



**2022 CALGREEN RESIDENTIAL MANDATORY
MEASURES CHECKLIST Version 1_12_2023**
DEVELOPMENT SERVICES DEPARTMENT – BUILDING DIVISION
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PURPOSE:

The 2022 Cal Green Code applies to all newly constructed hotels, motels, lodging houses, dwellings, dormitories, condominiums, shelters, congregate residences, employee housing, factory-built housing, and other types of dwellings with sleeping accommodations and new accessory buildings associated with such uses. This section also applies to additions and alterations where there is an increase in conditioned space and specifies that these requirements only apply to the specific area of the addition or alteration. Existing site and landscaping improvements that are not otherwise disturbed are not subject to the requirements of Cal Green.

Project Name: _____

Project Address: _____

Project Description: _____

Instructions (for projects of 300 sq. ft. or more):

1. The owner or owner’s agent shall employ a licensed qualified green-point rater (www.builditgreen.org) experienced with the 2022 California Green Building Standards Codes to verify and assure that all required work described herein is properly planned and implemented in the project.
2. The green-point rater, in collaboration with the design professional shall review **Column 2** of this checklist, and initial all applicable measures, sign and date **Section 1 –Design Verification** at the end of this checklist., this form shall be incorporated into the plans.

PRIOR TO FINAL INSPECTION BY THE BUILDING DEPARTMENT, the Green-Point Rater shall complete Column 3 and sign and Date **Section 2 – Implementation Verification** at the end of this checklist and submit the completed form to the Building Department.

MANDATORY FEATURE OR MEASURE	COLUMN 2	COLUMN 3
	Project Requirements Rater to initial applicable measures prior to submitting forms	Verification Rater to verify during construction as applicable to project
Planning and Design Site Development		
4.106.2 A plan is developed and implemented to manage storm water drainage during construction		
4.106.3 Construction plans shall indicate how site grading, or a drainage system will manage all surface water flows to keep water from entering buildings.		
4.106.4 Provide capability for electric vehicle charging for one- and two-family dwellings: townhouses with attached private garages; multifamily dwellings; and hotels/motels in accordance with Section 4.106.4.1 or 4.106.4.2		

Energy Efficiency

General

4.201.1 Building meets or exceeds the requirements of the *California Building Energy Efficiency Standards*³.

Water Efficiency and Conservation

Indoor Water Use

4.303.1. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) installed in residential buildings shall comply with the prescriptive requirements of Sections 4.303.1.1 through 4.303.1.4.4.

4.303.2 Plumbing fixtures and fittings required in Section 4.303.1 shall be installed in accordance with the *California Plumbing Code* and shall meet the applicable referenced standards.

4.303.1.4.3 Metering faucets in residential buildings shall not deliver more than 0.2 gallons per cycle.

Outdoor Water Use

4.304.1 Residential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent.

Material Conservation and Resource Efficiency

Enhanced Durability and Reduced Maintenance

4.406.1 Annular spaces around pipes, electric cables, conduits, or other openings in 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.

Construction Waste Reduction, Disposal and Recycling

4.408.1 Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste in accordance with one of the following:

1. Comply with a more stringent local construction and demolition waste management ordinance; or
2. A construction waste management plan per Section 4.408.2; or
3. A waste management company per Section 4.408.3; or
4. The waste stream reduction alternative per Section 4.408.4.

Building Maintenance and Operation

4.410.1 An operation and maintenance manual shall be provided to the building occupant or owner.

4.410.2 **Where** 5 or more multifamily dwelling units are constructed on a building site, provide readily accessible areas that serve the entire building 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. See exception for rural jurisdictions

Environmental Quality

Fireplaces

4.503.1 Any installed gas fireplace shall be a direct-vent sealed-combustion type. Any installed woodstove or pellet stove shall comply with US 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.

Pollutant Control

4.504.1 Duct openings and other related air distribution component openings shall be covered during construction.

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

4.504.2.2 Paints, stains and other coatings shall be compliant with VOC limits.

4.504.2.3 Aerosol paints and coatings shall be compliant with product weighted MIR limits for ROC and other toxic compounds.

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

4.504.3 Carpet and carpet systems shall be compliant with VOC limits.

4.504.4 80 percent of floor area receiving resilient flooring shall comply with specified VOC criteria.

4.504.5 Particleboard, medium density fiberboard (MDF) and hardwood plywood used in interior finish systems shall comply with low formaldehyde emission standards.

Interior Moisture Control

4.505.2 Vapor retarder and capillary break is installed at slab-on-grade foundations.

4.505.3 Moisture content of building materials used in wall and floor framing is checked before enclosure.

Indoor Air Quality and Exhaust

4.506.1 Each bathroom shall be provided with the following:

1. ENERGY STAR fans ducted to terminate outside of 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

Environmental Comfort		
<p>4.507.2 Duct systems are sized, designed, and equipment is selected using the following methods:</p> <ol style="list-style-type: none"> 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. 		
Installer and Special Inspector Qualifications		
Qualifications		
<p>702.1 HVAC system installers are trained and certified in the proper installation of HVAC systems.</p>		
<p>702.2 Special inspectors employed by the enforcing agency must be qualified and able to demonstrate competence in the discipline they are inspecting.</p>		
Verifications		
<p>703.1 Verification of compliance with this code may include construction documents, plans, specifications builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which show substantial conformance.</p>		

1. Green building measures listed in this table may be mandatory if adopted by a city, county, or city and county as specified in Section 101.7
2. Required prerequisite for this Tier.
3. These measures are currently required elsewhere in statute or in regulation



CALGREEN SIGNATURE DECLARATIONS

Project Name: _____

Project Address: _____

Project Description: _____

SECTION 1 – DESIGN VERIFICATION

Complete all lines of Section 1 – “Design Verification” and **SUBMIT THE ENTIRE CHECKLIST (COLUMNS 2 AND 3) WITH THE PLANS AND BUILDING PERMIT APPLICATION TO THE BUILDING DEPARTMENT.**

The design professional responsible for compliance with Cal Green Standards has reviewed the plans and certifies that the items checked above are hereby incorporated into the project plans and will be implemented into the project in accordance with the requirements set forth in the **2022 California Green Building Standards Code** as adopted by the City of Los Altos.

Design Professional’s Signature

Date

Design Professional’s Name (Please Print)

Signature of Green Point Rater/Certified ICC Cal Green Special Inspector/Consulting Group

Date

Name of Green Point Rater/Inspector (Please Print)

Phone No.

Email Address

License No.

SECTION 2 – IMPLEMENTATION VERIFICATION

Complete, sign and submit the completed checklist, including column 3, together with all original signatures on Section 2 to the Building Department **PRIOR TO BUILDING DEPARTMENT FINAL INSPECTION.**

I have inspected the work and have received sufficient documentation to verify and certify that the project identified above was constructed in accordance with this Green Building Checklist and in accordance with the requirements of the **2022 California Green Building Standards Code** as adopted by the City of Los Altos.

Signature of Licensed Green Point Rater/Certified ICC CalGreen Special Inspector/
Consulting Group

Date

Name of Green Point Rater/Inspector (Please Print)

Phone No.

Email address

License No.