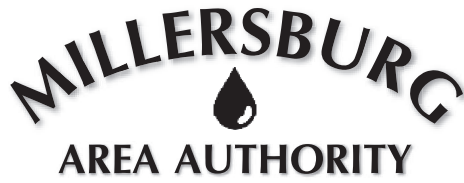


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SANITARY SEWER SERVICE CONNECTIONS

- I. Supervision – No sewer connection or disconnection shall be made except under permit after payment of such fee as is hereinafter prescribed and under the supervision, control and approval of the Authority. In addition to all other connections and disconnection, the provisions of this section shall apply to connection and disconnection of mobile homes to the system including connections to the system where another mobile home had been placed.
- II. Service Lines – Service lines not already installed shall be constructed according to the specifications of the Authority and of the materials hereinafter prescribed from the water main to the property line **at the expense of the property owner**.
- III. House Connections – House connections from the service lateral to the building shall be installed by the property owner at his expense according to the specifications of the Authority and of the material hereinafter prescribed.
- IV. Pipe Material and Size – All service laterals and all house connections from the building to the main sewer hereinafter installed, shall have permanently tight joints as specified herein, a minimum of one eighth (1/8) inch per foot, unless permitted otherwise, best possible alignment, proper bedding and adequate cover as specified herein. They shall be constructed of an approved type of pipe in accordance with the latest revisions of the American Society for Testing and Materials as hereinafter set forth.
 - a. Service Laterals – Polyvinyl chloride (PVC, ASTM D3034) SDR35 pipe no less than four (4) inches inside diameter with attached rubber gasket joint. Minimum wall thickness shall be SDR35.
 - b. House Connection –
 - i. Polyvinyl chloride (PVC) pipe as specified under IV-a.
 - ii. Service weight cast iron pipe (ASTM A74) no less than four (4) inches in internal diameter with O-ring joint (ASTM C564)
 - iii. The Owner shall furnish and install an appropriate adapter to connect the building sewer to the lateral. The Owner must make sure that adequate traps and vents are installed in the building sewer and interior plumbing to prevent potentially dangerous sewer gases from entering any structures on the improved property.
 - iv. The Owner may install clean outs in the building sewer line as they see necessary.
 - v. When connections to the main are made where there is no existing Y-branch or Tee, then the connection must be made by the use of a saddle specifically manufactured for connection to the existing sewer main material. The material and method of installation shall be examined by the Authority before the start of work and the entire installation shall be inspected before the line connection is made and covered.
- V. Lines in Filled Ground – Where ground has been filled in, or in wet places, only service weight cast iron pipe or other approved pipe fully encased in concrete shall be used. All pipe shall be as specified under IV-b-ii.



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- VI. Trenching and Bedding – Trenches shall be a maximum total width of 12” plus the outside diameter of the pipe to permit proper installation of the pipe. This dimension shall hold for a distance of one (1) foot above the top of the pipe. The trench shall be backfilled to grade with sand or fine gravel placed in layers of six inches maximum depth and compacted after each placement. Where rock is encountered in trenching, it shall be removed to a point at least three inches below the grade line of the trench and the trench shall be backfilled to pipe grade with 2RC stone tamped in place except when PVC pipe is used, then sand or ½” clean stone shall be used so as to provide a uniform bearing for the pipe between joints. Care shall be exercised to see that the pipe does not rest on rock at any point including joints. If soft materials of poor bearing quality are found at the bottom of the trench, stabilization shall be achieved by over-excavating at least two pipe diameters and bringing up to grade with fine gravel, crushed stone or a concrete foundation. Such concrete foundation shall be bedded with sand tamped in place so as to provide bearing for the pipe between joints. In all cases the Authority’s Engineer shall make the final determination as to rock or soft material within the trench.

House connections shall be installed at a minimum depth of 30 inches below final grade at all points. Service laterals shall be installed at a minimum of 42 inches below existing street grade. If the depth of the pipe shall exceed fourteen (14) feet at any point approval of the Authority Engineer must be obtained concerning the type of bedding used. Until the crown of the pipe is covered by at least two feet of tamped earth considerable care shall be exercised in backfilling trenches. Loose earth free of rocks, broken concrete, frozen chunks of soil and other rubble shall be carefully placed in the trench in six-inch layers and tamped in place. Care shall be taken to thoroughly compact the backfill under and beside the pipe to be sure that the pipe is properly supported. Backfill shall be brought up evenly on both sides of the pipe so that it retains proper alignment.

Replacement of any paving removed during installation shall be in accordance with the applicable municipal specifications as outlined in the applicable municipal Highway Occupancy Permit.

- VII. Inspection - The construction of service laterals and house connections shall, at all time, be subject to inspection by a representative of the Authority, and shall conform to the authority’s specifications. NO sewage shall be discharged into the main collection lines through newly constructed service laterals and house connections until the inspector has given approval to cover and signed the permit. The first two inspections shall be covered by the connection. Additional inspections shall be invoiced as prescribed in the Fee Schedule.

** NOTE **-Sanitary Sewage Only-** The sewage system is intended to convey sanitary sewage only. No roof drainage, surface water, waste from outside hydrants or ground water from underground drainage field shall be permitted to drain into the sewer system.