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Proposed Amendment

6.11 Erosion and Sediment (E&S) Control Plan

Whenever plans for the proposed development show that it will result in the disturbance of more than one-half acre of land, the applicant will submit with the site plan an ~~e~~**Erosion and s**~~Sediment e~~**Control p**~~Plan~~ **(E&S Plan)** that presents, in mapped and narrative form, the measures to be taken to control erosion and sedimentation both during and after construction. ~~The E&S plan shall be based on "Connecticut Guidelines for Soil Erosion and Sediment Control", available from the Council on Soil and Water Conservation of the Connecticut Department of Environmental Protection.~~ **The E&S Plan shall be developed using the principles outlined in the Connecticut Guidelines for Soil Erosion and Sediment Control (2002), as amended. The E&S Plan shall result in a development that minimizes erosion and sedimentation.**

A single-family dwelling that is not a part of a subdivision of land shall be exempt from this regulation.

~~Exemption: Construction of a single family dwelling that is not part of a subdivision of land shall be exempt.~~

6.11-1 ~~The E&S Control Plan shall include the following:~~ **The Erosion and Sediment Control Plan shall include the following:**

A. Narrative

The narrative shall be specific to the project and shall include, but not be limited to:

~~A. A description of the project and construction activities and a schedule of the major activities to be conducted on the land, including the sequence of major improvements phases such as clearing, grading, paving, installation of drainage features, utilities and the like to ensure that erosion and stormwater controls are in place prior to any land disturbance such as site grading, roadway, and building construction. (Eff: 5/1/03)~~

~~B. Location of areas to be regraded, disturbed, or stripped of vegetation, contour data indicating existing and proposed grades, and location of wetlands and watercourses.~~

~~C. Location, design and timing of temporary and final soil erosion and sediment control measures, such as, but not limited to, phasing of construction, haybale dikes, sediment fence, diversions, waterways, stabilization structures, sediment and~~

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~~debris basins, seeding, sodding, revegetation plans, and specifications for all unprotected or unvegetated areas and the like.~~

~~D. The design criteria used in the design of control measures.~~

~~E. A description of procedures to be followed to maintain sediment control measures. The plan shall consider and follow the format and outline as described in Chapter 4, Requirements for Soil Erosion and Sediment Control Plans, of the "Connecticut Guidelines for Soil Erosion and Sediment Control" (January 1985 as revised).~~

1. A description of the development

2. A schedule for grading and construction activities for each phase which includes at a minimum:

(a) start and completion dates

(b) sequence of grading and construction activities including the sequence for initial clearing and grading of the site for access and for utility construction.

(c) sequence for installation and or application of soil erosion and sediment control measures

(d) the sequence for final stabilization of the project site

(e) name and contact information of person responsible for implementation of the E&S plan

3. The design criteria for proposed E&S control measures and storm water management facilities

4. The installation and/or application procedures for proposed E&S control measures and storm water management facilities

5. The operation and maintenance program for proposed E&S control measures and storm water management facilities.

B. Plan

The Plan shall be at a sufficient scale and shall include, but not be limited to, the following:

1. The location of the proposed development and adjacent properties

2. The existing and proposed topography including the location of wetlands, watercourses, flood zones, floodways, exposed ledge and other natural and manmade features

3. The proposed alterations including cleared, excavated, filled or graded areas, proposed structures, utilities, roads, driveways, parking areas, and storm water facilities.

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- 4. The location of and design details for all proposed E&S control measures and storm water management facilities**
- 5. The sequence of grading and construction activities and temporary stabilization measures**
- 6. The sequence for installation of E&S control measures**
- 7. The construction details for proposed E&S control measures and storm water management facilities**
- 8. An erosion control plan for initial clearing and grading that includes material processing area, stockpile area, clearing limit lines, temporary sediment control measures, and deposition of excess material, boulders and stumps**
- 9. The sequence for final stabilization of all areas of the site**
- 10. For sites with high soil erodability, steep slopes, having a cumulative disturbed area of greater than 5 acres or located within a public water supply watershed, a more complex erosion control plan may be required by the Planning Commission. This plan may include, but not be limited to, the requirement to phase the development, limitations on the amount of soil exposed at any given time, seasonal limitations for construction or certification of the E&S plan by a Certified Erosion Control Professional.**

6.11-2 After review of the E&S ~~Control~~ Plan by the **Planning** Commission or its designee, the **Planning** Commission shall ~~vote to~~ certify that the plan is in compliance with these regulations. ~~(A vote of the Commission to approve a site plan shall imply certification of the E&S plan as well).~~ **Certification shall be included in the Planning Commission's vote to approve a site plan or to approve a site plan with modifications. Site development shall not begin unless the E&S Plan is certified and those control measures in the plan scheduled for installation prior to site development are installed, functional and have been inspected by Office of Planning and Development staff. This certification shall be accomplished by the Zoning Commission only in the case of applications for a special permit to fill or remove earth products in accordance with Section 7.1-10, inclusive.**

6.11-3 The **Planning or Zoning** Commission, **as applicable**, through its members, agents or consultants shall periodically inspect construction projects for which site plans have been approved to verify that E&S controls **devices are properly installed and maintained**. ~~are consistent with the certified plan.~~ **The Commission may require the developer to verify through progress reports that E&S control measures have been installed according to the certified plan and are being properly operated and maintained.**

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- 6.11-4 **The Planning or Zoning Commission, as applicable, may require that a bond be posted in a form acceptable to the Commission in an amount adequate to ensure the installation and maintenance of erosion and sediment control devices as shown on the certified E&S plan.** ~~The bond required for site plan improvements shall also cover the costs of E&S control measures prescribed by the E&S plan.~~