

CERTIFICATE OF COMPLIANCE: RESIDENTIAL (Page 1 of 5) CF-1R
Project Title: ROOM ADDITION Date: 10/19/09 Building Permit #
Project Address: 4951 RUELLE DE MER
San Diego, CA 92130
Designer: MARCO A. LAUREANO Telephone: 605-2358 Field Check Date
Compliance Method: PACKAGE D Climate Zone: 1 Enforcement Agency Use Only

Alternative Component Package Method (check one):
A. Package C and Package D covers square HERS meter field verification and diagnostic testing (see CF-1R page 1).
B. For Package 1) Alternative to Appendix B Table 151-C, packages 1-4 for Residential Compliance Manual (RCM).
C. General Information
Total Conditioned Floor Area (CFA) 391 sf (748+143)
Average Ceiling Height: 8 ft

Building Type: (check one or more) X Single Family Multifamily Addition X Alteration
(if adding fenestration, floor-out, WS-R, Fenestration Maximum Allowed Area Worksheet and see section 8.3.2 for Additions and 8.3.3 for Alterations in the RCM)
• Maximum Allowed Total Fenestration Area: 182 sf (from WS-R)
• Maximum Allowed West Facing Fenestration Area: 95 sf (from WS-R)
• Number of Stories: 1 Number of Dwelling Units: 1
• Floor Construction Type: (Single/Family/Commercial) (input from orientation in degrees)
• Floor Orientation: (East/West/South/North) (input from orientation in degrees)
• Front North and Grid Line: (input from orientation in degrees)

OPaque SURFACES INCLUDING OPAQUE DOORS

Component	Frame	Continuous Insulation R-Value	Assembly U-factor (for wood metal frames and assemblies)	Joint Appendix IV Reference	Roof Radiant Barrier Installed (Yes/No)	Location Comments (intc, garage, etc.)
WALL	WOOD	R-13			NO	(TYP)
ROOF	WOOD	R-30			NO	ATTIC

1) See Joint Appendix IV in Section IV.2, IV.3, and IV.4, which is the basis for the U-factor criterion. U-factors can not exceed prescriptive values to show equivalence to R-values.
2) This column is for the inspector to verify installation of roof radiant barrier.

Residential Compliance Forms December 2005

CERTIFICATE OF COMPLIANCE: RESIDENTIAL (Page 5 of 5) CF-1R
Project Title: ROOM ADDITION Date: 10/19/09
Special Remarks

COMPLIANCE STATEMENT
This certificate of compliance lists the building features and specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations, and the administrative regulations to implement them. This certificate has been signed by the individual with overall design responsibility. The undersigned recognizes that quality and building envelope detailing require manual detailing and certification and HERS verification by an approved HERS rater.

DESIGNER OR OWNER (per Business and Professions Code) Documentation Author
Name: MARCO A. LAUREANO
Address: MARCO'S HOUSE PLANS AND DESIGN, 560 L'INNETTE CIR, VISTA, CA 92084
Telephone: 605-2358
License #: 6964
Signature: 10/19/09

Residential Compliance Forms December 2005

CERTIFICATE OF COMPLIANCE: RESIDENTIAL (Page 2 of 5) CF-1R
Project Title: ROOM ADDITION Date: 10/19/09

PENETRATION PRODUCTS - EXTRACTOR AND RANGE Hood

Fenestration #/Type/Frame/Spigot	Other Area (ft²)	U-Factor	SIGC	Shading/Overhang Factor	Notes
REAR	5	0.61	NFRC	0.40	
RIGHT	15	0.61	NFRC	0.40	

1) Sky-lights are now included in West-facing fenestration area if the sky-light is tilted to the west or tilted in any direction when the pitch is less than 1:12. See §15103(c) and Section 3.2.3 of the Residential Manual.
2) Enter values in this column from either NFRC Certified Label or from Standard Detail Table 11-6-A.
3) Indicate source other than NFRC or Table 11-6-A.
4) Enter values in this column from NFRC or from Standard Detail Table 11-6B or adjusted SIGC from WS-R.
5) Indicate source other than NFRC, Table 11-6B or WS-R.
6) Shading Devices are defined in Table 3-3 in the Residential Manual and see WS-R to calculate Extractor Shading Devices.
7) See Section 3.2.4 in the Residential Manual.

HVAC SYSTEMS

Heating Equipment (Type and Capacity (kW or Btu/hr))	Minimum Efficiency (AFUE or EF)	Distribution Type and Location (ducts, etc.)	Date of Piping R-Value	Thermostat Type	Configuration (split or package)
CENTRAL FURNACE	82%				
EXISTING					

1) See Joint Appendix IV in Section IV.2, IV.3, and IV.4, which is the basis for the U-factor criterion. U-factors can not exceed prescriptive values to show equivalence to R-values.
2) This column is for the inspector to verify installation of roof radiant barrier.

Residential Compliance Forms December 2005

MANDATORY MEASURES SUMMARY: RESIDENTIAL (Page 1 of 2) MF-1R
Project Title: ROOM ADDITION Date: 10/19/09

DESCRIPTION

DESCRIPTION	NA	Builder	Enforce
1. Fenestration products installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Fenestration products installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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5. Fenestration products installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Residential Compliance Forms December 2005

CERTIFICATE OF COMPLIANCE: RESIDENTIAL (Page 3 of 5) CF-1R
Project Title: ROOM ADDITION Date: 10/19/09

SEALING DETAILS AND TYPICAL ALTERNATIVE MEASURES

Requirement	Compliance
1. Fenestration products installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual.	<input type="checkbox"/>
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3. Fenestration products installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual.	<input type="checkbox"/>
4. Fenestration products installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual.	<input type="checkbox"/>
5. Fenestration products installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual.	<input type="checkbox"/>

1) For each gas venting system (gas furnace, gas water heater, gas boiler, gas fireplace, etc.), the venting system must be installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual. For each gas venting system, the venting system must be installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual. For each gas venting system, the venting system must be installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual.

WATER HEATING SYSTEMS

Water Heater Type	Rated Capacity (gal/hr)	Energy Factor (EF)	Standby Loss (%)	External Insulation R-Value

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Residential Compliance Forms December 2005

MANDATORY MEASURES SUMMARY: RESIDENTIAL (Page 2 of 2) MF-1R
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Residential Compliance Forms December 2005

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SPECIAL FEATURES REQUIRING BUILDING OPTICAL OR HERS RATER VERIFICATION

Feature	Compliance
1. Fenestration products installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual.	<input type="checkbox"/>
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3. Fenestration products installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual.	<input type="checkbox"/>
4. Fenestration products installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual.	<input type="checkbox"/>
5. Fenestration products installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual.	<input type="checkbox"/>

1) For each gas venting system (gas furnace, gas water heater, gas boiler, gas fireplace, etc.), the venting system must be installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual. For each gas venting system, the venting system must be installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual.

HVAC EQUIPMENT

Equipment	Compliance
1. Fenestration products installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual.	<input type="checkbox"/>
2. Fenestration products installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual.	<input type="checkbox"/>
3. Fenestration products installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual.	<input type="checkbox"/>
4. Fenestration products installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual.	<input type="checkbox"/>
5. Fenestration products installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual.	<input type="checkbox"/>

1) For each gas venting system (gas furnace, gas water heater, gas boiler, gas fireplace, etc.), the venting system must be installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual. For each gas venting system, the venting system must be installed in accordance with the prescriptive values in Table 11-6-A of the Residential Manual.

Residential Compliance Forms December 2005

PENETRATION - MAXIMUM ALLOWED AREA WORKSHEET WS-4R
Project Title: ROOM ADDITION Date: 10/19/09

EXISTING

Orientation	Area (ft²)	Total Area (ft²)
North	15	15
South	15	15
East	15	15
West	15	15
TOTAL	60	60

NEW CONSTRUCTION - NEW BUILDINGS

Orientation	Area (ft²)	Total Area (ft²)
North	15	15
South	15	15
East	15	15
West	15	15
TOTAL	60	60

Residential Compliance Forms December 2005

MARCO'S HOUSE PLANS & DESIGN
Architectural CAD drafting
Building Permits
Room and patio additions
Marco A. Laureano
License #: 6634
760.805.2358
760.941.2678

DESIGNO DIBUJO Y CONSTRUCCION
Dibujo de planos arquitectonicos
Permisos de construcion
Ampliacion de cuartos y patios
Marco A. Laureano
License #: 6634
760.805.2358
760.941.2678

MR. CHIDAN
HOME: 000-000-0000
CELL: 000-000-0000
XXX RUELLE DE MER
SAN DIEGO, CA 92130

PROJECT NAME: CHIDAN'S ROOM ADDITION
XXX RUELLE DE MER
SAN DIEGO, CA 92130

REVISIONS
DECEMBER / 2009
OCTOBER / 2009
AS SPECIFIED
FLOOR PLAN PREPARED BY: MARCO A. LAUREANO
JOB: ROOM ADDITION
SHEET: T-24