

MECHANICAL, PLUMBING and ELECTRICAL NOTES

Incandescent lights in clothes closet need 12" min. from combustibles, such as walls or edge of the shelf, measured horizontally. Six inch horizontal clearance is allowed for recessed incandescent light fixtures in insulated ceilings shall be approved, listed, zero-clearance insulation cover (IC) type.

Electrical disconnects for equipment such as well pumps, HVAC units, septic pumps, etc. shall be within sight and 50' or less from the equipment.

Receptacle outlets shall be spaced such that at any point along the wall at the floor level is not more than 6' from a receptacle without crossing a doorway. Wall spaces greater than 2' in width shall be provided with a receptacle. These receptacles shall be provided in kitchens, family rooms, dens, bedrooms, or similar rooms.

Counter top receptacles in the kitchen or dining room shall be spaced such that at any point along the wall at the counter level is not more than 2' from a receptacle. Any counter space more than 12" wide shall be provided with a receptacle. Peninsular or island counters are to be provided with a receptacle every 4'. These receptacles are to be located within 12" of the counter top and are not to be face up in the counter. Counter tops interrupted by ranges, sinks, or other appliances shall be considered separate counters.

Kitchen counters shall be equipped with two or more 20 amp circuits for small appliances. The total number of receptacles needed shall be equally divided between these circuits.

Electrical meter panels, sub-panels and disconnects, such as at the air conditioner, require a minimum clear working space of not less than 30" wide by 36" deep and 6'6" high.

A ground fault circuit interrupter (GFCI) is required for all 120 volt receptacles installed in bathrooms, garages, outdoors where there is direct grade level access, in unfinished basements, under-floor areas and within 6' of the kitchen sink or bar sink. Receptacles in these locations which are for a dedicated purpose, such as for a clothes washer or central vacuum, may have a single receptacle which is not protected by GFCI.

Efficient Lighting - High efficacy (e.g., fluorescent) in all permanent lighting and controls is required. High efficacy in kitchens; high efficacy or motion sensor in bathrooms, utility rooms, garages, laundry rooms; high efficacy or combined photosensor/motion sensor for exterior lights; high efficacy or dimmer in other lighting; airtight can lights (mandatory), per 2005 Building Energy Efficiency Standards [§ 150X(k)].

A dedicated 20 amp circuit to serve the required bathroom outlets. This circuit cannot supply any other receptacles, lights, fans, etc.

Provide Arc-Fault Circuit Interrupters (AFCI) in all sleeping rooms.

In dwelling units a SMOKE DETECTOR shall be installed in each sleeping room at a point centrally located in the hallway or area giving access to each separate sleeping area. When the dwelling unit has more than one story and in dwelling units with a basement, a smoke detector shall be installed on each story and in the basement. In a dwelling unit where the ceiling height of a room, which is open to the hallway that serves the bedrooms, exceeds the ceiling height of the hallway by 24" or more, smoke detectors shall be installed in the hallway and in the adjacent room. Smoke detectors are to be supplied by the house wiring system, and have a battery backup and emit a signal when the batteries are low; and must be audible in all sleeping areas of the building.

NOTE: detectors may be solely battery operated when installed in existing buildings.

Hose bibs and lawn sprinkler systems shall have approved back flow prevention devices.

Shower and tub-shower combinations shall be provided with individual control valves of the pressure balance or the thermostatic mixing valve type.

Water heaters (generating a slow, spark, or flame capable of lighting flammable vapors) shall be installed 18" above the garage floor.

seismic anchorage of the water heater to include anchors of straps at points within the upper and lower one-third of its vertical dimension, the lower anchor/ strap located to maintain a minimum distance of 4 inches above the controls.

A smooth metal duct for the dryer exhaust which extends outside with a back draft damper is required.

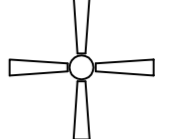
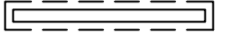


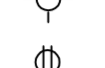





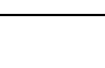
Hydro-massage bathtubs and their associated electrical components and all receptacles within 5' of them shall be protected by a ground-fault circuit interrupter as per 2001 CEC article 680-70.

Hot water pipes to the kitchen shall be insulated (prescriptive) [§ 151K (F) 80].

Replacement windows shall be high efficiency (prescriptive) [§ 152X(b) 1B].

Duct sealing is required when air conditioner/ furnace is replaced or ducts are replaced (prescriptive) [§ 152X(b) 1D,E].

LEGEND

-  CEILING FAN WITH LIGHT
-  FLOURESENT LIGHT FIXTURE
-  GAS
-  GFI OUTLET
-  LIGHT FIXTURE
-  OUTLET
-  RECESSED LIGHT FIXTURE
-  SMOKE DETECTOR
-  BATH FAN/LIGHT COMBO UNIT
-  PHONE JACK
-  CABLE TV

ELECTRICAL PLAN & NOTES

Robert, Skip, Weahunt
California Contractors License # 351604
4777 Sunrise Blvd, Suite A
Fair Oaks, CA 95628

Proposed Plan for:
Mrs. Sutton
455 Fulda Rd.
Alta, CA 95701

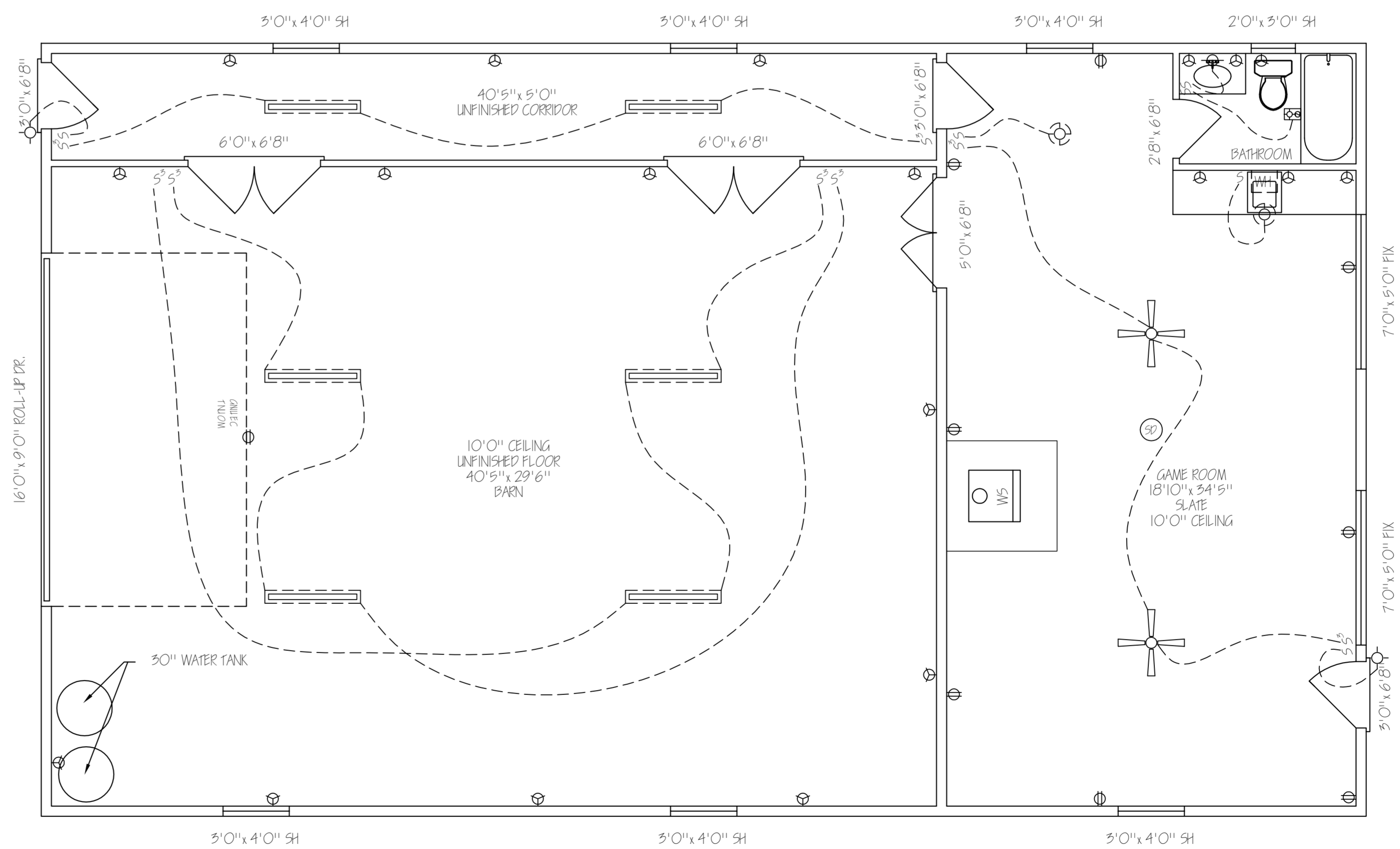
Design & Drafting Services
Kretin McCreagh
(916) 316-4551
draft@house@jtaloo.com
P.O. Box 7148705, Sacramento, CA 95871

Scale:
1/4" = 1'-0"

Date:
August 4, 2011

Job No.
2012

Sheet #3
of 8.



ELECTRIC PLAN

SCALE: 1/4" = 1'-0"

VERIFY ALL DIMENSIONS ON SITE
INFORMATION PROVIDED BY CONTRACTOR