

GLENN COUNTY

Planning & Public Works Agency

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Building and Safety Division

Residential Green Building Features and Measures

Instructions: Fill-in all of the spaces in the “method of Compliance” column. Specify how compliance is achieved (i.e. proposed products or design) and specify the sheet number of the plans where compliance is shown. The “Verification” columns indicate when verification will occur, whether during plan review, inspection, or both. If documentation checked, documentation showing compliance is to be provided to the Building Inspector prior to final inspection approval.

Site Development	Method of Compliance	Verification		
		Plan Review	Inspector	Documentation
4.106.2 A plan is developed and implemented to manage storm water drainage during construction.				
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 waterflows.				
Energy Efficiency General				
4.201.1 Low-rise residential buildings shall meet or exceed the minimum standard design required by the California Energy Standards.				
Water Efficiency & Conservation-Indoor Water Use				
4.303.1 Indoor water use shall be reduced by at least 20 percent using one of the following methods				
1. Water saving fixtures or flow restrictors shall be used.				
2. A 20% reduction is baseline water use shall be demonstrated.				
4.303.2 When using the calculation method specified in Section 4.303.1 multiple showerheads shall not exceed maximum flow rates.				

Water Efficiency & Conservation-Indoor Water Use - Continued	Method of Compliance	Verification		
		Plan Review	Inspector	Documentation
4.303.3 Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with specified performance.				
Outdoor Water Use				
4.304.1 Automatic Irrigation systems controllers installed at the time of final inspection shall be weather-based.				
Enhanced Durability and reduced maintenance				
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.				
Construction Waste Reduction, Disposal and Recycling				
4.408.1 A minimum of 50 percent of the construction waste generated at the site is diverted to recycle or salvage.				
Building Maintenance and Operation				
4.410.1 An operation and maintenance manual shall be provided to the building occupant or owner.				
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 US EPA Phase II emission limits where applicable. 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.				

ENVIRONMENTAL QUALITY - Continued	Method of Compliance	Verification		
		Plan Review	Inspector	Documentation
Pollutant Control – Cont.				
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 50% of floor area receiving resilient flooring shall comply with the VOC emissions limits defined in the Collaborative for High Performance Schools (CHPS) low-emitting Materials List or be certified under the Resilient Floor Covering Institute (RFCI) Floor-Score program.				
4.504.5 Particleboard, medium density fiberboard (MDF) and hardwood plywood used in interior finish systems shall comply with low formaldehyde emission standards.				
Interior Moisture Control				
4.505.2 Vapor retarder and capillary breaks is installed at slab on grade foundations.				
4.505.3 Moisture content of building materials used in wall and floor framing is checked before enclosure.				
Indoor Air Quality and Exhaust				
4.506.1 Exhaust fans which terminated outside the building are provided in every bathroom.				
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.				
4.507.2 Duct systems are sized, designed, and equipment is selected using the following methods:				

ENVIRONMENTAL QUALITY - Continued	Method of Compliance	VERIFICATION		
		PLAN REVIEW	INSPECTOR	DOCUMENTATION
		Environmental Comfort		
1. Establish heat loss and heat gain values according to 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.				
Installer and Special Inspector Qualifications				
702.1 HVAC system installers are trained and certified in the proper installation of HVAC systems.				

**DIVISION OF BUILDING AND SAFETY
COUNTY OF GLENN**

BUILDING OFFICIAL _____