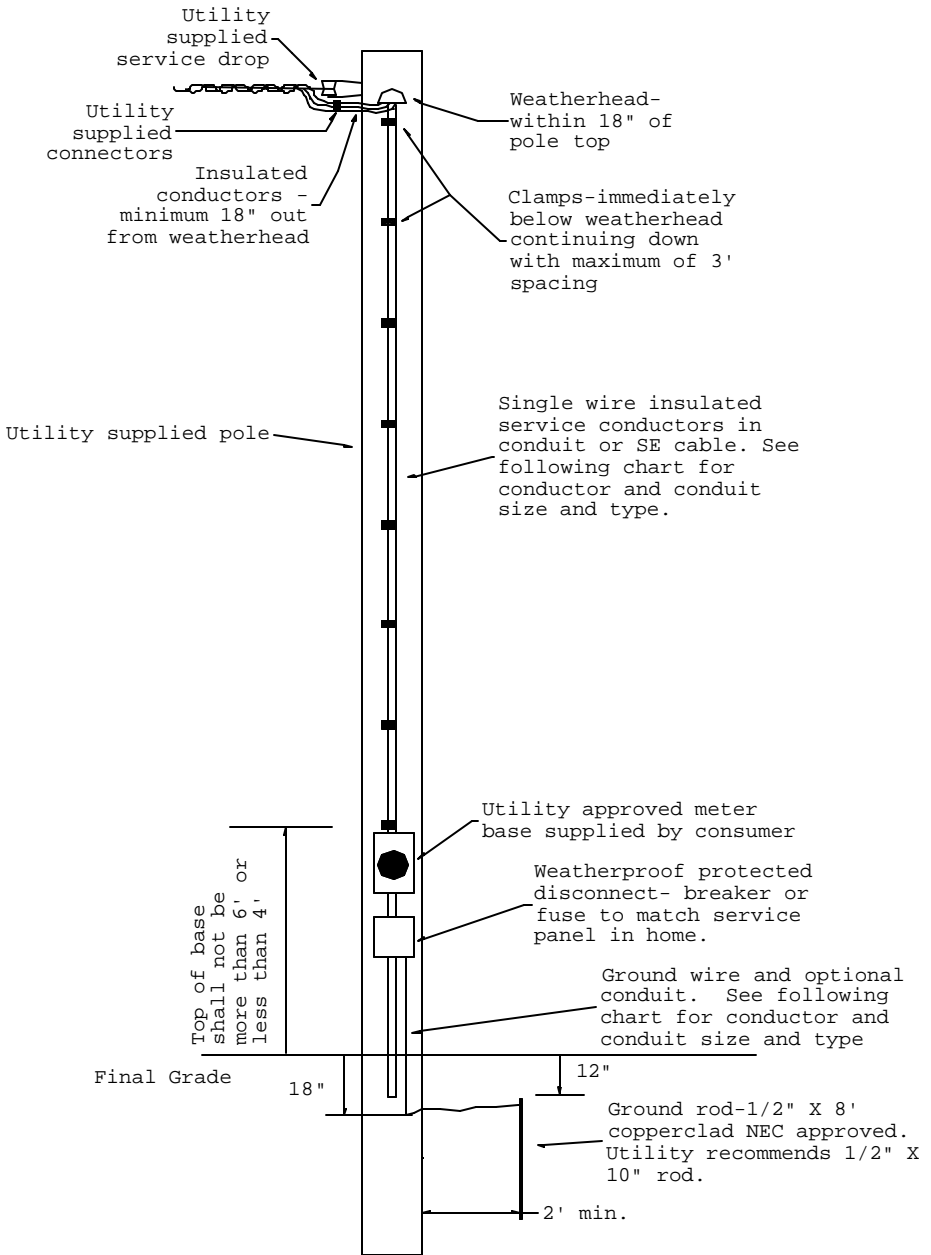


# METER POLE SERVICE INSTALLATION



## RESIDENTIAL OVERHEAD SERVICE REQUIREMENTS

Service	Min. Riser Diameter		Entrance Cable Min. Size		Ground Wire Min. Size	Rigid or PVC Ground Wire Riser Min. Size
	Load Bearing	Non-Load Bearing				
Loop Size	Rigid Steel	Rigid Steel or 80 PVC	CU.	AL	CU	
100 A	2"	2"	#4	#2	#6	½"
200 A	2"	2"	2/0	4/0	#4	½"
400 A	3"	3"	350 MCM	500 MCM	#2	½"
600 A	4"	4"	700 MCM	1250 MCM	2/0	1"

• **Notes**

1. Aluminum not allowed by all local building authorities.
2. All metal conduits must have bushings at each end.
3. Conduit and ground rod to extend below ground level as noted on drawing.
4. Utility with jurisdiction supplied material.
  - a. Meter
  - b. Service wire installed by REMC from transformer pole to the entrance wire stub out at weatherhead.

### METER POLE INSTALLATION NOTES

1. All mobile home frames must be grounded. Each mobile home must have the following continuous leads from the disconnect to the inside panel:
  - a. two line sides
  - b. one neutral
  - c. Case ground to bond inside of the disconnect.
2. Any outlets on pole must be of the outdoor type equipped with ground fault interrupter.
3. Any overhead branch circuit must be attached a minimum of 18 inches below source weatherhead.
4. Ground wire installed in metal conduit, must be bonded at both ends to grounding conductor. Service may be grounded at panel or meter base but not both. Install ground rod and attach ground wire to rod with a one-bolt ground rod clamp (water pipe clamps not acceptable). *Reference local requirements for ground rod installation.*