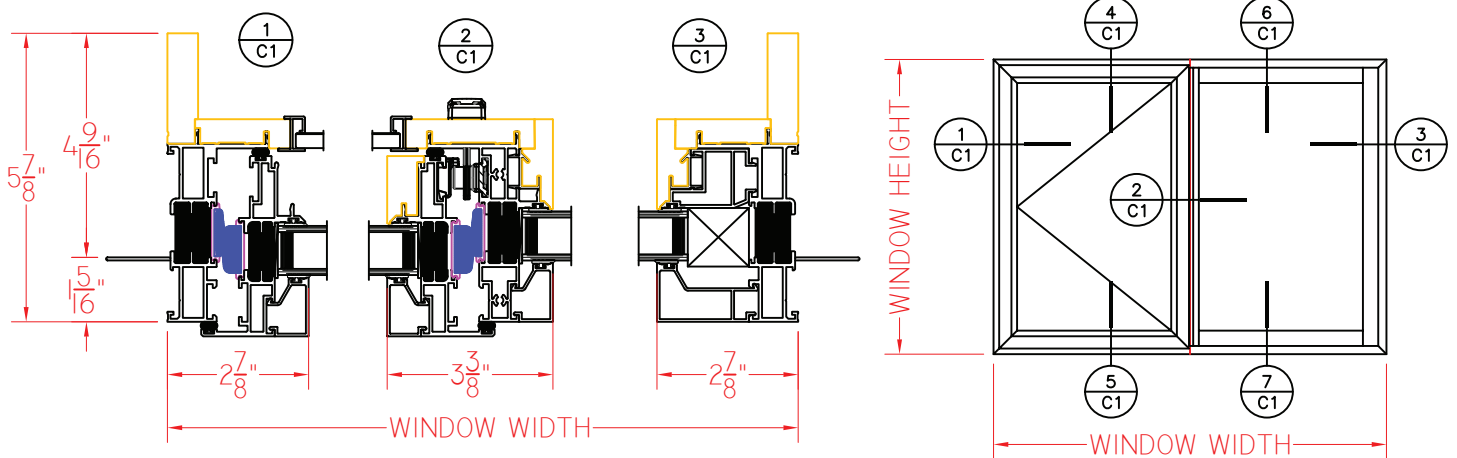


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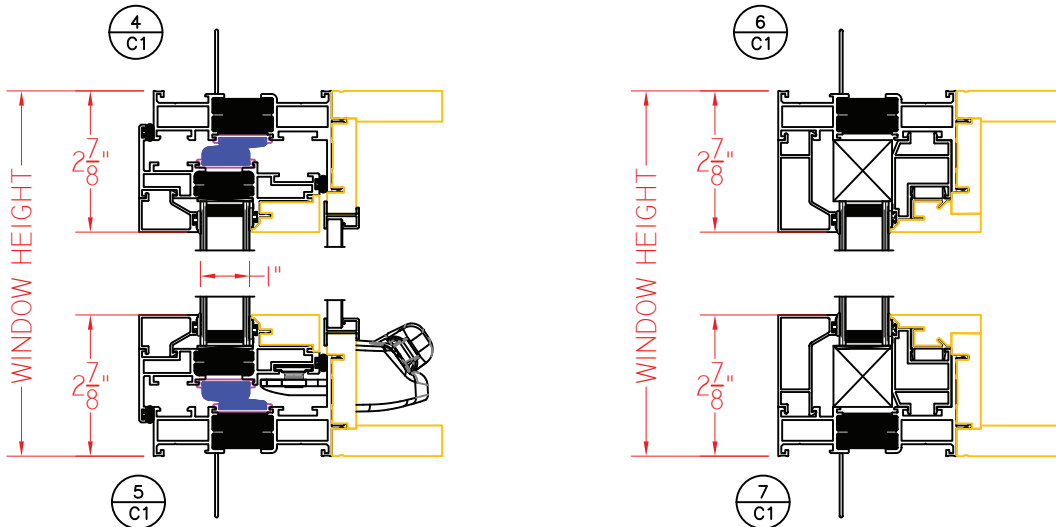
**TIMBERLINE SERIES CASEMENT-FIXED (PROJECT-OUT) CRANK OUT**

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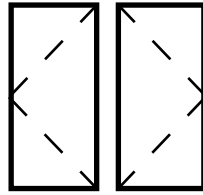


ELEVATION SCALE 1/2" = 1'-0"



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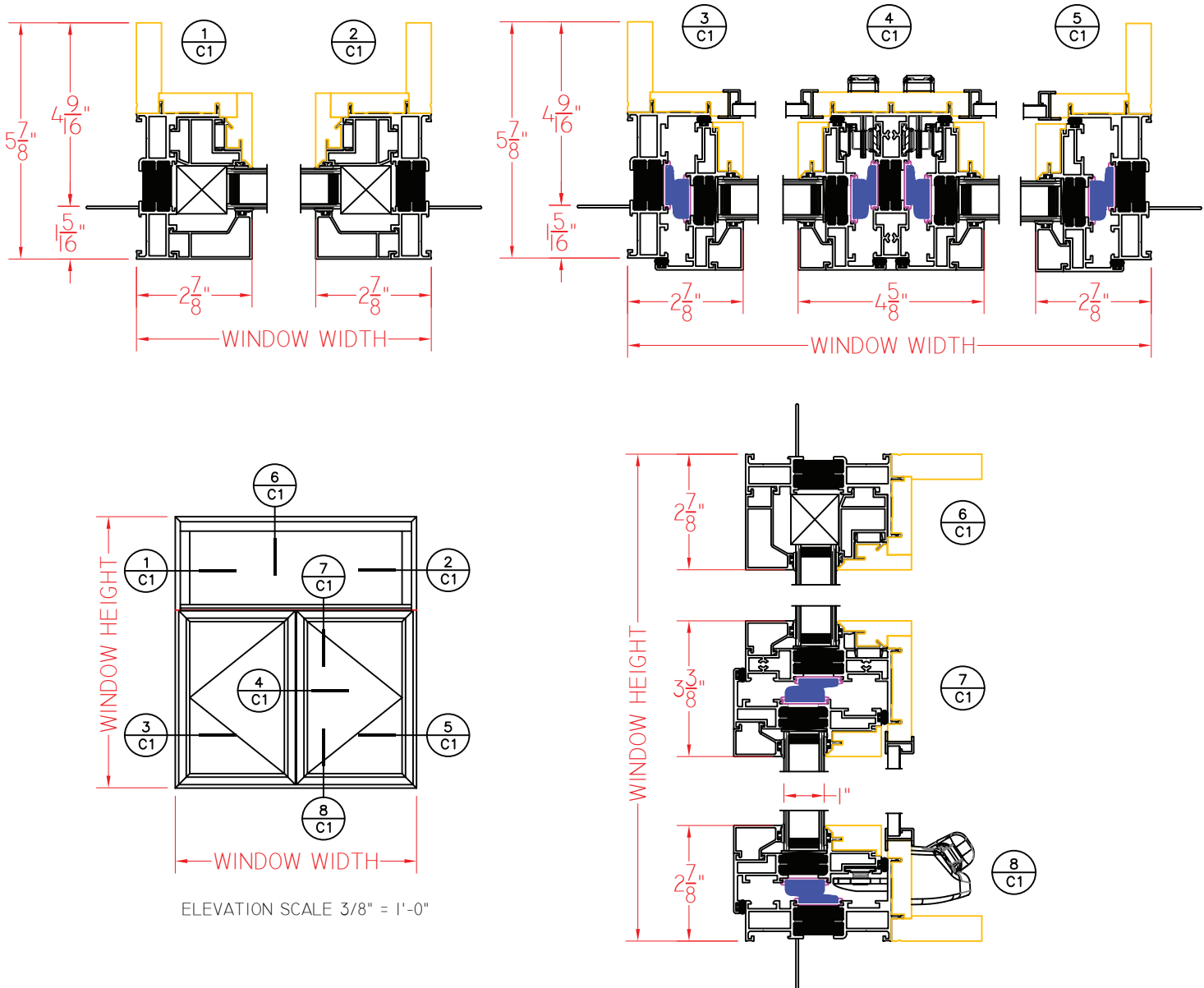


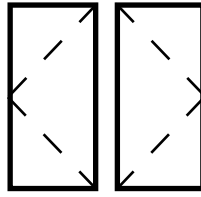
**TimberLine Series**  
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**Casement (Project-Out)**

**TIMBERLINE SERIES FIXED-CASEMENT-CASEMENT**

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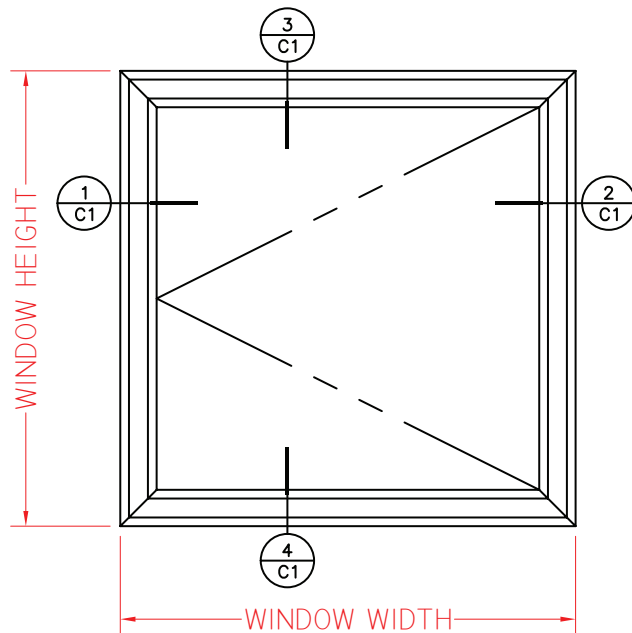
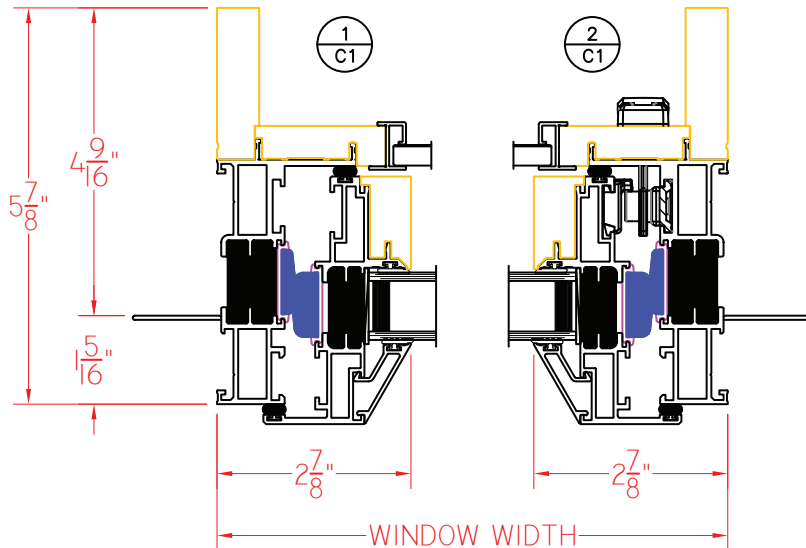


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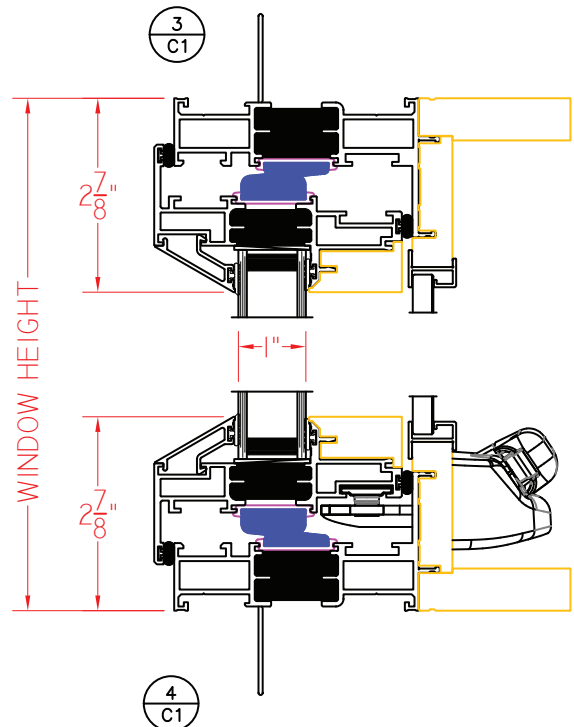
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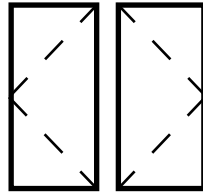


ELEVATION SCALE 3/4" = 1'-0"



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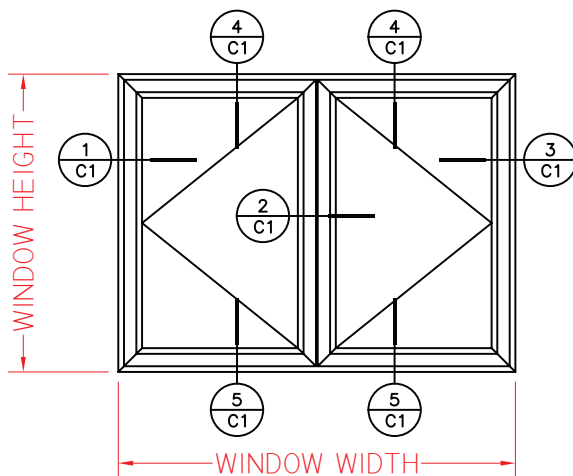
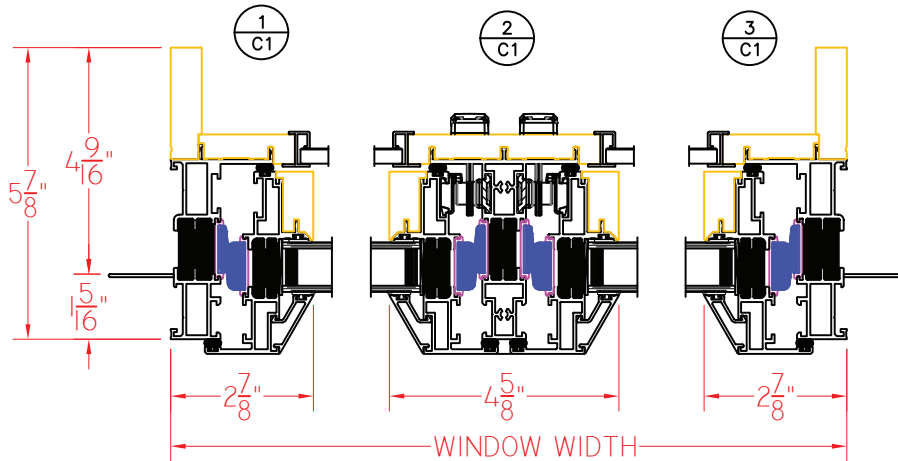


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**5 7/8" Overall Frame Depth**  
**Casement (Project-Out)**

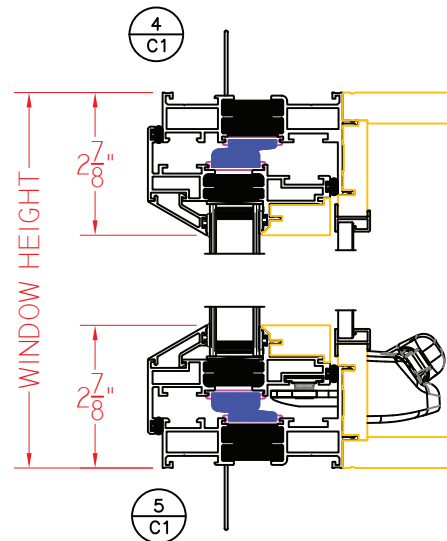
**TIMBERLINE SERIES CASEMENT-CASEMENT (PROJECT-OUT) CRANK OUT**

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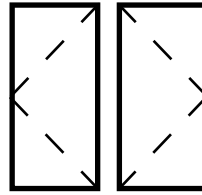


ELEVATION SCALE 1/2" = 1'-0"



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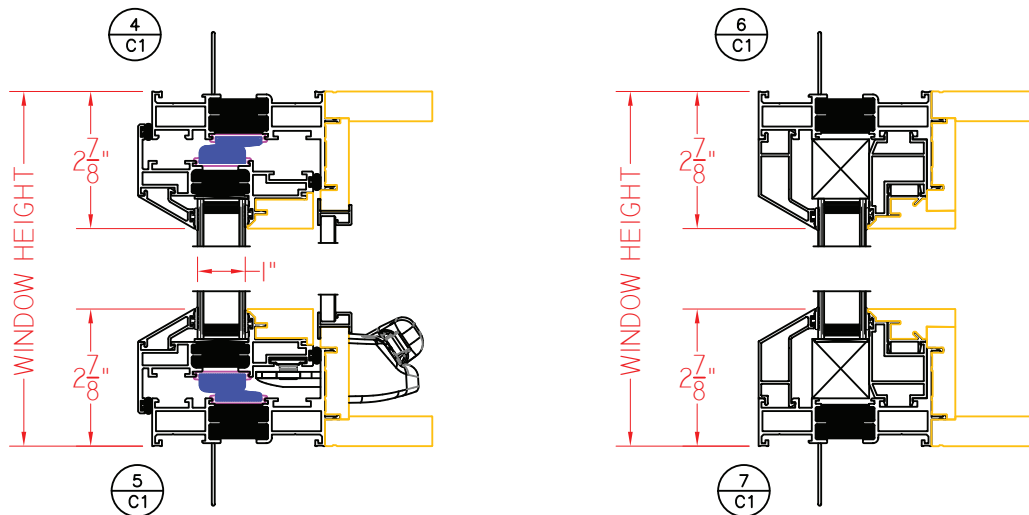
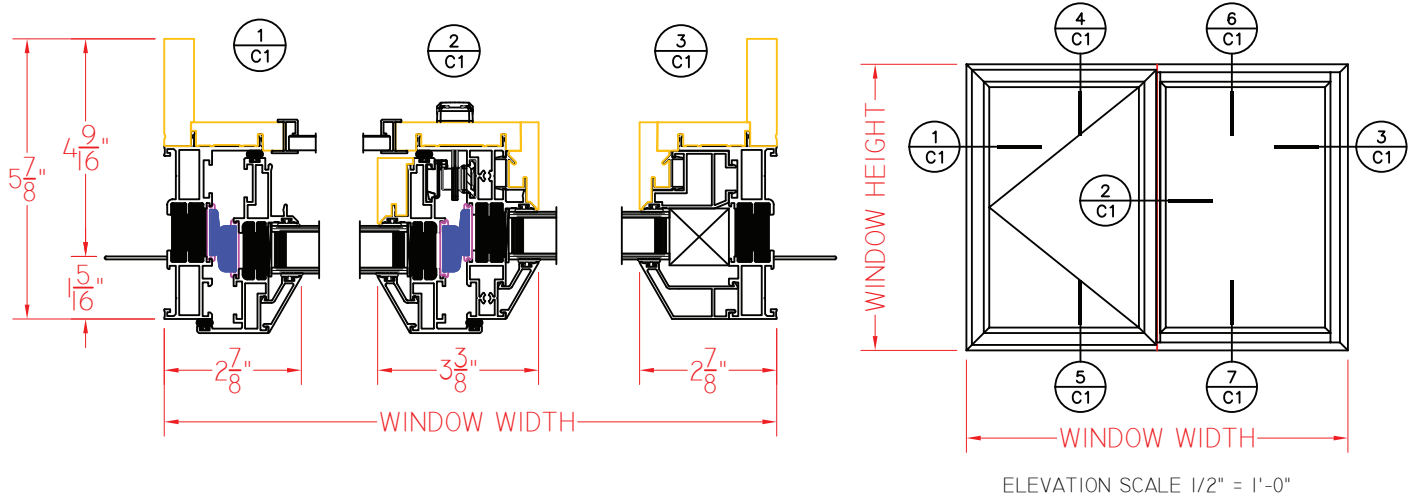


## TimberLine Series 5 7/8" Overall Frame Depth Casement (Project-Out)

### TIMBERLINE SERIES CASEMENT-FIXED (PROJECT-OUT) CRANK OUT

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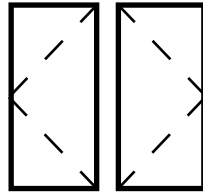
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SCALE 1:3

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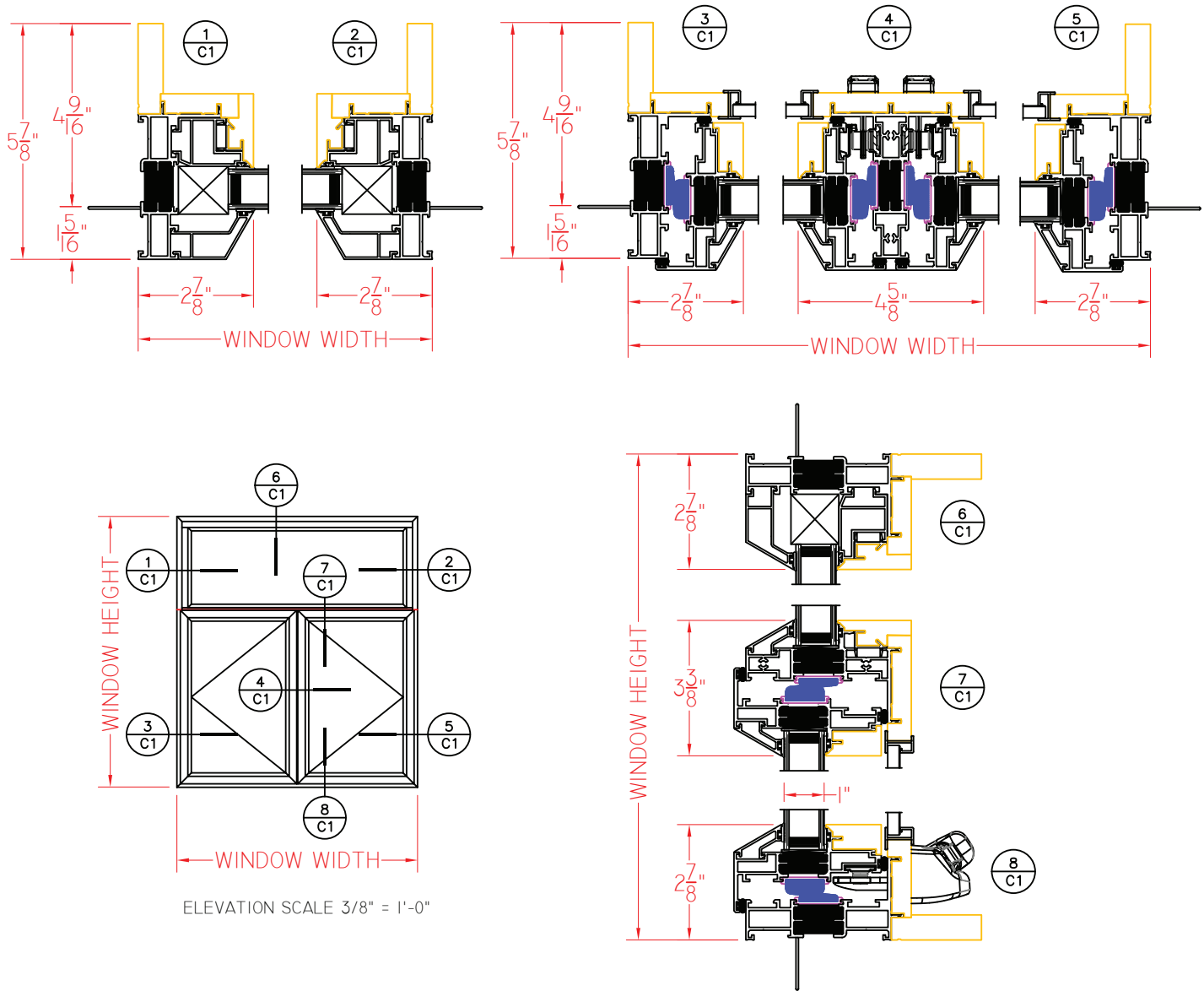


**TimberLine Series**  
**5 7/8" Overall Frame Depth**  
**Casement (Project-Out)**

# TIMBERLINE SERIES FIXED-CASEMENT-CASEMENT

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