

REVISION	BY
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NEW SINGLE FAMILY HOUSE @
2882 DARIUS WAY
SAN LEANDRO, CALIFORNIA

CONTENTS:
LIGHTING &
ELEC. PLAN

Date : 03/18/09

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

Drawn:

Job:

Sheet:
E-1

Electrical Legend

Switch

3-way Switch

3-way Dimmer

Switch

Dimmer Switch

Timer Switch

Motion Sensor

Switch

110 V Elec Duplex Outlet

110 V Elec Duplex Outlet - Half Hot

110 V Elec Duplex Outlet - GFCI

110 V Elec Duplex Outlet - GFI Waterproof

110 V Elec Duplex Outlet - GFI Waterproof

110 V Elec Duplex Outlet - Ceiling

Telephone

Computer

Cable

Air Supply Grille

Return Air Grille

Smoke Detector

Push Button

Hose Bibb

Electric Meter

Gas Meter

Ceiling Fixture

Ceiling Fixture - Waterproof

Motion Sensor

Wall Fixture

Wall Fixture - Waterproof

Wall Scone

Recessed Can Light Or Fluorescan

Recessed Can Shower - Waterproof

Recessed Can Wallwasher

Recessed Can Outlet - Low-Voltage

Fluorescent Fixture

1x8 Fluorescent Fixture

Track Light

Ceiling Fan w/ Light

Exhaust Fan

Exhaust Fan Light Combo

House Security Control Panel

Intercon Control Board

Main Switchboard

Electrical Note

1. Smoke detectors shall receive their primary power source from the building wiring and shall be equipped with battery back up and low battery signal. In existing construction, smoke detectors may be battery operated.

2. All branch circuits that supply receptacle outlets installed in bedrooms shall be protected by an arc-fault circuit interrupter(s). CEC 210-12 (b)

3. Each bedroom requires at least one separate 20-amp circuit to supply the bedroom receptacle outlet(s). CEC section 210-11 (3) 3

4. Provide 2 minimum separate 20 amp circuits to kitchen appliances. NEC 210-52 (b)

5. The laundry shall have a 20 ampere rated circuit per CEC section 210-11 (c) 2

6. Furnace/central heating equipment shall have a dedicated circuit per CEC section 422-12

7. All lights in a closet shall meet the spacing requirements of CEC section 410-88

8. The new foundation shall have a concrete encased electrode per the City of Alameda ordinance governing CEC section 290-50 (3)

9. Shower and tub-shower combinations shall be provided with individual control valves of the pressure balancing or thermostatic mixing valve type (anti-scalding valve) per CPC 420.0

TITLE-24 ELECTRICAL REQUIREMENTS	
KITCHEN	High Efficacy OR Up to 50% Of The Total WaIage Can Be All High Efficacy and Low Efficacy Lighting Must Be Controlled Separately.
Bathroom	At Least One High Efficacy While the remaining low efficacy On Manulcon Occupancy Sensor
Garage	High Efficacy AND Manulcon Occupancy Sensor
Laundry Room	High Efficacy AND Manulcon Occupancy Sensor
Utility Room	High Efficacy AND Manulcon Occupancy Sensor
At Other Interier Rooms (e.g. Living Room, Dining Room, Bedrooms, Hallways) except Closets Less Than 70 sq.ft.	High Efficacy OR Manulcon Occupancy Sensor OR Dimmer
Outdoor Lighting Attached To Buildings	High Efficacy OR Controlled By Motion Sensor + Photocontrol

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Exhibit N
February 1, 2018