



SINGLE PHASE APPLICATION
 - MILBANK METER BASE (100A TO 225A)
 - 400A OR ABOVE TO BE PURCHASED FROM LAWRENCEBURG UTILITIES
 NOTE: DO NOT BREAK NEUTRAL IN THE METER BASE. CARRY NEUTRAL THROUGH THE NEUTRAL LUG AND LEAVE A PIG TAIL FOR LUS TO CRIMP ONTO (12 TO 18 IN LONG)

NON-CORROSIVE GALVANIZED STRAPS

SLIP-JOINT FITTING TO BE INSTALLED ON ALL UNDERGROUND SERVICES. INSTALLED WITHIN 2 FEET OF METER BASE.

- #4 BARE COPPER GROUND
 - SYSTEM GROUNDING TERMINAL

APPROXIMATELY 5 1/2 FEET

BONDED REINFORCED REBAR

WARNING TAPE IS SUPPLIED BY LUS. PLACE 1' OF DIRT IN TRENCH THEN WARNING TAPE

CONDUIT SHOULD EXTEND 6" ABOVE STANDOFF. DO NOT INSTALL A FULL STICK OF CONDUIT

36"

12"

3" SCH 80 SWEEPS TO BE PVC CONDUIT OR RIGID (UL APPROVED)

MINIMUM TO BOTTOM OF DITCH 30"

3" SCH 40 (UL APPROVED) MAY BE USED IN THE DITCH LINE

SUPPLEMENTAL GROUNDING ELECTRODE (GROUND ROD)

SCH 80 CONDUIT
 MINIMUM 4' FROM HOUSE

GROUNDING NOTES:

1. FOOTING WITH REBAR IN THE FOUNDATION WILL HAVE A PIECE OF BONDED REBAR TURNED UP TO THE TOP OF THE FOUNDATION IN CLOSE PROXIMITY OF THE METER BASE.
2. THE METER BASE GROUNDING CONDUCTOR WILL BE INSTALLED FROM THE EXPOSED REBAR TO THE SUPPLEMENTAL ELECTRODE (GROUNDING ROD) AND CONTINUE TO THE METER BASE OR SERVICE EQUIPMENT DISCONNECT IN ONE CONTINUOUS PIECE.
3. THE GROUNDING CONDUCTOR WILL BE A MINIMUM OF #4 AWG BARE COPPER

NOTES:

1. CUSTOMER TO SUPPLY AND INSTALL CONDUIT FROM METER BASE TO POLE, UNDERGROUND SECONDARY BOX, OR UNDERGROUND TRANSFORMER.
2. CUSTOMER TO PROVIDE AND INSTALL A 1/2" NYLON ROPE IN CONDUIT. INSTALL ROPE WITH TAG AT METER BASE.
3. CUSTOMER TO SUPPLY A MINIMUM OF THREE 10 FT STICKS OF SCH 80 AND A 3 IN WEATHERHEAD TO GO UP THE POLE (TO BE INSTALLED BY LAWRENCEBURG UTILITIES).

SINGLE PHASE MINIMUM UNDERGROUND SERVICE REQUIREMENTS

SCALE: NTS

DATE: 07-31-2014

DRAWN BY: BRADY T. ALLRED

SHEET NO. 1

LAWRENCEBURG UTILITY SYSTEMS

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