



City of Fountain Electrical Development Guidelines

1. Developers must submit an *electronic copy and hard copy* of the plot plan to the Utilities Department.
The electronic copy MUST be in NAD 1983 Stateplane Colorado Central FIPS (feet).
2. **Easements:**
 - All easements must be usable to the point of service, of sufficient width for equipment access, within 4” of final grade, no more than 5 degree slope, property pins in place and properly labeled, electric must be installed prior to gas, telephone and cable as we are the deepest of these utilities. All apparatus must be accessible for maintenance (transformers, cabinets, poles etc.)
 - When easements can not be made usable, let the Utilities Department know prior to electric service being designed.
 - When planning the utility easement for your project please do not include it as part of the drainage easement.
 - Exposing energized power lines for foundation overdigs can no longer be tolerated. When side lot easements are occupied with power lines, typically for street crossings, the Utilities Department **must be notified** of an excavation planning to expose cable. If these cables cannot be de-energized, the excavator or builder must use shoring in order to leave cables safely intact & covered. The developer or builder may get copies of the power design (showing the occupied easements) from the City of Fountain Planning Department or the Utilities Department.
 - When front lot installation is necessary, please plat an additional front easement to total 15’. The developer will be responsible for acquisition of easements outside of developing areas that may be needed for system upgrades in order to serve the project. **Don’t allow contractors to block easements with equipment, dirt, debris, etc.**
 - Exclusive side lot easements. Any side lot used by the Electric Construction (distribution & street lighting) will necessitate that easement be platted and filed by the developer as an Exclusive Electric Easement. This will be worded with our electric design and will highlight all such side lot easements for the developer.
 - Permanent structures cannot be built in utility easement.
3. **Electric Distribution System:**
 - City of Fountain Utilities Department will install the Electric Distribution System at the requesting party’s expense.
 - For Underground Electric systems, the Utilities Department does not provide ditch compaction. If requested, the Utilities Department will provide ditch compaction using a flowable fill mix meeting the Colorado Department of Transportation specifications. The Requesting Party will pay all costs associated with ditch compaction.
 - At the discretion of the Utilities Department, the requesting party maybe required to furnish all necessary trenches, excavations, backfill and compaction. In these cases, the Utilities Department will specify the backfill to cover all conduits. If the excavated material contains rock or other debris and will not be satisfactory for backfill, the requesting party will be required to supply proper backfill material and provide compaction if necessary.
 - Full payment is required prior to establishing a firm construction schedule date for the installation of the Electric Distribution system.
4. **House Services:** City of Fountain Utilities Department will install our house service *after* the foundation is backfilled and *before* the driveway is poured. The Developer will mark an “E” on the foundation at the proposed service entrance prior to our installation of service. Developers electrician installs conductor in meter can but not terminate. Once positive notification from Regional Building Department of passed inspection is received we will terminate the conductor and set the meter.
5. **Projected loads and voltages:** Developer must submit load and voltage requirements for the project so that an impact can be calculated on existing facilities. Fees will be calculated on the impact study to determine possible line extensions, power line upgrades to accommodate new load and percentage of the existing substation that will be used.



6. **Street Crossings:** When pre-installing street crossings pay close attention to detail, get conduits within 2' of both front property pins, separate phone and cable crossings from the electric conduit by at least 4'. Labor cost s will be added if City Electric has to use pre-installed street crossings.
7. Notify the electric department as soon as possible after water service has been installed. We will need access to property with pins in place. ***Do not let builders in before power installation has been completed.***
8. Do not allow contractors or operators to cover or damage meter sockets. In the event a meter socket is covered or damaged the builder will be charged the cost of uncovering the socket and repairs or replacement that must be done. ***Keep in mind this will delay our installation schedule for your project.***
9. Electric service connections will be limited to electric energy supply.
10. **Any alterations** to existing electric facilities will be at the Developer/Builder/Owner's expense.
11. Building construction shall not violate clearances as stated in the current edition of the National Electric Safety Code.



As set forth in City Ordinance 13.16.070 Liability and Indemnification:

“A. All lines, wires, apparatus, instruments, meters, transformers, and material supplied by the City at its expense or under its standard policies shall not be worked upon or interfered with by any customer or other unauthorized person(s). The customer shall be responsible for any damage to or loss of the City’s property by the customer or others. The cost of making good such loss and/or repairing such damage shall be paid by the customer.

B. The customer shall be held responsible for injury to the City’s employees if caused by the customer’s acts, omissions or negligence. The customer shall be responsible and will indemnify and hold the City harmless for any injury to person or damage to property occasioned or caused by the acts, omissions or negligence of the customer or any of his agents, employees, or licensees, in installing, maintaining, operating, or using any of the customer’s lines, wires, equipment, machinery, or apparatus, and for injury and damage caused by defects in the same.

C. The City shall not be held liable for injury to persons or damage to property caused by its lines or equipment when contracted or interfered with through digging or the installation of objects in the ground or by ladders, pipes, guy wires, ropes, aerial wires, attachments, trees, structures, airplanes or other objects not the property of the City which cross over, through, or in close proximity to the City’s lines and equipment. The City should be given adequate written notice before any digging takes place near the City’s lines or equipment, before trees overhanging or in close proximity to the City’s lines or equipment are trimmed or removed or when stacks, guys, radio or television aerials, wires, ropes, drain pipes, structures, or other objects are installed or removed near the City’s lines or equipment, but the City assumes no liability whatsoever because of such notice.

D. The City shall not be held liable for either authorized or unauthorized use of City equipment, including station equipment. The user of such equipment will indemnify and hold harmless the City from all liability resulting from the use thereof.

E. Customer shall hold the City harmless and indemnify it against all claims and liability for injury to persons or damage to property when such damage or injury results from or is occasioned by the facilities located on the customer’s side of the point of delivery unless by the negligence or wrongful acts of the City’s agents or employees.

The developer, or builder where appropriate, will be deemed to be the “customer” for the purpose of this Rule until all normal construction responsibilities in the development and on the site are complete (Ord. 682 §2, 1982)”

Please note that overdigging of foundations **will not** be permitted and the highest safety standards in accordance with OSHA will be adhered to. In instances where extreme conditions exist and overdigging is necessary the City of Fountain Utilities Department must approve before any excavation operations will be permitted.

By signing this document you hereby state that you have read, understand, and will abide by the above ordinance.

Developer/Builder

Company Name

Date

Project Name