



# Storm Water Management Plan Site Plan and Lot Grading Checklist Residential and Large Farm Buildings

## Storm Water Management Plans are Required for the Following

- Single family dwelling on rural Property
- Single family dwelling in a Suburban Residential (SR) zone
- Single family dwelling construction on an infill lot
- Farm buildings (barn, greenhouse, mushroom barn, etc.) 10,000 square feet or larger

## 1 General Requirements

Two sets of plans (1 full size drawing and one reduced on 11" x 17") are required and must contain the following:

- Standard Township Drawing Sheets (A1 size, 22" x 34"), including Township Title Bar
- Benchmark information in title bar
- Township project number in title bar (if applicable)
- Owner/Engineer address, phone number, and email in title bar
- Engineer's seal (signed and dated) in title bar
- Dimension all lot lines
- North arrow
- Road names
- Civic address in title block
- Site location plan (1:5,000 or 2,500), top right
- Storm Water Management legend
- Lot area, building, and driveway area(s)
- Existing and proposed building footprint, driveway, parking, storage, and other impermeable surfaces

## 2 Storm Water Management / Lot Grading

- Show adjacent properties surface flow direction
- If on-site detention is required, the Engineer must include design calculations showing the pre- and post-development peak flows and the detention volumes required to store the difference
- Show 1.0m contours or spot elevations on-site and +/- 10m off-site
- Show existing and proposed elevations at all lot corners
- Note minimum building elevation (0.35 above 100 yr HGL)
- Cross section may be required if fill is brought on as part of the building permit application
- Percolation rates when applicable, for "rock pit" exfiltration designs, 25mm in \_\_\_\_\_ minutes.
- Storm Water Control Manhole to meet TLD 01 drawing standard, in the Subdivision and Development Servicing Bylaw, if applicable

Please note that it is the sole responsibility of the owner/agent to ensure that they have reviewed the project requirements and provided all applicable information on the storm water management plans. Additional information may be requested during the plan review process.