

EROSION CONTROL DETAIL AND SPECIFICATIONS

Seedbed Preparation: Apply 90 lbs. per 1,000 sq. ft. of pulverized dolomitic limestone and 12 lbs. per 1,000 sq. ft. of 10-10-10 equivalent fertilizer. Harrow or disc on the contour into the soil to a depth of 3 to 4 inches. Continue tillage until a reasonably fine seedbed has been prepared. Sloped areas (greater than 3:1) should be tracked leaving the surface in an irregular condition with ridges running parallel to the contour of the slope.

Seeding: Use Kentucky 31 tall fescue at the rate of 5 to 7 lbs. per 1,000 sq. ft. on a moist seedbed with a minimum coverage of 1/4 inch. Stabilize by mulching with unweathered, unchopped, small grain straw spread at the rate of 1-1/2 to 2 tons per acre. Mulch is to be anchored by asphalt tie-down method. Permanent seeding to be done only between March 1 to May 15 or August 15 to October 15. Temporary seeding (cold season grasses) is to be done between February 15 to April 30 or August 15 to November 30.

Sodding: Use rooted Kentucky 31 tall fescue. Sod shall be transplanted within 36 hours of harvesting. Each strip of sod is to be placed with long edges parallel to contours and staked with at least 2 stakes spaced not more than 2 feet apart.

The regulations, COMAR 26.17.01.07 Application for Approval of Erosion and Sediment Control Plans require the applicant to submit (B)(6)(f) Details of temporary and permanent stabilization measures including:

- (i) The following statement on the plan: "Following initial soil disturbance or redistribution, permanent or temporary stabilization is required within three calendar days as to the surface of all perimeter controls, dikes, swales, ditches, perimeter slopes, and all slopes steeper than 3 horizontal to 1 vertical (3:1); and seven calendar days as to all other disturbed areas on the project site except for those areas under active grading.";
- (ii) Identification of areas requiring accelerated stabilization;
- (iii) Maintenance requirements to ensure that stabilized areas continuously meet the requirements of the "2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control"; and
- (iv) Identification of interior areas of surface mines exempted from stabilization requirements to prevent contamination of the recoverable resource by the stabilization material.

As construction proceeds, additional measures may be employed if conditions warrant, with the Engineer's approval, to ensure effective erosion and sediment control on site.

CERTIFICATES

I certify that all development and/or construction will be done according to this plan of development and plan of silt and sediment control.

Owner/Builder

Date