

TABLE 3.31-B
(Revised June 2003)
TEMPORARY SEEDING SPECIFICATIONS
QUICK REFERENCE FOR ALL REGIONS

APPLICATION DATES	SPECIES	APPLICATION RATES
Sept. 1 - Feb. 15	50/50 Mix of Annual Ryegrass (solum multi-totum) & Cereal Rye (winter) (Rye (solum solum))	50-100 (lb/acre)
Feb. 16 - Apr. 30	Annual Ryegrass (solum multi-totum)	60 - 100 (lb/acre)
May 1 - Aug. 31	German Millet	50 (lb/acre)

FERTILIZER & LIME

- Apply 10-20-10 fertilizer at a rate of 800 lbs. / acre (or 10 lbs. / 1,000 sq. ft.)
- Apply Pulverized Agricultural Limestone at a rate of 2 tons/acre (or 50 lbs. / 1,000 sq. ft.)

NOTE:

- 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 No. 4, 2003* Nutrient Management for Development Sites at <http://www.dor.state.va.us/roanoke/esc.htm>.

TS TEMPORARY SEEDING SPECIFICATIONS

TABLE 3.32-C
(Revised June 2003)
PERMANENT SEEDING SPECIFICATIONS FOR APPALACHIAN/MOUNTAIN AREA

LAND USE	SPECIES	APPLICATION RATES
Minimum Care Lawn	Tall Fescue ¹	50-100%
Commercial or Residential	Perennial Ryegrass ² Kentucky Bluegrass ³	0-10%
High Maintenance Lawn	Minimum of three (3) up to five (5) varieties of Kentucky Bluegrass from approved list for use in Virginia ⁴	TOTAL: 200-250 (lb)
General Slope (3:1 or less)	Tall Fescue ¹ Red Top Grass or Creeping Red Fescue Seasonal Nurse Crop ⁵	125 lbs. 2 lbs. 20 lbs.
Low Maintenance Slope (Steeper than 3:1)	Tall Fescue ¹ Red Top Grass or Creeping Red Fescue Seasonal Nurse Crop ⁵ Crownvetch ⁶	105 lbs. 2 lbs. 20 lbs. 20 lbs.
		TOTAL: 140 lbs.

NOTE:

- When selecting varieties of turfgrass, use the Virginia Crop Improvement Association (VCA) recommended Virginia variety list. Quality seed will bear a label indicating that they are approved by VCA. A current turfgrass variety list is available at the local County Extension office or through VCA at 800-746-4681 or at <http://www.dor.state.va.us/roanoke/esc.htm>.
- Perennial Ryegrass will germinate faster and at lower soil temperatures than Tall Fescues, thereby providing cover and erosion resistance for seedbed.
- Use seasonal nurse crop in accordance with seeding dates as stated below.
- All legume seed must be properly inoculated. If Patsens is used, increase to 50 lbs/acre. If Williams Lovegrass is used, include in any stage 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 800 lbs. / acre (or 10 lbs. / 1,000 sq. ft.)
- Apply Pulverized Agricultural Limestone at a rate of 2 tons/acre (or 50 lbs. / 1,000 sq. ft.)

PS PERMANENT SEEDING SPECIFICATIONS

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

C. When applying maintenance fertilizer on established soil.

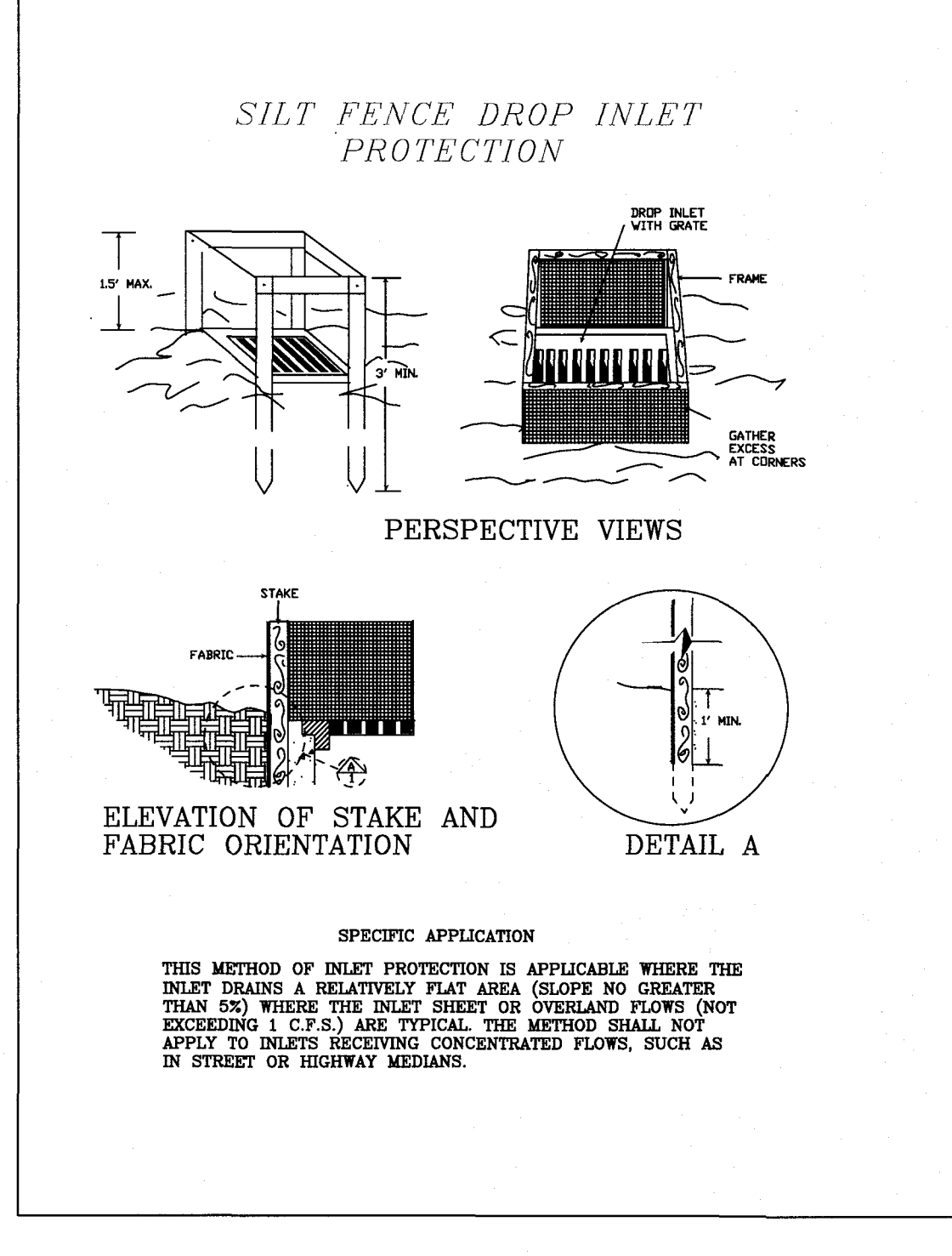
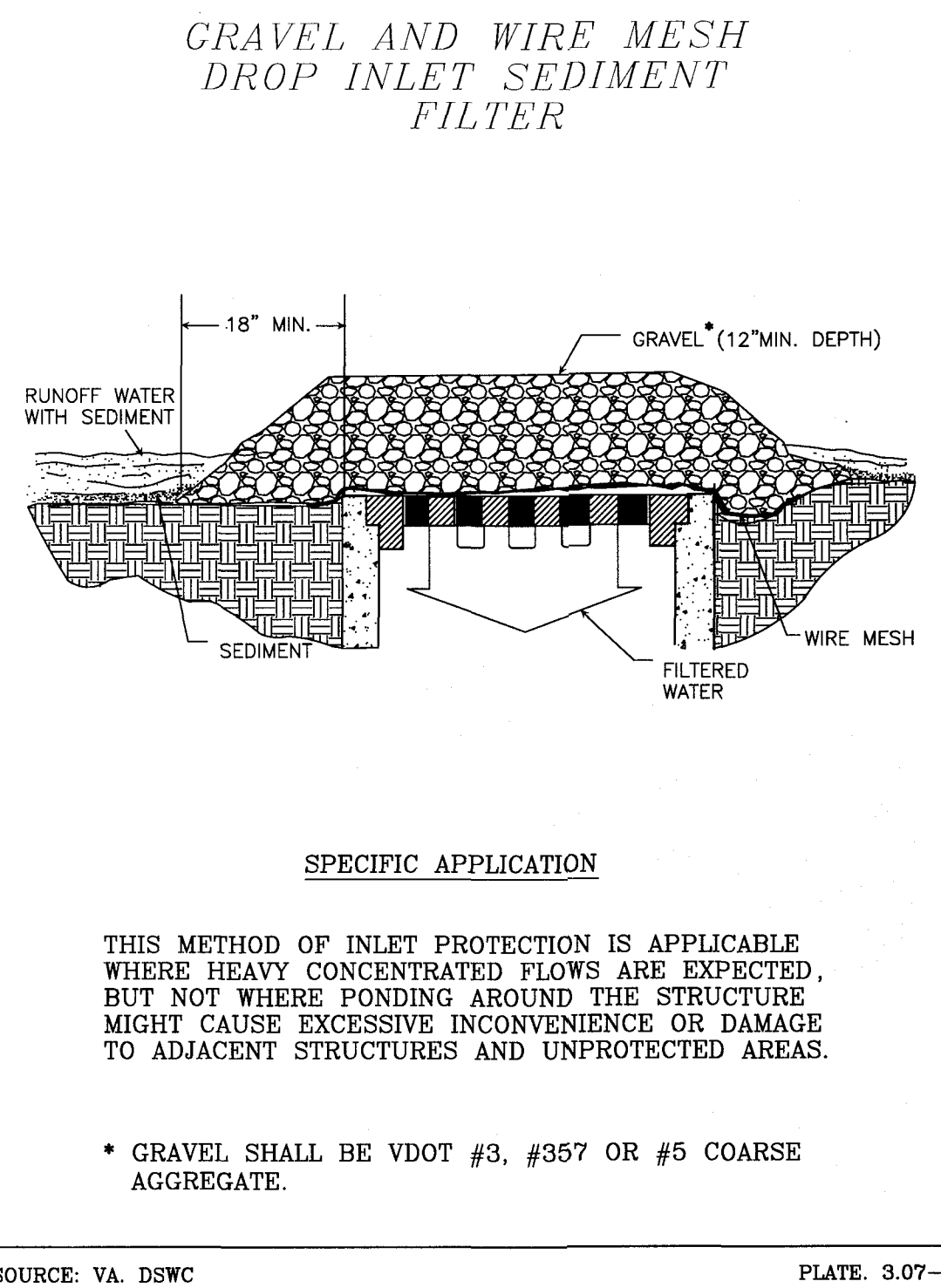
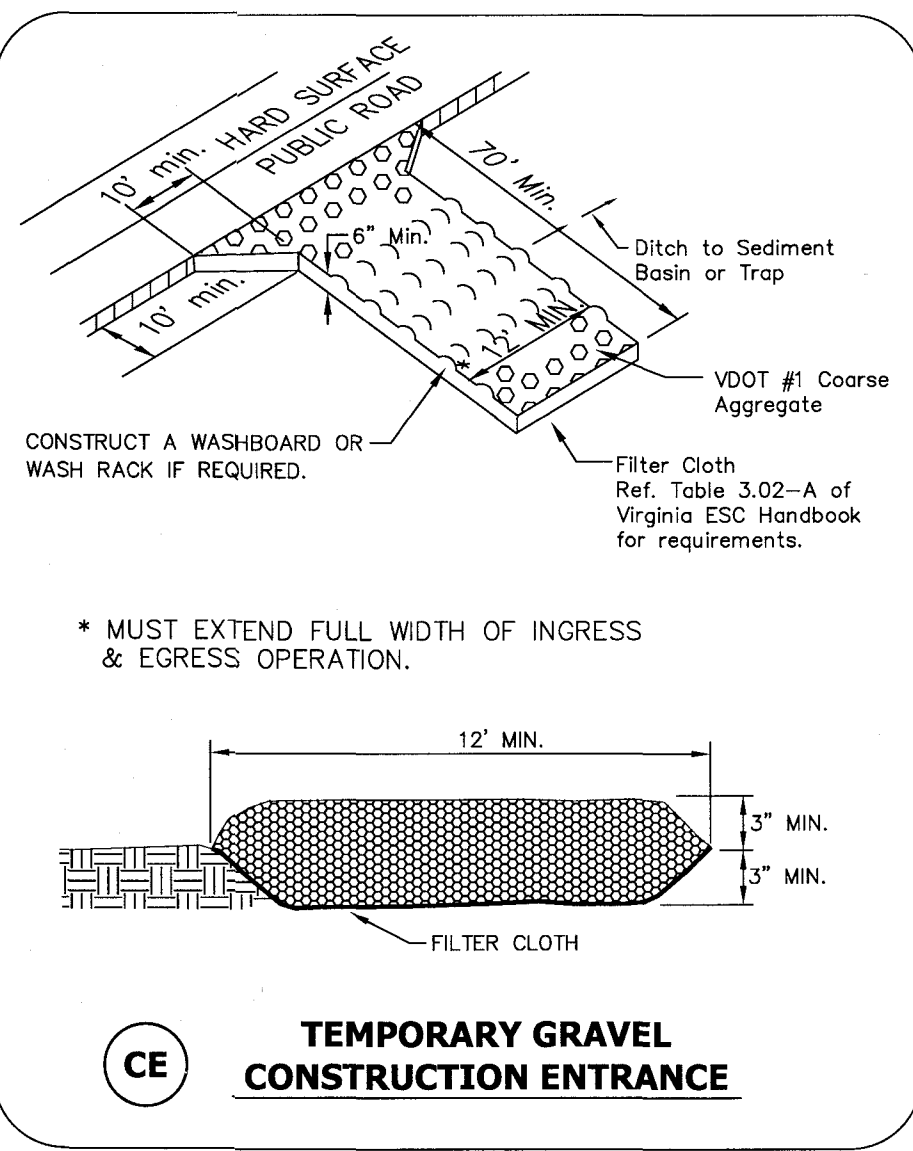
Pounds of nitrogen per 1,000 sq. ft. if the fertilizer is less than 50 percent WIN

Month	Tall Fescue	Perennial Ryegrass	Kentucky Bluegrass	Bermudagrass	Zoysiagrass
September	0	0	0	0	0
October	1	1	0	0	0
Early November	0	0	0	0	0
April	0	0	0	0	0
May	0.5	0.5	0.5	1	1
June	0	0	0	1	0
July/August	0	0	0	0	1
Yearly Lbs. N/1000 sq. ft.	2.5	2.5	2	2	2

Pounds of nitrogen per 1,000 sq. ft. if the fertilizer is more than 50 percent WIN

Month	Tall Fescue	Perennial Ryegrass	Kentucky Bluegrass	Bermudagrass	Zoysiagrass
August 15	1.5	1.5	0	0	0
October 1	1.5	1.5	0	0	0
April	0	0	1.5	1.5	1.5
May 15	0	0	0	0	0
June	0	0	1.5	1.5	1.5
Yearly Lbs. N/1000 sq. ft.	3	3	3	3	3

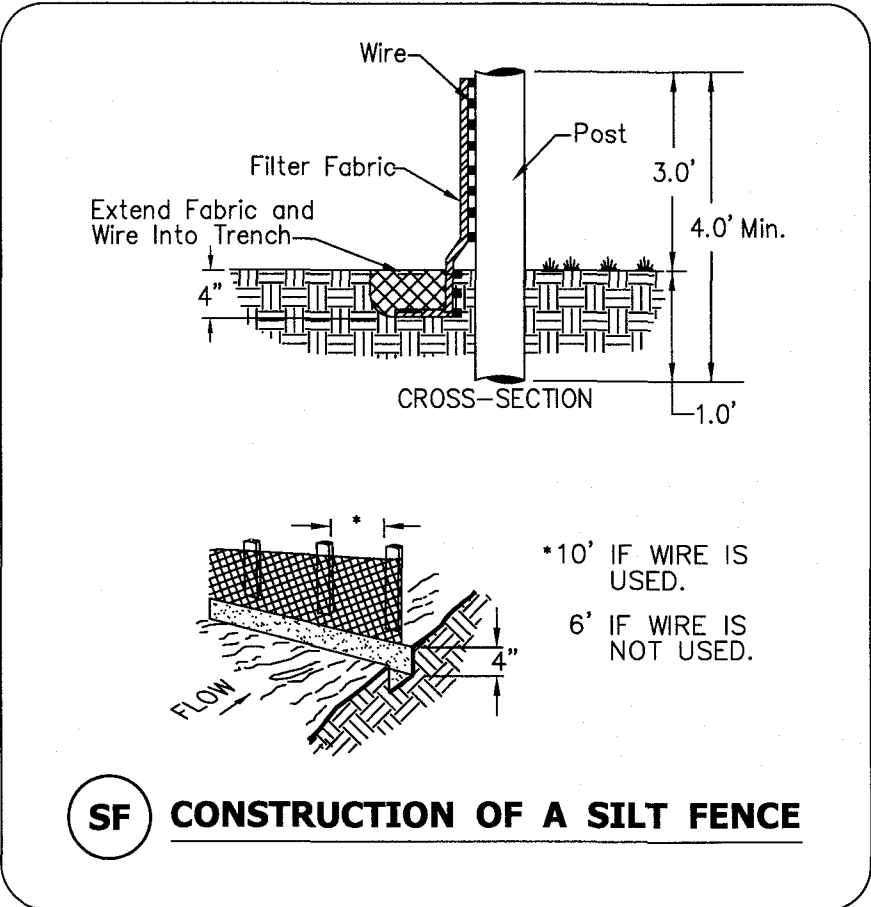
MU MULCHING SPECIFICATIONS



City of Roanoke
Planning, Building, & Development
COMPREHENSIVE DEVELOPMENT PLAN

APPROVED

by plkr1 01/10/2019



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COMMONWEALTH OF VIRGINIA
CHRISTOPHER P. BURNS
Lic. No. 047338
4/27/18
PROFESSIONAL ENGINEER

4753 VALLEY VIEW BOULEVARD

ESC DETAILS

CITY OF ROANOKE, VIRGINIA

DRAWN BY CPB
DESIGNED BY CPB
CHECKED BY BTC
DATE 4/3/2018
SCALE AS NOTED
REVISIONS:
4/27/2018

SHEET NO.
C8
JOB NO. 04170073.00