METER LOOP ON A TRANSFORMER POLE
Single Phase, 120/240 volts, up to 200 AMPS
(For complete details, see SBEC Electrical Service & Wiring Standards Booklet)

1. Weatherhead (metal).
2. Eighth (8) feet of conductor tails out of weatherhead.
3. Meter Loop must be in RIGID Conduit.
   POLE SIZE CONDUIT LENGTH
   35 foot 14 to 15 feet
   40 foot 19 to 20 feet
   45 foot 24 to 25 feet
   EMT or PVC is NOT acceptable.
4. Meter Socket (pick up from Cooperative, assembled by Member) centered at 5 1/2 feet from ground level.
5. 2 or 3 metal conduit straps
6. 1 Locknut & 1 Fiber Bushing (inside meter socket on nipple).
7. Weather-proof main disconnect box with hub & gasket on top mounted directly under meter socket.
8. 1 Nipple with locknut (under meter base).
10. On 150 amp or less——#6 solid, bare copper ground wire & clamp attached to SBEC's pole ground.
    On 200 amp——#4 copper ground wire & clamp attached to SBEC's pole ground.
    See NEC Table 250.66
11. Member's galvanized conduit or electrical PVC. All exits from disconnect panel must be underground.

GROUND ROD provided and installed by SBEC.

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CURRENT CARRYING CAPACITIES & CONDUIT SIZE REQUIREMENTS OF STANDARD WIRE SIZES
RH-RHH-RHW-THHW-THW-THWN-THHN-XHHW-USE

<table>
<thead>
<tr>
<th>COPPER WIRE SIZE</th>
<th>COPPER Neutral SIZE</th>
<th>MAIN BREAKER SIZE</th>
<th>CONDUIT SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>AWG# 6</td>
<td>AWG# 6</td>
<td>60 AMP</td>
<td>1-1/4&quot;</td>
</tr>
<tr>
<td># 2</td>
<td># 4</td>
<td>100 AMP</td>
<td>1-1/4&quot;-1-1/2&quot;</td>
</tr>
<tr>
<td># 1/0</td>
<td># 2</td>
<td>150 AMP</td>
<td>2&quot;</td>
</tr>
<tr>
<td># 3/0</td>
<td># 1/0</td>
<td>200 AMP</td>
<td>2&quot;</td>
</tr>
</tbody>
</table>

MEMBER TO PROVIDE AN ASSEMBLED METER LOOP INCLUDING THE STRAPS NEEDED TO ATTACH TO THE POLE. SBEC TO INSTALL MEMBER'S LOOP ON TRANSFORMER POLE.