911 address shall be a minimum 3" lettering marked on meter enclosure, pole, or durable material attached to pole and should be visible from street. (See section 3.4)

Shall meet requirements of drawings D4-4 and D9-2.

Neutral shall be marked on both ends with white tape. Neutral may be bare wire.

Service entrance wires provided by customer (see table below). A minimum of 3'-0" of each conductor shall extend beyond weatherhead.

Minimum size of treated pole (or equivalent), 6" round or 6" x 6" square

Minimum of two conduit straps

Rigid/intermediate metal (steel), rigid aluminum, EMT, or schedule 80 PVC grey conduit with U.V. protection, sized per table.

Meter socket for overhead service.

Weatherproof main switch, fuse or circuit breaker per NEC.

Ground wire to be stapled to the pole and sized per table below.

Customer is responsible for all conduit, neutrals, grounds, and bonding.

5/8" X 8'-0" copper clad ground rod and clamp. Upper end of ground rod to be flush with or below grade in undisturbed soil.

NOTE:
1. Customer facilities shall comply with Company Standards, the National Electrical Code (NEC), and authorities having jurisdiction.
2. All conduit connections to be raintight.
3. Physical location of pole and any guying and bracing (if needed) will be approved by the Company. See drawing D2-1.
4. Any receptacle shall be a ground fault interrupting type.
5. Additional pole height may be required to maintain proper clearance per Section 7.3 Clearances.
6. No utility service lines will be installed over any structures.
7. A main disconnect is required for seven or more circuit breakers (NEC).
8. Customer installed minimum 1/2" galvanized eye bolt with 2" x 2" square washer recommended.
9. If the conduit between the meter socket and the main disconnect is not metal, a bonding ground is required.
10. Point of attachment shall be either accessible to Company’s bucket truck or have enough surface (such as wall or building structure) and sufficient ground space on same Customer’s property to safely support a ladder.
11. Soil stabilizer shall be used when deemed necessary by company.

CALL 811 TWO BUSINESS DAYS BEFORE YOU DIG
In locations with underground facilities, the Customer shall notify One Call and shall have One Call locate all underground facilities before digging. It shall be the responsibility of the Customer to stay clear of all underground facilities.

Minimum Customer Wiring Size - Residence Single Phase **

<table>
<thead>
<tr>
<th>METER SIZE</th>
<th>CONDUIT SIZE</th>
<th>Current carrying &amp; neutral wire size (per NEC) *</th>
<th>COPPER GROUND WIRE SIZE**</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 Amp</td>
<td>1.5&quot;</td>
<td>#2</td>
<td>#2</td>
</tr>
<tr>
<td>200 Amp</td>
<td>2&quot;</td>
<td>#4</td>
<td>#4</td>
</tr>
<tr>
<td>320 Amp</td>
<td>3&quot;</td>
<td>2/0</td>
<td>#6 #2</td>
</tr>
</tbody>
</table>

* Wire sizes based upon customer breaker size
** For 36, consult the company. Commercial & Industrial wire sizes are typically larger.

ENTERGY SERVICES, INC.
SERVICE TO PERMANENT POLE LOCATION FROM AN OVERHEAD SOURCE
(EXAMPLE MOBILE HOMES)

APPROVED BY: JRH DATE: 01/09/2013
CHECKED BY: JED SCALE: None
DRAWN BY: krich95

No. D4-3

ENTERGY SERVICES, INC.

06/15/17 Revised dimensions and added note 11.
01/13 REVISION OF DRAWING SS4.6-1

NO. DATE: REVISION
BY: APPR.
**Wrong Position to Set Meter Pole**

- Meter point shall not be behind the mobile home or inside of fence.

**Meter Pole Set Correctly**

- Meter point shall be outside of fence and clear of shrubs.

**服务体系电缆不允许位于结构之上或之下。**

**Wrong Position to Set Meter Pole**

- Service line is too long and not at closest point to Company pole.

**Meter Pole Set Correctly**

- Service line does not cross over structure.

**Meter Clearances**

- Meter pole shall be a minimum of 3 ft. from structure.

**Maximum Recommended Distance (Note 3)**

<table>
<thead>
<tr>
<th>Amps</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>100'</td>
</tr>
<tr>
<td>200</td>
<td>75'</td>
</tr>
<tr>
<td>320</td>
<td>40'</td>
</tr>
</tbody>
</table>

**CALL 811 TWO BUSINESS DAYS BEFORE YOU DIG**

In locations with underground facilities, the Customer shall notify One Call and shall have One Call locate all underground facilities before digging. It shall be the responsibility of the Customer to stay clear of all underground facilities.

**Notes:**

1. Customer facilities shall comply with Company Standards, the NEC, and authorities having jurisdiction.
2. The customer is responsible for clearing and maintaining all right of way.
3. The Company service cable shall not go over the top of the mobile home or if there is not a clear path to the meter pole or the maximum distance is exceeded, an additional pole may be required. Contact Company in advance to learn additional Customer cost. Additional Customer cost is typically $1500 or more.
A customer supplied and installed teaser wire is required from the neutral lug to a 5th terminal mounted on the left side of the meter block between the line and load terminals.

**CAUTION:**
For 480 volt service, see drawing D9-4.

For 277/480 volt service, Customer shall furnish and install a Company approved, Company lockable, non-fused disconnect switch on the supply side of the meter base and a separate load side disconnect with overcurrent protection within 2 ft. of the meter.

Company shall control the supply side disconnect. It shall be labeled "Utility Disconnect" see 1.5 Labels and Disconnects and it shall be available to Company 24 hours a day without notice.

**NOTES:**
1. Ungrounded Conductor with the Higher Voltage to Ground (Phase marked C) must be marked orange.
2. All sockets, except residential single phase less than 320 Amps, shall have a manual mechanical gang operated bypass switch.
3. Load and supply wires shall not cross in the meter socket.
NOTES:
1. Bracing is required if a pole or riser is unstable, bends, or moves when shaken or a ladder is put against it or bends when wires are attached.
2. Consult the Company for specific requirements.