

Village of Wheeling - Storm Sewer Notes

1. Storm sewer pipes in public right-of-way shall be reinforced concrete pipe as described in Section 550 of the Standard Specifications for Road and Bridge Construction. Any other storm pipe material in public right of way must be approved by the Village Engineer prior to installation.
2. Storm sewer pipes on private property may be PVC SDR-26, DIP, or RCCP. Other pipe material may be used with prior approval by the Village Engineer.
3. Minimum diameter of storm sewer shall be 12” unless approved otherwise.
4. No storm water shall be discharged to the sanitary sewer system.
5. All storm structures are to have open (grate) lids unless specified as having closed lids (C.L.). All closed lids shall have the words “Village of Wheeling - Storm” casted in it as per standard detail.
6. Rim grades for storm sewer structures located within the curb and gutter are flow line elevations. Elevations of flared end sections shall be interpreted at the invert of the flared end section.
7. A maximum adjustment of twelve inches (12”) or three (3) concrete adjusting rings will be permitted for any structure.
8. Inlets shall be connected to a storm sewer after flowing through a catch basin and shall not discharge directly to the storm sewer.
9. All manholes shall be Type A with a minimum inside diameter of 48 inches.
10. All downspouts, footing drains, and outside drains shall discharge to the storm sewer or over ground as approved by the Village of Wheeling.
11. All sump pump drain tile discharges shall be routed to the storm sewer system. Sump pump service connections shall be four (4) inch PVC SDR 26 conforming to ASTM D2751 or ASTM D3034 at a minimum slope of 2% and shall be air gapped. Minimum cover shall be two (2) feet, wherever possible.
12. All interior floor drains must discharge to the sanitary sewer.
13. All objectionable waste containing grease, fats and/or oils shall discharge to an exterior grease interceptor or grease basin, with “water-tight” covers, before discharging into the sanitary sewer, including but not limited to restaurant and food preparation facilities. Automatic dishwasher and effluent domestic waste shall not discharge through the grease interceptor.