



APPENDIX A4
RESIDENTIAL MANDATORY MEASURES
 (Modified Table of Appendix 4 Residential Voluntary Measures)

CALIFORNIA GREEN BUILDING STANDARDS VERIFICATION SUMMARY

Qualified Green Building Professional Signature: _____

Rater Certification No.: _____

Phone No.: _____

PROJECT ADDRESS: _____

FEATURE OR MEASURE	MANDATORY	QUALIFIED GREEN BUILDING PROFESSIONAL SHALL INITIAL EACH REQUIRED MEASURE IN THE FIELD AS IT APPLIES BELOW
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Site Development

4.106.2 A plan is developed and implemented to manage storm water drainage during construction.	X	
4.106.3 The site shall be planned and developed to keep surface water away from buildings. Construction plans shall indicate how site grading or a drainage system will manage all surface water flows.	X	

Performance Approach

A4.203.1 Exceed the <i>California Energy Code</i> requirements, based on the 2008 Energy Efficiency Standards requirements by 15 percent.	X	
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Water Efficiency and Conservation
Indoor Water Use

<p>4.303.1 Indoor water use shall be reduced by at least 20 percent using one of the following methods.</p> <ol style="list-style-type: none"> 1. Water saving fixtures or flow restrictors shall be used. 2. A 20 percent reduction in baseline water use shall be demonstrated. 	<p>X</p>	
<p>4.303.2 When using the calculation method specified in Section 4.303.1, multiple showerheads shall not exceed maximum flow rates.</p>	<p>X</p>	
<p>4.303.3 Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with specified performance requirements.</p>	<p>X</p>	

Outdoor Water Use

<p>4.304.1 Automatic irrigation systems controllers installed at the time of final inspection shall be weather-based.</p>	<p>X</p>	
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Enhanced Durability and Reduced Maintenance

<p>4.406.1 Joints and openings. 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.</p>	<p>X</p>	
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Construction Waste Reduction, Disposal and Recycling

<p>4.408.1 A minimum of 50 percent of the construction waste generated at the site is diverted to recycle or salvage.</p>	<p>X</p>	
<p>4.408.2 Where a local jurisdiction does not have a construction and demolition waste management ordinance, a construction waste management plan shall be submitted for approval to the enforcing agency.</p>	<p>X</p>	

Building Maintenance and Operation

<p>4.410.1 An operation and maintenance manual shall be provided to the building occupant or owner.</p>	<p>X</p>	
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Fireplaces

<p>4.503.1 Any installed gas fireplace shall be a direct-vent sealed-combustion type. Any installed woodstove or pellet stove shall comply with US EPA Phase II emission limits where applicable. Woodstoves, pellet stoves, fireplaces shall also comply with applicable local ordinances.</p>	<p>X</p>	
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Pollutant Control

4.504.1 Duct openings and other related air distribution component openings shall be covered during construction.	X	
4.504.2.1 Adhesives, sealants and caulks shall be compliant with VOC and other toxic compound limits.	X	
4.504.2.2 Paints, stains and other coatings shall be compliant with VOC limits.	X	
4.504.2.3 Aerosol paints and coatings shall be compliant with product weighted MIR limits for ROC and other toxic compounds.	X	
4.504.2.4 Documentation shall be provided to verify that compliant VOC limit finish materials have been used.	X	
4.504.3 Carpet and carpet systems shall be compliant with VOC limits.	X	
4.504.4 50 percent of floor area receiving resilient flooring shall comply with the VOC-emission limits defined in the Collaborative for High Performance Schools (CHPS) Low-emitting Materials List or be certified under the Resilient Floor Covering Institute (RFCI) FloorScore program.	X	
4.504.5 Particleboard, medium density fiberboard (MDF) and hardwood plywood used in interior finish systems shall comply with low formaldehyde emission standards.	X	

Interior Moisture Control

4.505.2 Vapor retarder and capillary break is installed at slab on grade foundations.	X	
4.505.3 Moisture content of building materials used in wall and floor framing is checked before enclosure.	X	

Indoor Air Quality and Exhaust

4.506.1 Exhaust fans which terminated outside the building are provided in every bathroom.	X	
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Environmental Comfort

4.507.1 Whole house exhaust fans shall have insulated louvers or covers which close when the fan is off. Covers or louvers shall have a minimum insulation value of R-4.2.	X	
4.507.2 Duct systems are sized, designed, and equipment is selected using the following methods: 1. Establish heat loss and heat gain values according ACCA Manual J or equivalent. 2. Size duct systems according to ACCA 29-D (Manual D) or equivalent. 3. Select heating and cooling equipment according to ACCA 36-S (Manual S) or equivalent.	X	

Installer and Special Inspector Qualifications

702.1 HVAC system installers are trained and certified in the proper installation of HVAC systems.	X	
702.2 Special inspectors employed by the enforcing agency must be qualified and able to demonstrate competence in the discipline they are inspection.	X	

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	X	
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