

TABLE 3.31-B (Revised June 2003) TEMPORARY SEEDING SPECIFICATIONS QUICK REFERENCE FOR ALL REGIONS		
SEED		
APPLICATION DATES	SPECIES	APPLICATION RATES
Sept. 1 - Feb. 15	50/50 Mix of Annual Ryegrass (lolium multi-florum) & Cereal (Winter) Rye (Secale cereale)	50 -100 (lbs/acre)
Feb. 16 - Apr. 30	Annual Ryegrass (lolium multi-florum)	60 - 100 (lbs/acre)
May 1 - Aug. 31	German Millet	50 (lbs/acre)
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.)		
NOTE: 1 - A soil test is necessary to determine the actual amount of lime required to adjust the soil pH of site. 2 - 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 <i>Erosion & Sediment Control Technical Bulletin #4, 2003 Nutrient Management for Development Sites</i> at http://www.dcr.state.va.us/sw/e/sa.htm#pubs		

3.31 - TEMPORARY SEEDING SPECIFICATIONS TS

TABLE 3.32-C (Revised June 2003) PERMANENT SEEDING SPECIFICATIONS FOR APPALACHIAN/MOUNTAIN AREA		
SEED		
LAND USE	SPECIES	APPLICATION RATES
Minimum Care Lawn (Commercial or Residential)	Tall Fescue ¹ Perennial Ryegrass ² Kentucky Bluegrass ³	90-100% 0-10% 0-10% TOTAL: 200-250 lbs.
High-Maintenance Lawn	Minimum of three (3) up to five (5) varieties of Kentucky Bluegrass from approved list for use in Virginia ³	TOTAL: 125 lbs.
General Slope (3:1 or less)	Tall Fescue ¹ Red Top Grass or Creeping Red Fescue Seasonal Nurse Crop ⁴	128 lbs. 2 lbs. 20 lbs. TOTAL: 150 lbs.
Low-Maintenance Slope (Slopes greater than 3:1)	Tall Fescue ¹ Red Top Grass or Creeping Red Fescue Seasonal Nurse Crop ⁴ Crownvetch ⁴	108 lbs. 2 lbs. 20 lbs. 20 lbs. TOTAL: 150 lbs.
1 - When selecting varieties of turfgrass, use the Virginia Crop Improvement Association (VCIA) recommended turfgrass variety list. Quality seed will bear a label indicating that they are approved by VCIA. A current turfgrass variety list is available at the local County Extension office or through VCIA at 804-746-4884 or at http://sudan.ces.vt.edu/html/Turf/turfpublications/publications2.html 2 - Perennial Ryegrass will germinate faster and at lower soil temperatures than Tall Fescues, thereby providing cover and erosion resistance for seedbed. 3 - Use seasonal nurse crop in accordance with seeding dates as stated below: March, April - May 15 th Annual Rye May 16 th - August 15 th Foxtail Millet August 16 th - September, October Annual Rye November - February Winter Rye 4 - All legume seed must be properly inoculated. If Flatpea is used, increase to 30 lbs/acre. If Weeping Lovegrass is used, include in any slope or low maintenance mixture during warmer seeding periods, increase to 30-40 lbs/acre.		
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.)		
NOTE: 1 - A soil test is necessary to determine the actual amount of lime required to adjust the soil pH of site. 2 - 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 <i>Erosion & Sediment Control Technical Bulletin #4, 2003 Nutrient Management for Development Sites</i> at http://www.dcr.state.va.us/sw/e/sa.htm#pubs		

3.32 - PERMANENT SEEDING SPECIFICATIONS PS

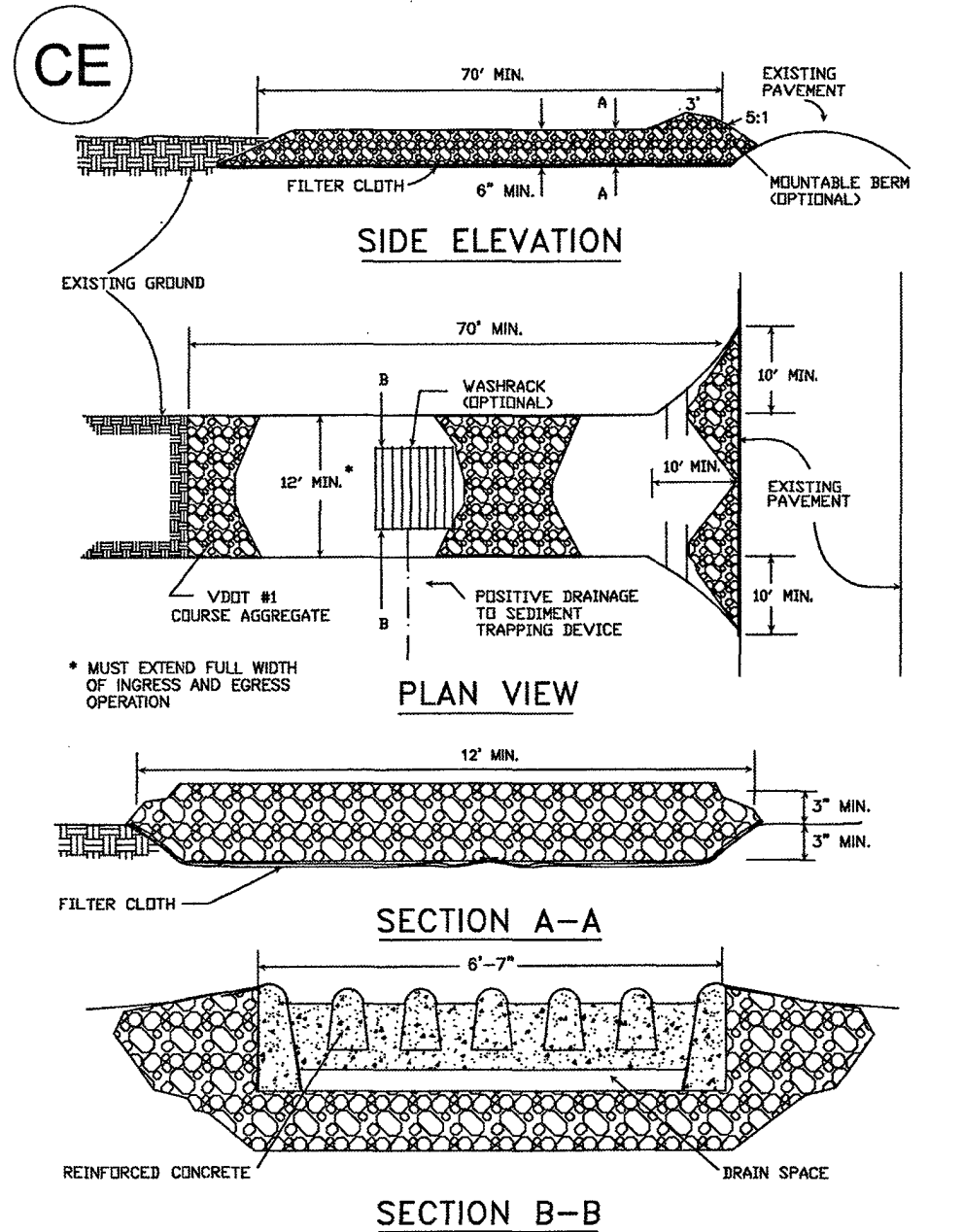
Erosion & Sediment Control Technical Bulletin No. 4 Nutrient Management for Development Sites

C. When applying maintenance fertilizer on established sod,

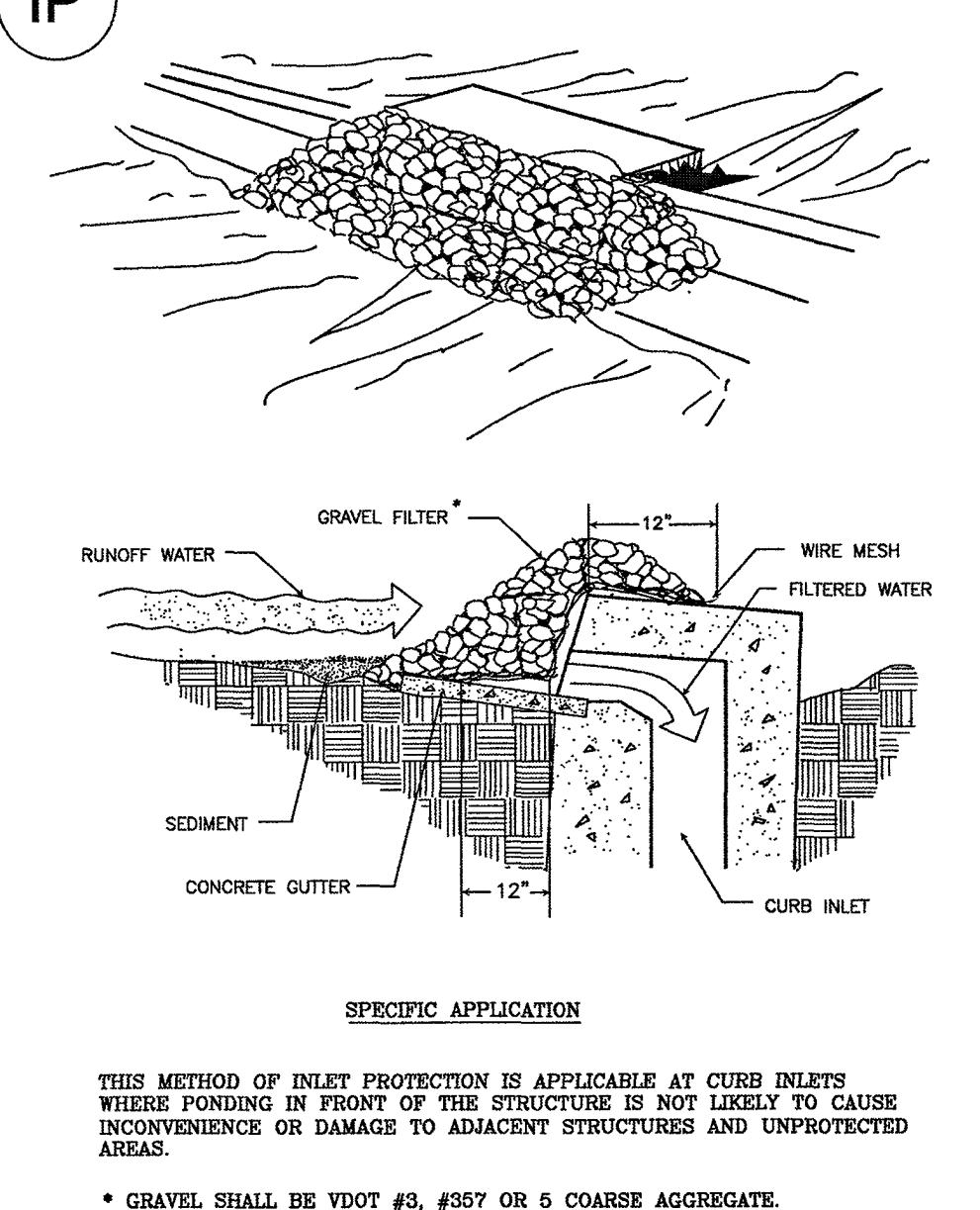
Pounds of nitrogen per 1,000 sq. ft. if the fertilizer is less than 50 percent WIN					
Type of Grass					
Month	Tall Fescue Perennial Rye	Kentucky Bluegrass	Bermudagrass	Zoysiagrass	
September	1	1	0	0	
October	1	1	0	0	
Early November	0	0	0	0	
April	0	0	0	0	
May	0-0.5	0-0.05	1	1	
June	0	0	1	0	
July/August	0	0	0	1	
Yearly Lbs. N/1000 sf	2.5	2.5	2	2	
Pounds of nitrogen per 1,000 sq. ft. if the fertilizer is more than 50 percent WIN					
Type of Grass					
Month	Tall Fescue Perennial Rye	Kentucky Bluegrass	Bermudagrass	Zoysiagrass	
August 15	1.5	1.5	0	0	
October 1	1.5	1.5	0	0	
April	0	0	1.5	1.5	
May 15	0	0	0	0	
June	0	0	1.5	1.5	
Yearly Lbs. N/1000 sf	3	3	3	3	

3.35 - MULCHING/FERTILIZER SPECIFICATIONS MU

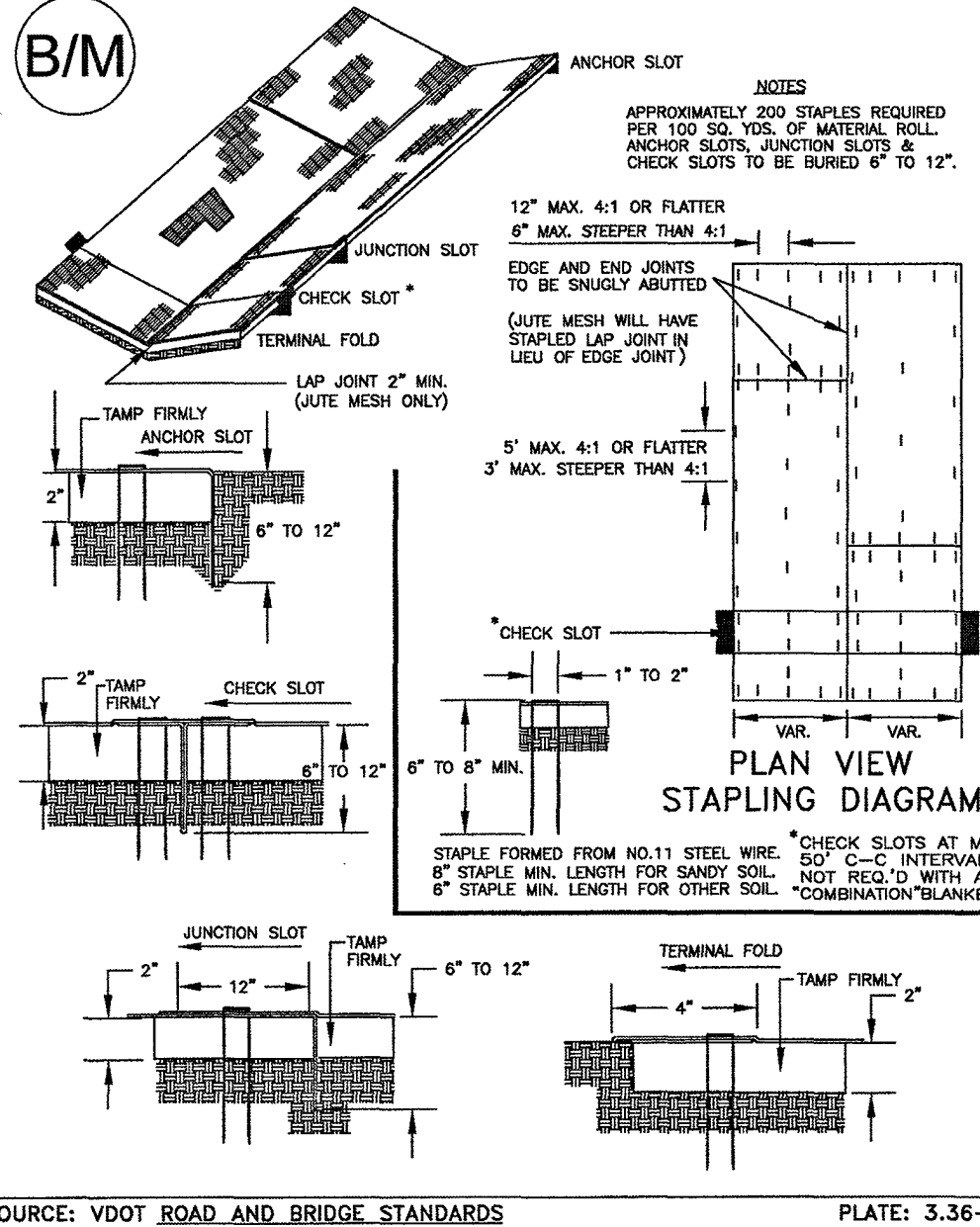
STONE CONSTRUCTION ENTRANCE



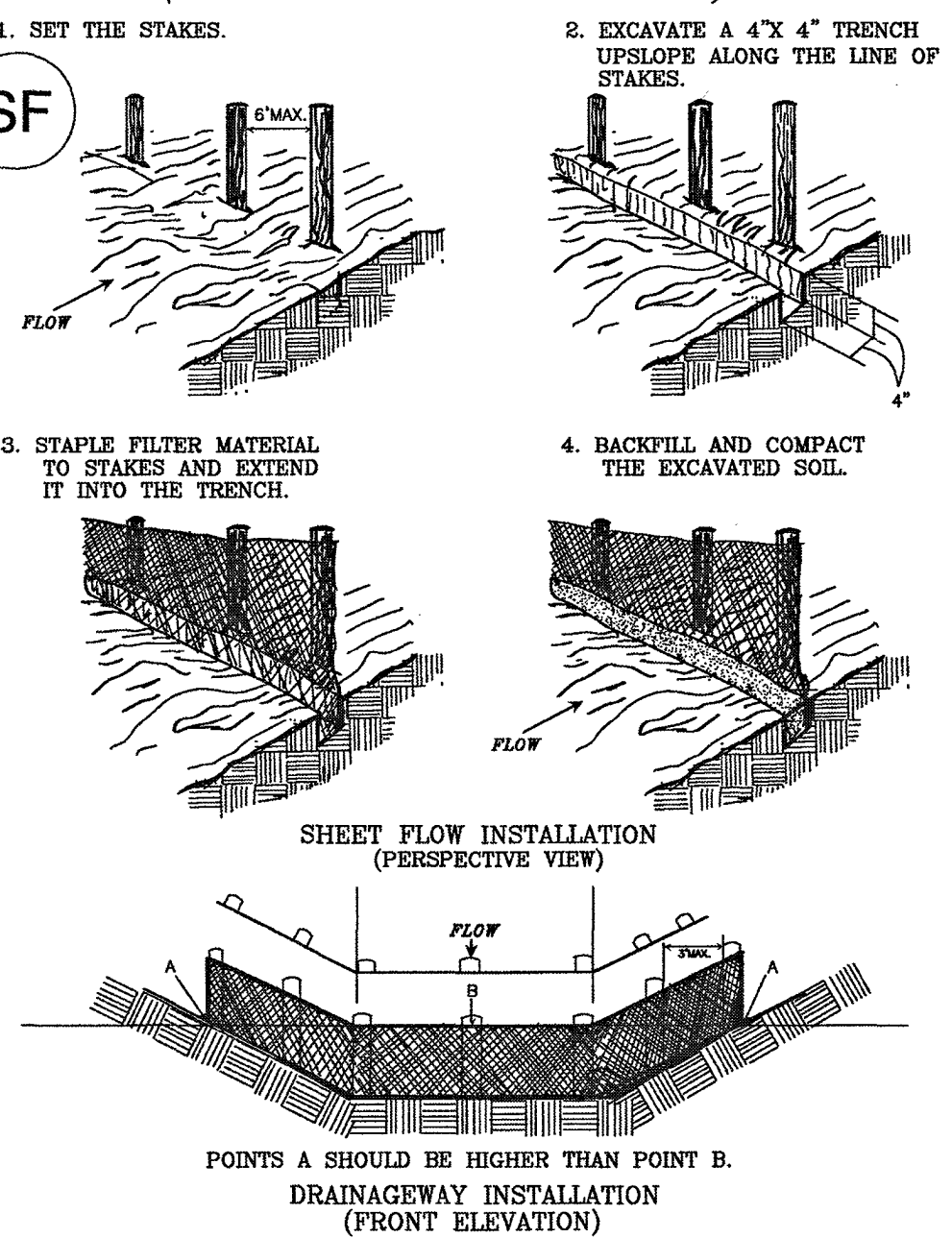
GRAVEL CURB INLET SEDIMENT FILTER



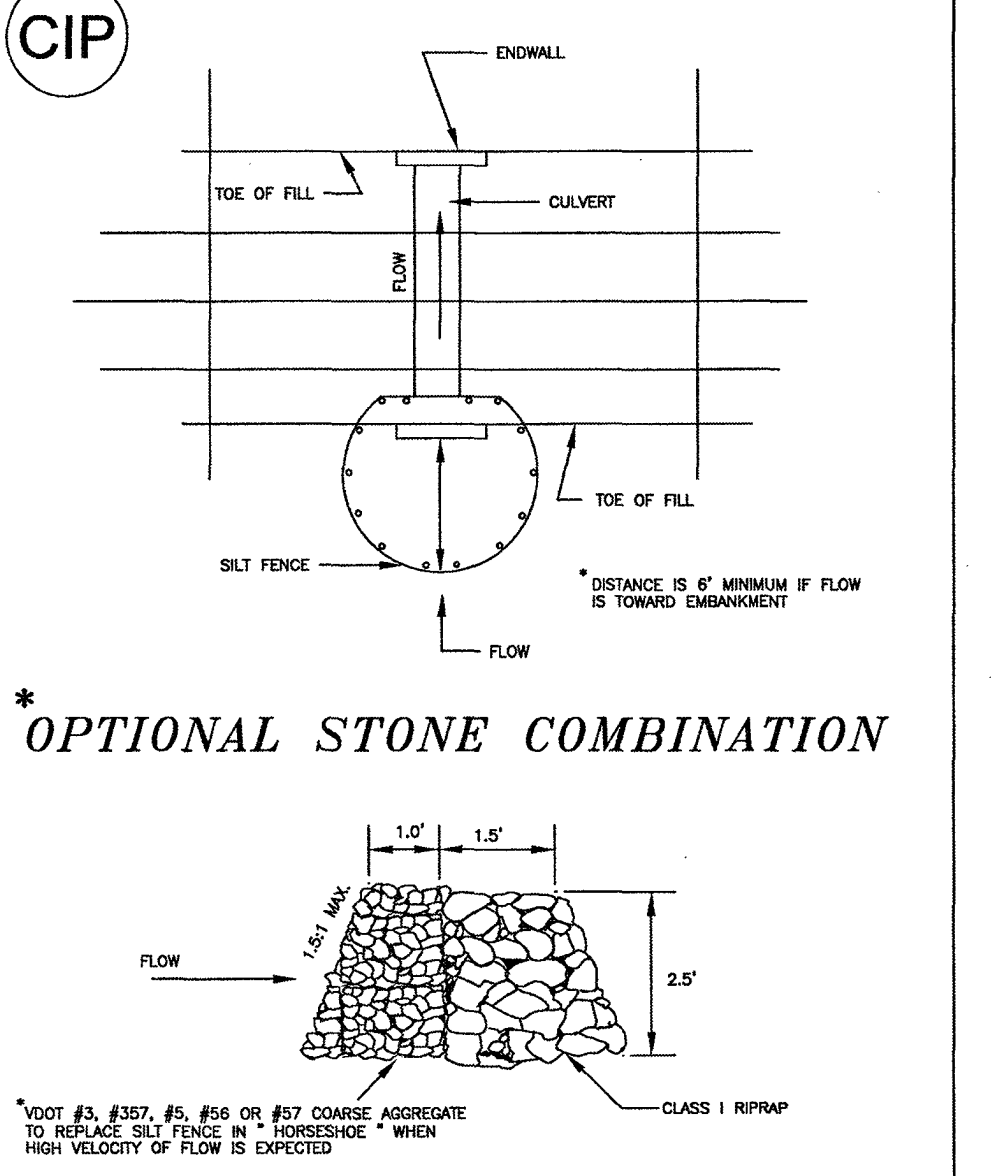
TYPICAL TREATMENT - (SOIL STABILIZATION BLANKET) INSTALLATION CRITERIA



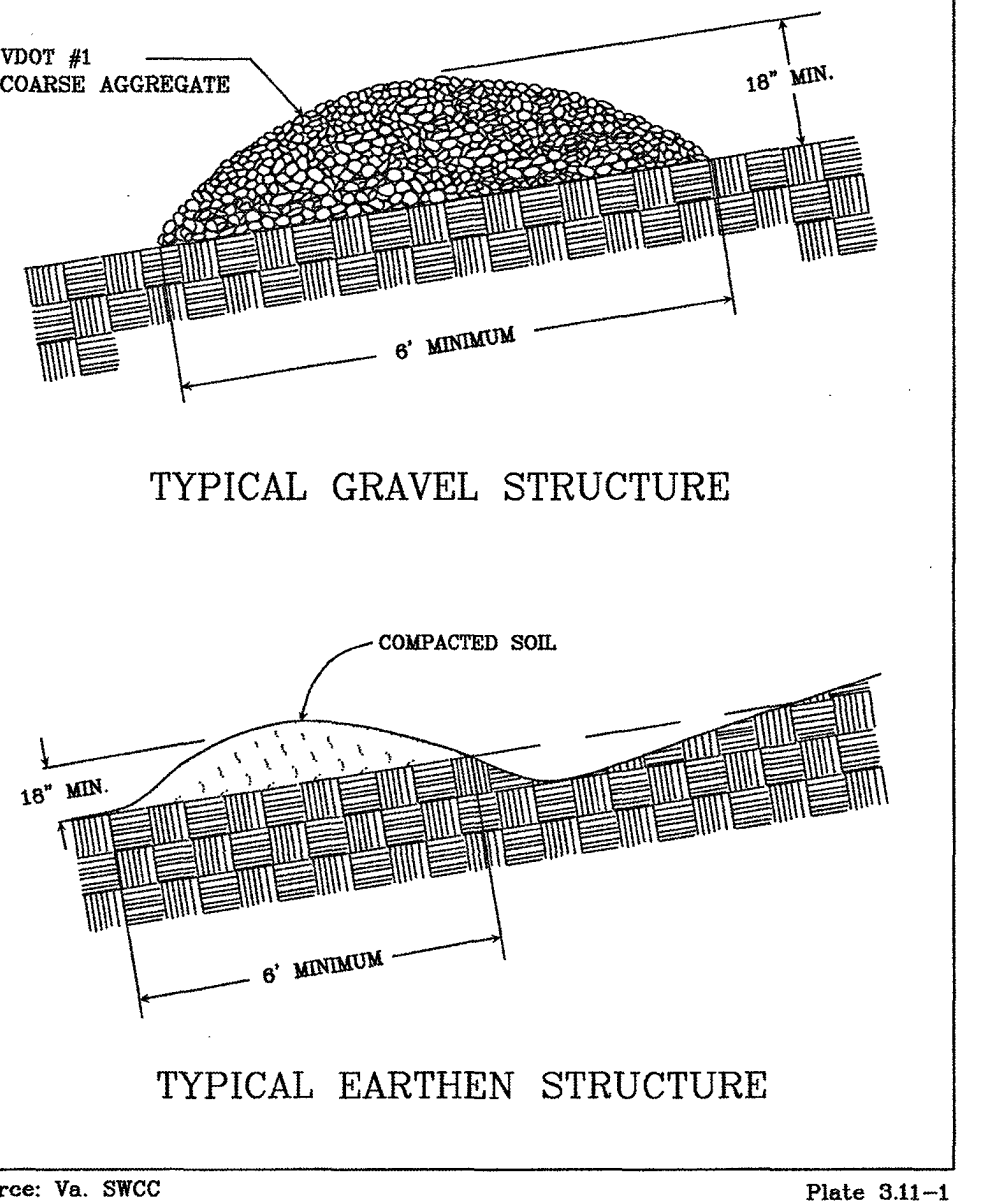
CONSTRUCTION OF A SILT FENCE (WITHOUT WIRE SUPPORT)



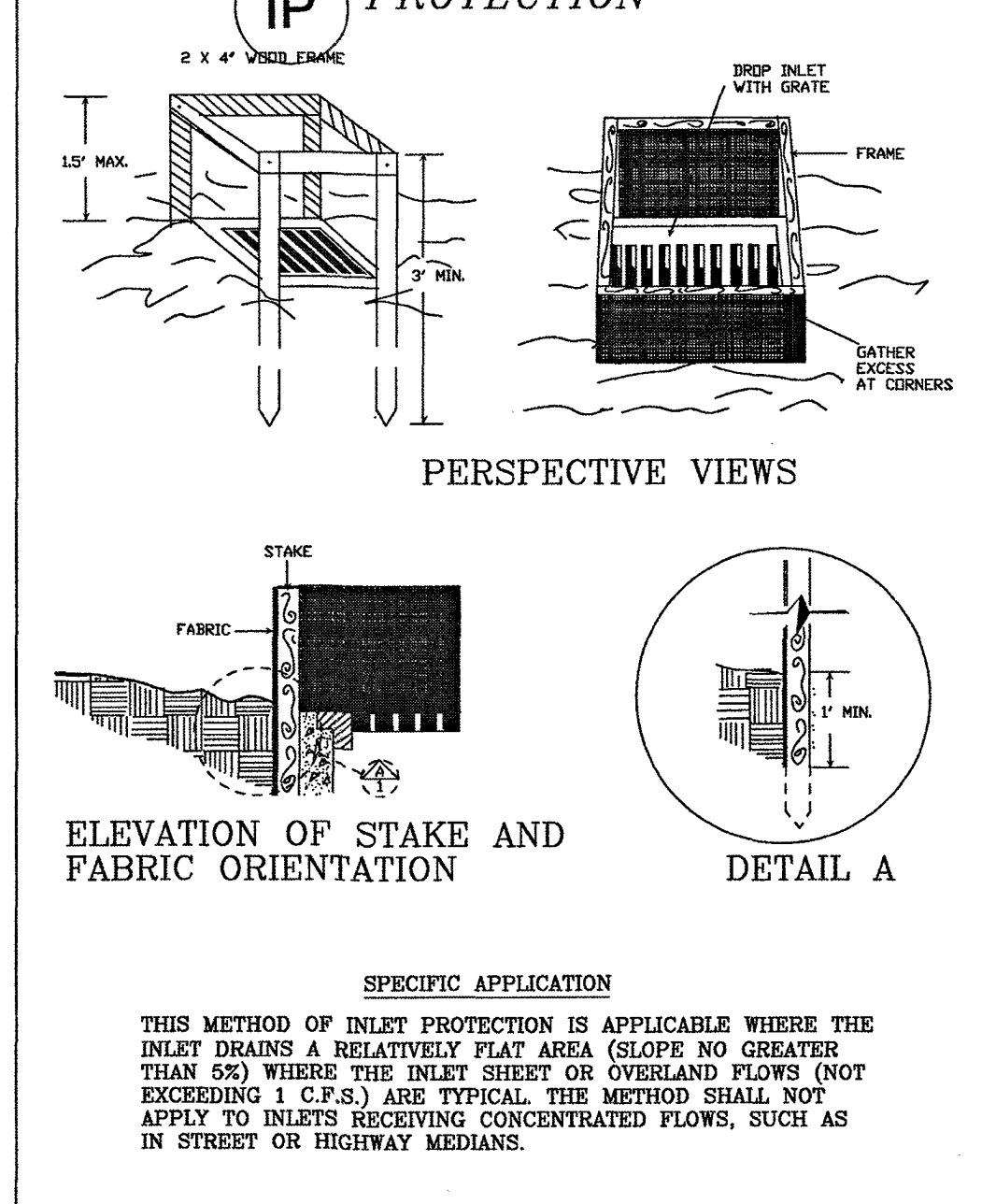
SILT FENCE CULVERT INLET PROTECTION



TEMPORARY RIGHT-OF-WAY DIVERSIONS



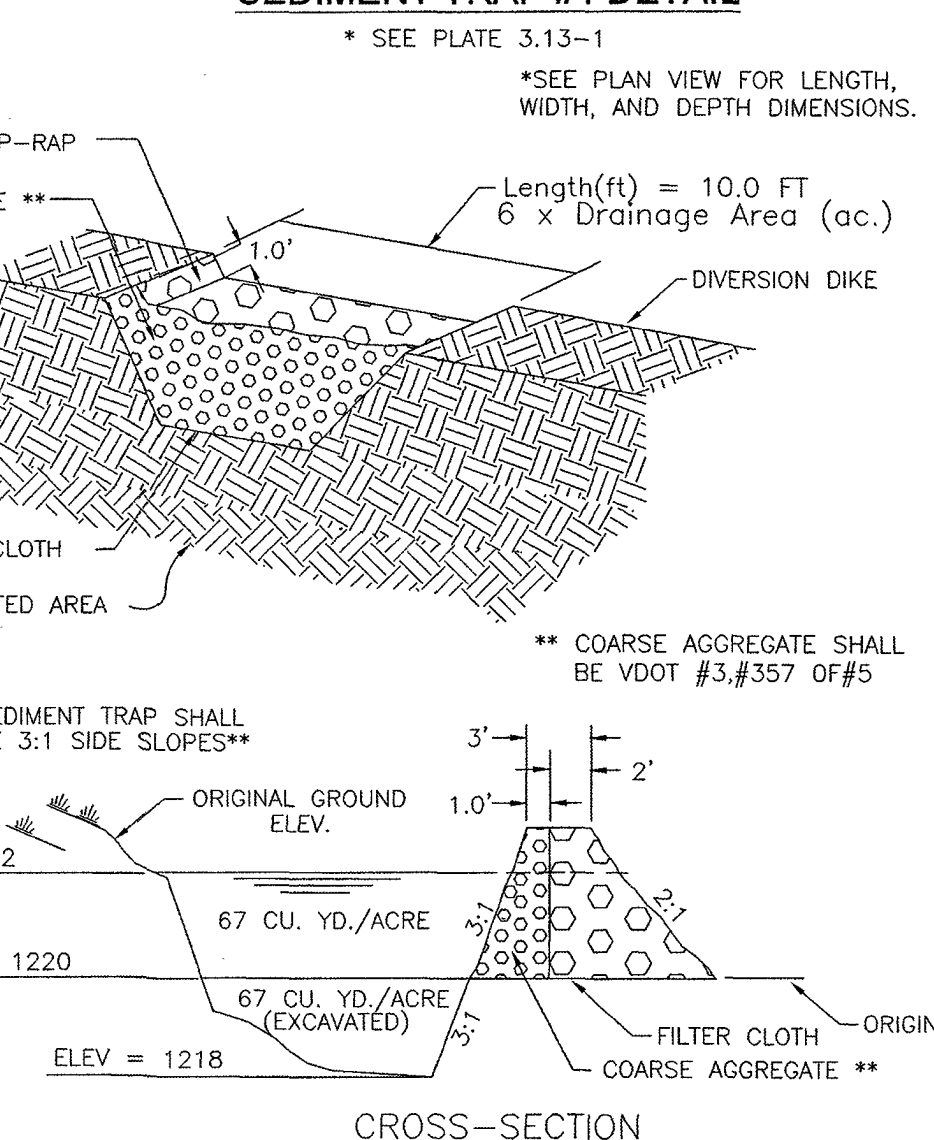
SILT FENCE DROP INLET PROTECTION



SEDIMENT TRAP SUMMARY TABLE

DRAINAGE AREA ID	ST-1
TOTAL DRAINAGE AREA SIZE	1.65 AC
BOTTOM/TOP LENGTH	30LF/46LF
BOTTOM/TOP WIDTH	18LF/34LF
DEPTH	4'
BERM HEIGHT	1'
WEIR LENGTH	10 LF
WEIR HEIGHT	1.5'
STORAGE REQUIRED (CY)	111 WET - 111 DRY
STORAGE PROVIDED (CY)	116 WET - 134 DRY

SEDIMENT TRAP #1 DETAIL

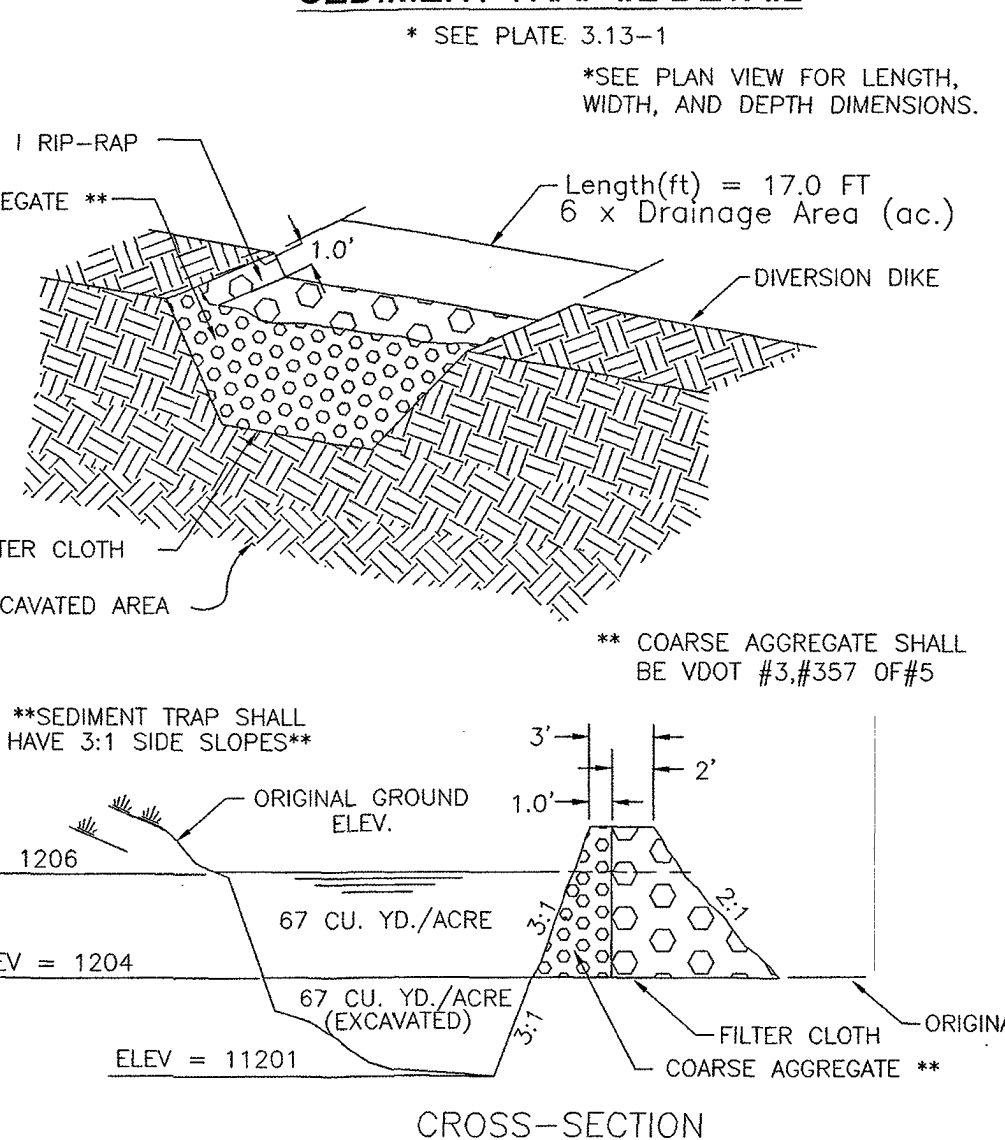


TEMPORARY SEDIMENT TRAP #1 SPECIFICATIONS

SEDIMENT TRAP SUMMARY TABLE

DRAINAGE AREA ID	ST-2
TOTAL DRAINAGE AREA SIZE	2.83 AC
BOTTOM/TOP LENGTH	64LF/84LF
BOTTOM/TOP WIDTH	22LF/42LF
DEPTH	5'
BERM HEIGHT	1'
WEIR LENGTH	17.0 LF
WEIR HEIGHT	1.5'
STORAGE REQUIRED (CY)	190 WET - 190 DRY
STORAGE PROVIDED (CY)	222 WET - 226 DRY

SEDIMENT TRAP #2 DETAIL



TEMPORARY SEDIMENT TRAP #2 SPECIFICATIONS



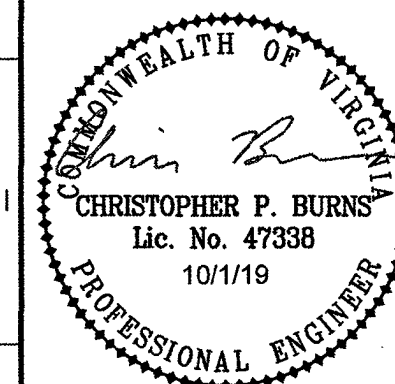
REFLECTING TOMORROW

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FOXFIELD - SECTION 7
RUSSLER DRIVE
E.S.C. DETAILS
CATAWBA DISTRICT
ROANOKE COUNTY, VIRGINIA

DRAWN BY KRO
DESIGNED BY CPB
CHECKED BY CPB
DATE 3/22/2019
SCALE N/A

REVISIONS:
5/9/2019
5/23/2019
10/1/2019

SHEET NO.

C12

JOB NO. 04180072.00