

MAYFIELD ELECTRIC & WATER SYSTEMS

THREE – PHASE UNDERGROUND SERVICE POLICY

The customer shall submit to MEWS a written plan for request for underground service along with a complete plat of the development.

All locations of anticipated construction and proposed utilities shall be clearly marked on plat.

In addition, all electric service sizes, secondary voltages and estimated loading must be provided.

Sub-Divisions, Multi Unit dwellings, Mini Malls, Multi Office Buildings or any other Development requiring more than one Service entrance point shall be reviewed individually.

Customer Requirements:

The customer shall be required to install ALL underground secondary services.

Secondary must be installed with enough length to insure that excess splicing shall not be necessary.

Secondary installation must meet all National Electrical code requirements.

The customer shall submit a copy of electrical inspection certificate of compliance prior to energizing service.

The customer shall be required to furnish meter cabinets on all 600amp and higher services. All 400amp and smaller services shall be standard bases load rated as to the service size and shall also be furnished by the customer.

The customer may in some cases be required to install secondary pedestals, hand-holes or other special equipment.

When attaching conduit to MEWS pole customer shall use adjustable standoff brackets and terminate conduit two foot below transformer or at a position determined by MEWS.

All conduits attached to MEWS poles shall be GALVANIZED RIGID STEEL.

Primary Conduit:

The customer shall be required to install all primary conduits.

The conduit shall be three (3) 3 inch conduits unless otherwise stated by MEWS.

Conduit shall be terminated at a position on the pole or hand-hole as determined by MEWS.

All conduits attached to MEWS poles shall be GALVANIZED RIGID STEEL.

When installing primary conduit parallel to water, sewer, cable TV or gas there must be a minimum of three foot separation.

No other utilities may be directly above the primary conduit.

When crossing the lines of other utilities the primary conduit must be one foot below the other utilities or one foot above if encased in concrete.

Primary conduit must maintain a 42 inch depth. This depth shall be maintained after finished grade including drainage ditches.

A pulling cable or string shall be provided in place for use in pulling the cable through the conduit. This cable should be rated at least 95lb.

The customer may on longer pulls be required to add pull boxes or hand-holes in the conduit run.

Concrete Transformer Pad:

The customer shall install a concrete pad.

The pad shall be six inches thick and be large enough to leave a minimum of 10 inches in front and 3 inches on the sides and back of the Transformer or transeclosure.

Ground to be provided by and installed by the customer.

The ground rod is to be 8 feet long.

Ground shall be installed in accordance with the National Electrical Code.

More than one ground may be required.

A spec sheet will be provided by MEWS with all dimensions for the pad.

The National Electrical Code and the National Electric Safety Code Minimum Requirements for Transformer Placements shall be followed.

Mayfield Electric & Water Systems will on occasion furnish and maintain a PADMOUNT transformer. In this event the customer will not be required to furnish and install a transenclosure.

Primary Cable:

MEWS will install and terminate all primary cable and maintain all primary connections and transformers.

Underground Fees:

On all 3 PHASE installations there will be a fee of \$6.00 per foot (with a 100ft minimum) of PRIMARY cable installed.

This measurement shall be measured from the base of the pole along the ditch to the transformer pad.

The customer will only be charged for “one run” (Example 120ft from pole to pad as measured along ditch $120 \times \$6.00 = \720.00)

This fee does not apply to SINGLE phase installations.

Mayfield Electric & Water Systems reserves the right to spot the location of all meter bases transformer pads, services, risers, hand-hole and pole locations.

All drawings, plats or requests for underground service or questions are to be submitted to Mayfield Electric & Water Systems at 301 East Broadway, Mayfield, Kentucky, 42066. ATTN: Mike Hodges, Electrical Operations
GPS GIS Manager