

AGREEMENT
IN LIEU OF AN EROSION AND SEDIMENT CONTROL PLAN
FOR A SINGLE FAMILY RESIDENCE

In lieu of submission of an erosion and sediment control plan for the construction of this single family dwelling within a subdivision or part of a greater plan of development, with a total disturbed area of less than one acre (43,560 sq. ft.), I agree to comply with any reasonable requirements determined necessary by employees of Rockingham County, Virginia, and shall perform the minimum practices necessary to provide adequate control of erosion and sedimentation on or resulting from this project.

I further understand that failure to comply with such requirements within three working days following notice by the representatives of Rockingham County shall result in citation for violation of the Rockingham County Erosion and Sediment Control Ordinance. *Erosion controls required shall be installed as a first step in the construction process and prior to a request for a footer inspection. Failure to comply will result in a hold on building inspections until remedies are performed.*

I hereby grant the County of Rockingham the right to enter upon this lot periodically to assure compliance, including performing remedial work if the owner/agent fails to comply with directives by the County. I further agree to pay for all costs, including administrative, for such remedial work within fourteen (14) days after receipt of invoices received for such work.

THE LAND OWNER IS ULTIMATELY RESPONSIBLE FOR THE LAND DISTURBANCE OCCURRING ON HIS OR HER PROPERTY.

NOTE: In order to obtain a certificate of occupancy the land owner must satisfy all permanent stabilization requirements. If these requirements cannot be met for any reason the owner has the option to post a \$500.00 bond on the property to be held in escrow. After this bond has been posted the certificate of occupancy will be issued. The bond will remain in place until such a time that permanent stabilization can be achieved. During this time all perimeter controls will remain onsite and must be effective in protecting neighboring properties and waterways from sedimentation. After the site has been permanently stabilized and inspected by county staff the bond will be returned to the owner.

Measures Specified by Plan Approving Authority:

Permanent Stabilization: Areas disturbed will be seeded within 7 days of final grade. If the denuded area is to remain longer than 30 days, it will be temporarily seeded with 60 pounds per acre of annual rye grass. Grading will be accomplished to permit the use of conventional equipment for seedbed preparation, seeding, mulch application and maintenance.

Topsoil will be stockpiled and re-spread 2-4 inches deep before seeding. 10-10-10 fertilizer will be applied at a rate of 1000 pounds per acre. Fertilizer will be worked into the soil during seedbed preparation.

When the area to be seeded has been recently loosened to the extent that an adequate seedbed exists, no additional treatment will be required. However when the area to be seeded is packed, crusted and hard, the top layer of soil shall be loosened by discing, racking or acceptable means before seeding.

Seeding Mixture – KY 31 Fescue - 30 lbs/acre
Perennial Rye - 2 lbs/acre
Ladino Clover - 2 lbs/acre
Ky Bluegrass - 2 lbs/acre

Seed will be uniformly applied with cyclone seeder or hydroseeder. Straw mulch will be applied to ungraveled disturbed areas at the rate of 2 tons per acre with approximately 50% coverage.

Slope Stabilization – Banks shall not be constructed greater than 2:1 slope and shall be stabilized with seed and mulch immediately upon completion of final grading. Erosion control matting is to be used if erosion occurs.

Existing and Constructed Drainage Ways – Shall be maintained or stabilized as soon as possible. When final grading the site it is imperative that existing or required storm water control measures be maintained according to plan.

Stockpiles – Stockpiles will not be placed in such a manner that they will erode and cause sediment release from the site during construction. Stockpiles will be stabilized if left dormant for more than 30 days and will require a silt fence around down slope perimeter.

E&S Controls – Once the roadbed is established, it will be graveled with 2” to 4” crusher run. A construction entrance will be installed at the intersection with the public road. Any sediment that is transported onto public roadways will be removed by shoveling or sweeping at the end of each day.

Silt Fence – Shall be installed and maintained so as to encompass the entire disturbed area unless a variance is obtained from Rockingham County.

Inlet Protection – Shall be installed on all stormwater inlets where disturbed area from permitted site has potential to drain to inlet.

All erosion and sediment control measures will be installed in accordance with the latest edition of the VESCH manual.

Maintenance – The area will be routinely monitored, fertilized and re-seeded as necessary, according to specifications. The access road will be maintained to eliminate erosion problems.

This is to officially notify you of regulation changes in Rockingham County, Virginia. As of July 1, 2008, Rockingham County adopted a Stormwater Ordinance. A copy may be obtained by request.

The Rockingham County Stormwater Ordinance states in Sec. 6C-6 that the County will utilize the policy, criteria and information including specifications and standards of the Virginia State Stormwater Management Handbook for the proper implementation of its requirements.

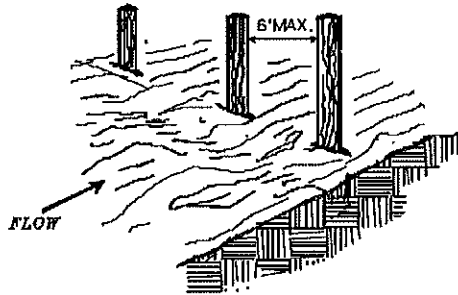
These changes will require any potential pollution sources, such as vehicle fueling, storage of fertilizers or chemicals, sanitary waste facilities, etc., be protected and secured away from any stormwater conveyance channels, receiving waters, basins, etc.

We are notifying you prior to delivery of these products to ensure proper placement of and protection from these chemicals. Portable toilets are to be placed on site securely, where they cannot leak, tip, or be cleaned near stormwater conveyance channels, inlets, systems (basins, traps, etc.) and streams (or other live water course). A cement waste area must be designated on site. This area must be free of inlets, other stormwater structures (basins, etc), stormwater channels/ditches and live water courses. The designated area must provide complete containment for the cement waste. Chute cleanout, extra cement, and any type of cement waste must be disposed of only in the designated area. Any cement waste found outside of the designated area will require mandatory clean up and proper disposal. Portable toilet and cement companies have been notified of this change, but it is ultimately your responsibility as the owner of the property to ensure compliance and clean up if needed.

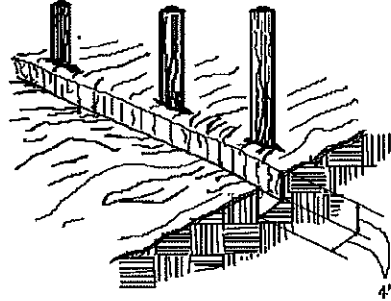
The Rockingham County Stormwater Ordinance will apply to all construction sites that started on/after July 1, 2008.

CONSTRUCTION OF A SILT FENCE (WITHOUT WIRE SUPPORT)

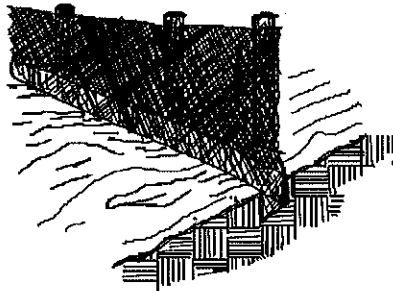
1. SET THE STAKES.



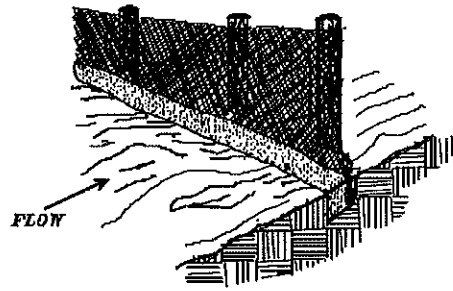
2. EXCAVATE A 4" X 4" TRENCH UPSLOPE ALONG THE LINE OF STAKES.



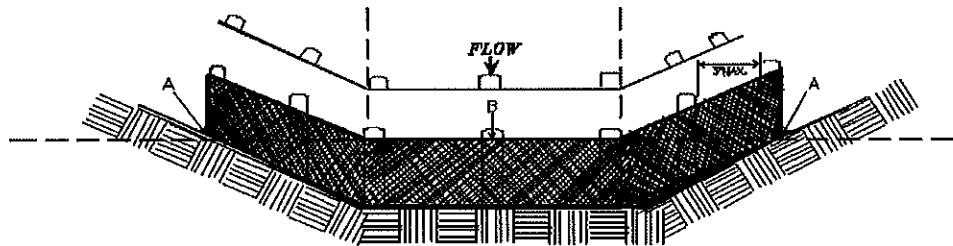
3. STAPLE FILTER MATERIAL TO STAKES AND EXTEND IT INTO THE TRENCH.



4. BACKFILL AND COMPACT THE EXCAVATED SOIL.



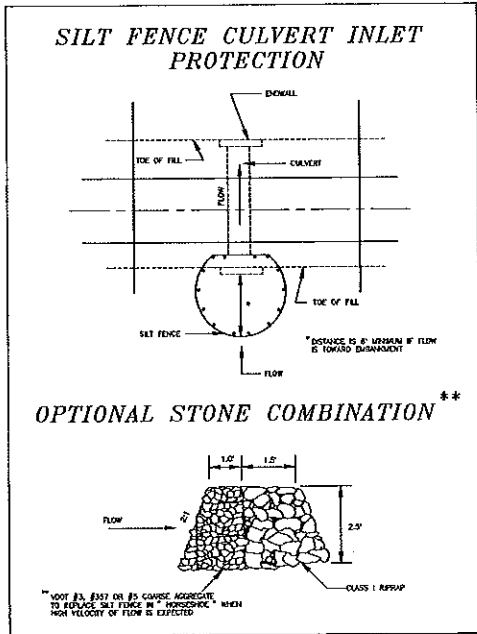
SHEET FLOW INSTALLATION
(PERSPECTIVE VIEW)



POINTS A SHOULD BE HIGHER THAN POINT B.
DRAINAGEWAY INSTALLATION
(FRONT ELEVATION)

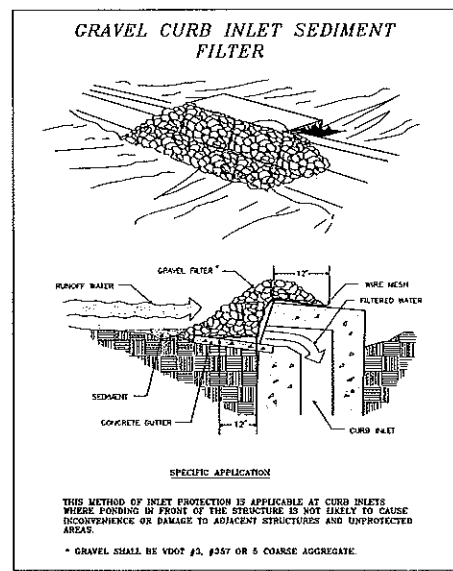
SOURCE: Adapted from Installation of Straw and Fabric Filter Barriers for Sediment Control, VA. DSWC
Sherwood and Wyant

PLATE 3.05-2



Source: Adapted from VDOT Standard Sheets and Va. DSWC

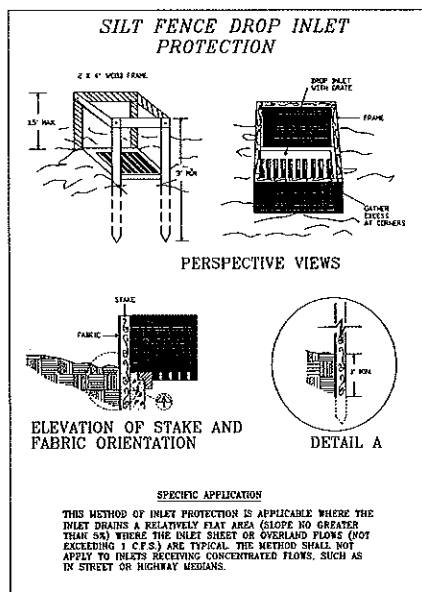
Plate 3.08-1



Source: Va. DSWC

Plate 3.07-6

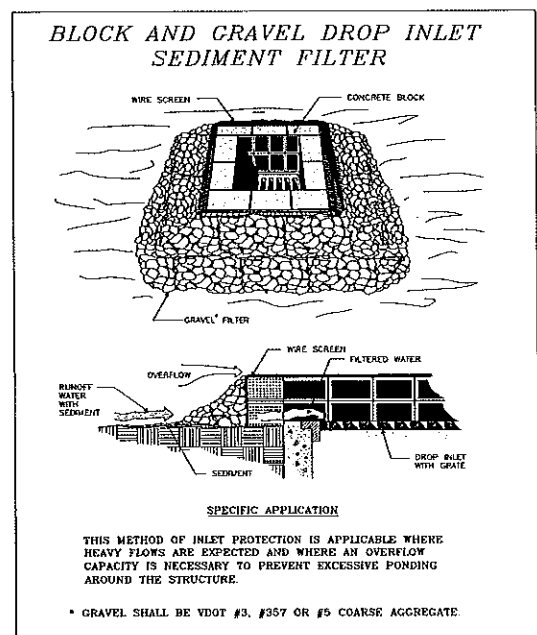
III - 41



Source: N.C. Erosion and Sediment Control Planning and Design Manual, 1988

Plate 3.07-1

III - 35



Source: Va. DSWC

Plate 3.07-3

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By signing the Erosion and Sediment In-Lieu of Agreement, you are agreeing to abide by its regulations as well as the county's new Stormwater Ordinance guidelines.

Site Location: _____

Permit #: _____

Authorized Signature: _____

Please sign and print your name