



**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 2022 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 [CPC 420.2.2]
- Prior to final inspection all non-compliant plumbing fixtures shall be upgraded with water-conserving fixtures as required by California 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 or work surface is more than 24 inches from a receptacle in that space. [CEC 210.52(C)(1)]
- Receptacle outlets shall be installed at each kitchen countertop and work surface that is 12 inches or wider. [CEC 210.52(C)(1)]
- At least one receptacle shall be provided for the first 9 square feet, or fraction thereof, of the countertop or work surface. An additional receptacle outlet shall be provided for every additional 18 square feet, or fraction thereof, of the countertop or work surface. [CEC 210.52(C)(2)]
- At least one receptacle outlet shall be located within 2 feet of the outer end of a peninsular countertop or work surface. [CEC 210.52(C)(2)]
- 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)]
- 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)1A and Table 150.0-A]
- Under cabinet lighting shall be controlled separately from ceiling installed lighting such that one can be turned on without the other. [CEnC 150.0(k)2G]
- Luminaires recessed into insulated ceilings: (a) shall not contain screw base lamp sockets; (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) Meet the clearance and installation requirements of CEC 410.116 for recessed luminaires. [CEnC 150.0(k)1C]

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-20 (2x6 wall), R-19 (floor), and R-19 (attic/roof) insulation. [CEnC 150.0(a), 150.0 (c), 150.0 (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)1B and Table 150.1-A]

For window modifications in the Wildland-Urban Interface Fire Areas: Fire 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 a property line and from openings into the building, and 10 feet from a forced air inlet. [CMC 502.2.1]
- A mechanical exhaust directly to the outdoors shall be provided in each kitchen. [CMC 405.4 and BMC 19.32.040]
- Kitchen exhaust with intermittent-controlled operations, shall have an exhaust rate not less than 100 cfm for range hoods or 300 cfm for mechanical exhaust fans including downdraft appliances and shall be rated for sound at a maximum of 3 sone at greater than or equal to 100 cfm. For continuous operated ventilation, the exhaust rate shall be not less than 5 air changes per hour based on kitchen volume for enclosed kitchens and shall be rated for sound at a maximum of 1.0 sone. [CMC 405.4 and BMC 19.32.040]

Smoke Alarms: Dwellings are to be equipped with smoke alarms installed in the following locations: [CRC 314.3]

- 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 required smoke alarm.
- In a hallway serving bedrooms and in a room open to the hallway, where the ceiling height of the room open to the hallway exceeds that of the hallway by 24 inches or more.

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 315.5]

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