



## ELECTRICAL FOR PATIO COVERS

### PERMITS

Whenever electrical work is being done on a patio cover an electrical permit is required. This permit must be pulled by

- an electrical contractor.
- a general contractor (inspection holds will be placed on permit until a licensed electrical contractor registers as sub for the job).
- an owner (only when the owner pulls the permit as owner/builder).

### PLANS

Existing Circuit: Electrical plans are required whenever more than five (5) devices are being added, (a fan = two devices, general rule) and is submitted at the same time as the patio application or plans are submitted.

New Branch Circuit (home run back to panel): There is a maximum of twelve (12) outlets allowed each dedicated 20 amp circuit to the patio cover (a fan = two devices, general rule).

Reminder: CLV Electrical Ordinance requires the calculated load for a new single family dwelling service to have a minimum of 20-amperes for future expansion. These 20-amperes have been added to the total net computed load. Field Inspection staff may require plan review and or load calculations due to conditions re: panel loads and panel space.

Plans shall be complete and include the following:

- Floor plan showing all receptacle and lighting outlets
- Load calculations
- Plans must be signed by an electrical engineer, electrical contractor, or owner/builder. When the electrical contractor signs plans, that contractor must also perform the work.

### 210-23 Permissible Loads

(e) Dwelling Branch Circuits.

- (1) The maximum number of lighting outlets on a 15-ampere, 125-volt (nominal) lighting fixture circuit shall be 10 and shall not contain general-purpose outlets.
- (2) The maximum number of outlets on a 20-ampere, 125-volt (nominal) circuit used either exclusively for receptacles or exclusively for lighting fixtures or for any combination of receptacles and lighting fixtures shall be 10.