

ELECTRICAL SYMBOLS

1 POLE, CEILING MOUNT LIGHT, WALL MOUNT LIGHT, GFCI, WATER PROOF OUTLET W/BUBBLE COVER, EXHAUST FAN

** All addition electrical circuits shall be homerun from the service. Do not branch off existing electrical.*

ELECTRICAL NOTES PER 2010 CEC CODES

SMOKE DETECTORS ARE 110V WITH BATTERY BACKUP & ARE AUDIBLE IN ALL SLEEPING AREAS.

A DEDICATED 20-AMP CIRCUIT IS REQUIRED TO SERVICE THE REQUIRED BATHROOM OUTLETS. THIS CIRCUIT CANNOT SUPPLY ANY OTHER RECEPTACLES, LIGHTS, FANS, ETC.

PROVIDE ARC FAULT CIRCUIT INTERRUPTER COMBINATION TYPE LISTED TO PROVIDE PROTECTION TO THE ENTIRE BRANCH CIRCUIT AT ALL 125 VOLT, 15 AND 20 AMP BRANCH CIRCUITS SUPPLYING BEDROOMS. 2010 CEC SECTION 210.12B.

PROVIDE LISTED TAMPER RESISTANT RECEPTACLES FOR ALL 125 VOLT, 15 & 20 AMP RECEPTACLES., 2010 CRC, SECTION 406.11.

PROVIDE CARBON MONOXIDE ALARMS PER 2010 CRC, SECTION R315.

PROVIDE A #8 SUPER GROUND LOCATED AT THE MAIN SERVICE PANEL.

PERMANENTLY INSTALLED LIGHTING IN BATHROOM, GARAGES, LAUNDRY ROOMS AND UTILITY ROOM. ALL LUMINARIES SHALL EITHER BE HIGH EFFICIENCY. PERMANENTLY INSTALLED LIGHTING FIXTURES THAT ARE NOT HIGH EFFICACY CAN BE INSTALLED IN THOSE AREAS PROVIDED THY THEY ARE CONTROLLED BY A MANUAL-ON MOTION SENSOR.

PERMANENTLY INSTALLED LIGHTING IN CLOSETS GREATER THAN 70 SQ.FT. SHALL BE HIGH EFFICACY LUMINARIES.

OUTDOOR LIGHTING, ALL LUMINARIES MOUNTED OT THE BUILDING OR TO OTHER BUILDING ON THE SAME LOT SHALL BE HIGH EFFICIENCY LUMINARIES OR SHALL BE CONTROLLED BY A PHOTO CONTROL/MOTION SENSOR COMBINATION.

ADDITIONS: ELECTRICAL UPGRADES ONLY APPLICABLE AT AFFECTED AREAS OF CONSTRUCTION.

ELECTRICAL PANELS ARE PROHIBITED IN BATHROOMS OR CLOTHES CLOSETS.

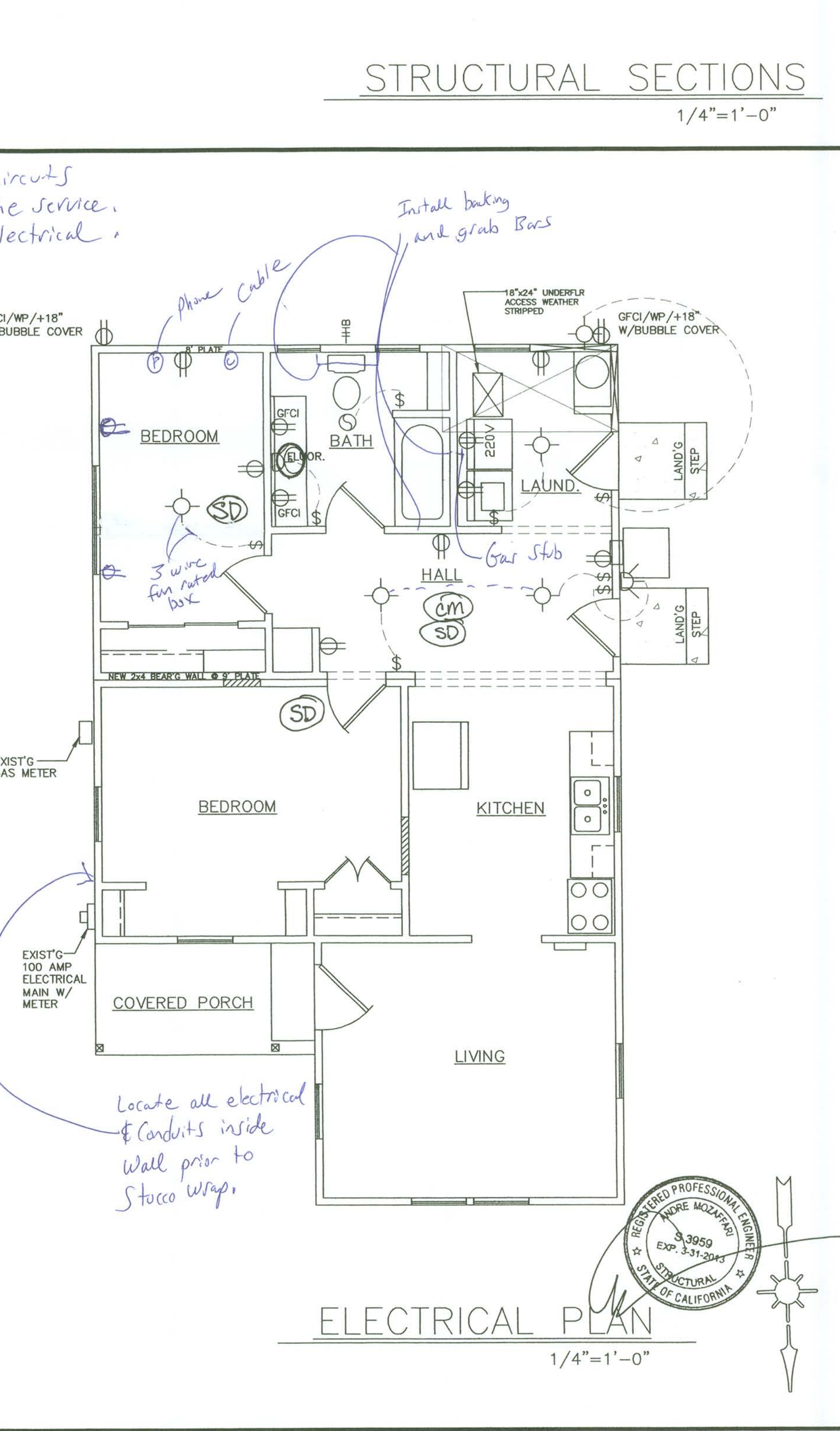
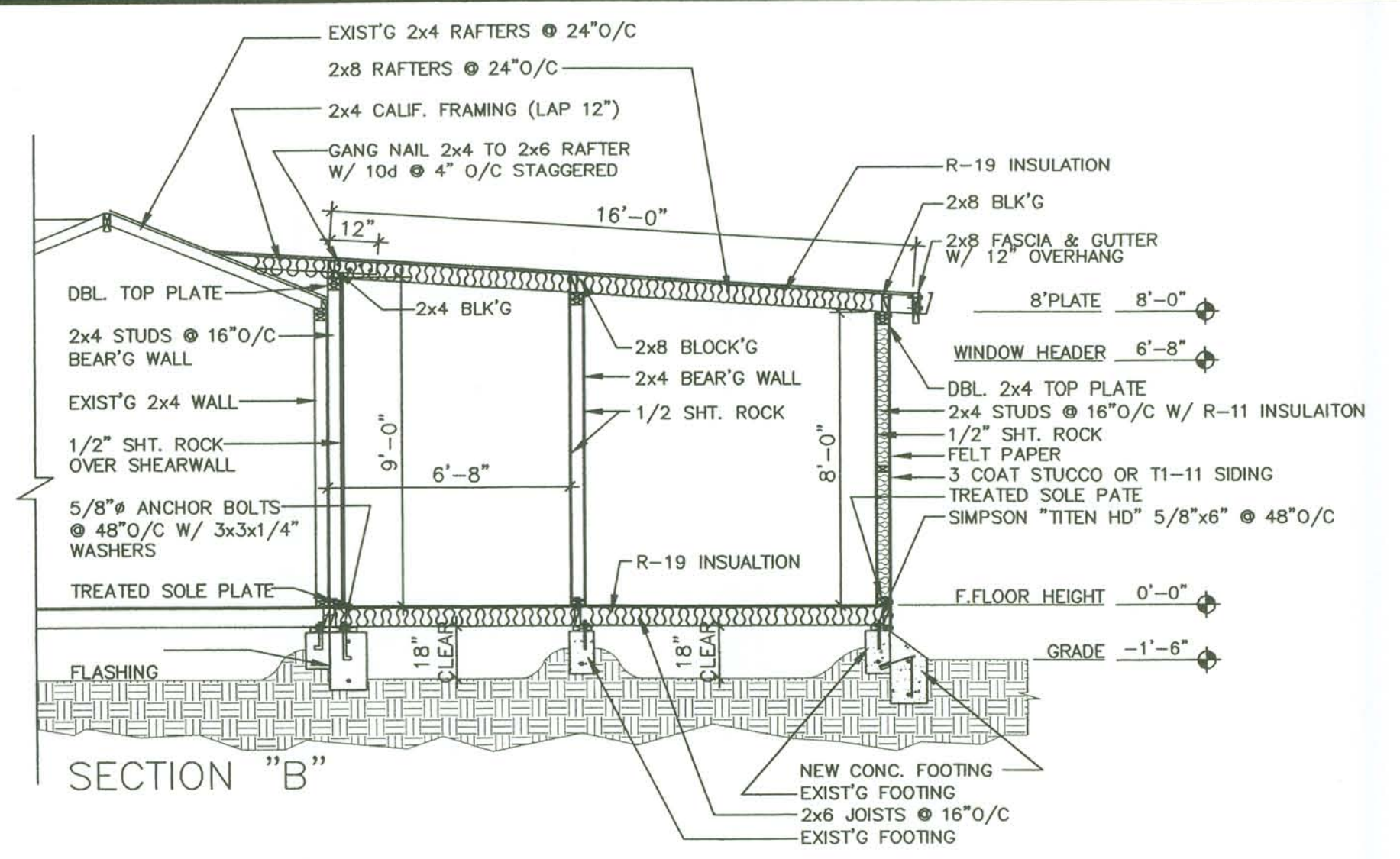
ALL 3/4" OR LARGER HOT WATER LINES TO BE INSULATED WITH R-4 OR GREATER UNDER SLAB WITHIN WALLS PER ENERGY CALCUALTIONS.

ALL SWITCHES ON A MULTIPLE SWITCHED CIRCUIT SHALL BE CONTROLLED BY THE DIMMER SWITCH ON THE CIRCUIT.

ALL BRANCH CIRCUITS THAT SUPPLY 125 VOLT, SINGLE PHASE 15 & 20 AMP OUTLES (NOT JUST RECEPTACLES) IN BEDROOMS SHALL HAVE AFCI PROTECTIONS LISTED TO PROVIDE PROTECTION OF THE ENTIRE BRANCH CIRCUIT.

PROVIDE A PERMINENT ELECTRICAL OUTLET AND LIGHT FIXTURE CONTROLLED BY A SWITCH LOCATED AT THE ACCESS OPENING AT OR NEAR THE ATTIC FURNACE UNIT.

BATHROOM AND LAUNDRY ROOM RECEPTACLES SHALL BE SUPPLIED BY A 20 AMPERE BRANCH CIRCUIT EXCUSIVE TO THOSE ROOMS.



ELECTRICAL PLAN
1/4"=1'-0"

National Computerized Designs
"ARTISTIC DESIGN & DRAFTING FOR RESIDENTIAL & COMMERCIAL BUILDINGS"
Karen Croyle

OWNER: TERRI REYNOLDS, 2008 HACKETT AVE., CERES, CA 95308, 1-209-537-7381, 1-209-416-2531

PROJECT: REMOVE/REPLACE ONE STORY 824 SQ.FT., LOCATION: 2008 HACKETT AVE., CERES, CA STANISLAUS COUNTY

REVISED: 6-20-11, REVISED: 7-7-2011, SCALE: 1/4"=1'-0", JOB #: #9-11 (Reynolds), SHEET 4 OF 4, DWG: Elec.dwg, DRAWN: Karen Croyle

REGISTERED PROFESSIONAL ENGINEER
KAREN CROYLE
3,3959
EXP. 3-31-2014
STRUCTURAL
STATE OF CALIFORNIA