

ELECTRICAL FLOOR PLAN SCALE: 1/4" = 1'

## ELECTRICAL PLAN NOTES

E1. All electrical work is to conform to Title 24, Part 6, of the California Code of Regulations as described in the 2005 Building Energy

Dunant 5/16/06

Efficiency Standards Residential Compliance Manual.

- E2. All kitchen, bathroom, exterior and garage receptacles to be on GFCI circuit. Except receptacles dedicated to fixed equipment (e.g. freezer).
- E3. Provide a separate circuit for microwave oven.
- E4. Provide common 3-wire circuit to duplex receptacle for dishwasher and garbage disposal. Provide common handle tie breaker.
- E5. Exterior lights are to be high efficacy luminaries or be controlled by motion sensor(s) with integral photocontrol in compliance with Section
- E6. Electrical outlets plate gaskets shall be installed on receptacle, switch, and any other boxes in exterior wall.
- E7. Verify all electrical locations and fixtures w/ owner.
- E8. Provide whole house attic ventilation fan (verify location w/ owner).
- E9. All fans to vent to outside air. All fan ducts to have automatic dampers.
- E10. Provide vent for combustion air to outside air for woodstove connected directly to firebox, verify location w/ owner.
- E11. Verify fixture dimensions to be used in recessed locations w/ owner.
- E12. Ceiling fans over 35 lbs. to be supported independently from electrical box.
- E13. Smoke detectors are to be hard wired, interconnected, and have a battery backup.
- E14. Recirculation pump is to have a timer control (RTm).
- E15. The entire length of piping used in the recirculating system will be insulated as described in the energy code.
- E16. HVAC equipment is to have a bypass humidifier for use during winter months.
- E17. If practical kitchen exhaust fan to be an inline type in the attic to reduce noise.
- E18. Provide a light switch and a light at all attic access locations.
- E19. All bedroom 15 ampere and 20 ampere outlet circuits, including lights, are to be on an AFCI (Arc-Fault Circuit Interrupter) circuit.
- E20. Office/Media room 15 ampere and 20 ampere outlet circuits, including lights, are to be on an AFCI (Arc-Fault Circuit Interrupter) circuit.

## ELECTRICAL LEGEND

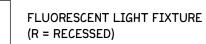
- 110V DUPLEX RECEPTACLE
- GFI 110V DUPLEX RECEPTACLE GROUND FAULT CIRCUIT INTERRUPTER
- 110V DUPLEX RECEPTACLE
- W/ WEATHERPROOF COVER
- 110V DUPLEX RECEPTACLE, SPLIT
- 240V RECEPTACLE
- SINGLE POLE SWITCH
- THREE WAY SWITCH
- FOUR WAY SWITCH
- DIMMER SWITCH
- PENDANT LIGHT FIXTURE
- 110V WALL LIGHT FIXTURE 110V CEILING LIGHT FIXTURE (R = RECESSED)
- ⇒ R 240V RANGE RECEPTACLE

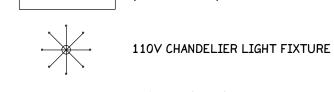
CAT5/TELEVISION JACK

- CAT5 NETWORK JACK
- DOOR BELL PUSH BUTTON
- THERMOSTAT SD SMOKE DETECTOR
- DOOR CHIME
- EXHAUST FAN ♦ EXHAUST FAN \$ LIGHT
- LOW VOLTAGE TRANSFORMER
- 110V OUTLET (R=REFRIGERATOR, M=MICROWAVE, GD=GARBAGE DISPOSAL, DW=DISHWASHER, H= HOOD, CT=COOKTOP
- 110V DUAL SPOTLIGHT

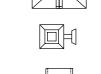
CEILING FAN (NO LIGHT)







110V TRACK LIGHT FIXTURE



EXTERIOR LIGHT FLUORESCENT MOUNTED UNDER CABINET FLUORESCENT BATHROOM

**FIXTURE** 

WALL SCONCE



Ron & Mary Ann Dunant

A portion of the NW 1/4 Sec. 6 T.14N. R.9E. MDM In the unincorporated territory of

NEVADA COUNTY, CALIFORNIA

-ELECTRICAL PLAN ———— A-8-