**Notes:**

1. All diagrams on this drawing show connections when the switch is installed on the right side (see Right Side below) of the meter socket. If the switch is installed on the left side of the meter socket you will need to mirror this diagram (see Left Side below).
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.

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**CONDUIT PLACEMENT**

Meter socket shall be designed for underground service (installed and maintained by customer)

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**ENTERGY SERVICES, INC.**

**WIRING DIAGRAM CONNECTIONS FOR UNDERGROUND SELF CONTAINED METERS**

**APPROVED BY:** JRH  
**DATE:** 01/10/2013

**CHECKED BY:** JED  
**SCALE:** NONE

**DRAWN BY:** krich95

**No.** D9-3

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**1 01/13** REVISED DRAWING SS11.8–2  
**JED**  
**NO. DATE:** REVISION  
**BY:** APPR

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**2 06/15/17** Updated Meter Enclosure Diagram  
**ERG**
Shall meet requirements of drawings D4-6, D9-3, D8-2, and either D8-4, or D8-5.

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)

NOTES:
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. When installing conduit system, customer shall extend conduit to pole or underground system. Consult the company for details. (See drawings D8-4 and D8-5).
4. Location of underground cables shall be identified prior to digging.
5. If the conduit between the meter socket and the main disconnect is not metal, a bonding ground is required.

<table>
<thead>
<tr>
<th>METER SIZE</th>
<th>CONDUIT SIZE</th>
<th>CURRENT CARRYING &amp; NEUTRAL WIRE SIZE (PER NEC)</th>
<th>GROUND WIRE SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 Amp</td>
<td>2&quot;</td>
<td>#2</td>
<td>#6 *</td>
</tr>
<tr>
<td>200 Amp</td>
<td>2.5&quot; ***</td>
<td>4/0</td>
<td>#4</td>
</tr>
<tr>
<td>320 Amp</td>
<td>3&quot;</td>
<td>500</td>
<td>350</td>
</tr>
</tbody>
</table>

* Wire sizes based upon customer breaker size.
** For 3φ, consult the Company, Commercial & Industrial wire sizes are typically larger.
***Arkansas only 2" permitted.

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 prior to digging. It shall be the responsibility of the Customer to stay clear of all underground facilities.

ENTERGY SERVICES, INC.

PERMANENT POLE - UNDERGROUND SERVICE TO LOCATION (EXAMPLE: MOBILE HOME)

APPROVED BY: JRH DATE: 02/20/2013
CHECKED BY: JED SCALE: 3/4"=1'-0"
DRAWN BY: krich95

No. D4-5
Shall meet requirements of drawings D4-5 and D9-3.

**WRONG POSITION TO SET METER POLE**

- **Existing Company pole**
- **More than 200' Pole is not in correct location and conduit run is too long**

**METER POLE SET CORRECTLY**

- **Existing Company pole**
- **Less than 200' Meter outside fence and clear of shrubs, trees, etc. Meter on side of structure.**

A Company approved Customer furnished and installed pedestal box may be required if length is more than 200' or if conduit installation has more than three (3) 90° bends, including bends in conduit on meter pole and utility pole.

**WRONG POSITION TO SET METER POLE**

- **Connection point on structure**
- **Service goes beneath the mobile home/structure - not allowed. Has more than three (3) 90° degree bends, including meter pole behind trailer.**

**METER POLE SET CORRECTLY**

- **3' min.**
- **200' or less Service line (See note 2)**

Place temporary underground service wire here (underground 30" deep)

**METER CLEARANCES**

- **15° min.**
- **15° min.**
- **3' min.**
- **No fences, clear shrubs, etc.**

**CAUTION:**
No gas meters within a 3' radius of meter enclosure. Meter pole shall be a minimum of 3 ft. from structure.

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 National Electrical Code (NEC), and authorities having jurisdiction.
2. When installing conduit system, customer shall extend conduit to pole or underground system. Consult the company for details.
3. Company owned or maintained underground service shall not be installed beneath a mobile home or any other structure.
4. The customer is responsible for clearing and maintaining all right of way.

**ENTERGY SERVICES, INC.**

**PERMANENT POLE - UNDERGROUND SERVICE DETAILS FOR SINGLE MOBILE HOME OR STRUCTURE**

- **APPROVED BY:** JRH
- **DATE:** 10/23/2012
- **CHECKED BY:** JED
- **SCALE:** None
- **DRAWN BY:** krich95

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2 06/15/17 Revised Meter pole Set Correctly Details ERG
1 10/12 REVISION OF DRAWING SS4.6-4 JED

**2018 Edition**
Pedestal (See pull box detail and notes 1 and 2)

Exact Meter locations to be determined by Company

Notes:
1. Customer shall consult with Company for location and type of pedestal.
2. The Customer shall bear the cost of conduit and its installation.

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.
The Customer will find the red flagging tape and tie into the conduit system that is provided by the Company located 2'-0" of the transformer pad or secondary pedestal.

Street Side
Bring cable or conduit to one foot from the center of the pedestal buried at 30" below the ground.

Notes:
1. Contact Company for local area requirements.
Notes:
1. If one conduit installation is already on the pole, Contact the Company to (at its option) install a pedestal at the base of the pole.
2. Customer shall install the conduit to 7" from the pole. The Company will install the Customer supplied riser material up the pole. The Customer shall supply enough conduit to extend up the pole to a point 50" above the Telephone Co.'s and/or cable. When these minimum conditions cannot be satisfied, the Customer shall consult the Company. The Customer shall secure the riser material at the meter entrance for installation by the Company. (EXCEPTION: In Arkansas and Mississippi the conduit for the riser is supplied by the Company)
3. Contact Company for local area requirements.

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.

DIRECT BURIED SYSTEM
(See note 3)

IN CONDUIT SYSTEM
(See note 3)

If pedestal present, see drawing D8-4.

2'-6" min.

Pole Ground

6"

7"

Could also be meter on pole.