

CITY OF MILL VALLEY GREEN BUILDING GUIDE

STANDARDS FOR ONE- AND TWO-FAMILY RESIDENTIAL ADDITIONS AND ALTERATIONS

These green building standards have been established so that residential additions and alterations move the City of Mill Valley towards a housing stock that is healthy for occupants, has limited impact on the environment, reduces demand for energy, and saves the homeowner money over time. This guide is intended to help applicants understand the green building requirements that apply to their project and what documentation is necessary to comply with these standards.

GREEN BUILDING PROJECT PROCESS

1 PROJECT DESIGN

It is important for project owners, architects, engineers, and designers to understand the applicable state and local green building requirements prior to project design. Early consideration of these standards allows for design of buildings and systems that are compliant, energy efficient, and cost effective, and minimizes back and forth when applying for the project permit.

2 PLANNING APPLICATION (IF REQUIRED)

If your project is subject to planning review, be prepared to identify in your planning application what compliance methods you've selected and how you plan to meet the requirements. If you anticipate difficulties meeting the requirements outlined in the Green Building Checklist, these concerns and any requests for exemptions should be identified in your planning application.

3 INITIAL BUILDING PERMIT SUBMITTAL

Include the following with your initial application for a building permit:

- Completed Green Building Checklist (*page 2 of this document*)
- Completed CALGreen Checklist, with plan sheet references where applicable
- Title 24 Part 6 energy calculations demonstrating compliance with one of the energy efficiency compliance methods

4 FINAL INSPECTION

When the project is completed, submit finalized checklists, including a Statement of Conformance from the applicable verifier attesting to the accuracy of the assessment, with the final permit materials to the building department to have the green building hold lifted.

DEFINITION OF "NEW CONSTRUCTION"

Per City of Mill Valley Code Section 14.48.020, a newly constructed building (or new construction) includes the production of new or replacement building(s) and major remodels. A major remodel, per City of Mill Valley code section 14.48.030 means structural modifications or additions made to a dwelling, which are greater than 50% of either: (1) the current square footage of such dwelling; or (2) the current exterior roof structure and exterior walls of such dwelling.

For more information, please visit <http://www.cityofmillvalley.org/gov/departments/building>

CITY OF MILL VALLEY GREEN BUILDING CHECKLIST

STANDARDS FOR ONE- AND TWO-FAMILY RESIDENTIAL
ADDITIONS AND ALTERATIONS

PROJECT ADDRESS: _____

APN: _____ APPLICANT NAME: _____

1. GREEN BUILDING

FOR PROJECTS LESS THAN 1,200 SQUARE FEET

The permit application includes a completed Mill Valley Mandatory CALGreen checklist

VERIFICATION: The checklist will be verified by City plans examiners.

FOR PROJECTS GREATER THAN OR EQUAL TO 1,200 SQUARE FEET

The permit application includes a completed Mill Valley CALGreen Tier 1 checklist

VERIFICATION: The checklist must be completed and signed off on by a qualified building professional, such as an architect, engineer, contractor, or qualified green building professional

2. ELECTRIC VEHICLE (EV) READINESS

FOR PROJECTS UPGRADING THE ELECTRICAL SERVICE PANEL

The completed Mill Valley CALGreen Tier 1 checklist and plans demonstrate compliance with CALGreen Measure A4.106.8.1, which provides readiness for future Level 2 EV charging

VERIFICATION: Completion of this measure should be confirmed by the verifier of the CALGreen Checklist.

3. ENERGY EFFICIENCY AND ELECTRIFICATION

Meet the standards outlined for the project in the 2019 Building Energy Efficiency Standards. While local standards for additions and alterations do not require applicants to exceed statewide energy efficiency codes, be aware of the mandatory requirements established by the state that may apply to your project. Changes that may trigger additional requirements or HERS verification may include, but are not limited to, the addition, alteration, or expansion of:

- Fenestration, including windows, skylights, and doors with more than 3 square feet of glass
- Insulation
- Ducts
- New space heating and cooling, water heating, and ventilation systems

VERIFICATION: Compliance will be verified via Title 24 Energy Reports by a HERS rater