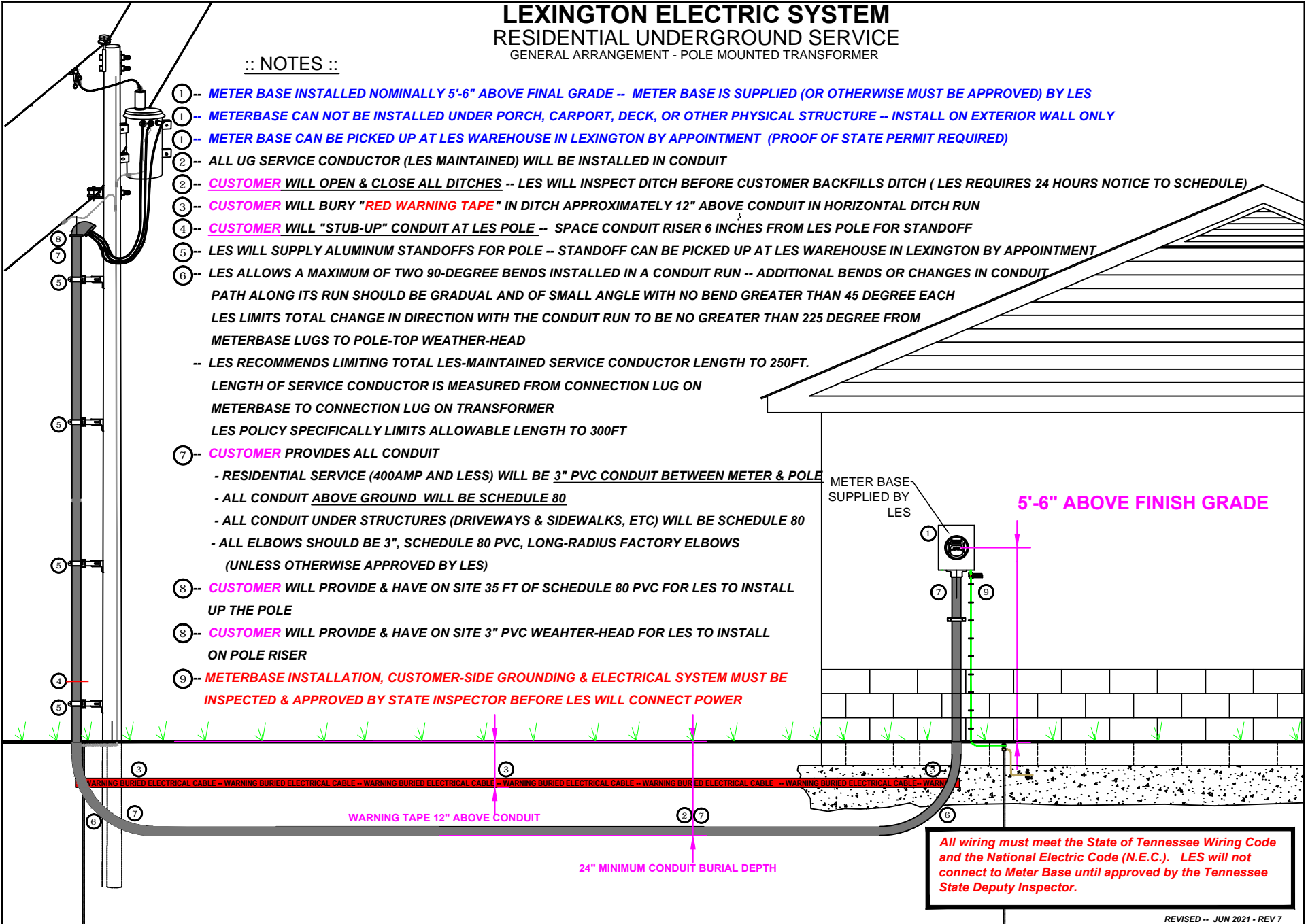


# LEXINGTON ELECTRIC SYSTEM RESIDENTIAL UNDERGROUND SERVICE

GENERAL ARRANGEMENT - POLE 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 ALL DITCHES -- 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 "STUB-UP" CONDUIT AT LES POLE -- SPACE CONDUIT RISER 6 INCHES FROM LES POLE FOR STANDOFF
- ⑤ - LES WILL SUPPLY ALUMINUM STANDOFFS FOR POLE -- STANDOFF CAN BE PICKED UP AT LES WAREHOUSE IN LEXINGTON BY APPOINTMENT
- ⑥ - 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 POLE-TOP WEATHER-HEAD
- 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
- ⑦ - CUSTOMER PROVIDES ALL CONDUIT
  - RESIDENTIAL SERVICE (400AMP AND LESS) WILL BE 3" PVC CONDUIT BETWEEN METER & POLE
  - ALL CONDUIT ABOVE GROUND WILL BE SCHEDULE 80
  - ALL CONDUIT UNDER STRUCTURES (DRIVEWAYS & SIDEWALKS, ETC) WILL BE SCHEDULE 80
  - ALL ELBOWS SHOULD BE 3", SCHEDULE 80 PVC, LONG-RADIUS FACTORY ELBOWS (UNLESS OTHERWISE APPROVED BY LES)
- ⑧ - CUSTOMER WILL PROVIDE & HAVE ON SITE 35 FT OF SCHEDULE 80 PVC FOR LES TO INSTALL UP THE POLE
- ⑧ - CUSTOMER WILL PROVIDE & HAVE ON SITE 3" PVC WEAHTER-HEAD FOR LES TO INSTALL ON POLE RISER
- ⑨ - METERBASE INSTALLATION, CUSTOMER-SIDE GROUNDING & ELECTRICAL SYSTEM MUST BE INSPECTED & APPROVED BY STATE INSPECTOR BEFORE LES WILL CONNECT POWER



All wiring must meet the State of Tennessee Wiring Code and the National Electric Code (N.E.C.). LES will not connect to Meter Base until approved by the Tennessee State Deputy Inspector.