

PART OF

SOIL EROSION AND SEDIMENT CONTROL PLAN

APPLICATION NO. _____

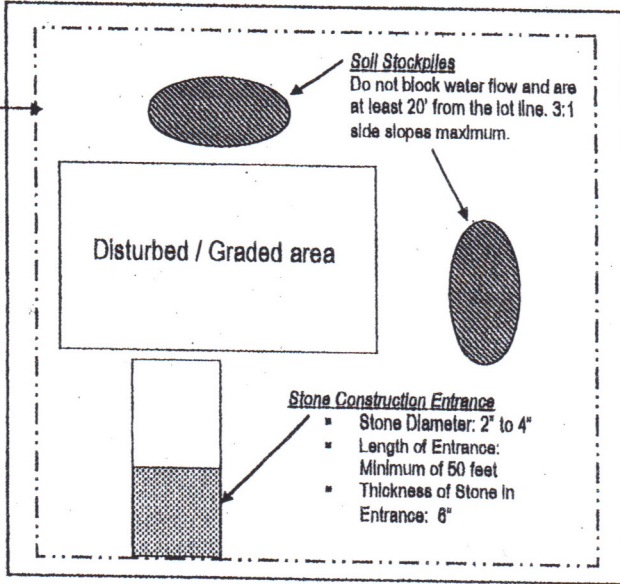
BURLINGTON COUNTY SOIL CONSERVATION DISTRICT



The Soil Erosion and Sediment Control Plan for a Land Disturbing Activity

Silt Fence

To be installed around the perimeter of the disturbed area



Paved Street

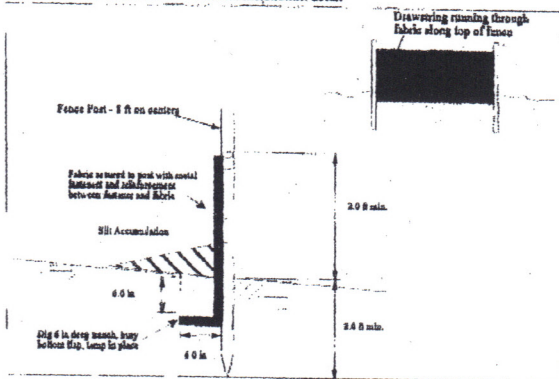
Construction Sequence

Approximate Time in Man-hours:

- 1) Install stone construction entrance and silt fence around lot (See provided details). One (1) Day.
- 2) Perform land disturbing activity. Two (2) Days.
- 3) Provide appropriate temporary or permanent stabilization for all disturbed areas. Two (2) Days.
- 4) Notify the Burlington County Soil Conservation District by letter requesting a Compliance Inspection.
- 5) Remove all temporary erosion controls once all areas have been permanently stabilized.

Soil Erosion and Sediment Control Details

Figure 25-2 Silt Fence construction and installation detail



- 1) Soil Erosion and Sediment Control practices on this plan shall be constructed in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey.
- 2) A copy of the certified soil erosion and sediment control plan must be maintained on the project.
- 3) All erosion and sediment control practices on this plan shall be in place prior to any grading operation and/or installation of proposed structures or utilities and left in place until the area is stabilized.
- 4) Reinforced silt fence, if required, will be installed in accordance with the Standards.
- 5) All soil erosion and sediment control measures will be inspected and maintained on a regular basis and after every storm event.
- 6) The site shall at all times be graded and maintained such that all stormwater runoff is diverted to soil erosion and sediment control facilities.
- 7) A crushed stone tire cleaning pad will be installed wherever a construction access exists. The riprap pad must be 50 feet in length and installed the full width of the entrance. It should be underlain with a suitable synthetic filter fabric and maintained.
- 8) Paved roadways must be kept clean at all times. Any sediment washed, tracked or dragged onto a paved surface will be cleaned immediately.
- 9) If a topsoil stockpile is created, the side slope should be graded 3:1 to minimize the steepness to prevent erosion. Surfaces that will be exposed for more than 60 days shall be stabilized as soon as practicable following the placement of topsoil.
- 10) The District Erosion Control Inspector may require additional control measures to be installed. This includes areas of offsite sediment disturbance.
- 11) Any disturbed area that will be left exposed for more than sixty (60) days and not subject to construction traffic shall immediately receive a temporary seeding and fertilization in accordance with the Standards. If the season prohibits temporary seeding, the disturbed areas will be mulched with salt hay or equivalent and anchored in accordance with the Standards.
- 12) Soils having a pH of 4.0 or less, or containing iron sulfide must be covered with a minimum of 12 inches of soil having a pH of 5.0 or more before seedbed preparation.
- 13) NJSA 4:24-39, et seq. requires that upon permanent site stabilization and completion of construction the contractor shall apply to the Soil Conservation District for a final compliance inspection to check that all the provisions of the certified soil erosion and sediment control plan have been complied with for permanent measures.
- 14) Temporary stabilization with mulch only shall be accomplished by grading the area as needed, or as feasible, and applying straw mulch a rate of 90-115 pounds per 1,000 square feet. Mulched areas must be properly anchored.
- 15) Permanent vegetative cover for soil stabilization shall proceed as follows:
 - All seedbed areas will be graded as needed to facilitate stabilization. Any areas of soil compaction will be scarified prior to topsoil application.
 - Topsoil shall be applied at a uniform depth of 5 inches (unsettled).
 - Fertilizer 10-20-10 shall be applied at a rate of 11 pounds per 1,000 square feet.
 - Lime shall consist of dolomitic limestone and be applied at a rate of 50 pounds per 1,000 square feet, or based on the pH of the soil.
 - A permanent seeding mixture approved by the District Inspector shall be applied at a minimum rate of 4.0 pounds per 1,000 square feet.
 - Mulch is required on all seeding. Straw mulch shall be applied at a rate of 70-90 pounds per 1,000 square feet and anchored in place.
 - It shall be the responsibility of the developer to provide confirmation of lime, fertilizer, and seed application at the request of the Burlington County Soil Conservation District.
- 16) Temporary vegetative cover for soil stabilization shall proceed as follows:
 - All seedbed areas will be graded as needed to facilitate stabilization. Any areas of soil compaction will be scarified.
 - Fertilizer 10-20-10 shall be applied at a rate of 11 pounds per 1,000 square feet.
 - Lime shall consist of dolomitic limestone and be applied at a rate of 50 pounds per 1,000 square feet, or as based on the pH of the soil.
 - Perennial rye grass seed shall be applied at a minimum rate of 1 pound per 1,000 square feet. An alternate seed type may be utilized as approved by the District Inspector.
 - Mulching is required on all seeding. Straw mulch shall be applied at a rate of 70-90 pounds per 1,000 square feet and anchored in place.

The above soil erosion and sediment control guidelines are developed as a courtesy to assist you in assuring that soil erosion problems are minimized. It is incumbent upon the owner to understand and maintain all erosion control measures and to review the approved Soil Erosion and Sediment Control plan prior to any land disturbance on their property.