DEVELOPMENT SERVICES – BUILDING INSPECTION

INSPECTION GUIDELINES:
HOT CHECK

INSPECTION CODE: 247
SCOPE: RESIDENTIAL AND COMMERCIAL
APPLICABLE CODES: 2016 CBC, CRC, CPC, CMC, CEC, CALGreen, CEnC, and PAMC

The information provided in this document is general and intended as a guide only. Each project is unique and additional requirements may be enforced as deemed appropriate.

PRE-INSPECTION
☐ Hot check inspections are made prior to Final Occupancy and must be scheduled as a separate inspection.

☐ Contractor needs to provide a 3-light (with test button) tester.

☐ Premise wiring may be back-fed from temporary power for hot check inspection.

☐ Prior to hot check, verify all connections are torqued and panels are labeled.

INSPECTION
GENERAL
☐ Verify all devices (receptacles and switches) are properly supported and secured. Do not rely on their cover plates for support.

☐ All devices or cover plates for light, switches, and receptacles must be installed.

☐ Verify the panel has all openings/slots sealed. (CEC 110.12 (A))

LIGHTING
☐ Check all exterior lighting and ensure that they are sealed properly.

☐ Ensure that all ceiling fans, ceiling lights, and bathroom vanity lights are installed.

☐ Check for light switch/receptacles at forced air unit in the attic.

☐ Check that each bedroom has a switched receptacle or ceiling light fixture.
RECEPTACLES AND OUTLETS
☐ Check all exterior receptacles.
  o All 125V and 250V receptacles installed on the exterior of the dwelling, where directly exposed to weather (in damp or wet locations) shall be listed as weather-resistant (WR) and be protected with a while-in-use type cover. (CEC 406.8(A), CEC 406.8(B))

☐ Check for spacing for all required wall and counter top receptacles.
  o Counter top receptacles shall be spaced at a maximum of 48” on center and within 24” from the edge of the sink and counters. (CEC 210.52 (C)(4))
  o Counter tops that are 12” or more require a receptacle outlet. (CEC 210.52 (C)(1))
  o Outlets shall not be mounted over 20” above the counter top and not more than 12” below it. (CEC 210.52 (C)(5))
  o Hallways 10’ or more in length require a minimum of one electric receptacle. (CEC 210.52(H))

☐ Islands and peninsulas shall be provided with a minimum of one receptacle. (CEC 210.52 (C)(1)(2)(3))

☐ Electric dryer requires a 4 prong outlet (3-wire with ground). (CEC 250.142)

☐ A 120V service receptacle shall be located within 25’ of, and on the same level as, the equipment for maintenance. The service receptacle shall be connected on the load side of the required means of disconnect. (CMC 310.1)

GFCI PROTECTION
☐ Verify that all garage, bathroom, and kitchen plugs are GFCI protected.
  o Check that, in addition to installing temper-resistant (TR) type receptacles, GFCI protection is provided for all the outlets in the bathrooms, with at least one outlet 36” off the outside edge of each basin. (CEC 210-8(A)(1), CEC 210-52(D))

☐ Verify receptacles in unfinished basements and mechanical rooms are GFCI protected. (CEC 210.8 (A)(5))

☐ Verify that there is a minimum of one accessible and GFCI protected outlet in front and one in the rear of the dwelling. The outlet must be not more than 6.5ft above grade; it shall be listed and gasketed and the covers must be while-in-use/bubble type. (CEC 406.8 (B))

☐ Verify that receptacles located within 6’ of laundry sink edge are GFCI protected. (CEC 210.8 (A)(7))

☐ All 125V, 15A and 20A receptacles installed on the exterior of the dwelling are required to be GFCI protected. (CEC 210.8(A)(3))

☐ Garages must have at least one GFCI protected receptacle. (CEC 210.52(G))