



**Building and Safety
Permit Service Center**

All plans must be submitted in electronic format as an unsecured, flattened PDF with embedded fonts. Minimum 11"x17" sheet size.

This checklist is intended to provide information and improve consistency in local application and enforcement of the California Building Code requirements as they may apply to this project.

Numbers in parenthesis refer to code sections of the 2016 edition of the California Residential Code (CRC), California Electrical Code (CEC), California Mechanical Code (CMC), California Plumbing Code (CPC), California Energy Code (CEnC) and California Green Building Standards Code (CGBSC).

Building and Safety

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Code Compliance Checklist

KITCHENS

Project Information

Project Address:

Permit Number:

Permit Submittal Requirements

Schematic Site Plan showing building footprint with distances to property lines. The site plan shall also contain project information (i.e., project address, owner's information, scope of work statement).

Floor Plan (Existing and Proposed) showing the use of all rooms and areas, locations of all the improvements requiring a permit, locations of all interior cabinetry and appliances. See Code Requirements below for any additional guidance.

Electrical/Mechanical/Plumbing Plan specifying the locations of electrical switches, receptacles, lighting fixtures, exhaust fans, plumbing fixtures, etc. See Code Requirements below for any additional guidance.

Code Requirements

Water Conserving Plumbing Fixtures requirements:

- Kitchen faucets shall have a maximum flow rate of 1.8 gallons per minute. Flow may temporarily increase to 2.2 gallons per minute, but must default to a maximum of 1.8 gallons per minute [CGBSC §4.303.1.4.4]
- Prior to final inspection all non-compliant plumbing fixtures shall be upgraded with water-conserving fixtures as required by Civil Code §1101.1. A completed and signed certificate of compliance shall be provided to the Building Inspector.

Electrical Requirements:

- Receptacle outlets shall be installed so that no point along the wall countertop is more than 24 inches from a receptacle in that space. [CEC §210.52(C)(1)]
- Receptacle outlets shall be installed at each kitchen counter space wider than 12 inches. [CEC §210.52(C)(1)]
- At least one receptacle outlet shall be installed at each island or peninsular counter space with a long dimension of 24 inches or greater and a short dimension of 12 inches or greater. [CEC §210-52(C)(2) and §210.52(C)(3)]
- All electrical outlets serving kitchen countertops and dishwashers shall be GFCI protected. Ground fault circuit interrupters shall be located in a readily accessible location. [CEC §210.8(A)(D)]
- At least two separate 20-ampere branch circuits shall be provided for small kitchen appliances. These circuits are limited to supplying wall and counter space outlets only and cannot serve dishwasher, microwave, range hood, garbage disposal, etc. [CEC §210.11(C)(1) and §210.52(B)(3)]
- All added/replaced receptacles shall be listed tamper-resistant receptacles and shall be arc fault protected. [CEC §406.12]

Lighting Requirements:

- All installed luminaires shall be high efficacy. [CEnC §150.0(k)2J]
- Under cabinet lighting shall be switched separately from other lighting systems. [CEnC §150.0(k)2L]

- Luminaries recessed into insulated ceilings: (a) shall be listed for zero clearance insulation cover (IC rated); (b) shall include a label certifying air tight (AT) with air leakage less than 2.0 CFM at 75 pascals; (c) shall be sealed with a gasket or caulk between the luminary housing and ceiling; (d) if recessed lights are equipped with ballasts, shall allow ballast maintenance and replacement without requiring cutting of holes in the ceiling; and (e) shall not contain screw base sockets. [CEES Sec.150(k)12].

Building Envelope Modifications: Exterior wall, floor and roof framing spaces opened up during the course of remodel shall be insulated. R-13 (2x4 wall), R-19 (2x6 wall), R-19 (floor), and R-19 (attic/roof) insulation. [CEnC §150.0(a)(c)(d)]

Window Modifications: Replacement and new windows shall have a U-factor equal to 0.32 or lower. Exceptions: Replacement skylights, or new skylights up to 16 square feet, may have a U-factor of 0.55. When 75 square feet or less of fenestration is replaced windows may have a U-factor of 0.40. [CEnC §150.2(b)]

For window modifications in the Hillside Fires Zones 2 and 3 refer to window and door code compliance checklist

Ventilation Requirements:

- Termination of all environmental air ducts shall be at least 3 feet from property line and from openings into the building, and 10 feet from a forced air inlet. [CMC §502.2.1]
- Whole-Building Ventilation: Kitchens require ventilation air flow at 100 cubic feet per minute or more for intermediate systems or 5 air changes per hour for continuous systems. [ASHREA 62.2]

Smoke Alarms: Dwellings are to be equipped with smoke alarms installed in the following locations: [CRC §314]

- In each existing sleeping room.
- Outside each separate sleeping area in the immediate vicinity of the bedrooms.
- On each story including basements and habitable attics, not including crawl spaces and uninhabitable attics.
- Installed not less than 3 feet horizontally from the door or opening of a bathroom that contains a bathtub or shower unless this would prevent placement of a smoke alarm required by CRC §R314.3.

Carbon Monoxide Alarms: Dwellings that have attached garages with an opening that communicates with the dwelling unit, or fuel burning appliances, or fire place are to be equipped with carbon monoxide alarms installed in the following locations: [CRC §315.3]

- Outside each separate sleeping area in the immediate vicinity of the bedrooms.
- On every occupiable level of a dwelling unit including basements.
- Where a fuel-burning appliance is located within a bedroom or its attached bathroom. A carbon monoxide alarm shall be installed within the bedroom.

Alarm Interconnection and Power: Smoke and carbon monoxide alarms are required to be interconnected such that activation of one alarm will activate all of the alarms and shall receive their primary power from the building wiring. Exception: Where repairs or alterations to existing buildings do not result in the removal of wall and ceiling finishes and there is no access by means of attic, basement or crawl space. [CRC §314 and §315]

Additional:

I certify that I have read and acknowledged all of the Code Requirements noted above. I accept full responsibility for complying with all of the above requirements, as applicable to my project. I further agree that if I fail to comply with the code requirements, due to error or omission, I will correct all deficiencies prior to final inspection.

Name

Signature

Date

Check One:

Contractor

Owner

Owner's Agent