

Town of Geneva

Grading and Drainage Plan Review Standards

The following information shall be provided for review by the Town Engineer:

1. Name, address, email address and phone number of owner / developer / applicant.
2. Name, address and phone number or email of individual who prepared the Site Plan.
3. A legal survey showing existing property boundary and right of way information including:
 - Lot lines with dimensions
 - Right-of-way
 - Easements
 - Lot and block numbers
4. All existing topographic and utility information (on Walworth County USGS datum*) on the site and adjacent lands or road right of way shall be shown on the drawing including:
 - Local permanent elevation reference/benchmark.
 - Existing structures.
 - Existing contours
 - Existing roadside ditch and side yard swale flow line locations and elevations.
 - Elevation of 100-year floodplain (if applicable).
 - Power poles or underground utility pedestals.
 - Roadway edge of pavement and centerline elevations. Show shoulder if applicable.
5. All proposed improvements including:
 - Buildings footprint including proposed Top of Foundation elevation and any steps in foundation or look-out/walk-out elevations.
 - Garage footprint and Garage Floor Elevation.
 - Driveway location with proposed dimensions (and material if known).
 - Driveway culvert location, size (minimum 15") and pipe material.
 - Driveway elevation at right-of-way line and/or at the low point at top of culvert.
Driveway apron shall slope downward from roadway edge of pavement to low point over driveway culvert at slope approximating 2% (1/4" per foot).
 - Driveway slope from culvert to Garage. Slope shall not exceed 15%.
 - Retaining wall locations, top of wall and bottom of wall elevations (if applicable).
 - Proposed contours
 - Drainage direction arrows
 - Swales and ditches with bottom elevations.
 - Temporary and permanent erosion controls per Walworth County Chapter 26 requirements. Silt fence as a minimum.
6. Provide (reduced size) architectural elevations/ floor plans if multiple levels/exposures.
7. Copy of Walworth County zoning permit.

* Town Engineer can provide benchmark information on sanitary manholes.