

SHORT SUMMARY

1. The Town requires full Drainage Studies for all new development, unless specifically waived in writing.
2. Appropriate Drainage Studies shall be submitted in concurrence or prior to submittal of the development and/or construction plans.
3. The major storm shall be the 100-year event. During storms of this magnitude no building line infringements are allowed; while streets will remain reasonably accessible for emergency vehicles.
4. The design storm shall be the 10-year event. During storms of this magnitude, no curb overtopping will be allowed. Prior to such overtopping, inlets and associated storm sewers will be designed and constructed. Detailed design of such a system shall subsequently be included in the development plans.
5. Detention will be required for the 10-year and the 100-year events.
6. Controlled discharge from detention areas shall be limited to historical levels for both the 10-year and the 100-year events.
7. Each development proposal shall allow for sufficient areas of detention. Detention by means of collector ditches will be discouraged.
8. Report and associated map formats shall adhere to the outlines provided within this Manual.
9. ACCEPTABLE METHODS Analysis and determination of the amount of flow at various points in the drainage system shall be made by approved systematic and comprehensive methods. The following methods shall be used to verify the adequacy of designs submitted for approval:

Rational Method for simple basins of less than 160 acres.

Urban Hydrograph Method for basins in excess of 160 acres.

Soils Conservation Service Method for basins in excess of 160 acres and/or containing large areas of undeveloped and/or farm land.