

Application: _____ Owner: _____



COUNTY OF HUMBOLDT
PLANNING AND BUILDING DEPARTMENT

3015 H Street • Eureka CA 95501
Phone: (707) 445-7245

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 receptacles 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.