



*City of La Grange
155 E Colorado St.
La Grange TX 78945*

2014

Meter Loop Specifications

City of La Grange will provide the correct meter socket for any permanent meter loop. We will not provide the sockets for temporary meter loops.

Overhead meter service

Meter socket must be between 4 and 6 feet above natural ground

Meter loop weather head must be connected to 2 inch rigid galvanized pipe riser and no other material is accepted.

Meter socket must be bonded to exterior main disconnect by a minimum of a #6 copper wire.

Meter loop must also contain an exterior main disconnect in an exterior rated panel.

Panel must be sized properly to the calculated load.

Panel must be properly grounded, ground conductor protected in either PVC conduit or bonded EMT.

Metallic buildings must be bonded into the ground system as well as metallic water piping.

Riser must be clamped every 4 feet.

No ground wire to weather head.

If weather head/riser penetrates roof, it must do so by a minimum of 18 inches. A maximum of 36 inches before a support anchor/guy must be also attached.

Drip loop/lowest part of line must clear 10 feet if over residential sidewalks/yards.

Drip loop/lowest part of line must clear 12 feet if over residential driveways.

Drip loop/lowest part of line must clear 15 feet if over 300 Volts.

Drip loop/lowest part of line must clear 18 feet if over public streets.

Drip loop/lowest part of line must clear 23 feet if over Highway 77,71 or 159.

Meter poles for height clearance of up to 18 feet must be a minimum of a 30 foot pole.

Meter poles for a height clearance of up to 23 feet must be a minimum of a 35 foot pole.

You may, of course, use taller poles if you desire.

Underground meter service

Meter socket must be located on left side, exterior panel must be located only to the right of the meter socket.(as you look at the service on the wall)

Still requires exterior rated panel with main disconnect on the exterior.

Line and load wires cannot cross in the meter socket.

All other applicable parts in reference to grounding, wire sizing, main sizing etc..... still apply.

Any underground pipe for a 125 amp or greater service must be 3 inch pipe.

General

All residences must have an exterior main disconnect on the exterior of the house with a meter, in exterior rated panels.

All disconnected exterior buildings must have an exterior main disconnect, in an exterior rated panel. Only mobile homes on property or in parks are allowed to be connected to a pedestal or uni-strut rack mount. Uni-strut must be supported by 2 inch galvanized pipe, concreted a minimum of 36 inches into natural ground.

All wiring leaving the initial main disconnect must be 4 wire.

No meter loops may be connected to any La Grange utilities property.

Minimum service size is 125 amps.

Location of ANY service must be confirmed by electrical department representative before installation. If the meter is required to be CT metered due to consumption please contact the electrical department for further instructions, contact information listed below.

All services/wiring must be permitted, inspected and paid for before any connection to power will be done by the electrical department. All electrical work is required to be performed by a state of Texas licensed master electrician unless the homeowner applies to do the work ONLY on their homesteaded house, and proves capable of correctly and safely performing the work in the opinion of the City.

Minimum wire sizes

125 amp	#2 copper
150 amp	#1 copper
200 amp	#2/0 copper

No aluminum wire is allowed in the City of La Grange per the electrical department of the City.

Contact the City Electrical Department at 979-968-3638 for location approvals and any questions on wiring from our lines to the overhead weather head or from our lines to the underground connection provided by your licensed master electrician.

Contact the Building Inspector at 979-968-5805 for any questions on wiring and code from the overhead weather head or the pole connection to the underground run, and onward to final terminations.

Contact the City Utilities at 979-968-3127 for any questions on fees for line extensions, connection fees, and deposit or billing questions.

City Utility Manager office for any further information at 979-968-3127