

INSTRUCTIONS:

Comp' to the table below noting the complete scope of work. The numbering system can be used to reference locations of proposed work on the plan. Use the the code information on the back of this sheet to verify that your proposed construction meets code requirements. If you need assistance see our "WINDOW REPLACEMENT. SAMPLE PLAN" hondout or a permit technician.

WINDOW TYPES:

Casement (CAS) Single Hung (SH) Double Hung (DH)

Slider (SLDR) Slider flxed center panel (SLDR XOX)

Fixed (FIX)









LDR XOX)



WORKSHEET

SAMPLE

ADDRESS

PERMIT#

n.	DDRESS			LCRIMT 1 AT	
	EXISTING WINDOW SIZE & TYPE	NEM WINDOW SIZE # TYPE	MINDOW AREA	LOCATION . .(ROOM)	SAFETY SLAZING (Yes/No)
0	24" x 61" SH	23 3/4" x 60 3/4" SH	10	Livingroom	no .
2	36" x 61" SH -	35, 3/4", x, 60 3/4" SH	15	Living room .	по
(3)	24" x 61" SH	23 3/4" x 60 3/4" SH	10	Living room	no
4	42" x 54" SH	41 3/4" x 53 3/4" SH	15.75	Bedroom 1	no
(5)	36" x 54" SH	35 3/4" x 53 3/4" case	13.5	Bedroom 1	no
6	36" x 54" SH	35 3/4" x 53 3/4" case	13.5	Bedroom 2	no
7 3	16"/ 54" SH	35 3/4" x 53 3/4" SH	13.5	Bedroom 2	ро
(B) 2	4" x36"SH	AMP13/ESH	6	Bath	Yes
9/4	8" x 36" XO 4	6" x 32 3/4" XO	12	Family room	No .
10 7	0" x 80" OX 6	9 1/4" x 79" OX	40.8	Family room	Yes :
1 4	8" x 36" XO	9 1/4" x 79" OX	12	Family room	No
12 30)" x 54"SH 2	9 3/4" x 53 3/4" Case	11.25	Bedroom 3	No
[B] 3(0" x 54"SH 29	9 3/4" x 53 3/4" SH	11.25 _{CRY OF GA}	Bedroom 3	No.
14 30)" x 54"SH 29	9 3/4" x 53 3/4 SH			Monation
30	"x 54"SH 29	3/4" x 53 3/4 SH	APPROVED 11.25	Dining room	Yes
16) 72	ў 36 XO	A4\ABDKOE	18	Garage	no

Submission of this form is not a guarantee that the above stated windows will meet the code requirements. Final determination will be made by the Building Official AFTER TIME OF INSPECTION.

WINDOW REPLACEMENT WORKSHEET

HELP FOR THE HOMEOWNER

'BUILDING AND SAFETY

Euilding Officiali Date
DATE: 1/1/08. SHEET 1 OF 3 B252

Project Name:

STATE OF CALIFORNIA Prescriptive Residential WINDOW REPLACEMENTS CEC-CFIR-ADD-02-E (Revised 01/20) CERTIFICATE OF COMPLIANCE

2019 ENERGY CODE

CALIFORNIA ENERGY COMMISSION

CALIFORNIA ENERGY CF1R-ADD-02-E

Page 1 of

Prescriptive Residential Additions That Do Not Require HERS Field Verification MODIFIED FORM Dete Prepared

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Ď	Project Name:		<u> </u>	02 Date Prepared:	
ÖS	Project Location:		2	04 Building Front Orientation (deg):	
ŭ	CA City:	GARDENA, CA	8	06 Number of Dwelling Units with Additions:	H
ŽQ.	Zip Code:	90247	8	0B Fuel Type:	Natural Gas
ğ	Climate Zone:	60	15	■ 10 Total Conditioned Floor Area (ft²) (Addition):	
F	Building Type:	Single family	13	12 Siab Area (ft²):	
<u>.</u>	L Femorination Granes of Areas and the land		ľ		

L Fenestration Proposed Areas and Efficiencies

Note: If meeting Exception 1 to 150.1(c)3A, Installing < 3ft² glass in door or, < 3ft² tubular skylight, it is not required to meet the minimum U-factor (0.30) & SHGC requirements (0.23) If meeting Exception 2 to 150.1(c)3A, Installing \leq 16 \Re^2 of new skylights, it is assumed to meet the minimum required U-factor (0.55) & SHGC (0.30).

Doors with greater than or equal to 25 percent glazing area are considered glazed doors and are treated as fenestration products.

								Tag/ID	01
SKYLIGHT	EXTER DR.	FRENCH DR	SLGLDR					Fenestration Type	02
				Mon-metal -	Non-metal >	Mon-metal +	Non-metal -	Frame Type	. 03
Dec 188				No	NO	NO	8	Dynamic Glazing	DA
				East	West	South	Morth	Orientation (N,S,W,E)	05
4								Number of Panes	90
								Proposed Fenestration Area (ft²)	07
			r 1		1			Proposed West Facing Fenestration Area (ft²)	90 80
				0.30	0.30	0.30	08.0	Proposed U-factor	09
			1.00			п	13.	Proposed U-factor Source	10
				0.23	0.23	0.23	0.23	Proposed SHGC	1
					1	J		Proposed SHGC Source	13
					11			Exterior Shading Device	ద
								Combined SHGC from CF1R-ENV-03	14

STATE OF CALIFORNIA

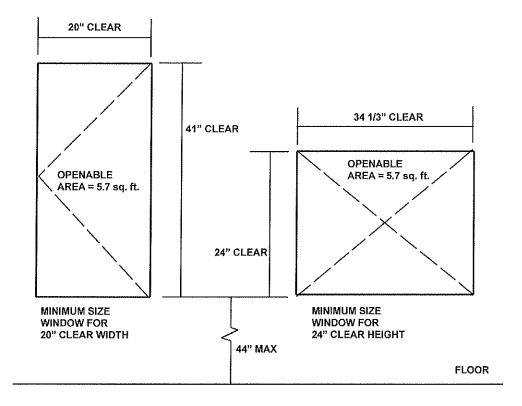
Prescriptive Residential Additions That Do Not Require HERS Field Verification CEC-CF1R-ADD-02-E (Revised 01/20)

	Signature Date:	Company:
	Documentation Author Signature:	pocumentation Author Name:
		1. I certify that this Certificate of Compliance documentation is accurate and complete.
		DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
Date Prepared:		
Page 5 of 5		Project Name:
CF1R-ADD-02-E		Prescriptive Residential Additions That Do Not Require HERS Field Verification
CALIFORNIA ENERGY COMMISSION		CERTIFICATE OF COMPLIANCE
	rieid Verification	CEC-CF1R-ADD-02-E (Revised 01/20)

ω 12 1. RESPONSIBLE PERSON'S DECLARATION STATEMENT City/State/Zip: Address: City/State/Zip: Address: Company: for all applicable inspections. I understand that a registered copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building I will ensure that a registered copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. l am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. That the energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of The information provided on this Certificate of Compliance is true and correct. I certify the following under penalty of perjury, under the laws of the State of California: CEA/ HERS Certification Identification (if applicable): Responsible Designer Signature: Phone: Phone: License: Date Signed:

For assistance or questions regarding the Energy Standards, contact the Energy Hotline at: 1-800-772-3300.

Emergency Escape and Rescue Window



Because so many fatalities occur when occupants of residential buildings are asleep at the time of a fire, the UBC requires that basements in dwelling units and every sleeping room below the fourth story shall have at least one operable window or door approved for emergency escape and rescue. This exit shall open directly into a public street, public alley, yard or exit court. The units shall be operable from the inside to provide a full clear opening without the use of separate tools.

Extensive research done by the San Diego Building and Fire Departments established the minimum size window requirements found in Section 1026 of the 2007 Building Code.

- The clear net openable area of grade floor rescue openings shall be no less than 5.0 square feet.
 (CBC 1026.2 Exception) The clear net openable area of rescue openings from below the fourth floor to the second floor above grade shall be no less than 5.7 square feet (CBC 1026.2)
- 2. In order to meet the above requirement, the net clear operable height shall be a minimum of 24 inches. The net clear operable width shall be a minimum of 20 inches. (Note: Using both minimums will <u>NOT</u> obtain the required square footage.) (CBC 1026.2.1)
- 3. The finished height of the bottom of clear net opening shall not be more than 44 inches above the finished floor. (CBC 1026.3)

Page 1 BLD-007 Rev. 2/12/19



DEPARTMENT of COMMUNITY DEVELOPMENT

1700 WEST 162nd STREET / GARDENA, CALIFORNIA 90247-3732 / WWW.CITYOFGARDENA.ORG / PHONE (310) 217-9530

Table 1. Bedroom Window Egress: Min. Height and Width Requirements for First Floor Units (in inches)

Width	20	20.5	21	21.5	22	22.5	23	23.5	24	24.5	25	25.5	26	26.5	27
Height	36.0	35.1	34.3	33.5	32.7	32.0	31.3	30.6	30.0	29.4	28.8	28.2	27.7	27.2	26.7
Width	28	28	29	29	30	30	31	31	32	32	33	33	34	34	

Table 2. Bedroom Window Egress: Min. Height and Width Requirements for Second-Fourth Floor Units (in inches)

Width	20	20.5	21	21.5	22	22.5	23	23.5	24	24.5	25	25.5	26	26.5	27
Height	41.0	40.0	39.1	38.2	37.3	36.5	35.7	34.9	34.2	33.5	32.8	32.2	31.6	31.0	30.4
					,										
Width	28	28	29	29	30	30	31	31	32	32	33	33	34	34	
Height	29.8	29.3	28.8	28.3	27 Ω	27.4	26.9	26.5	26.1	25.7	25.3	24.9	24.5	24.1	

Bars, grilles, grates or similar devices may be installed on emergency escape or rescue windows, doors or window wells, provided:

- The devices are equipped with approved release mechanisms which are operable from the inside without the use of a key or special knowledge or effort; and
- The building is equipped with smoke detectors installed in accordance with Section 907.2.10.

It is the intent of the code that the windows used for rescue or escape be located on the exterior of the building so that rescue can be effected from the outside.

Page 2 BLD-007 Rev. 2/12/19