

Community Development and Sustainability Department

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Website: https://cityofdavis.org/city-hall/community-development-and-sustainability

Email: cddweb@cityofdavis.org

RESIDENTIAL WINDOW/SKYLIGHT ALTERATIONS

Address:		Permit#						
umber and loca	ation of windows	/skylights/doors re	eplaced/added:					
Replacement and added fenestration shall have a maximum U-Factor of 0.32 and a maximum solar Heat Gain Coefficient (SHGC) of 0.25 or comply with one of the exceptions listed below.								
ALTERED FENE			4 (Complete if more	-		is ad	•	
	A	В	С	D	(C x D = E)		F	
	Existing Fenestration Area	Added Fenestration Area	Conditioned Floor Area of Entire Dwelling	Allowed % of CFA	Allowed Fenestration Area		Actual Proposed Area ¹	
Total Fenestration Area				20%		2		
West Fenestration Area				5%		2		
facing fe 2. Up to 10 the max 3. Alteration SHGC of fenestra 4. Alteration and wes 5. Replace Zones 1 6. Replace	enestration exceed of sq. ft. of fenestratimum U-factor requents that add up to off 0.30 area shall relation area requirements that add fenestrations fenestrations for vertical feeds skylights must not of the state of the skylights must not of the skylights not of the skylights must not of the skylights not of the skylights must not of the skylights not of the skylights must not of the skylights not of the	Is 5%, Performance tion area or .5 perception area or .5 perceptirement. 16 square feet of new too ments. It tration area of up too on area requirementenestration no greater the neet a U-factor no greater of the street a U-factor no greater the street a U-factor	e Method must be used a Method must be used ent of the conditioned few skylight area with a neet the total fenestration of 75 square feet shall nots. er than 75 square feet an 0.35 in Climate Zongreater than 0.55, and a preplacement of sash	I to show comfloor area, whith maximum U-foon area 20% (on the required with a U-factor less 2, 4, and 6 a SHGC value.	pliance with Energichever is greater, actor of 0.55 and CFA and 5% west-to meet the total or no greater than 1-16.	gy Co is ex a ma facin fenes 0.40 i	ode. empt from ximum g tration area in Climate	
Signature				Date				
rinted name:		Reviewed by (City staff):						
	Residential Code re	quires emergency eg	ress from all sleeping roor This may require reconfi	ms. When repla	acing the windows in	sleep	oing rooms a	

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

some cases framing modifications. The code required dimensions for egress windows are minimum 20" wide and 24" tall. The total openable

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.