



## 2022 CALIFORNIA GREEN BUILDING CODE RESIDENTIAL CHECKLIST

*New Residential Buildings must be designed to include the Green Building Mandatory Measures specified in this checklist. These Green Building Mandatory Measures also apply to additions or alterations of existing Residential Buildings which increase the building's conditioned area, volume, or size. These requirements only apply to the specific area of addition or alteration.*

*2022 CGC §301.1.1*

Permit Number: \_\_\_\_\_ Project Address: \_\_\_\_\_

***Specify which sheet includes the Measure, and add specific details listing where the measure is located on that page. Include exact code sections on plans.***

<b>Green Building Measure</b>	<b>Plan Sheet, and Details</b>
<b>ENERGY EFFICIENCY(2022 CEC §150.0) (2022 California Building Energy Efficiency Standards)</b>	
2022 Energy Code performance (CF1R) compliance documentation must be provided digitally in 8-1/2" X 11" format, and, must be replicated on the plans. 2022 CEC §150.1	
<b>SITE DEVELOPMENT (2022 CGC §4.106)</b>	
Plans shall indicate how Grading and Paving will prevent surface water flows from entering buildings. Exception: Projects that do not alter the drainage path. 2022 CGC §4.106.3	
Electric Vehicle (EV) Charging, parking spaces: comply with all relevant sections. 2022 CGC §4.106.4	
<b>INDOOR WATER USE (2022 CGC §4.303)</b>	
Standards for Plumbing fixtures and fittings. Plumbing fixtures and fittings shall be installed in accordance with the <i>California Plumbing Code</i> , and shall meet the applicable standards referenced in Table 1701.1 of the <i>California Plumbing Code</i> . 2022 CGC §4.303.3	
<b>OUTDOOR WATER USE (2022 CGC §4.304)</b>	
Residential developments shall submit a California Department of Water Resources' Model Water Use Efficient Landscape (MWELo) checklist. 2022 CGC §4.304.1	
<b>ENHANCED DURABILITY AND REDUCED MAINTENANCE (2022 CGC §4.406)</b>	
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. 2022 CGC §4.406.1	
<b>CONSTRUCTION WASTE MANAGEMENT (2022 CGC §4.408)</b>	
Recycle and/or salvage a minimum 65% of the non-hazardous construction and demolition waste. This is not applicable to soil and land clearing debris. 2022 CGC §4.408.1	

Green Building Measure	Plan Sheet, and Details
<b>BUILDING MAINTENANCE AND OPERATION (2022 CGC §4.410)</b>	
<p>An operation and maintenance manual will be provided at final inspection. 2022 CGC §4.410.1  Where 5 or more multi-family dwelling units are constructed on a building site, provide readily accessible areas that serve all buildings on site and are identified for the depositing, storage, and collection of nonhazardous materials for recycling, including paper, corrugated cardboard, glass, plastics, organic waste and metals, or, meet local ordinance, if more restrictive. 2022 CGC §4.410.2</p>	
<b>FIREPLACES (2022 CGC §4.503)</b>	
<p>Any installed gas fireplaces will be direct-vent sealed-combustion type. Any installed woodstove or pellet stove shall comply with US EPA NSPS emission limits. 2022 CGC 4.503.1  <b>GAS IS NOT ALLOWED FOR NEW CONSTRUCTION BASED ON BURLINGAME’S REACH CODE.</b></p>	
<b>POLLUTANT CONTROL (2022 CGC §4.504)</b>	
<p>At the time of rough installation, during storage on the construction site, and until final startup of the HVAC equipment, all duct and other related air distribution component openings will be covered with tape, plastic, sheet metal, or other methods acceptable to the enforcing agency to reduce the amount of water, dust and debris that may enter the system. 2022 CGC §4.504.1</p>	
<p>Adhesives, sealants, and caulks used on the project shall follow local and regional air pollution or air quality management district standards. 2022CGC §4.504.2.1</p>	
<p>Paints and coatings will comply with VOC limits. 2022CGC §4.504.2.2</p>	
<p>Aerosol paints and coatings will meet the Product-weighted MIR limits for ROC, and comply with percent VOC by weight of product limits, Regulation 8, Rule 49. 2022 CGC §4.504.2.3</p>	
<p>Documentation shall verify compliance for VOC finish materials. 2022 CGC §4.504.2.4</p>	
<p>Carpet systems will meet CALGREEN testing and product requirements. 2022 CGC §4.504.3</p>	
<p>Where resilient flooring is installed, at least 80% of the floor area receiving resilient flooring will comply with the California Green Building Code requirements. 2022 CGC §4.504.4</p>	
<p>Hardwood plywood, particleboard, and medium density fiberboard composite wood products shall comply with the low formaldehyde emission standards. 2022 CGC §4.504.5</p>	
<b>INTERIOR MOISTURE CONTROL (2022 CGC §4.505)</b>	
<p>A capillary break will be installed if a slab on grade foundation system is used. 2022 CGC §4.505.2.1</p>	
<p>Building materials with visible signs of water damage will not be installed. Wall and floor framing will not be enclosed when the framing members exceed 19% moisture content. Moisture content will be verified prior to finish material being applied. Replace wet insulation products, or allow to dry before enclosure. 2022 CGC §4.505.3</p>	
<b>INDOOR AIR QUALITY AND EXHAUST (CGC §4.506)</b>	
<p>Exhaust fans that are ENERGY STAR compliant, ducted and that terminate outside the building will be provided in every bathroom (bathtub, shower, or shower/tub combo). 2019 CGC §4.506.1  Unless functioning as a component of a whole-house ventilation system, fans must be controlled by a humidity control. 2022 CGC §4.506.2</p>	

<b>Green Building Measure</b>	<b>Plan Sheet, and Details</b>
<b>ENVIRONMENTAL COMFORT (2022 CGC §4.507)</b>	
<p>The heating and air-conditioning system will be sized, designed and have their equipment selected using the following methods: Heat Loss/Heat Gain values in accordance with ANSI/ACCA 2 Manual J-2016 or equal; Duct systems are sized according to ANSI/ACCA 1, Manual D-2016 or equivalent; Select heating and cooling equipment in accordance with ANSI/ACCA 3, Manual S-2014 or equivalent. <span style="float: right;">2022 CGC §4.507.</span></p>	
<b>VERIFICATION (2022 CGC §703)</b>	
<p>Upon request, verification of compliance with this code may include construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the Building Division that will show substantial conformance with the 2022 Code requirements. <span style="float: right;">2022 CGC</span></p>	
<b>Responsible Designer's Declaration Statement</b>	
<p>I hereby certify that this project has been designed to meet the requirements of the 2022 Green Building Code.</p>	
Name:	
Address:	
City/State/Zip Code:	
Signature:	Date:
<b>Contractor's Declaration Statement</b>	
<p>I hereby certify, as the builder or installer, that this project will be constructed to meet the requirements of the 2022 Green Building Code.</p>	
Name:	
Address:	
City/State/Zip Code:	
Signature:	Date: