

ORDINANCE 2011-13

AN ORDINANCE OF THE TOWNSHIP OF CHATHAM, COUNTY OF MORRIS, STATE OF NEW JERSEY, AMENDING THE LOT GRADING ORDINANCE

BE IT ORDAINED by the Township Committee of the Township of Chatham, County of Morris, State of New Jersey, that the Code of the Township of Chatham, 1995, is hereby amended as follows:

1. Chapter XXX, Land Development, Article 7, Zoning Regulations, Section 30-96.20, Lot Grading Plans, is hereby amended as follows:

30-96.20.h.7 On-Site Storm Water Management. The applicant shall establish adequate measures for on-site storm water management, including BMPs, meeting the following requirements:

- i. The peak rate of the runoff from the site following completion of the development shall be reduced to 50% and 75% of the predevelopment rates for the 2-year and 10-year storms, respectively. The post-development peak rate of runoff for the 100-year storm shall not exceed that which existed prior to development. Every practicable effort shall be made to minimize any increase in volume and to maintain and/or improve the quality of runoff which existed prior to development. Stormwater runoff rates and volumes are to be computed in accordance with Chapter 5 of New Jersey Department of Environmental Protection's Stormwater Best Management Practices Manual.
- ii. Maximum use shall be made of presently existing storm water runoff control devices, mechanisms or areas such as existing berms, terraces, grass waterways, favorable hydrologic soils, swamps, swales, watercourses, woodlands, flood plains, as well as any proposed retention structures.
- iii. The plans shall avoid the concentration of flow and shall provide for dissipation of velocities at all concentrated discharge points.
- iv. For calculating runoff and controls, the applicant may use the Soil Conservation Service Method or the Rational Method depending upon which is more appropriate in the particular instance. Computations shall cover the 2-, 10-, and 100-year storm frequencies.
- v. All outfalls are to be designed in a manner to retard velocities at the outfall and provide stream channel protection.
- vi. Due consideration shall be given to the relationship of the subject property to the natural or established drainage pattern of the watershed(s) of which it is a part.
- vii. The use of conservation restrictions is encouraged.
- viii. Surface water runoff shall generally not be transferred from one watershed to another.
- ix. All water carrying structures and/or retention areas shall be completed and stabilized prior to diversion of water to them.

- x. Innovative stormwater runoff control and recharge devices, such as rooftop storage, drywells, cisterns, roof drain infiltration trenches, and rain gardens are encouraged provided they are accompanied by detailed engineering plans and performance capabilities.
 - xi. The on-site stormwater management measures shall be coordinated with any required soil erosion and sediment control plan.
 - xii. Design and construction of drywells shall comply with New Jersey Department of Environmental Protection's Stormwater Best Management Practices Manual.
 - xiii. Nonstructural stormwater management strategies as are set forth in N.J.A.C. 7:8-1 et seq. shall be incorporated into the stormwater management plan whenever possible.
- 2. All other provisions of Section 30-96.20 shall remain unchanged
 - 3. This ordinance shall take effect as provided by law.

Introduced: May 26, 2011
Adopted: June 9, 2011

TOWNSHIP OF CHATHAM, COUNTY
OF MORRIS, STATE OF NEW JERSEY

Attest:

BY: _____
Nicole Hagner, Mayor

Gregory J. LaConte, Clerk