METER LOOP ON A PERMANENT POLE
Single Phase, 120/240 volts, up to 300 AMPS
(For complete details, see SBEC Electrical Service & Wiring Standards Booklet)

1. Weatherhead -- Within 3' from top of pole.

3. Meter Loop must be in EMT or RIGID Conduit.

POLE SIZE CONDUIT LENGTH
25 foot 10 foot
30 foot 15 foot
35 foot 20 foot
PVC is NOT acceptable.

6. 1 Locknut & 1 Bushing (inside meter socket on nipple).

7. 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.
    On Services over 200 amp—#2 ground wire to ground rod
    See NEC Table 250.66

11. Main Disconnect - single main breaker as defined in National Electric Code

12. Member's Galvanized conduit or electrical PVC.

NOTE: POLE & GROUND ROD TO BE PROVIDED & INSTALLED BY SBEC.

CURRENT CARRYING CAPACITIES & CONDUIT SIZE REQUIREMENTS OF STANDARD WIRE SIZES RH-RHH-RHW-THHW-THW-THWN-THHN-XHHW-XHWW-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#</td>
<td>AWG#</td>
<td></td>
<td></td>
</tr>
<tr>
<td># 6</td>
<td># 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>
<tr>
<td># 300 MCM</td>
<td># 4/0</td>
<td>300 AMP</td>
<td>Rigid 3&quot;</td>
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</tbody>
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