

# Underground Service to HUD Home

MLEC will furnish and install:

1. 3" schedule 80 PVC & all related hardware attached to service pole
2. Service conductor from transformer to meter base (Maximum 150 ft from pole base to meter base)

Items 1 through 15, below, shall be furnished and installed by member

1. 1/4" braided nylon rope inside raceway/conduit
2. 90° elbow, 3" dia. PVC (schedule 40), minimum 24" elbow radius
3. 3" dia. PVC (schedule 40)—schedule 80 PVC to be used under roads or driveways
4. 1" dia. PVC conduit with a Nylon pulling poly line for MLEC's Smart Grid applications. Conduit shall be left 18" above grade on each end.
5. Conduit to be buried minimum 24" below final grade

6. Member to backfill ditch after inspection by MLEC -- 24 hour notice is required

7. Stone or Creek gravel 6" below each elbow

8. 6 holes, 1/4" dia. located along bottom of each 3" dia. elbow

HUD Labeled Mobile Home

MLEC's Entrance

Member's conduit or disconnect must be located on the right half of the meter base.

9. Meter base mounted 5'6" above grade.

10. Meter base shall be securely fastened to frame on corner of mobile home. Minimum of 2 conduit clamps below meter base, spaced evenly. Attachment location on corner of home closest to service pole.

11. External disconnect box. Shall be mounted on the right side of the meter and such that the underground conduit can enter directly into bottom of meter base.

12. Expansion Fitting must be installed between meter base and ground (final grade)

13. 3" dia. schedule 80 PVC or equivalent

14. Unspliced ground wire to meter base.

15. Grounding shall comply with current National Electrical Code.

**Note:** 90° turns at pole and entrance only. Any other turns must be gradual sweeps.