

DEFINITIONS

Private Storm Sewers: Any storm sewer that is not to be maintained by the City of Wichita. Typically serves one building site. Can serve multiple building sites if a legal document is prepared and recorded specifying the entity responsible for maintenance.

Public Storm Sewers: Any storm sewer not classified as private. Will be maintained by the City of Wichita and must be located on publicly dedicated right of way, easements, or reserves.

Note: During the planning process, it will be important to consider whether these lines will be public or private. Consider not only the immediate development, but also future development that may have a need to extend system.

POLICY

General: Private storm sewers, regardless of size, will not be required to have plans approved by the City Engineer's Office. Building site plans submitted to Central Inspection for building permit purposes will show the size, location and flow line elevations of pipes 10" in diameter and over and inlets connected to them. The certification of plans submitted to Central Inspection will be controlled by the requirements of the Kansas Board of Technical Professions. All public storm sewers will be designed by a registered professional engineer and the plans approved by the City Engineer's Office prior to construction. For the construction of private storm sewers 12" or larger in diameter that are not part of a building construction project, plans must be submitted to and approved by the City Engineer's office.

Drainage Plans: All individual building sites greater than 3/4 acre and all new subdivisions will be required to submit a site drainage plan that is certified by a registered professional engineer. This is not to be confused with certified construction plans. A site drainage plan will show sufficient detail on where storm runoff will drain and will compare runoff volumes to the capacity of proposed drainage structures.

Inspection Requirements: All public storm sewers will be inspected by Public Works or a consulting engineer. All private storm sewers will be inspected by Central Inspection. All connections of private storm sewers to public storm sewers will be inspected by representatives of the Storm Water Utility Division prior to backfilling.

Televising: All private storm sewer 6" in diameter and larger must be televised upon completion. Tapes will be furnished to the City for review prior to final site inspection by Central Inspection. No occupancy certificate will be issued by Central Inspection until the tapes have been reviewed and the private sewer determined to be in good condition. Public storm sewers, with adequate inspection by the City or a consulting engineer during construction, will not require televising. The City reserve the right to require the televising of any storm sewers should conditions warrant.

Water Quality Certification: Prior to the City allowing the connection of any private storm sewer to a public storm sewer, the owner(s) of the building site(s) served by the sewer will be required to certify to the City that non-stormwater discharges will not be allowed into the system. This certification will be submitted to Central Inspection with the building permit application. Only the following non-stormwater discharges are allowed:

1. Landscape irrigation
2. Water line flushing
3. Uncontaminated groundwater (pumped)
4. Foundation drains
5. Airconditioning condensation
6. Dechlorinated swimming pool discharges
7. Residential heat pump discharges