



2016 CALIFORNIA GREEN BUILDING CODE RESIDENTIAL CHECKLIST

These Green Building mandatory measures apply to additions or alterations of existing residential buildings where the addition or alteration increases the buildings conditioned area, volume, or size. These requirements apply only to the specific area of addition or alteration. New Residences must comply with GreenPoint requirements per LAHMC 8-4.04.

Building Permit Number: _____

Site Address: _____

***In the column labeled “Plan Reference”
specify where each Measure can be found on the plans.***

Green Building Measure	Plan Reference
SITE DEVELOPMENT (2016 CGC §4.106)	
Projects less than one acre shall manage storm water drainage during construction. CGC §4.106.2 & §4.106.3	
ENERGY EFFICIENCY (2016 CGC §4.2 and the 2016 California Energy Code)	
2016 Energy Code performance compliance documentation must be provided in 8-1/2” X 11” format and must be replicated on the plans.	
Walls with 2 X 6 and larger framing require R-19 insulation §150.0 (c) exception 2	
Hot water piping insulation §150.0 (j) 2 and Table 120.3-A	
Lighting – mandatory requirements. §150.0 (k) 1-6	
Duct insulation (R-4.2 for ducts in conditioned space) required §150.0 (m) 1	
Duct leakage testing –5% of the nominal system air handler air flow §150.0 (m) 11	
Duct system sizing and air filter grille sizing §150.0(m)13 A-C	
Water heating system–§150.0 (n) 1 A-D	
Third-party Field verification and diagnostic testing for air flow performance §150.0 (o)	
Fenestration products U-factor (0.58) §150.0 (q)	
Classification of High efficacy light sources 2016 California Energy Code Table 150.0 A	
Compliance with Table 150.1-A Component Package A standard building design	

Green Building Measure	Plan Reference
WATER CONSERVING FIXTURES AND FITTINGS (2016 CPC Chapter 4)	
The effective flush volume of all water closets will not exceed 1.28 gal / flush. 2016 California Plumbing Code 411.2	
Faucets and showerheads will have required minimum standards listed on the plans; 1.8 GPM for Kitchen faucets 1.2 Lavatory faucets CPC 407.2.1.1-.2 and 2.0 GPM for showers 2016 CPC 408.2.1	
Projects with aggregate landscape over 500 square feet shall conform to MWELo 2016 CGC §4.304	
ENHANCED DURABILITY AND REDUCED MAINTENANCE (2016 CGC §4.406)	
Annular spaces around pipes, electric cables, conduits or other openings in sole/bottom plates at exterior walls will be rodent-proofed by closing such openings with cement mortar, concrete masonry, or similar method acceptable to the enforcing agency. 2016 CGC §4.406.1	
CONSTRUCTION WASTE REDUCTION, DISPOSAL, AND RECYCLING (2016 CGC §4.408)	
A minimum of 66% of the non-hazardous construction and demolition waste generated at the site will be diverted to an offsite recycle, diversion, or salvage facility. Construction waste management form required for all additions of habitable square footage.	
BUILDING MAINTENANCE AND OPERATION (2016 CGC §4.410)	
An operation and maintenance manual will be provided to the building occupant or owner. 2016 CGC §4.410.1	
FIREPLACES (2016 CGC §4.503)	
Any gas fireplaces will be direct-vent, sealed-combustible type. 2016 CGC §4.503.1	
Any wood stove or pellet stove will comply with US EPA New Source Performance Standards (NSPS). 2016 CGC §4.503.1	
POLLUTANT CONTROL (2016 CGC §4.504)	
At the time of rough installation, during storage on the construction site, and until final startup of the heating, cooling and ventilating equipment, all duct and other related air distribution components openings will be covered with tape, plastic, sheet metal, or other methods acceptable to the enforcing agency to reduce the amount of water, dust, or debris that may enter the system. 2016 CGC §4.504.1	
Adhesives, sealants, and caulks used shall conform to Bay Air Quality Management District standards. 2016 CGC §4.504.2.1	
Paints and coatings will comply with VOC limits Table 1 per 2016 CGC §4.504.2.2	
Aerosol paints and coatings will meet the Product-weighted MIR limits for ROC and Bay Area Air Quality management District. 2016 CGC §4.504.2.3	
Verification of compliance documents. 2016 CGC §4.504.2.4	
Carpet and pad shall conform to 2016 California Green Building Code. 2016 CGC §4.504.3 1-4.	
Where resilient flooring is installed, at least 80% of the floor area receiving resilient flooring will comply with the California Green Building Code requirements. 2016 CGC §4.504.4	
Hardwood plywood, particleboard, and medium density fiberboard composite wood products used on the interior and exterior of the building will comply with the low formaldehyde emission standards. 2016 CGC §4.504.5	

Green Building Measure		Plan Reference
INTERIOR MOISTURE CONTROL (2016 CGC §4.505)		
Concrete slab foundations required to have a vapor retarder shall also comply with 4.505.2.1. 2016 CGC §4.505.2 and California Residential Code (CRC) §R506.2.3		
Building materials with visible signs of water damage will not be installed. Wall and floor framing will not be enclosed when the framing members exceed 19% moisture content.		
INDOOR AIR QUALITY AND EXHAUST (2016 CGC §4.506)		
Each bathroom shall be mechanically ventilated. 2016 CGC §4.506.1 Unless functioning as a component of a whole-house ventilation system, fans must be controlled by a humidity control. 2016 CGC §4.506.1		
ENVIRONMENTAL COMFORT (2016 CGC §4.507)		
The heating and air-conditioning system will be sized, designed and have their equipment selected using the following methods: 1. Heat Loss/Heat Gain values in accordance with ANSI/ACCA 2 Manual J-2011 or equal; 2. Duct systems are sized according to ANSI/ACCA 1, Manual D-2014 or equivalent; Select heating and cooling equipment in accordance with ANSI/ACCA 3, Manual S-2014 or equivalent. 2016 CGC §4.507.2		
INSTALLER SPECIAL INSPECTOR QUALIFICATION (2016 CGC §702)		
HVAC system installers will be trained and certified in the proper installation of HVAC systems including ducts and equipment by a recognized training/certification program. 2016 CGC §702.1		
VERIFICATION (2016 CGC §703)		
Documentation used to show compliance shall include construction documents, plans, specifications, builder or installer certifications, inspection reports or other methods acceptable to the Town of Los Altos Hills Building Official. 2016 CGC §703.1		
Responsible Designer's Declaration Statement	Contractor's Declaration	
I hereby certify that this project has been designed to meet the requirements of the 2016 Green Building Code.	I hereby certify, as the builder or installer, that this project will be constructed to meet the requirements of the 2016 Green Building Code.	
Name:	Name:	
Address:	Address:	
City/State/Zip Code:	City/State/Zip Code:	
Signature:	Signature:	
Date:	Date:	