



COMMUNITY DEVELOPMENT SERVICES

PLANNING AND BUILDING DEPARTMENT

<http://www.edcgov.us/DevServices/>

2016 CALGREEN RESIDENTIAL CHECKLIST MANDATORY ITEMS

Project Address: _____

CHAPTER 4 - RESIDENTIAL MANDATORY MEASURES		
General Requirements		
Project meets all of the requirements of Divisions 4.1 through 4.5.	Location On Plans	Field Inspectors' Verification
DIVISION 4.1 - PLANNING AND DESIGN		
Site Development		
4.106.2 Storm water drainage and retention during construction. A plan is developed and implemented to manage storm water drainage during construction.		
4.106.3 Grading and paving. 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 Electric Vehicle (EV) charging for new construction. New construction shall comply with Section 4106.4.1, 4106.4.2 or 4.106.4.3.		
DIVISION 4.2 - ENERGY EFFICIENCY		
General Requirements		
4.201.1 Scope. Building meets or exceeds the requirements of the California Building Energy Efficiency Standards.		
DIVISION 4.3 - WATER EFFICIENCY AND CONSERVATION		
Indoor Water Use		
4.303.1 Water conserving plumbing fixtures and fittings. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) installed in residential buildings shall comply with the prescriptive requirements of Sections 4303.1.1 through 4303.1.4.4.		
4.303.2 Standards for plumbing fixtures and fittings. 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.		
Outdoor Water Use		
4.304.1 After December 1, 2015, new residential developments with an aggregate landscape area equal to or greater than 500 square feet shall comply with one of the following options: (See Link: MWELo Submittal Form) <ol style="list-style-type: none"> 1. A local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELo), whichever is more stringent or 2. Projects with aggregate landscape areas less than 2,500 square feet may comply with the MWELo's Appendix D Prescriptive Compliance Option 		

DIVISION 4.4 - MATERIAL CONSERVATION AND RESOURCE EFFICIENCY

Enhanced Durability and Reduced Maintenance

4.406.1 Rodent proofing. 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 Construction waste management. Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste in accordance with County adopted Recycling Ordinance (Chapter 8.43).

Building Maintenance and Operation

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

DIVISION 4.5 - 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 U.S. 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.

Indoor 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 Wall and floor framing shall not be enclosed when the framing members exceed 19% moisture content.

Environmental Comfort		
4.507.2 Heating and air-conditioning system design. Duct systems are sized, designed, and equipment is selected using the following methods:		
1. Establish heat loss and heat gain values according to ANSI/ACCA 2 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.		
Installer and Special Inspector Qualifications		
Qualifications		
702.1 Installer training. HVAC system installers are trained and certified in the proper installation of HVAC systems.		
702.2 Special inspection. Special inspectors employed by the enforcing agency must be qualified and able to demonstrate competence in the discipline they are inspecting.		
Verifications		
703.1 Documentation. 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 compliance.		

CALGREEN SIGNATURE DECLARATIONS

SECTION 1 - DESIGN VERIFICATION	
<p>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 the Building Department.</p> <p>The owner and design professional responsible for compliance with CalGreen Standards have revised 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 as adopted by the County.</p>	
<hr/> Owner's Signature	<hr/> Date
<hr/> Owner's Name (Please Print)	
<hr/> Design Professional's Signature	<hr/> Date
<hr/> Design Professional's Name (Please Print)	
<hr/> Signature of License Professional Responsible for CalGreen Compliance	<hr/> Date
<hr/> Name of License Professional responsible for GalGreen compliance (Please Print)	<hr/> Phone
<hr/> Email Address for License Professional responsible for CalGreen Compliance)	