Village of Maryville
Sewer Lateral Requirements

The Village of Maryville sewer inspections will start at 5 feet from the foundation of the building. The first 5 feet shall be inspected by the Illinois Department of Public Health and meet their requirements.
It is your responsibility to take care of this.

Village Requirements after 5 Feet from the Foundation

1. Sewer Lateral Pipe shall be SDR 35, or better quality, and have a gasket.

52.057 CONSTRUCTION STANDARDS.

A) Acceptable pipe materials for conveying sanitary sewage.

1) Polyvinyl chloride pipe.

All polyvinyl chloride (PVC) plastic pipe shall conform to accepted current standards and specifications such as (ASTM) D 3034 standard specification, Type PSM polyvinyl chloride (PVC) sewer pipe fittings, DR (Dimension Ratio) 35, except four-inch which shall be SDR 33.5, ASTM D 3212 standard specifications for sewer joints using elastometric seals. Pipe and fittings shall be made from clean rigid poly (vinyl chloride) compounds and chlorinated poly (vinyl chloride) compounds, having physical properties and chemical resistance of cell classifications for pipe of 12454-B, 12454-C or 13364-B, and cell classifications for fittings of 12454-B, 12454-C or 13343-C, conforming to ASTM resin specifications C 1784. All pipe shall have an integral and homogeneous bell end provided with a flexible gasket seal which is in compliance with the requirements of ASTM C 3139 or ASTM D 1869. Lubricant for joining pipe shall be NSF approved.

2. The building drain pipe shall connect to the building sewer by a joint using elastometric seals and not solvent cement.

3. A clean out is required to meet the requirements set by the Illinois Plumbing Code and is inspected by the Illinois Department of Public Health's Inspector. If the total distance of pipe is more than 300 feet then another clean-out is required every 300 feet. The clean-out shall be 6 inch or larger, meet the above pipe requirements for the Village of Maryville and will by inspected by the Village of Maryville.

4. Granular Base Required: Select granular back (CA-7) crushed stone shall be installed the full depth over and under all sewer laterals.

3. The rock shall be installed 2 inches under the pipe and 3/4 of the way up the pipe prior to calling for an inspection. All fittings shall be visible from outside of the trench prior to and during the inspection.

4. Requesting an inspection shall be made to the Village Water Clerk, 345-7029 ext. 2321 at least 24 hours in advance for when the installation will be ready to be inspected. The person requesting the inspection shall provide the Water Clerk with following:
    i. Name
    ii. Name of the company
    iii. Call back number
    iv. Subdivision lot number or Street Address

7. After the installation has passed inspection the rest of the rock shall be placed on top of the pipe for a minimum cover of 3 inches. If the roadway is disturbed during installation the trench shall be filled all the way to the top with CA 7 rock, just in the roadway, and the roadway returned to normal condition (blacktop, concrete, ect.).

8. It will be the responsibility of the contractor to establish that there is a three foot drop from the point where the lateral leaves the building to where it reaches the sewer main, as required by the village.

52.059 ELEVATION.

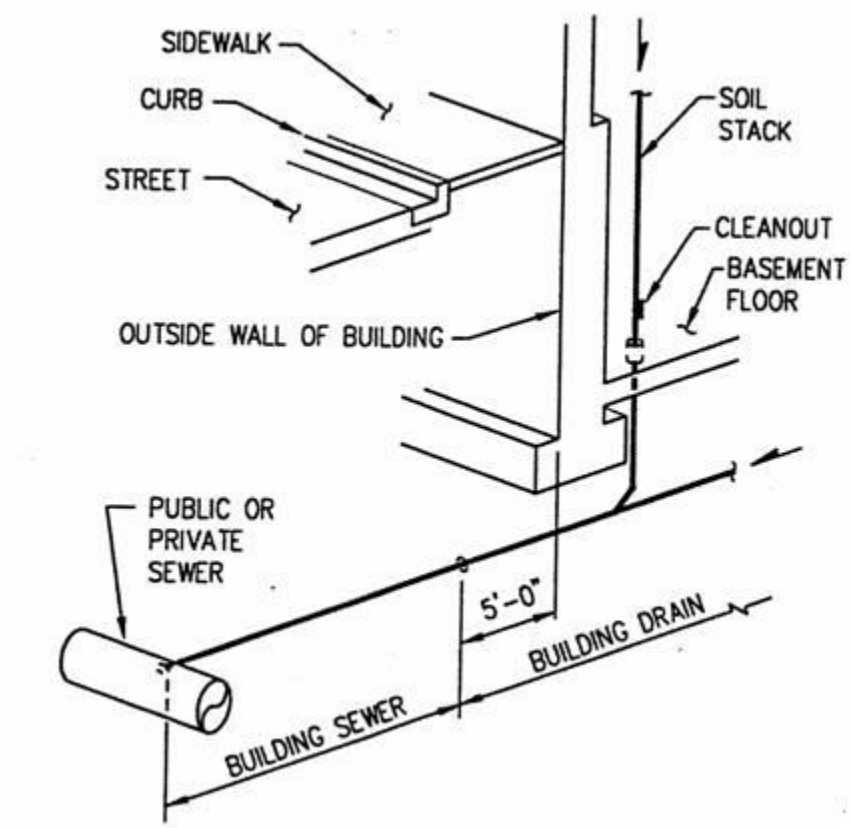
A) Whenever possible, the building sewer shall be brought to the building at an elevation below the basement floor.

B) In all buildings in which any building drain is too low to permit gravity flow to the public sewer, which is defined as having a vertical distance of less than 3 feet from the top of the sewer line to the lowest flow elevation or basement flow elevation shall require sanitary sewage carried by the building drain to be lifted by a means which is approved in accordance with § 52.052 and discharged to the building sewer.

Section 890.APPENDIX B Illustrations for Subpart A

Section 890.ILLUSTRATION F Building Drain

(Referenced in Section 890.120, Definition of "Building Drain.")



Inspected by Illinois Department of Public Health

"Building Drain": That part of the lowest horizontal piping of a drainage system which receives the discharge from soil, waste, and other drainage pipes inside the walls of the building and conveys it to the building (house) sewer. The building drain's developed length terminates 5 feet outside the building foundation wall. (See Appendix B: Illustration F.)

Inspected by Village of Maryville

"Building Sewer": That part of the horizontal piping of a drainage system which extends from the end of the building drain, receives the discharge of the building drain and conveys it to a public sanitary sewer or private sewage disposal system. The building sewer commences 5 feet outside the building foundation wall. (See Appendix B: Illustration F.)