

LEXINGTON ELECTRIC SYSTEM

RESIDENTIAL UNDERGROUND SERVICE

GENERAL ARRANGEMENT - PAD-MOUNTED TRANSFORMER

:: NOTES ::

- ① -- METER BASE INSTALLED NOMINALLY 5'-6" ABOVE FINAL GRADE -- METER BASE IS SUPPLIED (OR OTHERWISE MUST BE APPROVED) BY LES
- ① -- METERBASE CAN NOT BE INSTALLED UNDER PORCH, CARPORT, DECK, OR OTHER PHYSICAL STRUCTURE -- INSTALL ON EXTERIOR WALL ONLY
- ① -- METER BASE CAN BE PICKED UP AT LES WAREHOUSE IN LEXINGTON BY APPOINTMENT (PROOF OF STATE PERMIT REQUIRED)
- ② -- ALL UG SERVICE CONDUCTOR (LES MAINTAINED) WILL BE INSTALLED IN CONDUIT
- ② -- CUSTOMER WILL OPEN & CLOSE SECONDARY DITCH -- LES WILL INSPECT DITCH BEFORE CUSTOMER BACKFILLS DITCH (LES REQUIRES 24 HOURS NOTICE TO SCHEDULE)
- ③ -- CUSTOMER WILL BURY "RED WARNING TAPE" IN DITCH APPROXIMATELY 12" ABOVE CONDUIT IN HORIZONTAL DITCH RUN
- ④ -- CUSTOMER WILL STOP SECONDARY CONDUIT AND LEAVE END EXPOSED SHORT OF THE EXISTING PAD-MOUNTED TRANSFORMER
 - CONSULT WITH LES ENGINEERING BEFORE DIGGING DITCH
 - CONTRACTOR OPENING DITCH MUST CALL "TENNESSEE 811" FOR LOCATE BEFORE OPENING TRENCH
 - CONFIRM THAT LES HAS LOCATED ALL ELECTRICAL LINES NEAR PAD-MOUNT BEFORE DIGGING DITCH
- ⑤ -- LES ALLOWS A MAXIMUM OF TWO 90-DEGREE BENDS INSTALLED IN A CONDUIT RUN -- ADDITIONAL BENDS OR CHANGES IN CONDUIT PATH ALONG ITS RUN SHOULD BE GRADUAL AND OF SMALL ANGLE WITH NO BEND GREATER THAN 45 DEGREE EACH
 -- LES LIMITS TOTAL CHANGE IN DIRECTION WITH THE CONDUIT RUN TO BE NO GREATER THAN 225 DEGREE FROM METERBASE LUGS TO PAD-MOUNT VERTICAL ENTRY POINT
 -- LES RECOMMENDS LIMITING TOTAL LES-MAINTAINED SERVICE CONDUCTOR LENGTH TO 250FT LENGTH OF SERVICE CONDUCTOR IS MEASURED FROM CONNECTION LUG ON METERBASE TO CONNECTION LUG ON TRANSFORMER
 -- LES POLICY SPECIFICALLY LIMITS ALLOWABLE LENGTH TO 300FT
- ⑥ -- CUSTOMER PROVIDES ALL CONDUIT
 - RESIDENTIAL SERVICE (400AMP AND LESS) WILL BE 3" PVC CONDUIT BETWEEN METER & PAD-MOUNT
 - ALL CONDUIT ABOVE GROUND WILL BE SCHEDULE 80
 - ALL CONDUIT UNDER STRUCTURES (DRIVEWAYS & SIDEWALKS, ETC) WILL BE SCHEDULE 80
 - ALL ELBOWS WILL BE 3", SCHEDULE 80 PVC, LONG-RADIUS FACTORY ELBOWS (UNLESS OTHERWISE APPROVED BY LES)
- ⑦ -- CUSTOMER WILL PROVIDE & HAVE ON SITE ENOUGH CONDUIT FOR LES TO EXTEND AND ROUTE INTO PAD-MOUNT TRANSFORMER
- ⑧ -- METERBASE INSTALLATION, CUSTOMER-SIDE GROUNDING & ELECTRICAL SYSTEM MUST BE INSPECTED & APPROVED BY STATE INSPECTOR BEFORE LES WILL CONNECT POWER

