



C600/C605 Series Project-Out

Features

- ◇ **Material**
 - Extruded Aluminum
- ◇ **Framing System**
 - Patented OptiCore Technology
 - Architectural grade aluminum frame
 - Dual Euro-Groove frame system
- ◇ **Enhanced Design**
 - Azo-Core Thermal Barrier System for reduced thermal-conductivity and increased energy-efficiency
 - 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**
 - Commercial-grade Amesbury/Truth lock and crank-out system
- ◇ **Screen**
 - Easily removable FlexScreen system carries a lifetime warranty

Performance

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

Model	C600/C605 Project-Out
NAFS Rating	AW-100
Test Size	60" x 36"
Design Pressure (P.S.F.)	100
Air Infiltration (cfm/ft ²)	<0.10
Water Resistance (P.S.F.)	15
CR (Condensation Resistance)	50-79
U-Value (ranges based on multiple Low-E/Argon combinations)	0.20-0.32
SHGC (ranges based on multiple Low-E/Argon combinations)	0.11-0.44
OITC/STC (ranges are based on the use of multiple glass pane thicknesses)	28-35 / 28-41

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

Options

- ◇ **Available Configurations**
 - Project-out
 - Continuous frame capabilities
- ◇ **Enhanced Design**
 - Traditional/Historic beveled frame glazing (C605 Series)
- ◇ **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
 - WACI Blind System
 - 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

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
- ◇ Thermal performances never thought achievable in aluminum windows

Operating Force (per ASTM E2068):
 AW-PG100-C: Initiate motion (open) - 22 N (5 lbf)
 Maintain motion (open) - 18 N (4 lbf)
 Open - 18 N (4 lbf)
 Initiate motion (close) - 18 N (4 lbf)
 Maintain motion (close) - 27 N (6 lbf)
 AW-PG70-C: Initiate motion - 18 N (3 lbf)
 Maintain motion - 36 N (8 lbf)

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.

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

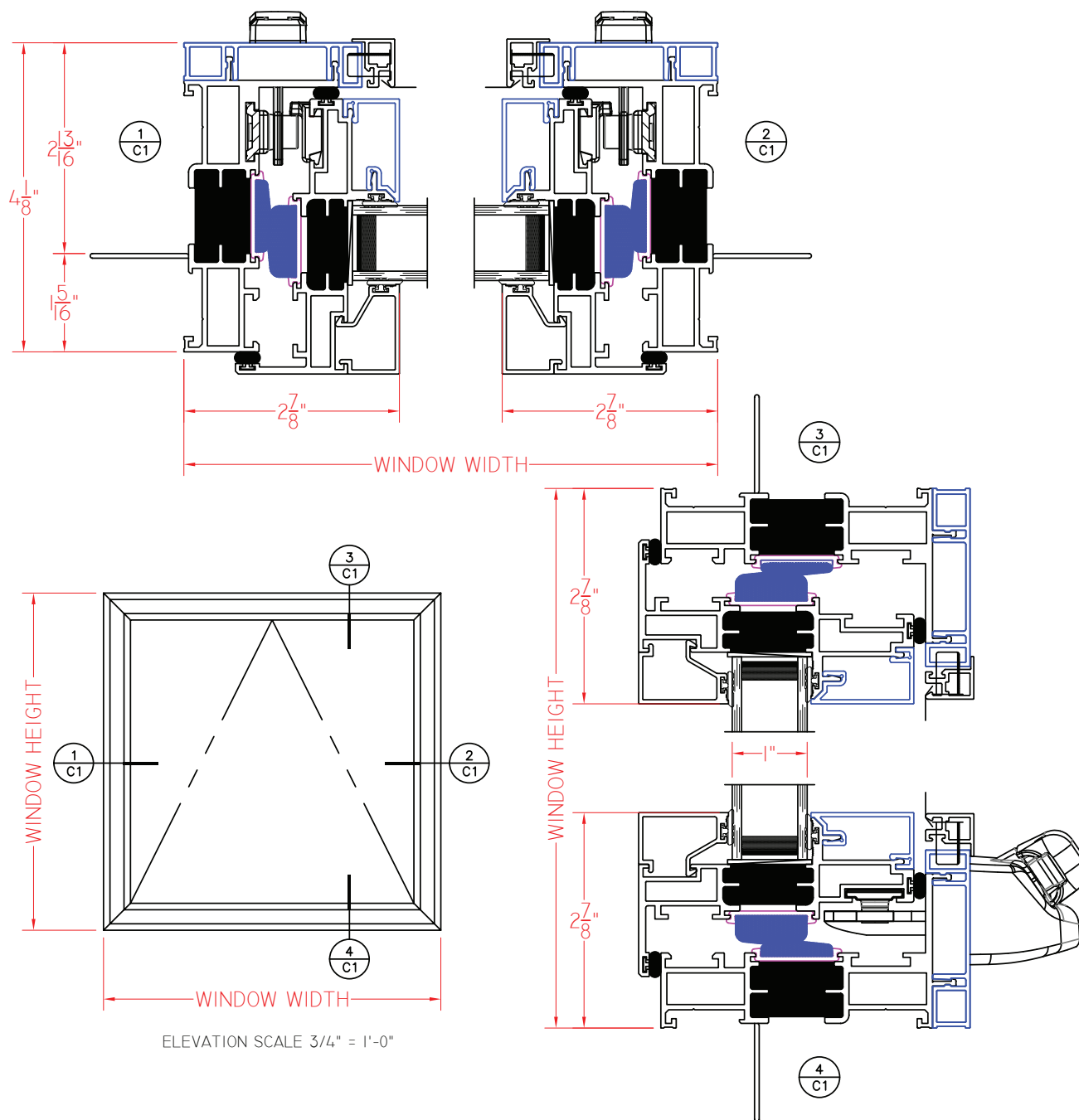




C600 Series Project-Out

With Nailing Fin, Square Glazing
Stops and Roto Hardware

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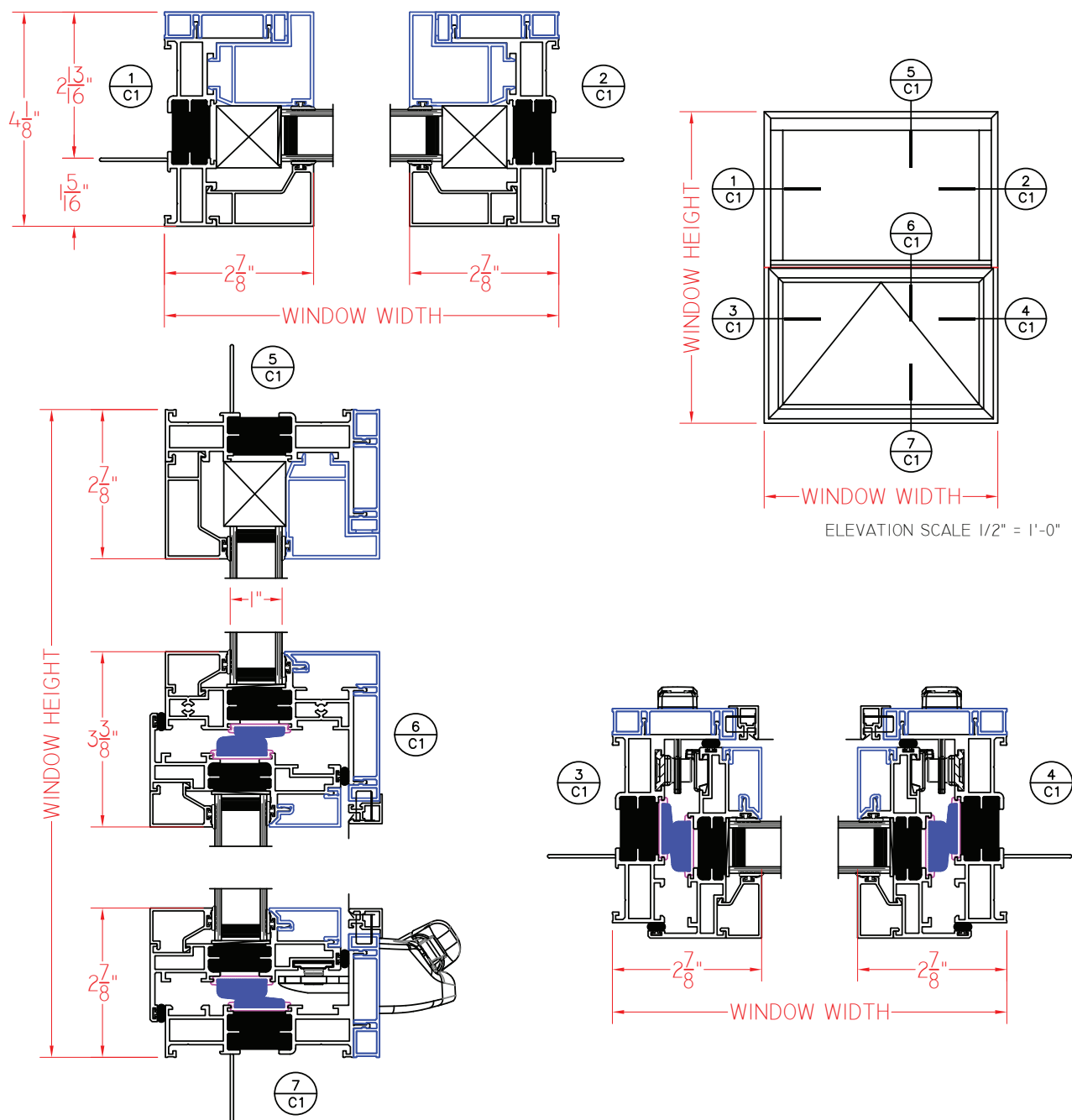




C600 Series Project-Out/Fixed

With Nailing Fin, Square Glazing Stops and Roto Hardware

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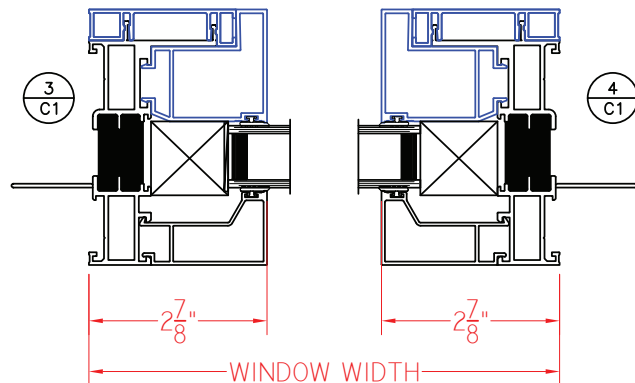
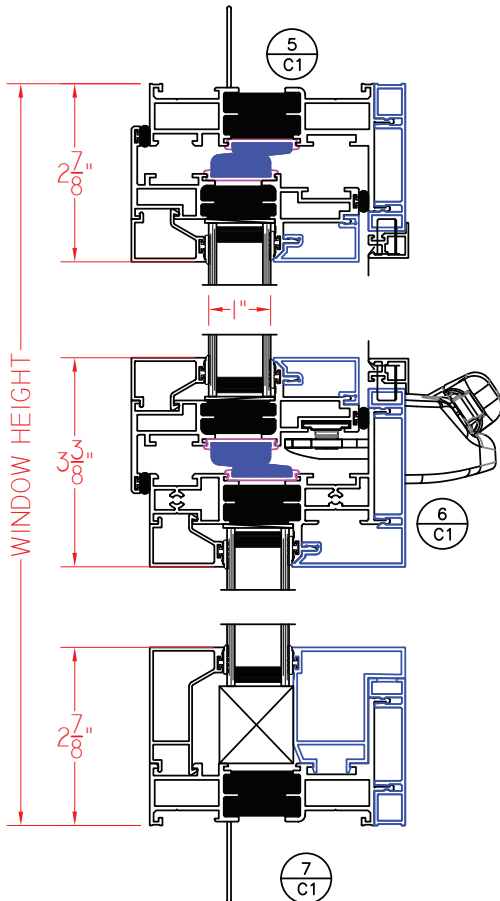
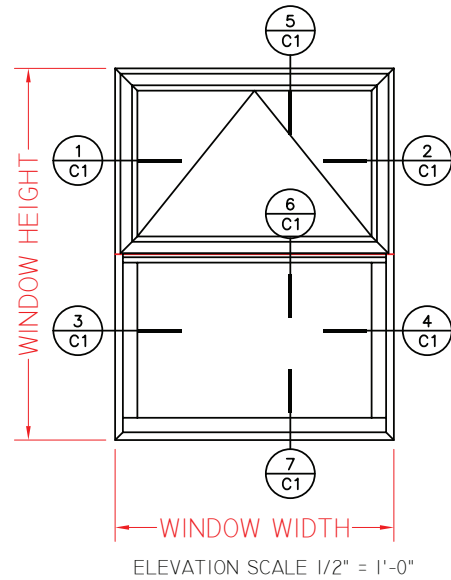
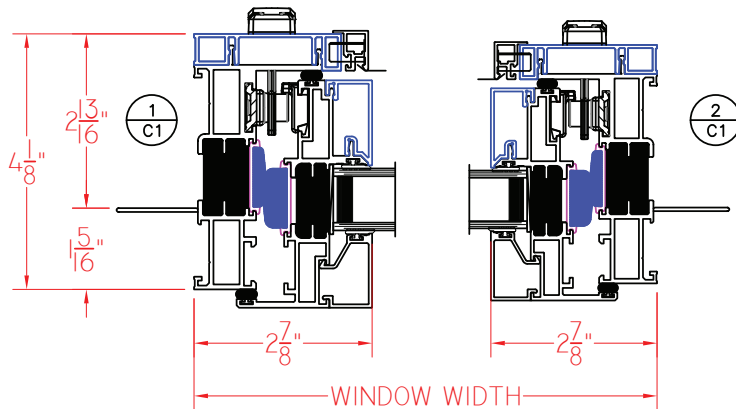


C600 Series 4 1/8" Frame Depth Project-Out

C600 Series Project-Out/Fixed

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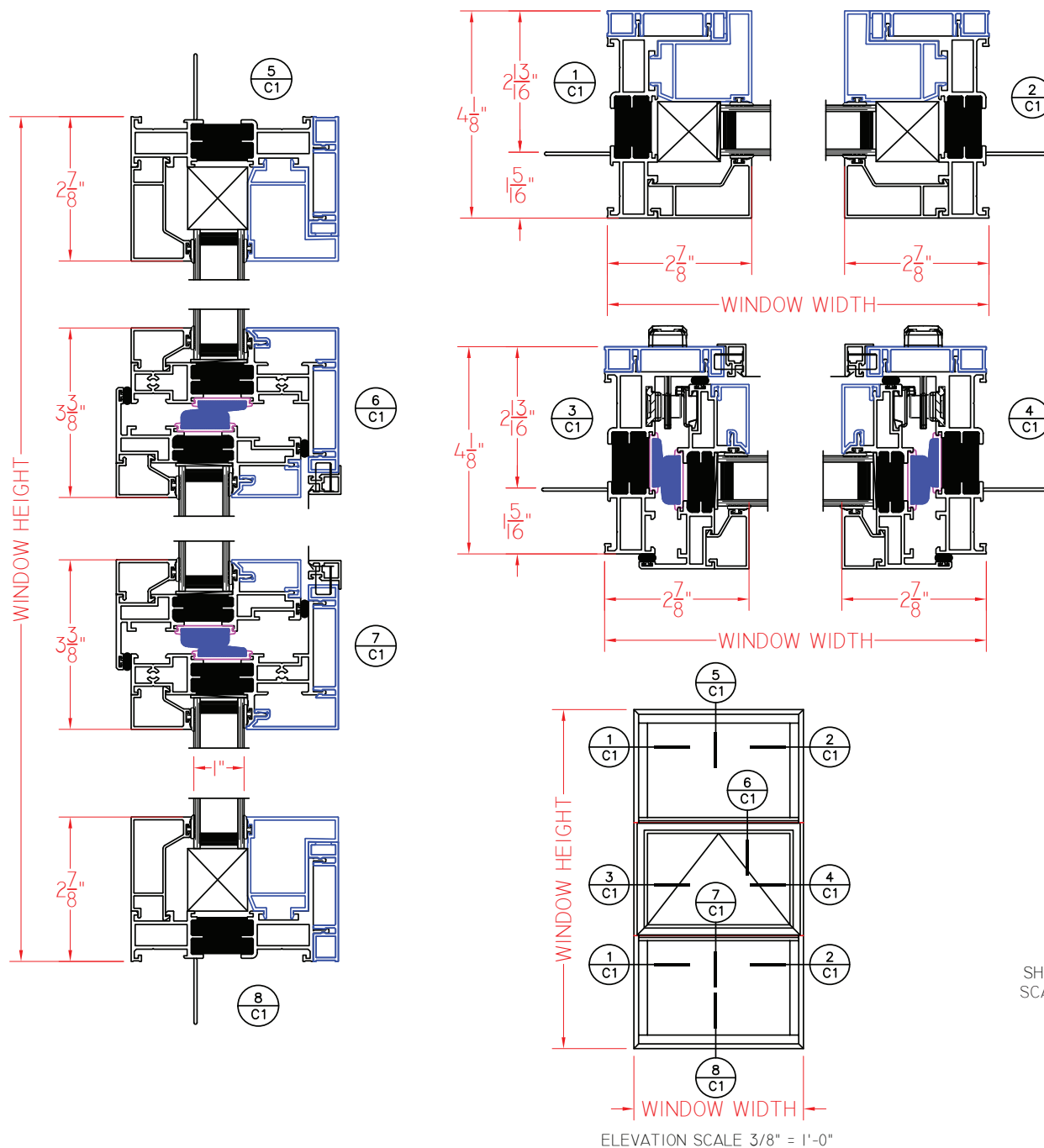




C600 Series Fixed/Project-Out/Fixed

With Nailing Fin, Square Glazing
Stops and Push-Out Hardware

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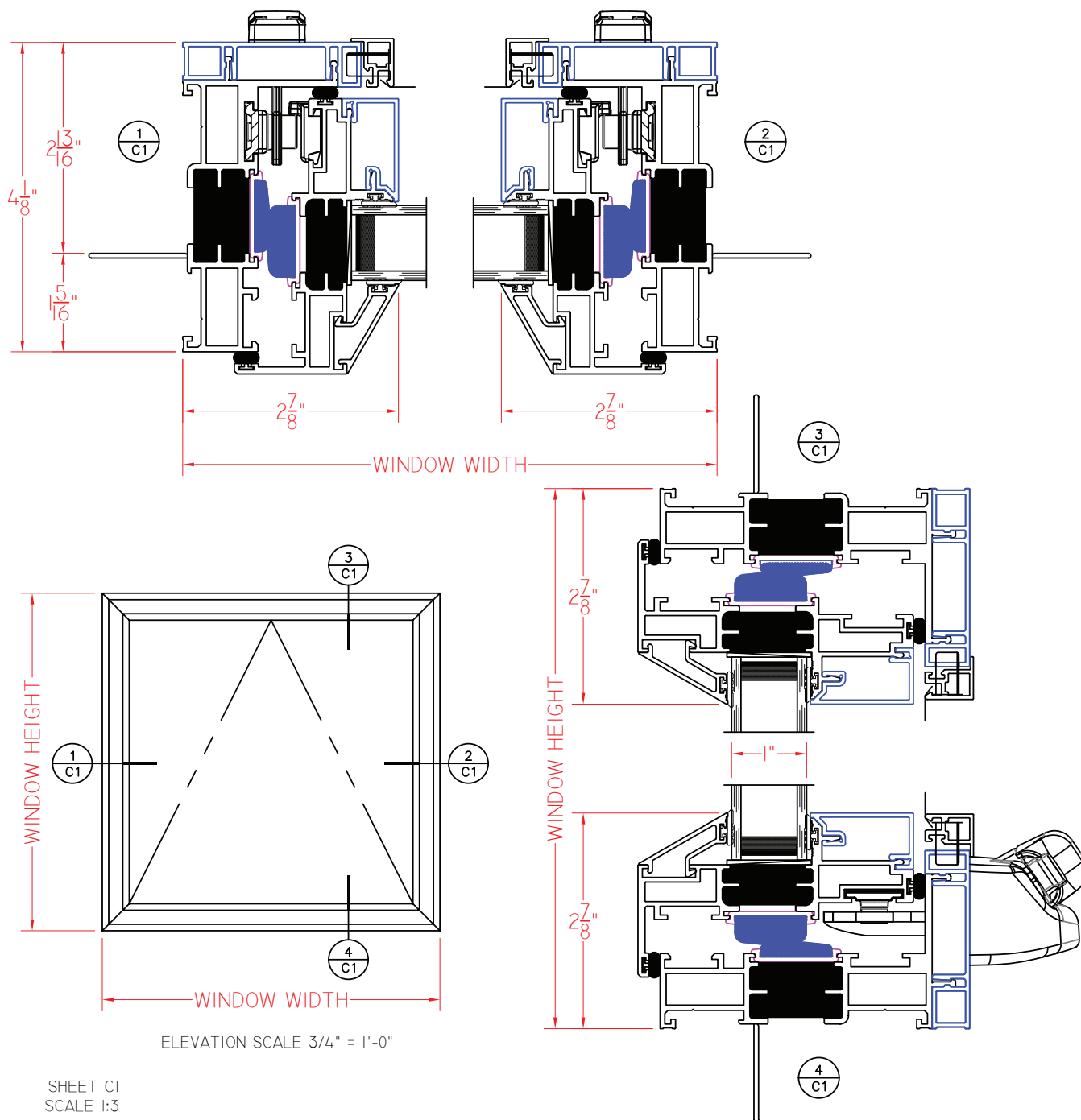




C605 Series Project-Out

With Nailing fin, Beveled Glazing
Stops and Roto Hardware

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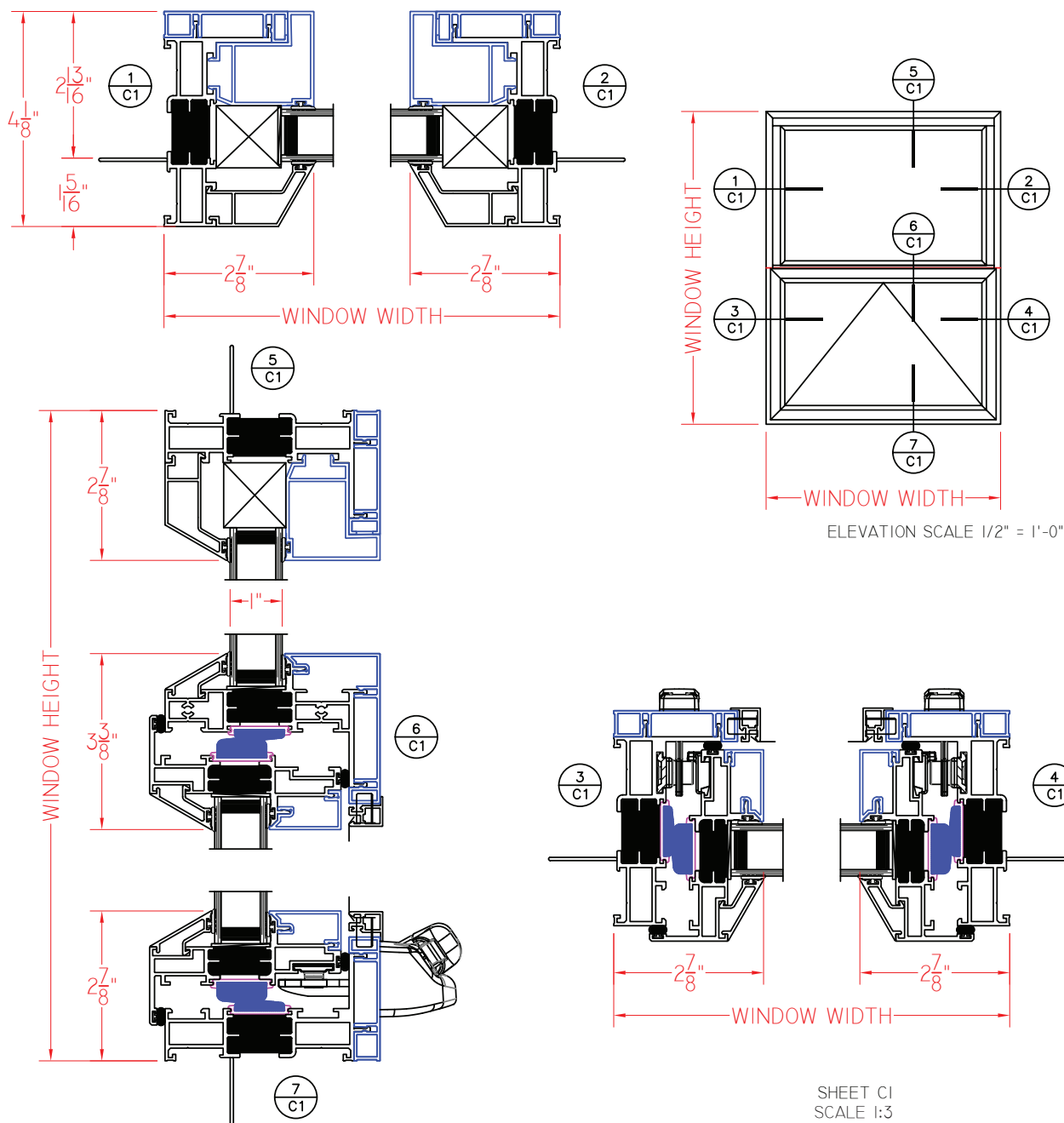




C605 Series Project-Out/Fixed

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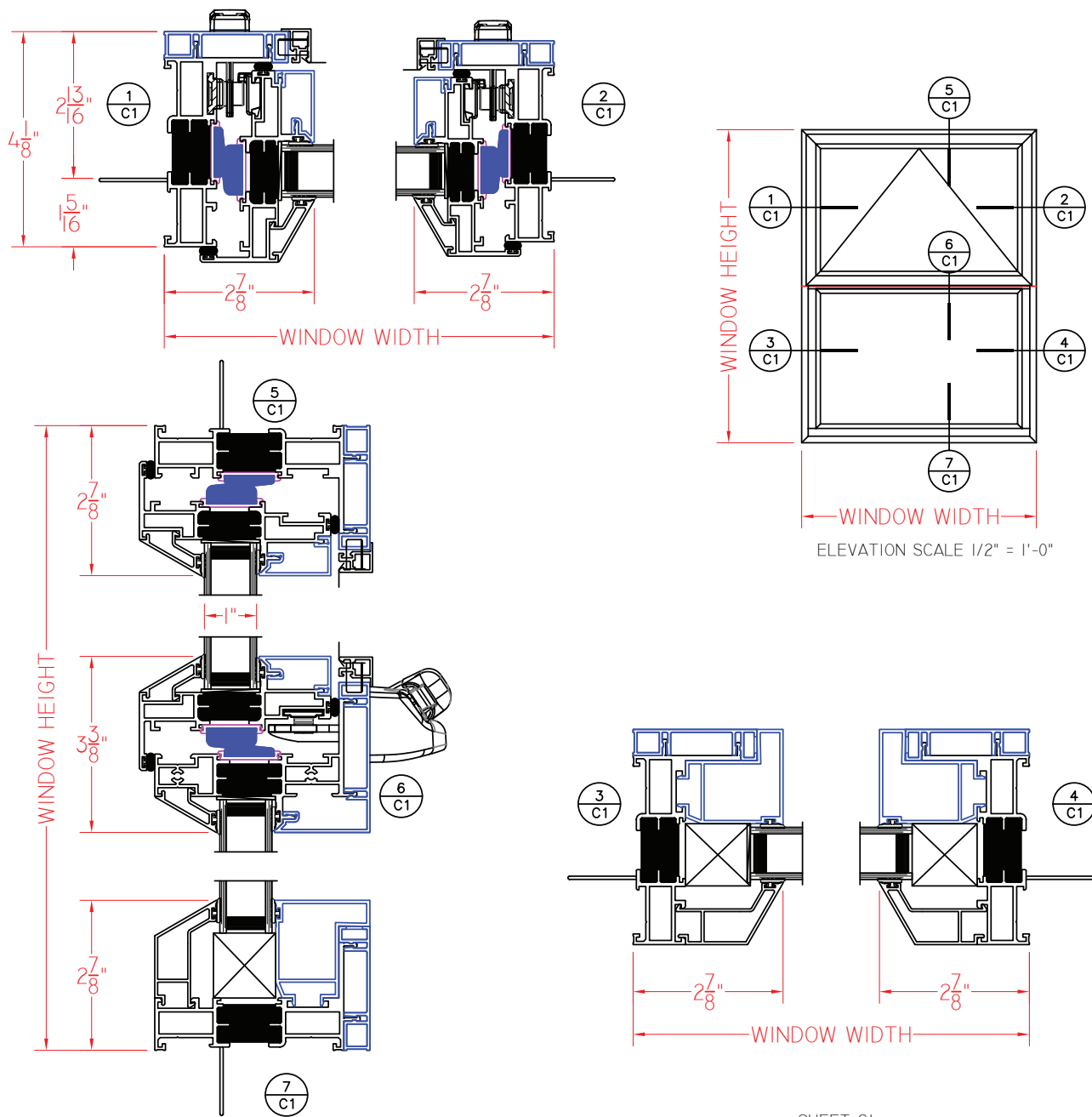




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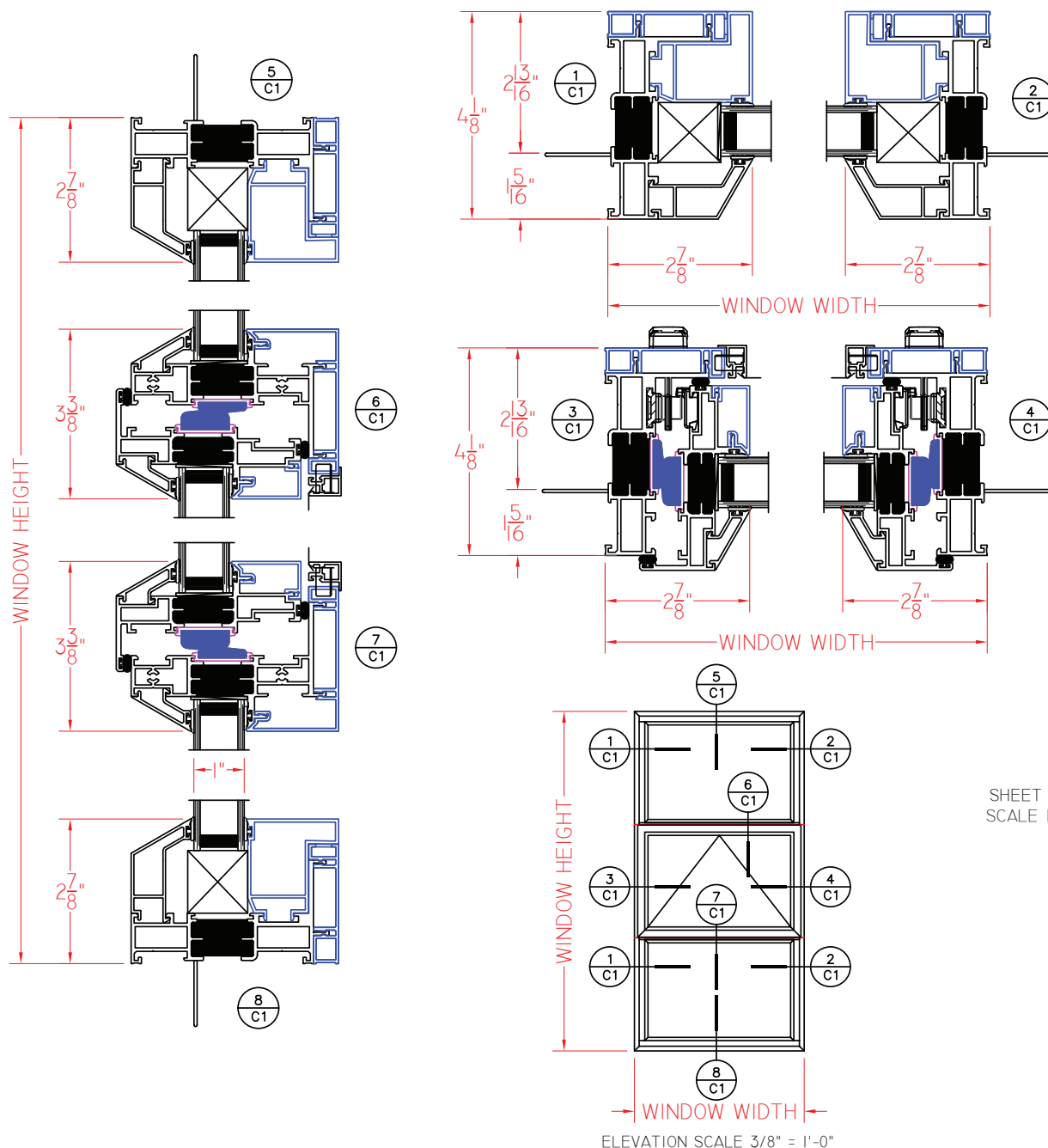
WINDOW & DOOR
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ELEVATION SCALE 3/8" = 1'-0"

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