


**NOTES:**

1. CONSULT SUSSEX REC FOR TRENCH TERMINATION POINT AND LENGTH OF ADDITIONAL CABLE TO BE PROVIDED FOR FINAL CONNECTION BY COMPANY.
2. THE PREFERRED METER SOCKET MOUNTING IS ON THE TRANSFORMER CABINET. IF THIS IS NOT FEASIBLE, APPROVAL SHALL BE OBTAINED FROM SUSSEX REC TO USE A STAND ALONE METER INSTALLATION AS DESCRIBED ON THIS PAGE.
3. ALL DIMENSIONS NOT DEFINED ARE VARIABLE TO ACCOMMODATE METERING APPARATUS.
4. SUPPORT POST - USE ANY OF THE FOLLOWING:
  - 2 - 3" MIN. STEEL PIPE CAPPED AND CEMENTED IN GROUND
  - 2 - 3" MIN. PVC SCHEDULE 80 CEMENT FILLED AND CEMENTED IN GROUND
  - 2 - 3" MIN. CHANNEL IRON CEMENTED IN GROUND
5. MOUNTING HARDWARE - TWO 12 GAUGE 1-5/8" X 1-5/8" CONTINUOUS SLOT HOT DIPPED GALVANIZED CHANNEL (e.g. UNISTRUT) COMPLETE WITH 1-1/4" X 5/16" DIA. 13 THD SPRING NUT (2 PER CHANNEL), 5/16" HEX NUT, AND LOCK WASHER SECURELY MOUNTED TO SUPPORT POSTS.
6. METERING CONDUIT - USE 1-1/2" MIN. GALVANIZED RIGID METALLIC CONDUIT WITH ALL THREADED JOINTS AND INSULATED BONDING BUSHINGS ON BOTH ENDS. CONDUIT SHALL BE GROUNDED AT THE TRANSFORMER.
7. WHEN MOUNTED ON TRANSFORMER CABINET, METER SOCKET SHALL BE LOCATED 6" FROM TOP OF CABINET AND 6" FROM THE FRONT EDGE.
8. WHERE METER IS EXPOSED TO VEHICLE TRAFFIC, CUSTOMER SHALL INSTALL PROTECTIVE BUMPER POSTS 36" FROM METER. POSTS SHALL BE 6" RIGID GALVANIZED STEEL PIPE FILLED WITH CONCRETE AND PAINTED BRIGHT YELLOW.
9. FOR CUSTOMER/COMPANY RESPONSIBILITIES SEE SERVICE GUIDE 19.

 <p>SUSSEX RURAL ELECTRIC COOPERATIVE 64 County Route 639 Sussex, New Jersey 07461</p>	<p><b>UNDERGROUND SECONDARY SERVICE IN PAD-MOUNTED TRANSFORMER WITH CURRENT TRANSFORMERS</b></p>	<p><b>Service Guide</b></p>	<p>Rev.</p>
		<p><b>EXHIBIT 18</b></p>	<p>1</p>
			<p>Date</p>