



Community Development and Sustainability Department

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RESIDENTIAL WINDOW/SKYLIGHT ADDITIONS

Address: _____ Permit# _____

New fenestration installed as part of an addition shall have a maximum U-Factor of 0.32 and a maximum Solar Heat Gain Coefficient (SHGC) of 0.25 or compliance can be demonstrated using the performance approach.

| ALLOWABLE FENESTRATION AREAS ^{1, 2, 3, 4} | | | | | | | |
|---|------------------------------|---|------------------------------|--|--|---------------------------|----------------------|
| | A | B | C | D | E | F | G |
| | Additions > than 700 sq. ft. | Additions ≤ 700 sq. ft. and > 400 sq. ft. | Additions < than 400 sq. ft. | Conditioned Floor Area of the Addition | Allowed % of CFA from column A, B or C | Allowed Fenestration Area | Actual Proposed Area |
| Total Fenestration Area | 175 sq. ft. or 20% of CFA | 120 sq. ft. or 25% of CFA | 75 sq. ft. or 30% of CFA | | | | |
| West Fenestration Area | No greater than 70 sq. ft. | No greater than 60 sq. ft. | No greater than 60 sq. ft. | | | | |
| <ol style="list-style-type: none"> 1. If total fenestration is over 20%, performance approach must be used to show compliance with Energy Code. If West facing fenestration exceeds 5%, performance approach must be used to show compliance with Energy Code. 2. Additions that are greater than 700 square feet shall meet the allowable percentages shown above, except that the maximum allowed fenestration area shall be the greater of 175 square feet or 20 percent of the addition floor area, and the maximum allowed west-facing fenestration area shall be the greater of 70 square feet or 5 percent of the west-facing wall. 3. For additions that are 700 square feet or less but greater than 400 square feet, the maximum allowed fenestration area limit is the greater of 120 square feet or 25 percent of the conditioned floor area of the addition. 4. For additions that are 400 square feet or less, the maximum allowed fenestration area is the greater of 75 square feet or 30 percent of the conditioned floor area of the addition. <p>NOTE: See Section 150.1 (c) for exceptions regarding skylights, chromogenic glazing and site built fenestration.</p> | | | | | | | |

Signature _____ Date _____

Printed name: _____ Reviewed by (City staff): _____

Note: The California Residential Code requires emergency egress from all sleeping rooms. When replacing the windows in sleeping rooms at least one of the openings must meet the egress requirements. This may require reconfiguring the windows to casement type windows or in some cases framing modifications. The code required dimensions for egress windows are minimum 20" wide and 24" tall. The total openable area is 5.7 square feet for windows above the first floor and 5.0 square feet for first floor windows. The maximum sill height is 44" however if a window was framed and installed prior to July 1977 then a 48" sill height is considered code complaint and acceptable.

Inspections required: For simple window replacement without framing changes only one inspection is required. At that time the inspector can verify that the approved windows have been installed. If there is addition of fenestration area or changes in the framing there will be two inspections, one rough inspection to check framing, and a final to check the finish work. The U-Factor and SHGC can be checked whenever the inspector can verify that the approved windows have been installed.

Important Information: Do not remove the labels verifying the fenestration values until after the inspection.