

Assessor's Parcel Number: _____

Name of Owner: _____

Contact Person: _____ Phone: _____

Project Address: _____

Scope of Work: _____

Applicable Code: 2022 California Residential Code (CRC)
2022 California Plumbing Code (CPC)
2022 California Mechanical Code (CMC)
2022 California Electrical Code (CEC)
2022 California Energy Code (CEnerC)
2022 California Green Building Standards Code (GRN)

PLUMBING:

- Dishwashers shall be connected with an approved drainage air gap devices located above the flood level rim of the sink. [CPC 807.3]
- Newly installed kitchen faucets shall not exceed 1.8 gallons per minute. [GRN 4.303.1.4.4]
- All piping ¾ inch or more in diameter and all hot water pipes from the heating source to the kitchen fixtures must be insulated with min. 1-inch thick insulation. [CNC 150.0(j)2] Existing in-accessible piping does not require insulation.

MECHANICAL:

- Ducts used for domestic kitchen range or cook-top ventilation shall be of metal and shall have smooth interior surfaces. [CMC 504.3]
Environmental air duct exhaust shall terminate not less than 3 feet from a property line and 3 feet from openings into the building. [CMC 502.2.1]

ELECTRICAL:

- All installed lighting shall be high efficacy. [CNC 150.0(k)(1)(A)]
- Under-cabinet lighting must be switched separately from other lighting. [CNC 150.0(k)(2)(K)]
- A minimum of two 20-amp small appliance branch circuits are required to serve counter-top and wall receptacles in the kitchen, pantry and dining room. [CEC 210.50(B)] No built-in appliances are allowed on these circuits (except an electric clock or the ignition of a gas range).
- Individual (dedicated) circuits are required for garbage disposals, microwaves, compactors, and dishwashers. [CEC 210.19(A)(1)(b)]
- AFCI (arc-fault circuit-interrupter) protection is required for all 120V 15- & 20-amp kitchen circuits. [CEC 210.12(A)]
- Receptacles shall be installed at each counter-top space \geq 12 in. in width. Receptacles shall be installed so that no point along the wall line is more than 24 inches horizontally from an outlet in that space. [CEC 210.52(C)(1)] The maximum spacing between receptacles, measured on the wall-countertop line, is 48 inches.
- All receptacles serving kitchen counter-top surfaces shall have GFCI protection [CEC 210.8(A)(6)].
- Receptacles shall not be installed in a face up position in or on counter-top surfaces unless listed for counter-top applications.[CEC 406.5(E)]. Receptacles or strip outlets can be installed on the underside of the cabinet above the counter-top if within 20 inches of the counter-top. [CEC 210.52 (C)(3)]
- Dishwashers require GFCI protection, including 240-volt dishwashers.
- All GFCI device controls must be in readily accessible locations. Outlets behind a dishwasher are not readily accessible. GFCI protection can be provided by using a GFCI circuit breaker.
- All general purpose and counter-top receptacles must be tamper-resistant. [CEC 406.12]
- Corner sinks separate the space on each side when the distance between the corner and the sink is < 18 inches. If \geq 18 in., the 2 ft. / 4 ft. rule continues behind the sink. [CEC 210.52(C)(1)]
- On islands and peninsulas only, receptacles are allowed on the side of the cabinet, not more than 12 inches below the counter-top and with no overhanging counter-top greater than 6 inches. [CEC 210.52(C)(3)]
- Bar-type counters are considered wall space. Wall spaces \geq 2 ft. require receptacles so that no portion of the wall is more than 6 ft. from a receptacle outlet, measured at the floor/wall line. [CEC 210.52(A)(1)&(2)]
- A range hood / microwave combination can be cord-and-plug connected if the circuit is an individual (dedicated) branch circuit. The receptacle outlet shall be a single type, not a duplex receptacle that would accept two plugs. [CEC 422.16(B)(4)]
- The 24-inch/48-inch rule does not apply to island or peninsular counter-tops. These require only one receptacle per counter-top space, regardless of length. [CEC 210.52(C)(2)] An island or peninsula is considered divided into separate counter-top spaces when a sink or range is installed and does not have 12 inches of space behind it.

NOTE: Due to additional required circuits, electrical main panel may be required to be upgraded based upon field verification.