

CONSTRUCTION OF A SILT FENCE

(WITH WIRE SUPPORT)

TABLE 3.35-A

## ORGANIC MULCH MATERIALS AND APPLICATION RATES

MULCHES:	RATES:		
	Per Acre	Per 1000 sq. ft.	NOTES:
Straw or Hay	1½ - 2 tons (Minimum 2 tons for winter cover)	70 - 90 lbs.	Free from weeds and coarse matter. Must be anchored. Spread with mulch blower or by hand.
Fiber Mulch	Minimum 1500 lbs.	35 lbs.	Do not use as mulch for winter cover or during hot, dry periods.* Apply as slurry.
Corn Stalks	4 - 6 tons	185 - 275 lbs.	Cut or shredded in 4-6" lengths. Air-dried. Do not use in fine turf areas. Appl with mulch blower or by hand.
Wood Chips	4 - 6 tons	185 - 275 lbs.	Free of coarse matter. Airdried. Treat with 12 lbs nitrogen per ton. Do not use in fine turf areas. Appl with mulch blower, chip handler, or by hand.
Bark Chips or Shredded Bark	50 - 70 cu. yds.	1-2 cu. yds.	Free of coarse matter. Airdried. Do not use in fine turf areas. Apply with mulch blower, chip handler, or by hand.

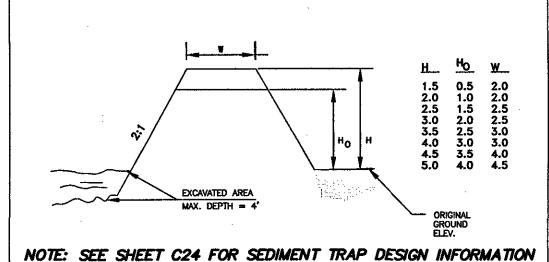
\* When fiber mulch is the only available mulch during periods when straw should be used, apply at a minimum rate of 2000 lbs./ac. or 45 lbs./1000 sq. ft.

Source: Va. DSWC

Plate 3.02-1

MU VA ESCH STD. & SPEC. 3.35

MINIMUM TOP WIDTH (W) REQUIRED FOR SEDIMENT TRAP EMBANKMENTS ACCORDING TO HEIGHT OF EMBANKMENT (FEET)



VA ESCH STD. & SPEC. 3.09

PLATE. 3.13-1

TEMPORARY DIVERSION DIKE Compacted Soil — 4.5' min. —

(TS) (Revised June 2003) TEMPORARY SEEDING SPECIFICATIONS **QUICK REFERENCE FOR ALL REGIONS** APPLICATION RATES APPLICATION DATES SPECIES 50/50 Mix of Annual Ryegrass (lolium multiflorum) & Cereal (Winter) Rye (Secale cereale Annual Ryegrass (Iolium multi-florum) 60 - 100 (lbs/acre) May 1 - Aug. 31 50 (lbs/acre)

**TABLE 3.31-B** 

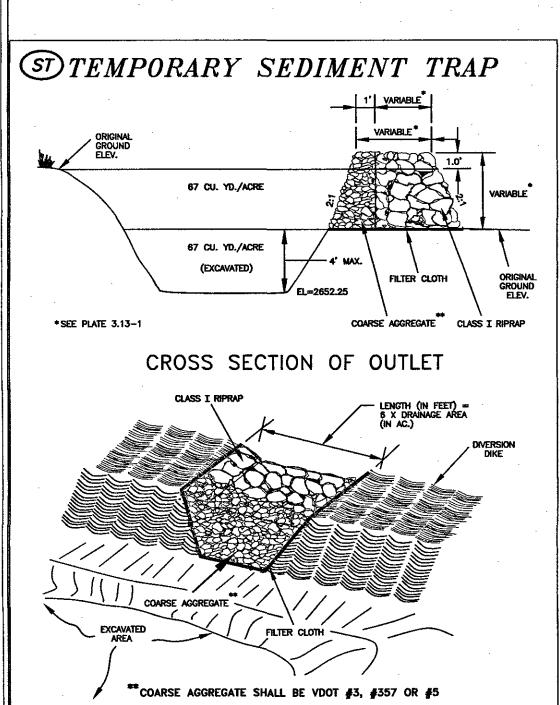
FERTILIZER & LIME Apply 10-10-10 fertilizer at a rate of 450 lbs. / acre (or 10 lbs. / 1,000 sq. ft.)
 Apply Pulverized Agricultural Limestone at a rate of 2 tons/acre (or 90 lbs. / 1,000 sq. ft.)

- A soil test is necessary to determine the actual amount of lime required to adjust the soil pH of site. - Incorporate the lime and fertilizer into the top 4 - 6 inches of the soil by disking or by other means. 3 - When applying Slowly Available Nitrogen, use rates available in <u>Erosion & Sediment Control Technical Bulletin</u> # 4, 2003 Nutrient Management for Development Sites at <a href="http://www.dcr.state.va.us/sw/e&s.htm#pubs">http://www.dcr.state.va.us/sw/e&s.htm#pubs</a>

OV **DIVERSIONS** 10% SETTLEMENT 0.3' FREE BOARD TYPICAL PARABOLIC DIVERSION TYPICAL TRAPEZOIDAL DIVERSION 0.3' FREE BOARD-

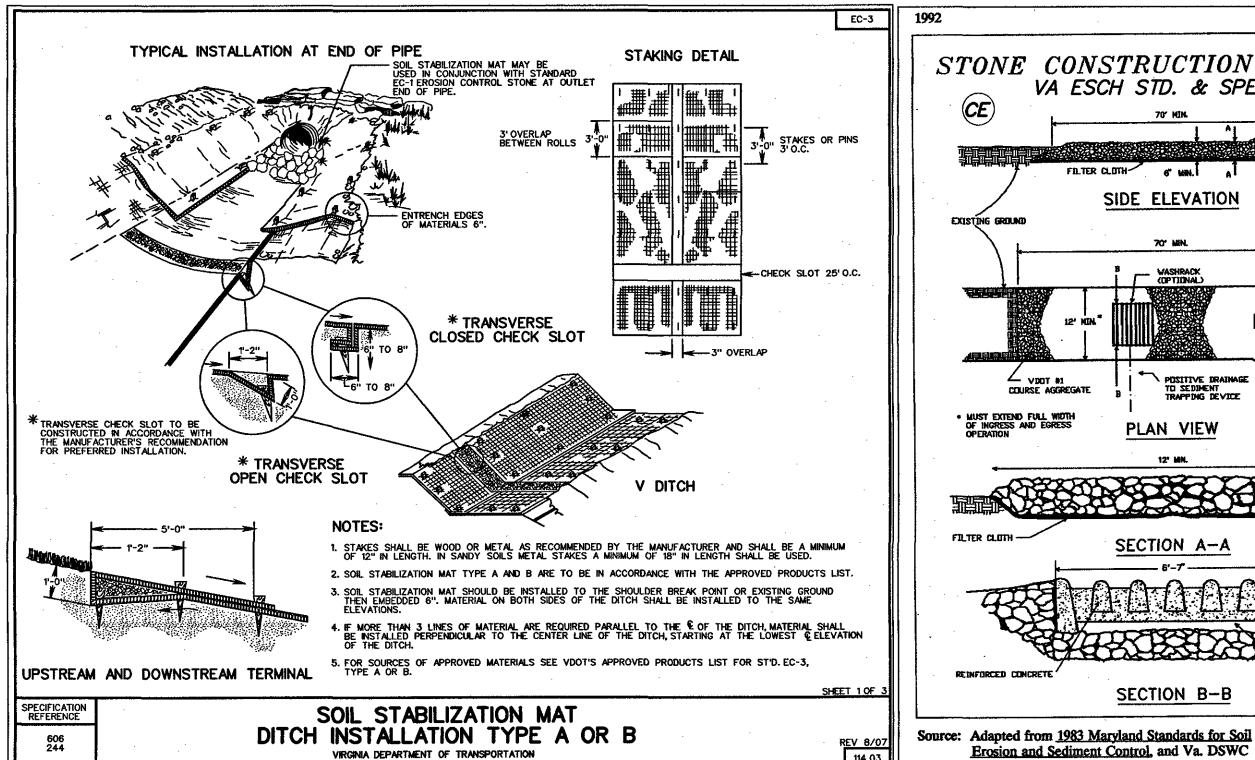
TYPICAL VEE-SHAPED DIVERSION

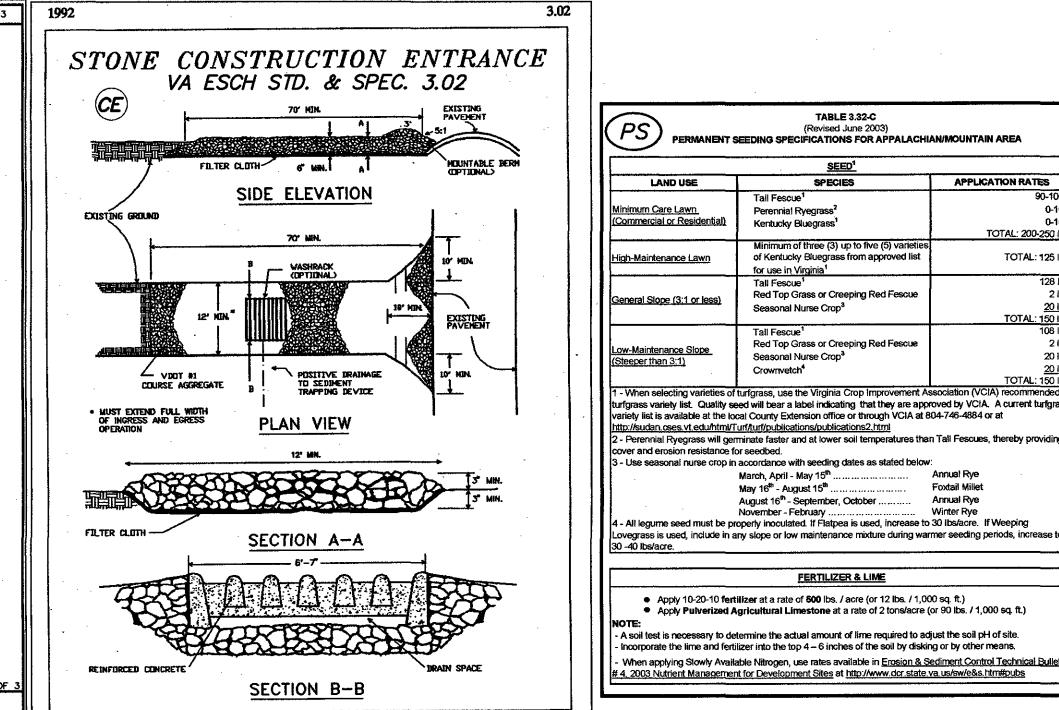
Source: Va. DSWC

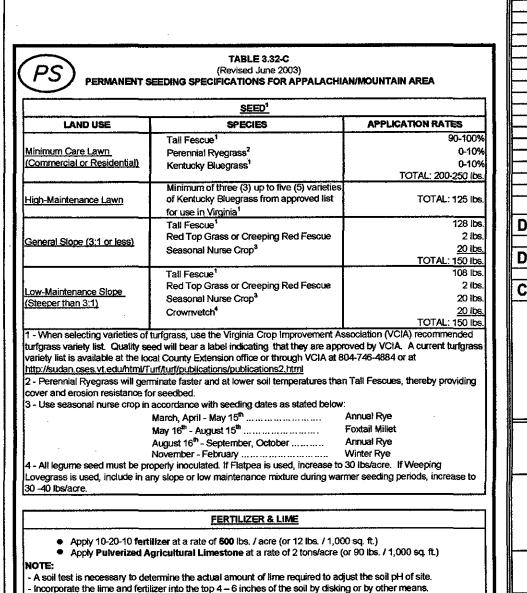


**OUTLET (PERSPECTIVE VIEW)** 

Plate 3.12-1 SOURCE: VA. DSWC







**REVISIONS:** CHECKED BY: **6 JANUARY, 2017 E&S CONTROL DETAILS** SHEET NO.

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**UBDIVISIO** 

DESIGNED BY: JMM/SRE DRAWN BY: JMM/JLK

DATE:

SHEET TITLE:

SCALE: N/A