

MARIN COUNTY CALGREEN CHECKLIST

STANDARDS FOR RESIDENTIAL PROJECTS

PROJECT ADDRESS: _____

APN: _____ APPLICANT NAME: _____

This checklist is effective January 1, 2026, and applies to all newly constructed residential buildings and additions and alterations of residential buildings:

Attach this CALGreen checklist to your plans to demonstrate compliance with the green building code. State checklists, AIA checklists, and equivalent documentation are also accepted. For more information on CALGreen and complete measure language, see [Marin County Building Code, Chapter 19.04, Subchapter 2](#) which requires (with amendments) [CALGreen Chapter 4](#) for all projects and [Appendix A4](#) for new construction and remodels over 500 square feet..

DIVISION 4.1 PLANNING AND DESIGN

- ✓ **(MANDATORY)** measures are required for all projects, unless not in project scope.
- ✓ **(MANDATORY FOR TIER 1)** measures are required only for Tier 1 projects.
- ✓ **(ELECTIVE)** Tier 1 projects must select a minimum of one elective measures in this section.. Elective measures are optional for all other projects.
- ✓ Use the Checkboxes (☒) to mark measures as Completed or Not Applicable (N/A).

Site Selection

A4.103.1 (ELECTIVE) Selection. A site which complies with at least one of the following characteristics is selected (check at least one):

- Infill
- Grey field
- EPA-recognized Brownfield
- N/A *Plan sheet reference (if applicable):* _____

A4.103.2 (ELECTIVE) Community connectivity. Facilitate community connectivity by one of the following methods (check at least one):

- Locate project within ¼ mile true walking distance of at least 4 [basic services](#)
- Locate project within ½ mile true walking distance of at least 7 basic services
- Other methods increasing access to additional resources
- N/A *Plan sheet reference (if applicable):* _____

Site Preservation

A4.104.1 (ELECTIVE) Supervision and education. An individual with oversight responsibility of the project has participated in an educational program promoting environmentally friendly design or development and has provided training or instruction to appropriate entities.

Completed N/A *Plan sheet reference (if applicable):* _____

Deconstruction and Reuse of Existing Materials

A4.105.2 (ELECTIVE) Reuse of materials. Existing buildings are deconstructed and the salvaged materials are reused. The proposed structure utilizes at least one of the following reused materials (check at least one):

- | | |
|--------------------------------------------|-----------------------------------------------------------------|
| <input type="checkbox"/> Light fixtures | <input type="checkbox"/> Electrical devices |
| <input type="checkbox"/> Plumbing fixtures | <input type="checkbox"/> Appliances |
| <input type="checkbox"/> Doors and trim | <input type="checkbox"/> Foundations or portions of foundations |
| <input type="checkbox"/> Masonry | |
| <input type="checkbox"/> N/A | <i>Plan sheet reference (if applicable):</i> _____ |

Site Development

4.106.2 (MANDATORY) Storm water drainage and retention during construction. A plan is developed and implemented to manage storm water drainage during construction through the [Marin Countywide Stormwater Pollution Prevention Program](#).

Completed N/A *Plan sheet reference (if applicable):* _____

4.106.3 (MANDATORY) Grading and paving. Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings.

Completed N/A *Plan sheet reference (if applicable):* _____

4.106.4.1 (MANDATORY) Electric vehicle charging for one- and two-family dwellings and townhouses with attached private garages. For new construction or if the project scope includes upgrading the electrical service panel, install a 40 ampere, 208/240-volt dedicated branch circuit, capable of supporting Level 2 EVSE, terminating with a receptacle or an EV charger in close proximity to the vehicle charging area, in accordance with [Marin County Building Code, Section 19.10.135](#).

Completed N/A *Plan sheet reference (if applicable):* _____

4.106.4.2.2 (MANDATORY) Electric vehicle charging for new multifamily dwellings. Provide capability for electric vehicle charging for new multifamily dwellings in accordance with CALGreen Section 4.106.4.2.2, where:

1. 100% of parking spaces, or at least 1 per unit, are equipped with low power Level 2 EV charging receptacles.
2. 25% of common use parking spaces are equipped with Level 2 EV chargers with J1772 or J3400 connectors.

Completed N/A *Plan sheet reference (if applicable):* _____

4.106.4.2.6 (MANDATORY) Electric vehicle charging for new hotels and motels. Provide capability for electric vehicle charging for new hotels/motels in accordance with CALGreen Section 4.106.4.2.6, where:

1. 40% of parking spaces are equipped with low power Level 2 EV charging receptacles.
2. 25% of parking spaces are equipped with Level 2 EV chargers with J1772 or J3400 connectors.

Completed N/A *Plan sheet reference (if applicable):* _____

4.106.4.3 (MANDATORY) Electric vehicle charging for additions and alterations of existing multifamily buildings, hotels, and motels. When existing parking facilities are altered or new parking spaces are added to existing parking facilities, and the work requires a building permit, or when additions or alterations to existing buildings upgrade the service panel, provide capability for electric vehicle charging in accordance with [Marin County Building Code, Section 19.10.135](#).

Completed N/A *Plan sheet reference (if applicable):* _____

4.106.4.4 (MANDATORY) Bicycle parking. Short-term and long-term bicycle parking shall be provided for multifamily buildings, hotels and motels as specified in 4.106.4.4.1 through 4.106.4.4.3.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.106.2.1 (ELECTIVE) Soil analysis. Soil analysis is performed by a licensed design professional and the findings are utilized in the structural design of the building.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.106.2.2 (ELECTIVE) Soil protection. Soil disturbance and erosion are minimized by using at least one of the following (check at least one):

- Natural drainage patterns are evaluated and erosion controls are implemented to minimize erosion during construction and after occupancy.
- Site access is accomplished by minimizing the amount of cut and fill needed to install access roads and driveways.
- Underground construction activities are coordinated to utilize the same trench, minimize the amount of time the disturbed soil is exposed, and the soil is replaced using accepted compaction methods.

N/A *Plan sheet reference (if applicable):* _____

A4.106.2.3 (MANDATORY FOR TIER 1) Topsoil protection. Topsoil shall be protected or saved for reuse as specified in this section (check one):

- Tier 1.** Displaced topsoil shall be stockpiled for reuse in a designated area and covered or protected from erosion.

N/A *Plan sheet reference (if applicable):* _____

A4.106.3 (ELECTIVE) Landscape design. Postconstruction landscape designs accomplish one or more of the following (check at least one):

- Areas disrupted during construction are restored to be consistent with native vegetation species and patterns
- Utilize 75 percent of native California or drought tolerant plant and tree species appropriate for the climate zone region.

N/A *Plan sheet reference (if applicable):* _____

A4.106.4 (MANDATORY FOR TIER 1) Water permeable surfaces. Permeable paving is utilized for the parking, walking or patio surfaces in compliance with the following (check one):

Tier 1. Not less than 20% of the total parking, walking, or patio surfaces shall be permeable.

N/A *Plan sheet reference (if applicable):* _____

Innovative Concepts and Local Environmental Conditions

A4.108.1 (ELECTIVE) Items in this section are necessary to address innovative concepts or local environmental conditions.

Completed N/A *Plan sheet reference (if applicable):* _____

DIVISION 4.2 ENERGY EFFICIENCY

- ✓ All measures marked as **(MANDATORY)** are required unless not in project scope.
- ✓ Use the Checkboxes (☒) to mark as Completed, Not Applicable (N/A), or the measure selected.

General

4.201.1 (MANDATORY) Building meets or exceeds the requirements of the California Building Energy Efficiency Standards as modified by Marin County [Marin County Building Code, Chapter 19.04, Subchapter 2](#)

Completed N/A *Plan sheet reference (if applicable):* _____

DIVISION 4.3 WATER EFFICIENCY AND CONSERVATION

- ✓ **(MANDATORY)** measures are required for all projects, unless not in project scope.
- ✓ **(ELECTIVE)** Tier 1 projects must select a minimum of two elective measures in this section. Elective measures are optional for all other projects.
- ✓ Use the Checkboxes (☒) to mark measures as Completed or Not Applicable (N/A).

Indoor Water Use

4.303.1 (MANDATORY) Water conserving plumbing and fittings. Plumbing fixtures (water closets and urinals) and fittings (showerheads, faucets and pre-rinse spray valves) installed in residential buildings shall comply with the prescriptive requirements of Sections 4.303.1.1 through 4.303.1.4.5.

Completed N/A *Plan sheet reference (if applicable):* _____

4.303.2 (MANDATORY) Submeters for multifamily building and dwelling units in mixed-use residential/commercial buildings. Submeters shall be installed to measure water usage of individual rental dwelling units in accordance with the *California Plumbing Code*.

Completed N/A *Plan sheet reference (if applicable):* _____

4.303.3 (MANDATORY) Standards for plumbing fixtures and fittings. Plumbing fixtures and fittings shall be installed in accordance with the *California Plumbing Code* and shall meet the applicable standards referenced in Table 1701.1 of the *California Plumbing Code*.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.303.1 (ELECTIVE) Kitchen faucets. The maximum flow rate of kitchen faucets shall not exceed 1.5 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.5 gallons per minute at 60 psi. Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.303.2 (ELECTIVE) Alternate water sources for nonpotable applications. Alternate nonpotable water sources are used for indoor potable water reduction. Alternate nonpotable water sources shall be installed in accordance with the *California Plumbing Code*.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.303.3 (ELECTIVE) Appliances. Install at least one qualified ENERGY STAR dishwasher or clothes washer.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.303.4 (ELECTIVE) Nonwater urinals and waterless toilets. Nonwater urinals or composting toilets are installed.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.303.5 (ELECTIVE) Hot water recirculation systems. One- and two-family dwellings shall be equipped with a demand hot water recirculation system.

Completed N/A *Plan sheet reference (if applicable):* _____

Outdoor Water Use

4.304.1 (MANDATORY) Outdoor potable water use in landscape areas. Residential developments shall comply with the [Marin Municipal Water District's Water Efficient Landscaping Requirements](#).

Completed N/A *Plan sheet reference (if applicable):* _____

A4.304.1 (ELECTIVE) Rainwater catchment systems. A rainwater capture, storage, and reuse system is designed and installed to use rainwater generated by at least 65 percent of available roof area.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.304.2 (ELECTIVE) Potable water elimination. A landscape design is installed which does not utilize potable water.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.304.3 (ELECTIVE) Landscape water meters. For new water service connections, landscaped irrigated areas less than 5,000 square feet shall be provided with separate submeters or metering devices for outdoor potable water use.

Completed N/A *Plan sheet reference (if applicable):* _____

Water Reuse Systems

A4.305.1 (ELECTIVE) Graywater. Piping is installed to permit future use of a graywater irrigation system served by the clothes washer or other fixtures.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.305.2 (ELECTIVE) Recycled water piping. Recycled water piping is installed.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.305.3 (ELECTIVE) Recycled water for landscape irrigation. Recycled water is used for landscape irrigation.

Completed N/A *Plan sheet reference (if applicable):* _____

Innovative Concepts and Local Environmental Conditions

A4.306.1 (ELECTIVE) Items in this section are necessary to address innovative concepts or local environmental conditions.

Completed N/A *Plan sheet reference (if applicable):* _____

DIVISION 4.4 MATERIAL CONSERVATION & RESOURCE EFFICIENCY

- ✓ **(MANDATORY)** measures are required for all projects, unless not in project scope.
- ✓ **(MANDATORY FOR TIER 1)** measures are required only for Tier 1 projects.
- ✓ **(ELECTIVE)** Tier 1 projects must select a minimum of two elective measures in this section.. Elective measures are optional for all other projects.
- ✓ Use the Checkboxes (☒) to mark measures as Completed or Not Applicable (N/A).

Foundation Systems

A4.403.1 (ELECTIVE) Frost protected foundation systems. A Frost-Protected Shallow Foundation (FPSF) is designed and constructed in compliance with the *California Residential Code*.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.403.2 (MANDATORY FOR TIER 1) Reduction in cement use. Cement use in foundation mix design is reduced.

Tier 1. Not less than a 20% reduction in cement use.

Tier 2. Not less than a 25% reduction in cement use.

N/A *Plan sheet reference (if applicable):* _____

Efficient Framing Techniques

A4.404.1 (ELECTIVE) Lumber size. Beams and headers and trimmers are the minimum size to adequately support the load.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.404.2 (ELECTIVE) Dimensions and layouts. Dimensions and layouts are designed to minimize waste.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.404.3 (ELECTIVE) Building systems. Use premanufactured building systems to eliminate solid sawn lumber whenever possible.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.404.4 (ELECTIVE) Pre-cut materials and details. Material lists are included in the plans which specify material quantity and provide direction for on-site cuts.

Completed N/A *Plan sheet reference (if applicable):* _____

Material Sources

A4.405.1 (ELECTIVE) Pre-finished building materials. One or more of the following building materials, that do not require additional resources for finishing are used (check at least one):

- Exterior trim not requiring paint or stain
- Windows not requiring paint or stain
- Siding or exterior wall coverings which do not require paint or stain
- N/A *Plan sheet reference (if applicable):* _____

A4.405.2 (ELECTIVE) Concrete floors. Floors that do not require additional coverings are used including but not limited to stained, natural or stamped concrete floors.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.405.3 (MANDATORY FOR TIER 1) Recycled content. Postconsumer or preconsumer recycled content value (RCV) materials are used on the project.

- Tier 1.** Not less than a 10% RCV.
- Tier 2.** Not less than a 15% RCV.
- N/A *Plan sheet reference (if applicable):* _____

A4.405.4 (ELECTIVE) Use of building materials from rapidly renewable sources. Renewable source building products are used.

Completed N/A *Plan sheet reference (if applicable):* _____

Enhanced Durability and Reduced Maintenance

4.406.1 (MANDATORY) Rodent proofing. Annular spaces around pipes, electric cables, conduits, or other openings in sole/bottom plates at exterior walls shall be protected against the passage of rodents by closing such openings with cement mortar, concrete masonry or similar method acceptable to the enforcing agency.

Completed N/A *Plan sheet reference (if applicable):* _____

Water Resistance and Moisture Management

A4.407.1 (ELECTIVE) Drainage around foundations. Install foundation and landscape drains.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.407.2 (ELECTIVE) Roof drainage. Install gutter and downspout systems to route water at least 5 feet away from the foundation or connect to landscape drains which discharge to a dry well, sump, bioswale, rainwater capture system or other approved on-site location.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.407.3 (ELECTIVE) Flashing details. Provide flashing details on the building plans and comply with accepted industry standards or manufacturer's instructions.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.407.4 (ELECTIVE) Material protection. Protect building materials delivered to the construction site from rain and other sources of moisture.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.407.6 (ELECTIVE) Door protection. Exterior doors to the dwelling are protected to prevent water intrusion.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.407.7 (ELECTIVE) Roof overhangs. A permanent overhang or awning at least 2 feet in depth is provided at all exterior walls.

Completed N/A *Plan sheet reference (if applicable):* _____

Construction Waste Reduction, Disposal and Recycling

4.408.1 (MANDATORY) Construction waste management. Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste in accordance with the reporting standards outlined by [Zero Waste Marin](#).

Completed N/A *Plan sheet reference (if applicable):* _____

A4.408.1 (MANDATORY FOR TIER 1) Enhanced construction waste reduction. Construction waste generated at the site is diverted to recycle or salvage in compliance with one of the following:

Tier 1. At least a 65% reduction with a third-party verification.

Tier 2. At least a 75% reduction with a third-party verification.

N/A *Plan sheet reference (if applicable):* _____

Building Maintenance and Operation

4.410.1 (MANDATORY) Operation and maintenance manual. At the time of final inspection, an operation and maintenance manual shall be provided to the building occupant or owner that meets the requirements of 4.410.1.

Completed N/A *Plan sheet reference (if applicable):* _____

4.410.2 (MANDATORY) Recycling by occupants. Where 5 or more multifamily dwelling units are constructed on a building site, provide readily accessible areas that serve all buildings on the site and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a

minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling ordinance, if more restrictive.

Completed N/A *Plan sheet reference (if applicable):* _____

Innovative Concepts and Local Environmental Conditions

A4.411.1 (ELECTIVE) Items in this section are necessary to address innovative concepts or local environmental conditions.

Completed N/A *Plan sheet reference (if applicable):* _____

DIVISION 4.5 ENVIRONMENTAL QUALITY

- ✓ **(MANDATORY)** measures are required for all projects, unless not in project scope.
- ✓ **(MANDATORY FOR TIER 1)** measures are required only for Tier 1 projects.
- ✓ **(ELECTIVE)** Tier 1 projects must select a minimum of one elective measures in this section.. Elective measures are optional for all other projects.
- ✓ Use the Checkboxes (☒) to mark measures as Completed or Not Applicable (N/A).

Fireplaces

4.503.1 (MANDATORY) Any installed gas fireplace shall be a direct-vent sealed-combustion type. Any installed woodstove or pellet stove shall comply with the U.S. EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits. Woodstoves, pellet stoves, and fireplaces shall also comply with applicable local ordinances including [Bay Area Air Quality Management District \(BAAQMD\) Regulation 6, Rule 3](#).

Completed N/A *Plan sheet reference (if applicable):* _____

Pollutant Control

4.504.1 (MANDATORY) Covering of duct openings and protection of mechanical equipment during construction. Duct openings and other related air distribution component openings shall be covered during construction per 4.504.1.

Completed N/A *Plan sheet reference (if applicable):* _____

4.504.2.1 (MANDATORY) Adhesives, sealants and caulks. Adhesives, sealants and caulks shall be compliant with VOC and other toxic compound limits.

Completed N/A *Plan sheet reference (if applicable):* _____

4.504.2.2 (MANDATORY) Paints and coatings. Paints and coatings shall be compliant with VOC limits.

Completed N/A *Plan sheet reference (if applicable):* _____

4.504.2.3 (MANDATORY) Aerosol paints and coatings. Aerosol paints and coatings shall be compliant with product weighted MIR Limits for ROC and other toxic compounds.

Completed N/A *Plan sheet reference (if applicable):* _____

4.504.2.4 (MANDATORY) Verification. Documentation shall be provided to verify that compliant VOC limit finish materials have been used.

Completed N/A *Plan sheet reference (if applicable):* _____

4.504.3 (MANDATORY) Carpet systems. All carpet installed in the building interior shall meet the VOC requirements of the [California Department of Public Health](#).

Completed N/A *Plan sheet reference (if applicable):* _____

4.504.4 (MANDATORY) Resilient flooring systems. Where resilient flooring is installed, at least 80 percent of floor area receiving resilient flooring shall meet the VOC requirements of the [California Department of Public Health](#).

Completed N/A *Plan sheet reference (if applicable):* _____

4.504.5 (MANDATORY) Composite wood products. Hardwood plywood, particleboard, and medium density fiberboard (MDF) composite wood products used on the interior or exterior of the building shall comply with low formaldehyde emission standards.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.504.1. (ELECTIVE) Compliance with formaldehyde limits. Use composite wood products made with either California Air Resources Board approved no-added formaldehyde (NAF) resins or ultra-low emitting formaldehyde (ULEF) resins.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.504.2 (MANDATORY FOR TIER 1) Resilient flooring systems. Install VOC compliant resilient flooring systems.

Tier 1. At least 90% of the resilient flooring installed shall comply.

N/A *Plan sheet reference (if applicable):* _____

A4.504.3 (MANDATORY FOR TIER 1) Thermal insulation. Thermal insulation installed in the building shall meet the following requirements:

Tier 1. Install thermal insulation in compliance with VOC limits.

N/A *Plan sheet reference (if applicable):* _____

Interior Moisture Control

4.505.2 (MANDATORY) Concrete slab foundations. Concrete slab foundations required to have a vapor retarder by the California Building Code, Chapter 19 or concrete slab-on-ground floors required to have a vapor retarder by the California Residential Code, Chapter 5, shall also comply with the capillary break requirements of 4.505.2.1.

Completed N/A *Plan sheet reference (if applicable):* _____

4.505.3 (MANDATORY) Moisture content of building materials. Building materials with visible signs of water damage shall not be installed. Wall and floor framing shall not be enclosed when framing members exceed 19 percent moisture content. Moisture content shall be verified in compliance with 4.505.3.

Completed N/A *Plan sheet reference (if applicable):* _____

Indoor Air Quality and Exhaust

4.506.1 (MANDATORY) Bathroom exhaust fans. Each bathroom shall be provided with the following:

1. ENERGY STAR fans ducted to terminate outside the building.
2. Fans must be controlled by a humidity control (Separate or built-in); OR functioning as a component of a whole-house ventilation system.
3. Humidity controls with manual or automatic means of adjustment, capable of adjustment between a relative humidity range of ≤ 50 percent to a maximum of 80 percent.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.506.2 (ELECTIVE) Construction filter. For high-rise residential buildings, provide filters on return air openings rated MERV 8 or higher during construction when it is necessary to use HVAC equipment.

Completed N/A *Plan sheet reference (if applicable):* _____

A4.506.3 (ELECTIVE) Direct-vent appliances. Direct-vent heating and cooling equipment shall be used when equipment is located in conditioned space; or the equipment must be installed in an isolated mechanical room.

Completed N/A *Plan sheet reference (if applicable):* _____

Environmental Comfort

4.507.2 (MANDATORY) Heating and air-conditioning system design. Duct systems are sized, designed, and equipment is selected using the following methods:

1. Establish heat loss and heat gain values according to ANSI/ACCA 2 Manual J-2016 or equivalent.
2. Size duct systems according to ANSI/ACCA 1 Manual D – 2016 or equivalent.
3. Select heating and cooling equipment according to ANSI/ACCA 3 Manual S-2014 or equivalent.

Completed N/A *Plan sheet reference (if applicable):* _____

Innovative Concepts and Local Environmental Conditions

A4.509.1 (ELECTIVE) Items in this section are necessary to address innovative concepts or local environmental conditions.

Completed N/A *Plan sheet reference (if applicable):* _____

PROJECT VERIFICATION

The undersigned is the party responsible for this building permit application, or an authorized design or green building professional acting on their behalf, and affirms that the measures indicated in these forms are accurately reflected in the project plans and will be implemented in accordance with the applicable requirements of the California Green Building Standards Code (CALGreen) and California Energy Code, as amended by the County of Marin. Applicant must also submit a Marin County Green Building checklist and Low Carbon Concrete form, as applicable.

Signature

Date

Name (Please Print)

Company

FOR PROJECTS SUBMITTED ON OR AFTER JANUARY 1, 2026