



SIERRA  
PACIFIC  
WINDOWS



# ARCHITECTURAL DESIGN MANUAL

## SIERRA PACIFIC CLAD Awning

### OPERATING

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## SECTION 1

# PRODUCT FEATURES

Below is a summary of construction characteristics and standard features for the Aluminum Clad Awning, available in both narrow and wide sash profiles, covering all operating and fixed transoms, pictures, and geometric shapes.

### Product Callout:

- **C-SPAW:** Sierra Pacific Clad Awning

### Exterior Finish:

- Baked on, electrostatically applied powder paint finish with virtually no VOC's.
- Available in standard AAMA 2605 fluoropolymer finishes, from the following four design collections.
  - Color Stay™ (standard 2605)
  - Matte Textured (2604 polyester powder only)
  - Blended (standard 2605)
  - Metallics (standard 2605)
- Custom color match (standard 2605)
- Click [HERE](#) for complete list of color options.

### Interior Finish:

- Wood components dried to moisture content of 12% or less.
- Standard natural (bare) pine wood.
- Optional species: upon request and availability. Click [HERE](#) for available wood species.
- Interior finish: Natural (standard), Clear Coat, Primed, Ultra Coat Painted and Ultra Stain
  - Primed Interior finish: white or black
  - Ultra Coat Painted: specially formulated two-part catalyzed polyurethane paint
  - Ultra Stain: water-based interior stain formulated with rich color tones
- Click [HERE](#) for complete list of color options.

### Frame:

- Exterior .0625" thick extruded aluminum cladding for head, jambs, and sill; mechanically fastened mitered corners, fully injected for watertight seal; factory applied extruded drip cap.
- Interior wood frame components are treated select pine, solid or finger-jointed and veneer wrapped.
- Sash opening of the frame is wrapped in a black acrylic veneer.
- Frame thickness: 1-7/16" (interior), 9/16" (exterior)
- Overall frame depth: 5-3/4"
- Integral extruded aluminum nail fin with standard 4-9/16" jamb.
  - Additional jamb depths applied or loose: 4-3/4", 5", 5-1/8", 5-5/16", 6-7/16", 6-9/16", 6-11/16", 7", 7-1/8", 7-1/4", 7-5/16", 7-3/8", 8-1/8", or custom specified
- Standard two-piece interior sill stop aligning between operating and fixed picture casement units.
- Standard one-piece low profile interior sill stop on fixed awning transoms and shapes.

### Sash:

- Exterior .0625" thick extruded aluminum cladding for both stiles and rails.
- 2-1/4" thick sash with sealed and mechanically fastened mortise and tenon joints.
- Interior wood sash components are treated solid select pine.
- Standard narrow or wide sash
  - Narrow Sash:
    - 1-3/4" stiles and top rail, 2-7/16" bottom rail
    - Standard removable contemporary square profile glazing bead
  - Wide Sash:
    - 2-11/16" stiles and rails
    - Standard removable contemporary profile glazing bead; optional traditional profile

### Weatherstrip:

- Frame: perimeter compression style closed cell foam
- Sash: perimeter polypropylene rigid cap with flexible thermal plastic hollow bulb leaf



**Hardware:**

- Operators: Standard Truth Encore system with the zinc die cast 'Attraction' magnetic handle and cover in 10 available finishes; Guide bar or scissor operating mechanism coated with Truth E-Guard® coating system, optional stainless steel.
- Locking mechanism: Standard 'under the operator' single lock lever engaging lock hook(s) and lock keeper(s) integrated in the frame and sash.
- Hinges: Standard adjustable hinges for sash operation.
- Lock hooks on both side jambs: number dependent on height
  - Up to 42" height = 1 hook
  - Over 42" height = 2 hooks

**Glazing:**

- Interior glazed with exterior sealant and tape dam resulting in no excess squeeze out, with removable interior glazing beads.
- 3mm, 4mm, 5mm, 6mm, premium flat glass complying with ASTM C1036
- Standard 3/4" argon filled dual insulated glass with black warm edge spacer, ≥1" glass depending on size, optional single pane, triple insulated, laminated and laminated insulated
  - Spacer options: Standard black structural foam warm edge or optional Cardinal Endur spacer (required on any Neat and Preserve glazing options)
  - Glazing options: Standard Low-E, Low-E 366, Low-E 340, Low-E 180, and Low-E i89
  - Tint options: Bronze, Grey, Spandrel, Solar Cool Grey or Bronze
  - Obscure options: Standard (Pattern 62), Rain, Narrow Reed, Gluechip, White Laminated, Satin Etch, or custom specified
- Click [HERE](#) for complete list of decorative glass options.

**Grilles:**

- Simulated Divided Lites (SDL) produced with color matched exterior aluminum bars and interior wood bars in matching interior wood species and finishes, available with a shadow bar in between the glass
  - SDL bar width and profile options: 5/8", 7/8", 1" in Traditional, Putty, and Contemporary; 1-1/4" and 2" Traditional and Contemporary
- Grille Between the Glass (GBG) are installed in the insulated glass, in between the sealed glass panes, in solid colors or optional 2-tone color
  - GBG bar width and profile options: 5/8" x 3/16" Flat; 11/16" x 5/16" Contour;
- Color options: Eight standard colors. Click [HERE](#) for complete list of available colors.
- Grille patterns for both SDL and GBG grilles include Equal, Prairie, Ladder, Craftsman, Cottage, Diamond, Cross, or custom specified.

**Screens:**

- Interior removable full standard FlexScreen with flexible frame concealed in the interior screen channels, with View Clear (18x18) fiberglass mesh, optional View Clear Plus (20x20) fiberglass mesh.
- Optional retractable screen

**Accessories:**

- Exterior trim profile options: Selection of brickmould and flat casing profiles available as factory or field applied (requires thru frame install).
- Thirteen interior trim profile options in matching wood species
- Click [HERE](#) for complete list of exterior trim and [HERE](#) interior trim profile options.

**Wood Preservative Treatment:**

- Wood components, including all wood species, in direct contact with the exterior elements, aluminum clad, or glass are treated with our CoreGuard Plus™ patented wood preservative treatment process.



## SECTION 2

# COMMON PRODUCT FEATURES AND ACCESSORIES

Click [HERE](#) for the Common Product Features and Accessories



## SECTION 3

# CSI SPECIFICATIONS

Click [HERE](#) for the Clad Awning CSI Specification

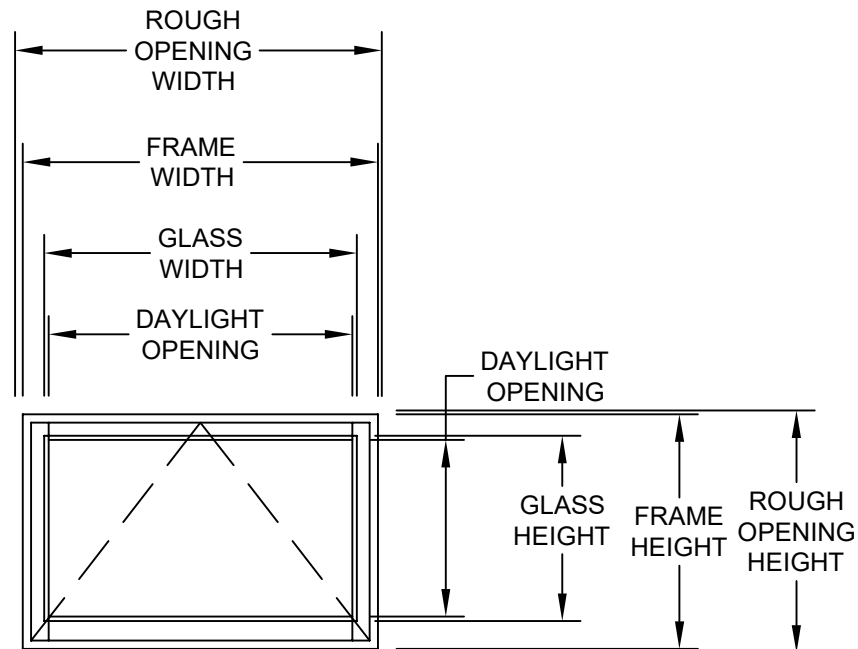


## SECTION 4

# ELEVATIONS







Example: C-SPAW-3624-1

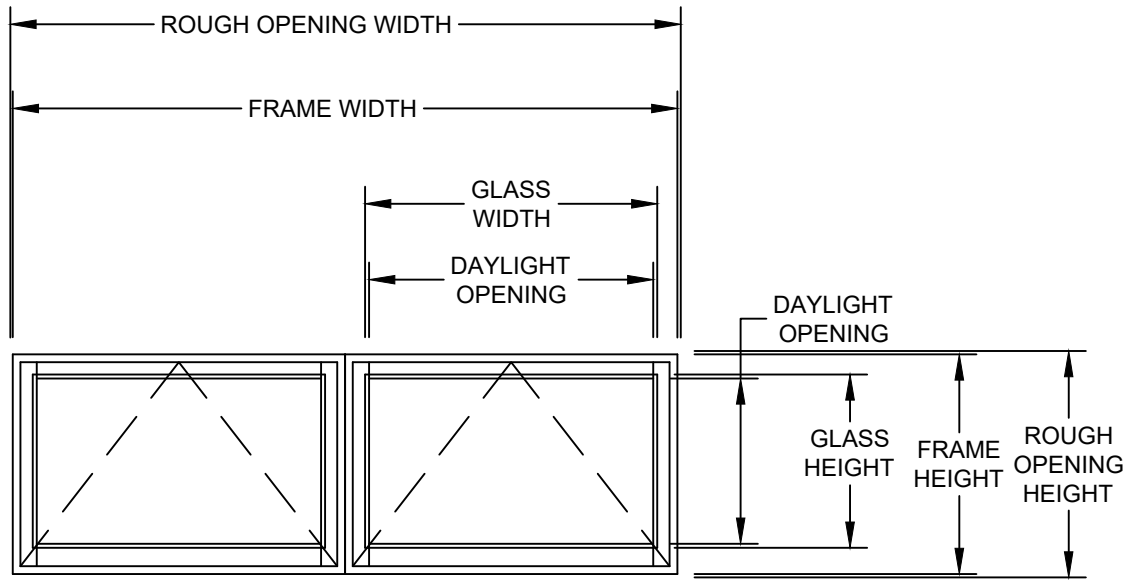
| 1-Wide Width   |                     |                     |                  |                  | Height          |                      |                |              |                  |
|----------------|---------------------|---------------------|------------------|------------------|-----------------|----------------------|----------------|--------------|------------------|
| CALL OUT WIDTH | ROUGH OPENING WIDTH | OVERALL FRAME WIDTH | GLASS WIDTH      | DAYLIGHT OPENING | CALL OUT HEIGHT | ROUGH OPENING HEIGHT | OVERALL HEIGHT | GLASS HEIGHT | DAYLIGHT OPENING |
| 18             | 18 3/4" (476)       | 18" (457)           | 13 11/16" (348)  | 12 13/16" (325)  | 18              | 18 3/4" (476)        | 18" (457)      | 13" (330)    | 12 1/8" (308)    |
| 20             | 20 3/4" (527)       | 20" (508)           | 15 11/16" (398)  | 14 13/16" (376)  | 20              | 20 3/4" (527)        | 20" (508)      | 15" (381)    | 14 1/8" (359)    |
| 24             | 24 3/4" (629)       | 24" (610)           | 19 11/16" (500)  | 18 13/16" (478)  | 24              | 24 3/4" (629)        | 24" (610)      | 19" (483)    | 18 1/8" (460)    |
| 28             | 28 3/4" (730)       | 28" (711)           | 23 11/16" (602)  | 22 13/16" (579)  | 28              | 28 3/4" (730)        | 28" (711)      | 23" (584)    | 22 1/8" (562)    |
| 30             | 30 3/4" (781)       | 30" (762)           | 25 11/16" (652)  | 24 13/16" (630)  | 30              | 30 3/4" (781)        | 30" (762)      | 25" (635)    | 24 1/8" (613)    |
| 32             | 32 3/4" (832)       | 32" (813)           | 27 11/16" (703)  | 26 13/16" (681)  | 32              | 32 3/4" (832)        | 32" (813)      | 27" (686)    | 26 1/8" (664)    |
| 36             | 36 3/4" (933)       | 36" (914)           | 31 11/16" (805)  | 30 13/16" (783)  | 36              | 36 3/4" (933)        | 36" (914)      | 31" (787)    | 30 1/8" (765)    |
| 42             | 42 3/4" (1086)      | 42" (1067)          | 37 11/16" (957)  | 36 13/16" (935)  | 42              | 42 3/4" (1086)       | 42" (1067)     | 37" (940)    | 36 1/8" (918)    |
| 48             | 48 3/4" (1238)      | 48" (1219)          | 43 11/16" (1110) | 42 13/16" (1087) | 48              | 48 3/4" (1238)       | 48" (1219)     | 43" (1092)   | 42 1/8" (1070)   |
| 54             | 54 3/4" (1391)      | 54" (1372)          | 49 11/16" (1262) | 48 13/16" (1240) | 54              | 54 3/4" (1391)       | 54" (1372)     | 49" (1245)   | 48 1/8" (1222)   |
| 60             | 60 3/4" (1543)      | 60" (1524)          | 55 11/16" (1414) | 54 13/16" (1392) | 60              | 60 3/4" (1543)       | 60" (1524)     | 55" (1397)   | 54 1/8" (1375)   |
| 72             | 72 3/4" (1848)      | 72" (1829)          | 67 11/16" (1719) | 66 13/16" (1697) |                 |                      |                |              |                  |

Operations available: Operating or Stationary

Chart reflects standard sizes. Custom sizes available in 1/16" increments.

Note: For standard CAD layout elevations, visit [www.SierraPacificWindows.com](http://www.SierraPacificWindows.com)

Elevations Viewed from Exterior



Example: C-SPAW-3624-2

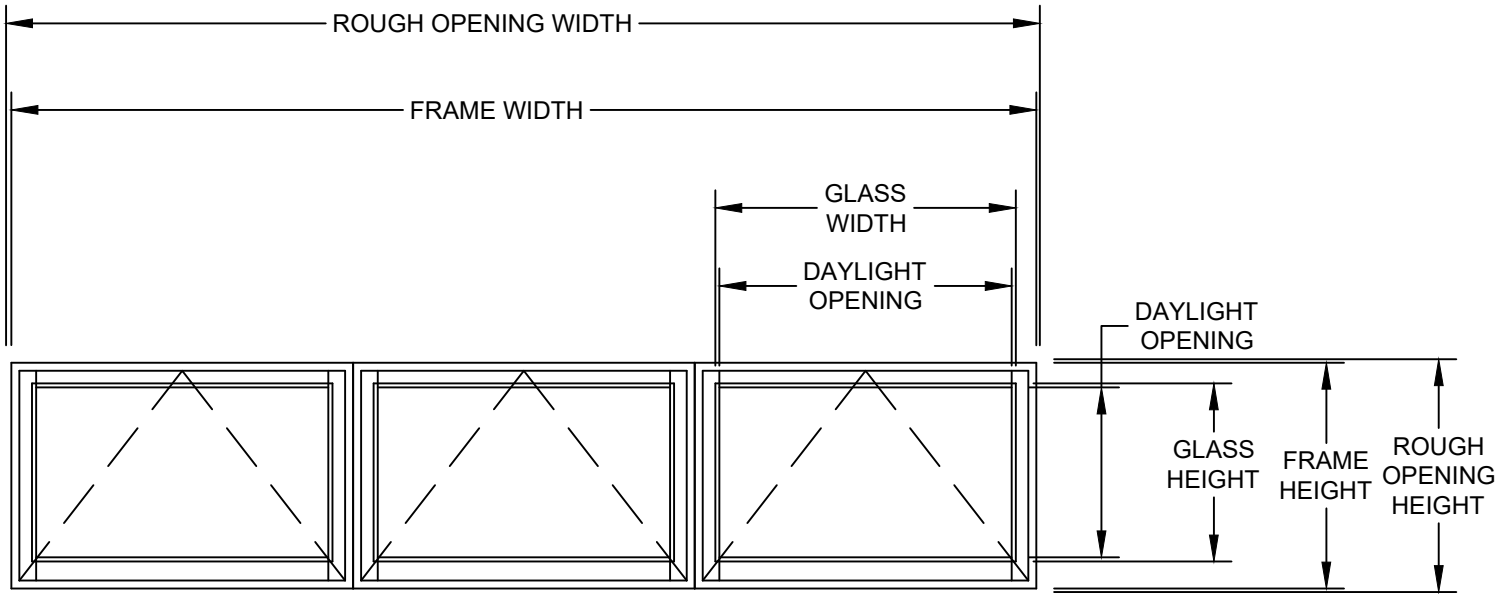
| 2-Wide Width   |                     |                     |                  |                  | Height          |                      |              |              |                  |
|----------------|---------------------|---------------------|------------------|------------------|-----------------|----------------------|--------------|--------------|------------------|
| CALL OUT WIDTH | ROUGH OPENING WIDTH | OVERALL FRAME WIDTH | GLASS WIDTH      | DAYLIGHT OPENING | CALL OUT HEIGHT | ROUGH OPENING HEIGHT | FRAME HEIGHT | GLASS HEIGHT | DAYLIGHT OPENING |
| 18             | 36 3/4" (933)       | 36" (914)           | 13 11/16" (348)  | 12 13/16" (325)  | 18              | 18 3/4" (476)        | 18" (457)    | 13" (330)    | 12 1/8" (308)    |
| 20             | 40 3/4" (1035)      | 40" (1016)          | 15 11/16" (398)  | 14 13/16" (376)  | 20              | 20 3/4" (527)        | 20" (508)    | 15" (381)    | 14 1/8" (359)    |
| 24             | 48 3/4" (1238)      | 48" (1219)          | 19 11/16" (500)  | 18 13/16" (478)  | 24              | 24 3/4" (629)        | 24" (610)    | 19" (483)    | 18 1/8" (460)    |
| 28             | 56 3/4" (1441)      | 56" (1422)          | 23 11/16" (602)  | 22 13/16" (579)  | 28              | 28 3/4" (730)        | 28" (711)    | 23" (584)    | 22 1/8" (562)    |
| 30             | 60 3/4" (1543)      | 60" (1524)          | 25 11/16" (652)  | 24 13/16" (630)  | 30              | 30 3/4" (781)        | 30" (762)    | 25" (635)    | 24 1/8" (613)    |
| 32             | 64 3/4" (1645)      | 64" (1626)          | 27 11/16" (703)  | 26 13/16" (681)  | 32              | 32 3/4" (832)        | 32" (813)    | 27" (686)    | 26 1/8" (664)    |
| 36             | 72 3/4" (1848)      | 72" (1829)          | 31 11/16" (805)  | 30 13/16" (783)  | 36              | 36 3/4" (933)        | 36" (914)    | 31" (787)    | 30 1/8" (765)    |
| 42             | 84 3/4" (2153)      | 84" (2134)          | 37 11/16" (957)  | 36 13/16" (935)  | 42              | 42 3/4" (1086)       | 42" (1067)   | 37" (940)    | 36 1/8" (918)    |
| 48             | 96 3/4" (2457)      | 96" (2438)          | 43 11/16" (1110) | 42 13/16" (1087) | 48              | 48 3/4" (1238)       | 48" (1219)   | 43" (1092)   | 42 1/8" (1070)   |
| 54             | 108 3/4" (2762)     | 108" (2743)         | 49 11/16" (1262) | 48 13/16" (1240) | 54              | 54 3/4" (1391)       | 54" (1372)   | 49" (1245)   | 48 1/8" (1222)   |
| 60             | 120 3/4" (3067)     | 120" (3048)         | 55 11/16" (1414) | 54 13/16" (1392) | 60              | 60 3/4" (1543)       | 60" (1524)   | 55" (1397)   | 54 1/8" (1375)   |
| 72             | 144 3/4" (3677)     | 144" (3658)         | 67 11/16" (1719) | 66 13/16" (1697) |                 |                      |              |              |                  |

Operations available: Operating or Stationary

Chart reflects standard sizes. Custom sizes available in 1/16" increments.

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Elevations Viewed from Exterior



Example: C-SPAW-3624-3

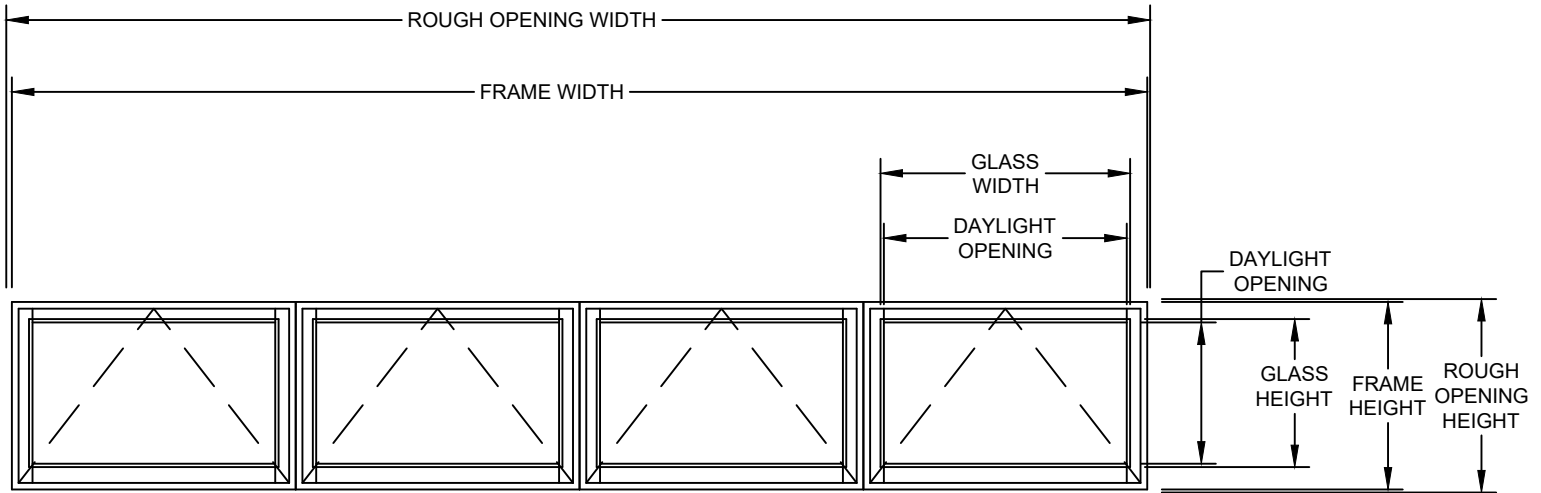
| 3-Wide Width   |                     |                     |                  |                  | Height          |                      |              |              |                  |
|----------------|---------------------|---------------------|------------------|------------------|-----------------|----------------------|--------------|--------------|------------------|
| CALL OUT WIDTH | ROUGH OPENING WIDTH | OVERALL FRAME WIDTH | GLASS WIDTH      | DAYLIGHT OPENING | CALL OUT HEIGHT | ROUGH OPENING HEIGHT | FRAME HEIGHT | GLASS HEIGHT | DAYLIGHT OPENING |
| 18             | 54 3/4" (1391)      | 54" (1372)          | 13 11/16" (348)  | 12 13/16" (325)  | 18              | 18 3/4" (476)        | 18" (457)    | 13" (330)    | 12 1/8" (308)    |
| 20             | 60 3/4" (1543)      | 60" (1524)          | 15 11/16" (398)  | 14 13/16" (376)  | 20              | 20 3/4" (527)        | 20" (508)    | 15" (381)    | 14 1/8" (359)    |
| 24             | 72 3/4" (1848)      | 72" (1829)          | 19 11/16" (500)  | 18 13/16" (478)  | 24              | 24 3/4" (629)        | 24" (610)    | 19" (483)    | 18 1/8" (460)    |
| 28             | 84 3/4" (2153)      | 84" (2134)          | 23 11/16" (602)  | 22 13/16" (579)  | 28              | 28 3/4" (730)        | 28" (711)    | 23" (584)    | 22 1/8" (562)    |
| 30             | 90 3/4" (2305)      | 90" (2286)          | 25 11/16" (652)  | 24 13/16" (630)  | 30              | 30 3/4" (781)        | 30" (762)    | 25" (635)    | 24 1/8" (613)    |
| 32             | 96 3/4" (2457)      | 96" (2438)          | 27 11/16" (703)  | 26 13/16" (681)  | 32              | 32 3/4" (832)        | 32" (813)    | 27" (686)    | 26 1/8" (664)    |
| 36             | 108 3/4" (2762)     | 108" (2743)         | 31 11/16" (805)  | 30 13/16" (783)  | 36              | 36 3/4" (933)        | 36" (914)    | 31" (787)    | 30 1/8" (765)    |
| 42             | 126 3/4" (3219)     | 126" (3200)         | 37 11/16" (957)  | 36 13/16" (935)  | 42              | 42 3/4" (1086)       | 42" (1067)   | 37" (940)    | 36 1/8" (918)    |
| 48             | 144 3/4" (3677)     | 144" (3658)         | 43 11/16" (1110) | 42 13/16" (1087) | 48              | 48 3/4" (1238)       | 48" (1219)   | 43" (1092)   | 42 1/8" (1070)   |
|                |                     |                     |                  |                  | 54              | 54 3/4" (1391)       | 54" (1372)   | 49" (1245)   | 48 1/8" (1222)   |
|                |                     |                     |                  |                  | 60              | 60 3/4" (1543)       | 60" (1524)   | 55" (1397)   | 54 1/8" (1375)   |

Operations available: Operating or Stationary

Chart reflects standard sizes. Custom sizes available in 1/16" increments.

Note: For standard CAD layout elevations, visit [www.SierraPacificWindows.com](http://www.SierraPacificWindows.com)

Elevations Viewed from Exterior



Example: C-SPAW-3624-4

| 4-Wide Width   |                     |                     |                 |                  | Height          |                      |              |              |                  |
|----------------|---------------------|---------------------|-----------------|------------------|-----------------|----------------------|--------------|--------------|------------------|
| CALL OUT WIDTH | ROUGH OPENING WIDTH | OVERALL FRAME WIDTH | GLASS WIDTH     | DAYLIGHT OPENING | CALL OUT HEIGHT | ROUGH OPENING HEIGHT | FRAME HEIGHT | GLASS HEIGHT | DAYLIGHT OPENING |
| 18             | 72 3/4" (1848)      | 72" (1829)          | 13 11/16" (348) | 12 13/16" (325)  | 18              | 18 3/4" (476)        | 18" (457)    | 13" (330)    | 12 1/8" (308)    |
| 24             | 96 3/4" (2457)      | 96" (2438)          | 19 11/16" (500) | 18 13/16" (478)  | 20              | 20 3/4" (527)        | 20" (508)    | 15" (381)    | 14 1/8" (359)    |
| 28             | 112 3/4" (2864)     | 112" (2845)         | 23 11/16" (602) | 22 13/16" (579)  | 24              | 24 3/4" (629)        | 24" (610)    | 19" (483)    | 18 1/8" (460)    |
| 30             | 120 3/4" (3067)     | 120" (3048)         | 25 11/16" (652) | 24 13/16" (630)  | 28              | 28 3/4" (730)        | 28" (711)    | 23" (584)    | 22 1/8" (562)    |
| 32             | 128 3/4" (3270)     | 128" (3251)         | 27 11/16" (703) | 26 13/16" (681)  | 30              | 30 3/4" (781)        | 30" (762)    | 25" (635)    | 24 1/8" (613)    |
| 36             | 144 3/4" (3677)     | 144" (3658)         | 31 11/16" (805) | 30 13/16" (783)  | 32              | 32 3/4" (832)        | 32" (813)    | 27" (686)    | 26 1/8" (664)    |
|                |                     |                     |                 |                  | 36              | 36 3/4" (933)        | 36" (914)    | 31" (787)    | 30 1/8" (765)    |
|                |                     |                     |                 |                  | 42              | 42 3/4" (1086)       | 42" (1067)   | 37" (940)    | 36 1/8" (918)    |
|                |                     |                     |                 |                  | 48              | 48 3/4" (1238)       | 48" (1219)   | 43" (1092)   | 42 1/8" (1070)   |
|                |                     |                     |                 |                  | 54              | 54 3/4" (1391)       | 54" (1372)   | 49" (1245)   | 48 1/8" (1222)   |
|                |                     |                     |                 |                  | 60              | 60 3/4" (1543)       | 60" (1524)   | 55" (1397)   | 54 1/8" (1375)   |

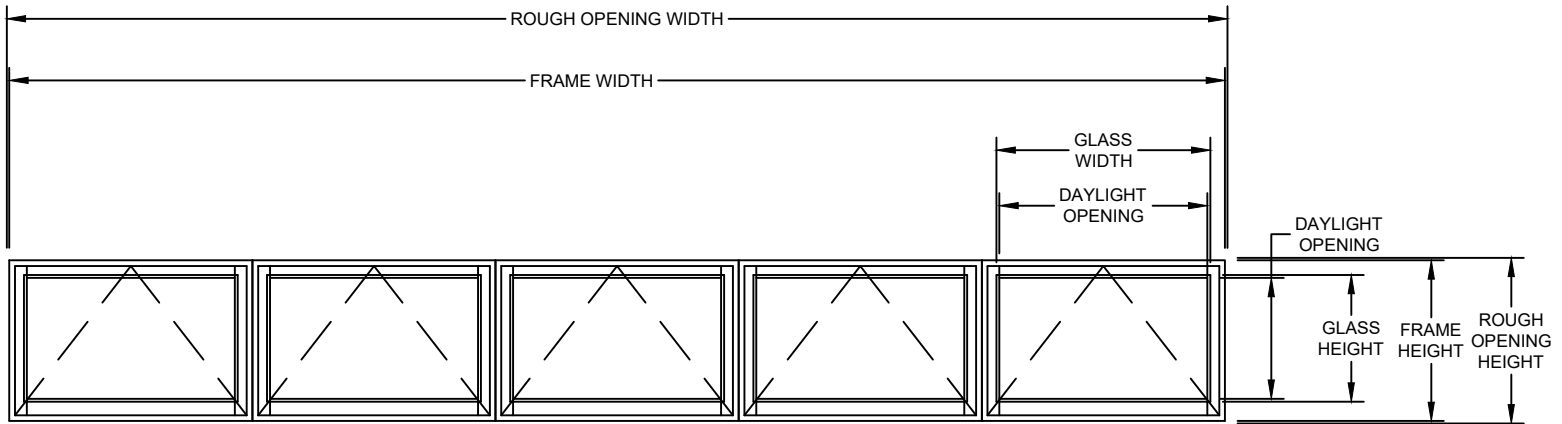
Operations available: Operating or Stationary

Chart reflects standard sizes. Custom sizes available in 1/16" increments.

Note: For standard CAD layout elevations, visit [www.SierraPacificWindows.com](http://www.SierraPacificWindows.com)

Elevations Viewed from Exterior

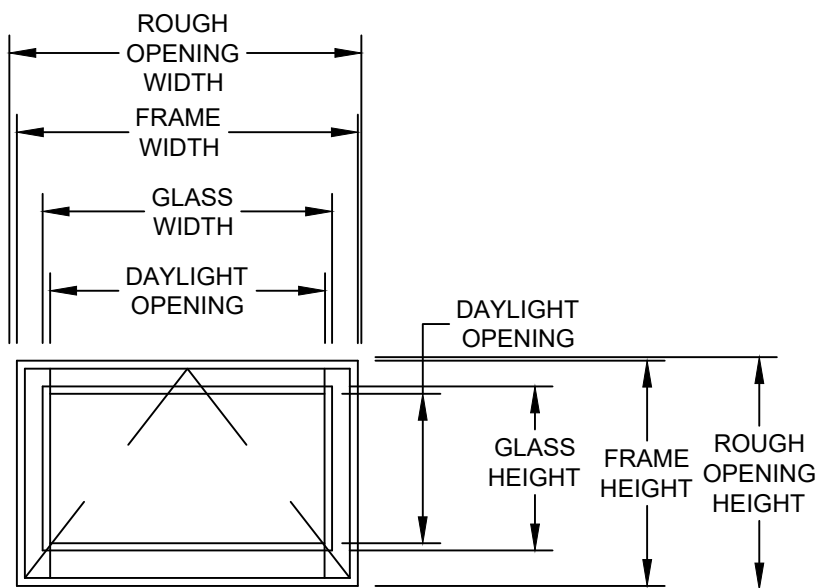




Example: C-SPAW-3624-5

| 5-Wide Width                                                                                                                                                                                                                                                  |                     |                     |                 |                  | Height          |                      |              |              |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------|-----------------|------------------|-----------------|----------------------|--------------|--------------|------------------|
| CALL OUT WIDTH                                                                                                                                                                                                                                                | ROUGH OPENING WIDTH | OVERALL FRAME WIDTH | GLASS WIDTH     | DAYLIGHT OPENING | CALL OUT HEIGHT | ROUGH OPENING HEIGHT | FRAME HEIGHT | GLASS HEIGHT | DAYLIGHT OPENING |
| 18                                                                                                                                                                                                                                                            | 90 3/4" (2305)      | 90" (2286)          | 13 11/16" (348) | 12 13/16" (325)  | 18              | 18 3/4" (476)        | 18" (457)    | 13" (330)    | 12 1/8" (308)    |
| 20                                                                                                                                                                                                                                                            | 100 3/4" (2559)     | 100" (2540)         | 15 11/16" (398) | 14 13/16" (376)  | 20              | 20 3/4" (527)        | 20" (508)    | 15" (381)    | 14 1/8" (359)    |
| 24                                                                                                                                                                                                                                                            | 120 3/4" (3067)     | 120" (3048)         | 19 11/16" (500) | 18 13/16" (478)  | 24              | 24 3/4" (629)        | 24" (610)    | 19" (483)    | 18 1/8" (460)    |
| 28                                                                                                                                                                                                                                                            | 140 3/4" (3575)     | 140" (3556)         | 23 11/16" (602) | 22 13/16" (579)  | 28              | 28 3/4" (730)        | 28" (711)    | 23" (584)    | 22 1/8" (562)    |
| Operations available: Operating or Stationary<br>Chart reflects standard sizes. Custom sizes available in 1/16" increments.<br>Note: For standard CAD layout elevations, visit <a href="http://www.SierraPacificWindows.com">www.SierraPacificWindows.com</a> |                     |                     |                 |                  | 30              | 30 3/4" (781)        | 30" (762)    | 25" (635)    | 24 1/8" (613)    |
|                                                                                                                                                                                                                                                               |                     |                     |                 |                  | 32              | 32 3/4" (832)        | 32" (813)    | 27" (686)    | 26 1/8" (664)    |
|                                                                                                                                                                                                                                                               |                     |                     |                 |                  | 36              | 36 3/4" (933)        | 36" (914)    | 31" (787)    | 30 1/8" (765)    |
|                                                                                                                                                                                                                                                               |                     |                     |                 |                  | 42              | 42 3/4" (1086)       | 42" (1067)   | 37" (940)    | 36 1/8" (918)    |
|                                                                                                                                                                                                                                                               |                     |                     |                 |                  | 48              | 48 3/4" (1238)       | 48" (1219)   | 43" (1092)   | 42 1/8" (1070)   |
|                                                                                                                                                                                                                                                               |                     |                     |                 |                  | 54              | 54 3/4" (1391)       | 54" (1372)   | 49" (1245)   | 48 1/8" (1222)   |
|                                                                                                                                                                                                                                                               |                     |                     |                 |                  | 60              | 60 3/4" (1543)       | 60" (1524)   | 55" (1397)   | 54 1/8" (1375)   |

Elevations Viewed from Exterior



Example: C-SPCSE-3624-1

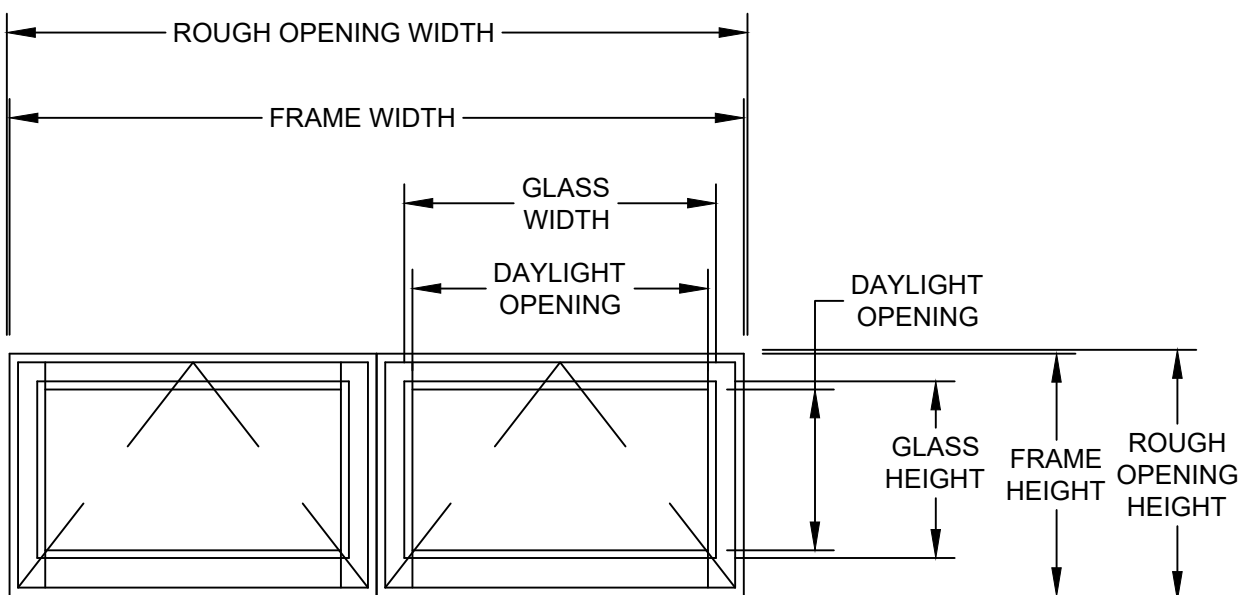
| 1-Wide Width   |                     |                     |                |                  | Height          |                      |                |                |                  |
|----------------|---------------------|---------------------|----------------|------------------|-----------------|----------------------|----------------|----------------|------------------|
| CALL OUT WIDTH | ROUGH OPENING WIDTH | OVERALL FRAME WIDTH | GLASS WIDTH    | DAYLIGHT OPENING | CALL OUT HEIGHT | ROUGH OPENING HEIGHT | OVERALL HEIGHT | GLASS HEIGHT   | DAYLIGHT OPENING |
| 18             | 18 3/4" (476)       | 18" (457)           | 12 1/8" (308)  | 11" (279)        | 18              | 18 3/4" (476)        | 18" (457)      | 12 1/8" (308)  | 11" (279)        |
| 20             | 20 3/4" (527)       | 20" (508)           | 14 1/8" (359)  | 13" (330)        | 20              | 20 3/4" (527)        | 20" (508)      | 14 1/8" (359)  | 13" (330)        |
| 24             | 24 3/4" (629)       | 24" (610)           | 18 1/8" (460)  | 17" (432)        | 24              | 24 3/4" (629)        | 24" (610)      | 18 1/8" (460)  | 17" (432)        |
| 28             | 28 3/4" (730)       | 28" (711)           | 22 1/8" (562)  | 21" (533)        | 28              | 28 3/4" (730)        | 28" (711)      | 22 1/8" (562)  | 21" (533)        |
| 30             | 30 3/4" (781)       | 30" (762)           | 24 1/8" (613)  | 23" (584)        | 30              | 30 3/4" (781)        | 30" (762)      | 24 1/8" (613)  | 23" (584)        |
| 32             | 32 3/4" (832)       | 32" (813)           | 26 1/8" (664)  | 25" (635)        | 32              | 32 3/4" (832)        | 32" (813)      | 26 1/8" (664)  | 25" (635)        |
| 36             | 36 3/4" (933)       | 36" (914)           | 30 1/8" (765)  | 29" (737)        | 36              | 36 3/4" (933)        | 36" (914)      | 30 1/8" (765)  | 29" (737)        |
| 42             | 42 3/4" (1086)      | 42" (1067)          | 36 1/8" (918)  | 35" (889)        | 42              | 42 3/4" (1086)       | 42" (1067)     | 36 1/8" (918)  | 35" (889)        |
| 48             | 48 3/4" (1238)      | 48" (1219)          | 42 1/8" (1070) | 41" (1041)       | 48              | 48 3/4" (1238)       | 48" (1219)     | 42 1/8" (1070) | 41" (1041)       |
| 54             | 54 3/4" (1391)      | 54" (1372)          | 48 1/8" (1222) | 47" (1194)       | 54              | 54 3/4" (1391)       | 54" (1372)     | 48 1/8" (1222) | 47" (1194)       |
| 60             | 60 3/4" (1543)      | 60" (1524)          | 54 1/8" (1375) | 53" (1346)       | 60              | 60 3/4" (1543)       | 60" (1524)     | 54 1/8" (1375) | 53" (1346)       |
| 72             | 72 3/4" (1848)      | 72" (1829)          | 66 1/8" (1680) | 65" (1651)       |                 |                      |                |                |                  |

Operations available: Operating or Stationary

Chart reflects standard sizes. Custom sizes available in 1/16" increments.

Note: For standard CAD layout elevations, visit [www.SierraPacificWindows.com](http://www.SierraPacificWindows.com)

Elevations Viewed from Exterior



Example: C-SPCSE-3624-2

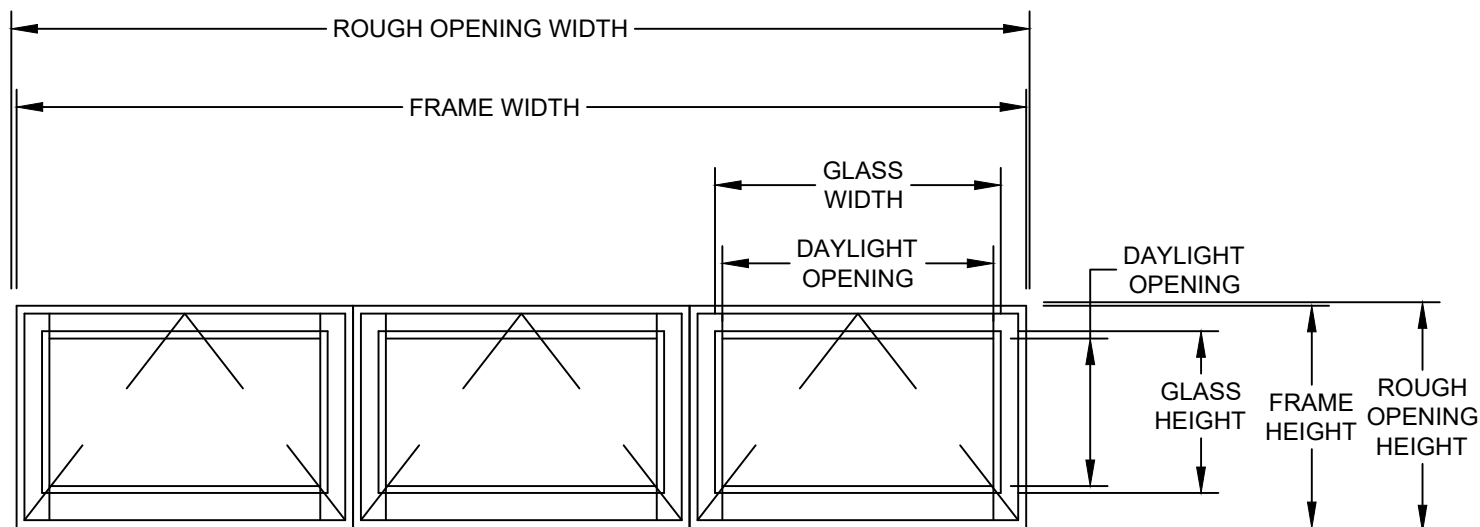
| 2-Wide Width   |                     |                     |                  |                  | Height          |                      |              |                |                  |
|----------------|---------------------|---------------------|------------------|------------------|-----------------|----------------------|--------------|----------------|------------------|
| CALL OUT WIDTH | ROUGH OPENING WIDTH | OVERALL FRAME WIDTH | GLASS WIDTH      | DAYLIGHT OPENING | CALL OUT HEIGHT | ROUGH OPENING HEIGHT | FRAME HEIGHT | GLASS HEIGHT   | DAYLIGHT OPENING |
| 18             | 36 3/4" (933)       | 36" (914)           | 13 11/16" (348)  | 12 13/16" (325)  | 18              | 18 3/4" (476)        | 18" (457)    | 12 1/8" (308)  | 11" (279)        |
| 20             | 40 3/4" (1035)      | 40" (1016)          | 15 11/16" (398)  | 14 13/16" (376)  | 20              | 20 3/4" (527)        | 20" (508)    | 14 1/8" (359)  | 13" (330)        |
| 24             | 48 3/4" (1238)      | 48" (1219)          | 19 11/16" (500)  | 18 13/16" (478)  | 24              | 24 3/4" (629)        | 24" (610)    | 18 1/8" (460)  | 17" (432)        |
| 28             | 56 3/4" (1441)      | 56" (1422)          | 23 11/16" (602)  | 22 13/16" (579)  | 28              | 28 3/4" (730)        | 28" (711)    | 22 1/8" (562)  | 21" (533)        |
| 30             | 60 3/4" (1543)      | 60" (1524)          | 25 11/16" (652)  | 24 13/16" (630)  | 30              | 30 3/4" (781)        | 30" (762)    | 24 1/8" (613)  | 23" (584)        |
| 32             | 64 3/4" (1645)      | 64" (1626)          | 27 11/16" (703)  | 26 13/16" (681)  | 32              | 32 3/4" (832)        | 32" (813)    | 26 1/8" (664)  | 25" (635)        |
| 36             | 72 3/4" (1848)      | 72" (1829)          | 31 11/16" (805)  | 30 13/16" (783)  | 36              | 36 3/4" (933)        | 36" (914)    | 30 1/8" (765)  | 29" (737)        |
| 42             | 84 3/4" (2153)      | 84" (2134)          | 37 11/16" (957)  | 36 13/16" (935)  | 42              | 42 3/4" (1086)       | 42" (1067)   | 36 1/8" (918)  | 35" (889)        |
| 48             | 96 3/4" (2457)      | 96" (2438)          | 43 11/16" (1110) | 42 13/16" (1087) | 48              | 48 3/4" (1238)       | 48" (1219)   | 42 1/8" (1070) | 41" (1041)       |
| 54             | 108 3/4" (2762)     | 108" (2743)         | 49 11/16" (1262) | 48 13/16" (1240) | 54              | 54 3/4" (1391)       | 54" (1372)   | 48 1/8" (1222) | 47" (1194)       |
| 60             | 120 3/4" (3067)     | 120" (3048)         | 55 11/16" (1414) | 54 13/16" (1392) | 60              | 60 3/4" (1543)       | 60" (1524)   | 54 1/8" (1375) | 53" (1346)       |
| 72             | 144 3/4" (3677)     | 144" (3658)         | 67 11/16" (1719) | 66 13/16" (1697) |                 |                      |              |                |                  |

Operations available: Operating or Stationary

Chart reflects standard sizes. Custom sizes available in 1/16" increments.

Note: For standard CAD layout elevations, visit [www.SierraPacificWindows.com](http://www.SierraPacificWindows.com)

Elevations Viewed from Exterior



Example: C-SPCSE-3624-3

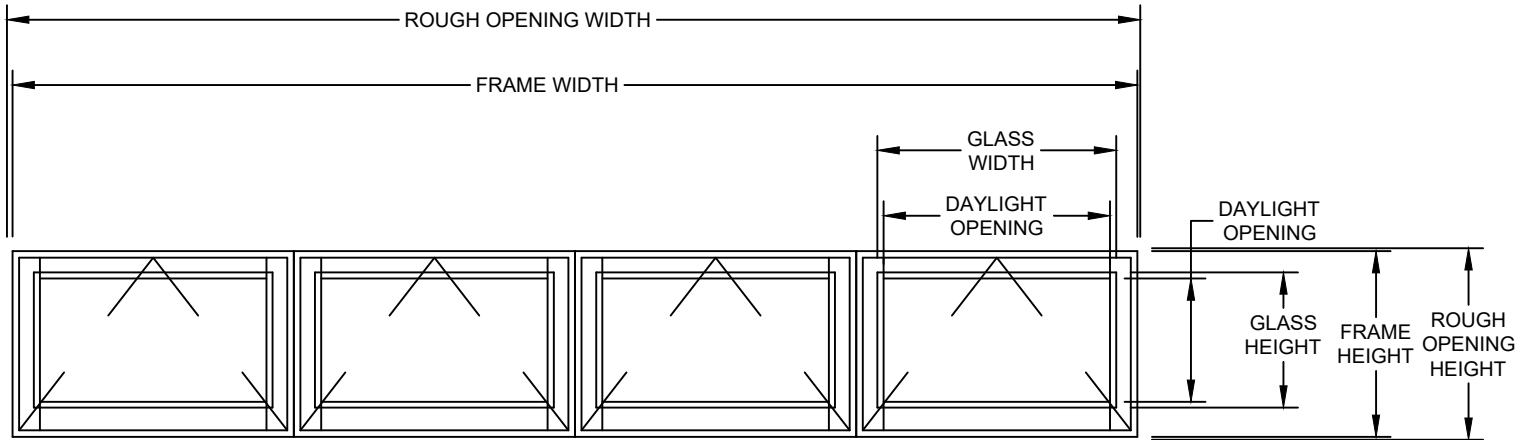
| 3-Wide Width   |                     |                     |                  |                  | Height          |                      |              |                |                  |
|----------------|---------------------|---------------------|------------------|------------------|-----------------|----------------------|--------------|----------------|------------------|
| CALL OUT WIDTH | ROUGH OPENING WIDTH | OVERALL FRAME WIDTH | GLASS WIDTH      | DAYLIGHT OPENING | CALL OUT HEIGHT | ROUGH OPENING HEIGHT | FRAME HEIGHT | GLASS HEIGHT   | DAYLIGHT OPENING |
| 18             | 54 3/4" (1391)      | 54" (1372)          | 13 11/16" (348)  | 12 13/16" (325)  | 18              | 18 3/4" (476)        | 18" (457)    | 12 1/8" (308)  | 11" (279)        |
| 20             | 60 3/4" (1543)      | 60" (1524)          | 15 11/16" (398)  | 14 13/16" (376)  | 20              | 20 3/4" (527)        | 20" (508)    | 14 1/8" (359)  | 13" (330)        |
| 24             | 72 3/4" (1848)      | 72" (1829)          | 19 11/16" (500)  | 18 13/16" (478)  | 24              | 24 3/4" (629)        | 24" (610)    | 18 1/8" (460)  | 17" (432)        |
| 28             | 84 3/4" (2153)      | 84" (2134)          | 23 11/16" (602)  | 22 13/16" (579)  | 28              | 28 3/4" (730)        | 28" (711)    | 22 1/8" (562)  | 21" (533)        |
| 30             | 90 3/4" (2305)      | 90" (2286)          | 25 11/16" (652)  | 24 13/16" (630)  | 30              | 30 3/4" (781)        | 30" (762)    | 24 1/8" (613)  | 23" (584)        |
| 32             | 96 3/4" (2457)      | 96" (2438)          | 27 11/16" (703)  | 26 13/16" (681)  | 32              | 32 3/4" (832)        | 32" (813)    | 26 1/8" (664)  | 25" (635)        |
| 36             | 108 3/4" (2762)     | 108" (2743)         | 31 11/16" (805)  | 30 13/16" (783)  | 36              | 36 3/4" (933)        | 36" (914)    | 30 1/8" (765)  | 29" (737)        |
| 42             | 126 3/4" (3219)     | 126" (3200)         | 37 11/16" (957)  | 36 13/16" (935)  | 42              | 42 3/4" (1086)       | 42" (1067)   | 36 1/8" (918)  | 35" (889)        |
| 48             | 144 3/4" (3677)     | 144" (3658)         | 43 11/16" (1110) | 42 13/16" (1087) | 48              | 48 3/4" (1238)       | 48" (1219)   | 42 1/8" (1070) | 41" (1041)       |
|                |                     |                     |                  |                  | 54              | 54 3/4" (1391)       | 54" (1372)   | 48 1/8" (1222) | 47" (1194)       |
|                |                     |                     |                  |                  | 60              | 60 3/4" (1543)       | 60" (1524)   | 54 1/8" (1375) | 53" (1346)       |

Operations available: Operating or Stationary

Chart reflects standard sizes. Custom sizes available in 1/16" increments.

Note: For standard CAD layout elevations, visit [www.SierraPacificWindows.com](http://www.SierraPacificWindows.com)

Elevations Viewed from Exterior



Example: C-SPCSE-3624-4

| 4-Wide Width   |                     |                     |                 |                  | Height          |                      |              |                |                  |
|----------------|---------------------|---------------------|-----------------|------------------|-----------------|----------------------|--------------|----------------|------------------|
| CALL OUT WIDTH | ROUGH OPENING WIDTH | OVERALL FRAME WIDTH | GLASS WIDTH     | DAYLIGHT OPENING | CALL OUT HEIGHT | ROUGH OPENING HEIGHT | FRAME HEIGHT | GLASS HEIGHT   | DAYLIGHT OPENING |
| 18             | 72 3/4" (1848)      | 72" (1829)          | 13 11/16" (348) | 12 13/16" (325)  | 18              | 18 3/4" (476)        | 18" (457)    | 12 1/8" (308)  | 11" (279)        |
| 24             | 96 3/4" (2457)      | 96" (2438)          | 19 11/16" (500) | 18 13/16" (478)  | 20              | 20 3/4" (527)        | 20" (508)    | 14 1/8" (359)  | 13" (330)        |
| 28             | 112 3/4" (2864)     | 112" (2845)         | 23 11/16" (602) | 22 13/16" (579)  | 24              | 24 3/4" (629)        | 24" (610)    | 18 1/8" (460)  | 17" (432)        |
| 30             | 120 3/4" (3067)     | 120" (3048)         | 25 11/16" (652) | 24 13/16" (630)  | 28              | 28 3/4" (730)        | 28" (711)    | 22 1/8" (562)  | 21" (533)        |
| 32             | 128 3/4" (3270)     | 128" (3251)         | 27 11/16" (703) | 26 13/16" (681)  | 30              | 30 3/4" (781)        | 30" (762)    | 24 1/8" (613)  | 23" (584)        |
| 36             | 144 3/4" (3677)     | 144" (3658)         | 31 11/16" (805) | 30 13/16" (783)  | 32              | 32 3/4" (832)        | 32" (813)    | 26 1/8" (664)  | 25" (635)        |
|                |                     |                     |                 |                  | 36              | 36 3/4" (933)        | 36" (914)    | 30 1/8" (765)  | 29" (737)        |
|                |                     |                     |                 |                  | 42              | 42 3/4" (1086)       | 42" (1067)   | 36 1/8" (918)  | 35" (889)        |
|                |                     |                     |                 |                  | 48              | 48 3/4" (1238)       | 48" (1219)   | 42 1/8" (1070) | 41" (1041)       |
|                |                     |                     |                 |                  | 54              | 54 3/4" (1391)       | 54" (1372)   | 48 1/8" (1222) | 47" (1194)       |
|                |                     |                     |                 |                  | 60              | 60 3/4" (1543)       | 60" (1524)   | 54 1/8" (1375) | 53" (1346)       |

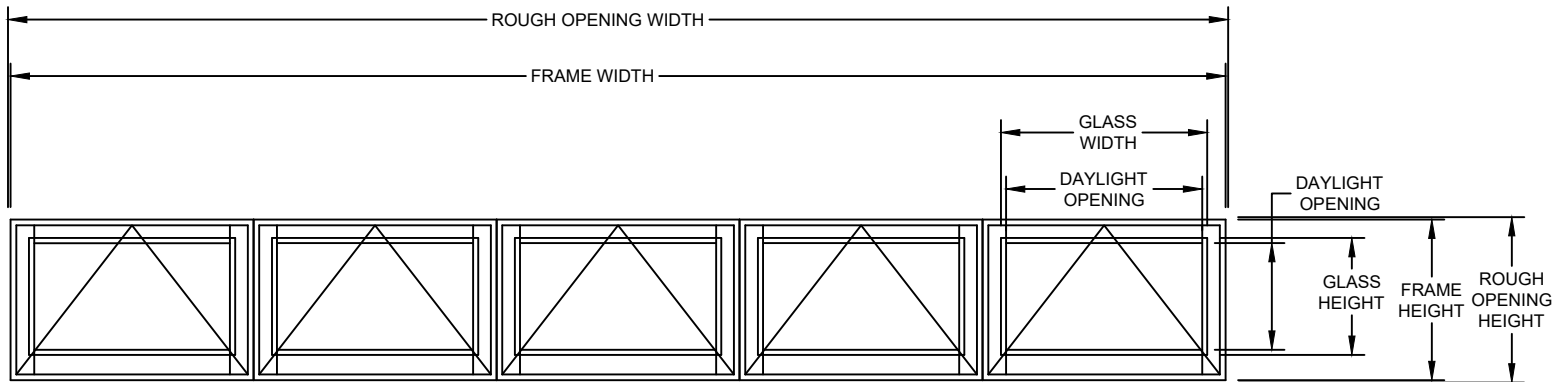
Operations available: Operating or Stationary

Chart reflects standard sizes. Custom sizes available in 1/16" increments.

Note: For standard CAD layout elevations, visit [www.SierraPacificWindows.com](http://www.SierraPacificWindows.com)

Elevations Viewed from Exterior





Example: C-SPCSE-3624-5

| 5-Wide Width   |                     |                     |                 |                  | Height          |                      |              |                |                  |
|----------------|---------------------|---------------------|-----------------|------------------|-----------------|----------------------|--------------|----------------|------------------|
| CALL OUT WIDTH | ROUGH OPENING WIDTH | OVERALL FRAME WIDTH | GLASS WIDTH     | DAYLIGHT OPENING | CALL OUT HEIGHT | ROUGH OPENING HEIGHT | FRAME HEIGHT | GLASS HEIGHT   | DAYLIGHT OPENING |
| 18             | 90 3/4" (2305)      | 90" (2286)          | 13 11/16" (348) | 12 13/16" (325)  | 18              | 18 3/4" (476)        | 18" (457)    | 12 1/8" (308)  | 11" (279)        |
| 20             | 100 3/4" (2559)     | 100" (2540)         | 15 11/16" (398) | 14 13/16" (376)  | 20              | 20 3/4" (527)        | 20" (508)    | 14 1/8" (359)  | 13" (330)        |
| 24             | 120 3/4" (3067)     | 120" (3048)         | 19 11/16" (500) | 18 13/16" (478)  | 24              | 24 3/4" (629)        | 24" (610)    | 18 1/8" (460)  | 17" (432)        |
| 28             | 140 3/4" (3575)     | 140" (3556)         | 23 11/16" (602) | 22 13/16" (579)  | 28              | 28 3/4" (730)        | 28" (711)    | 22 1/8" (562)  | 21" (533)        |
|                |                     |                     |                 |                  | 30              | 30 3/4" (781)        | 30" (762)    | 24 1/8" (613)  | 23" (584)        |
|                |                     |                     |                 |                  | 32              | 32 3/4" (832)        | 32" (813)    | 26 1/8" (664)  | 25" (635)        |
|                |                     |                     |                 |                  | 36              | 36 3/4" (933)        | 36" (914)    | 30 1/8" (765)  | 29" (737)        |
|                |                     |                     |                 |                  | 42              | 42 3/4" (1086)       | 42" (1067)   | 36 1/8" (918)  | 35" (889)        |
|                |                     |                     |                 |                  | 48              | 48 3/4" (1238)       | 48" (1219)   | 42 1/8" (1070) | 41" (1041)       |
|                |                     |                     |                 |                  | 54              | 54 3/4" (1391)       | 54" (1372)   | 48 1/8" (1222) | 47" (1194)       |
|                |                     |                     |                 |                  | 60              | 60 3/4" (1543)       | 60" (1524)   | 54 1/8" (1375) | 53" (1346)       |

Operations available: Operating or Stationary

Chart reflects standard sizes. Custom sizes available in 1/16" increments.

Note: For standard CAD layout elevations, visit [www.SierraPacificWindows.com](http://www.SierraPacificWindows.com)

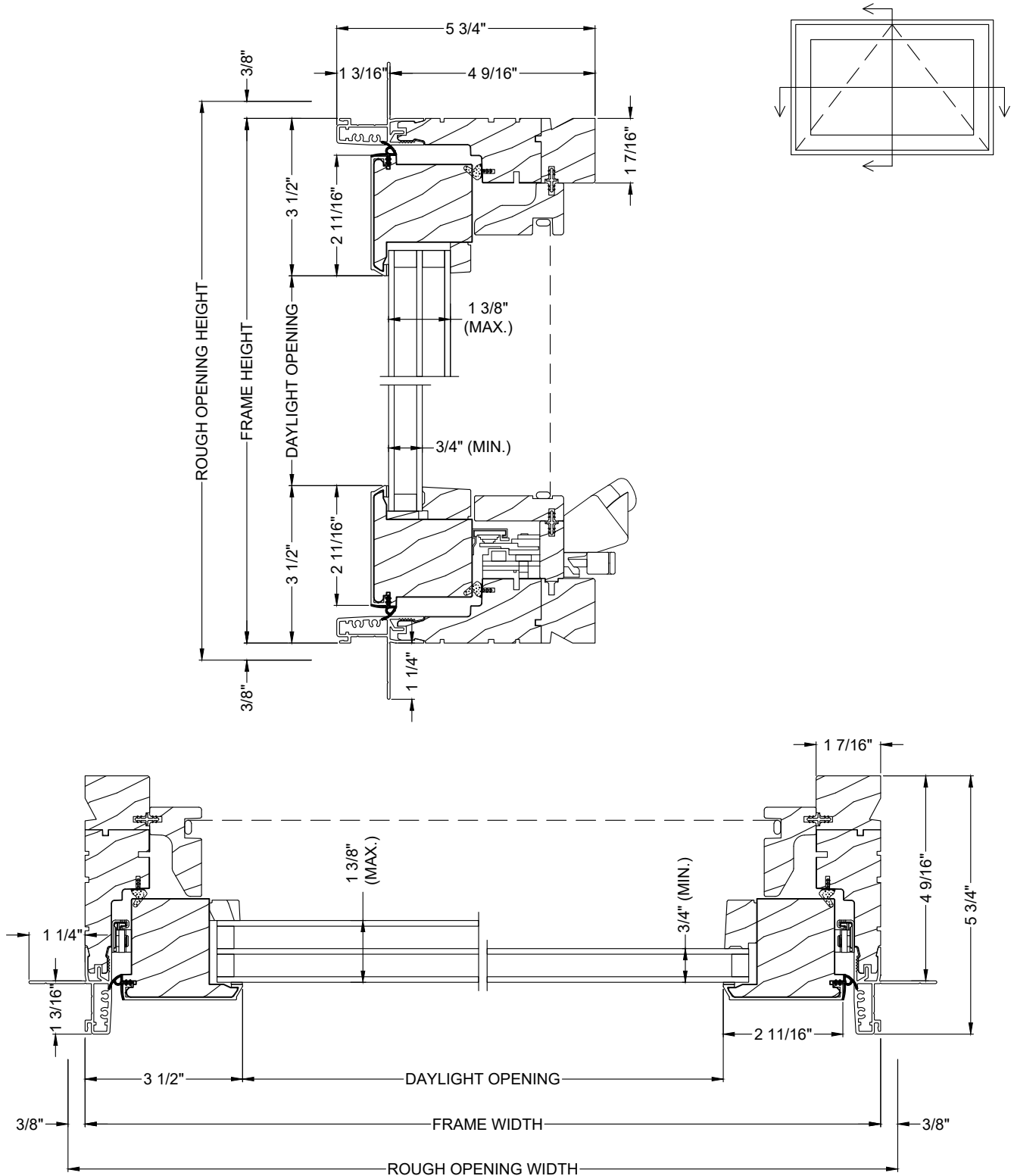
Elevations Viewed from Exterior

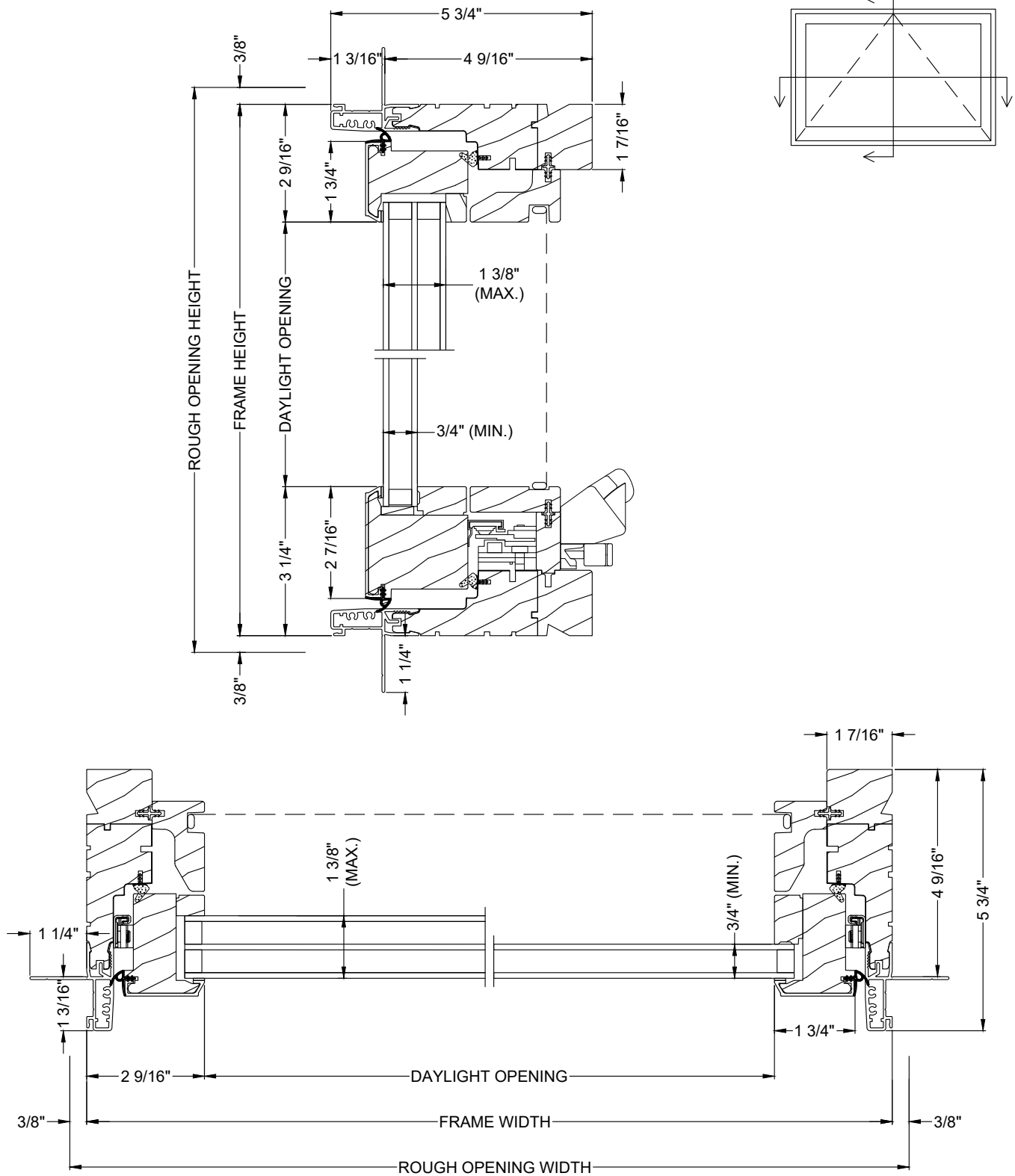


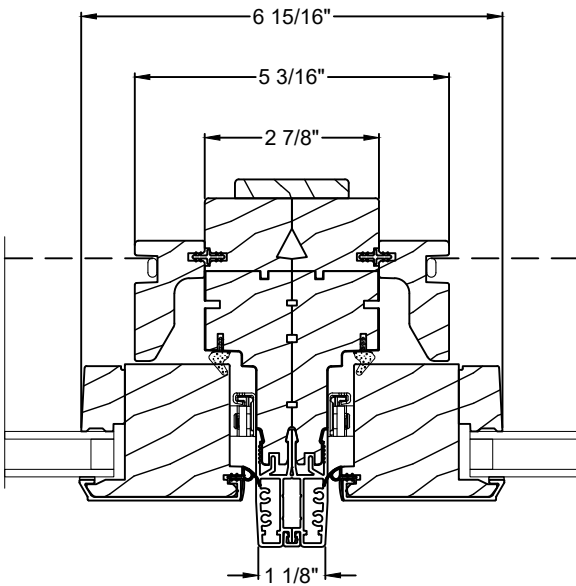
## SECTION 5

# SECTION VIEWS

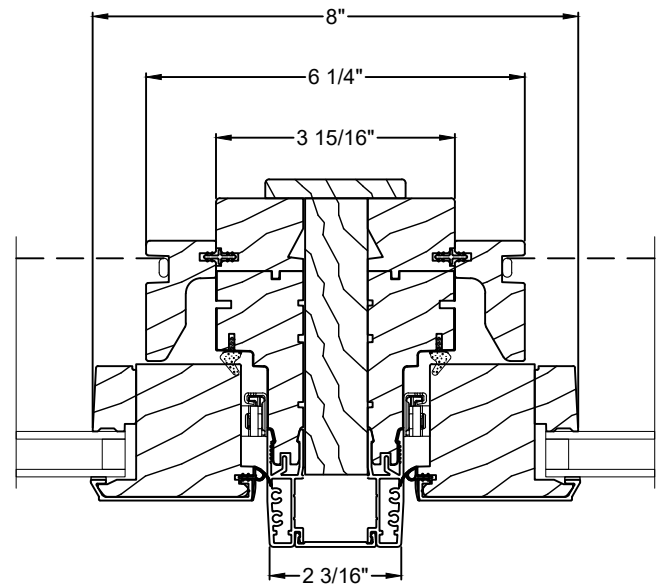




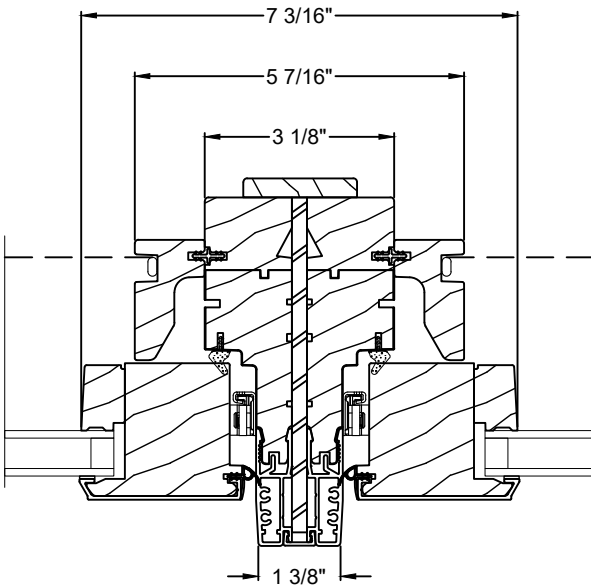




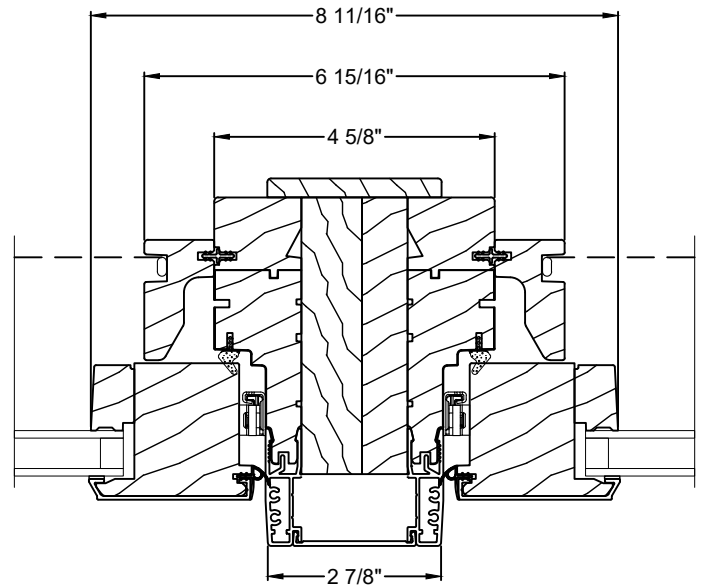
Tight Mull



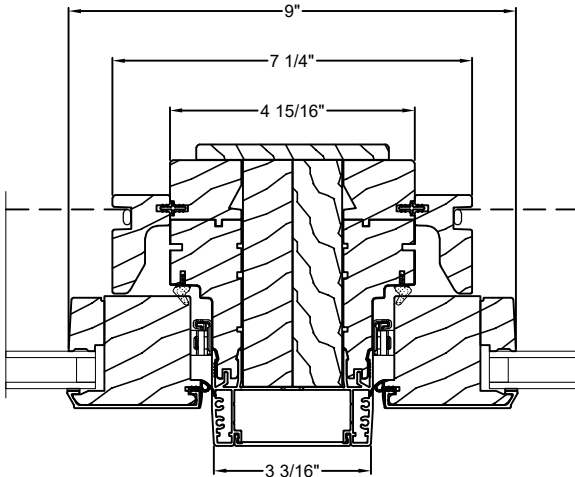
1" Solid  
Spread Mull



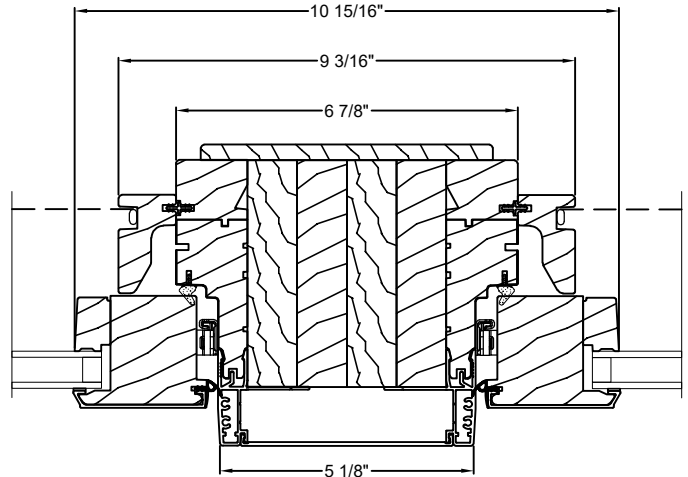
1/4" Plate  
Mull



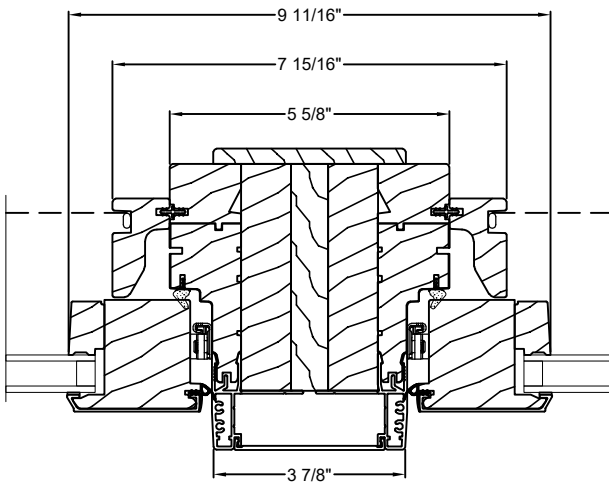
1 3/4" Solid  
Spread Mull



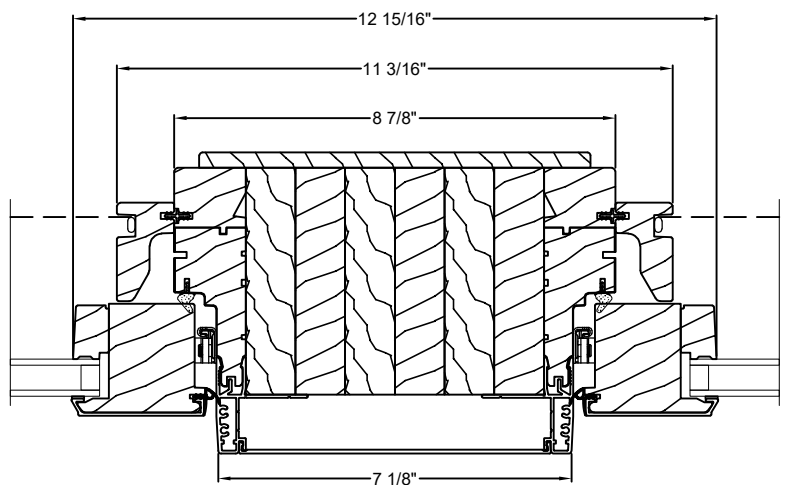
2" Solid  
Spread Mull



2 3/4" Solid  
Spread Mull



4" Solid  
Spread Mull



6" Solid  
Spread Mull





## SECTION 6

# REVIT MODELS

Click [HERE](#) for the Clad Awning Revit Models



## SECTION 7

# RELATIVE DIMENSIONS AND FORMULAS

| Sierra Pacific Clad Awning-Narrow Sash |                     |                                              |                                             |                                                |                                                |
|----------------------------------------|---------------------|----------------------------------------------|---------------------------------------------|------------------------------------------------|------------------------------------------------|
| REQUIRED DIMENSIONS & FORMULAS         |                     |                                              |                                             |                                                |                                                |
| KNOWN DIMENSIONS                       |                     | GLASS SIZE (actual)                          | FRAME SIZE                                  | SASH SIZE                                      | DAYLIGHT OPENING                               |
|                                        | GLASS SIZE (actual) |                                              | Glass Width + 4.3125"<br>Glass Height + 5"  | Glass Width + 2.6875"<br>Glass Height + 3.375" | Glass Width - .875"<br>Glass Height - .875"    |
|                                        | FRAME SIZE          | Frame Width - 4.3125"<br>Frame Height - 5"   |                                             | Frame Width - 1.625"<br>Frame Height - 1.625"  | Frame Width - 5.1875"<br>Frame Height - 5.875" |
|                                        | SASH SIZE           | Sash Width - 2.6875"<br>Sash Height - 3.375" | Sash Width + 1.625"<br>Sash Height + 1.625" |                                                | Sash Width - 3.5625"<br>Sash Height - 4.25"    |
|                                        | DAYLIGHT OPENING    | DLO Width + .875"<br>DLO Height + .875"      | DLO Width + 5.1875"<br>DLO Height + 5.875"  | DLO Width + 3.5625"<br>DLO Height + 4.25"      |                                                |

Note: Frame width or height + 3/4" equals Rough Opening

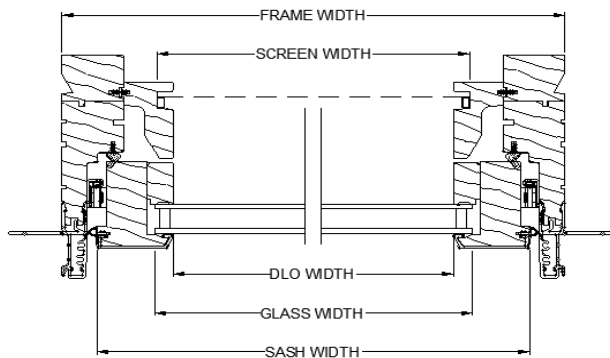
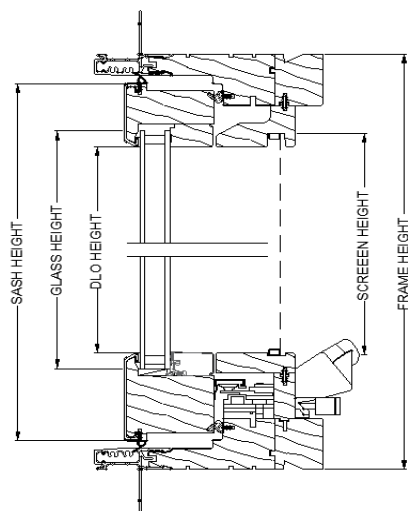
| Sierra Pacific Clad Awning-Wide Sash |                     |                                               |                                               |                                               |                                               |
|--------------------------------------|---------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| REQUIRED DIMENSIONS & FORMULAS       |                     |                                               |                                               |                                               |                                               |
| KNOWN DIMENSIONS                     |                     | GLASS SIZE (actual)                           | FRAME SIZE                                    | SASH SIZE                                     | DAYLIGHT OPENING                              |
|                                      | GLASS SIZE (actual) |                                               | Glass Width + 5.875"<br>Glass Height + 5.875" | Glass Width + 4.25"<br>Glass Height + 4.25"   | Glass Width - 1.125"<br>Glass Height - 1.125" |
|                                      | FRAME SIZE          | Frame Width - 5.875"<br>Frame Height - 5.875" |                                               | Frame Width - 1.625"<br>Frame Height - 1.625" | Frame Width - 7"<br>Frame Height - 7"         |
|                                      | SASH SIZE           | Sash Width - 4.25"<br>Sash Height - 4.25"     | Sash Width + 1.625"<br>Sash Height + 1.625"   |                                               | Sash Width - 5.375"<br>Sash Height - 5.375"   |
|                                      | DAYLIGHT OPENING    | DLO Width + 1.125"<br>DLO Height + 1.125"     | DLO Width + 7"<br>DLO Height + 7"             | DLO Width + 5.375"<br>DLO Height + 5.375"     |                                               |

Note: Frame width or height + 3/4" equals Rough Opening

| Flexscreen Screen (3-sided capture)                    |                       |
|--------------------------------------------------------|-----------------------|
| Screen size >25" x 25" or                              |                       |
| Screen size one side ≥12 and <20 and ratio ≥2:1 or     |                       |
| Screen size one side not ≥12 and one <20, ratio ≥1.5:1 |                       |
| Frame Width - 4.75"                                    | Frame Height - 5.625" |
| Flexscreen Screen (2-sided capture)                    |                       |
| Screen size <25" x 25", ratio <1.5:1 or                |                       |
| Screen size one side <12 and one >20, ratio <2:1       |                       |
| Frame Width - 4.8125"                                  | Frame Height - 5.625" |

| Retractable Screen Size |                       |
|-------------------------|-----------------------|
| Frame Width - 4.434"    | Frame Height - 4.715" |

| Minimum/Maximum Frame Sizes             |                       |
|-----------------------------------------|-----------------------|
| Min. Frame Width 16.5"                  | Min. Frame Height 18" |
| Max. Frame Width 72"                    | Max. Frame Height 60" |
| Maximum Square Footage - 25             |                       |
| Max. Square Footage w/Triple Glaze - 18 |                       |



Narrow Sash Shown



## SECTION 8

# PERFORMANCE DATA - NFRC



Information Coming Soon



## SECTION 9

# PERFORMANCE DATA – STC/OITC



Information Coming Soon



## SECTION 10

# PERFORMANCE DATA – AIR/WATER/STRUCTURAL

Information Coming Soon