truction shall be in conforma All construction shall be in conformance with all applicable provision and latest addition adopted by the governing agency and local ardine mulaions of the IBC and CBC.

CODES APPLIED TO THIS PROJECT

- 2009 International Ranidactial Code for the 2010 California Ranidactial Code CRC, Part
 2008 National Electrical Code for the 2010 California Electrical Code CRC, Part 3;
 2009 Uniform Mechanical Code for the 2010 California Electrical Code CRC, Part 4;
 2009 Uniform Plumbing Code for the 2010 California Flumbing Code CPC, Part 5;
- 2008 Building RfSciency Standards (residential and nonreside
- 2009. International Fire Code for the 2010 California Fire Code CFC, Part 9; and
- 2009 International Edating Building Code for the 2010 Californ
- The 2010 California Administrative Code, Part 1;
- The 2010 California Green Building Standards (CALGreen) Code, Part 11;
 The 2010 California Referenced Standards Code, Part 12.

Provide 18"x 24" min, foundation access to all under floor areas. Foundation access must be within 20' of all plumbing cleanouts. Provide 22"x 30" min, affic access into all affic areas.

DOORS, WINDOWS AND SKYLIGHTS:
All doors separating conditioned and unconditioned space shall be solid core and weatherstripped. Manufactured doors and windows shall be certified and labeled indicating that meet tion standards. Doors between garage and living area shall be 1 1%", solid core, and have

All windows at living area to be dual glazed, frame per mfg. Specs. Where windows are provided as a means of scape or reacus in sleeping rooms, they shall have a finished sill height not more than 44° above the finished floor. Glass doors, Franch doors, adjacent pencle, and all glazed openings within 24" of the adjacent flour shall be of glass approved for impact hazard. All skylights at living areas to be duel glazed instinated safety glass. Provide 2x4

Window Emergency Escape: Provide minimum one operable window in all bedrooms without Window Emergency Escape; Provide similarum one operation windows in all becrows oderlor exit doors to comply with the emergency escape requirements listed below:

a. Minimum 8.7 a.f. clear operable area.

b. Minimum clear operable halght of 24 inches.

c. Minimum clear operable width of 25 inches.

d. Maximum all height of 44" above finish floor.

STAIRS, HANDRAIL, & GUARDRAIL

STAINS, HANDRAIL, & COARDINAL Stairs to have 7-94° maximum rise and 10° minimum rin. If the tread is less than 11°, a nosting projection of .75° minimum and 1.25° maximum must be provided. Stairway riser heights shall way no more than 3/5° max. (CEC R 311.7)

Headroom at strikways shall be 6'-8" minimum as measured vertically from a plane parallel and tengant to the stairway tread noging, Stairway handrath shall be 36" to 38" above tread noging, Stairway handrath shall be 36" to 38" above tread noging, Stairway handrath shall be stair runs greater than three rises or two reads. Handraths that project from the wall shall have a space of no less than 1-1/2" between handrati and wall, Openings on all handraths and guardraths shall not exceed 4" in width. Guardrails shall be 42" high minimum.

GYPSUM BOARD:

GYPSUM BOARD:

Provide ½" gypsum board at all walls unless noted otherwise. Provide 3/8" gypsum board at all ceilings framed at 24" o.c. unless noted otherwise. Provide censest bosnés or formed concrete tile base at all tile tube or showers up to 70" min. above drain inlet. Provide 3/8" type "X" gypsum board at all walls of gazage adjacents to thiving green. Coruw wall from mudall to roof plywood for 1 hour fire protection. Provide 5/8" type "X" gypsum board at all storage

ONE HOUR CEILING/FLOOR ABOVE GARAGE:
Shall be as follows: %" TecG plywood over plywood trues joists at 16" o.c. Selow trues joist
framing at garage calling shall be two layers of ½" type "\" gypeum board applied to bottom
chord. The first layer must be attached with
15%" type "8" screws 12" o.c. in the field and 5" o.c. at the edges. The second layer must be

FIRE PROTECTION NOTES:

All fireplaces must one of the following

U.S. EPA Phase II-certified fireplace insert or stove

Pellat-fueled wood burning heater,
Masonry heater (not an open hearth wood burning fireplace), or
Dedicated gaseous-fueled fireplace installed per manufacturer's specifications. All chimney
statched to or constructed within buildings shall terminate with 19 gauge wire or 24 gauge stainless steel spark arrestor. The top of the spark arrestor shall be a minimum of 2'-0" above any point of the roof within a 10'-0" horizontal plane.

Boxing of fluest for the prevention if insulation coming in contact with chimney type flues which require sizepace for their approval, all appliance flues passing through the attic shall have built around them at the top of the finished ceiling an open box. The box shall be at least 12" in height and have a minimum clearance of 2" from the flue at all points.

Columns and posts, supporting a second story above the garage shall be protected with a one hour assembly covered by \mathcal{H}' plywood or a minimum of 26 gauge metal 36" up from the finished floor.

Firestopping shall be provided in the following locations:

- a. In concealed spaces of stud walls and partitions including foured spaces, at the calling and floor levels and at 10 intervals both horizontal and vertical.
 b. At all interconnections between concealed vertical and horizontal spaces such as occur at soffits, drop ceilings, and cove ceilings.
- c. In concealed spaces between stair stringers at the top and bottom of the run of stairs if the walls under the stairs are unfinished.
- d. In openings ground vents, pipes, ducts, chimneys, fireplaces, and similar openings which afford pessage for fire at oriting and floor levels, with non-combustible
- e. At openings between attic spaces and chimney spaces for factory built chimneys.

All insulation meterials shall have a flame spread rating not to exceed 25 and smoke density not to exceed 450.

MECHANICAL NOTES:

Fun or other exhaust systems exhausting air from conditioned space to the outside shall be provided with back draft dampers to prevent air leakage.

Provide pan drain line, min. 4" dia., slope 1/4" per foot to exterior of bldg., screen vent

Thermostatically controlled heating or cooling systems shall have an automatic thermostat with a clock mechanism which the building occupant can manually program to automatics set back the thermostat set points for at least two periods within 24 hours.

SITE PLAN NOTES:

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CALIFORNIA BUILDING CODE, THE UNIFORM FLUMBING CODE, THE UNIFORM MECHANICAL CODE, AND THE NATIONAL ELECTRIC CODE; THE LATEST EDITION ADOPTED BY THE LOCAL GOVERNING AGENCY AND/OR APPLICABLE NATIONAL, STATE, AND LOCAL GOVERNING CODES OR ORDINANCES.

ALL GRADING SHALL BE ACCOMPLEHED IN ACCORDANCE WITH APPENDIX J OF THE CALEORNIA BUILDING CODE, ALL EXCAVATED MATERIAL RESULTING FROM GRADING SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR, SEE GRADING NOTES FOR ADDITIONAL REQUIREMENTS. STOCKPILE SOIL FOR REDESTRIBUTION ON

LIMIT SITE GRADING TO THE BUILDING PAD AND SURBOUNDING BUILDING RNVELOPE, FINISH GRADING SHALL SLOPE AWAY FROM THE BUILDING TO COMPLY

WITH CRC SECTION RADI 3. ALL EXCESS BARTH TO BE REMOVED TO AN APPROVED SITE. ALL AC. PAVING, CONCRETE, SHALL SLOPE AWAY FROM BUILDING AT A
MINIMUM SLOPE OF 1/8" PER POOT.

VERIFY LOCATION OF ALL UTILITIES, SEWERS, DRAINS, EASEMENTS, BUILDING

AWAY FROM BUILDING. (SEE GRADING PLAN)

Guardralls at landings/walking surfaces must have 42" tall railing cap with no open area larger than a 4" sphere. Handralls shall be a minimum of 34"

tall with no open area larger than 4" sphere per CBC 1013.2. Triangular space formed by tread/ riser/bottom rall must prevent passage of 6" sphere.

COLLECT DOWNSPOUTS INTO 4" SOLID PIPE AND DISPERSE AT A MINIMUM OF 5 FRET

All exposed bolts and dowels require special inspection per Chapter 17, 2010 CBC. Provide 48 hour notice prior to installation to allow for inspectors schedule. Note: engineer of record may provide these inspections if approved by owner.

Provide science anchorage of appliances per UMC in form of anchor straps, $1'' \times 16$ gauge

Provide smooth metal duct for dryer exhaust to outside of building (not to underflow: Vent shall not exceed 14 feet in length unless approved by mfg. Listing or vent sizing

Provide outside combustion air at fornaces. Provide 1 square inch minimum for each 4000 b.t.u./hour input per opening. Approximately one half of the combustion air opening area shall be located within the upper 12" of the suclosure and approximately one half of the opening shall be located within the lower 12" of the suclosure. The minimum free area of both the lower and upper combustion air openings shall not be less than 100 square inches per each appliance. All air ducts penetrating separation walls or calling between garage and living area to be 26 gauge, per CRC.

LIGHT FOCTURES:

Learns used in luminaries for general lighting in kitchens and bathrooms shall have an efficiency of not less than 40 immens per waif (i.e. fluorescent). Luminaries, which are the only lighting in a kitchen or bathroom will be considered general lighting. Lighting to be used only fic visual tasks or as a decorative effect are exampt from this requirement. Such ighting includes luminuries that are meant to light only a specific task area such as a exempt lighting includes luminaries that are meant to lighting counter, sink, diving table, or bethroom mirror.

Light fixtures in closets must be 18" from all rods and shelves, or be recessed and shell be magne manateus in crowns neture no 10° from all rode and shelves, or be recessed and shell blisted and installed according to C.E.C. 410-8. Clothes closet lamps shall be enclosed if incandescent type.

Light fixtures over tube and showers shall meet N.E.C. requirements for hazardous locations and shall be labeled "suitable for damp locations" as per C.E.C. 410-4 (a). If not labeled for damp locations install at least 7"-6" above high water line of tub or locate lights five feet damp locations install at least 7-or above man wave outside of tub as measured from the side wall of the tub.

SMOKE ALARMS:

Smoke alarms are to be located in all sleeping rooms and at a point centrally located in the orridor or area giving access to each sepe

Smoke alarms shall be provided in dwelling units where the calling height of a room open it the hallway serving the bedrooms exceeds that of the hallway by 24" or more, smoke alarms shall be installed in the hallway and in the adjacent room.

Smoke alarms shall be 110v and receive primary source of power from the house current. Smoke alarms shall have bettery back-up and be interconnected so as to sound in unison when activated.

CARBON MONOXIDE (CO) ALARMS:

ruction: CO alarme shall be installed in dwelling units and in sleeping units within ming appliances are installed and in dwelling units that have eliached garages. CRC R315.1 scisting construction: CO alarms shall be installed where a permit is required for alterations,

EXESTING construction: Use laarmas shall be installed where a permit is required for alterations, repein or additions exceeding \$1,000, exciting dwellings or elsepting units that have ettached garages or fuel-burning appliances. CRC R315.2

CO starms shall be listed as complying with UL 2034, UL 2075 and installed in accordance with CRC and the current edition of NFFA 720 and manufacturer's installation instructions.

CRC R315.3

CO alarms shall be installed in the following locations:

Outside of each separate dwelling unit sleeping area in the immediate vicinity of the

On every level of a dwelling unit including besentents

CO alarms must receive their primary power from a commercial source and be equipped w
a battery backed-up alarm wiring shall be directly connected to the permanent building
widing without a discommenting switch other than that required for over current protection. wiring without a disco CRC R315.1.

tions May be solely battery operated where no commercial power supply exist. May be solely battery operated where repairs or alterations do not result in the val of wall and calling finishes or there is no access by means of attic, besement or crawl

removal of wall and causing masses as a second of the salarm shall be interconnected. CRC R315.1.2 Exception: Interconnection is not required where repairs or afterations do not result in the removal of wall and ceiling finishes, there is no access by means of attic, basement or crawless. space and no previous method for intercunnection existed.

PLUMBING REQUIREMENTS:

All plumbing fixtures and fittings shall be certified by the California energy commission. All All primoring fractives and rimings acquire certurine or year canternate energy commissions. As shower beads, lavatory factors and sink faucets shall be certified by the manufacturer as complying with applicable California appliance efficiency standards. All tollets shall use 1.28 gallon per flush, typical. All fancets shall have flow camirol sentions which limit water delivery to no more than 2.2 gallons per minute for sinks and lavatories. Showers to be limited

All water heaters shall have pressure relief valves. Attach water heater to walls with listed seismic restraint strape at the upper and lower third of heater. Maintain 6" desrance above water heater heater controls. (CPC 500.2).

Provide drain air gap for diahwasher at kitchen sink and anti-aiphon valves at all hose bibs.

OUTLETS, SWITCHES AND CIRCUITRY: ral cuttets, switches, and accessories shall be white in color unless noted otherwise.

Mount electrical boxes as per the following heights:
12" from finished flace to the bottom of receptacle boxes. (U.N.O.)
44" from finished flace to the bottom of boxes in kitchen. (U.N.O.)
36" from finished floor to bottom of boxes at vanity. (U.N.O.)

44" from finished floor to bottom of boxes for switches. (U.N.O.)

cal outlets shall be mounted at localisms noted on plans and 12° o.c. maximum, θ' maximum from corners, and at any wall 2' in length or greater

Electrical outlet haves at rated firewalls to be steel or approved material. All outlets located on opposite sides of rated firewalls shall have minimum 24" horizontal separation.

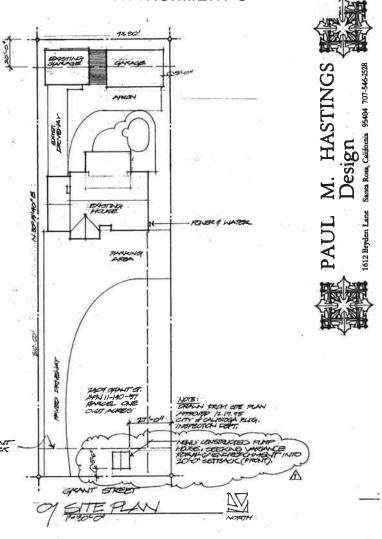
G.F.I. protected outlets shall be provided within 72" of any water source, at all exterior areas and at garaga. Electrical receptacles within 10" of a spa tub shall be G.F.I. protected unless separated by a closable door.

All bedroom outlets to be A.F.C.I. protected

Provide two 20 surp branch circuits at kitchen with no other outlets on the circuit as per C.E.C. 220-4(b) & 210-82(b). Provide separate 20 sump circuit for gas dryer and 30 susp circuit for electric dryer as per C.E.C. 220-4(c).

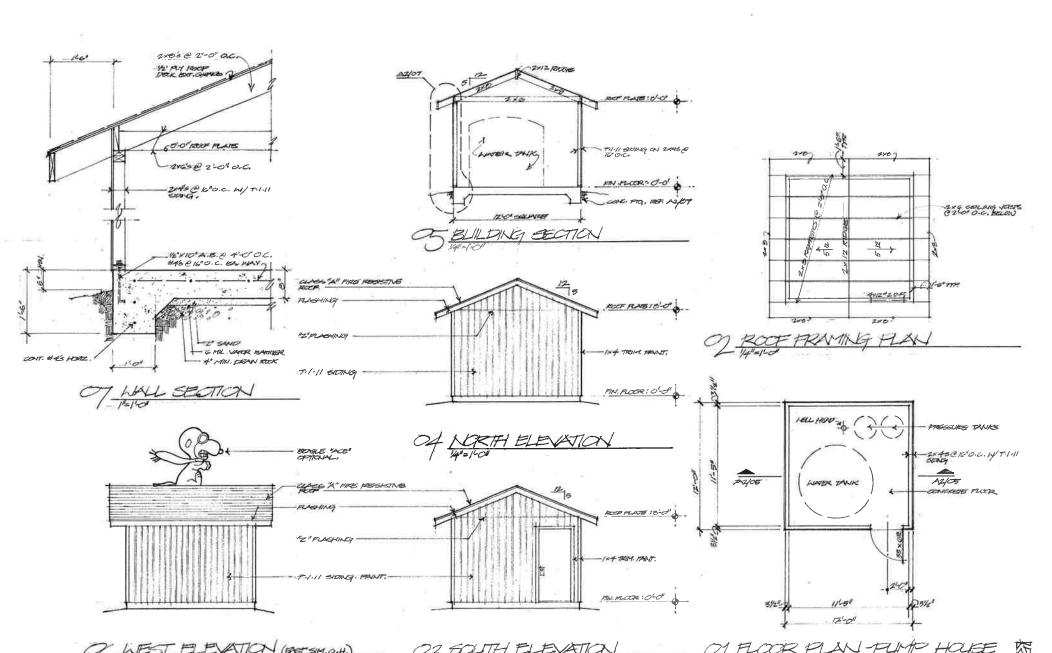
Verify locations of electrical panels and subpanels on floor plan or in field with Contractor or

ATTACHMENT 3



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A Pump House for 2309 GRANT STREET Calistoga, California

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