



ELECTRICAL PLAN COMPLETENESS

PLANNING & BUILDING DEPARTMENT • COUNTY OF SAN LUIS OBISPO
976 OSOS STREET • ROOM 200 • SAN LUIS OBISPO • CALIFORNIA 93408 • (805) 781-5600

The following information must be included on all electrical. Electrical plans must show compliance with the current edition of the California Electrical Code (2013 California Electrical Code)

1. Provide a complete single line diagram showing all existing and new electrical equipment.
2. Provide a site plan drawn to scale showing the location of all proposed and existing electrical equipment and all buildings or structures on the property.
3. Show the size (amperage rating) of the existing and/or proposed service equipment.
4. Show the system voltage and note if single phase or three phase.
5. Note all fuse and/or circuit breaker sizes. Also indicate if single, two or three pole.
6. For nonresidential projects, show the short circuit current rating of the equipment. Provide an available fault current letter from PG&E.
7. Show the sizes and types of all conduits. (i.e. EMT, rigid metal, PVC etc.)
8. Show the sizes and number of circuit conductors in each raceway (conduit).
9. Note the conductor type (copper or aluminum) and the insulation types (THWN, RHW, UF, etc.)
10. For all transformers, show the primary and secondary voltage and the kVA rating.
11. Show the size and rating of all sub-fed panels.
12. Show and location of all required disconnects.
13. Provide load calculations and panel schedules when adding to existing panels or installing new subpanels.
14. Show horsepower rating of all motors. Indicate voltage and phase.
15. Show sizes and types of motor control panels and/or pump control panels including overcurrent and overload protection.
16. Provide Voltage drop calculations for all Feeders and Branch circuits to show compliance with the California Energy Code.