

UNDERGROUND INSTALLATION

Central Florida Electric Cooperative requires the consumer to provide recorded easements for all electrical facilities to be installed on the consumer's property.

The consumer will notify Central Florida Electric Cooperative when fill or cut is within 6" of final grade within the easement and lot corners are marked. Central Florida Electric Cooperative personnel will stake trench, transformer and junction box locations.

The consumer shall compact and level an area 2" below final grade sufficient for the transformer pads. A clear space of 8 feet at the front and 4 feet on the sides and rear of the transformer pad shall be provided by the developer for a safe working area. All conduits will be terminated and capped 1" above final grade at the appropriate location.

Consult CFEC Engineering Department for 3-phase transformer installation requirements.

All underground conductors shall be installed in approved 3", schedule 40, gray electrical conduit.

New primary conduit will be installed at a minimum depth of 48" below final grade. Galvanized steel sweeps with a minimum 36" radius will be required at each terminal point, i.e., transformer pad, riser pole, junction box.

All conduit runs will include a nylon pulling string strong enough to pull a ½" rope through the entire run. Ensure string is not bound by PVC cement, etc. Each conduit will be capped at the terminal point.

Secondary conduit will be installed at a minimum of 30" below final grade. Sweeps with a minimum of 18" radius PVC will be required.

Services, from the transformer or junction box to the residence, will be installed at a minimum of 30" below final grade (See Figure below). Conduits for future services must be installed at the time the transformer is installed. These conduits must be flush with the top of the transformer pad and capped. The conduits must extend 10 feet beyond the transformer pad, contain a pull string, be capped, and permanently marked for future excavation to connect the service conduit when needed.

Meter Enclosures are provided by the consumer and must be listed on the CFEC Approved Metering Equipment Enclosure List. This list can be found on the CFEC website at www.cfec.com or copies can be obtained at the main office.

The instructions shown in this document are subject to the policies in effect at the date of printing and will be revised, amended or supplemented as the policies change. All fees collected will reflect the policies in effect at the time of collection.

