

# Electrical Permit/Plan Submittal Requirements

Electrical permits are required as part of new construction, additions, remodels and changes of occupancy for commercial, residential and utility buildings, and as part of miscellaneous permits that include electrical work (air conditioning, furnaces, WH etc).

## Electrical permits are also required for:

- Photovoltaic systems and other alternate power sources
- Fire alarm wiring
- Prefabricated home connection to electric meter
- Cell tower, wireless communication facilities and phone sites that require electrical services
- Electrical service upgrades and other electrical-only work inside buildings
- Temporary power poles
- Oil and gas operation electrical installations
- Agricultural, irrigation and utility electrical installations
- Electrical signs

## When are electrical plans required?

- All commercial (including multi-family) new build, tenant finish and change of occupancy permits shall include drawings stamped by a licensed Colorado Electrical Engineer for review. Minor alteration/remodel permits can be excluded.
- For one- and two-family residential projects with over 6500 square feet gross floor area or with a 400 amp or larger electrical service, load calculations must be provided for review, including electrical service upgrades.
- Solar PV and other alternate power sources require one-line drawings, site layouts and product listing information. See “Submittal Guidelines for Alternate Power Sources” for more information.
- Most residential projects, utility buildings, irrigation wells and equipment, oil and gas installations, and miscellaneous electrical permits will not require plans.

## For more information on specific electrical project requirements, please see:

- Wiring Guidelines – Single Family Residential
- Submittal Guidelines for Alternate Power Sources
- Mobile/Manufactured Homes Electrical Wiring Guide