

MULTI-FAMILY/CONDOMINIUM (3 OR MORE UNITS)

FACSIMILE TRANSMITTAL SHEET

Date: _____ From: _____
To: _____ Your Phone Number: _____
To Fax Number: (559) 498-4357 Your Fax Number: _____
Number of Pages Transmitted _____ including this page

PERMIT #: _____

RE-ROOF PERMIT APPLICATION

Project Address: _____

Owner: _____

Contractor Information: _____
Company Name Address Phone Number

Building Use: 3-plex 4-plex Apartments Condominiums

Valuation-Total Cost of Roofing Material and Labor: _____

Proposed Roofing Material:

Wood Shake/Shingles Asphalt Shingle/Composition Single Ply Metal
 Built-Up/Torch Down/Rolled Heavy/Light Weight Tile Foam/Liquid Coating Other _____

Roofing Material Information & Approvals:

Manufacturer's Name _____ ICC Evaluation Report No. _____

Cool Roof Rating Council (CRRC) Ratings: Solar Reflectance: _____ Thermal Emittance/SRI: _____

CRRC Product ID No. _____ Cool Roof Exceptions: Roof Deck Insulation Sealed Ducts (Tested)
 Attic Ventilation* R-30 Attic Insulation
 Radiant Barrier No Ducts in Attic

Installed Weight of Tile: _____ Roof Slope: _____ Roofing Area: _____

Tear Off Overlay (Only one existing may remain)

COMMENTS: _____

- * The Attic Ventilation Worksheet shall be completed by the contractor/applicant to determine the number of vents required to comply with minimum Building Code requirements. (see attached)
- * FOR LARGE STRUCTURES OR STRUCTURES WITH COMPLEX ROOF AND ATTIC AREAS, A ROOF PLAN SHALL BE PROVIDED SHOWING LOCATION OF EXISTING AND PROPOSED ATTIC VENTS.

COOL ROOF PRODUCTS SHALL MEET THE REQUIREMENTS AS NOTED BELOW:

CALIFORNIA ENERGY CODE

**SECTION 152 ROOF REPLACEMENTS - LOW-RISE RESIDENTIAL
MULTI-FAMILY/CONDOMINIUM (3 OR MORE UNITS)**

STRUCTURE	LOW-SLOPE < 2/12	STEEP SLOPE	ROOFING DENSITY < 5 PSF	ROOFING DENSITY > 5 PSF	SOLAR REFLECTANCE (MINIMUM)	THERMAL EMITTANCE (MINIMUM)	SRI	NOTES	EXCEPTIONS
LOW-RISE RESIDENTIAL	X				0.55	0.75	64		h
LOW-RISE RESIDENTIAL		X	X		0.20	0.75	16	1	a-b-c-d-e-f-g
LOW-RISE RESIDENTIAL		X		X	0.15	0.75	10	1	a-b-c-d-e-f-g

EXCEPTIONS:

CIRCLE WHICH EXCEPTION TO THE COOL ROOF REQUIREMENTS YOU ARE REQUESTING

- a. Insulation with a thermal resistance of at least 0.85 hr·ft²·F/Btu or at least a ¾ inch airspace is added to the roof deck over an attic; **Or**
- b. Existing ducts in the attic are insulated and sealed according to Section 151(f)10, HERS rating required with Cf4R Form **Or**
- c. Attic ventilation equal to 1/150 of the attic floor area and 30% within 2' vertical of the ridge. **Or**
- d. R-30 attic insulation. **Or**
- e. Building has a radiant barrier in the attic meeting the requirements of Section 151(f) 2. **Or**
- f. Building has no ducts in the attic. **Or**
- g. R-3 insulation installed on the deck above vented attic. **Or**
- h. Building has no ducts in attic.

NOTES:

- 1. **The attic ventilation is required to meet current California Building Code requirements when roofing with composition shingles due to manufacturer's warranty requirements. Low vents must be distributed equally around the structure. Current CBC requirement is 1/300 of the attic floor area. (SEE ATTIC VENTILATION WORKSHEET)**

TYPICAL VALUES FOR ATTIC VENTS

Soffit Vents

3.5 x 14.5 = 30 sq ins
 3.5 x 22.5 = 50 sq ins
 5.5 x 22.5 = 80 sq ins

Small Dormer Vents

50 sq ins

Large Dormer Vents

100 sq ins

Ridge Vents

Per ICC Evaluation Report

ATTIC VENTILATION WORKSHEET

STEP 1

Determine Total Square Feet of Attic Floor Space (“Enclosed” Attic Space)

Length of Attic _____ x Width of Attic _____ = (a¹) _____ Square feet of attic space
(Repeat process for all attic areas)

Length of Attic _____ x Width of Attic _____ = (a²) _____ Square feet of attic space
(Repeat process for all attic areas)

Areas without Attic Space / Unenclosed / Vaulted ceiling (b) = _____ Square feet

Net Ventable Attic Space (c) = _____ Square Feet (a) – (b) = (c)

STEP 2

Calculate Ventilation Requirement

(c) _____ ÷ 150 = (d) _____ Square feet of code required ventilation **OR**

(c) _____ ÷ 300 = (d) _____ Square feet of code required ventilation

STEP 3

Convert Square Feet to Square Inches

(d) _____ x 144 = (e) _____ **TOTAL square inches of code required ventilation**

STEP 4

Determine High & Low Ventilation Requirement

(e) _____ ÷ 2 (high & low ventilation) = (f) _____ **Square inches of code required ventilation (high & low)**

STEP 5

Determine Number of Existing Vents and Proposed New Vents in order to meet Ventilation Requirement

Existing High Vents: Number of vents _____ @ _____ square inches = _____ square inches

Existing High Vents: Number of vents _____ @ _____ square inches = _____ square inches

Proposed High Vents: Number of vents _____ @ _____ square inches = _____ square inches

Total High Ventilation to be provided = _____ total square inches

Existing Low Vents: Number of Vents _____ @ _____ square inches = _____ square inches

Existing Low Vents: Number of Vents _____ @ _____ square inches = _____ square inches

Proposed Low Vents: Number of Vents _____ @ _____ square inches = _____ square inches

Total Low Ventilation to be provided = _____ total square inches

Example: (for 1/150 method)

Step 1 Attic Area:

60 ft x 20 ft = (a) 1200 sq ft & (b) = 0

(a) 1200 – (b) 0 = (c) 1200 sq ft

Step 2 Ventilation Calculation:

(c) 1200 ÷ 150 = (d) 8 sq ft

Step 3 Convert to Sq Inches:

(d) 8 sq ft x 144 = (e) 1152 sq in

Step 4 High and Low Vent Area Req'mts:

(e) 1152 ÷ 2 = (f) 576 square inches

Step 5:

Provided Low Vents (intake): 12 soffit vents @ 48 square inches each = 576 square inches

Provided High Vents (exhaust): 12 dormer vents @ 48 square inches each = 576 square inches

Total Ventilation provided: = 1152 square inches