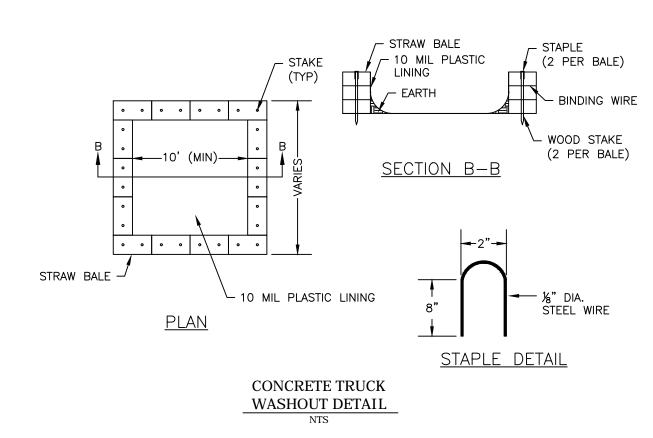
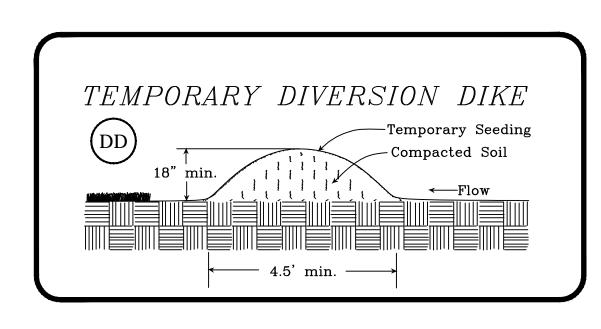




FERTILIZER & LIME Apply 10-20-10 fertilizer at a rate of 500 lbs. / acre (or 12 lbs. / 1,000 sq. ft.) Apply Pulverized Agricultural Limestone at a rate of 2 tons/acre (or 90 lbs. / 1,000 sq. ft.) - A soil test is necessary to determine the actual amount of lime required to adjust the soil pH of site. Incorporate the lime and fertilizer into the top 4 – 6 inches of the soil by disking or by other means. - When applying Slowly Available Nitrogen, use rates available in Erosion & Sediment Control Technical Bulletin # 4, 2003 Nutrient Management for Development Sites at http://www.dcr.state.va.us/sw/e&s.htm#pubs

PERMANENT SEEDING





SEED		
APPLICATION DATES	SPECIES	APPLICATION RATES
Sept. 1 - Feb. 15	50/50 Mix of Annual Ryegrass (Iolium multi- florum) & Cereal (Winter) Rye (Secale cereale)	50 -100 (lbs/acre)
Feb. 16 - Apr. 30	Annual Ryegrass (Iolium multi-florum)	60 - 100 (lbs/acre)
May 1 - Aug. 31	German Millet	50 (lbs/acre)
	FERTILIZER & LIME	
 Apply Pulver NOTE: 1 - A soil test is necessa 	10 fertilizer at a rate of 450 lbs. / acre (or 10 lbs. / 1,0 ized Agricultural Limestone at a rate of 2 tons/acre ry to determine the actual amount of lime required to and fertilizer into the top 4 – 6 inches of the soil by dis	(or 90 lbs. / 1,000 sq. ft.) adjust the soil pH of site.

TEMPORARY SEEDING

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

C. When applying maintenance fertilizer on established sod, Pounds of nitrogen per 1,000 sq. ft. if the fertilizer is less than 50 percent WIN Tall Fescue Kentucky Early November May 1 June Yearly Lbs. N/1000 sf 2.5 2.5 Pounds of nitrogen per 1,000 sq. ft. if the fertilizer is more than 50 percent WIN Tall Fescue Kentucky Perennial Rye | Bluegrass | Bermudagras August 15 October 1 April 1.5 May 15 1.5 June

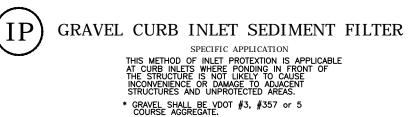
> FERTILIZER SPECIFICATIONS AND RATES FOR MANAGEMENT

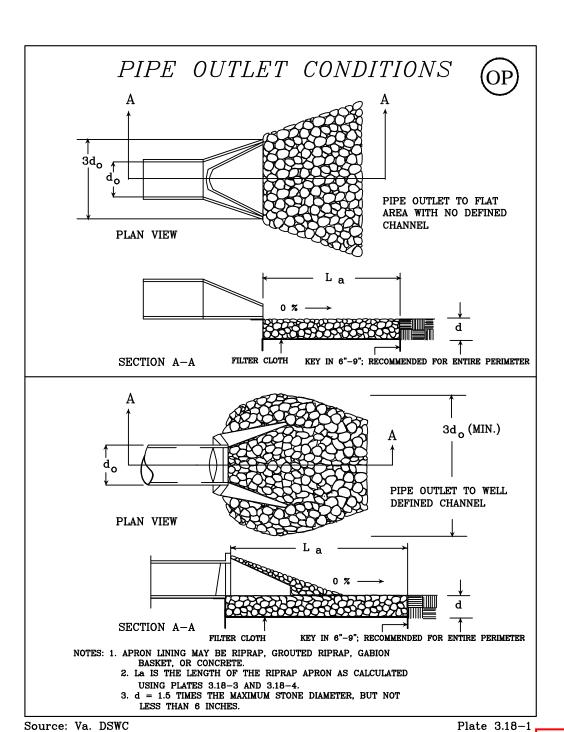
ACTUAL SIZE TO BE DETERMINED IN FIELD. A MINIMUM OF 10' WIDE BY 10' LONG AND SIZED TO CONTAIN ALL LIQUID AND SOLID WASTE. A MINIMUM OF 12" FREEBOARD SHALL BE INCLUDED. THE CONCRETE WASHOUT SHALL NOT BE PLACED WITHIN 50' OF

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

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.
2. 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

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 5. INSTALL A NEW PLASTIC LINER AFTER EVERY CLEANING.



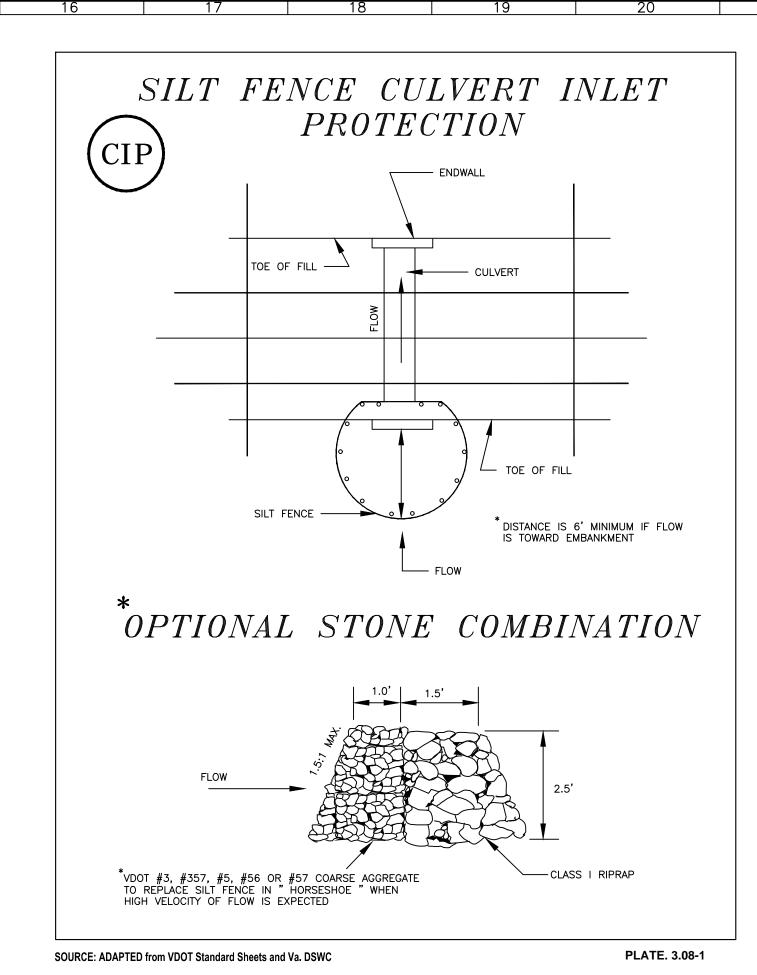


OUTLET PROTECTION DATA:

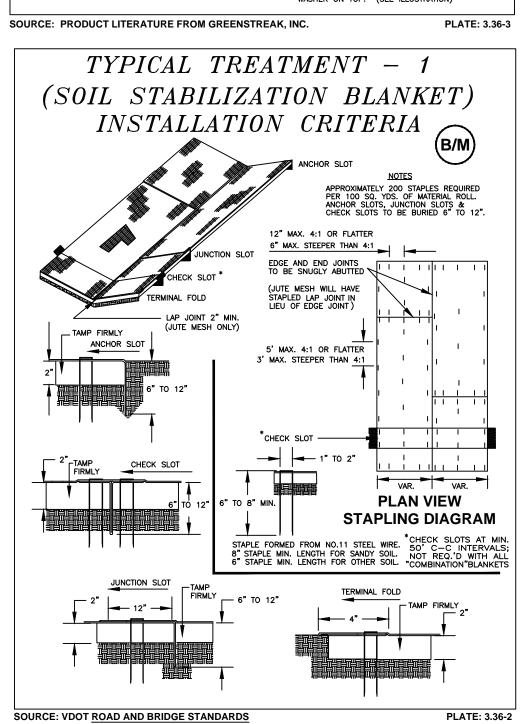
OUTLET PROTECTION STR. #9 EC-1 CLASS 1 RIP RAP LENGTH OF APRON=14' (La) WIDTH OF APRON=9' (Wa) MIN. STONE SIZE=6"

OVERALL AREA IS PROPOSED AS 15'wx40'I

City of Roanoke Planning, Building, & Development COMPREHENSIVE DEVELOPMENT PLAN **APPROVED** by plkr1 08/17/2018



STAKES, STAPLES, & PINS FORINSTALLATION OF TREATMENT - 2SOIL STABILIZATION MATTING STEEL PINS - 3/16 DIAMETER STEEL PIN BY 18" IN LENGTH WITH A 2" DIAMETER WASHER ON TOP. (SEE ILLUSTRATION) STAPLE



BLANKET MATTING

REFLECTING TOMORROW

www.balzer.cc

New River Valley Richmond Staunton Harrisonburg

RESIDENTIAL LAND DEVELOPMENT ENGINEERING SITE DEVELOPMENT ENGINEERING LAND USE PLANNING & ZONING LANDSCAPE ARCHITECTURE LAND SURVEYING ARCHITECTURE STRUCTURAL ENGINEERING TRANSPORTATION ENGINEERING ENVIRONMENTAL & SOIL SCIENCE

Balzer and Associates, Inc 1208 Corporate Circle

WETLAND DELINEATIONS & STREAM EVALUATIONS

Roanoke, VA 24018 540-772-9580 FAX 540-772-8050

GREEN MEDICA MIAL GREEN CIRCLE, SW S.C. DETAILS OLONIAL (3501 COLONIA

DRAWN BY DESIGNED BY CHECKED BY 4/13/2018 AS SHOWN

REVISIONS:

5/18/2018 6/12/2018

SHEET NO