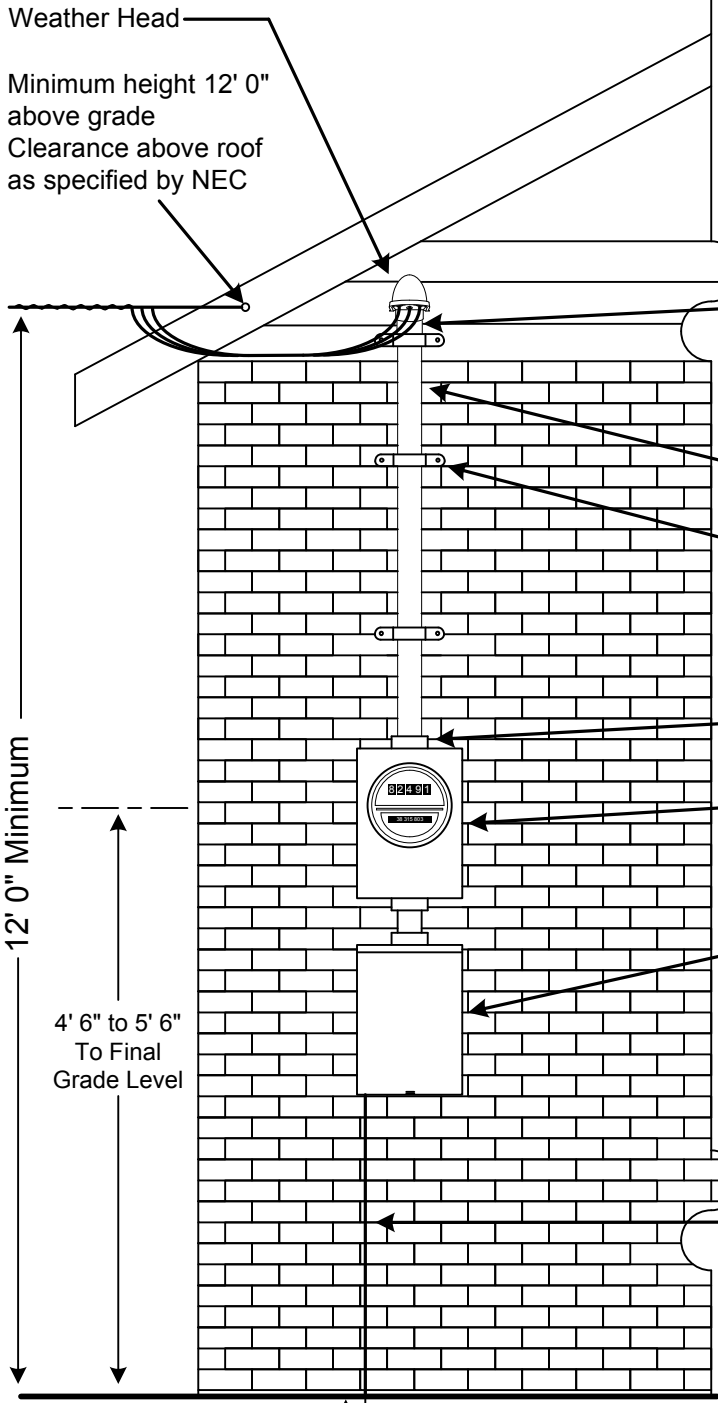


Wire Size:

- 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 dials
are 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 1/2" 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)

2005

WFECA

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