



REQUIREMENTS FOR SEWER & WATER INSTALLATION

Inspections are completed by City Maintenance Staff. **Call Teri at 856-4666, ext. 23 for inspection scheduling.** The sewer service and water service shall enter the building under the footing with a clearance of no less than 6 inches from the footing in any direction. Water line shall run parallel to the sewer line with a 2-foot separation between the services.

I. Water line 1" Copper K/Polyethylene min 250 psi

- A. All water lines will be completely bedded & compacted in place before Styrofoam is placed on top of pipe
 - a. Water lines less than 8 feet deep must be insulated with 2" thick by 4' wide high-density Styrofoam.
 - b. Water lines less than 6 feet deep must be insulated with 3" thick by 8' wide high-density Styrofoam.
 - c. Water lines placed under the driveway must be insulated with 2" thick by 8' wide high-density Styrofoam, if less than 6' feet of cover can be established.
- B. The water line must have an inside full gate valve with a flared connection.
- C. No couplings or splicing allowed unless approved by the City of Zimmerman.
- D. All water lines must be air tested year round; 100 PSI for 15 minutes from the time inspector arrives, contractor to supply a gauge in working order meaning no bent needles – no broken lenses.
- E. Water lines must be flushed after installation.
- F. All sewer & water lines will NOT cross & will have a separation of at least 2' of distance between the two service lines. Backfilling of ditch will have no frost blocks of dirt, no garbage of any sort, all debris to be disposed of properly in garbage containers.
- G. Locate wire from inside of home to curb stop on water line
 - a. Wire shall be as follows
 - i. 1/8" galvanized aircraft wire clear PVC coated to 3/16" **or**
 - ii. 1/8" 304 stainless steel wire clear PVC coated to 3/16" **or**
 - iii. #12 AWG solid copper wire or copper clad steel(CCS) wire with 30 ml high density polyethylene HDPE insulating jacket
- H. All water lines will be 6" or more below footing

II. Sewer line 4" SCH 40

- A. A backwater valve will be installed in the basement to prevent sewer backup. Available at City Hall for \$50 (with 3' tall x 8" extender).
- B. Sewer line must be not less than 4" in diameter.
- C. Sewer must have a clean out within 2' of the outside of the exterior wall and every 75' thereafter with a metal stake installed next to the clean out.
- D. Sewer line must have a minimum 1/4" bubble per 10' length.
- E. Locate wire from inside of home to sewer line
 - a. Wire shall be as follows
 - i. 1/8" galvanized aircraft wire clear PVC coated to 3/16" **or**
 - ii. 1/8" 304 stainless steel wire clear PVC coated to 3/16" **or**
 - iii. #12 AWG solid copper wire or copper clad steel(CCS) wire with 30 ml high density polyethylene HDPE insulating jacket



City of Zimmerman

12980 Fremont Avenue
Zimmerman, MN 55398

Telephone 763-856-4666 * Fax 763-856-4787
www.zimmerman.govoffice.com

III. Curb stops

- A. Concrete block must be placed under the curb stop.
- B. All curb boxes must have a rod installed.
- C. After backfilling make sure that the curb box is not bent.
- D. If curb stop is located in the green area it will be marked by a steel stake extended above grade of no less than 18".
- E. Bring tracer wire to top of curb stop