



# Casco Aluminum Clad Casement

## Standard and Optional Features

### Standard Features:

- Heavy-gauge extruded aluminum cladding (0.050") for exceptional durability and enhanced exterior aesthetics
- Maximum exposure of wood (pine) on the interior for a classic aesthetic
- Double-screwed and sealed frame and sash corners and corner keys for superior air and weather protection
- Painted exterior finish with AAMA 2604 performance
  - Eight exterior Standard Colors for selection
- Interior mounted extruded aluminum screen frame, color matched to operating hardware, easy in-and-out spring design, and standard fiberglass screen mesh featuring Microban
- Solid wood sash and frame component construction
  - All wood includes Woodlife 111 treatment providing moisture and decay protection, helping to prevent warping, swelling, and fungal damage while maintaining compatibility with paint and stain finishes
- Interior glazed sashes for enhanced water protection, security, and prolonged product life
- 3/4" clear Cardinal Insulating Glass unit with a 20-year seal failure warranty
- Fold-down crank hardware with a sleek, low-profile design that blends seamlessly with interior aesthetics
- Single-lever lock with up to 3 locking points, increasing security and weather performance
- Dual weather-stripping with unique bulb & fin design for ultimate air and water performance
- Extruded aluminum snubber system on the hinge side for increased structural integrity and break-in resistance
- Coppertone interior hardware
- Hard vinyl fold-down & removable nailing fins with integrated head drip cap to direct water and ice away
- Sash opens to 90 degrees to allow for cleaning tools to be used on outside of window

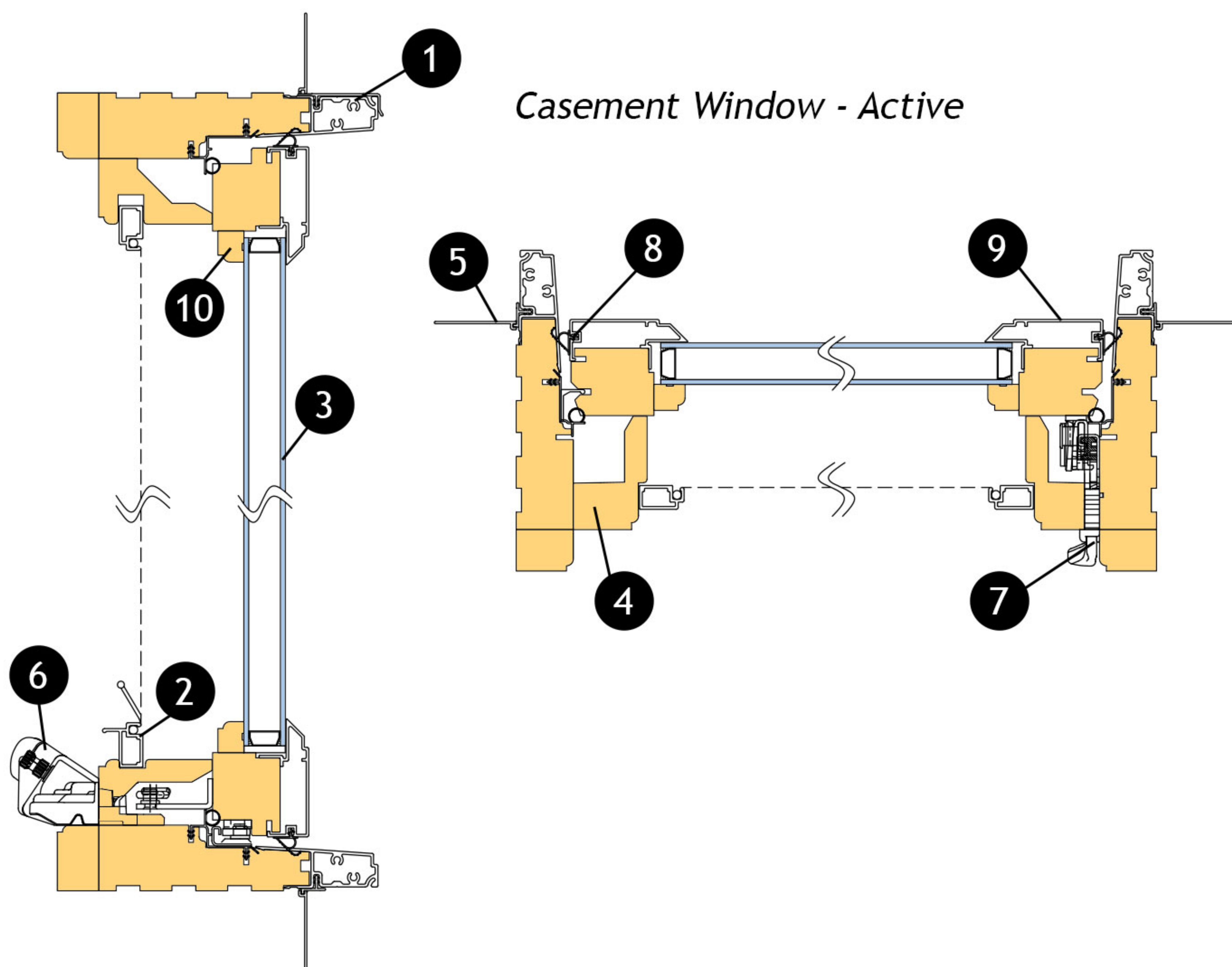
### Optional Features:

- Custom sizes between the smallest and largest standard sizes to meet specifications to 1/16"
- Painted exterior finish with AAMA 2604 performance
  - 22 designer Estate Color options
  - Custom exterior clad color options available
- Additional hardware colors (operator cover/lever and lock lever with escutcheon plate) in white, beige, or matte black
- BetterVue and PetScreen fiberglass screen mesh
- Cardinal IG's full line up of LoE soft and hard coat products for enhanced energy efficiency
- Obscure, tinted, or tempered glass for added privacy and safety
- Factory-installed pine wood extension jambs - factory applied up to 8-1/4"
- Grille options:
  - 5/8" & 13/16" flat grilles, available in single-color or two-tone between the glass
  - 3/4" & 1" contour/profile grilles, also available in single-color or two-tone between the glass
  - 7/8" and 1-1/4" Simulated Divided Light (SDL) grilles, with optional between-the-glass grilles
  - Removable wood interior grilles with full surround or no surround
- Pre-finished interiors in primed only, painted (white/black), or stained factory finish (11 standard stain colors)
- Exterior aluminum accessory surrounds
  - 1-3/4" aluminum colonial brick molding for a traditional aesthetic (with or without nail fin)
  - 1-7/8" or 4" modern flat aluminum surround material with score lines for adjusting
- High-quality factory mulling for seamless window combinations, delivering a polished and professional finish
- Available field mull options as well as extruded aluminum spread mull covers for both 2" and 3-1/2" versions

Additional information can be found at [www.casconline.com](http://www.casconline.com) or by calling 800-806-6333 and speaking to a customer service representative.

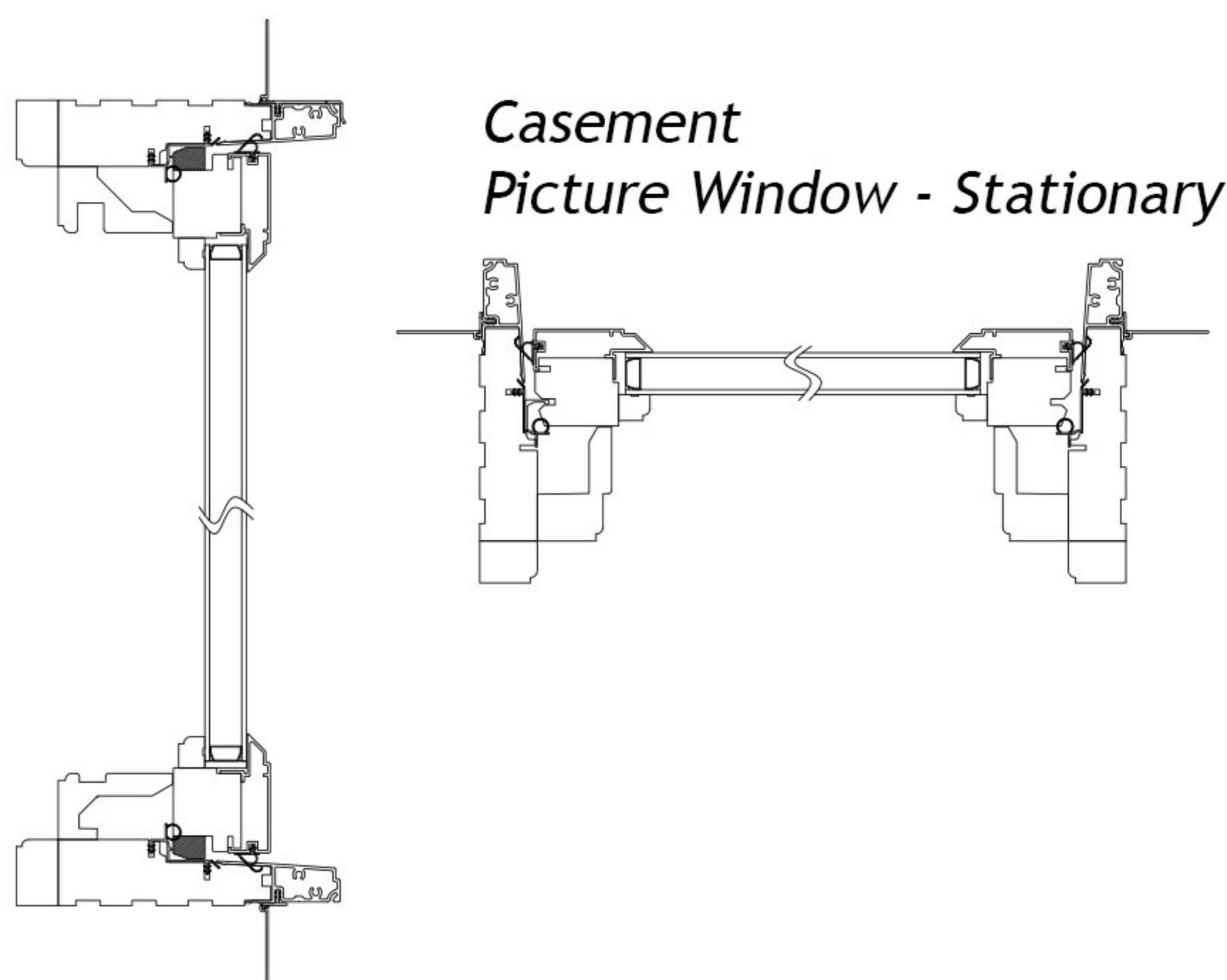


# Technical Drawing Casement

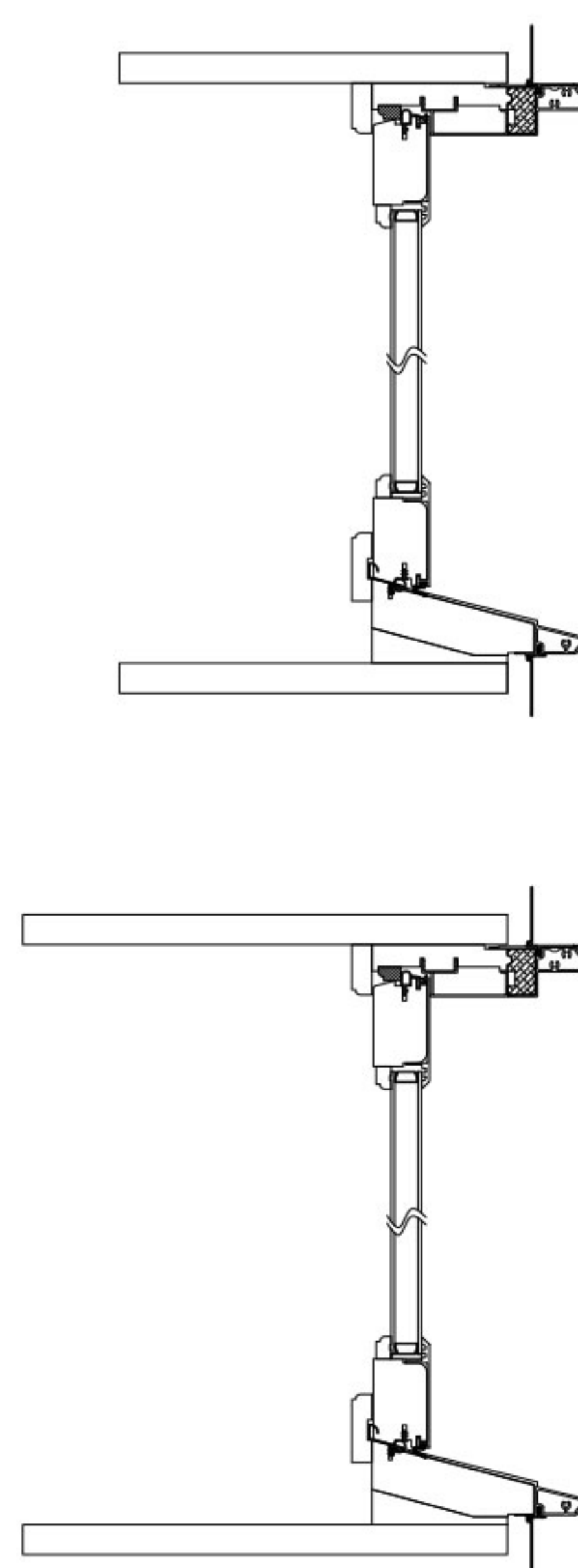


*Casement Window - Active*

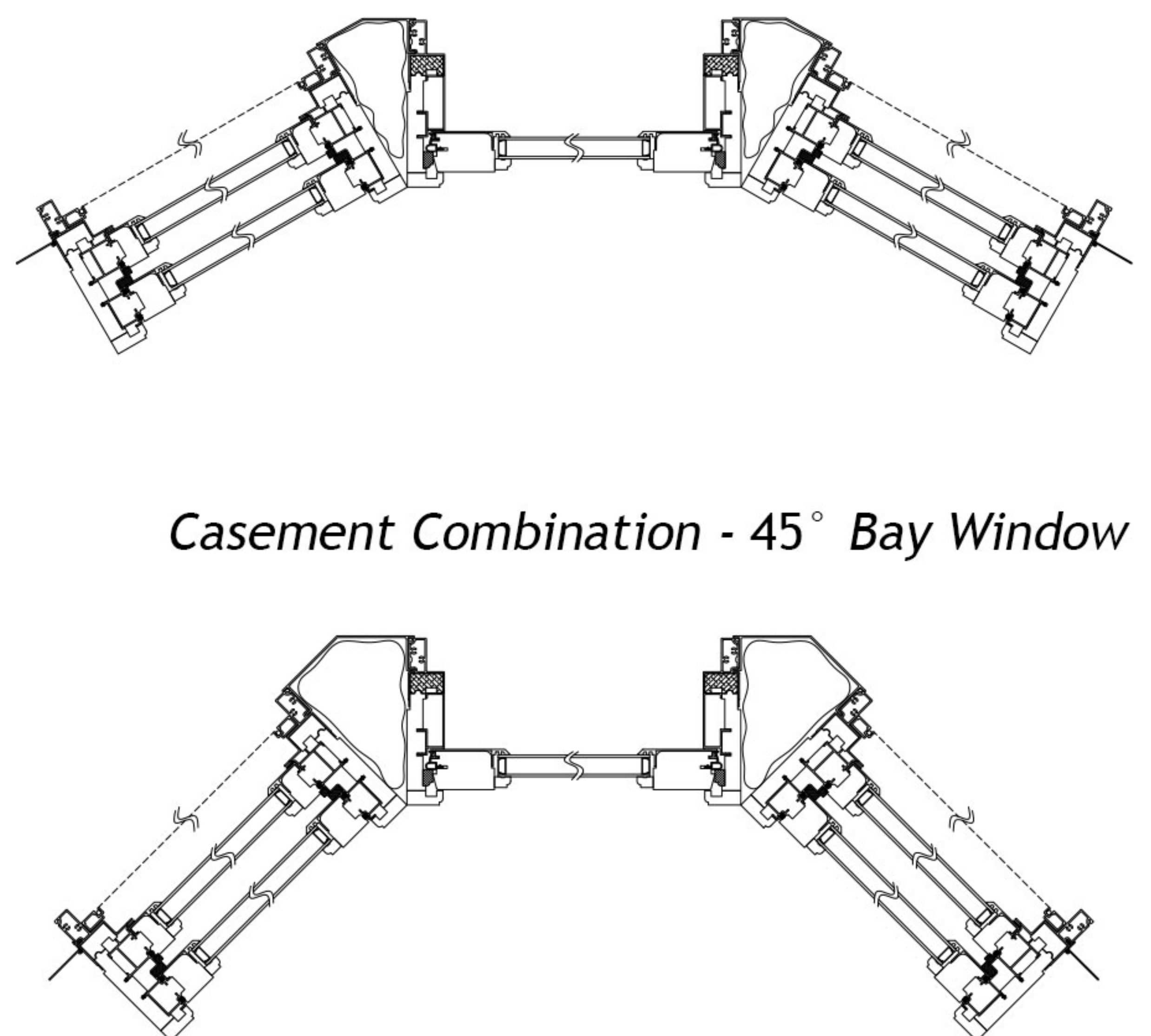
1. Fully extruded aluminum sash and frame cladding for unmatched durability and a sleek exterior finish.
2. Robust, fully extruded aluminum screen frame ensures lasting strength and seamless integration.
3. Cardinal 3/4" insulated glass with warm edge technology maximizes energy efficiency and comfort.
4. Elegant wood interior prepped for finishing adds timeless beauty and customization options.
5. Fold-down, removable vinyl nail fin with corner pads ensures easy installation and secure fit.
6. Fold-down crank hardware with a sleek, low-profile.
7. Single-lever interior lock operation with up to 3 different locking points based on height.
8. Dual weather-stripping in addition to a unique bulb & fin design for ultimate air and water performance.
9. Double-screwed and sealed frame and sash corners and corner keys.
10. Internally glazed glass adds superior durability and enhanced security for long-lasting performance.



*Casement Picture Window - Stationary*



*Casement Combination - 30° Bay Window*



*Casement Combination - 45° Bay Window*

## Casco Casement Window

- Product Performance and Testing
  - AAMA/WDMA/CSA 101/I.S.2/A440-11 & A440-08, NAFS2011
    - Design Pressure - LC45
  - ANSI/NFRC400-2017
    - Air Leakage:  $\leq 0.2$  cfm/ft<sup>2</sup>

## Casco Casement Picture Window

- Product Performance and Testing
  - AAMA/WDMA/CSA 101/I.S.2/A440-11 & A440-08, NAFS2011
    - Design Pressure - LC40
  - ANSI/NFRC400-2020
    - Air Leakage:  $\leq 0.2$  cfm/ft<sup>2</sup>

Other Available Combinations (Not Pictured):  
Casement Bow Window - 3 Wide, 4 Wide, and 5 Wide

Glass performance ratings can be found on CASCOPRO quotes as well as in the *Resource* section of our web page at [www.cascoononline.com](http://www.cascoononline.com).