2016 CALGreen CHECKLIST
for
RESIDENTIAL ADDITIONS and ALTERATIONS

Applies to building permit applications received on or after January 1, 2017, for additions or alterations that increase the conditioned space of existing low rise residential buildings including hotels, motels, lodging houses, dwellings, dormitories, condominiums, shelters, congregate residences, employee housing, factory-built housing and other types of dwellings containing sleeping accommodations with or without common toilet or cooking facilities including accessory buildings, facilities and uses thereto. Detached “U” occupancy buildings are not subject to the requirements of CALGreen. Existing site and landscaping improvements that are not otherwise disturbed are also not subject to the requirements of CALGreen. Repairs to existing structures are not subject to CALGreen at this time.

Project Address: __________________________________________________________

Project Name: ___________________________________________________________

Project Description: ______________________________________________________

Instructions:

1. The Owner or the Owner’s agent shall employ a qualified CALGreen Inspector, listed by the City of Santa Rosa Building Division, to perform CALGreen Inspector services that apply and to verify and assure the Owner and the Building Division that all required work described herein is properly planned and implemented in the project.

2. The CALGreen Inspector, in collaboration with the owner and the design professional, shall initially complete Column 2 of this checklist, sign and date the CALGreen Building Acknowledgements section at the end of this checklist and have the checklist printed on or attached to the approved plans for the project. The City’s plans examiner will complete Column 3 of the checklist to determine who (City Staff or CALGreen Inspector) will provide verification of each applicable CALGreen measure.

3. When determined necessary by City staff and indicated in Column 3 of the checklist, the Owner or Contractor shall employ a CALGreen Inspector, certified by ICC, to perform CALGreen Inspector services.

4. In Column 4, Building Department staff will verify those measures checked in Column 3 of the checklist under the “City Staff” heading.

5. In Column 4, the CALGreen Inspector hired by the Owner will verify those measures checked in Column 3 of the checklist under the “CALGreen Inspector” heading.

6. Prior to final inspection by the Building Department, the CALGreen Inspector (if required) shall complete Column 4 and sign and date the Implementation Verification section at the end of this checklist.

NOTE: The CALGreen 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.
<table>
<thead>
<tr>
<th>Feature or Measure</th>
<th>Project Requirements</th>
<th>Verification To Be Provided By</th>
<th>Compliance Verified</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Column 1</strong></td>
<td><strong>Column 2</strong></td>
<td><strong>Column 3</strong></td>
<td><strong>Column 4</strong></td>
</tr>
<tr>
<td><strong>Effective 1/1/2017</strong></td>
<td><strong>March 2017</strong></td>
<td><strong>2 of 7</strong></td>
<td><strong>36 of 7</strong></td>
</tr>
</tbody>
</table>

### 4.1 PLANNING AND DESIGN

**Site Development**

<table>
<thead>
<tr>
<th>4.106.2</th>
<th>A plan is developed and implemented to manage storm water drainage during construction.</th>
<th>☒ or ☐ N/A</th>
<th>☐</th>
<th>☐</th>
</tr>
</thead>
</table>

Description of proposed measure(s) or explanation of why it is not applicable (N/A):

<table>
<thead>
<tr>
<th>4.106.3</th>
<th>Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings.</th>
<th>☒ or ☐ N/A</th>
<th>☐</th>
<th>☐</th>
</tr>
</thead>
</table>

Description of proposed measure(s) or explanation of why it is not applicable (N/A):

### 4.2 ENERGY EFFICIENCY

**Performance Approach**

<table>
<thead>
<tr>
<th>4.201.1</th>
<th>Building meets or exceeds the requirements of the California Building Energy Efficiency Standards.</th>
<th>☒ or ☐ N/A</th>
<th>☐</th>
<th>☐</th>
</tr>
</thead>
</table>

Description of proposed measure(s) or explanation of why it is not applicable (N/A):

### 4.3 WATER EFFICIENCY AND CONSERVATION

**Indoor Water Use**

<table>
<thead>
<tr>
<th>4.303.1</th>
<th>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.</th>
<th>☒ or ☐ N/A</th>
<th>☐</th>
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<tbody>
<tr>
<td><strong>4.303.2 Plumbing fixtures and fittings</strong></td>
<td>☒ Must be incorporated into the project unless the measure is not applicable (N/A).</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td><strong>4.304.1 Automatic irrigation systems</strong></td>
<td>☒ or N/A</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td><strong>4.406.1 Annular spaces</strong></td>
<td>☒ or N/A</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td><strong>4.408.1 Recycle and/or salvage for reuse</strong></td>
<td>☒ or N/A</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td><strong>4.410.1 Operation and maintenance manual</strong></td>
<td>☒ or N/A</td>
<td>☐</td>
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</table>

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<tbody>
<tr>
<td>4.5 ENVIRONMENTAL QUALITY</td>
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<tr>
<td>Fireplaces</td>
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<tr>
<td>4.503.1  Any installed gas fireplace shall be a direct-vent sealed-combustion type. Any installed woodstove or pellet stove shall comply with U.S. EPA New Source Performance Standards (NSPS) emission limits.</td>
<td>☑ or ☐ N/A</td>
<td>☐</td>
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</tbody>
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Description of proposed measure(s) or explanation of why it is not applicable (N/A):  

Pollutant Control  

<table>
<thead>
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<tbody>
<tr>
<td>Pollutant Control</td>
<td></td>
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<tr>
<td>4.504.1  Duct openings and other related air distribution component openings shall be covered during construction.</td>
<td>☑ or ☐ N/A</td>
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<tbody>
<tr>
<td>Pollutant Control</td>
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</tr>
<tr>
<td>4.504.2.1 Adhesives, sealants and caulks shall be compliant with VOC and other toxic compound limits.</td>
<td>☑ or ☐ N/A</td>
<td>☐</td>
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<tr>
<td>Pollutant Control</td>
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</tr>
<tr>
<td>4.504.2.2 Paints, stains and other coatings shall be compliant with VOC limits.</td>
<td>☑ or ☐ N/A</td>
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<tr>
<td>Pollutant Control</td>
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<tr>
<td>4.504.2.3 Aerosol paints and other coatings shall be compliant with product weighted MIR Limits for ROC and other toxic compounds.</td>
<td>☑ or ☐ N/A</td>
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<tr>
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<tr>
<td>4.504.2.4 Documentation shall be provided to verify that compliant VOC limit finish materials have been used.</td>
<td>☑ or ☐ N/A</td>
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<tr>
<td>&lt;br&gt;4.504.3 Carpet and carpet systems shall be compliant with VOC limits.</td>
<td>Must be incorporated into the project unless the measure is not applicable (N/A).</td>
<td>Completed by City plan review staff during plan review.</td>
<td>Completed by CALGreen Inspector after measure has been completed.</td>
</tr>
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<tr>
<td>4.504.4 80 percent of floor area receiving resilient flooring shall comply with specified VOC criteria.</td>
<td>☒ or ☐ N/A</td>
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<tr>
<td>4.504.5 Particleboard, medium density fiberboard (MDF), and hardwood plywood used in interior finish systems shall comply with low formaldehyde emission standards.</td>
<td>☒ or ☐ N/A</td>
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<tr>
<td>Description of proposed measure(s) or explanation of why it is not applicable (N/A):</td>
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<td></td>
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<tr>
<td>Interior Moisture Control</td>
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<tr>
<td>4.505.2 Vapor retarder and capillary break is installed at slab on grade foundations.</td>
<td>☒ or ☐ N/A</td>
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<tr>
<td>4.505.3 Moisture content of building materials used in wall and floor framing is checked before enclosure.</td>
<td>☒ or ☐ N/A</td>
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<td>Description of proposed measure(s) or explanation of why it is not applicable (N/A):</td>
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<td></td>
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<tr>
<td>Indoor Air Quality and Exhaust</td>
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<tr>
<td>4.506.1 Humidity controlled exhaust fans which terminate outside the building are provided in every bathroom unless otherwise a component of a whole house ventilation system.</td>
<td>☒ or ☐ N/A</td>
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<td></td>
<td>Must be incorporated into the project unless the measure is not applicable (N/A).</td>
<td>Completed by City plan review staff during plan review.</td>
<td>Completed by CALGreen Inspector after measure has been completed.</td>
</tr>
</tbody>
</table>

**Environmental Comfort**

4.507.2 Duct systems are sized and designed and equipment is selected using the following methods:

1. Establish heat loss and heat gain values according to ANSI/ACCA Manual J-2011 or equivalent.
2. Size duct systems according to ANSI/ACCA 1 Manual D-2014 or equivalent.
3. Select heating and cooling equipment according to ANSI/ACCA 3 Manual S-2014 or equivalent.

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**Innovative Concepts and Local Environmental Conditions**

Items necessary to address innovative concepts or local environmental conditions.

**Item 1:**

**INSTALLER AND CALGreen INSPECTOR QUALIFICATIONS**

**Qualifications**

702.1 HVAC system installers are trained and certified in the proper installation of HVAC systems.

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702.2 The CALGreen Inspector for this project is qualified and able to demonstrate competence in the discipline they inspect and verify.

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**Verifications**

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.

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<tr>
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</table>
Green Building Acknowledgments

Project Address: 

Project Description: 

<table>
<thead>
<tr>
<th>Section 1 - Design Verification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete all lines of Section 1 - &quot;Design Verification&quot; and submit the completed checklist (Columns 1 and 2) with the plans and building permit application to the Building Department.</td>
</tr>
<tr>
<td>The owner, design professional and the CALGreen inspector have reviewed the plans and certify 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 2016 California Green Building Standards Code.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Owner’s Signature</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>Owner Name (Please Print)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Design Professional’s Signature</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>Design Professional’s Name (Please Print)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Signature of CALGreen Building Inspector</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALGreen Inspector’s Name (Please Print)</td>
<td>Phone</td>
</tr>
<tr>
<td>CALGreen Inspector’s E-mail Address</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section 2 - Implementation Verification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete, sign and submit the completed checklist, including Column 4, together with all original signatures in this Section 2 – &quot;Implementation Verification&quot; to the Building Department prior to Building Department final inspection.</td>
</tr>
<tr>
<td>I have inspected the work 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 set forth in the 2016 California Green Building Standards Code.</td>
</tr>
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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>CALGreen Inspector’s Name (Please Print)</td>
<td>Phone (if different than above)</td>
</tr>
<tr>
<td>CALGreen Inspector’s E-mail Address (if different than above)</td>
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