



Notes:

Member Will: Furnish and install sealable rain tight trough meters bases, and all required service entrance material. All bases and devices shall be bonded. Member shall identify meter base to service.

- (A)- Main disconnect
- (B)- Riser conduit- minimum 3" schedule 80 PVC or 3" rigid steel conduit
- (C)- Pipe clamps- 4' intervals minimum
- (D)- Steel conduit bond both ends (between trough and meter base)
- (E)- Meter base (identify no. of apartments or buildings on base)
- (F)- House meter base requires manual bypass.
- (G)- All meter bases and deices shall be bonded with a conductor of recommended non metallic conduit; or metallic conduit with both ends bonded to ground: No. 6 copper ground wire continuous from meter bases to ground rod. (NEC 250-92-B)
- (H)- Approved grounding electrode: 5/8' x 8' copper weld ground rod
- (I)- To underground transformer or pedestal: (See drawings GS3.1, GS3.2 or GS3.3 for details)

Disclaimer: This document is intended as a guideline for underground meter loop construction. Actual construction of meter service shall comply with the latest version of the National Electrical Code, the National Electrical Safety Code and any Federal, State, County or Municipal Codes, which ever is more stringent. Contact the Authority Having Jurisdiction (NEC 80.13) or its designated representative for specific details.

Guide for Group Metering Underground Service (Over 6 Meters)		
2021	WFECA	GS11.0