

8301 Valley Creek Road • Woodbury, MN 55125-3300 • www.woodburymn.gov
(651) 714-3543 • TDD (651) 714-3568 • building@woodburymn.gov

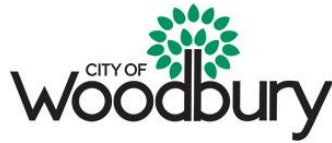
Residential Plumbing Requirements

- All plumbing in new construction shall be by a state licensed plumbing contractor with state licensed plumbers and registered apprentices. A master plumber must be in charge and responsible for the plumbing installation.
- Sillcocks and hose bibs require a vacuum breaker and a means of freeze protection.
- 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 pipes within 1 ¼" of the edge of the studs, plates, etc. must be protected by steel nail plates at least 1/16" thick.
- A backwater valve is required for fixtures installed on a floor level lower than the next upstream sanitary sewer manhole cover.
- 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.
- Hot water pipes require minimum R-3 insulation.
- 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.
- 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. CSST installed per its listing is also acceptable. Installers must be certified.
- Steel and wrought iron piping run outside exposed above ground, must be galvanized or painted.
- 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. Sealed sump covers must be adequate to support anticipated loads, and securely fastened to prevent entry by children. Floor drains located in garage floors must drain to daylight, not to sanitary sewer system.
- 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 ASSE 1016.
- Temperature limiting valves in accordance with ASSE 1070 are required for bathtub and whirlpool fillers.
- Shower stalls shall have a minimum finished interior area of 1,024 square inches, and shall also be capable of encompassing a 30" circle.
- Shower drains shall have a waste outlet and fixture tailpiece not less than 2" in diameter.
- The potable water system shall be protected by an air gap or backflow preventer on whirlpool tubs, spas, personal hand showers, water softeners, etc.
- Domestic dishwashers shall discharge indirectly through a listed air gap fitting installed with the flood-level marking at or above the flood level of the sink.
- Approved water hammer arresters shall be installed as close as possible to quick-acting valves.
- 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.

Backflow Preventers

- Permits are required for the installation of backflow devices. Call for inspections when installation is complete.
- RPZ and PVB devices are required to be tested by a certified backflow assembly tester at the time of installation, repair, or relocation, and annually thereafter. All test results, date, and tester name and number are to be sent to the Woodbury Public Works Department. Publicworks@woodburymn.gov

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Water Meters

- Water meters shall be obtained at Public Works.
- The water meter must be accessible.
- 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. 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.
- Meter horns are allowed but not required. The city does not supply meter horns or pressure reducers.
- The plumber may have water temporarily turned on, after the meter has been installed, 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 laid on a continuous granular bed. All ASTM identification numbers on the pipe are to be on the top for inspection.
- 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.
- 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.
- Copper pipe passing through concrete or other corrosive material shall be sleeved or wrapped with a protective coating.
- All curb stops, manhole covers and similar items must be at finished grade. When curb stops or sewer cleanouts are located in the driveway, approved monument frames with lid are to be used over the cap.