

Application: \_\_\_\_\_ Owner: \_\_\_\_\_



**COUNTY OF HUMBOLDT**  
**PLANNING AND BUILDING DEPARTMENT**

3015 H Street • Eureka CA 95501  
Phone: (707) 445-7541 • Fax: (707) 268-3792

**RESIDENTIAL AS-BUILT ELECTRICAL CERTIFICATION**

TO BE COMPLETED BY A CALIFORNIA LICENSED ELECTRICAL CONTRACTOR

IN ACCORDANCE WITH:

- |                          |   |                          |   |
|--------------------------|---|--------------------------|---|
| <input type="checkbox"/> | CURRENT EDITION OF THE CALIFORNIA ELECTRICAL CODE (CEC) | <input type="checkbox"/> | CURRENT EDITION OF THE CALIFORNIA ELECTRICAL CODE (CEC) <u>AT TIME OF THE ORIGINAL CONSTRUCTION</u> |
|--------------------------|---|--------------------------|---|

**REPORT**

**1) Kitchen:**

- a. Are there two (2) separate 20 amp small appliance circuits for the counter-top per CEC? Note: Built-in appliance(s) are not allowed on these circuits (i.e.: dishwasher, disposal, lights, kitchen hood...)  Yes  No  
Comments: \_\_\_\_\_
- b. Are all receptacles serving the kitchen countertop GFCI protected?  Yes  No  
Comments: \_\_\_\_\_
- c. Is no point along the counter-top more than 24" from a receptacle or 4' on center?  Yes  No  
Comments: \_\_\_\_\_
- d. Are the kitchen countertop receptacles installed on counter spaces 12" or wider?  Yes  No  
Comments: \_\_\_\_\_
- e. Are there receptacles on kitchen island installed per CEC?  Yes  No  
Comments: \_\_\_\_\_
- f. Are receptacles installed on a kitchen peninsula 24" or longer per the CEC?  Yes  No  
Comments: \_\_\_\_\_
- g. Are the garbage disposal, dishwasher, kitchen hood and microwave on a circuit separate from the small appliance circuit?  Yes  No  
Comments: \_\_\_\_\_
- h. Is the main kitchen light on a separate switch per the California Energy Code (CEC)?  Yes  No
- i. Is the main kitchen lighting fluorescent lighting per the CEC?  Yes  No  
Comments: \_\_\_\_\_
- j. Provide conductor size \_\_\_\_ and breaker size \_\_\_\_ for lighting circuit.
- k. Is there an electric cook-top?  Yes  No  
If yes, provide breaker size and wire size: Breaker size: \_\_\_\_\_ Wire size: \_\_\_\_\_  
Comments: \_\_\_\_\_

I. Is there an electric oven?  Yes  No  
If yes, provide breaker size and wire size: Breaker size: \_\_\_\_\_ Wire size: \_\_\_\_\_  
Comments: \_\_\_\_\_

**2) Living Area:**

a. Are all outlets in living areas on a 15 amp or 20 amp arc-fault circuit?  Yes  No  
Comments: \_\_\_\_\_

b. Provide conductor size \_\_\_\_\_ and breaker size \_\_\_\_\_ for circuit serving these spaces.

c. Is no point along a usable wall more than 6' from a receptacle or 12' on center?  Yes  No  
Comments: \_\_\_\_\_

d. Are receptables located on walls 24" or wider?  Yes  No  
Comments: \_\_\_\_\_

e. Does the ceiling fan have a listed junction box in ceiling that can support the fan's weight per the CEC?  Yes  No  N/A  
Comments: \_\_\_\_\_

f. Is the light in the living area controlled by a dimmer or motion switch per the CEC?  Yes  No  N/A  
Comments: \_\_\_\_\_

Living area corrections required: \_\_\_\_\_

**3) Hallways/Stairways:**

a. Does any hallways 10' or more in length have a minimum of one receptacle?  Yes  No  
Comments: \_\_\_\_\_

b. Does the light switch for the stairs have a three-way control?  Yes  No  
Comments: \_\_\_\_\_

Hallway/Stairway corrections required: \_\_\_\_\_

**4) Bedrooms:**

a. Are all outlets in bedrooms on a 15 amp or 20 amp arc-fault circuit?  Yes  No  
Comments: \_\_\_\_\_

b. Provide conductor size \_\_\_\_\_ and breaker size \_\_\_\_\_ for circuit serving these spaces.

c. Is no point along a usable wall in bedrooms more than 6' from receptacle or 12' on center?  Yes  No  
Comments: \_\_\_\_\_

d. Are receptables located on walls that are 24" or wider?  Yes  No  
Comments: \_\_\_\_\_

e. Does all lighting in clothes closets meet the clearances, per CEC, from the shelf to the particular type of light fixture installed?  Yes  No  
Comments: \_\_\_\_\_

f. Is the lighting in the bedroom controlled by a motion switch, dimmer switch or high-efficacy lighting per the CEC?  Yes  No

Comments: \_\_\_\_\_

g. Are smoke detectors located in each bedroom and in each hallway area serving the bedrooms?  Yes  No

Comments: \_\_\_\_\_

h. Are carbon monoxide detectors located in each hallway area serving the bedrooms?  Yes  No

Comments: \_\_\_\_\_

i. Are the smoke detector and carbon monoxide detectors hardwired with battery backup and interconnected to other like detectors?  Yes  No

Comments: \_\_\_\_\_

Bedroom corrections required: \_\_\_\_\_

**5) Bathrooms:**

a. Is there a 20 amp branch circuit for receptacle only or a 20-amp circuit supply for a single bathroom?  Yes  No

Comments: \_\_\_\_\_

b. Is there a receptacle located within 3' of the bathroom basin?  Yes  No

Comments: \_\_\_\_\_

c. Are all bathroom receptacles GFCI protected?  Yes  No

Comments: \_\_\_\_\_

d. There are no pendant lights, track lighting or paddle fans installed above or within 3' horizontally of the bathtub or shower?  Yes  No

Comments: \_\_\_\_\_

e. Are the lights above the bathtub and shower listed for damp locations?  Yes  No

Comments: \_\_\_\_\_

f. Are hydromassage bathtubs on individual branch circuit(s) and protected by a readily accessible ground-fault circuit interrupter?  Yes  No

Comments: \_\_\_\_\_

g. Are the lights in the bathroom fluorescent or motion sensor?  Yes  No

Comments: \_\_\_\_\_

Bathroom corrections required: \_\_\_\_\_

**6) Laundry Room:**

a. Is there a 20-amp branch circuit for laundry receptacle(s) and no other outlets?  Yes  No

Comments: \_\_\_\_\_

b. Are the receptacles in the laundry room within 6' of the utility sink GFCI protected?  Yes  No

Comments: \_\_\_\_\_

c. Does the electric dryer circuit have 240 volt, 30-amp and #10 cu conductors?  Yes  No

Does the electric dryer circuit have 240 volt, 30-amp and #10 cu conductor?  Yes  No

Comments: \_\_\_\_\_

d. Is the light in the laundry room an incandescent light with a motion sensor or high-efficacy?  Yes  No

Comments: \_\_\_\_\_

Laundry room corrections required: \_\_\_\_\_

**7) Garage/Carport:**

a. There are no conductor cables in the open framing within the carport or garage that are subject to physical damage?  Yes  No

Comments: \_\_\_\_\_

b. Is there at least one inside light and receptacle for carport or garage areas?  Yes  No

Comments: \_\_\_\_\_

c. Are all receptacles located in a carport or garage protected by a GFCI device?  Yes  No

Comments: \_\_\_\_\_

d. Is there an exterior light at the exterior door of the garage?  Yes  No

Comments: \_\_\_\_\_

Garage/Carport corrections required: \_\_\_\_\_

**8) Exterior:**

a. Are all receptacles located outside protected by GFCI device?  Yes  No

Comments: \_\_\_\_\_

b. Are there exterior receptacles located in the front and rear of the residence?  Yes  No

Comments: \_\_\_\_\_

c. Do the receptacles have waterproof covers?  Yes  No

Comments: \_\_\_\_\_

d. Is there an exterior light on the near each exterior door with a wall switch or motion sensor?  Yes  No

Comments: \_\_\_\_\_

e. Do the exterior lights have a junction boxes in the wall?  Yes  No

Comments: \_\_\_\_\_

f. There is no non-metallic sheath cable, (Romex) running on the exterior?  Yes  No

Comments: \_\_\_\_\_

g. Are exterior holiday receptacles GFCI protected?  Yes  No

Comments: \_\_\_\_\_

Exterior corrections required: \_\_\_\_\_

**9) Subpanels:**

a. Electrical system contains a subpanel? If "No" items "b" through "j" do not apply.  Yes  No

- b. Provide conductor size \_\_\_\_\_ and breaker size \_\_\_\_\_ for feeder.  
 Comments: \_\_\_\_\_
- c. Where is the subpanel located? \_\_\_\_\_  
 Comments: \_\_\_\_\_
- d. Are all circuits labeled in the subpanel?  Yes  No  
 Comments: \_\_\_\_\_
- e. Do the wires entering the subpanel have wire clamps or bushing restraints installed?  Yes  No  
 Comments: \_\_\_\_\_
- f. Provide number of circuits for the subpanel: \_\_\_\_\_  
 Comments: \_\_\_\_\_
- g. Wires are not double-lugged in the breakers, neutral buss or ground bus?  Yes  No  
 Comments: \_\_\_\_\_
- h. All unused openings in the dead front and knock-out of the subpanel have been plugged?  Yes  No  
 Comments: \_\_\_\_\_
- i. Are the metal gas pipes and metal water pipes bonded?  Yes  No  
 Comments: \_\_\_\_\_
- j. Are the neutral and grounding conductors located on separate bus bars?  Yes  No  
 Comments: \_\_\_\_\_
- Subpanel corrections required: \_\_\_\_\_

**10) General Requirements:**

- a. Are mechanical fasteners used on all electrical connections?  Yes  No  
 Comments: \_\_\_\_\_
- b. Does the sheathing on (Romex) extend a minimum of 1/4" into the box?  Yes  No  
 Comments: \_\_\_\_\_
- c. Are all metal boxes grounded?  Yes  No  
 Comments: \_\_\_\_\_
- d. Are there face-plates on all devices and cover-plates on all electrical boxes per the CEC?  Yes  No  
 Comments: \_\_\_\_\_
- e. Are all devices and fixtures installed and wired/connected per the CEC?  Yes  No  
 Comments: \_\_\_\_\_
- f. Is there at least one wall switch controlled lighting outlet for all garages, hallways, kitchens, bathrooms and habitable rooms?  Yes  No  
 Comments: \_\_\_\_\_
- g. Are all 15 and 20 amp receptacles listed tamper-resistant?  Yes  No  
 Comments: \_\_\_\_\_

h. In addition to any other requirement, is there a smoke detector and carbon monoxide detector on each floor level of the residence?  Yes  No

Comments: \_\_\_\_\_

General corrections required: \_\_\_\_\_

**11) Other:**

a. is there a Swimming Pool located on the property?  Yes  No

Comments: \_\_\_\_\_

b. Is there a Hot Tub/Spa located on the property?  Yes  No

Comments: \_\_\_\_\_

c. Are there any other issues other than those state in the previous sections?  Yes  No

Comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**CERTIFICATION:**

- I hereby certify that the electrical system as installed meets the current edition of the California Electrical Code; **OR**
- I hereby certify that the electrical system once corrected as described above will meet the current edition of the California Electrical Code; **OR**
- I hereby certify that the electrical system as installed meets the current edition of the California Electrical Code at the time of the original construction; **OR**
- I hereby certify that the electrical system once corrected as described above will meet the current edition of the California Electrical Code at the time of the original construction.

\_\_\_\_\_  
Contractor's Name

\_\_\_\_\_  
Contractor's Signature (or representative)

\_\_\_\_\_  
Contractor's License Number

\_\_\_\_\_  
Date of Inspection

Note: The use of this form is for work that was not inspected, and/or done without the required permit(s).  
If a particular section is not applicable, place N/A in the "Comment" section of that question.