



Building Department
98 E. Third St.
Manteno, IL. 60950
Phone 815-929-4803
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SUMP PUMP & FOOTING TILE CONNECTION

BUILDING PERMIT

A building permit is required **before** construction begins

CONTRACTOR LICENSING

All contractors who work in the Village must be licensed.

Inspections Required:

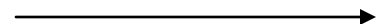
- Trenches and connections are **not to be backfilled** until an inspection is made by the appropriate Village inspector.

Pipe Size and Material:

- The pipe used shall be a four inch (4") diameter PVC pipe with a minimum rating of SDR 35 ASTM 3034.

Pipe Installation:

- No water from footing tiles or basement sumps shall be pumped onto the ground surface. Such water shall be discharged directly into the storm sewer.
- Sump services are not to cross side lot lines.
- Two or more homes are not allowed to connect to a common service.
- Pipe installation and coupling shall be done in accordance with the pipe manufacturer's recommendations.
- Four inches (4") of CA-7 material shall be used as bedding for the pipe.
- Backfill CA-7 material to twelve inches (12") above pipe in areas over two feet (2') away from existing or proposed pavements, driveways, or sidewalks.
- Any pipe installed under or within two feet (2') of an existing or proposed pavements, driveway, or sidewalk shall be backfilled with a minimum of twelve inches (12") of CA-7 material at a one-to-one slope from the edge of the pavement, driveway, or sidewalk to the trench.
- The sump pump discharge line should come out of the house above the ground, and turn downward using an elbow. It should then extend to just above a gravity-receiving pipe that is sticking out of the ground a few inches.
- Discharge piping from the house shall be laid on a uniform grade with a minimum of one percent (1%) slope.



Tap into Storm Sewer Main:

- The tap into the storm sewer main should be made using a “saddle” type connection or a Village-approved equivalent.
- Service lines shall be installed so they do not protrude into the storm main.

Locating Wire Requirements:

- All storm pipes shall require insulated metallic locating wire (10 gauge copper minimum) capable of detection by a cable locator and shall be buried directly against pipe.
- Locating wire shall terminate at the top of each structure or clean out and be capable of extending 6 inches above the final grade.

Downspouts:

- Downspouts for residential usage shall discharge to the ground surface and shall not discharge directly into the storm sewers.
- The discharge location shall be a minimum of five feet (5') from any property line, and five feet (5') from the structure's foundation.
- All efforts shall be made to direct the runoff water to flow over the property in question as long as possible, rather than diverting the flow to a neighboring property.

Construction - Repairs to Public Walk and/or Driveway Apron:

- Required materials shall be a base course of IDOT gradation CA-6, CA-7, or CA10 stone, four inches (4”) in thickness, and Class SI Portland Cement Concrete, four inches (4”) in thickness. Stone base course shall be in place and properly compacted before inspection.
- **BAGGED CONCRETE MIX IS NOT ACCEPTABLE.**