

## **CHAPTER 8-1 SEWER BUILDERS, CONNECTIONS**

### **8-1-1 CONNECTIONS**

No unauthorized person(s) shall uncover, make any connections with or opening into, use, alter, or disturb any public sewer or appurtenance thereof without first obtaining permission from the Wastewater Superintendent.

### **8-1-2 SEWER PERMITS**

There shall be two (2) classes of building sewer permits: (a) for residential and commercial service, and (b) for service to establishments producing industrial wastes. In either case, the owner(s) or his agent shall make application on a special form furnished by the City. The permit application shall be supplemented by any plans, specifications, or other information considered pertinent in the judgment of the superintendent. A permit and inspection fee of (25.00) dollars for a residential, commercial or industrial building sewer permit shall be paid to the City at the time the application is filed.

### **8-1-3 CONNECTION COSTS**

All costs and expenses incidental to the installation and connection of the building sewer shall be borne by the owner(s). The owner(s) shall indemnify the City from any loss or damage that may directly be occasioned by the installation of the building sewer.

### **8-1-4 MATERIALS USED IN SEWER CONNECTIONS**

The size, slope, alignment, materials of construction of all sanitary sewers including building sewer, and the methods to be used in excavating, placing of the pip, jointing, testing, and backfilling the trench, shall all conform to the requirements of the building and plumbing code or other applicable rules and regulations of the City. In the absence of suitable code provisions or in amplification thereof, the materials and procedures set forth in appropriate specifications of the A.S.T.M. and W.P.C.F. Manual of Practice No. 9 shall apply.

### **8-1-5 BUILDING DRAIN: DIMENSION OF HOUSE**

No house or building drain shall be less than four inches in diameter.

### **8-1-6 DRAINS AND TRAPS**

Every house or building drain shall be trapped with a running trap of the same size and material as the drain, and if within the house or building the trap shall be provided with a hand hole for convenience in cleaning; no connections shall be made with the drain on the street side of said trap.

**8-1-7 GREASE TRAPS**

A proper grease trap or catch basin shall be provided for all hotels, restaurants, boarding houses, laundries, garages, butcher shops, lard rendering establishments and all other places where the Superintendent of Waterworks may direct.

**8-1-8 CONNECTION WITH CESSPOOL**

No connection from any cesspools or privy vault shall be made with any sewer or drain pipe.

**8-1-9 CONNECTION WITH PUBLIC SEWERS**

All connections with the public sewers shall commence from the sewer's end and be laid towards the house or building, and the grade of said connection shall not be less than one inch in horizontal per lineal foot of sewer, which said sewer shall be laid to conform to practical grade, and in no case shall there be a break in the grade or in the alignment of the sewer line between the connection and the property line of the property served. In no case shall any connections be laid in the same trench with or nearer than two feet to water, gas or service trench with or nearer than two feet to water, gas or service pipes of any other character. Prior to making any excavation for the laying of any sewer line to connect with a public sewer in any street, the sewer builder shall, at the time of making application for permit, ascertain from the Water and Sewer Department the location and depth of any water main located in such street any excavation within one foot of said water main shall be by hand and no machine digging or trenching shall be done when the excavation comes within a one foot proximity to such water main.

**8-1-10 INSPECTION**

New sewer mains installed by a developer or private party must be video camera checked and viewed by the Sewer Superintendent before the City will assume any responsibility.

**8-1-11 OPENINGS FOR SEWER CONNECTIONS**

All openings for the purpose of tapping the sewer shall be made from the top of the street down and extend the whole line of said connection, and all persons tapping sewers as above shall return the earth taken there from, said earth to be packed by tamping and the street left in as good condition as before said work was begun.

**8-1-12 REPORT OF SEWER BUILDER**

The applicant for the building sewer permit shall notify the superintendent when the building sewer is ready for inspection and connection to the public sewer. The connection and testing shall be made under the supervision of the superintendent of his representative.

**8-1-13 PROPERTY OUTSIDE CITY LIMITS: USAGE CHARGES**

Any property outside the corporate limits of the City which is now or may hereafter be connected to the sanitary sewer system of the City shall pay for the use of such sewer facilities, the rates provided.

**8-1-14 NATIONAL PLUMBING CODE**

All provisions of the National Plumbing Code adopted in Chapter 3-4 of this Code, insofar as said code relates to sewers, shall govern and take precedence over this chapter and in the event that any provisions of this chapter conflict with said National Plumbing Code, the provisions of said code shall govern.

Authority: SDCL 9-33-4.1