

# Town of Raynham, Massachusetts

558 South Main Street, Raynham, MA 02767  
ph: 508.824.2707

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## Article II - Building Sewers and Connections

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#### Building Sewers and Connections

**Section. 1.** No unauthorized person shall uncover, make any connections with or opening into, use, alter, or disturb any public sewer or appurtenance thereof without first obtaining a written permit from the Superintendent. Any person proposing a new discharge into the system or a substantial change in the volume or character of pollutants that are being discharged into the system shall notify the Board of Sewer Commissioners at least forty-five (45) days prior to the proposed change or connection.

**Section. 2.** 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 or his agent shall make application on a special form furnished by the Town. 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 (see fee schedule) for a residential or commercial building sewer permit and (see fee schedule) for an industrial building sewer permit shall be paid to the Town at the time the application is filed.

**Section. 3.** All costs and expenses incidental to the installation and connection of the building sewer shall be borne by the Owner. The Owner shall indemnify the Town from any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer.

**Section. 4.** A separate and independent building sewer shall be provided for every building, except where one building stands at the rear of another or an interior lot and no private sewer is available or can be constructed to the rear building through an adjoining alley, courtyard, or driveway, the building sewer from the front building may be extended to the rear building such that the buildings will share a common building sewer.

**Section. 5.** When any building, or other structure previously served by a connection to any public sewer is demolished, destroyed, abandoned, or altered so that any drain or portion of an abandoned plumbing system which is directly or indirectly connected to any public sewer is no longer used and is no longer connected to the drainage system of the building or structure, the open end of such drain which discharges, directly or indirectly, into a public sewer shall be promptly closed and sealed off so that no water or waste not otherwise permitted to enter the public sewer or drain shall be so discharged therein. The Superintendent shall be notified of such abandonment or discontinuance and all sealing of building sewers shall be done by Town personnel, to the satisfaction of the Superintendent. At some future time the old building sewers may be used in connection with new buildings only when they are found, on examination and test by the Superintendent to meet all requirements of this by-law.

**Section. 6.** The size, slope, alignment, and materials of construction of a building sewer, and the methods to be used in excavating, placing of the pipe, jointing, testing, backfilling the trench, and connecting to the public sewer shall all conform to the requirements of the building and plumbing code or other applicable rules and regulations of the Town. 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 and Materials (A.S.T.M.) and Water Pollution Control Federation (W.P.C.F.) Manual of Practice No. 9 shall apply. Minimum size shall be 6" for single family dwelling and such larger size for multiple family dwelling or other type of building as the Superintendent or his agent may determine. Minimum slope shall be 1.67 feet per 100 feet and/or as required by the Superintendent. Connection to sewers shall be made only with a "Y" branch or Chimney. The minimum distance of a building sewer from a water line shall be 10 feet and from a water supply well shall be 50 feet. Where sewer lines cross water lines, they must be constructed of durable corrosion resistant materials with watertight joints preferably below water lines. Sewer lines crossing other pipes should have a minimum separation of 12 inches with a sand "cushion" between the pipes. Pipe material shall meet the approval of the Superintendent.

**Section. 7.** 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, sanitary sewage carried by such building drain shall be lifted by an approved means and discharged to the building sewer.

**Section. 8.** No person shall make connection of roof downspouts, exterior foundation drains, areaways drains, or other sources of surface runoff or ground water to a building sewer or building drain that in turn is directly or indirectly connected to a public sewer.

**Section. 9.** Building sewers and connections shall be made only by drain layers licensed to perform such work in the Town. Application forms for drain layers shall be annually on January 1 completed and approved by the Board of Sewer Commissioners. ~An application fee of (*See Fee Schedule*) shall be deposited at the time of application.

**Section. 10.** Each drain layer shall be responsible for the faithful performance of all work performed under the license or permits issued to it or him or to the owner and for the conduct of all work and all materials furnished on work by his or its employees or agents. No work shall be sublet by a drain layer under any permit issued under such license in any manner to divest said drain layer of full control and responsibility for all parts of said work. Only competent men shall be employed on work performed under such license and only suitable material conforming to the standards established by the Superintendent shall be furnished or used on such work.

**Section. 11.** Should the Board of Sewer Commissioners find that any drain layer has failed to conform to the requirements of this by-law and to the conditions of any permit issued thereunder, or that such drain layer has not been faithful in the performance of work or furnishing of materials under his license, the Board may suspend, cancel, or revoke such license and/or permit, or may extend the suspension of such license and/or permit for such period, or limit the activities of such drain layer in such manner as may appear to be to the public interest. Suspension, cancellation, or termination of a permit shall not entitle the permittee to any compensation or reimbursement from the Town or its agents for any alleged loss or expense incurred thereby, and licenses and permits shall be issued only on this condition.

**Section. 12.** 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 Superintendent shall be notified not less than forty-eight (48) hours in advance of the time any connection is to be made to any public sewer and such connection shall be made only in the presence of said Superintendent or his agent and then only when it has been determined that the building sewer has been constructed in accordance with this by-law and is free from excessive groundwater seepage or other sources of extraneous flow as listed in Article II, Section 8 above.

**Section. 13.** The Superintendent shall maintain detailed records of all public sewers in the Town and of the locations of "Y" connections and service pipes. This information shall be available for use by all drain layers but at their risk as to the accuracy of the same. In addition records shall also be maintained by the Superintendent concerning all connections to the public sewer for use by the Tax Assessor, other Town or District authorities and future property owners. All persons concerned shall assist the Superintendent in securing data needed for such records.

**Section. 14.** It is the intention of this By-law that all connections of building sewers to the public sewer shall be made at the owner's property line. If, for any reason, installation of pipe or other means of connection to the public sewer is required between the owner's property line and the public sewer, such work shall be carried out by the Town at a reasonable charge to the owner to be determined by the Board of Sewer Commissioners.

**Section. 15.** Sewers and appurtenances may be extended or constructed by developers, property owners, or groups of property owners at their own cost, as a private sewer, providing the plans, specifications, design, materials of construction and size are prepared by a licensed engineer and filed with and approved by the Superintendent. Such proposed construction shall comply in every way with the requirements of this by-law and by prior agreement, once constructed, inspected, tested and accepted by the Superintendent, such sewer shall be deeded to the Town without qualifications. All easements for such sewers shall be obtained in the name of the Town and meet the requirements of the Superintendent for the construction of such private sewers shall include, but shall not be limited to the following:

(1) The minimum size of sanitary sewers shall be 8". The minimum slope shall be such that a minimum velocity of 2 feet per second is maintained with the pipe flowing full based on Manning formula and maximum velocity of 10 feet per second under the same criteria. Sewers shall normally be laid in straight lines with bends, turns or pipe intersections occurring only within an approved manhole structure. Leakage tests shall be performed and shall the standard requirements set forth by the Superintendent. Manholes, sewers, and appurtenances shall meet in all respect the design standards, size, construction methods and tests conforming with the Water Pollution Control Federation Manual of Practice No. 9, and standards set forth by the Superintendent. Materials of construction shall conform to the American Society of Testing Materials or in the absence of such standards to accepted commercial standards. The Board of Sewer Commissioners shall make interpretation of any conflict of any of the above standards.

(2) Any settlement over the sewer in any street or public way within one year after such sewer is laid shall be repaired at the expense of the developer or owner of the property authorized to install such sewer and he shall be required to post a bond to cover the cost of any accident or damage which may occur in consequence of the laying of such sewer during the time the trench is open and for such period of one year after the sewer is laid.

(3) Excavations in streets or rights-of-ways, protection, traffic control, backfilling and pavement replacement shall meet the standards and requirements of the Police Chief and Highway Department for local streets and the State of Massachusetts Department of Public Works for State roads.

**Section. 16.** 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 Town.