

- C. Existing Sewer Conditions. Old building sewers may be used in connection with new buildings only when they are found, upon examination by the Building Official, to meet all requirements of this Chapter.
- D. Separate Sewers. A separate and independent building sewer shall be provided for every building. Where one building stands at the rear of another on an interior lot and no building sewer is available or can be constructed to the rear building through an adjoining alley, court, yard, or driveway, the front building sewer may, if approval is received from the Building Official in advance, be extended to the rear building sewer and the whole considered as one building sewer. The City does not assume any obligation or responsibility for damage caused by or resulting from any such single connection. A separate clean out shall be required for each building.
- E. City Inspection. The applicant for the building sewer permit shall notify the City when the building sewer is ready for inspection and connection to the public sewer. The connection of the building sewer into the public sewer shall conform to the requirements of the State of Minnesota Building and Plumbing Code or other applicable rules and regulations of the City. The connection and testing shall be made under the supervision of the Building Inspection Department. Any deviation from the prescribed procedures and materials must be approved by the Building Official prior to installation
- F. Excavation. All excavations for building sewer installation shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the Council. The applicant shall comply with all provisions of the City's right-of-way ordinance.
- G. Variances. Variances from the strict application of any of the provisions of this Section may be permitted by the Council, if it is satisfied that special circumstances or conditions exist affecting the premises for which the variance is requested and that the granting of such variance will not adversely affect the health, safety and welfare of the citizens and property of the City.

## **SECTION 608.01. BUILDING SEWER CONSTRUCTION REQUIREMENTS.**

All building sewer construction requirements shall conform to the requirements of the State of Minnesota Building Code except as amended in this Section. In the absence of code provisions or in amplification thereof, the materials and procedures set forth in appropriate specifications of the American Society for Testing Materials ("ASTM") and Water Pollution Control Federation ("WPCF") Manual of Practice No. 9 shall apply.

**Subd. 1. Materials.** All pipes shall comply with the State Building Code.

**Subd. 2. Joint and Connections.** Type of joints shall comply with the State Building Code .

**Subd. 3. Alignment.** No building sewer shall contain bends or a combination of bends which at any point shall be greater than 45 degrees, and no more than four bends, regardless of angle, shall be permitted in any single building sewer; except where manholes are constructed at such points and in manner as directed by the Building Official. No building sewer shall be laid parallel to any bearing wall or footing unless further distant than three feet from any such bearing wall or footing. No connection sewer shall be laid within 20 feet of any well. If no cleanout is provided then one with a minimum 4 inches opening must be provided outside of the house within three feet of the foundation or before the first bend. On long runs a cleanout must be provided each 75 feet.

**Subd. 4. Excavation.** All excavations shall be open-trench work unless otherwise authorized by the Building Official. The foundation in the trench shall be formed to prevent any subsequent settlement of the pipes. If the foundation the pipe is to be laid on is good and firm, the earth shall be pared and molded to give a full support to the lower third of each pipe. Bell holes shall be dug to provide ample space for pouring of joints. Care must be exercised in backfilling below the center line of the pipe in order to give it proper support. Backfilling shall not be done until the Section to backfill has been inspected and approved by the City inspector.

**Subd. 5. Use of Old House Sewers.** All sewer connections shall be made directly to the pipe outlet from the building served provided the pipe outlet is an approved material under the Minnesota State Building Code. No cesspool or septic tank shall be connected to any portion of a building sewer that is also laid across or over any existing cesspool or septic tank. The existing cesspool or septic tank shall first be pumped clean and filled with granular material to the surrounding ground level, except that if the septic tank is needed for subsurface drainage, the Building Official may allow continued use for this purpose. Where a building sewer is laid across or over any existing cesspool or septic tank materials approved pursuant to the Minnesota State Building Code and those conforming to the ASTM Standard Specification A-74-42 shall be used for that portion of the connecting sewer which is laid across or over the existing cesspool or septic tank, and if interposed in a polyvinyl chloride sewer pipe, the cast iron soil pipe shall be of the same diameter as the plastic pipe.

**Subd. 6. Connections at Stub Only.** Every building sewer shall be connected to the City system only at the stub provided for the property served by the connection except where otherwise expressly authorized by the Building Official. Stubs have been provided for each separate structure and all connections to the public sanitary sewer shall be made to such stubs. In the event that the stub which has been installed cannot be used, then the property owner shall pay the full cost of making the connection elsewhere. In the event it becomes necessary to install a wye branch, this shall be done by installing a polyvinyl chloride wye on the existing pipe and carefully cutting an opening in the pipe with an approved saw. The wye shall be installed by the use of solvent and held in place with two stainless steel clamps. Any other methods of making connection to the main sewer shall be subject to approval of the Building Official.

**Subd. 7. Tunneling.** Tunneling for distances of not more than 6 feet, or to such a length that it may be serviced with a single length of cast iron pipe but not more than 20 feet in length,

is permissible in yards, courts or driveways of any building site. When pipes are driven, the drive pipe shall be at least one size larger than the pipe to be laid.

**Subd. 8. Cover.** The minimum cover over building sewer connections shall be 6 feet in order to prevent freezing. Where 6 feet is not practical at the building then 6 feet shall be attained as soon as possible. All such connections must be approved by the Building Official before work commences. Wherever possible the cover shall be maintained by 7 feet.

**Subd. 9. Size, Slope, Materials and Placement.** The size, slope, alignment, materials of construction of a building sewer, and the method to be used in excavating, placing of the pipe, jointing, testing, and backfilling the trench, shall all conform to the requirements of the State Building Code and other applicable rules and regulations. Whenever possible, the building sewer shall be brought to the building at an elevation below the basement floor. In all buildings in which any building drain is too low to permit gravity flow to the public sewer, such building drain shall be provided with a lifting device by an approved means and discharged to the building sewer.

**Subd. 10. City Inspection.** Employees of the City shall be allowed to inspect the work at any stage of construction and, in any event, the applicant for the permit shall notify the City when the work is ready for final inspection and no underground portions shall be covered before the final inspection is completed. The connection shall be made under the supervision of the Building Official or his or her designee.

**Subd. 11. Barriers and Restoration.** All excavations for building sewer installations shall be adequately guarded with barricades and lights so as to protect the public from hazards. Streets, sidewalks, parkways and other public property disturbed in the course of work shall be restored at the property owner's expense in a manner satisfactory to the Building Official.

## **SECTION 609.01. STORM WATER DRAINAGE UTILITY.**

**Subd. 1. Establishment.** The City hereby establishes a storm water drainage utility, pursuant to Minnesota Statute § 444.075, from which revenues will be derived subject to the provisions of this Section and Minnesota Statutes. The storm water drainage utility shall be operated as a public utility and will be part of the street, sewer and park department and shall be supervised by the Council.

**Subd. 2. Finance.** For the purpose of paying the cost of building, constructing, reconstructing, repairing, enlarging, improving, or in any other manner obtaining the facilities or any portion of them, or administering the City's storm drainage system, the City may issue and sell general or special obligations in accordance with Chapter 475 of the Minnesota Statutes. These obligations may be payable from any of the sources as set forth in Minnesota Statute § 444.075, Subd. 2 which include, but are not limited to, those revenues derived by the utility as set forth below.