



8301 Valley Creek Road • Woodbury, Minnesota 55125-3330 • www.ci.woodbury.mn.us
651/714-3543 • TDD 651/714-3568 • FAX 651/714-3501

Residential Plumbing Requirements

- All plumbing in new construction shall be by a state licensed plumber with registered apprentices. A master plumber must be in charge and responsible for the plumbing installation (State Statute 326.40).
- Sillcocks and hose bibs require a vacuum breaker (Plumbing 4715.2000B).
- The plumbing waste and vent system must be inspected and tested with 5 pounds of air for 15 minutes for each phase of rough in, or before any work is covered (Plumbing 4715.2830). Plumbing pipes within 1 ¼" of the edge of the studs, or plates, etc. must be protected by steel nail plates, at least 1/16" thick (Plumbing 4715.1440).
- When inspections are not approved a correction notice will be posted on the job site. Make corrections as indicated. Call for reinspection as noted on correction notice.
- Provide ¾" pipe size for any water supply which serves more than 2 faucets or fixtures. Any concealed water pipe must be 1/2" in size or greater. Single Family Dwelling Units: Not more than 3 fixtures in same room may be supplied by ½" size pipe. (Plumbing 4715.1730).
- No water closet may be closer than 15" from its center to any sidewall or partition. A 24" clearance must be provided in front of water closets. (Plumbing 4715.1220).
- Copper gas piping must be type K or L, free of defects, and installed without kinks in piping. Sleeves are required when passing through concrete or stucco (MINN Fuel Gas Code 408.5).
- Steel and wrought iron piping run outside exposed above ground, must be galvanized or painted (MINN Fuel Gas Code 404.8).
- Clear water sumps must be at least 10 feet from any floor drain. Interior drain tile, sump basket, pumps with check valve, and rigid pipe sized by the pump or larger pipe size discharged to the exterior is required. Sump covers must be of adequate to support anticipated loads, and securely fastened to prevent entry by children. Floor drains located in garage floors must not drain into sanitary sewer (must drain to daylight) (Ordinance Section 6-1).
- Any shower or combination shower/bath in a new or remodeled installation must be equipped with an anti-scald type shower control valve. The valve must be of the thermostatic or pressure-balancing type in accordance with ANSI/ASSE standard 1016-90 (Plumbing 4715.1380 Supp.5).
- Shower stalls shall have a finished interior capable of completely encompassing a 30" circle and a cross sectional horizontal area of 900 square inches. (Plumbing 4715.1380 subp. 4).
- Shower drain size shall not be reduced. The outlet spud determines the trap size. (Plumbing 4715.2420).
- The potable water system shall be protected by an air gap or backflow preventer on whirlpool tubs, spas, personal hand showers, etc. (Plumbing 4715.2000).
- A pre-charged shock arrestor shall be installed between the water meter and first branch (Plumbing 4715.1750).
- When street water pressure exceeds 80 PSI, an approved pressure reducing valve (PRV) shall be installed in the water service pipe near its entrance to the building, on the street side of the meter (Plumbing 4715.1740).

Backflow Preventers

- Permits are required for the installation of backflow devices. Call for inspections when installation is complete (Ordinance Section 6-78).
- RPZ devices are required to be tagged with the following information: Test results, date, and tester name and number. All yearly test and five-year repair records are to be sent to the Woodbury Public Works Department (Plumbing 4715.2161).



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Water Meters

- The water meter must be accessible (Ordinance Section 23-43).
- Verify water pressure before installation of water meter. When pressure exceeds 80 PSI, a pressure reducer is required to be installed before the water meter. (Plumbing 4715.1740). A map is available at the Inspections Division counter for a quick reference.
- All water service pipes shall be a minimum of 1" type K copper, with full flow valves (ball type) installed on both sides of the water meter. A shock absorber shall be installed on the water service before the first branch (Ordinance 6-81).
- Meter horns are allowed but not required. The city does not supply meter horns or pressure reducers.
- The remote reader to the meter is to be installed outside above the gas meter. The City will supply and require the use of AT&T telephone wires in water meter installation. The wire consists of four wires. The black and yellow wires will be used to hook up the meter and the other two are coiled around the main wire for future telephone connection. Due to the size of the reading machines, all touch pads must have a one-foot clearance on all sides to ensure full contact with the machine.
- WATER SERVICE TURN ON to new construction must be performed by the PUBLIC WORKS DEPARTMENT -- call (651) 714-3593, prior to plumbing final. A recommended procedure would be to call for the turn on and meter seal up to occur while installing fixtures.
- The plumber may have water temporarily turned on for flushing or testing water lines and inspections. Water must be turned off at the end of each day.

Sewer & Water

- Sewer lines into buildings are to be cast iron, solid core PVC schedule 40 ASTM D2665, or solid core ABS schedule 40 ASTM D2661, laid on a continuous granular bed. All ASTM identification numbers on the pipe are to be on the top for inspection (Ordinance Section 6-82 and Plumbing 4715.0570).
- Water service pipes shall be a minimum of 1" type K copper or ductile iron brought into an easily accessible area to full flow ball or rising stem gate type meter valves and water meter (Ordinance Section 6-81).
- Water services are to be installed below normal frost penetration. Plumbing piping in exterior building walls shall be protected against freezing by insulation, heat or both (Plumbing 4715.0340 Supp.4).
- Copper pipe passing through concrete or other corrosive material shall be sleeved or wrapped with a protective coating (Plumbing 4715.0300).
- All curb stops, manhole covers and similar items must be at finished grade (Ordinance 6-81). When curb stops or sewer cleanouts are located in the driveway, approved monument frames with lid are to be used over the cap.