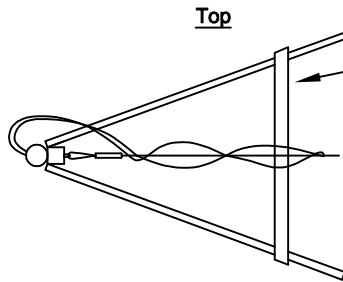


# Temporary Overhead Service (Meter Pole)



**Note:**  
A-Frame brace needs to face towards the existing transformer pole

**Side**

Weatherhead (sized for service)  
Conduit strap, max 6" from weatherhead

Service Entrance Conductor leads extend a min. of 18"  
Min. size #4 THW (copper) for 100A  
Min. size #2/0 THW (copper) for 200A  
Min. size #350 THW (copper) for 320A  
For services in excess of 320A contact Farmers EC

Conduit Service Riser (non load bearing)  
Types EMT, IMC and RMC are permitted  
Min. size 1-1/4" for 100A  
Min. size 2" for 200A  
Min. size 3" for 320A

Conduit Straps - sized to fit conduit required  
Max 36" spacing

Center of Meter Base shall be between 5' to 6'  
above finished grade

Conduit Nipple. Type RMC and IMC permitted  
(locknuts and bushings shall be used)  
Min. 1-1/4" x 3" for 100A  
Min. 2" x 3" for 200A  
Min. 3" x 3" for 320A

Service Disconnect Panel (Sized to Amperage  
required) (See NEC 230-71 Maximum Number  
of Disconnects)  
"six switch rule"

Grounding Conductor (connects ground rod to  
service disconnect panel). May attach to meter  
base then to panel. #6 bare copper

Grounding Connector  
Must be suitable for direct burial or  
exothermic weld

Grounding Rod - Min. 5/8" (diameter) x 8' (length)  
copperweld or galvanized.  
The electrode must be installed such that  
at least 8 ft of length is in contact with soil

6" Min

12' Min

4' Min.

Round pole or Square board  
Round pole Min. size 5" diameter  
Square board Min. size 4"x4"

BRACES  
2" X 4" MIN.

CROSS BRACE  
2" x 4" MIN.

STAKES  
2" X 4" MIN

**Notes:**

1. All 125V, single-phase service outlets (receptacles) installed outdoors shall have ground-fault-circuit-interrupter protection for personnel.
2. Governing bodies such as counties, municipalities, etc. with legal jurisdiction; may enforce additional rules and regulations
3. Where local inspection authority is not involved, meter installations should be wired in accordance with the National Electrical Code or NEC Specifications when the NEC Specifications exceed those of the National Electric Code.