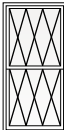
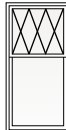
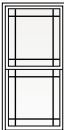
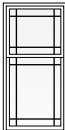
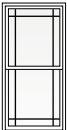
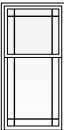
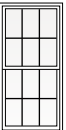
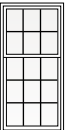
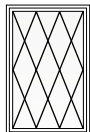
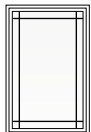
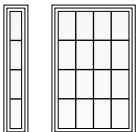
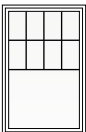
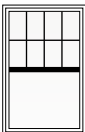
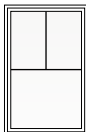
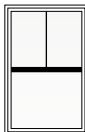
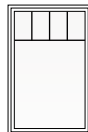
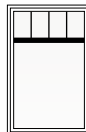
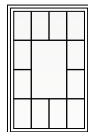


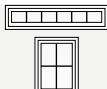


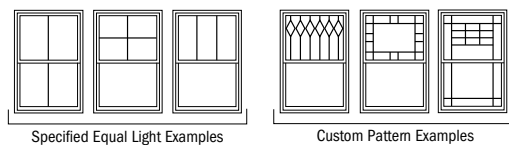




## Grille Patterns

	Diamond*Prairie APrairie A6-Light PrairieColonial								<p>Patterns for double-hung windows are also available in Upper Sash Only (USO) configurations. For picture window patterns that require alignment with double-hung window patterns, identify the sash style (equal, cottage or reverse cottage) when ordering. <b>Number of lights and overall pattern varies with window size. Patterns not available in all configurations.</b></p>			
Tilt-Wash Double-Hung	 		 		 		 					
	Equal	Cottage	Equal	Cottage	Equal	Cottage	Equal	Cottage				
	Diamond*	Prairie A	Colonial		Modified Colonial	Modified Colonial with Simulated Meeting Rail	Tall Fractional	Tall Fractional with Simulated Meeting Rail	Short Fractional	Short Fractional with Simulated Meeting Rail	Victorian	
Tilt-Wash Picture												
Tilt-Wash Transom												

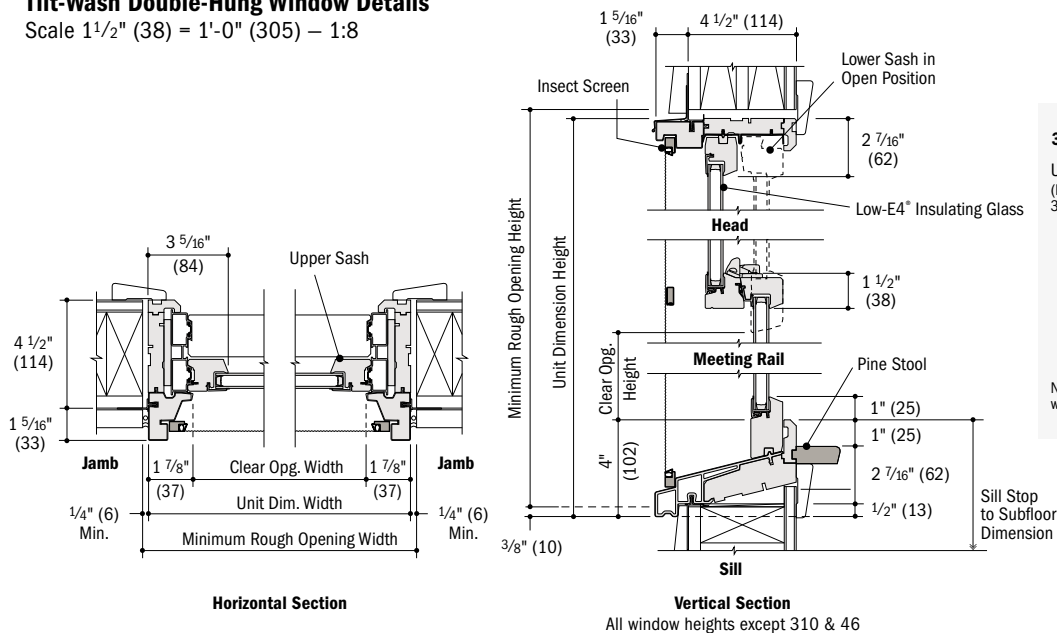
\*Available only in Simulated Divided Light (SDL) configuration and only in 3/4" (19) and 7/8" (22) widths.



Specified equal light and custom patterns are also available. For more grille options, see page 14 or visit [andersenwindows.com/grilles](http://andersenwindows.com/grilles).

## Tilt-Wash Double-Hung Window Details

Scale  $1\frac{1}{2}"$  (38) = 1'-0" (305) – 1:8



### 310 and 46 Height Windows Only:

Upper Sash Meeting Rail  
(higher location on  
310 and 46 heights)

Lower Sash in  
Open Position  
(opens higher  
to maintain  
clear opening)

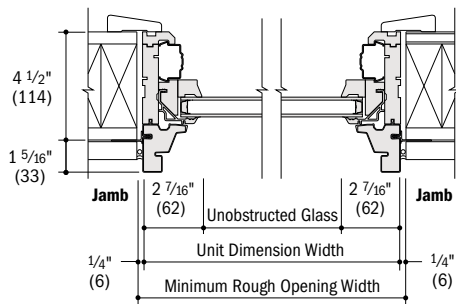
Note: Location of support bar on optional insect screen aligns with meeting rail location on 310 and 46 window heights.

- Light-colored areas are parts included with window. Dark-colored areas are additional Andersen® parts required to complete window assembly as shown.  
 • **Minimum rough openings may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See installation information on pages 210-211.**  
 • Details are for illustration only and are not intended to represent product installation methods or materials. Refer to product installation guides at [andersenwindows.com](http://andersenwindows.com).  
 • Dimensions in parentheses are in millimeters.

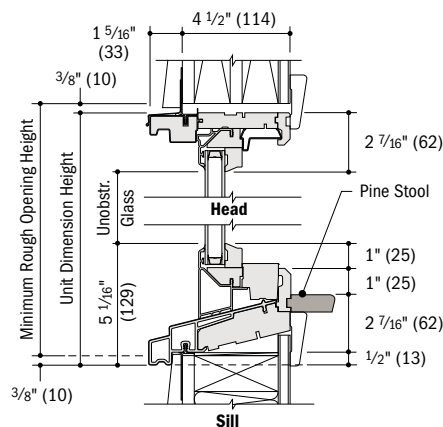
# TILT-WASH DOUBLE-HUNG FULL-FRAME WINDOWS

## Tilt-Wash Picture Window Details

Scale 1 1/2" (38) = 1'-0" (305) – 1:8



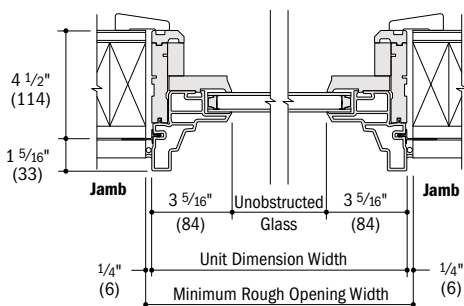
Horizontal Section



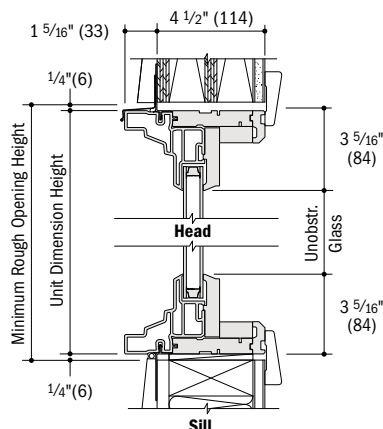
Vertical Section

## Tilt-Wash Transom Window Details

Scale 1 1/2" (38) = 1'-0" (305) – 1:8



Horizontal Section



Vertical Section

## Horizontal (stack) Joining Detail

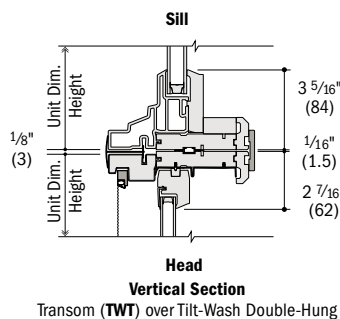
Scale 1 1/2" (38) = 1'-0" (305) – 1:8

### Overall Window Dimension Height

Sum of individual window heights  
plus 1/16" (1.5) for each join.

### Overall Rough Opening Height

Overall window dimension height.\*

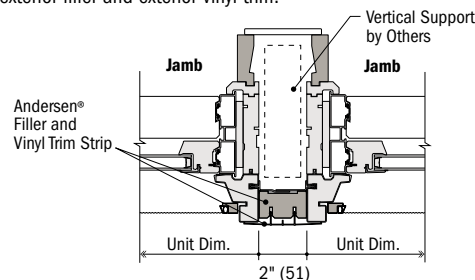


Head  
Vertical Section  
Transom (TWT) over Tilt-Wash Double-Hung

## Separate Rough Openings Detail

Scale 1 1/2" (38) = 1'-0" (305) – 1:8

To meet structural requirements or to achieve a wider joined appearance, windows may be installed into separate rough openings having vertical support (by others) in combination with Andersen® exterior filler and exterior vinyl trim.



Horizontal Section  
Tilt-Wash Double-Hung and Tilt-Wash Double-Hung

## Vertical (ribbon) Joining Detail

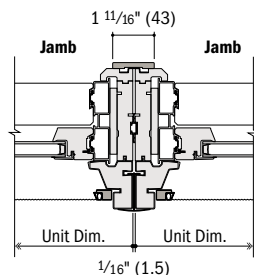
Scale 1 1/2" (38) = 1'-0" (305) – 1:8

### Overall Window Dimension Width

Sum of individual window widths  
plus 1/16" (1.5) for each join.

### Overall Rough Opening Width

Overall window dimension width plus 1/2" (13).



Horizontal Section  
Tilt-Wash Double-Hung to Tilt-Wash Double-Hung

For more joining information, see the combination designs section starting on page 181.

\* Light-colored areas are parts included with window. Dark-colored areas are additional Andersen® parts required to complete window assembly as shown.  
\* Minimum rough openings may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See installation information on pages 210-211.  
\* Details are for illustration only and are not intended to represent product installation methods or materials. Refer to product installation guides at andersenwindows.com.  
\* Consult with an architect or structural engineer regarding minimum requirements for structural support members between adjacent rough openings.  
\* Dimensions in parentheses are in millimeters.  
\* For stacks where bottom unit in combination is a double-hung or picture window with a sloped sill. If bottom window has a flat sill add 1/2" (13) to the overall window dimension height.

## 400 SERIES TILT-WASH DOUBLE-HUNG WINDOW

[LEARN](#)[DESIGN IT](#)[TECH](#)

### IS IT RIGHT FOR YOU?

#### Functionality

Slides open from the top and bottom and tilts in to make cleaning a breeze.

#### Material

Wood & vinyl. A vinyl exterior protects the window from weather while the interior is natural wood. This way you get the look you want without the worry of added maintenance.

[Read more →](#)