

**2019 CALGREEN CHECKLIST NONRESIDENTIAL NEW CONSTRUCTION****BPC-068**

This checklist is effective January 1, 2020 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 2019 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 2019 CALGreen and has been revised to include County of Sonoma requirements)*

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. 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.
- C. 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.
- D. 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**

<b>MANDATORY</b>	<b>MANDATORY</b> indicates that the measure is a requirement of the project when applicable.
<b>MEASURE SECTION TITLE</b>	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.
<b>REQUIRED</b>	The <b>Required</b> 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.
<b>NOT APPLICABLE (N/A)</b>	The <b>N/A</b> 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.
<b>CODE SECTION</b>	Indicates the referenced or applicable Section(s) of the California Green Building Code (CALGreen) unless otherwise specified.
<b>PLAN SHEET NUMBER OR EXPLANATION</b>	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.
<b>FIELD VERIFIED</b>	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. <i>[NOTE: Required prior to Final Inspection approval]</i>

<b>MANDATORY OR ELECTIVE</b>	<b>MEASURE SECTION TITLE</b> <i>See Chapter 5 of the 2019 California Green Building Code for complete requirements for measures listed here.</i>	<b>CODE SECTION</b>	<b>REQUIRED</b> ✓	<b>N/A</b> ✓	<b>PLAN SHEET NUMBER OR EXPLANATION</b>	<b>FIELD VERIFIED</b>
<b>Division 5.1 - Planning and Design</b>						
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	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Short-term bicycle parking	5.106.4.1.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Long-term bicycle parking	5.106.4.1.2 through 5.106.4.1.5	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Designated parking for clean air vehicles	5.106.5.2	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Parking stall marking	5.106.5.2.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Single charging space requirements	5.106.5.3.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Multiple charging space requirements [N]	5.106.5.3.2	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	EV charging space calculation [N] (with exceptions)	5.106.5.3.3	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Identification [N]	5.106.5.3.4	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Future charging spaces [N]	5.106.5.3.5	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Light pollution reduction [N] (with exceptions and notes)	5.106.8	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Grading and paving (exception for additions and alterations not altering the drainage path)	5.106.10	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
<b>Division 5.2 – Energy Efficiency</b>						
Mandatory	Meet the minimum energy efficiency standard	5.201.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>

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

MANDATORY OR ELECTIVE	MEASURE SECTION TITLE <i>See Chapter 5 of the 2019 California Green Building Code, complete requirements for measures listed here.</i>	CODE SECTION	REQUIRED ✓	N/A ✓	PLAN SHEET NUMBER OR EXPLANATION	FIELD VERIFIED
<b>Division 5.4 - Material Conservation and Resource Efficiency</b>						
Mandatory	Weather protection	5.407.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Moisture control: sprinklers	5.407.2.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Moisture control: exterior door protection	5.407.2.2.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Moisture control: flashing	5.407.2.2.2	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Construction waste management: documentation	5.408.1.4	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Excavated soil and land dealing debris (100% reuse or recycle)	5.408.3	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Recycling by occupants (with exception)	5.410.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Recycling by occupants: additions (with exception)	5.410.1.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Recycling by occupants: sample ordinance	5.410.1.2	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Commissioning new buildings (> 10,000 sf) [N]	5.410.2	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Owner’s or Owner representative’s Project Requirements (OPR) [N] <i>(Support documentation required at application submittal)</i>	5.410.2.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Basis of Design (BOD) [N] <i>(Support documentation required at application submittal)</i>	5.410.2.2	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Commissioning plan [N] <i>(Support documentation required at application submittal)</i>	5.410.2.3	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Functional performance testing [N]	5.410.2.4	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Documentation and training [N]	5.410.2.5	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Systems manual [N]	5.410.2.5.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Systems operation training [N]	5.410.2.5.2	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Commissioning report [N]	5.410.2.6	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Procedures for testing and adjusting	5.410.4.3	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Procedures for HVAC balancing	5.410.4.3.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Reporting for testing and adjusting	5.410.4.4	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Operation and maintenance (O&M) manual	5.410.4.5	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Inspection and reports	5.410.4.5.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>

MANDATORY OR ELECTIVE	MEASURE SECTION TITLE <i>See Chapter 5 of the 2019 California Green Building Code, complete requirements for measures listed here.</i>	CODE SECTION	REQUIRED ✓	N/A ✓	PLAN SHEET NUMBER OR EXPLANATION	FIELD VERIFIED
<b>Division 5.5 - Environmental Quality</b>						
Mandatory	Fireplaces. For Wood-Burning Appliances see <a href="#">Sonoma County Code Chapter 7C</a>	5.503.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Woodstoves	5.503.1.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Temporary ventilation	5.504.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Covering of ducts openings and protection of mechanical equipment during construction	5.504.3	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Adhesives, sealants, and caulks	5.504.4.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Paints and coatings	5.504.4.3	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Aerosol paints and coatings	5.504.4.3.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Aerosol paints and coatings: verification	5.504.4.3.2	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Carpet systems	5.504.4.4	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Carpet cushion	5.504.4.4.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Carpet adhesives per Table 5.504.4.1	5.504.4.4.2	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Composite wood products	5.504.4.5	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Composite wood products: documentation	5.504.4.5.3	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Resilient flooring systems	5.504.4.6	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Resilient flooring: verification of compliance	5.504.4.6.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Filters (with exceptions)	5.504.5.3	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Filters: labeling	5.504.5.3.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Environmental tobacco smoke (ETS) control.	5.504.7	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Indoor moisture control	5.505.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Outside air delivery	5.506.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Carbon dioxide (CO <sub>2</sub> ) monitoring	5.506.2	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Acoustical control (with exception) <i>(Support documentation required prior to permit issuance)</i>	5.507.4	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Exterior noise transmission, prescriptive method (with exceptions)	5.507.4.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Noise exposure where noise contours are not readily available	5.507.4.1.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Performance method	5.507.4.2	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Site features	5.507.4.2.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Documentation of compliance	5.507.4.2.2	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Interior sound transmission (with note)	5.507.4.3	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Ozone depletion and greenhouse gas reductions	5.508.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Chlorofluorocarbons (CFCs)	5.508.1.1	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Mandatory	Halons	5.508.1.2	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>

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 2019 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 2019 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 2019 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 2019 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.: \_\_\_\_\_