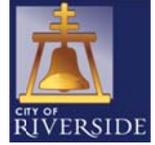


**CALIFORNIA GREEN CODE**  
**MANDATORY REQUIREMENTS – RESIDENTIAL**  
*The following requirements shall be incorporated into this project.*  
**(Highlighted items to be filled-in by applicant.)**



**SITE DEVELOPMENT**

1. Preservation of slopes, management of storm water drainage and erosion controls shall be established on all construction sites for new buildings. The following measures shall be implemented, as appropriate:
  - a) Retention basins of sufficient size shall be utilized on the site to retain storm water.
  - b) Where storm water is conveyed to a public drainage system, water shall be filtered by use of a barrier system, wattle or other approved method.
  - c) Compliance with the all applicable storm water management regulations shall be mandatory.
2. Surface water shall be kept from entering the building.

**ENERGY EFFICIENCY**

1. All new buildings shall comply with the applicable requirements of the California Energy Code.

**WATER EFFICIENCY (EFFECTIVE JULY 1, 2011)**

1. All plumbing fixtures identified in the following schedule will comply with the maximum flow rates shown, or a calculation demonstrating a 20% reduction in water use shall be provided and approved by the Building and Safety Division.

<b>Fixture Type</b>	<b>Maximum Flow Rate</b>
Shower Head	2.0 gpm @ 80 psi
Kitchen Faucet	1.8 gpm @ 60 psi
Lavatory Faucet	1.5 gpm @ 60 psi
Water Closet	1.28 gallons per flush
Urinal	0.5 gallons per flush

2. Automatic irrigation system controllers which are either soil moisture or weather based shall be installed.

**ENVIRONMENTAL QUALITY**

1. All duct and other related air distribution component openings shall be covered with tape, plastic, sheet metal or other acceptable material to reduce the amount of dust or debris which may collect in the system.
2. All adhesives, sealants, caulks, paints and coatings shall comply with the applicable SCAQMD VOC rules and verification of compliance shall be provided at the request of the Building Inspector.
3. All carpet and carpet cushion installed in the building interior shall meet one of the following standards:
  - a) Carpet and Rug Institute's Green Label Plus Program
  - b) California Dept of Public Health Standard Practice for testing of VOCs (Spec 01350)
  - c) NSF/ANSI 140 at the Gold level
  - d) Scientific Certifications Systems Indoor Advantage Gold
4. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the building shall meet the requirements for formaldehyde as specified in the ARB's Air Toxics Control Measure for Composite Wood (17 CCR 93120 et. seq.).
5. A capillary break shall be installed between the concrete slab and supporting grade for all habitable and heated structures.
6. Building materials with visible signs of water damage shall not be installed. Moisture content of framing members shall be verified (and documentation provided to the Building Inspector by the builder) as 19 percent or less prior to enclosure of framing members.
7. All bathroom exhaust fans shall be ENERGY STAR compliant and ducted to the outside of the building. Unless functioning as a component of a whole house ventilation system, fans must be controlled by a readily accessible humidistat capable of adjustments between 50 to 80 percent relative humidity.
8. Whole house exhaust fans shall have insulated louvers or covers (R-4.2 minimum) which close when the fan is off.

**MATERIAL CONSERVATION**

1. 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 or equivalent methods acceptable to the Building Official.
2. The Construction Waste Management Plan shall require that at least 50% of all nonhazardous construction waste generated by this project as identified in the following table is recycled and/or salvaged.

Waste Material Type	(A) Estimated weight of waste <u>before any recycling or salvage</u> (in tons)	(B) Estimated weight of recycled or salvaged waste (in tons)	(C) Projected Diversion Rate (in Percent)
Asphalt			<p>Calculate the Projected Diversion Rate Percentage by using the following formula:</p> $(B) \div (A) \times 100 = (C)$ <p><i>NOTE: Total diversion rate shall not be less than</i></p> <p style="font-size: 1.2em; font-weight: bold;">50%</p> 
Concrete			
Metal			
Wood			
Insulation			
Drywall			
Carpet and pad			
Cardboard and paper			
Plastics			
Glass			
Other:			
Other:			
<b>TOTAL FOR ALL MATERIALS</b>			

- a) All subcontractors shall comply with the project’s Construction Waste Management Plan.
- b) This project shall generate the least amount of waste possible by planning and ordering carefully, following all proper storage and handling procedures to reduce broken and damaged materials and reusing materials whenever possible. Waste materials shall be sorted on site prior to removal.
- c) All construction waste removed from the site shall be documented and said documentation shall be provided in an organized format to the enforcement agency in order to verify compliance with the Construction Waste Management Plan.

**BUILDING MAINTENANCE AND OPERATION**

1. At the time of final building inspection, a manual or other media providing the following information shall be placed in the building:
  - a) Directions to the owner that the manual shall remain with the building.
  - b) Operation and maintenance instructions for all equipment and appliances.
  - c) Information from local utilities concerning conservation programs.
  - d) Public transportation and/or carpooling available in the area.
  - e) Educational materials on the positive impacts of an interior relative humidity between 30–60 percent and how those levels may be achieved and maintained.
  - f) Information concerning water-conserving landscaping and irrigation design.
  - g) Instructions for maintaining gutters and downspouts and the importance of diverting water at least 5 feet away from the foundation.
  - h) Information on required routine maintenance measures, including, but not limited to, caulking, painting, grading around the building, etc.
  - i) Information about state solar energy and incentive programs available.
  - j) A copy of any special reports or commissioning reports required to verify compliance with the Green Code standards.