



NOTES

1. CONDUIT SHALL BE 2.5" RIGID PVC SCHEDULE 40 ELECTRICAL GRADE EXCEPT UNDER DRIVEWAYS. CONDUITS INSTALLED UNDER DRIVEWAYS SHALL BE SCHEDULE 80 PVC ELECTRICAL GRADE.
2. NO SHARP BENDS WILL BE ALLOWED. HORIZONTAL BENDS MUST BE GREATER THAN 6 FEET IN RADIUS.
3. THE DITCH DEPTH SHOULD MATCH THE DETAILS DEPTH, WITH THE BOTTOM OF DITCH LEVEL OR SLOPING AT A CONSISTENT ANGLE SUCH THAT THE CONDUIT WILL BE SUPPORTED WELL WITH LITTLE OR NO VERTICAL BENDING IN THE DITCH. IF A SOLID ROCK IS ENCOUNTERED, THE CONDUIT MAY BE ENCASED IN 12" OF CONCRETE NOT LESS THAN 24" BELOW FINISHED GRADE.
4. ALL FOREIGN UTILITIES MUST MAINTAIN 36" PARALLEL HORIZONTAL SEPARATION AND 12" OF VERTICAL SEPARATION BETWEEN UCEMC'S POWER CONDUIT AND THE FOREIGN UTILITY.
5. MAINTAIN 2" OF SEPARATION BETWEEN EACH INSTALLED CONDUIT.
6. THE BOTTOM OF THE DITCH SHOULD BE CLEAN TAMPED EARTH FREE FROM ABRASIONS.
7. DO NOT DIG THE DITCH WITHIN 5' OF SWIMMING POOLS OR UNDERNEATH THE FOUNDATION OF BUILDINGS OR OTHER STRUCTURES SUCH AS SHEDS, GARAGES, OR TANKS.
8. MACHINE COMPACTION OF BACKFILL SHALL NOT BE USED.



UNDERGROUND PRIMARY DITCH DETAIL

DATE: 04-29-2019
STANDARD
UG-PDD