

**CITY & COUNTY OF DENVER
COMMUNITY PLANNING & DEVELOPMENT
BUILDING PERMIT POLICY**

Subject: ELECTRICAL PLAN REVIEW REQUIRED

Approved: Eric Browning, P.E., Building Official

Drafted by: Pafford

Number: DBC ADMIN 133

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Reference: 2022 Denver Building Code (DBC) Section 1 Administration Sections 130.3.2 & 133 Drawings, Specifications and Surveys; 2022 Denver Residential Code (DRC)

This policy clarifies when a quick permit can be issued for the minor alteration and repair of existing buildings and utilities without the submittal of drawings or specifications for electrical plan review by identifying when the review of stamped and signed engineered electrical plans is required for issuance of an electrical permit.

Applications for electrical permits covering the following installations must be accompanied by engineered drawings and specifications as described in DBC 133.2.8. Computer-generated, non-constructible diagrams created by short circuit, selective coordination, or other calculating programs will not be accepted.

The following installations will require a review of stamped and signed engineered electrical plans:

1. Commercial electrical installations of new services or modifications to existing services for all ampacity ratings.
2. Commercial installations with any of the following:
 - a. Ten or more new 15 or 20 amp, single pole circuits.
 - b. Any new circuit rated above 20 amps.
 - c. Any multi-pole or multi-phase electrical loads.
 - d. Changes to the existing electrical distribution, including panelboards, transformers, generators, or other electrical distribution equipment.
3. Electrical service upgrade or new installations for residential one- and two-family dwelling units where the service ampacity is, or will be, rated for over 200 amps.
4. Installation of a separate independent electrical service or service upgrade to a detached accessory structure on a one- and two-family zone lot where an existing separate independent electrical service already exists to a different structure located on the same zone lot.

Exceptions:

- a. If the use of the detached accessory structure has been determined and approved by Zoning, a review of engineered plans for the new service to the detached accessory structure will not be required provided that the electrical service will be rated for 200 amps or less.
- b. If the new electrical service will be installed solely to charge electric vehicles and will be rated 200 amps or less, no engineered plans will be required for review.
5. Temporary services to trailers, tents, or other temporary structures.
6. Temporary services for construction where used for the construction of all buildings and structures other than residential one and two family dwellings.
7. Temporary generators for special events lasting longer than 72 hours unless approved by the Building Official.
8. All commercial and multi-family photovoltaic systems regardless of kW DC rating.
9. All photovoltaic systems for residential one- and two-family dwelling units and DRC townhomes where rated 10kW DC and above, or where an energy storage system or solar shingles will be installed.
10. All other new work, modifications, revisions, or additions to the electrical design not included in the above list.

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