



Weather Head

Minimum attachment height 12' 0" above grade

Reduce neutral approved according to NEC  
All conductor must have approved insulation

Minimum 18" leads at service head  
Identify neutral conductor by removing 2" of insulation

Minimum of two (2) straps to hold conduit

2" Conduit Minimum

Conductor Size:  
100 A Service - #4 AWG Copper or #2 AWG Aluminum  
150 A Service - #1 AWG Copper or #2/0 AWG Aluminum  
200 A Service - #2-0 AWG Copper or #4/0 AWG Aluminum

2" replaceable hub

Install meter base so that meter face is between 4' 6" and 5' 6" to final grade.

54" to 66"

Main disconnect panel installed inside or outside of house

Secure ground conductor every two (2) feet

Final Grade

6"

Ground conductor connected to 5/8" copper coated or 5/8" galvanized steel ground rod of 8 ft. minimum length with approved ground rod clamp. Top of ground rod shall be a minimum 6" below grade.

Guide for Service Mast and Meter Base (Wall)		
2017	WFECA	GS2.0

**Disclaimer:** This document is intended as a guideline for overhead 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.