



*City of Cortez
Planning and Building Department
123 Roger Smith Avenue
Cortez, CO 81321*

ELECTRICAL PLAN REVIEW REQUIREMENTS

Electrical Plan Reviews are based on the 2017 edition of the *National Electrical Code*® as referenced by the *International Building Code*® unless otherwise directed.

The following specifications, drawings and details are required:

1. Complete signed and sealed plans and specifications of all electrical work.
2. Labeling criteria of all electrical equipment.
3. Lighting floor plan including fixture locations, electrical circuits, circuit numbers, and panel locations.
4. Power floor plans including electrical circuits, wiring sizes, panel locations, working clearances and electrical room egress, disconnect switches, receptacle locations including GFCI locations and required arc fault protected circuits.
5. Exit sign/means of egress lighting location and power supply.
6. Single line diagram and panelboard schedule including AIC rating and available fault current and the calculated service load with a load distribution schedule.
7. Lighting fixture schedule.
8. Symbol schedule and diagrams.
9. Details showing the grounding electrodes, bonding of the grounding electrode system and the size of all bonding and grounding electrode conductors for the service.
10. Specifications to include requirements for:
 - a. Wire, cable, raceway and conduit with fittings.
 - b. Electrical boxes, connections, fittings and installation.
 - c. Electrical wiring devices.
 - d. Circuit and motor disconnects, and motor control centers.
 - g. Hangers and supporting devices.
 - f. Electrical identification.
 - g. Service entrance and details.
 - h. Overcurrent protection and grounding.
 - i. Switchboard and panelboards.
 - j. Transformers.
 - k. Lighting fixtures.