

Electrical Plan Submittal Requirements for Commercial Buildings

- ❖ All plans shall be prepared in accordance with the 2017 NEC as adopted by Campbell County.
- ❖ Three complete sets of plans shall be submitted.
- ❖ Floor plans drawn to scale or show dimensions of building and all rooms.
- ❖ Show lights, receptacle outlets and switches on floor plan.
- ❖ Show exit lights and emergency lighting on floor plan.
- ❖ Note what wiring method will be used (EMT, MC cable etc.)
- ❖ Show location of service disconnecting means.
- ❖ Show location of all subpanels and transformers.
- ❖ Show size of all feeder conduits and conductors to subpanels, service pan and transformers.
- ❖ Show amperage and voltage of service, subpanels and transformers.
- ❖ Show over current protection of service, subpanels and transformers.
- ❖ Show grounding electrodes and size of grounding electrode conductor.
- ❖ Show which outlets are GFCI protected.
- ❖ Show circuits and disconnecting means for appliances, motors and heating & cooling equipment.
- ❖ Show sign circuit required by 600.5, 2017 NEC
- ❖ Submit a load calculation for the service size. (unless waived by Campbell County Building Division)
- ❖ Electrical plans for all commercial buildings and additions with a service size greater than 400 amps shall be signed and sealed by a professional Electrical Engineer licensed in the State of Wyoming.
- ❖ For a single-phase service of 400 amps or less, a Master Electrician employed by the licensed Electrical Contractor can provide a one line drawing.