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Document Title:	CF2R-ADD-02-E PRESCRIPTIVE RESIDENTIAL ADDITIONS NON-HERS FIELD VERIFICATION
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SAMPLE FORM – NOT VALID FOR SUBMISSION TO BUILDING DEPARTMENTS

CERTIFICATE OF INSTALLATION

Project Name:	Enforcement Agency:
Dwelling Address:	Permit Number:
City and Zip Code:	Permit Application Date:

This compliance document is only applicable to additions less than or equal to 1,000 square feet (ft²) and do not require HERS field verification for compliance. When HERS verification is required, a CF1R-ADD-01 shall first be registered with a HERS Provider Data Registry.

Alterations to Space Conditioning Systems that are exempt from HERS verification requirements may use the CF1R-ADD-02 and CF2R- ADD-02 Compliance Documents. Possible exemptions from duct leakage testing include: less than 25 ft of ducts were added or replaced; or the existing duct system was insulated with asbestos; or the existing duct system was previously tested and passed by a HERS Rater. If space conditioning systems are altered and are not exempt from HERS verification, then a CF1R-ADD-01 and CF1R-ALT-02 must be completed and registered with a HERS Provider Data Registry.

Additions or alterations that utilize closed cell Spray Polyurethane Foam (ccSPF) with a density of 1.5 to less than 2.5 pounds per cubic foot having an R-value greater than 5.8 per inch, or open cell Spray Polyurethane Foam (ocSPF) with a density of 0.4 to less than 1.5 pounds per cubic foot having an R-value of 3.6 per inch, shall complete and register a CF1R ADD-01 with a HERS Provider Data Registry.

If more than one person has responsibility for installation of the items on this certificate, each person shall prepare and sign a certificate applicable to the portion of construction for which they are responsible. Alternatively, the person with chief responsibility for construction shall prepare and sign this certificate for the entire construction. All applicable Mandatory Measures shall be met. Temporary labels shall not be removed before verification by the building inspector.



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A. General Information

01	Project Name:		02	Date Prepared:	
03	Project Location:		04	Building Front Orientation (deg):	
05	CA City:		06	Number of Dwelling Units with Additions:	
07	Zip Code:		08	Fuel Type:	
09	Climate Zone:		10	Total Conditioned Floor Area (ft ²) (Addition):	
11	Building Type		12	Slab Area (ft ²):	
13	Project Scope:				

Insulation

The altered components shall comply with all applicable requirements in The Energy Standards, Sections 110.0-110.9, 150.0(a)-(q), and 150.2(a)1; All joints, penetrations and other openings in the building envelope that are potential sources of air leakage shall be caulked, gasketed, weather stripped, or otherwise sealed to limit infiltration and exhalation.

B. Roof/Ceiling Insulation

01	02	03	04	05	06	07	08
I.D.	Manufacturer & Brand	Framing Material	Framing Size & Spacing	Insulation Type	Cavity Insulation R-value	Insulation Depth (inches)	Below Deck Insulation R-value



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C. Framed Wall Insulation

01	02	03	04	05	06	07	08	09
I.D.	Manufacturer & Brand	Framing Material	Framing Size & Spacing	Insulation Type	Cavity Insulation R-value	Insulation Depth (inches)	Exterior Wall Insulation R-value	Interior Wall Insulation R-value

D. Mass Wall Insulation

01	02	03	04	05	06	07	08
I.D.	Manufacturer & Brand	Location	Mass Thickness (inches)	Furring Strip Type/ Depth (inches)	Insulation Type	Exterior Insulation R-value	Interior Insulation R-value



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E. Raised Floor Insulation

01	02	03	04	05	06	07	08	09
I.D.	Manufacturer & Brand	Framing Material	Framing Size & Spacing	Insulation Type	Cavity Insulation R-value	Insulation Depth (inches)	Exterior Floor Insulation R-value	Interior Floor Insulation R-value

F. Slab/Floor Perimeter Insulation

01	02	03	04	05	06	07	08
I.D.	Manufacturer & Brand	Floor Type	Insulation Type	Insulation Depth (inches)	Insulation R-Value	Vertical Insulation Length (inches)	Horizontal Insulation Length (feet)



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Roofing and Radiant Barrier

G. Radiant Barrier

01	Brand Name and Product Number	
02	Installation Type	
03	Total Attic Area (ft ²)	

H. Required Vent Area

01	Combined net free area (NFA) of installed upper and lower vents (in ²)	
02	Minimum required combined net free area (NFA) of upper and lower vents (in ²)	
03	Net free area (NFA) of installed upper vents (in ²)	
04	Minimum required net free area (NFA) of upper vents (in ²)	

I. Roofing Products (Cool Roof) Installation Information

01	02	03	04	05	06	07	08
Roof Pitch	CRRC Product ID Number	Product Type	CRRC Listed Aged Solar Reflectance	Initial Solar Reflectance	Aged Solar Reflectance	Thermal Emittance	SRI (Optional)



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J. Radiant Barrier and Attic Ventilation – Additional Requirements

The responsible person’s signature on this compliance document affirms that all applicable requirements in Section J have been met.

Radiant Barrier

01	Radiant barrier must be installed on all vertical surfaces in the attic including gable ends.
02	The emittance of the radiant barrier shall be less than or equal to 0.05 as tested with American Society for Testing and Materials (ASTM) C1371, or E408.
03	The product shall meet all requirements for California certified insulation materials [radiant barriers] of the Department of Consumer Affairs, Bureau of Household Goods and Services, as specified by California Resource Code (CCR), Title 24, Part 12, Chapter 12-13, Standards for Insulating Material.
04	When determining the Total Attic Area, the area over unconditioned spaces such as the garage is included when the attic spaces are connected.

Lower Vents

05	Lower vents are within one foot of the eave.
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Upper Vents

06	Upper vents are within three feet of the ridge.
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Vent Area

07	The net free area (NFA) of upper vents must be within required NFA range of upper vents. Note: per Exception to R806.2 of the California Building Code (CBC) Title 24, Part2, Vol.2.5, if the net free ventilating area is less than 1:150, then the upper ventilation must be at least 40 percent and no more than 50 percent. Part 2 contains additional requirements that must be met if the area is less than 1:150.
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K. Roofing Products (Cool Roof) – Additional Requirements

The responsible person’s signature on this compliance document affirms that all applicable requirements in Section K have been met.

01	Any roof area covered by building integrated photovoltaic (PV) panels and solar thermal panels are exempt from the above Cool Roof requirements.
02	Liquid field applied coatings must comply with installation criteria from section 110.8(i)4.
03	Mass roof 25 pounds per square foot (lb/ft ²) or greater: Mass roofs are not required to have a cool roof even if the climate zone specifies minimum performance requirements.



SAMPLE FORM – NOT VALID FOR SUBMISSION TO BUILDING DEPARTMENTS

Fenestration

L. Fenestration/Glazing

Note: If meeting Exception 1 to 150.1(c)3A, installing less than or equal to 3 square feet (ft²) glass in door, or less than or equal to 3 square feet (ft²) tubular skylight, it is assumed to meet the minimum required U-factor (0.30) & SHGC (0.23). If meeting Exception 2 to 150.1(c)3A, installing less than or equal to 16 square feet (ft²) 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.

Table with 12 columns: 01 Tag/ID, 02 Manufacturer / Brand, 03 Fenestration Area (ft²), 04 Orientation N, S, E, W, 05 Chromogenic, 06 U-factor, 07 U-factor Source, 08 SHGC, 09 SHGC Source, 10 Fenestration Type, 11 Exterior Shading Devices (Describe), 12 Comments/Special Features



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M. Fenestration/Glazing – Additional Requirements

The responsible person's signature on this compliance document affirms that all applicable requirements in Section M have been met.

01	For existing buildings the U-factor and solar heat gain coefficient (SHGC) values should be the same or better than the required Energy Commission prescriptive requirements.
02	Temporary labels should not be removed until verified by the building inspector.
03	The fenestration product manufacturer's installation specifications shall be followed when installing these products. The space between the fenestration product and rough opening shall be completely filled with insulation. If batt insulation is used, it is cut to size and placed properly around the fenestration product.



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Mechanical and Plumbing

N. Space Conditioning (SC) Systems – Heating/Cooling (Section 150.2(b))

Alterations to Space Conditioning Systems shall be exempt from HERS verification requirements as prerequisite for use of the CF1R-ADD-02 and CF2R-ADD-02 compliance documents. If new space conditioning systems are installed or existing systems are altered and are not exempt from HERS verification, then a CF1R-ADD-01 and CF1R-ALT-02 shall be completed and registered with a HERS Provider Data Registry. In each row below for each dwelling unit in the building, check the box that indicates the exemption from HERS verification compliance:

- a: space conditioning system was not altered;
- b: less than 25 feet (ft) of ducts were added or replaced;
- c: (exempt from duct leakage testing) if: the existing duct system was insulated with asbestos;
- d: (exempt from duct leakage testing) if: the existing duct system was previously tested and passed by a HERS Rater.

01	02	03			
SC System Identification or Name	SC System Location or Area Served	Exemption from HERS Verification			
		<input type="checkbox"/> a	<input type="checkbox"/> b	<input type="checkbox"/> c	<input type="checkbox"/> d
		<input type="checkbox"/> a	<input type="checkbox"/> b	<input type="checkbox"/> c	<input type="checkbox"/> d
		<input type="checkbox"/> a	<input type="checkbox"/> b	<input type="checkbox"/> c	<input type="checkbox"/> d
		<input type="checkbox"/> a	<input type="checkbox"/> b	<input type="checkbox"/> c	<input type="checkbox"/> d
		<input type="checkbox"/> a	<input type="checkbox"/> b	<input type="checkbox"/> c	<input type="checkbox"/> d
		<input type="checkbox"/> a	<input type="checkbox"/> b	<input type="checkbox"/> c	<input type="checkbox"/> d
		<input type="checkbox"/> a	<input type="checkbox"/> b	<input type="checkbox"/> c	<input type="checkbox"/> d
		<input type="checkbox"/> a	<input type="checkbox"/> b	<input type="checkbox"/> c	<input type="checkbox"/> d
		<input type="checkbox"/> a	<input type="checkbox"/> b	<input type="checkbox"/> c	<input type="checkbox"/> d



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O. Water Heating Systems (Section 150.2(a)1D)

01	02	03	04	05	06	07	08	09
Water Heating System ID or Name	Water Heating System Type	System Option (from §150.2(a)1D)	# of Water Heaters/ Compressors in System	Water Heater Type	Fuel Type	Rated Input	Tank Location	Distribution Type

Options:

1. A single heat pump water heater. The storage tank shall not be located outdoors and shall be placed on an incompressible, rigid insulated surface with a minimum thermal resistance of R-10. The water heater shall be installed with a communication interface that meets either the requirements of Section 110.12(a) or has an ANSI/CTA-2045-B communication port; or
2. A single heat pump water heater that meets the requirements of NEEA Advanced Water Heater Specification Tier 3 or higher; or
3. A gas or propane instantaneous water heater with an input of 200,000 Btu per hour or less and no storage tank; or
4. For addition that are 500 square feet or less, an instantaneous electric water heater with point of use distribution as specified in the Reference Appendices, Residential Appendix, RA4.4.5



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P. Installed Water Heater Manufacturer Information

01	02	03
Water Heating System ID or Name	Manufacturer	Model Number



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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

1. I certify that this Certificate of Compliance documentation is accurate and complete.

Table with 2 columns: Documentation Author Name, Documentation Author Signature, Documentation Author Company Name, Date Signed, Address, CEA/HERS Certification Identification (If applicable), City/State/Zip, Phone.

RESPONSIBLE PERSON'S DECLARATION STATEMENT

2. I certify the following under penalty of perjury, under the laws of the State of California:

- 1. The information provided on this Certificate of Installation is true and correct.
2. I am either: a) a responsible person eligible under Division 3 of the Business and Professions Code...
3. The constructed or installed features, materials, components or manufactured devices (the installation) identified on this Certificate of Installation conforms to all applicable codes and regulations...
4. I understand that a registered copy of this Certificate of Installation shall be posted or made available with the building permit(s) issued for the building...
5. I understand that a registered copy of this Certificate of Installation is required to be included with the documentation the builder provides to the building owner at occupancy...

Table with 3 columns: Responsible Builder/Installer Name, Responsible Builder/Installer Signature, Company Name: (Installing Subcontractor or General Contractor or Builder/Owner), Position With Company (Title), Address, CSLB License, City/State/Zip, Phone, Date Signed.

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

CF2R-ADD-02-E User Instructions

NOTE: If more space is needed, print a duplicate page and fill in.

Minimum requirements for prescriptive addition compliance can be found in Building Energy Efficiency Standards Section 150.2(a), and Table 150.1-A or Table 150.1-B. Completing these forms will require that you have the Reference Appendices for the 2022 Building Energy Efficiency Standards, which contain the Joint Appendices used to determine climate zone. When the term CF2R is used it means the CF2R-ADD-02. Worksheets are identified by their entire name and subsequently by only the worksheet number, such as ENV-02.

Instructions for sections with column numbers and row numbers are given separately.

If any part of the addition does not comply, prescriptive compliance fails, in which case the performance (or computer) compliance approach may be used in an attempt to achieve compliance. Only the new construction is required to meet the requirements specified in this documentation. If any alterations to the existing building are occurring, those are documented on one or more of the CF1R-ALT forms.

A. General Information

1. Project Name: Identifying information, such as owner's name.
2. Date Prepared: Date of document preparation.
3. Project Location: Legal street address of property or other applicable identifying information.
4. Building Front Orientation: Building front orientation expressed in degrees, where North = 0, East = 90, South = 180, and West = 270. The standards (Section 100.1) include the following additional details for determining orientation:
 - North is oriented to within 45 degrees of true north, including 45 degrees east of north;
 - East is oriented to within 45 degrees of true east, including 45 degrees south of east;
 - South is oriented to within 45 degrees of true south, including 45 degrees west of south;
 - West is oriented to within 45 degrees of true west, including 45 degrees north of west.
5. CA City: Legal city/town of property.
6. Number of Dwelling Units with Additions: 1 for single-family
7. Zip Code: 5-digit zip code for the project location (used to determine climate zone).
8. Fuel Type: Natural Gas, Liquefied Propane Gas, or Electricity.

NOTE: Prescriptive compliance only allows electricity if natural gas is not connected to the building.

9. Climate Zone: From Reference Appendices, Joint Appendix, JA2.1.1.

10. Total Conditioned Floor Area: Enter the new conditioned floor area, in square feet (ft²), as measured from the outside of exterior walls of the addition.
11. Building Type: Single Family (includes duplex)
12. Slab Area: Area of the first floor slab of the addition (if any) in square feet (ft²).
13. Project Scope: 300 square feet (ft²) or less, greater than 300 ft² up to 400 ft², greater than 400 ft² up to 700 ft², or greater than 700 ft² up to 1000 ft².

B. Roof/Ceiling Insulation

1. I.D.: A label from the plans (e.g., A1.4 or Roof) documenting the location of the installed insulation.
2. Manufacturer & Brand: Indicate the manufacturer and brand of the product being installed.
3. Framing Material: Wood or Metal.
4. Framing Size & Spacing: Indicate the framing size and spacing (e.g., 2x4 @ 16 in O.C.); enter n/a if not applicable.
5. Insulation Type: List the type of insulation used, such as: Batt, Loose Fill, or SPF.
6. ESR Number: If using a non-standard R-value for SPF insulation, complete an ICC Evaluation Service Report and record the ESR number.
7. Cavity Insulation R-value: Indicate the cavity insulation R-value.
8. Insulation Depth: Indicate, in inches, the amount of insulation installed.
9. Below Deck Insulation R-Value: Indicate the R-value of the insulation installed below the roof deck.

C. Framed Wall Insulation

1. I.D.: A label from the plans, (e.g., A1.4 or Wall1) documenting the location of the installed insulation.
2. Manufacturer & Brand: Indicate the manufacturer and brand of the product being installed.
3. Framing Material: Wood or Metal.
4. Framing Size & Spacing: Indicate the framing size and spacing (e.g., 2x4 @ 16 in O.C.); enter n/a if not applicable.
5. Insulation Type: List the type of insulation used, such as: Batt, Loose Fill, or SPF.
6. Cavity Insulation R-value: Indicate the cavity insulation R-value.
7. Insulation Depth: Indicate, in inches, the amount of insulation installed.
8. Exterior Wall Insulation R-Value: Indicate the R-value of continuous insulation, having no framing penetration, installed on the outside of the wall.
9. Interior Wall Insulation R-Value: Indicate the R-value of continuous insulation, having no framing penetration, installed on the inside of the wall.

D. Mass Wall Insulation

1. I.D.: A label from the plans (e.g., A1.4 or Wall1) documenting the location of the installed insulation.
2. Manufacturer & Brand: Indicate the manufacturer and brand of the product being installed.
3. Location: Indicate the location of the insulation, such as: Above Grade, Below Grade, Wall, or Roof.
4. Mass Thickness: Indicate the thickness of the mass, in inches, the insulation is applied to.
5. Furring Strip Type/Depth: Indicate the type, and thickness, of furring material installed (e.g., wood/1.0 inch thick).
6. Insulation Type: List the type of insulation used, such as: Spray Polyurethane Foam (SPF), Expanded Polystyrene (EPS), or Ethylene Propylene Diene Monomer (EPDM).
7. Exterior Insulation R-Value: Indicate the R-value of the insulation installed on the outside of the assembly.
8. Interior Insulation R-Value: Indicate the R-value of the insulation installed on the inside of the assembly.

E. Raised Floor Insulation

1. I.D.: A label from the plans (e.g., A1.4 or Floor1) documenting the location of the installed insulation.
2. Manufacturer & Brand: Indicate the manufacturer and brand of the product being installed.
3. Framing Material: Wood or Metal.
4. Framing Size & Spacing: Indicate the framing size and spacing (e.g., 2x4 @ 16 in O.C.); enter n/a if not applicable.
5. Insulation Type: List the type of insulation used, such as: Batt, Loose Fill, or Spray Polyurethane Foam (SPF).
6. Cavity Insulation R-value: Indicate the cavity insulation R-value.
7. Insulation Depth: Indicate, in inches, the amount of insulation installed.
8. Exterior Floor Insulation R-Value: Indicate the R-value of insulation installed on the outside of the floor.
9. Interior Floor Insulation R-Value: Indicate the R-value of insulation installed on the inside of the floor.

F. Slab/Floor Perimeter Insulation

1. I.D.: A label from the plans (e.g., A1.4 or Slab Floor1) documenting the location of the installed insulation.
2. Manufacturer & Brand: Indicate the manufacturer and brand of the product being installed.
3. Floor Type: Indicate the type of floor the insulation is being applied to, such as: Heated Slab, Raised Slab or Slab on Grade.
4. Insulation Type: List the type of insulation used, such as: Ethylene Propylene Diene Monomer (EPDM), Polyisocyanurate (ISO), or Polystyrene.
5. Insulation Depth: Indicate, in inches, the depth of insulation installed.
6. Insulation R-Value: Indicate the insulation R-value being installed vertically and horizontally (if applicable).
7. Vertical Insulation Length: Indicate, in inches, the length of the insulation being installed.
8. Horizontal Insulation Length: Indicate, in feet, the length of the insulation being installed from the outside edge of the vertical insulation to the center of the slab.

G. Radiant Barrier

1. Brand Name and Product Number: Indicate the brand name and product number of the product used.
2. Installation Type: Indicate the installation type from the following list:
 - i. Attached to underside of roof deck;
 - ii. Attached to bottom of truss/rafters;
 - iii. Attached between truss/rafters;
 - iv. Draped over top of truss/rafters;
 - v. Attached to underside of roof deck with air space; or
 - vi. Attached to underside of roof deck with baffle.

NOTE: One of these six installation methods must be used; no other methods are allowed.

3. Total Attic Area (ft²): Provide the total attic area over conditioned space. When determining the total attic area, the area over unconditioned spaces such as a garage is included when the attic spaces are connected. At least one square foot of net free venting area is required for each 300 square feet (ft²) of attic (1:300).

H. Required Vent Area

1. Combined net free area (NFA) of installed upper and lower vents (in²): Indicate the total combined NFA of installed upper and lower vents in square inches.
2. Minimum required combined net free area (NFA) of upper and lower vents (in²): Total attic area divided by 300 and multiplied by 144.
3. Net free area (NFA) of installed upper vents (in²): Indicate the total NFA of installed upper vents in square inches (in²).
4. Minimum required net free area (NFA) of upper vents (in²): Table H item 1 (combined NFA of installed upper and lower vents) multiplied by 0.3.

I. Roofing Products (Cool Roof) Installation Information

1. Roof Pitch: Indicate whether the roof pitch is less than 2:12 or greater than or equal to 2:12
2. CRRC Product ID Number: If a cool roof is installed, obtain the Product ID Number from the Cool Roof Rating Council's (CRRC) product packaging label or [rated products directory](#).
3. Product Type: Indicate the product type being used.
4. CRRC Listed Aged Solar Reflectance: State whether the 3-year aged solar reflectance value of the product used is listed on the Cool Roof Rating Council's (CRRC) product packaging label or [rated products directory](#)—Yes or No.
5. Initial Solar Reflectance: Indicate the initial solar reflectance value of the product used; obtained from the Cool Roof Rating Council's (CRRC) product packaging label or [rated products directory](#).
6. Aged Solar Reflectance: Indicate the aged solar reflectance value of the product used; obtained from the Cool Roof Rating Council's (CRRC) product packaging label or [rated product directory](#).

Note: If the 3-year aged value is not available then use the equation in Section 110.8(i)2 of the Energy Standards to calculate an aged solar reflectance. One can also use the “Calculated Aged Solar Reflectance” from the Solar Reflectance Index (SRI) Calculator” available at the [California Energy Commission’s website](#).

7. Thermal Emittance: Indicate the thermal emittance value of the product used; obtained from the Cool Roof Rating Council’s (CRRC) product packaging label or [rated products directory](#). This can be either the initial or aged value.
8. Solar Reflectance Index (SRI): If applicable, obtain the value of the product used from the [Cool Roof Rating Council’s \(CRRC\) rated products directory](#), or the “Solar Reflectance Index (SRI) Calculator” available at the [California Energy Commission’s website](#).

J. Radiant Barrier and Attic Ventilation – Additional Requirements

This section contains additional requirements for Radiant Barriers, Lower Vents, Upper Vents, and Vent Area.

K. Roofing Products (Cool Roof) – Additional Requirements

This section contains additional requirements for Roofing Products.

L. Fenestration/Glazing

1. Tag/ID: The labeling format used in the plans - ensure each unique type is used consistently throughout the plan set (elevations, finish schedules, etc.) to identify each matching fenestration product, such as: Window-1, Skylight-1 etc. It should also be consistently used on the other forms in the same compliance documentation.
2. Manufacturer/Brand: Provide the manufacturer and brand name which identifies the fenestration product being installed.
3. Fenestration Area (ft²): Indicate the total installed surface area (ft²) of the fenestration.
4. Orientation: Indicate the orientation of the same like fenestration. Use different lines if the orientation of the same fenestration varies. Enter: N, S, E, or W.
5. Chromogenic: Is the glazing product chromogenic? Yes or No
6. U-factor: Indicate the specified U-factor of the fenestration product(s) being installed. Do not mix different types on the same line.
7. U-factor Source: NFRC, CEC Default, NA6 Alternative, or Area-weighted Average Worksheet (ENV-02). Enter the appropriate temporary label certificate identified as NFRC, CEC Default, NA6 Alternative, or Area-weighted Average Worksheet (ENV-02). All windows installed must have a label certificate which identifies the window’s efficiencies. NFRC rated products have a temporary label that can be looked up in the NFRC product directory at: <http://search.nfrc.org/search/searchDefault.aspx>.
8. SHGC: Indicate the specified SHGC of the fenestration product(s) being installed. Do not mix different types on the same line.
9. SHGC Source: NFRC, CEC Default, NA6 Alternative, or Area-weighted Average Worksheet (ENV-02). Enter the appropriate temporary label certificate identified as NFRC, CEC Default, NA6 Alternative, or Area-weighted Average Worksheet (ENV-02). All windows installed must

have a label certificate which identifies the window's efficiencies. NFRC rated products have a temporary label that can be looked up in the NFRC product directory at: <http://search.nfrc.org/search/searchDefault.aspx>.

10. Fenestration Type: Provide a description of the window type, for instance, the frame material, coatings, whether it is operable or fixed.
11. Exterior Shading Devices: If exterior shading devices are installed in conjunction with fenestration then indicate the type used (e.g. sunscreens, vertical roller or shades, retractable or drop arm or operable awnings, or roll down blinds or slats); or if an overhang is, or will be installed.
12. Comments/Special Features: Additional information for the field inspector.

M. Fenestration/Glazing – Additional Requirements

This section contains additional requirements for Fenestration/Glazing.

N. Space Conditioning (SC) Systems – Heating/Cooling

If an existing system will condition an addition, the prescriptive requirements do not apply to that system (Exception 4 to Section 150.2(a)). The enforcement agencies may require verification that the capacity of the existing heating system is adequate to meet the added load of the additional conditioned floor area. Since there is no health and safety code requirement to provide cooling, the enforcement agency will not ask for verification that the capacity of the existing cooling system is adequate to meet the added load of the additional conditioned floor area.

1. Space Conditioning (SC) System Identification or Name: Name of the Space Conditioning (SC) System or any other identifying name.
2. Space Conditioning (SC) System Location or Area Served: Zone, or area, served by the Space Conditioning (SC) System.
3. Exemption from HERS Verification: Section 150.2(b)1E
 - a. Space Conditioning (SC) System was not altered.
 - b. Duct systems with less than 25 linear feet in unconditioned spaces as determined by visual inspection.
 - c. Existing duct systems constructed, insulated or sealed with asbestos.
 - d. Duct systems that have been documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Appendices, Residential Appendix, RA3.1.

O. Installed Water Heating Systems

Water heating compliance for an addition is described in Section 150.2(a)1D. When a water heater is added as part of an addition in a single dwelling the Prescriptive Standards allow four options under Section 150.2(a)1D:

1. A single heat pump water heater. The storage tank shall not be located outdoors and shall be placed on an incompressible, rigid insulated surface with a minimum thermal resistance of R-10. The water heater shall be installed with a communication interface that meets either the requirements of Section 110.12(a) or has an ANSI/CTA-2045-B communication port; or
2. A single heat pump water heater that meets the requirements of NEEA Advanced Water Heater Specification Tier 3 or higher; or

3. A gas or propane instantaneous water heater with an input of 200,000 Btu per hour or less and no storage tank; or
4. For addition that are 500 square feet or less, an instantaneous electric water heater with point of use distribution as specified in the Reference Appendices, Residential Appendix, RA4.4.5

1. Water Heating System Identification or Name: Name of the Water Heating System or any other identifying name.
2. Water Heating System Type: Domestic Hot Water (DHW), Hydronic, or Combined Hydronic. DHW is for domestic hot water, hydronic is a water heating system used for space heating only; combined hydronic is when the water heater will provide both space conditioning and domestic hot water.
3. System Option (from §150.2(a)1D): Indicate the prescriptive system option: 1, 2, 3, or 4.
4. Water Heater Type: Consumer Instantaneous, Heat pump water heater, or NEEA Tier 3 heat pump water heater
5. Number of Water Heaters/Compressors in System: Enter the total number of water heaters or compressors for each system.
6. Fuel Type: Natural Gas, Propane, Heat Pump, or Electricity.
7. Rated Input: Enter the numeric value of rated input.
8. Tank Location: For heat pump water heaters, indicated whether the storage tank is located in the garage or conditioned space. Otherwise, enter 'n/a'.
9. Distribution Type: If pursuing Option 4, then this will be point of use distribution. Otherwise, enter 'Standard'.

P. Installed Water Heater Manufacturer Information

This table reports the manufacturer information of the installed water heater(s). Require one line for each installed water heater.

1. Water Heating System ID or Name: Name of the Water Heating System or any other identifying name.
2. Manufacturer: Provide the manufacturer's name which identifies the water heater being installed.
3. Model Number: Provide the model number which identifies the water heater being installed.

Documentation Declaration Statements

1. The person who prepared the CF2R will sign and complete the fields for their name, company (if applicable), address, phone number, certification information (if applicable), date and signature.
2. The person who is assuming responsibility for the project being built to comply with Title 24, Part 6, will complete the fields for their name, company (if applicable), address, phone number, license number (if applicable), date and signature.