



ELECTRICAL SERVICE SUBMITTAL REQUIREMENTS

The following shall be required for all electrical service plan submittals:

- A one-line diagram to include:
 - panel and sub-panel
 - conductor sizes and types
 - conduit sizes and types
 - bonding methods
 - grounding electrode size and type
- Panel and sub-panel types
 - panel schedules
- Documentation must be included that panel is sized for future electric vehicle supply equipment per 2024 IRC Section E3704.

Complete load calculations may be required.

One (1) set of drawings shall be submitted for all services up to 400 amperes, 120/240 volts, single phase.

Electrical services greater than 400 amperes, and all three-phase systems, shall be designed by a licensed Arizona electrical engineer, to include plans and calculations.

All changes to, or installation of, electrical service for commercial properties require plans be submitted for approval by the Building Safety Unit.

Over-the-counter electrical permits will not be issued for commercial properties.

Additional information may be required at plan review, or as deemed necessary during site inspections.

