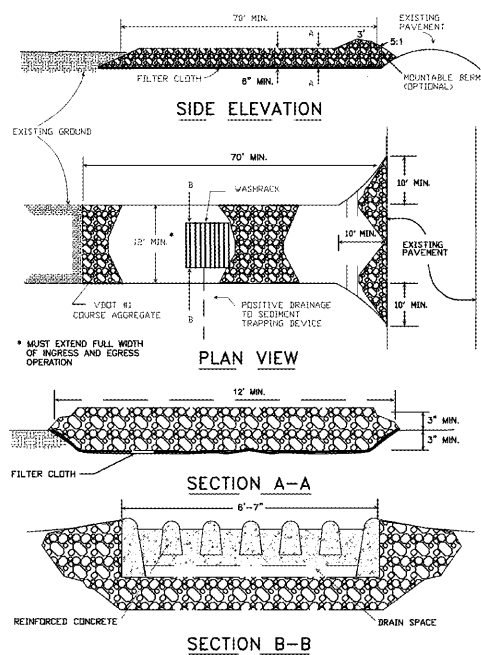


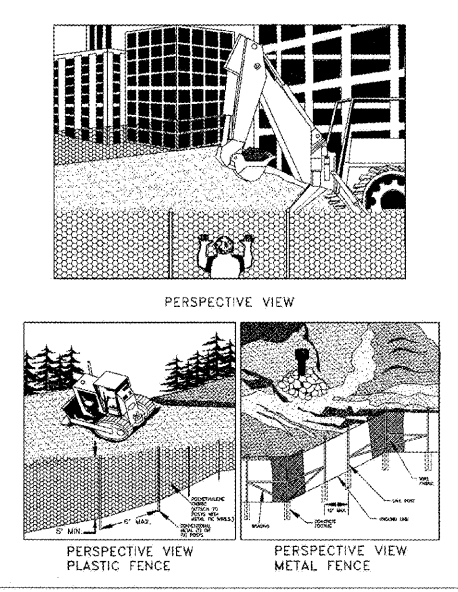
STONE CONSTRUCTION ENTRANCE



SOURCE: ADAPTED FROM 1983 Maryland Standards for Soil Erosion and Sediment Control, and Va. DSWC Plate 3.02-1

CE CONSTRUCTION ENTRANCE (NO. 3.02)

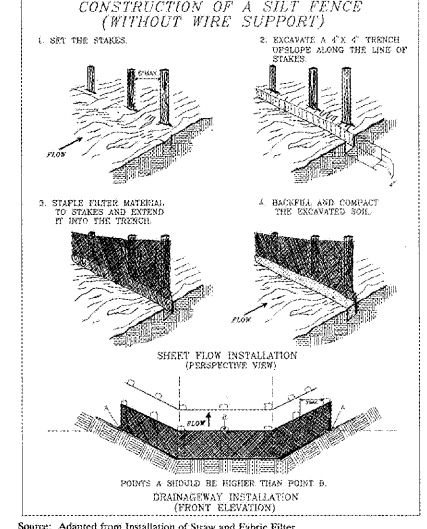
SAFETY FENCE



SOURCE: ADAPTED FROM CONCRETE PLASTICS AND VDOT ROAD AND BRIDGE STANDARDS Plate 3.01-1

SAF SAFETY FENCE (NO. 3.01)

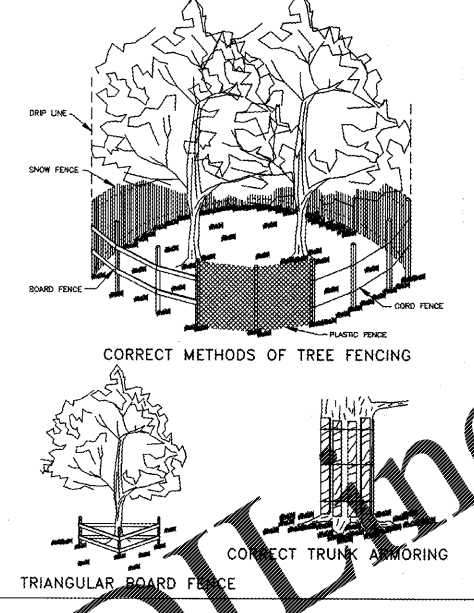
CONSTRUCTION OF A SILT FENCE (WITHOUT WIRE SUPPORT)



SOURCE: ADAPTED FROM INSTALLATION OF STRAW AND FABRIC FILTER BARRIERS FOR SEDIMENT CONTROL, SHERWOOD AND WYANT Plate 3.05-2

SF SILT FENCE (NO. 3.05)

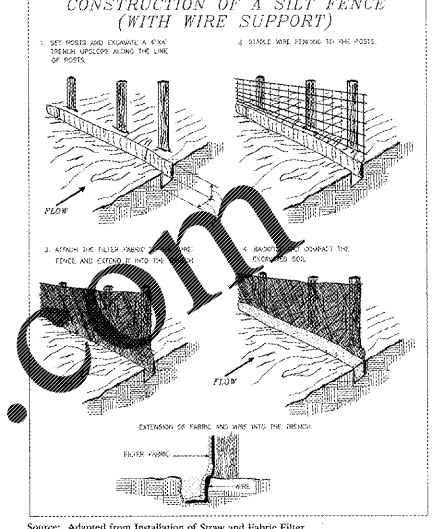
FENCING AND ARMORING



SOURCE: VEC, DSWC Plate 3.38-2

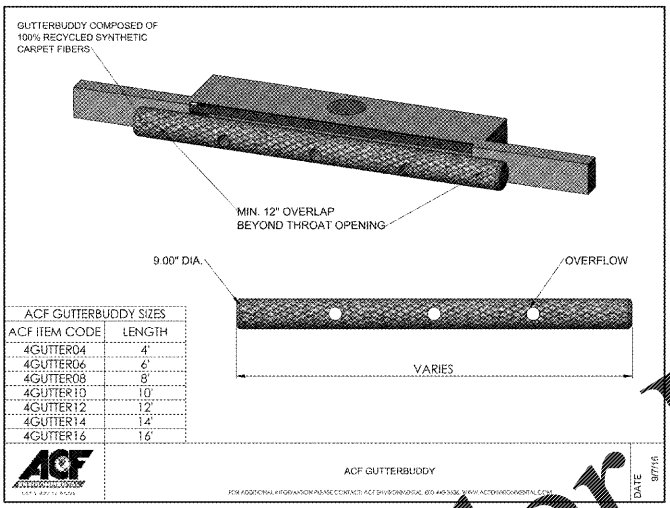
TP TREE PROTECTION (NO. 3.38)

CONSTRUCTION OF A SILT FENCE (WITH WIRE SUPPORT)



SOURCE: ADAPTED FROM INSTALLATION OF STRAW AND FABRIC FILTER BARRIERS FOR SEDIMENT CONTROL, SHERWOOD AND WYANT Plate 3.05-1

SF SUPER SILT FENCE (NO. 3.05)



DATE: 8/7/15

IP GUTTER BUDDY

TABLE 3.31-B ACCEPTABLE TEMPORARY SEEDING PLANT MATERIALS

Plant Material	Rate (lbs./acre)	
1 - Feb	50/50 Mix of Annual Ryegrass (Lolium multi-florum) & Cereal (Winter) Rye (Secale cereale)	50 - 100
Feb 16 - Apr 30	Annual Ryegrass (Lolium multi-florum)	50 - 100
May 1 - Aug 31	German Millet (Setaria italica)	50

SOURCE: VA, DSWC

TS TEMPORARY SEEDING (NO. 3.31)

PERMANENT SEEDING SCHEDULE (NO. 3.32)

Seeding Rates	Lime and Fertilizer	Seeding Procedure	Mulching	Maintenance	
-50/50 Mix Perennial Rye and Fescue Mix -Seasonal Nurse Crop*	- 110 LBS/Ac - 20 LBS/Ac	Contractor shall submit topsoil sample for analysis by an accredited soil lab and provide lime and/or fertilizer as recommended. * Use seasonal nurse crop in accordance with seeding dates as stated below: February through April Annual Rye May 1st through August Fescue September, October through November 15th Annual Rye November 16th through January Winter Rye ** May through October, seed hulled seed. All other seeding periods, use unhulled seed.	Certified seed will be used for all permanent seeding. Certified seed must be inspected by the Virginia Crop Improvement Association or the Certifying agency in other states. Apply seed uniformly with a broadcast seeder, drill, culti-packer seeder, or hydroseeder on a firm, stable seedbed. Seeding depth should be 1/4 to 1/2 inch. Topsoil: Impact of topsoil is required for semi permanent and permanent seeding if: 1. Existing soil contains less than 25% fine grained materials (silt and clay). 2. Existing soil porosity prevents adequate root penetration. 3. Existing soil contains concentrations of toxic elements. Composition of topsoil: 1. 35% minimum of fine grained materials 2. 1.5% minimum of organic materials Topsoil shall be placed at four (4) inch depth minimum.	1-1/2 to 2 tons straw per acre or 1500 LBS wood chips per acre or 43,560 SF Jute mat per acre or 4 to 6 tons Corn Stalks or Wood chips per acre Mulch immediately after seeding is complete. Apply at a uniform rate completely covering the seeded area at a density of 50% - 75%.	Irrigate, repair, replace, and reseed as necessary to firmly establish healthy grass.

PS PERMANENT SEEDING SCHEDULE (NO. 3.32)

Kimley»Horn
© 2018 KIMLEY-HORN AND ASSOCIATES, INC.
11400 COMMERCE PARK DR., SUITE 400, RESTON, VA 20191
PHONE: 703-674-1300 FAX: 703-674-1350
WWW.KIMLEY-HORN.COM

1 PWC COMMENTS - 1ST ROUND 09/10/2018/CAH
2 PWC COMMENTS - 2ND ROUND 11/02/2018/CAH
3 PWC COMMENTS - SIGNATURE SET 02/26/2019/CAH
4 UTILITY REVISIONS 07/25/2019/CAH

REVISIONS
DATE
BY

ROSS STEVENS
Lic. No. 047498
PROFESSIONAL ENGINEER

KHA PROJECT 110499001
DATE 02/06/2019
SCALE AS SHOWN
DESIGNED BY JLM
DRAWN BY JLM
CHECKED BY RSS

EROSION AND SEDIMENT CONTROL DETAILS

WAWA - SUDLEY ROAD
PREPARED FOR FRONTIER DEVELOPMENT
PRINCE WILLIAM COUNTY VA