



HOME STYLE PATTERN BOOK

Craftsman Bungalow

An Arts & Crafts Selection from the Andersen Style Library

Andersen.

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THE ANDERSEN® ARCHITECTURAL COLLECTION

The Architectural Collection is an industry-leading, innovative approach to windows and doors that's based not on the type of window or door, but rather on the style of home you want to create.

Consisting of Andersen® A-Series and E-Series/Eagle® products, the collection offers two approaches to attaining authentic architectural style.

A-Series products were designed in conjunction with leading architects. These windows and doors feature a unique system of options that work seamlessly together, allowing you to produce virtually any style with ease.

E-Series/Eagle windows and doors are made to your exact specifications and give you unmatched design freedom within the architectural style you've chosen. They allow you to create dramatic shapes and sizes, and feature 50 standard colors, custom colors, plus a wide range of interior wood species.

With the Architectural Collection, you have the tools that make it easier to design and build today's most popular, time-proven architectural styles.







ANDERSEN HOME STYLE PATTERN BOOKS

Since ancient Roman times, architects have relied on the use of pattern books to outline the principles and formulas of architectural styles.

These early documents recorded the building patterns that were deemed to be best, and were important tools for architects of the day in their communication with other architects, as well as builders, clients, rulers and politicians.

Today, there is a renewed interest in pattern books as planners and developers look to build new communities by learning from the successes of the past. Andersen is committed to making this type of great architectural design more attainable through our products, tools and services.

Pattern books from the Andersen Style Library present quintessential details of the most popular American architectural styles, with an emphasis on window and door design. The result of years of research, they exist to make it easier to create homes with architectural authenticity.

For more information on the Andersen Style Library, visit andersenwindows.com/stylelibrary.







The Craftsman Bungalow Home



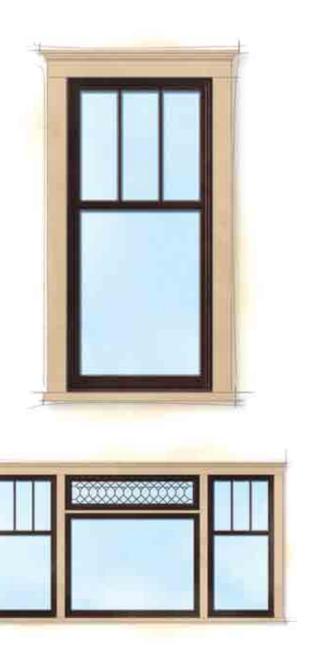
The Craftsman Bungalow home is one of the most common house styles that emerged from the traditions of the Arts & Crafts movement of the early 20th century. In fact, it was the dominant style for smaller houses built throughout America from about 1905 to 1920, and still enjoys great popularity today. The form of the houses that were considered bungalows evolved to include all 1- or $1\frac{1}{2}$ -story homes built in the Arts & Crafts style during that time period.

It's ironic that the design aesthetic of the Arts & Crafts movement was swept up and embraced by industrialization, since the origins of the movement were anti-industrial. The net effect, however, was to make the movement much more accessible to the lower and middle classes, with Sears, Roebuck & Co. and Aladdin both famous for selling Bungalow kit homes.



ESSENTIAL STYLE ELEMENTS

- Shallow-pitched roofs with deep overhangs and exposed rafter tails at the eave overhang
- Decorative brackets at the rake overhang
- Deep, broad porch elements with expressive structural components such as rafters, brackets and columns
- A mixture of materials such as brick, shingles and siding



EXTERIOR COLOR PALETTE



Sandtone



Terratone®



Cocoa Bean



Canvas

Prairie Grass

Dark Bronze



Forest Green



Red Rock

Quintessential Windows

While Craftsman Bungalow homes utilize a variety of window types, some themes remain consistent within the style.

Double-hung windows with stained wood interiors are predominant, but casement windows are also common. The windows are typically vertical in proportion, although single-opening accent windows do not always follow this rule (see page 11 for more on accent windows).

Grilles are used in the upper windows and are vertically proportioned or square. Grilles are never horizontal, even in accent windows.





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Quintessential Doors

Craftsman Bungalow homes typically have one main entry door, although there can be numerous auxiliary doors leading to patios, decks, the backyard or a side yard. Both main entry and auxiliary doors are rectangular.

The appearance of main entry doors ranges from plain to fancy and does not necessarily correspond to the overall elaborateness of the home. The main entry is most often a single inswing door. For an opening that is wider than standard dimensions, a single door is widened within buildable limits. Double doors are appropriate only in auxiliary locations, never on the front facade, and are typically hinged.

Due to the reverence for wood in the Arts & Crafts movement, Craftsman Bungalow doors typically feature stained wood and are rarely painted. Stained wood also helps accentuate any use of art glass, which is common to doors of this style.





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Color Combinations

• ANDERSEN AUTHENTICITY •

Andersen® E-Series/Eagle® windows make it easy to match other building materials and to complement your color palette. They're available in 50 exterior colors, plus custom colors for unlimited possibilities.

To match existing interiors, E-Series/Eagle products allow you to specify virtually any wood species in a range of finishes. Or choose a custom stain for an exact match.



Primary Windows

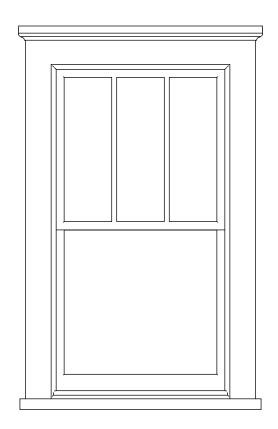
There is a lot of variety among the primary windows in the Craftsman Bungalow home. Since the style is on the informal end of the traditional architectural spectrum, windowpane proportions from one window to the next can vary as much as 20 percent.

However, there are typical proportion ratios for the quintessential Craftsman Bungalow, as shown here. Note the difference in ratios between the first and second floors.

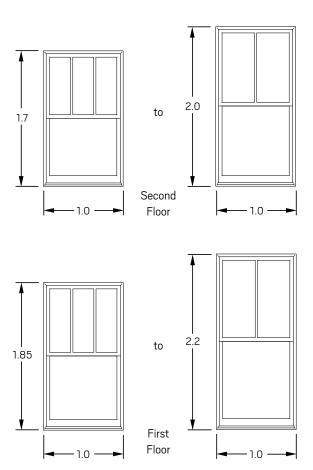
• ANDERSEN AUTHENTICITY •

Andersen® Architectural Collection windows are available in custom sizes. Both the primary windows shown here and accent windows shown on the opposite page can be ordered to the specifications your Craftsman Bungalow designs require.

QUINTESSENTIAL PRIMARY WINDOW WITH TRIM



Typical Proportion Ratios

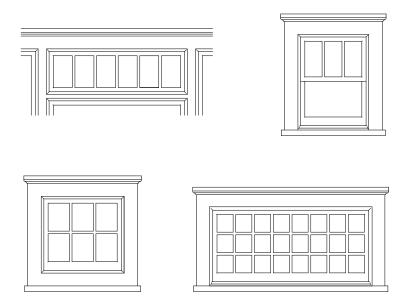


Accent Windows

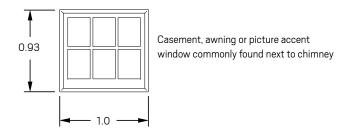
A favorite location for accent windows in the typical Craftsman Bungalow home is on either side of the fireplace. These are traditionally casement windows and are usually slightly wider than tall (unlike primary windows, which are almost always vertically proportioned). Although not traditional, awning and picture windows may be substituted, as they look identical when they're in the closed position. If double-hung windows are used as accents, they should be short but taller than they are wide.

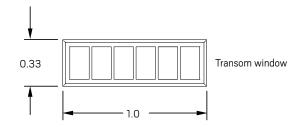
In dormers and gables, the quintessential Craftsman Bungalow often uses single accent windows with an even more pronounced horizontal proportion. Otherwise, three to five square-shaped windows, or two to five vertically proportioned windows, may be mulled together to create a band.

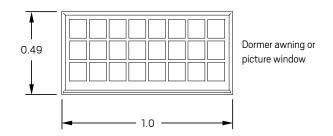
OUINTESSENTIAL ACCENT WINDOWS WITH TRIM

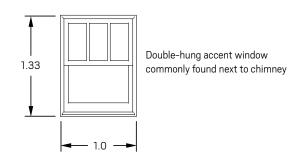


Typical Proportion Ratios









Window Groupings

The Craftsman Bungalow style utilizes equal-sized double-hung or casement windows joined together by mullions. A grouping of three windows is most common. Occasionally only two windows can be mulled together, but usually no more than five.

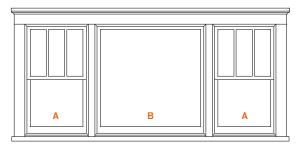
A second type of grouping (see illustrations) is the triple front window, either with or without transom windows. Instead of equal-sized windows, this configuration uses an A-B-A pattern with a B unit (often a stationary window) that is wider than the A units. It is used as a feature on the front of the house. When transom units are used, they are usually rectangular. Craftsman Bungalow homes with a Mission style influence, however, may use segmentally arched transom windows. Glazing in transom windows varies from clear glass to art glass.

A third common grouping is a single door flanked by either double-hung windows or casement windows.

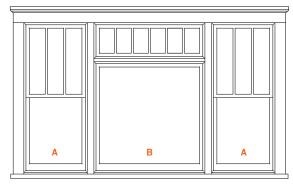
• ANDERSEN AUTHENTICITY •

Every A-Series product from the Andersen® Architectural Collection features common design elements to make creating authentic window groupings easier.

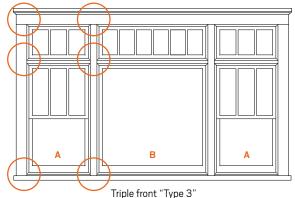
With A-Series products, you can specify different window types, like those shown in the triple front window groupings, and still have their sash design, grille profiles, glass setback, sight lines and frame depth match and align perfectly.



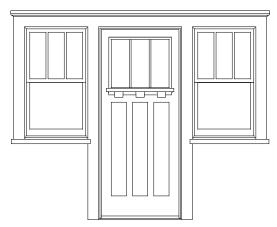
Triple front "Type 1"



Triple front "Type 2"



Circled Areas — See Typical Trim Conditions details on page 13

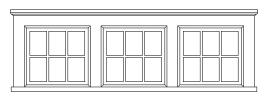


Entry door with double-hung window flankers

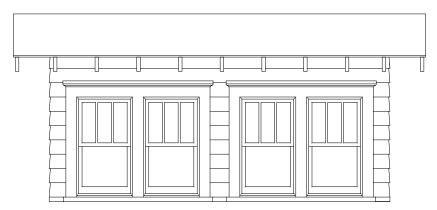


Three-wide double-hung window grouping.

Typical windows measure between 3' and 5' in height.



This grouping is commonly found in dormers. As a single accent unit, this window would also be common on either side of a chimney.

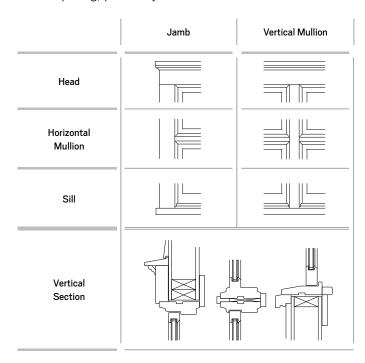


Wide shed dormer with multiple two-wide double-hung window groupings.

Typical dormer windows measure between 3' and 4' in height.

TYPICAL TRIM CONDITIONS

For an authentic appearance, double-hung windows should utilize a wide mullion spacing. Inversely, casement windows are most authentic with a narrower mullion spacing, preferably 4" or less.



Sash & Grille Design

Craftsman Bungalow style windows offer rich character that greatly contributes to the overall look of the home.

The sash thickness is traditionally $1^{3}/8$ " with a deep glass setback placed near the middle of that measurement. Additionally, grille profiles are alike on the interior and the exterior respectively.

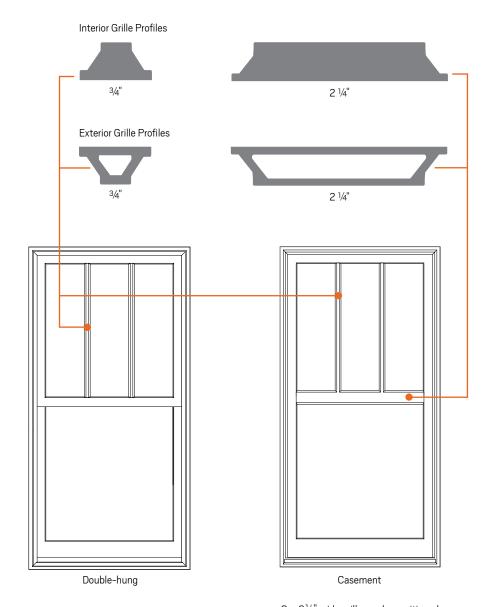
For double-hung windows, the top rail of the sash should be the same width as the stiles. Also, the bottom rail should be wider than the stiles and the top rail.

• ANDERSEN AUTHENTICITY •

Andersen® A-Series windows were designed in conjunction with leading architects. As such, double-hung, casement and picture windows feature these sash and grille details for architectural authenticity:

- Bottom rail of the sash is wider than the stiles and top rail
- · A deep glass setback for historical accuracy
- Grille profile faces that are flush with the sash face to simulate traditional wood muntins
- Exterior grille profiles accurately simulate the look of putty glazing on a historic window

Andersen products allow you to specify custom grille patterns, making it easy to create an exact match in historical applications.



Our 2¹/₄" wide grille can be positioned horizontally across a casement window to simulate the look of a double-hung window.

Grille Patterns

The grille patterns shown here are optimized to produce an authentic look based on traditional patterns of pane proportion and size. When applicable, the placement of the center of the wide horizontal muntin occurs at 3/10 of the overall visible glass dimension as measured from the top of the overall visible glass. Panes should have vertical proportions. Additional rules for pane height to width are as follows:

Double-Hung Windows

Primary	Accent
Minimum: 2:1	Minimum: 1.5:1
Maximum: 3.6:1	Maximum: 2.4:1

Casement and Awning Windows

Primary		Accent	
Minimum:	1:1	Minimum:	1:1.5
Maximum:	1:2.25	Maximum:	1:3.7

Picture Windows

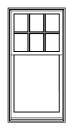
Primary		Accent	
Minimum:	1:1	Minimum:	1:1.5
Maximum:	1:2.25	Maximum:	1:3.7

Casement vs. Awning

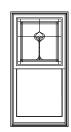
Awning windows were not a traditional window type. However, they may be used in place of casement windows in a modern home without compromising the quintessential look of this style.

ALTERNATIVE DOUBLE-HUNG WINDOW GRILLE PATTERNS

Primary Windows



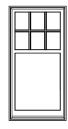
6-pane top sash 6-pane unequal top sash



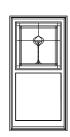
Art glass in top sash

ALTERNATIVE CASEMENT AND AWNING WINDOW GRILLE PATTERNS

Primary Windows



Number of panes depends on unit Art glass in top sash size. Heavy horizontal muntin for simulated double-hung.



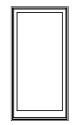
Accent Windows



Art glass in accent window

ALTERNATIVE PICTURE WINDOW GRILLE PATTERNS

Primary Windows



Picture window without grilles

Accent Windows



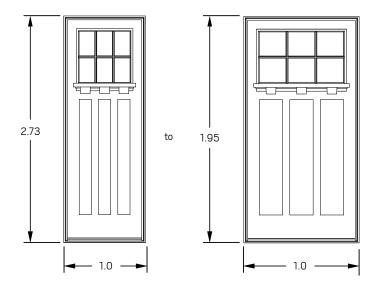
Art glass in accent window

Door Proportions

The Craftsman Bungalow's main entry door panel is often wider than the door panels used in other entry locations, but it is not noticeably taller.

The proportions are drawn from fundamental structural needs, resulting in extraordinarily linear compositions. Head rail and vertical stile widths are often identical, while the intermediate vertical members are slightly smaller. The bottom rail is sized one or two times wider than the vertical stiles.

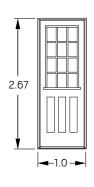
TYPICAL PROPORTION RATIOS - MAIN DOORS

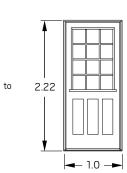


Note: Drawings shown are to denoted proportions

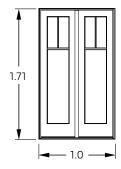
TYPICAL PROPORTION RATIOS - AUXILIARY DOORS

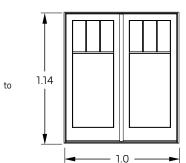
Auxiliary Single Door

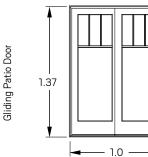


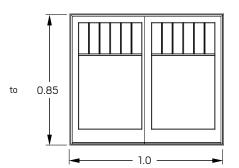


Hinged Patio Door



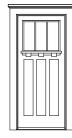






Main Entries with Trim

The earliest Craftsman Bungalow homes had standalone front doors with glazing in the upper third of the door. It is also acceptable for the front door to be paired with sidelights or windows. Historically, sidelights were actually narrow doors with glass and could be opened. Today, standard sidelights are common. Transoms are rarely used. When they are used, they have low profiles and extend to the sidelights, utilizing three individual transom units.







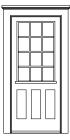


Main door With sidel and transoms

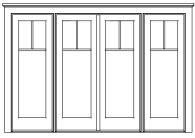
Main door with sidelights

Auxiliary Entries with Trim

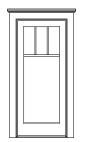
Auxiliary entry doors, including patio doors, can stand alone or be paired with sidelights. Although sidelights were historically full-sized windows, narrower sidelights are now common. Transoms are rarely used. When they are used, they have low profiles.



Side door



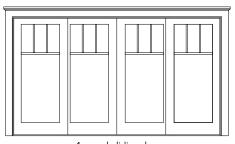
2-panel inswing/outswing door with sidelights



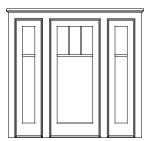
Single-panel inswing/ outswing door



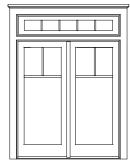
Gliding door (also possible with transom)



4-panel gliding door



Single-panel inswing/outswing door with sidelights



2-panel inswing/outswing door with transom window (also possible without transom)

Window Hardware

Craftsman Bungalow window hardware is known for its functionality. Hinges, sash lifts and locks are integral to the style, and any decorative elements are simple and understated. The most popular hardware finishes are black, distressed bronze and distressed nickel.

DOUBLE-HUNG HARDWARE



CASEMENT HARDWARE





Black



Andersen® casement window in pine with Clear Coat finish. Folding handle shown in Black.*

WINDOW HARDWARE FINISH OPTIONS



Black Distressed

Bronze



Distressed

Nickel



Gold Dust



Oil Rubbed

Bronze



Printing limitations prevent exact finish replication. Please see your Andersen dealer for actual finish samples.

Door Hardware

Craftsman Bungalow doors feature substantially sized hardware usually in black, distressed bronze or distressed nickel finish. Commonly, an opener, deadbolt, door knocker, mail slot and house number appear on front doors. Each component, such as the opener and deadbolt, is historically a stand-alone element. A thumb latch opener is typical on the front door exterior, while oval-shaped knobs are common on the interior. Amber-colored glass knobs are occasionally used on the interior. A large door knocker is mounted at the center of the front door and is a trademark of the Craftsman Bungalow. If the door can accommodate it, a mail slot is common below the door knocker. Otherwise, a mail slot or compact-sized mailbox is placed immediately adjacent to the door. House numbers are always mounted directly above the door on the head trim. The doorbell is typically housed in the door's jamb trim.

• ANDERSEN AUTHENTICITY •

Andersen offers a choice of patio door hardware* styles that complement Craftsman Bungalow homes. Yuma® hardware features a rectangular escutcheon plate and smoothly curved handgrips that are traditional within the style, while Albany offers a slightly rounded plate and straight handles but still with a very crafted look.

DOOR HARDWARE





DOOR HARDWARE FINISH OPTIONS



Distressed

Bronze



Nickel





Bronze



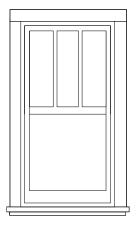
Printing limitations prevent exact finish replication. Please see your Andersen dealer for actual finish samples.

Exterior Trim Style Elements

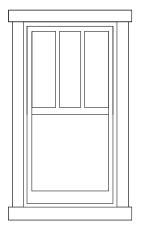
Craftsman Bungalow style windows typically have $4\frac{1}{2}$ " or $5\frac{1}{2}$ " flat board trim on the sides and head with a $1\frac{3}{4}$ " sill nose. Head casing is trimmed with a simple bed moulding and 2" cornice above.



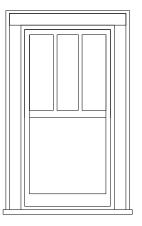
ALTERNATIVE EXTERIOR TRIM STYLES



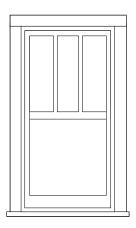
Clean and simple flat casing for head and jambs with an extended sill nose and apron for more pronounced base.



Flat casing with extended head and sill casing achieves a very distinctive Craftsman Bungalow look.



Flat casing with backband for jambs and head with an extended sill nose.



Flat casing for head and jambs with an extended sill nose.

• ANDERSEN AUTHENTICITY •

For authentic Craftsman Bungalow styling, or to create a variance all your own, A-Series products provide a choice of three exterior trim profiles and three head trim options. A-Series exterior trim is available in 11 colors, so you can match or complement your window and door colors to create a variety of looks.

For historical accuracy, our E-Series/Eagle® windows and doors are available with up to $5\,^{1}/_{2}$ " flat trim, as well as expandable brickmold casing to recreate the look of backband.

You can also design your own custom trim profiles with E-Series/Eagle products, plus match or contrast the trim of the windows and doors with any of 50 exterior colors, custom colors and anodized finishes.

To learn more about Andersen® trim options, visit andersenwindows.com/collection.

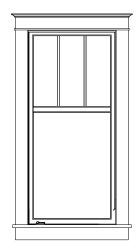


Interior Trim Style Elements

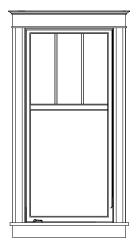
Interior trim on Craftsman Bungalow style windows typically has $4\frac{1}{2}$ " flat board casing with a simple moulding and taenia on head casing. The stool is square-nosed.



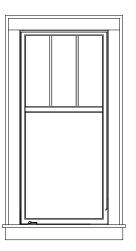
ALTERNATIVE INTERIOR TRIM STYLES



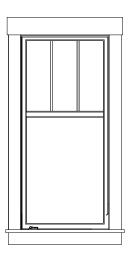
Flat casing for jambs with head trim featuring taenia, frieze and modest crown moulding.



Double-banded casing for jambs with head trim featuring taenia, frieze and modest crown moulding.



Flat casing with backband for jamb and head trim.

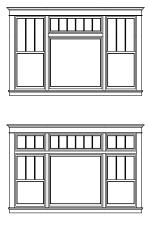


Flat casing for jambs with enlarged flat casing for head trim.

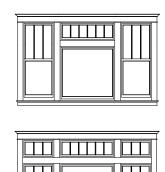
ALTERNATIVE GROUPING AND INTERIOR TRIM STYLES

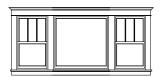


Groupings shown with narrow mull spacing.



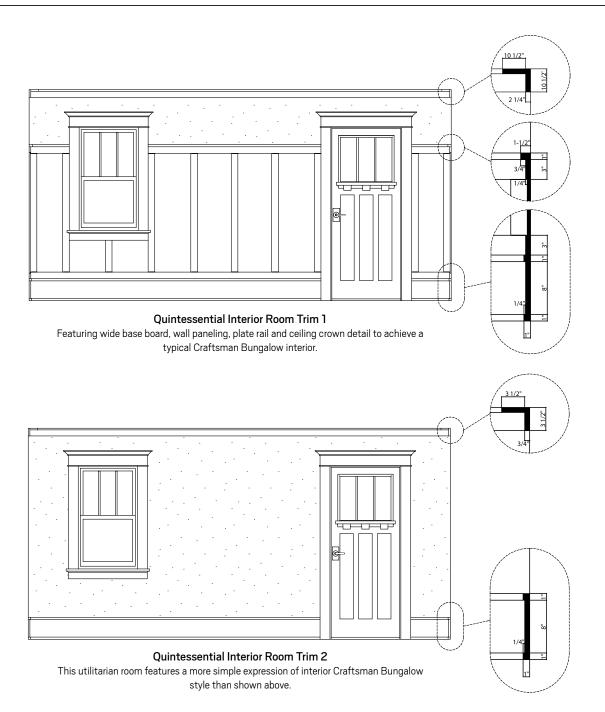
Groupings shown with wide mull spacing.





$Window,\,Door\,\&\,Trim\,Proportionality$

Choosing the right combination of interior trim profiles and size requires careful consideration of everything from house style and room dimensions to furnishings and room function.



Art Glass Style

Earthy colors and heavy leading are popular in Craftsman Bungalow style homes. Symmetrical arrangements in rows of two or three are common, as are medieval design elements.

Typical Art Glass Location

Casement, awning or picture windows used as accents, particularly next to the fireplace, are ideal locations for art glass. Floral patterns are particularly well suited for use in transom windows or in the upper sash of doublehung windows in the triple front Type 1 or Type 2 (see page 12). Also, art glass with diamond-shaped designs is common in the upper sash of three-wide, double-hung window groupings.

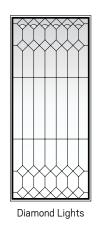
• ANDERSEN AUTHENTICITY •

Andersen offers several series of art glass designs, including the Arts & Crafts-inspired Frank Lloyd Wright® Series. Made under agreement with the Frank Lloyd Wright Foundation, the four art glass panels in this series remain true to the principles of Wright's original work: simplicity, unity and nature.

Each design is available in a wide range of sizes and shapes, and in a combination of clear and colored glass or clear glass only.

For more information, visit andersenwindows.com/artglass.

HISTORIC AND CLASSIC SERIES*





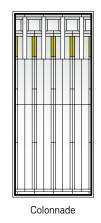


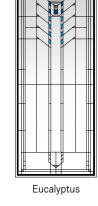


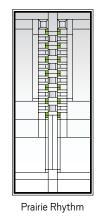
Arts & Crafts Design

FRANK LLOYD WRIGHT® SERIES**

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Craftsman Bungalow Andersen® Product Index



Casement window (exterior)

- 4 ½" flat exterior trim with 2" cornice: Prairie Grass
- Frame exterior: Dark Bronze
- Sash exterior: Dark Bronze
- Tall fractional with simulated check rail grille pattern

Shown on pages 5, 6, 8 and 20.



Casement window (interior)

- Frame interior: Oak with Espresso finish
- Sash interior: Oak with Espresso finish
- Tall fractional with simulated check rail grille pattern
- Traditional casement window folding handle: Black

Shown on pages 6, 8 and 22.



Casement, picture and transom window combination (exterior)

- 4 1/2" flat exterior trim with 2" cornice: Prairie Grass
- Frame exterior: Dark Bronze
- Sash exterior: Dark Bronze
- Tall fractional with simulated check rail grille pattern (double-hung)
- Diamond Lights art glass (transom)

Shown on pages 5 and 21.



Casement, picture and transom window combination (interior)

- Frame interior: Oak with Espresso finish
- Sash interior: Oak with Espresso finish
- Tall fractional with simulated check rail grille pattern
- Diamond Lights art glass (transom)
- Traditional casement window folding handle: Black

Shown on page 23.



Hinged inswing patio door with transom (exterior)

- 4 ½" flat exterior trim with 2" cornice: Prairie Grass
- Frame exterior: Dark Bronze
- Sash exterior: Dark Bronze
- Colonial grille pattern (transom)
- Albany door hardware: Black

Shown on pages 5 and 7.



Arts & Crafts single door (exterior)

- 4 ½" flat exterior trim with 2" cornice: Prairie Grass
- Panel exterior: Oak with Espresso finish
- Arts & Crafts art glass
- Albany door hardware: Black

Shown on page 7.



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