**BUILDING DIVISION**

**STANDARD SINGLE FAMILY DWELLING KITCHEN/BATHROOM REMODEL PLAN**

**SCOPE:**

2019 CALIFORNIA RESIDENTIAL CODE (CRC); 2019 CALIFORNIA BUILDING CODE (CBC) ASCE 7-05; TITLE 24 ENERGY MANDATORY MEASURES

**APPLICABLE STANDARDS:**

2019 CALIFORNIA RESIDENTIAL CODE (CRC) WITH CALIFORNIA BUILDING CODE (CBC) FOR INTERIOR REMODEL OF KITCHENS AND BATHROOMS.

**FLOOD ZONE:**

THIS STANDARD PLAN IS ONLY APPLICABLE FOR INTERIOR REMODEL OF KITCHENS AND BATHROOMS WITHIN A SINGLE FAMILY DWELLING OF TYPE VB CONSTRUCTION, R-3 OCCUPANCY.

**CONSTRUCTION REQUIREMENTS:**

A. KITCHENS SHALL HAVE A CLEAR PASSAGEWAY OF NOT LESS THAN 3 FT. CBC 1207.1
B. ALL RECEPTACLE OUTLETS ARE REQUIRED TO BE LISTED TAMPER RESISTANT. (CEC 406.12 AND 210.52)
C. COMBINATION TYPE AFCI CIRCUIT BREAKERS ARE REQUIRED FOR ALL 120 VOLT SINGLE PHASE 15/20 AMP CIRCUITS SHARING A GROUNDED CONDUCTOR (NEUTRAL) WITH TWO UNGROUNDED (HOT) CONDUCTORS. (CEC 406.2)
D. AT A MINIMUM, ONE DEDICATED 20 AMP CIRCUIT IS REQUIRED FOR A BATHROOM. (CEC 210.11(C)(3))
E. A GFCI PROTECTED RECEPTACLE IS REQUIRED WITHIN 3 FEET OF THE EDGE OF EACH BASIN IN THE BATHROOM. (CEC 210.8)
F. BALLASTS FOR FLOURESCENT LAMPS RATED 13 WATTS OR GREATER SHALL BE ELECTRONIC AND SHALL NOT BE INSTALLED NEAR ANY WALLS. (CEC 210.52(A))
G. JOINTS AND SEAMS OF DUCT SYSTEMS AND THEIR COMPONENTS SHALL NOT BE SEALED WITH CLOTH BACK RUBBER ADHESIVE DUCT TAPE UNLESS SUCH TAPE IS USED IN COMBINATION WITH MASTIC AND LABORATORY TESTED TO MEET THE REQUIREMENTS OF SECTION 303.5 AND 303.6, AND HAVE A LABEL THAT CERTIFIES THE LUMINAIRE IS AIRTIGHT WITH AIR LEAKAGE NOT EXCEEDING 2.0 CFM AT 75 PASCALS WHEN TESTED IN ACCORDANCE WITH ASTM E283; AND BE LISTED FOR ZERO CLEARANCE INSULATION. (CEC 150(K).2J)
H. FIXTURES SHALL BE PROVIDED WITH AN EXHAUST FAN WITH A MINIMUM CAPACITY OF 50 CFM.
I. LIGHTING INSTALLED IN ROOMS OR AREAS OTHER THAN IN KITCHENS, BATHROOMS, GARAGES, LAUNDRY ROOMS, AND UTILITY ROOMS SHALL BE CONTROLLED BY EITHER DIMMER OR VACANCY SENSORS. CAL. ENERGY C. 150(K)2P.
J. BALLASTS USED FOR RESIDENTIAL LIGHTING MEASURES: HIGH-EFFICACY LUMINARIES AND AT LEAST ONE LUMINAIRE IN EACH OF THESE SPACES SHALL BE CONTROLLED BY A MASTER SWITCH OR A Thermostat. CAL. ENERGY C. 150(K)2PJ.
K. LIGHTING INSTALLED IN KITCHENS, BATHROOMS, GARAGES, LAUNDRY ROOMS, AND UTILITY ROOMS SHALL BE CONTROLLED BY A MASTER SWITCH OR A VACANCY SENSORS. CAL. ENERGY C. 150(K)2P.
L. ISLAND AND PENINSULAR COUNTER TOPS MUST HAVE AT LEAST ONE RECEPTACLE.
M. ISLAND AND PENINSULAR COUNTER TOPS MUST HAVE AT LEAST ONE RECEPTACLE.
N. ISLAND AND PENINSULAR COUNTER TOPS MUST HAVE AT LEAST ONE RECEPTACLE.
O. THE SPACING FOR GENERAL RECEPTACLE OUTLETS MUST BE LOCATED SO THAT NO POINT ON ANY WALL IS MORE THAN 24 INCHES FROM A RECEPTACLE. (CEC 210.52(C))
P. THE KITCHEN COUNTER TOP RECEPTACLES MUST HAVE A MIN. OF 2 DEDICATED 20 AMP CIRCUITS.
Q. WATER CLOSET SHALL HAVE AN AVERAGE CONSUMPTION OF A MAXIMUM OF 1.28 GALLONS OF WATER PER FLUSH. CPC 411.2
R. FAUCETS AT KITCHENS SHALL NOT EXCEED A WATER SUPPLY FLOW RATED OF 1.8 GALLONS PER MINUTE MEASURED AT 80 PSI. CPC 408.2
S. THE SPACING FOR GENERAL RECEPTACLE OUTLETS MUST BE LOCATED SO THAT NO POINT ON ANY WALL IS MORE THAN 24 INCHES FROM A RECEPTACLE. (CEC 210.52(C))
T. THE SPACING FOR GENERAL RECEPTACLE OUTLETS MUST BE LOCATED SO THAT NO POINT ON ANY WALL IS MORE THAN 24 INCHES FROM A RECEPTACLE. (CEC 210.52(C))
U. BALLASTS FOR FLOURESCENT LAMPS RATED 13 WATTS OR GREATER SHALL BE ELECTRONIC AND SHALL NOT BE INSTALLED NEAR ANY WALLS. (CEC 210.52(A))