

FENESTRATION – MAXIMUM ALLOWED AREA WORKSHEET WS-4R

Project Title _____

Date _____

FENESTRATION PRODUCTS – NEW CONSTRUCTION- NEW BUILDINGS

Use this table for new building construction to account for total building % of fenestration.

A	B	C	D	E	F	G
#/Type/Pos. (Front, Left, Rear, Right, Skylight)	Orientation	Total Fenestration, West Facing Area (ft ²)	Total Fenestration for N, S, E Orientations Area (ft ²)	CFA (ft ²)	Total Percent of West Facing Fenestration ¹ (C/E) x 100%	Total % of Fenestration ² Including West (D/E) x 100% + F
	North					
	South					
	East					
	West					
	Totals					

- 1) If west facing area exceeds 5% of CFA in climate zones 2, 4, and 7-15, the performance approach must be used.
- 2) If total percent of fenestration exceeds 20% including West facing orientations then performance approach must be used. West facing area includes skylights tilted to the west or tilted in any direction when the pitch is less than 1:12 for Package D only.

FENESTRATION PRODUCTS – NEW CONSTRUCTION- ADDITIONS

Less than 100 ft², Less than or Equal to 1000 ft², Greater 1000 ft²

A	B	C	D	E	F	G	H
#/Type/Pos. (Front, Left, Rear, Right, Skylight)	Orientation N, S, E, W	Addition's CFA ^{1,2}	Addition's New Fenestration Area (ft ²)	Fenestration Area Removed to make way for Addition (ft ²)	Total Area Fenestration ² (D + E)	Total % of West Facing Fenestration (F/C)x100%	Total % of Fenestration ² (F/C)x100 %
	North						
	South						
	East						
	West ⁴						
					Total		

- 1) Additions that add less than 50ft² of fenestration area are exempt from the maximum total area limits. See Table 8-2 in RM.
- 2) If the addition has a floor area equal to or less than 1,000 ft², the maximum allowed fenestration % may be increased to by the amount of glazing removed in the wall that separates the addition from the existing house. See Table 8-2 in RM.
- 3) If the addition has a floor area greater than to 1,000 ft², must meet Package D requirements. See Table 8-2 in RM.
- 4) West facing area includes skylights tilted to the west or tilted in any direction when the pitch is less than 1:12 for Package D.

FENESTRATION PRODUCTS: ALTERATIONS

Use this table for alterations to an existing building where fenestrations products (windows) are being removed and/or added.

A	B	C	D	E	F	G	H	I
CFA	Existing Orientation	Existing Area (ft ²)	Removed Orientation	Removed Area (ft ²)	Proposed Installed Orientation	Proposed Installed New Area (ft ²)	Total Net Fenestration (ft ²) (C-E+G)	Total % of Fenestration ^{1,2} H / A Max of 20%
	North		North		North			
	South		South		South			
	East		East		East			
	West		West		West			
	Total		Total		Total			

- 1) When 50 ft² or more of fenestration area is added to an existing building, then the fenestration must meet the requirements of Package D. The area requirement for the total fenestration area for the whole building, including the added fenestration, must not exceed 20% otherwise the Performance Approach must be used. Note: The 5% west facing limit is exempt. See Section 8.3.3 in the RM for further details.