MARYVILLE ELECTRIC DEPARTMENT

SPECIFICATIONS FOR
RESIDENTIAL UNDERGROUND SERVICES

1. The customer shall install the meter pan at a height of 5'-6" from final grade to the center of the pan with 2½" utility grade, sunlight resistant (gray) PVC from the meter pan to within five feet of the pad mount transformer or pedestal **OR** turned up against the pole. The supply point shall be identified by M.E.D. (call 273-3324). Schedule 80 conduit shall be used above grade and schedule 40 below grade. **NOTE:** Services larger than 225 Amps require **3"** PVC.

2. Turns in the conduit run should be made, where possible, by a long sweep utilizing the flexibility of the conduit. A minimum 18" radius sweep 90º elbow shall be used at the building. Any other elbows, if required, shall be a minimum of 36" radius. The total of all turns and elbows shall not exceed 270º. Heating of the conduit for bending is not permitted.

3. Any service greater than 75 feet of ditch length shall have a pull string provided.

4. The end of the conduit near the supply point shall be sealed with tape and at least five feet of the conduit shall be left uncovered. If the conduit is not left exposed, the service will not be run.

5. The ditch shall be a minimum 24" and maximum 36" deep from final grade and in accordance with the National Electric Code. The ditch with conduit in place shall be inspected prior to backfill. Within the City of Maryville, call 273-3517 to schedule inspection. Outside the City of Maryville, call 983-5493 to schedule inspection.

6. Temporary services shall be supplied by the customer in accordance with M.E.D. specifications and must pass inspection prior to connection by M.E.D.

7. Upon notification of approved final inspection and payment of all fees and charges, M.E.D. will install the service wire and make connections at no charge (provided no other extension of M.E.D.'s distribution system is required) for services up to 200 feet of ditch length. The customer shall pay $2.00 per foot of ditch over 200 feet.

Effective 1/1/2000