

ELECTRICAL PLAN CHECK REQUIREMENTS

PLAN CHECK REQUIRED for:

Residential –

- All apartment, condominium or townhouse buildings and single-family dwellings with more than 3,000 sf of living area are required to submit plans for plan check.

Note: Services in excess of 400 amps must have plans prepared, sealed and wet signed by a California Registered Electrical Engineer.

Non-Residential –

- Parking lot lighting when there are ten or more parking spaces provided
- Building, where service size exceeds 200 amps

Note: Services in excess of 600 amps must have plans prepared, sealed and wet signed by a California Registered Electrical Engineer.

ELECTRICAL PLAN SUBMITTAL REQUIREMENTS for:

Residential –

- Two sets of plans required (one set must be black line). Plans to be on a minimum 18" x 24" size sheets and must be legible and to 1/8th minimum scale.
- Each set of plans shall contain:
 - Load calculations on main service and sub panels
 - Complete single line diagram indicating main service size, grounding and sub-panel feeders
 - Floor plan showing outlets, switches, luminaries and sub-panels
 - Title 24 Energy Calculations as necessary
- Each plan sheet shall contain:
 - Complete address of property
 - Name address, phone number and C-10 license number for electrical contractor
 - Name, address and phone number for California registered Electrical Engineer, if required

Non-Residential –

- Two sets of plans required (one set must be blackline). Plans to be on a minimum 18" x 24" size sheets and must be legible and to 1/8th minimum scale.
- Each set of plans shall contain:
 - Provide single line drawing for feeders to all panels - NEC 215-5.
 - Provide load calculations for loads on main service and panels per NEC 220. Identify new loads added to existing equipment.
 - Floor plan showing outlets, switches, luminaries and sub-panels.
 - Line drawing indicating conduit/cable used with circuit number assigned to all loads.
 - Title 24 Energy Calculations as necessary, including compliance statement on plans, daylight area control with separate switching, all required forms and calculations with signatures of design professional.
- Each plan sheet shall contain:
 - Complete address of property
 - Name address, phone number and C-10 license number for electrical contractor
 - Name, address and phone number for California registered Electrical Engineer, if required.

ADDITIONAL INFORMATIONAL SHEETS:

- Please see additional informational sheets available from the Building Division for:
 - Parking lot lighting
 - Residential Photovoltaic Systems
 - Emergency Generators

