

Village of Lombard Residential Single Family & Townhomes

Sewer and Water Requirements

Sewer Repair:

- a) When a repair is made to an existing sewer, a clean out shall be provided where the repair is made unless a clean out is already present outside.
- b) All excavation shall be backfilled with granular backfill under any paved surface and for 2' additional measured from the edge of the paved surface (Sidewalk, Driveway, Roadway, etc)
- c) All couplings shall be "no shear" type.
- d) All sewer replacement shall be treated as a new sewer.

New installation of Sanitary Sewers:

Sanitary Sewer Approved Material	Sanitary Sewer Water Main Quality Material
Ductile Iron Class 52	Ductile Iron Class 52
PVC SDR 26- ASTM 3034	PVC SDR 26- ASTM 2241
Schedule 40 PVC (Private Property Only)	Schedule 40 PVC (Solvent Weld, Private Property Only)

- a) All pipe is to be 6 inches in diameter up to within 5 feet of the house, unless otherwise specified by private engineering, or existing sewer downstream is less than 6 inches in diameter.
- b) There shall be a cleanout installed outside the house and within 1 foot of the ROW on the private side. Where sidewalk is not present the clean out shall be installed within 1 foot of the ROW.
- c) All pipe to be bed in 6 inches of washed stone (CA-7).
- d) All couplings shall be "no shear" type.
- e) Cleanout and check valve (clean & check combination) shall require a separate clean out on the street side of the combination cleanout and check valve (clean and check)

Water service repair:

- a) Repairs on a water service shall be made with compression fittings only.
Approved materials are Type K copper and Ductile Iron only. Water services made of any other material upon failure shall be removed and replaced with Type K copper or Ductile Iron from the water main to the Buffalo Box (B-Box).

Installation of new water service or complete replacement of water service.

- a) All new construction water service from main shall be 1 inch or larger, per approved building plans.
- b) Replacement of existing water service shall be same size as b-box.
- c) All connections shall compression fittings.
- d) Water pipe shall be K copper or ductile iron
- e) Water services shall be a minimum of 5 feet deep.
- f) Connection to water main shall be made a minimum of 1.5' away from existing service connection or shall be located 90 degrees away from the existing service connection while looking at a cross section of the water main.
- g) Where possible, water services shall maintain a horizontal separation of 10 feet from sanitary sewer. Where 10 feet of separation is not possible water shall be shelved 18 inches vertically above the sewer. Where proper separation is not possible water main quality piping shall be used for the sewer.
- h) Licensed plumbers are required for the installation or repair of a water service, if the repair is to be done by the homeowner, the house must be the primary dwelling of the person making the repair for at least six (6) months.

Backfill

- a) Backfill is required to meet Village Standard Specification, standards are located on the Village website. East Jordan frame and lid or equal required over a sanitary cleanout if it falls within a paved area.
- b) Under no circumstances shall any section of sewer or water piping be back-filled pre-inspection. **No pictures, no exceptions.**

Sewer lining videos: Videos are required before and upon completion of work.