

**Electrical inspections: Not all of these may apply to your project.**

1. **Temporary Poles:** Inspecting grounding system, installation of ground fault protection, location, and general installation.
2. **Slab:** Prior to slab pouring. Inspection of conduit type, installation of conduit, condition of conduit, and depth of conduit. Verify if wire type concrete encased electrode is installed.
3. **Rough-In:** Installation of all electrical to include splicing of grounds, wire type, conduit type, box fill, splicing, etc., that will be covered by wall/ ceiling finish.
4. **Low voltage:** The type of cable, supporting/securing, ect.
5. **Service:** Inspection of rating, service capacity and voltage, available fault current, wire sizing, types of wire, grounding electrode system, fastening of equipment, working clearances, etc.
6. **Final:** Testing of operation of all devices, device polarity, installation, energy codes as applicable, outdoor lighting ordinances as applicable, life safety aspects, etc. (Should shorts be identified during the inspection, inspection will stop until corrected, and contractor must call for re-inspection.)
7. **Service Change:** Inspection of service risers, point of attachment and service bonding, and grounding on existing structures. See service inspections above.
8. **Alternative Energy:** Solar photovoltaic, small wind electrical and other approved systems.
9. **Swimming pools:** Inspection will include clearances of other electrical systems, bonding of pool shell perimeter bond/potting compound, and pool related underground conduits, ground fault protection, etc.
10. **Additional electrical inspections:** In addition to the previously mentioned inspections, the Building Official may make or require other inspections of any construction work to ascertain compliance with the provisions of the Las Cruces Building Code and other laws which are enforced by the City.