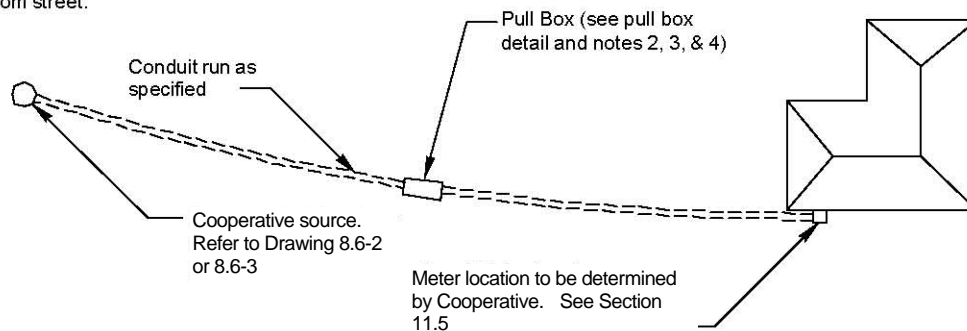


911 address shall be a minimum 3" lettering marked on structure, or meter enclosure and should be visible from street.



Notes:

1. Member facilities shall comply with Cooperative Standards, the NEC, and authorities having jurisdiction.
2. Member shall consult with Cooperative for location and type of pull box for any length over 200'.
3. If more than three 90° bends (including riser bends and regardless of length) are required in any run, consult the Cooperative.
4. Pull box shall be installed at a 90° bend or the center of run. Pull box will be to Cooperative's specification, and may be purchased from Cooperative. Recommended size 17" W x 30" L x 18" D. Consult Cooperative for pull boxes located in vehicle parking or traffic areas.
5. The Member shall provide and install conduit, pull box as required. See table for conduit diameter.
6. The Member shall install 80lb non-metallic pull line or bull tape in the conduit.
7. Service conductor normally provided and installed by Cooperative up to 320A.
8. Underground service conduit shall be separated from telephone or cable by not less than 3" of concrete, 4" of brick masonry, or 12" of well tamped earth. Water or gas lines are not permitted in the same trench with the electrical line, and shall be separated by at least 18" of undisturbed earth..
9. Conduit shall bear the U.L. label, either rigid nonmetallic (schedule 80 PVC above ground, schedule 40 below grade, gray only) or rigid /intermediate metal conduit (aluminum not permitted below grade). If metal conduit is used below grade, corrosion protection shall be provided.
10. Conduit required for all residential installations.
11. Additional details are found in other drawings 8.6-2, 8.6-3, and 8.6-4.

REQUIRED CONDUIT SIZES	
Service Rating	Conduit Diameter
100A or 200A	2"
320A	3"
Over 320A	Consult Cooperative

NOTICE

The Cooperative recommends that all work on the Member's facilities be performed by a qualified, licensed electrical contractor.

CALL 48 HOURS BEFORE YOU DIG – Dial 811
It shall be the Member's responsibility to stay clear of all underground facilities.

SINGLE PHASE UNDERGROUND SERVICE CONDUIT SYSTEM DETAILS

DRAWING 8.6-1

August 2010
 NOT TO SCALE



First Electric Cooperative Corporation