

SERVICE TO MOBILE HOMES

Due to the temporary nature of mobile homes, it is necessary for the Association to make a construction charge of \$50.00 for this type service. This charge is not refundable.

The following requirements must be met before service is connected to a mobile home:

1. The meter pole shall be placed within 18 inches to mobile home unless the following underground installation is used:

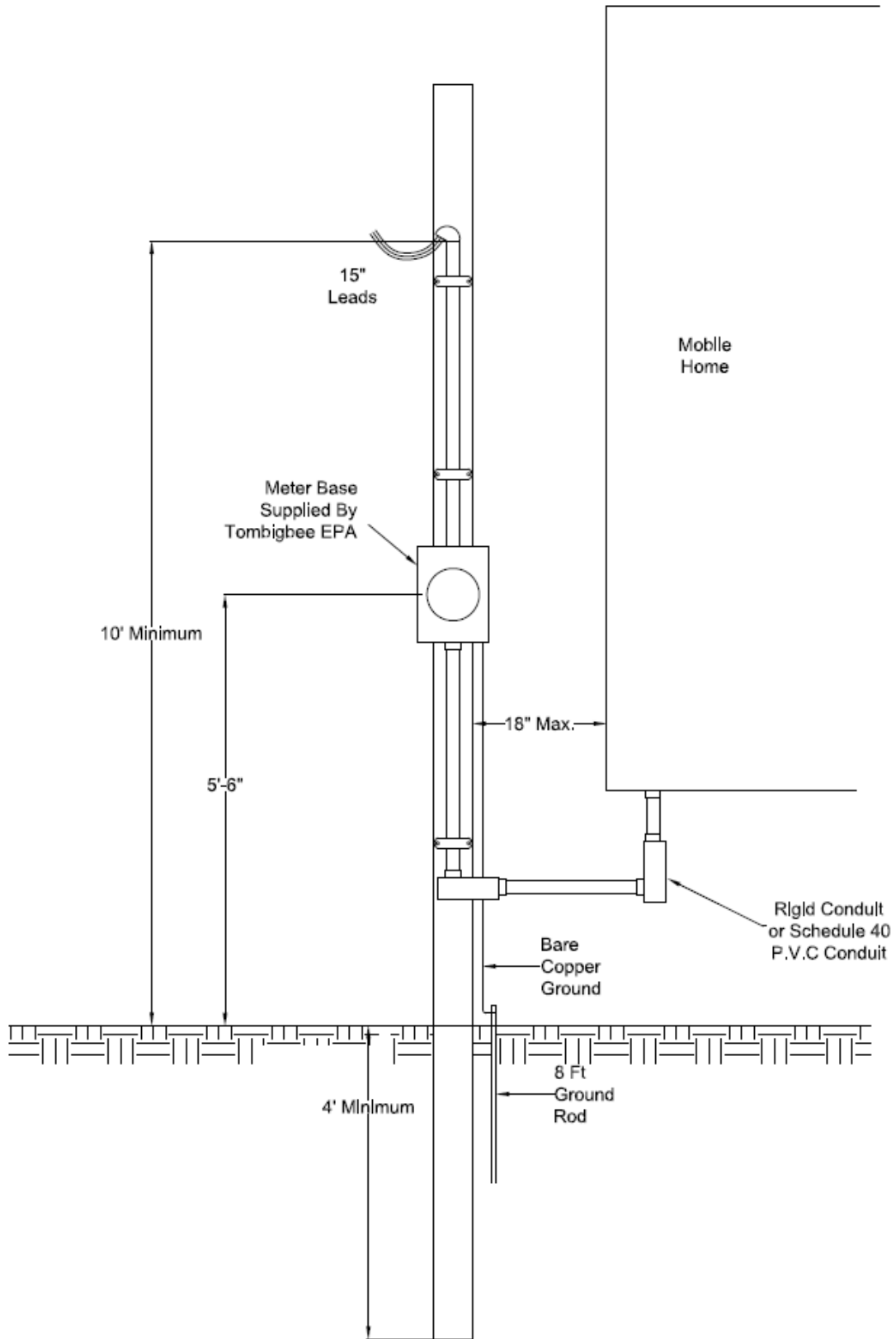
All four conductors extending from the meter base to the inside fuse panel shall be placed in rigid metallic conduit (or schedule 40 P.V.C. electrical conduit) with the conduit being placed not less than twenty-four (24) inches below the surface, or direct-burial conductors may be used if they are placed twenty-four (24) inches below the surface and protected by rigid conduit (or schedule 40 P.V.C. electrical conduit) at the point of entry and exit to and from the ground.

2. It is required that the grounded conductor (neutral) and the grounding conductor be kept separate within the mobile home in order to secure the maximum protection against electric shock hazard.
3. The chassis and framework of the mobile home shall be property grounded, which can be done by a 4-wire cable, running a fourth wire from meter base or disconnect switch to panel inside mobile home, or running a ground wire from ground rod to chassis of mobile home.
4. Wood pole shall be treated for ground installation and a minimum of 6 inches in diameter at ground line. Minimum length shall be 16 feet with 4 feet in ground and 12 feet above ground.
5. Meter shall not be more than six (6) feet or less than five (5) feet measuring from center of meter socket to the ground.
6. Weatherhead shall have a minimum clearance of 10 feet from bottom of weatherhead to the ground and conductors shall extend 15 inches past weatherhead.
7. There shall be a means of disconnect between meter base and mobile home unless permanently wired with rigid conduit (or schedule 40 P.V.C. electrical conduit). See Sketch #5.
8. Main disconnects and overcurrent protection shall be provided on meter pole if not provided in mobile home main panel.
9. Flexible conduit may be used from meter base to mobile home, but requires a disconnect switch beneath the meter base. See Sketch #6
10. See Table 2 for conductor sizes.

Table 2.
For Permanent Wired Mobile Homes
(copper conductors or equivalent capacity if aluminum)

Service Rating	Conductor Size		Neutral		Bare Copper Ground	Grounding Conductor (Green)
	Copper	Aluminum	Copper	Aluminum		
100 amp	#3	#2	#3	#2	#6	#6
150 amp	1/0	2/0	#3	#2	#6	#6
200 amp	2/0	4/0	#2	1/0	#4	#4

Mobile Home Sketch #5



Mobile Home Sketch #6

