



NOTES:

- 1- If length of Conduit exceeds 10', coupling will be permitted on end adjacent to Meter.
- 2- A Reducer may be required depending upon size of Conduit and Meter Socket.
- 3- Minimum of 10ft. clearance shall be maintained between bottom of "Drip Loop" and final grade.
- 4- If height of attachment is greater than 3ft. above the roof, the mast must be guyed.
- 5- If distance from service mast to edge of roof (drop line) is less than 48", clearance may be reduced to 18 inches. Clearances shall comply with N.E.C. Article 230.

TENNESSEE VALLEY PUBLIC POWER ASSOCIATION	ASSEMBLY GUIDE OF SERVICE MAST INSTALLATION (150 VOLTS TO GROUND)	DATE: 09-13-91
		STANDARD NUMBER M24-11A

A. GENERAL NOTES

- 1 - Overhead service drop and meter provided and installed by company.
- 2 - Meter socket provided and installed by customer.
- 3 - Clearances must be provided as shown below.
- 4 - Meter socket should be "readily accessible" and allow workspace as illustrated below.

B. MOUNTING OF METER SOCKET

- 1 - Unit shall be surface mounted, with center of unit between 4'-0" and 6'-0" above final grade, in a level and plumb position.
- 2 - Unit shall be fastened to building securely using lead anchors (for brick and concrete), toggle bolts (for wood siding) or wood screws (for 2"x4" studs, log walls, or other solid lumber). All screws or bolts shall be 1/4" diameter (min.) stainless steel. A minimum of four fasteners shall be used to mount socket.

C. SERVICE DROP ATTACHMENT

- 1 - Device for attaching service drop to building shall be furnished by company and installed securely by customer at minimum vertical clearance as shown below.
- 2 - If minimum vertical clearance cannot be maintained with the installation of an attachment bolt as shown below, the customer shall install a steel service mast.
- 3 - Connections between service drop and service entrance conductors shall be made (by company personnel) below weatherboard, forming a drip loop.

