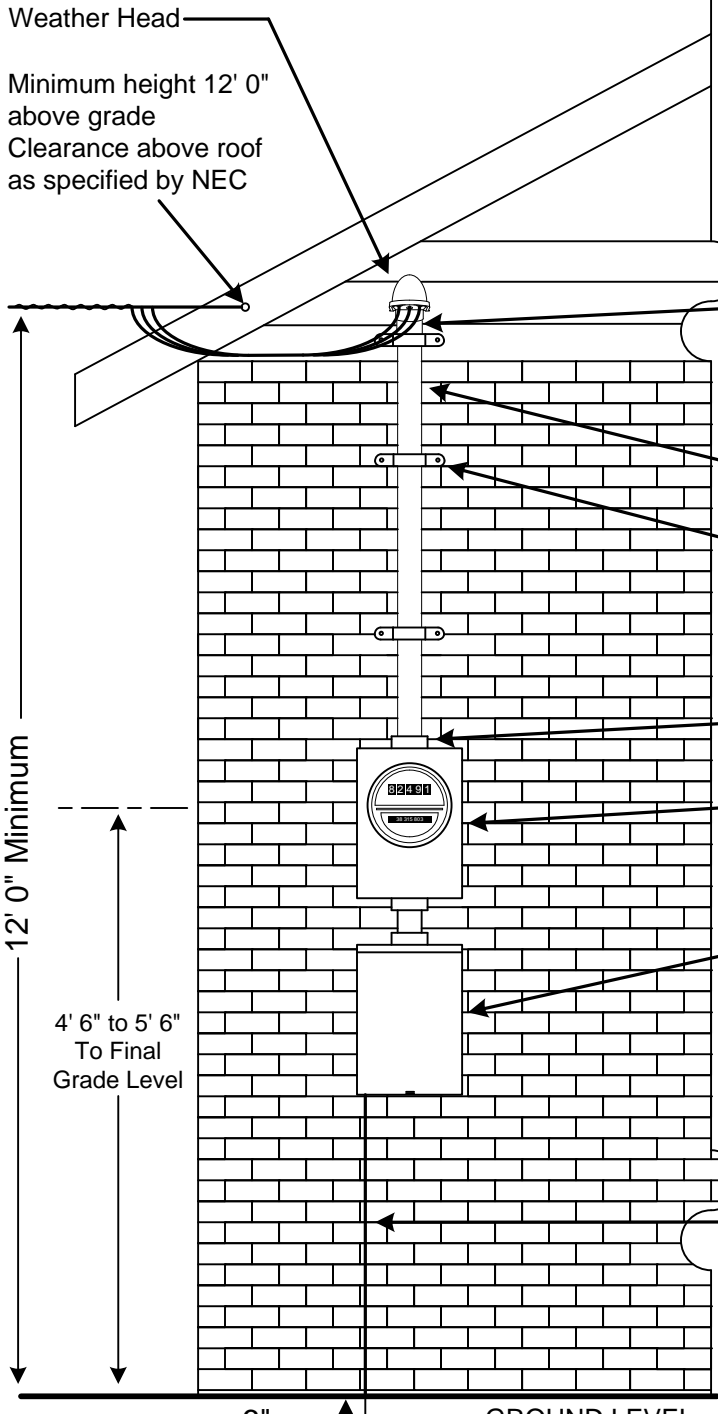


**Wire Size:**

- 100 Amp Service - #4 AWG Copper
- #2 AWG Aluminum
- 150 Amp Service - #1 AWG Copper
- #2/0 AWG Aluminum
- 200 Amp Service - #2/0 AWG Copper
- #4/0 AWG Aluminum



Minimum 18" Leads at Service Head  
Identify Neutral by Removing 2" of Insulation

Note:  
Reduce neutral approved according to NEC  
All wire must have approved insulation

2" Conduit minimum

Minimum of two (2) straps to hold conduit

2" replaceable hub

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

Main disconnect panel  
Installed inside or outside of house

Secure ground conductor every two (2) feet

Minimum 6" below grade  
Use approved ground rod clamp

Ground conductor connected to 5/8" copper  
coated or 5/8" galvanized steel ground rod  
8' minimum length

12' 0" Minimum

4' 6" to 5' 6"  
To Final  
Grade Level

6"

GROUND LEVEL

8'

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.

Guide for Service Mask and Meter Base (Wall)

2013

WFECA

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