

Low Pressure Sewer Connection Review & Installation Procedures

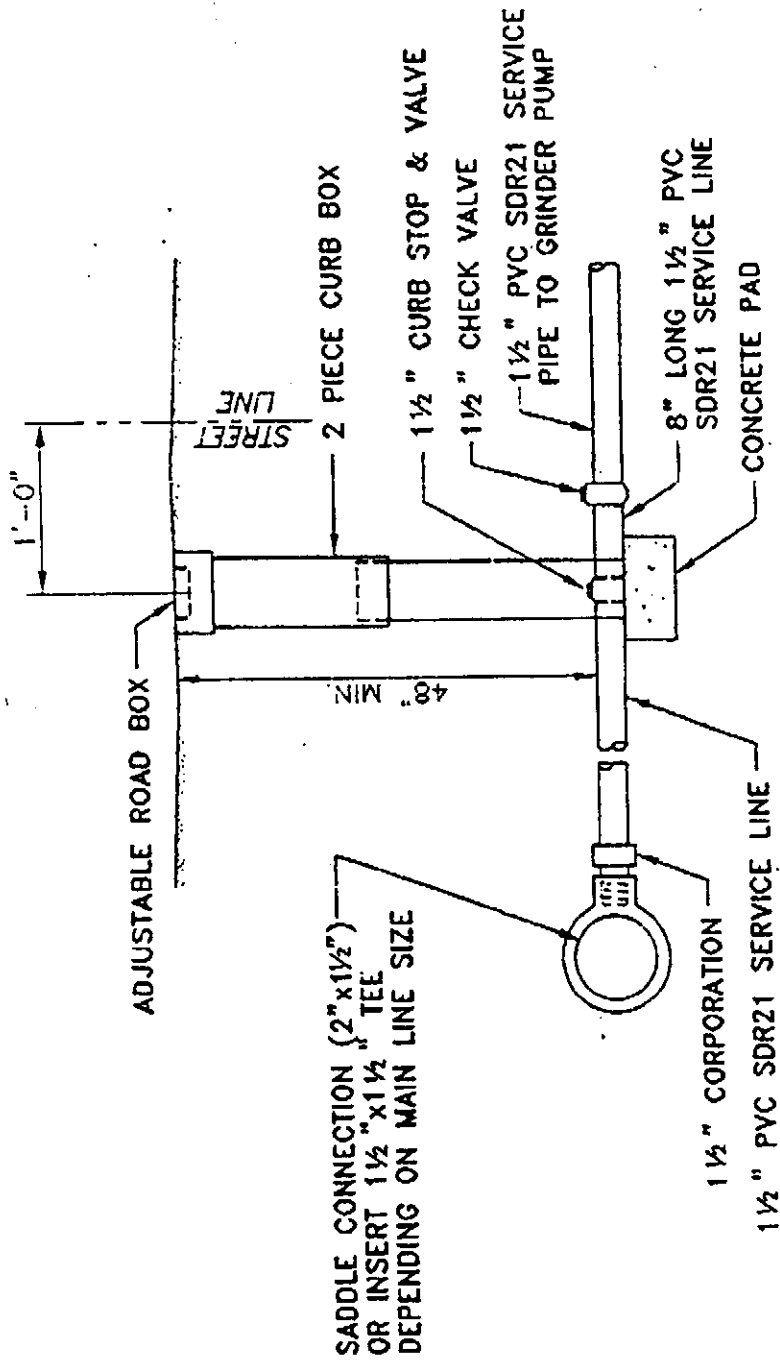
Board of Water and Sewer Commissioner Williamsburg, Massachusetts

1. All new or proposed service connections to low pressure sewers shall conform to the Williamsburg Sewer Use Regulations.
2. Sewer connection procedures associated with low pressure sewers outlined herein are intended to clarify procedures and not contradict information contained in the Williamsburg Sewer Use Regulations. Connection procedures discussed herein pertain to new connections to the low pressure sewer system and do not pertain to service connections installed to serve an existing home that has already been provided a grinder pump and service connection.
3. The lot owner must submit a complete Sewer Application permit to the Williamsburg Sewer Commission. The permit application must include a plan of the proposed sewer service connection including lot number and connection point to the low pressure sewer. The house service pipe shall be 1 ½ inch SDR 21 PVC pipe and shall include a gate valve and check valve installed on town property adjacent to the property line. A sketch is attached that more clearly identifies sewer connection details.
4. Applicants must recognize that a connection to a low pressure sewer system is somewhat unique. The following stipulations shall pertain to new connections to the low pressure sewerage system.
 - a. Applicants are responsible for all costs associated with the installation of the system on private property as well as for the connection of the system to the low-pressure sewer system in the street. In addition, the low-pressure system must be compatible with the overall requirements of the municipal sewerage system. If your system is not compatible with the Town's systems, it may not function properly.
 - b. Applicants or the homeowners are responsible for the operation and maintenance of the sewerage system. As an example, the Williamsburg Board of Water and Sewer Commissioners will not maintain your grinder pump or service the system installed on your property. You will need to contact your own plumber for repairs and parts.
 - c. One grinder pump shall be installed for each building lot. The pump can be installed in the basement of the proposed structure provided all local and State Code requirements are followed.
 - d. The grinder pump shall be capable of pumping nine (9) gallons per minute against a total dynamic head of sixty (60) psi (139 feet). The grinder pump should contain a check valve on the discharge pipe within

the pump chamber and should also include an alarm system to notify the owner of operating problems.

- e. A Certified Sewer Installer and Licensed Plumber shall be used to install the system. The Williamsburg Board of Water Sewer Commissioners defines a Certified Sewer Installer as a contractor that is licensed by the Board and carries appropriate Town required insurance.
 - f. The applicant or property owner shall be responsible for all costs that may be incurred by the Town to repair damage that the Williamsburg sewerage system incurs that is attributable to the connection of a privately owned grinder pump to the municipal sewerage system.
5. The Williamsburg Board of Water and Sewer Commissioners shall own, maintain and operate the gate valve installed on Town property on the house service connection when the service installation is complete and properly tested. The service connection shall only be permanently activated by the Board and shall not be activated until the Board has inspected the connection and received a written confirmation letter from the Williamsburg Highway Department that the road repair work, including trench pavings, is acceptable. In addition, a service connection Record Plan and/or Service Card must be prepared with all appropriate information and submitted to the Board in a format equal to the card information that is currently maintained by the sewer department.
6. If deemed appropriate by the Williamsburg Board of Water and Sewer Commissioners and based on site specific conditions that the Board may become aware of, the Board may stipulate additional service connection requirements that are necessary to protect the municipal sewerage system.

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**LOW PRESSURE
SEWER SYSTEM CONNECTION**

SCALE: NONE

SEWER CONNECTION DETAIL

LOW PRESSURE SEWER CONNECTION
BOARD OF WATER & SEWER COMMISSIONERS
WILLIAMSBURG, MASSACHUSETTS

TIGHE & BOND INC. CONSULTING ENGINEERS
WESTFIELD, MASSACHUSETTS

DATE: MAY 2000

SCALE: NONE

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