



Department of Public Works

**Lake County Public Works Department
Service Pipe Connection Requirements
May 22, 2019**

1. Additional permit may be required from the ROW authority.
2. Disconnected service pipes may be reused if the pipe is in suitable condition for reuse. Service pipes must be televised in the presence of a LCPW inspector.
3. Inspections must occur prior to backfill of the connection point. Contact LCPW at 847-377-7500 to schedule inspections 48 hours in advance.
4. Only LCPW personnel are authorized to operate mainline valves.
5. Sanitary service pipe material shall be PVC SDR 26 or as required by local municipal codes. Review the relevant municipal code and discuss the matter with a LCPW inspector by contacting LCPW at 847-377-7500.
6. Sanitary main tapping shall be ROMAC STYLE "CB"™ SEWER SADDLE or approved equal.
7. Non-shear mission coupling shall be MaxAdaptor, Fernco Strongback coupling, or approved equal.
8. There shall be at least one cleanout on each sanitary service pipe, located at least 5 feet outside the building. Cleanouts shall be installed no more than 100 feet apart and at each change in horizontal direction greater than 60 degrees.
9. Water services shall be capped by install of a blank at the corp and proper bedding.
10. New water service pipes shall be made of copper pipe between the watermain and the B-Box. Between the B-Box and the structure, Type K copper or approved equal may be used.
11. Corp stop valve shall be Mueller H-15000 or approved equal.
12. Watermain tapping sleeves shall be Smith Blair 372 or approved equal.
13. All unions shall be flared type or fused in place. Compression unions shall not be used.

14. All water service pipes that are not made of conductive materials shall be installed with an insulated stainless steel tracer wire to extend into the building foundation and be accessible at the surface. Tracer wire access box in lawn areas Light Duty Box LD14; Copperhead Industries or approved equal.
15. The applicant is responsible for all approvals from the applicable roadway authority, including provisions for emergency vehicle access and neighbor notification.