

Residential 1 to 3 Story CALGreen (CGBSC) Correction List
(To be inserted within the body of the Residential Plan Check Correction List)

1. Because of special conditions, the City is requiring the construction documents to be prepared by a licensed design professional. (102.1)
2. The construction documents shall provide sufficient clarify to indicate the location, nature, and scope of the proposed green building features. (102.2)
3. Plans shall indicate method of verification of compliance with all CALGreen requirements. Third party or other methods shall demonstrate satisfactory conformance with mandatory measures. **Include City's Mandatory Measures Checklist copies onto plans.**
4. In mixed occupancy buildings, each portion of a building shall comply with the specific green building measures applicable to each specific occupancy.
5. Storm Water Drainage and Retention
 - a. Submit storm water drainage plans for projects < 1 ac. Plans shall indicate how to manage storm water drainage during construction utilizing one or more of the following measures: 1. Use of retention basins of sufficient size to retain storm water on-site; 2. By filtering storm water with a barrier system, wattle, or other approved method when storm water is conveyed to a public drainage system, collection point, gutter, or similar disposal method; 3. By complying with a lawfully enacted storm water management Ordinance. (4.106.2)
6. Surface drainage
 - a. Submit surface drainage plans to indicate how surface water shall not enter buildings. Examples of methods to manage surface water include:
 1. Swales; 2. Water collection; 3. French Drains; 4. Water retention gardens; 5. Other water measures which keep surface water away from buildings and aid in groundwater recharge. (4106.3)
7. Provide documentation to indicate the project meets the requirements of State mandatory energy efficiency standards. (4201.1)
8. Illustrate that potable water use is reduced by at least 20 percent. (4303.1)
Indicate the method of compliance, either prescriptive or performance.
Note: Residential reduction not required until July 1, 2010.
9. Provide "Baseline Water Use" document (WS-1)

10. Provide 20% Reduction Water Use document (WS-2)
11. Both WS-1 and WS-2 shall be submitted as part of the plan check approval process.
12. Indicate on plans method of showing field verification either by installer or third party.
13. Plumbing fixtures and fittings shall meet the standards referenced in Table 4.303.3 (4303.3)
14. Sec. 4.304 Irrigation controllers shall meet the requirements of Section 4.304.1 of the CGBSC.
 - a. Indicate on the plans the type of controllers and the location.
 - b. Note: field verify controller installation when the controllers are installed by the contractor at time of building final.
15. Seal openings in the building envelope in compliance with the California Energy Code (CEC). Annular spaces around pipes, electric cables, conduits or other openings in plates at exterior walls shall be protected by closing such openings with cement mortar, concrete masonry, or a similar method acceptable to the enforcing agency. (4.406.1)
16. Reduce construction waste by recycling or salvaging for re-use a minimum of 50 percent of the nonhazardous construction and demolition debris, or meet the local construction and demolition waste management ordinance, whichever is more stringent. (4.408.1)
17. Indicate on the plans that a construction waste management plan and documentation demonstrating compliance with the plan shall be submitted that:
 - a. Identifies the materials to be diverted from disposal by recycling, reuse on the project or salvage for future use or sale.
 - b. Specifies if materials will be sorted on-site or mixed for transportation to a diversion facility.
 - c. Identifies the diversion facility where the material collection will be taken.
 - d. Identifies construction methods employed to reduce the amount of waste generated.
 - e. Specifies that the amount of materials diverted shall be calculated by weight or volume, but not by both. (4.408.2, 4.408.2.1)
18. Note on the drawings that an Operation and Maintenance Manual with content per

4.410.1 and in a format acceptable to the enforcing agency shall be placed in the building at the time of final inspection. (4.410.1) Refer to HCD residential guide for manual format and suggested content.

19. Gas fireplaces to be direct-vent sealed-combustion type. Woodstoves or pellet stoves shall comply with U.S. EPA Phase II emission limits. (4.503.1) Note: reference SCAQMD Rule 445.
20. All duct openings and other air distribution component openings shall be protected during storage on the construction site until final start-up with tape, plastic, sheet metal, or other acceptable methods to reduce the amount of dust and debris which may collect in the system. (4.504.1)
21. Finish materials shall comply with this section.
22. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers, and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable, or meet the requirement of SCAQMD Rule 1168 VOC limits and prohibition on the use of certain toxic chemicals, except per subsection 2. (4.504.2.1, subsection 1)
23. Note on the plans that aerosol adhesives, smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packing, which do not weigh more than 1 pound and do not consist of more than 16 fluid ounces shall comply with statewide VOC standards and other requirements, including prohibitions on the use of certain toxic compounds, of CCR, Title 17, commencing with Section 94507. (4.504.2.1, subsection 2)
24. VOC Content Limits for Architectural Coatings (Architectural Paints) shall comply with Table 4.504.3.
25. Aerosol paints and coatings shall meet the requirements of Sections 94522(a)(3), 94522(c)(2), and (d)(2) of California Code of Regulations, Title 17 commencing with Section 94520. (4.504.2.3)
26. Verification of compliance with finish materials shall be provided at the request of the enforcing agency. Documents may include, but not limited to the following:
 - a. Manufacturer's product specification.
 - b. Field verification of on-site product containers.
 - c. Other methods approved by the local jurisdiction.
27. Carpets shall meet one of the following: 1. Carpet and Rug Institute's Green label plus program, 2. California Department of Public Health Standard Practice for the testing of VOCs (Specification 01350), 3. NSF/ANSI 140 at the Gold Level. 4. Scientific

- Certifications Systems Indoor Advantage™ Gold. (4.504.3)
28. Carpet cushion shall meet the requirements of the Carpet and Rug Institute Green Label Program, carpet adhesive shall meet the requirements of Table 4.504.1 (4.504.3.1, 4.504.3.2)
 29. For resilient flooring, at least 50 percent of the floor area shall comply with VOC emission limits defined in the Collaborative for High Performance Schools (CHPS) Low-emitting Materials List or certified under the Resilient Floor Covering Institute (RFCI) FloorScore program. (4.504.4)
 30. Hardwood plywood, particleboard, and medium density fiberboard composite wood products shall meet the requirements for Formaldehyde Limits in Table 4.504.5. (4.504.5)
 31. Note on the plans that documentation shall be provided to indicate compliance with Section 4.504 and shall include at least one of the following: Product certifications and specifications, chain of custody certifications, or other methods acceptable to the enforcing agency. (4.504.5.1)
 32. Concrete slab foundations required to have a vapor retarder by CBC, CCR Title 24, Part 2, Chapter 19 shall also comply with this section. Provide a Capillary Break installed in compliance with one of the following:
 - a. A 4-inch thick base of 1/2-inch or larger clean aggregate, with a vapor barrier in direct contact with concrete, and a concrete mix design which will address bleeding, shrinkage, and curling.
 - b. Other equivalent methods approved by the enforcing agency.
 - c. A slab design specified by a licensed design professional. (4.505.2.1)
 - d. Reference ACI 302.
 33. Add a note to plans the building materials with visible signs of water damage shall not be installed. (4.505.3)
 34. Moisture content of Building Materials, and verification, shall meet the requirements of 4.505.3.
 35. Bathroom exhaust fans shall be ENERGY STAR compliant, ducted to terminate outside the building, and controlled by a humidstat capable of being adjusted between the relative humidity range of 50 to 80 percent. (4.506)
 36. Covers for whole house exhaust fans shall have a minimum insulation value of R-4.2 and close when the fan is off. (4.507.1)

37. Heating and air-conditioning system design shall be sized, designed and have their equipment selected using the following methods: (4.507.2)
 - a. Heat loss and heat gain is established according to ACCA Manual J, ASHRAE handbooks or other equivalent design software or methods.
 - b. Duct systems are sized according to ACCA 29-D Manual D, ASHRAE handbooks or other equivalent design software or methods.
 - c. Select heating and cooling equipment according to ACCA 36-S Manual S or other equivalent design software or methods.

38. Specify inspection is required for certification of all CALGreen features in the plans and listed on Mandatory Measures Lists.
Submit the name and qualifications of the person or persons anticipated to perform the inspections.
() The following credentials are required _____.
() An oral () and written exam is required to obtain the special inspection credential.

39. Submit the following forms/worksheets.
 - a. WS-1, Baseline Water Use
 - b. WS-2, 20 Percent Reduction Water Use.
 - c. Construction Waste Management Plan
 - d. Construction Waste Management Worksheet
 - e. Construction Waste Management Acknowledgment