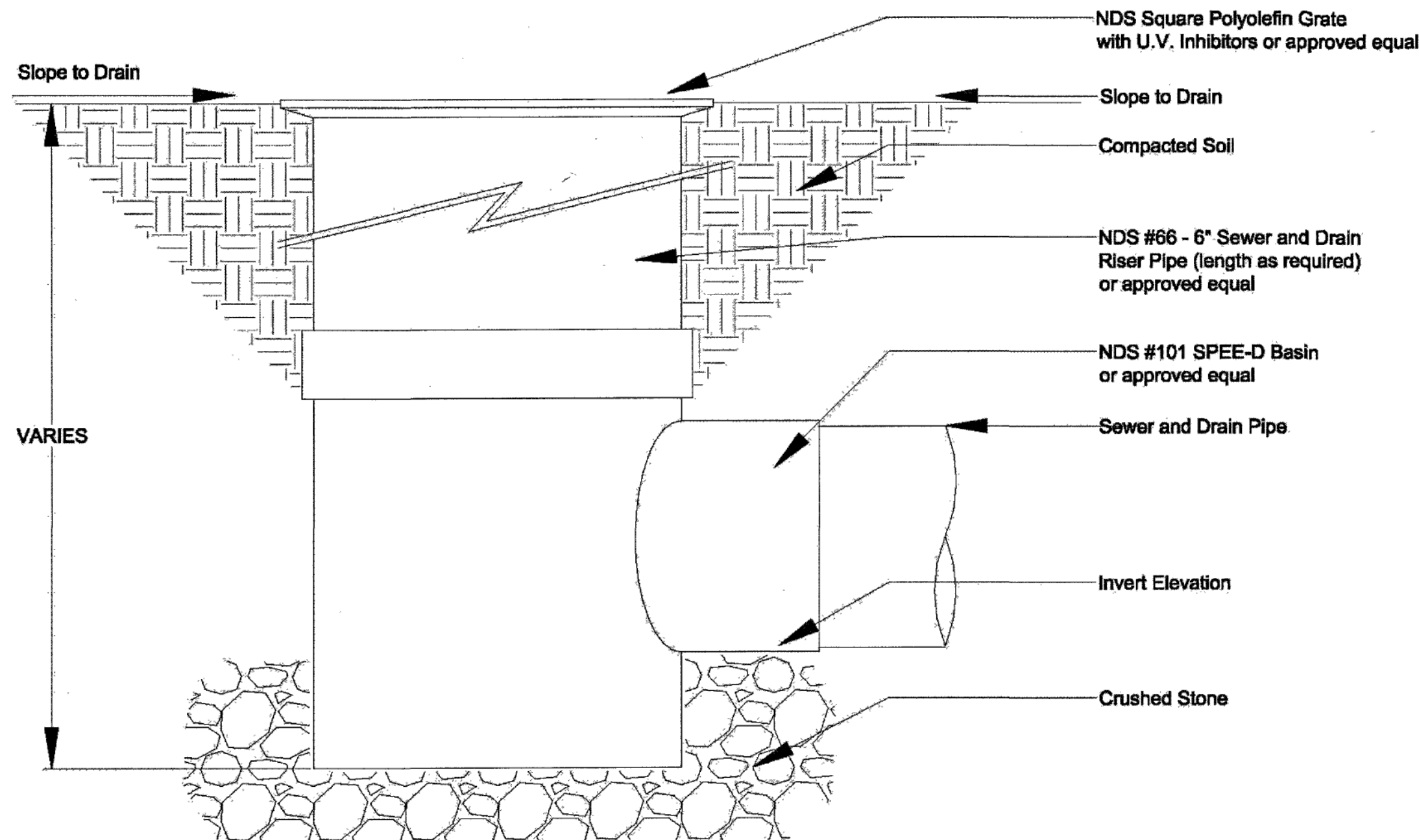


6" POP UP EMITTER FOR PATIO DRAIN LINE

N.T.S.



NDS ROUND GRATE WITH NDS SPEE-D BASIN  
NOT TO SCALE

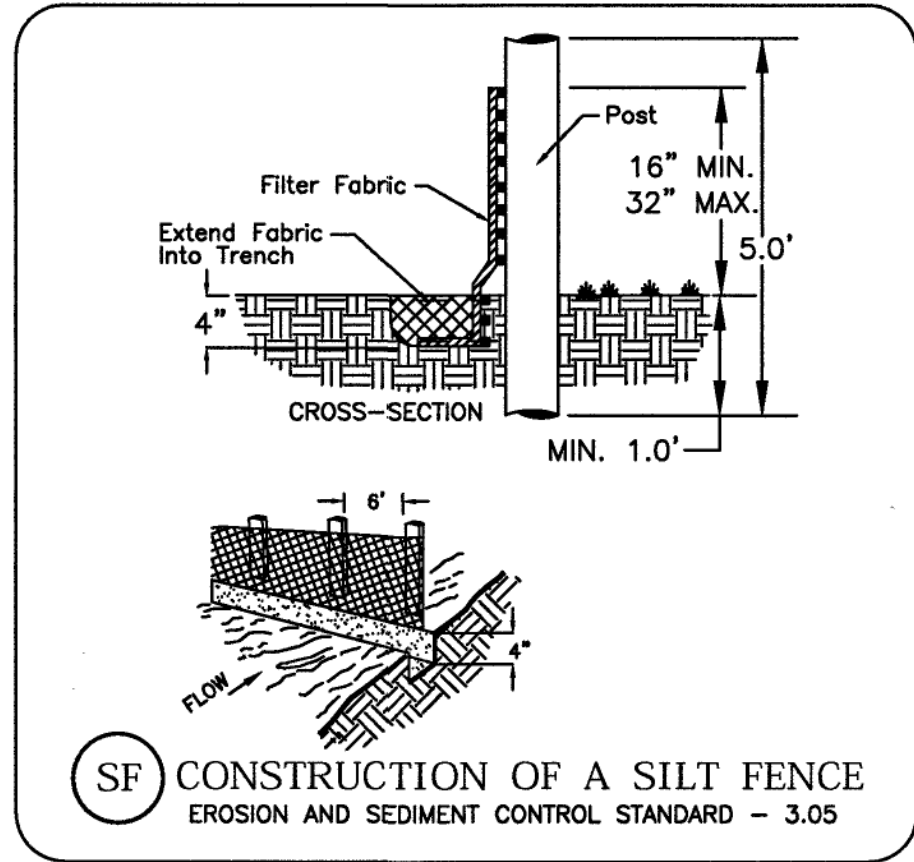


6" PATIO GRATE DRAIN TYP.

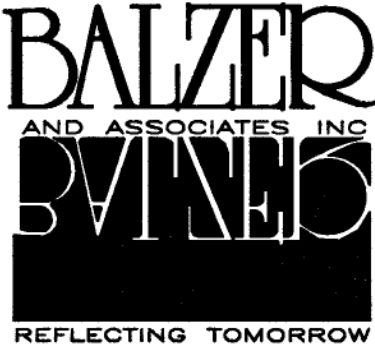
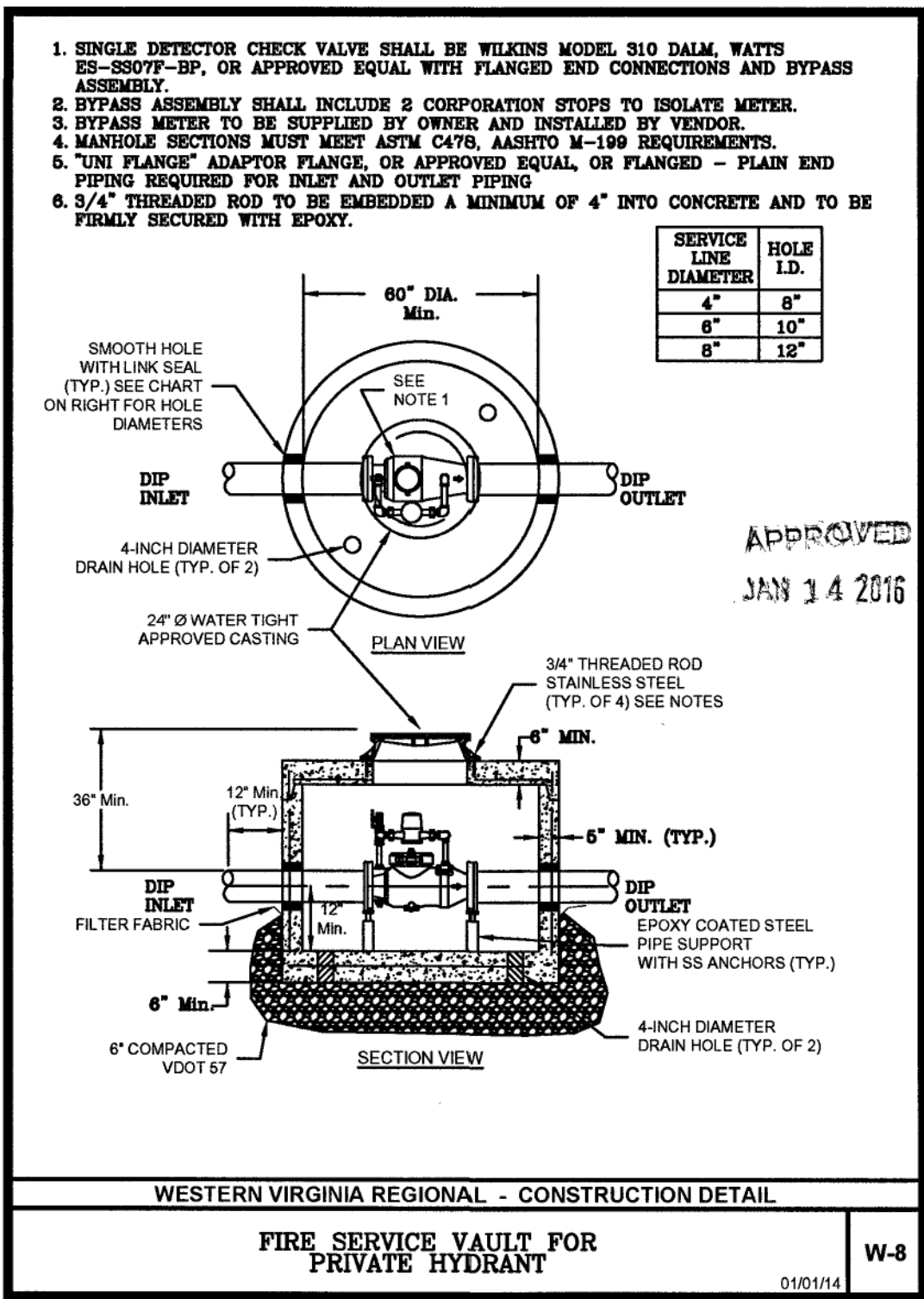
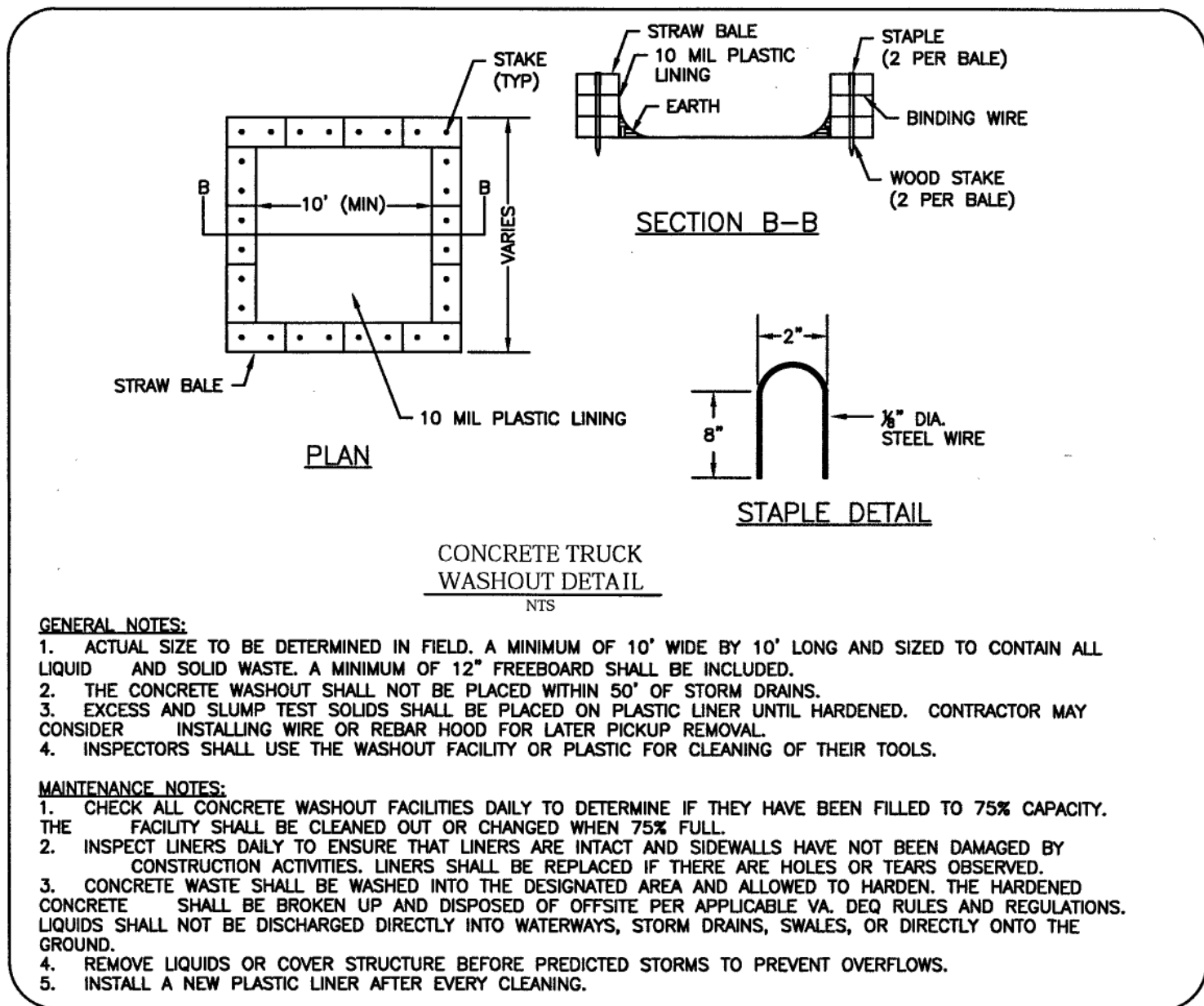
N.T.S.

TABLE 3.32-C (Revised June 2003) PERMANENT SEEDING SPECIFICATIONS FOR APPALACHIAN/MOUNTAIN AREA			PS
LAND USE	SPECIES	APPLICATION RATES	
Minimum Care Lawn (Commercial or Residential)	Tall Fescue <sup>1</sup> Perennial Ryegrass <sup>2</sup> Kentucky Bluegrass <sup>1</sup>	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 <sup>1</sup>	TOTAL: 125 lbs.	
General Slope (3:1 or less)	Tall Fescue <sup>1</sup> Red Top Grass or Creeping Red Fescue Seasonal Nurse Crop <sup>3</sup>	125 lbs. 2 lbs. 20 lbs. TOTAL: 150 lbs.	
Low-Maintenance Slope (Slopes greater than 3:1)	Tall Fescue <sup>1</sup> Red Top Grass or Creeping Red Fescue Seasonal Nurse Crop <sup>3</sup> Crownvetch <sup>4</sup>	105 lbs. 2 lbs. 20 lbs. 20 lbs. TOTAL: 150 lbs.	
1 - When selecting varieties of turfgrass, use the Virginia Crop Improvement Association (Vicia) recommended turfgrass variety list. Quality seed will bear a label indicating that they are approved by Vicia. A current turfgrass variety list is available at the local County Extension office or through Vicia at 804-746-4884 or at <a href="http://www.vicia.org/turfgrass/turfgrassselections.htm">http://www.vicia.org/turfgrass/turfgrassselections.htm</a>			
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 <sup>th</sup> Annual Rye			
May 16 <sup>th</sup> - August 15 <sup>th</sup> Fodder Millet			
August 16 <sup>th</sup> - 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 600 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: - 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 <a href="http://www.dor.state.va.us/bw/els.htm#nbs">http://www.dor.state.va.us/bw/els.htm#nbs</a>			

TABLE 3.31-B (Revised June 2003) TEMPORARY SEEDING SPECIFICATIONS QUICK REFERENCE FOR ALL REGIONS			TS
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 Erosion & Sediment Control Technical Bulletin #4, 2003 Nutrient Management for Development Sites at <a href="http://www.dor.state.va.us/bw/els.htm#nbs">http://www.dor.state.va.us/bw/els.htm#nbs</a>			



SF CONSTRUCTION OF A SILT FENCE  
EROSION AND SEDIMENT CONTROL STANDARD - 3.05

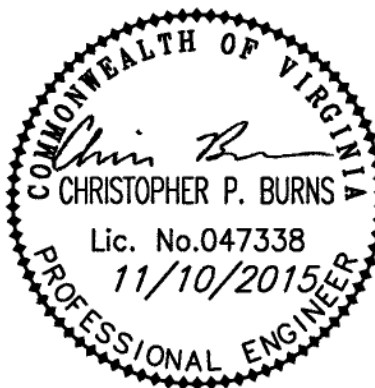


Roanoke  
New River Valley  
Richmond  
Staunton  
Harrisonburg

RESIDENTIAL LAND DEVELOPMENT ENGINEERING  
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WETLAND DELINEATIONS & STREAM EVALUATIONS

Balzer and Associates, Inc.

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



515 8th STREET LOFTS  
515 8TH ST SW  
SITE DETAILS  
CITY OF ROANOKE, VIRGINIA

DRAWN BY ELZ  
DESIGNED BY BTC  
CHECKED BY BTC  
DATE 7/15/2015  
SCALE AS NOTED

REVISIONS:  
9/4/2015  
9/21/2015  
11/2/2015  
11/10/2015

SHEET NO.

C4

JOB NO. 03150022.00