

**TOWN OF OXFORD**  
**STANDARD EROSION and SEDIMENT CONTROL PLAN**

Permit Number \_\_\_\_\_

Property Location \_\_\_\_\_

Owners Name \_\_\_\_\_ Owners Phone \_\_\_\_\_

Owners Address \_\_\_\_\_

Contractors Name \_\_\_\_\_ Contractors Phone \_\_\_\_\_

Contractors Address \_\_\_\_\_

Project Description \_\_\_\_\_

Total Area To Be Disturbed By Development \_\_\_\_\_ sq. ft. \_\_\_\_\_ cu. yds.

Waterfront Lots – Distance Of Disturbance From Mean High Water, Wetland, Or Free Flowing Stream \_\_\_\_\_ ft.

**INCLUDE/ATTACH A SKETCH ON 8.5" BY 11" PAPER SHOWING PROPOSED WORK AND RELATIONSHIP TO SITE AND SURROUNDING AREA.**

**Certification**

"I certify that I have the authority to make the foregoing application; that the information above and on the attached plan is correct; and that I have the ability to meet all the limitations and conditions set forth by this agreement."

Applicants Signature \_\_\_\_\_ Date \_\_\_\_\_

Approved By \_\_\_\_\_ Date \_\_\_\_\_

This Standard Erosion and Sediment Control Plan May Be Used **ONLY** Instead Of A Detailed Plan For Earth Disturbances **IF ALL OF THE FOLLOWING CONDITIONS ARE MET.**

1. The owner, builder, or developer is not the same owner, builder, or developer of any contiguous lot undergoing development.
2. The undeveloped lot is completely vegetated.
3. No slopes steeper than 3 horizontal units to 1 vertical unit, 33%, will be disturbed.
4. LOTS OVER 2 ACRES – No more than 15,000 square feet of earth will be disturbed and no more than 500 cubic yards of earth movement will occur.
5. LOTS UNDER 2 ACRES – No more than 5,000 square feet of earth will be disturbed and no more than 100 cubic yards of earth movement will occur.
6. No grading will take place within 100 feet of any perennial stream, wetland, or mean high water line of any tidal waters.
7. The attached plat plan shows the proposed development, with arrows indicating the drainage pattern of the site and limits of grading.

In The Event That Any And/Or All Of The Above Conditions **CANNOT BE MET, The Applicant Must Apply To:**

**Talbot Soil Conservation District**

**215 Bay Street**

**Easton Md. 21601**

**(410) 822-1577 (see attached check list)**

**Provisions**

1. Access to the site and this plan shall be available at all times for inspection by the Maryland Department of the Environment/Sediment and Stormwater Administration, and The Town of Oxford.
2. The applicant shall notify the Town of Oxford (410) 226-5740 at least 48 hours prior to clearing or grading.
3. In the event that the applicant fails to provide adequate sediment control according to the provisions of this plan, the Maryland Department of the Environment/Sediment and Stormwater Administration reserves the right to require corrective action.
4. Nothing herein relieves the applicant from complying with any and all other State or County or Municipal regulations.

5. This Standard Erosion and Sediment Control Plan will remain valid for 2 years from the date of approval.

### **Grading**

1. Initial earth disturbances shall be limited to that necessary to install sediment control measures.
2. The permanent driveway or entrance shall be used as a stabilized construction entrance. 2 inch stone shall be placed at least 6 inches deep, 30 feet long, and 10 feet wide. The entrance shall be top dressed as necessary to prevent tracking onto public roads, streets, or right-of-ways.
3. All load bearing fills will be free of organic or other deleterious material and will be compacted. All areas to receive fill will have the ground surface prepared by removing all existing vegetation.
4. At any location where surface runoff from disturbed or graded areas flows off the property, silt fence, stone check dams, or straw bale dikes shall be installed to prevent sediment from being transported off site. Specifications for silt fence, stone check dams, and straw bale dikes are attached to this plan.
5. Swales or other areas that transport concentrated flow shall be sodded or seeded and mulched/matted. Downspouts shall be protected by splashblocks, pipe, or sod.
6. Grading shall not impair existing surface drainage, create an erosion hazard, or create a source of sediment to any adjacent watercourse or property.
7. Final graded slopes shall be no steeper than 3 horizontal units to 1 vertical unit. (33%)
8. All sediment control structures shall be maintained in effective operating condition until the site is permanently stabilized.
9. The applicant bears the continuing responsibility to effectively abate sediment pollution and comply with all other applicable local and state laws.

### **Stabilization**

1. Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within 7 calendar days as to the surface of all perimeter controls, dikes, swales, ditches, perimeter slopes greater than 3:1 (33%) and 14 calendar days as to all other disturbed or redisturbed areas on the project site. In lieu of actual soil test recommendations the following fertilization and seeding recommendations shall be used:

#### Temporary Stabilization

15 pounds/1,000 sq. ft. of 10-10-10 fertilizer or equivalent.

45 pounds/1,000 sq. ft. of pulverized dolomitic limestone.

1 pound/1,000 sq. ft. of Annual or Perennial Ryegrass.

80 pounds/1,000 sq. ft. of straw mulch or jute/excelsior type matting. (installed to the manufactures instructions)

#### Permanent Stabilization

23 pounds/1,000 sq. ft. of 10-10-10- fertilizer or equivalent.

45 pounds/1,000 sq. ft. of pulverized dolomitic limestone.

5-6 pounds/1,000 sq. ft. of Kentucky 31 Tall Fescue or other Certified Lawn Mixture

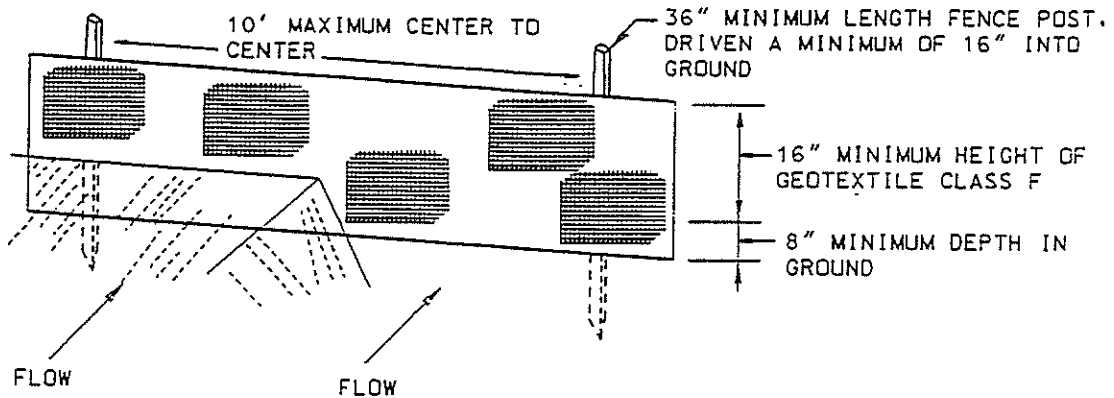
80 pounds/1,000 sq. ft. of straw mulch or jute/excelsior type matting. (installed to the manufactures instructions)

2. Areas of water concentration (driveway, ditches, rainspouts, outlets, drainage swales, etc.) will be stabilized by seeding (with appropriate mulching or matting), sodding, riprap, stone, pipe, concrete, or asphalt as appropriate.

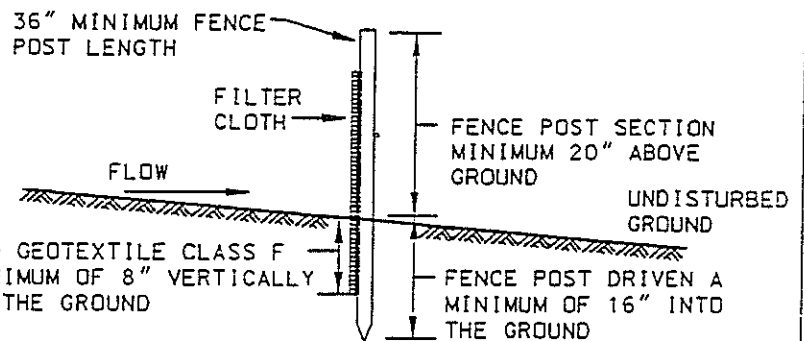
### **Specifications**

For specification regarding silt fence, stone check dam, or straw bale dike use and installation of temporary or permanent stabilization practices, reference the "1994 Maryland Standards and Specifications for Soil Erosion and Sediment Control", or contact the Town of Oxford. (410) 226-5740

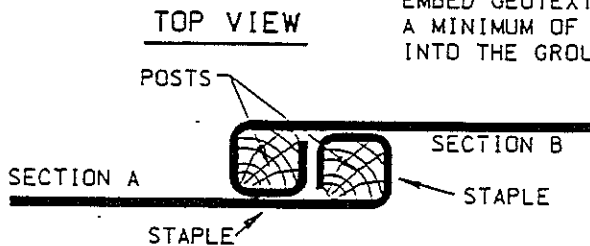
## DETAIL 22 - SILT FENCE



PERSPECTIVE VIEW

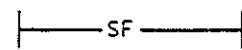


CROSS SECTION



JOINING TWO ADJACENT SILT FENCE SECTIONS

STANDARD SYMBOL

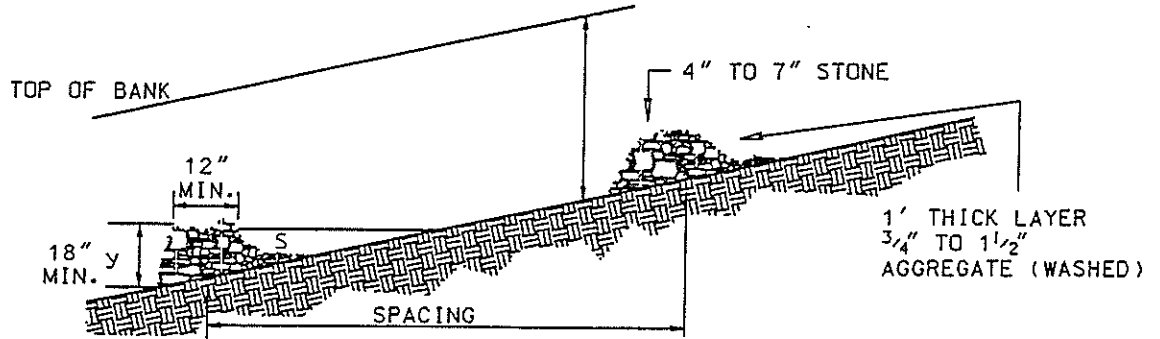


### Construction Specifications

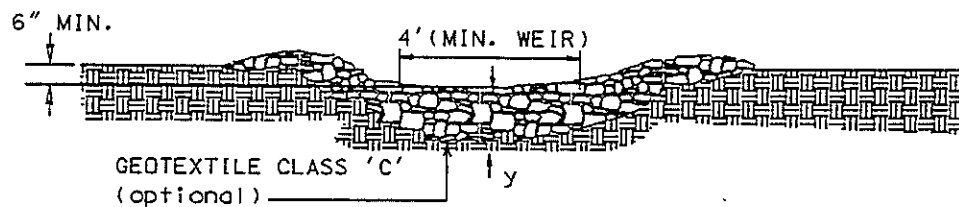
1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1½" x 1½" square (minimum) cut, or 1¾" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pound per linear foot.
2. Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:
 

Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal ft <sup>2</sup> / minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322
3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

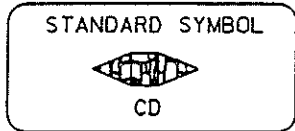
# DETAIL 7 - STONE CHECK DAM



DITCH PROFILE



CROSS SECTION



STANDARD STONE CHECK DAM DESIGN

SLOPE	SPACING
2% or less	80'
2.1% to 4%	40'
4.1% to 7%	25'
7.1% to 10%	15'
over 10%	use lined waterway design

Construction Specifications

1. Swales and ditches shall be prepared in accordance with the construction specifications described in Section A-2, Standards and Specifications for Temporary Swale.
2. The check dam shall be constructed of 4"-7" stone. The stone shall be placed so that it completely covers the width of the channel and is keyed into the channel banks.
3. The top of the check dam shall be constructed so the the center is approximately 6" lower than the outer edges, forming a weir that water can flow across.
4. The maximum height of the check dam at the center shall not exceed 2'.
5. The upstream side of the check dam shall be lined with approximately 1' of  $\frac{3}{4}$ " to  $1\frac{1}{2}$ " aggregate.
6. Accumulated sediment shall be removed when it has built up to  $\frac{1}{2}$  of the original height of the weir crest.

# DETAIL 32 STRAW BALE DIKE

