



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

ELECTRICAL PLAN NOTES Dunant 5/16/06

- 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 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 luminaires or be controlled by motion sensor(s) with integral photocontrol in compliance with Section 119 (d) of the energy code.
- 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		TELEPHONE JACK		CEILING FAN (NO LIGHT)
	110V DUPLEX RECEPTACLE GROUND FAULT CIRCUIT INTERRUPTER		CAT5/TELEVISION JACK		FLUORESCENT LIGHT FIXTURE (R = RECESSED)
	110V DUPLEX RECEPTACLE W/ WEATHERPROOF COVER		CAT5 NETWORK JACK		110V CHANDELIER LIGHT FIXTURE
	110V DUPLEX RECEPTACLE, SPLIT CIRCUIT		DOOR BELL PUSH BUTTON		110V TRACK LIGHT FIXTURE
	240V RECEPTACLE		THERMOSTAT		WALL SCONCE
	SINGLE POLE SWITCH		SMOKE DETECTOR		EXTERIOR LIGHT
	THREE WAY SWITCH		DOOR CHIME		FLUORESCENT MOUNTED UNDER CABINET
	FOUR WAY SWITCH		EXHAUST FAN		FLUORESCENT BATHROOM FIXTURE
	DIMMER SWITCH		EXHAUST FAN & LIGHT		
	PENDANT LIGHT FIXTURE		LOW VOLTAGE TRANSFORMER		
	110V WALL LIGHT FIXTURE		110V OUTLET (R=REFRIGERATOR, M=MICROWAVE, GD=GARBAGE DISPOSAL, DW=DISHWASHER, H=HOOD, CT=COOKTOP)		
	110V CEILING LIGHT FIXTURE (R = RECESSED)		110V DUAL SPOTLIGHT		
	240V RANGE RECEPTACLE				

House Plan

FOR

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

May 16, 2006