

2022 CALGREEN CHECKLIST NONRESIDENTIAL NEW CONSTRUCTION**BPC-068**

This checklist is effective January 5, 2023 and applies to newly constructed nonresidential buildings without sleeping accommodations. Only the mandatory measures have been adopted in Sonoma County. Additions and alterations to existing structures are also subject to the requirements of CALGreen but are not included in this checklist. Existing site and landscaping improvements that are not otherwise disturbed are not subject to the requirements of CALGreen. Sonoma County has only adopted the mandatory measures of the 2022 California Green Building Code.

Additions and alterations to nonresidential buildings should use the CALGreen checklist for Nonresidential Additions and Alterations (BPC-069).

(This checklist is based on 2022 CALGreen and has been revised to include County of Sonoma requirements)

Building Permit Number: _____ Project Name: _____

Project Address: _____

Project Description: _____

Instructions:

- A. The Owner or the Owner's agent shall employ a qualified CALGreen Special Inspector, listed by the County of Sonoma Building Department, to perform CALGreen Special Inspector services and to verify and assure the Owner and the Building Department that all required work described herein is properly planned and implemented in the project. County listed CALGreen inspectors can be found on the County's web site at <http://www.sonoma-county.org/prmd/docs/grnbldg/index.htm>
- B. All CALGreen Mandatory Measure Locations must be located and identified within the plan set and their locations notated within this document or provide an explanation.
- C. The CALGreen Special Inspector shall not be the design professional or contractor for the project and shall not have a financial interest in the project for which services are being provided except for the cost of providing said services.
- D. The CALGreen Special Inspector, in collaboration with the owner and the design professional shall review and incorporate all applicable provisions of **Columns 1 and 2** of this checklist into the project, sign and date the **Design Verification** section at the end of this checklist and have the checklist printed on the approved plans for the project. The CALGreen Special Inspector must indicate in **Column 2** of the checklist all applicable measures which must be met and incorporated into the project.
- E. Prior to final inspection by Permit Sonoma, the CALGreen Special Inspector shall complete **Column 3** and sign and date the **Implementation Verification** section at the end of this checklist.

CALGREEN CHECKLIST LEGEND

MANDATORY	MANDATORY indicates that the measure is a requirement of the project when applicable.
MEASURE SECTION TITLE	Reference to the section title of a CALGreen measure. The specific Section(s) of CALGreen must be reviewed to fully understand the requirements of a CALGreen measure.
REQUIRED	The Required column on the checklist indicates that the CALGreen measure is Required and has been included in the plans and specifications as a requirement of the project.
NOT APPLICABLE (N/A)	The N/A column on the checklist indicates that the CALGreen measure is Not Applicable or not a requirement of the project. The CalGreen special inspector shall provide an explanation why a particular measure is Not Applicable.
CODE SECTION	Indicates the referenced or applicable Section(s) of the California Green Building Code (CALGreen) unless otherwise specified.
PLAN SHEET NUMBER OR EXPLANATION	Provides a location for the CALGreen Special Inspector or the design professional to indicate the plan sheet number where the full CALGreen measure or requirement is shown or specified on the construction drawings. Also, provides an area to provide an explanation for non-applicable items.
FIELD VERIFIED	Provides a location for the CALGreen Special Inspector to indicate each measure that has been implemented into the project and installation verified by the CALGreen Special Inspector. [NOTE: Required prior to Final Inspection approval]

MANDATORY OR ELECTIVE	MEASURE SECTION TITLE <i>See Chapter 5 of the 2022 California Green Building Code for complete requirements for measures listed here.</i>	CODE SECTION	REQUIRED ✓	N/A ✓	PLAN SHEET NUMBER OR EXPLANATION	FIELD VERIFIED
Division 5.1 - Planning and Design						
Mandatory	Storm water pollution prevention for projects that disturb less than 1 acre of land must comply with Sonoma County Code Section 11-A-8(d)	5.106.1 through 5.106.2	☐	☐		☐
Mandatory	Short-term bicycle parking	5.106.4.1.1	☐	☐		☐
Mandatory	Long-term bicycle parking	5.106.4.1.2 through 5.106.4.1.5	☐	☐		☐
Mandatory	Designated parking for clean air vehicles	5.106.5.2	☐	☐		☐
Mandatory	Parking stall marking	5.106.5.2.1	☐	☐		☐
Mandatory	EV Capable Spaces	5.106.5.3.1	☐	☐		☐
Mandatory	Electrical Vehicle Charging Stations (EVCS)	5.106.5.3.2	☐	☐		☐
Mandatory	Use of Automatic Load Management Systems (ALMS)	5.106.5.3.3	☐	☐		☐
Mandatory	Accessible EVCS	5.106.5.3.4	☐	☐		☐
Mandatory	(EV) Charging: Medium-Duty and Heavy-Duty	5.106.5.4	☐	☐		☐
Mandatory	EV Charging Readiness requirements for Warehouses, Grocery Stores and Retail Stores with planned off-street loadingspaces.	5.106.5.4.1	☐	☐		☐
Mandatory	Light pollution reduction (with exceptions and notes)	5.106.8	☐	☐		☐
Mandatory	Grading and paving (exception for additions and alterations not altering the drainage path)	5.106.10	☐	☐		☐
Division 5.2 – Energy Efficiency						

MANDATORY OR ELECTIVE	MEASURE SECTION TITLE <i>See Chapter 5 of the 2022 California Green Building Code for complete requirements for measures listed here.</i>	CODE SECTION	REQUIRED ✓	N/A ✓	PLAN SHEET NUMBER OR EXPLANATION	FIELD VERIFIED
Mandatory	Meet the minimum energy efficiency standard	5.201.1	☐	☐		☐

MANDATORY OR ELECTIVE	MEASURE SECTION TITLE <i>See Chapter 5 of the 2019 California Green Building Code for complete requirements for measures listed here.</i>	CODE SECTION	REQUIRED ✓	N/A ✓	PLAN SHEET NUMBER OR EXPLANATION	FIELD VERIFIED
Division 5.3 - Water Efficiency & Conservation						
Mandatory	Separate meters (new buildings or additions > 50,000 sf that consume more than 100 gal/day)	5.303.1.1	☐	☐		☐
Mandatory	Separate meters (for tenants in new buildings or additions that consume more than 1,000 gal/day)	5.303.1.2	☐	☐		☐
Mandatory	Water closets shall not exceed 1.28 gallons per flush (gpf)	5.303.3.1	☐	☐		☐
Mandatory	Wall-mounted urinals shall not exceed 0.125 gpf	5.303.3.2.1	☐	☐		☐
Mandatory	Floor-mounted urinals shall not exceed 0.5 gpf	5.303.3.2.2	☐	☐		☐
Mandatory	Single showerhead shall have maximum flow rate of 1.8 gpm (gallons per minute) at 80 psi	5.303.3.3.1	☐	☐		☐
Mandatory	Multiple showerheads serving one shower shall have a combined flow rate of 1.8 gpm at 80 psi	5.303.3.3.2	☐	☐		☐
Mandatory	Nonresidential lavatory faucets	5.303.3.4.1	☐	☐		☐
Mandatory	Kitchen faucets	5.303.3.4.2	☐	☐		☐
Mandatory	Wash fountains	5.303.3.4.3	☐	☐		☐
Mandatory	Metering faucets	5.303.3.4.4	☐	☐		☐
Mandatory	Metering faucets for wash fountains	5.303.3.4.5	☐	☐		☐
Mandatory	Food waste disposers	5.303.4.1	☐	☐		☐
Mandatory	Areas of additions or alterations	5.303.5	☐	☐		☐
Mandatory	Standards for plumbing fixtures and fittings	5.303.6	☐	☐		☐
Mandatory	Outdoor potable water use in landscape areas and applicable provisions of Chapter 7D3 of the Sonoma County Code (Water Efficient Landscape).	5.304.1	☐	☐		☐

MANDATORY OR ELECTIVE	MEASURE SECTION TITLE <i>See Chapter 5 of the 2022 California Green Building Code for complete requirements for measures listed here.</i>	CODE SECTION	REQUIRED ✓	N/A ✓	PLAN SHEET NUMBER OR EXPLANATION	FIELD VERIFIED
Division 5.4 - Material Conservation and Resource Efficiency						
Mandatory	Weather protection	5.407.1	☐	☐		☐
Mandatory	Moisture control: sprinklers	5.407.2.1	☐	☐		☐
Mandatory	Moisture control: exterior door protection	5.407.2.2.1	☐	☐		☐
Mandatory	Moisture control: flashing	5.407.2.2.2	☐	☐		☐
Mandatory	Construction waste management—comply with either: Sections 5.408.1.1, 5.408.1.2, 5.408.1.3 or more stringent local ordinance <i>(Support documentation required at application submittal)</i>	5.408.1.1, 5.408.1.2, 5.408.1.3	☐	☐		☐
Mandatory	Construction waste management: documentation	5.408.1.4	☐	☐		☐
Mandatory	Excavated soil and land dealing debris (100% reuse or recycle)	5.408.3	☐	☐		☐
Mandatory	Recycling by occupants (with exception)	5.410.1	☐	☐		☐
Mandatory	Recycling by occupants: additions (with exception)	5.410.1.1	☐	☐		☐
Mandatory	Recycling by occupants: sample ordinance	5.410.1.2	☐	☐		☐
Mandatory	Commissioning new buildings (> 10,000 sf) [N]	5.410.2	☐	☐		☐
Mandatory	Owner's or Owner representative's Project Requirements (OPR) [N] <i>(Support documentation required at application submittal)</i>	5.410.2.1	☐	☐		☐
Mandatory	Basis of Design (BOD) [N] <i>(Support documentation required at application submittal)</i>	5.410.2.2	☐	☐		☐
Mandatory	Commissioning plan [N] <i>(Support documentation required at application submittal)</i>	5.410.2.3	☐	☐		☐
Mandatory	Functional performance testing [N]	5.410.2.4	☐	☐		☐
Mandatory	Documentation and training [N]	5.410.2.5	☐	☐		☐
Mandatory	Systems manual [N]	5.410.2.5.1	☐	☐		☐
Mandatory	Systems operation training [N]	5.410.2.5.2	☐	☐		☐
Mandatory	Commissioning report [N]	5.410.2.6	☐	☐		☐
Mandatory	Procedures for testing and adjusting	5.410.4.3	☐	☐		☐
Mandatory	Procedures for HVAC balancing	5.410.4.3.1	☐	☐		☐
Mandatory	Reporting for testing and adjusting	5.410.4.4	☐	☐		☐
Mandatory	Operation and maintenance (O&M) manual	5.410.4.5	☐	☐		☐
Mandatory	Inspection and reports	5.410.4.5.1	☐	☐		☐

MANDATORY OR ELECTIVE	MEASURE SECTION TITLE <i>See Chapter 5 of the 2022 California Green Building Code for complete requirements for measures listed here.</i>	CODE SECTION	REQUIRED ✓	N/A ✓	PLAN SHEET NUMBER OR EXPLANATION	FIELD VERIFIED
Division 5.5 - Environmental Quality						
Mandatory	Fireplaces. For Wood-Burning Appliances see Sonoma County Code Chapter 7C	5.503.1	☐	☐		☐
Mandatory	Woodstoves	5.503.1.1	☐	☐		☐
Mandatory	Temporary ventilation	5.504.1	☐	☐		☐
Mandatory	Covering of ducts openings and protection of mechanical equipment during construction	5.504.3	☐	☐		☐
Mandatory	Adhesives, sealants, and caulks	5.504.4.1	☐	☐		☐
Mandatory	Paints and coatings	5.504.4.3	☐	☐		☐
Mandatory	Aerosol paints and coatings	5.504.4.3.1	☐	☐		☐
Mandatory	Aerosol paints and coatings: verification	5.504.4.3.2	☐	☐		☐
Mandatory	Carpet systems	5.504.4.4	☐	☐		☐
Mandatory	Carpet cushion	5.504.4.4.1	☐	☐		☐
Mandatory	Carpet adhesives per Table 5.504.4.1	5.504.4.4.2	☐	☐		☐
Mandatory	Composite wood products	5.504.4.5	☐	☐		☐
Mandatory	Composite wood products: documentation	5.504.4.5.3	☐	☐		☐
Mandatory	Resilient flooring systems	5.504.4.6	☐	☐		☐
Mandatory	Resilient flooring: verification of compliance	5.504.4.6.1	☐	☐		☐
Mandatory	Filters (with exceptions)	5.504.5.3	☐	☐		☐
Mandatory	Filters: labeling	5.504.5.3.1	☐	☐		☐
Mandatory	Environmental tobacco smoke (ETS) control.	5.504.7	☐	☐		☐
Mandatory	Indoor moisture control	5.505.1	☐	☐		☐
Mandatory	Outside air delivery	5.506.1	☐	☐		☐
Mandatory	Carbon dioxide (CO ₂) monitoring	5.506.2	☐	☐		☐
Mandatory	Acoustical control (with exception) <i>(Support documentation required prior to permit issuance)</i>	5.507.4	☐	☐		☐
Mandatory	Exterior noise transmission, prescriptive method (with exceptions)	5.507.4.1	☐	☐		☐
Mandatory	Noise exposure where noise contours are not readily available	5.507.4.1.1	☐	☐		☐
Mandatory	Performance method	5.507.4.2	☐	☐		☐
Mandatory	Site features	5.507.4.2.1	☐	☐		☐
Mandatory	Documentation of compliance	5.507.4.2.2	☐	☐		☐
Mandatory	Interior sound transmission (with note)	5.507.4.3	☐	☐		☐
Mandatory	Ozone depletion and greenhouse gas reductions	5.508.1	☐	☐		☐
Mandatory	Chlorofluorocarbons (CFCs)	5.508.1.1	☐	☐		☐
Mandatory	Halons	5.508.1.2	☐	☐		☐
Mandatory	Supermarket refrigerant leak reduction for retail food stores 8,000 square feet or more Sections 5.508.2 through 5.508.2.6.3	5.508.2 through 5.508.2.6.3	☐	☐		☐

GREEN BUILDING ACKNOWLEDGMENTS

Project Address: _____

Project Description: _____

Section 1 – Design Verification

Complete all lines of Section 1 – “Design Verification” and submit the completed checklist (Columns 1 and 2) with the plans and building permit application to Permit Sonoma.

The owner/owner’s agent, design professional, Sonoma County Plan’s Examiner and the Sonoma County approved CALGreen special inspector have reviewed the plans and certify that the items checked above are hereby incorporated into the project plans in accordance with the requirements set forth in the 2022 California Green Building Standards Code as amended by the Sonoma County Code.

Owner Signature: _____ Date: _____

Owner Name: _____

Design Professional Signature: _____ Date: _____

Design Professional Name: _____

Signature of Plans Examiner: _____ Date: _____

Per Section 703.1 of the 2022 CALGreen Building Standards Code, the signee below has verified that adequate documentation has been provided to show compliance with the specified mandatory measures of the 2022 CALGreen Building Standards Code as amended by Chapter 7 of the Sonoma County Code.

Signature of County Listed CALGreen Special Inspector: _____

Date: _____ Phone: _____

County Listed CALGreen Special Inspector’s Name: _____

CALGreen Special Inspector E-mail Address: _____

CALGreen Certification No.: _____

GREEN BUILDING ACKNOWLEDGMENTS

Project Address: _____

Project Description: _____

Section 2 – Implementation Verification

Complete all lines of Section 1 – “Design Verification” and submit the completed checklist (Columns 1 and 2) with the plans and building permit application to Permit Sonoma.

The signee below has inspected the work and has 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 set forth in the 2022 California Green Building Standards Code as amended by Chapter 7 of the Sonoma County Code.

Signature of County Listed CALGreen Special Inspector: _____

Date: _____ Phone: _____

County Listed CALGreen Special Inspector's Name: _____

CALGreen Special Inspector E-mail Address: _____

CALGreen Certification No.: _____