

SECTION 02760 – Sanitary Lateral Repairs

PART 1 - GENERAL

1.1 GENERAL

- A. This section covers all work necessary for repairing sanitary laterals to determine the watertightness, connections, alignment, grades and locations of service.
- B. No authorized person shall uncover, make any connections with or opening into, use, alter, or disturb any sanitary sewer or appurtenance thereof without first obtaining a written sanitary lateral repair permit from the Utility. The Owner or his representative shall make application on a special form furnished by the Utility. The permit application shall be supplemented by any plans, specifications, or other information considered pertinent in the judgment the Utility.
- C. All sanitary lateral repairs shall be replaced from the point of the repair back to the house. If no check valve is in place, then it will be required that a clean-out/check valve be installed. The size of the clean-out/check valve will be determined by the size of the existing pipe.

PART 2 – PRODUCTS

- 2.1 Reference WPWD Standards Section 02731.

PART 3 – EXECUTION

3.1 GENERAL

- A. All costs and expenses incident to the installation and connection of the building sewer shall be borne by the Owner. The Owner shall indemnify the Utility and designee from any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer.
- B. A separate and independent building sewer shall be provided for every building.
- C. Old building sewers may be used in connection with new buildings only when they are found upon examination and tested by the Utility and/or designee, to meet all requirements of these Standards.
- D. The size, slope, alignment, materials of construction of a building sewer, and the methods to be used in excavating, placing of the pipe, jointing, testing, and

backfilling the trench, shall all conform to the requirements of the WPWD Standards Section 02731.

- E. All new sewer pipe shall be gasket SDR 26 or SDR 35 with gasket fittings equal to the schedule of pipe used.
- F. 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 sanitary sewer, sanitary sewage carried by such building drain shall be lifted by an approved means and discharged to the building sewer.
- G. No person shall make connection of roof downspouts, exterior foundation drains, areaway drains, sump pumps, or other sources of surface runoff or groundwater to a building sewer or building drain which in turn is connected directly or indirectly to a sanitary sewer.
- H. The connection of the building sewer into the sanitary sewer shall conform to the requirements of these Standards.
- I. All connections shall be made gastight and watertight and the connection of a building sewer to the sanitary sewer main, at places where no wye or tee has been provided, it shall be at the discretion of the Utility or designee on how to proceed. Any deviation from the prescribed procedures and materials must be approved by the Utility or designee before installation.
- J. The applicant for the sanitary lateral repair permit shall notify the Utility and/or designee prior to the start of excavation, connection to the sewer, and backfilling. The connection shall be made by or under the supervision of the Utility and/or designee. An inspection shall be required of the repair prior to backfilling by the Utility or designee. The applicant shall contact Customer Service 24 hours prior to requested inspection.
- K. All excavations for sanitary lateral repair 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 City.
- L. All sanitary lateral repairs shall be televised in accordance with WPWD Standards Section 02750. The contractor shall provide the Utility and/or designee a digital copy of the televised line prior to and after completion.

3.2 Special Circumstances

A. Fernco Adapter

1. The only time a Fernco Adapter shall be approved is when connecting to a clay pipe. New sewer connection to existing clay laterals shall be made with a Fernco adapter wrapped with plastic, concreted, providing a watertight connection.

END OF SECTION 02760