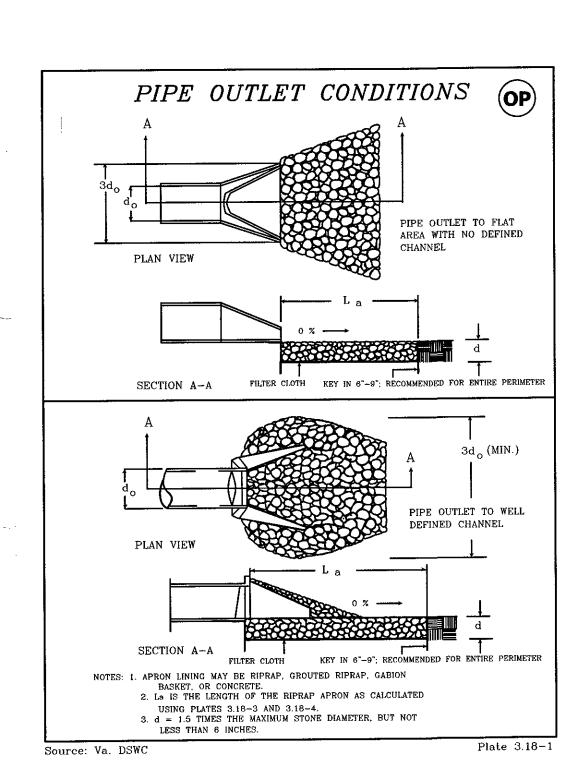
## Erosion & Sediment Control Technical Bulletin No. 4 **Nutrient Management for Development Sites**

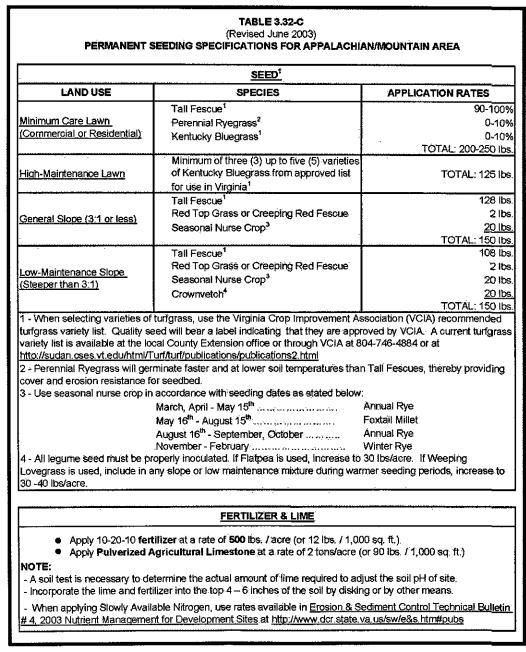
Pounds of nitrogen t	tenance fertilizer			nercent WIN
Month	per 1,000 sq. ft. if the fertilizer is less than 50 percent WIN  Type of Grass			
	Tall Fescue Perennial Rye	Kentucky Bluegrass		Zoysiagrass
September	1	1	.0	.0
October	1	1	O:	0
Early November	0	0	0	0
April	. 0	Ó	0	0
May	0-0.5	0-0.05	1	1
June	0	0	1	0
July/August	0	0	0	1
Yearly Lbs. N/1000 sf	2.5	2,5	2	2
Pounds of nitrogen p	per 1,000 sq. ft. if the fertilizer is more than 50 percent W Type of Grass			
Month	Tall Fescue	Kentucky		<del></del>
	Perennial Rye	Bluegrass	Bermudagrass	Zoysiagras
August 15	Perenniai Rye 1.5	Bluegrass 1.5	Bermudagrass 0	Zoysiagras 0
August 15 October 1				
	1.5	1.5	0	0
October 1	1.5 1.5	1.5 1.5	0	0 0 1.5 0
October 1 April	1.5 1.5 0	1.5 1.5 0	0 0 1.5	0 0 1.5

FERTILIZER SPECIFICATIONS AND RATES FOR MANAGEMENT

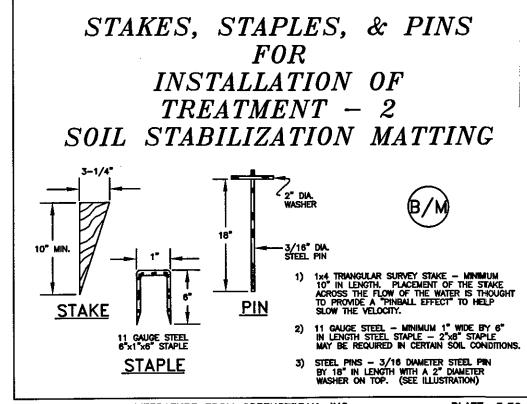


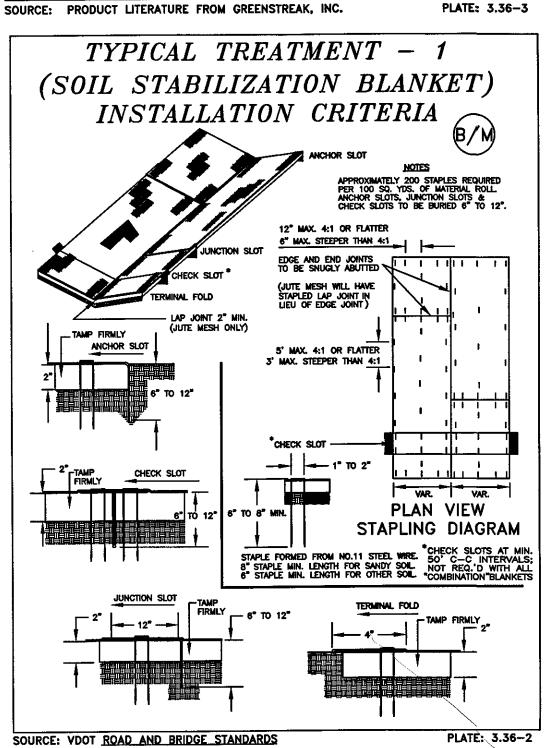
## **OUTLET PROTECTION DATA:**

- #1 OUTLET PROTECTION STR. #6 EC-1 CLASS 1 RIP RAP LENGTH OF APRON=9' (La) WIDTH OF APRON=10.5' (Wa) MIN. STONE SIZE=6"
- #2 OUTLET PROTECTION STR. #11 EC-1 CLASS 1 RIP RAP LENGTH OF APRON=13' (La) WIDTH OF APRON=15' (Wa) MIN. STONE SIZE=6"

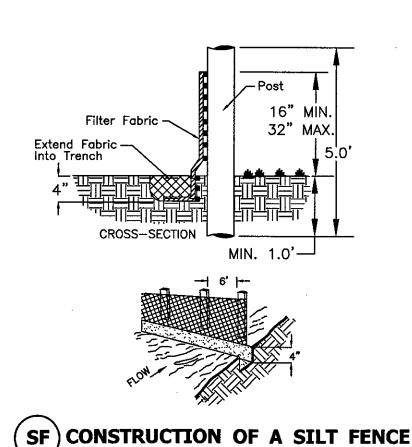


PERMANENT SEEDING **SPECIFICATIONS** 

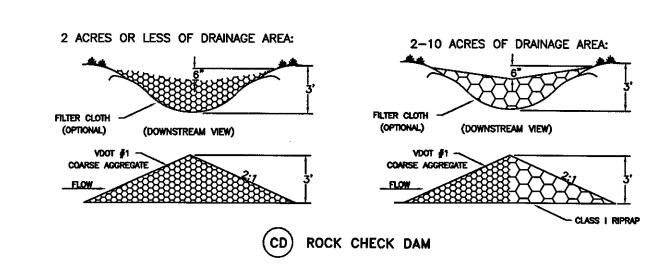


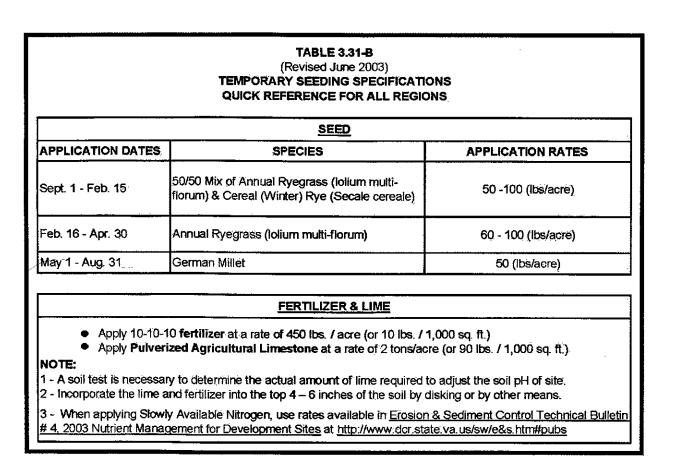


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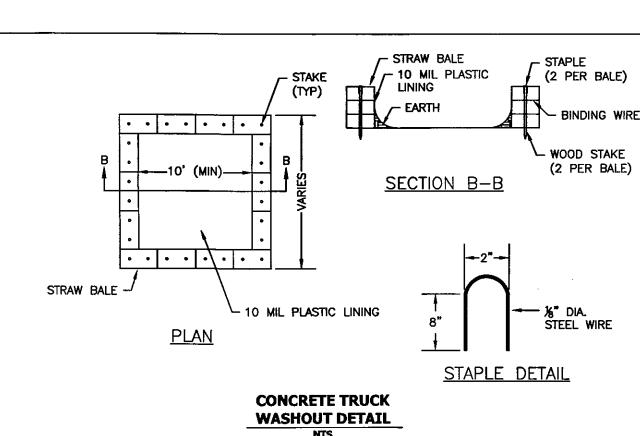


EROSION AND SEDIMENT CONTROL STANDARD - 3.05





TEMPORARY SEEDING **SPECIFICATIONS** 



**GENERAL NOTES:** 1. ACTUAL SIZE TO BE DETERMINED IN FIELD. A MINIMUM OF 10' WIDE BY 10' LONG AND SIZED TO CONTAIN ALL LIQUID AND SOLID WASTE. A MINIMUM OF 12" FREEBOARD SHALL BE INCLUDED. THE CONCRETE WASHOUT SHALL NOT BE PLACED WITHIN 50' OF STORM DRAINS.

EXCESS AND SLUMP TEST SOLIDS SHALL BE PLACED ON PLASTIC LINER UNTIL HARDENED. CONTRACTOR MAY CONSIDER INSTALLING WIRE OR REBAR HOOD FOR LATER PICKUP REMOVAL.

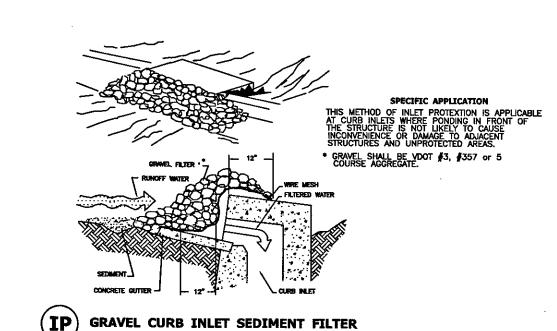
4. INSPECTORS SHALL USE THE WASHOUT FACILITY OR PLASTIC FOR CLEANING OF THEIR TOOLS.

MAINTENANCE NOTES:

1. CHECK ALL CONCRETE WASHOUT FACILITIES DAILY TO DETERMINE IF THEY HAVE BEEN FILLED TO 75% CAPACITY. THE FACILITY SHALL BE CLEANED OUT OR CHANGED WHEN 75% FULL.

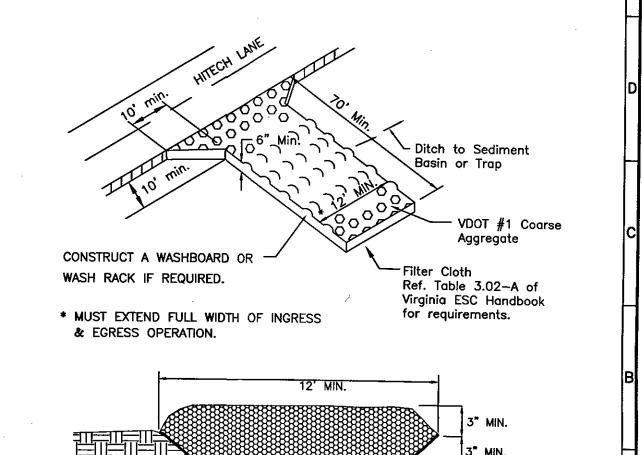
INSPECT LINERS DAILY TO ENSURE THAT LINERS ARE INTACT AND SIDEWALLS HAVE NOT BEEN DAMAGED BY CONSTRUCTION ACTIVITIES. LINERS SHALL BE REPLACED IF THERE ARE HOLES OR TEARS OBSERVED. CONCRETE WASTE SHALL BE WASHED INTO THE DESIGNATED AREA AND ALLOWED TO HARDEN. THE HARDENED CONCRETE SHALL BE BROKEN UP AND DISPOSED OF OFFSITE PER APPLICABLE VA. DEQ RULES AND REGULATIONS. LIQUIDS SHALL NOT BE DISCHARGED DIRECTLY INTO WATERWAYS, STORM DRAINS, SWALES, OR DIRECTLY ONTO THE GROUND.

REMOVE LIQUIDS OR COVER STRUCTURE BEFORE PREDICTED STORMS TO PREVENT OVERFLOWS. INSTALL A NEW PLASTIC LINER AFTER EVERY CLEANING.



SEE SPECIFICATIONS & DETAILS ON SHEET C14

SEDIMENT BASIN



FILTER CLOTH

**CONSTRUCTION ENTRANCE** 

**TEMPORARY GRAVEL** 

REFLECTING TOMORRO www.balzer.cc

> **New River Valley** Richmond Harrisonburg

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1208 Corporate Circle Roanoke, VA 24018 540-772-9580 FAX 540-772-8050

G STOR/ IN ROAD ANTATION

DESIGNED BY

CHECKED BY CPB 3/14/2017 AS SHOWN SCALE

**REVISIONS:** 4/12/2017 4/21/2017

SHEET NO.