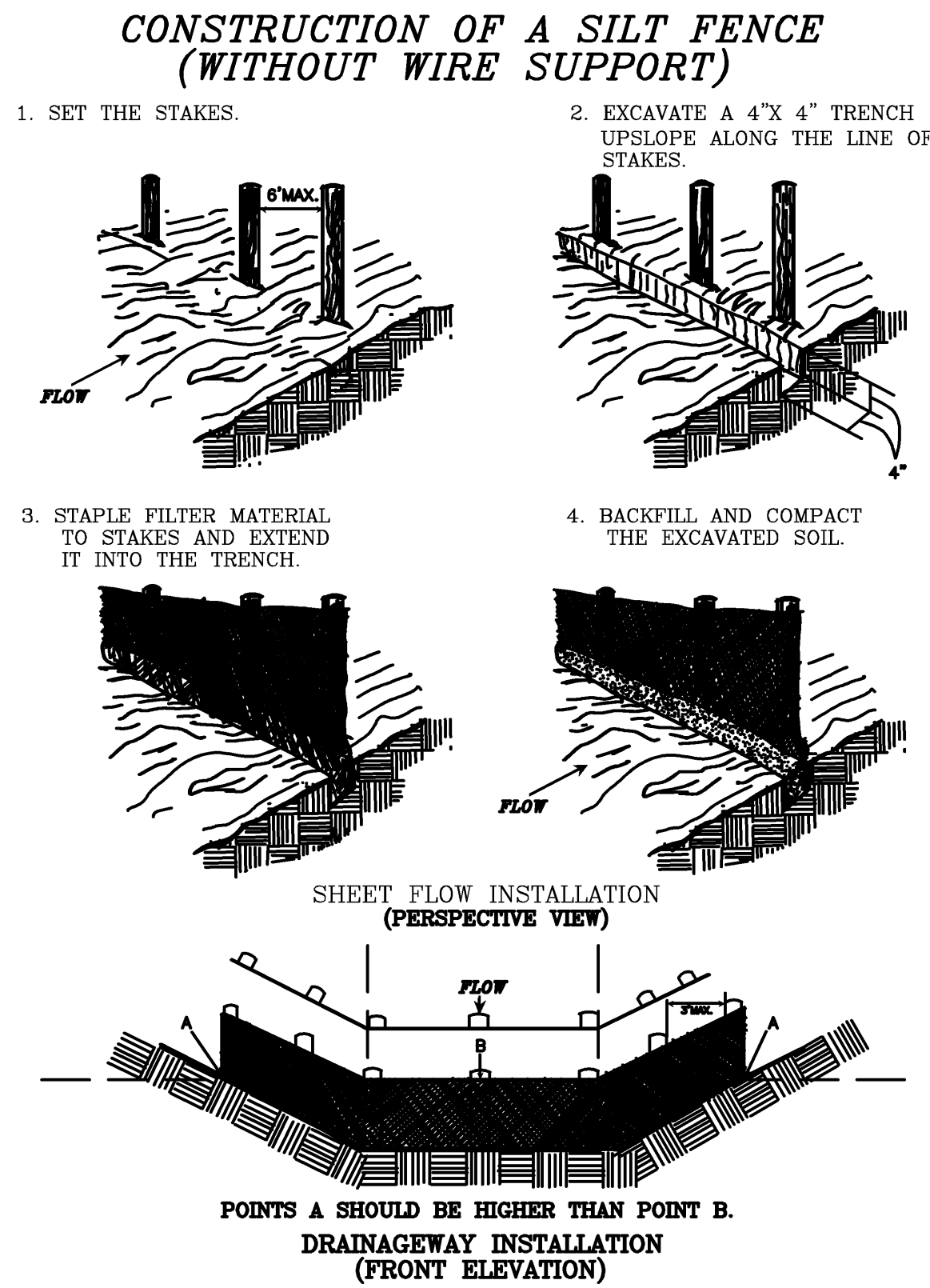


STONE CONSTRUCTION ENTRANCE

CE



SILT FENCE

SF

TABLE 3.31-B ACCEPTABLE TEMPORARY SEEDING PLANT MATERIALS "QUICK REFERENCE FOR ALL REGIONS"									
Planting Dates	Species	Rate (lbs./acre)							
Sept. 1 - Feb. 15	50/50 Mix of Annual Ryegrass (<i>Lolium multi-florum</i>) & Cereal (Winter) Rye (<i>Secale cereale</i>)	50 - 100							
Feb. 16 - Apr. 30	Annual Ryegrass (<i>Lolium multi-florum</i>)	60 - 100							
May 1 - Aug. 31	German Millet (<i>Sesuvia italica</i>)	50							

TABLE 3.31-C TEMPORARY SEEDING PLANT MATERIALS, SEEDING RATES, AND DATES									
SPECIES	SEEDING RATE		NORTH ^a			SOUTH ^b			PLANT CHARACTERISTICS
	Acres	1000 ft ²	3/1 to 4/30	5/1 to 8/15	8/15 to 11/1	2/15 to 4/30	5/1 to 9/1	9/1 to 11/15	
OATS (<i>Avena sativa</i>)	1 bu. (up to 100 lbs., not less than 50 lbs.)	2 lbs.	X	-	-	X	-	-	Use spring varieties (e.g., Nobles).
RYE ^c (<i>Secale cereale</i>)	2 bu. (up to 100 lbs., not less than 50 lbs.)	2.5 lbs.	X	-	X	X	-	X	Use for late fall seedings, winter cover. Tolerates cold and low moisture.
GERMAN MILLET (<i>Sesuvia italica</i>)	50 lbs.	approx. 1 lb.	-	X	-	-	X	-	Warm-season annual. Dies at first frost. May be added to summer mixes.
ANNUAL RYEGRASS ^d (<i>Lolium multi-florum</i>)	60 lbs.	1 1/2 lbs.	X	-	X	X	-	X	May be added in mixes. Will grow out of most stands.
WEEPING LOVEGRASS (<i>Eragrostis curvula</i>)	15 lbs.	3/4 lbs.	-	X	-	-	X	-	Warm-season perennial. May branch. Tolerates hot, dry slopes and acid, infertile soils. May be added to mixes.
KOREAN LESPEDEZA ^e (<i>Lonicera stimulans</i>)	25 lbs.	approx. 1 1/4 lbs.	X	X	-	X	X	-	Warm season annual legume. Tolerates acid soils. May be added to mixes.

^a Northern Piedmont and Mountain region. See Plates 3.22-1 and 3.22-2.
^b Southern Piedmont and Coastal Plains.
^c May be used as a cover crop with spring seeding.
^d May be used as a cover crop with fall seeding.
^e May be planted between these dates.
^f May not be planted between these dates.

TEMPORARY SEEDING MIXTURE

TS

TYPE A

15 OCTOBER TO 1 FEBRUARY
K-31 FESCUE • 5 LB / 1000 SF

1 FEBRUARY TO 1 JUNE
K-31 FESCUE • 5 LB / 1000 SF
ANNUAL RYE • 1/2 LB / 1000 SF

1 JUNE TO 1 SEPTEMBER
K-31 FESCUE • 5 LB / 1000 SF

1 SEPTEMBER TO 15 OCTOBER
K-31 FESCUE • 5 LB / 1000 SF
ANNUAL RYE • 1/2 LB / 1000 SF

TYPE B (SLOPES 3:1 OR STEEPER)

15 MARCH TO 1 MAY
CROWN VETCH • 1/2 LB / 1000 SF
PERENNIAL RYEGRASS • 1/2 LB / 1000 SF
RED TOP • 1/8 LB / 1000 SF

15 AUGUST TO 1 OCTOBER
CROWN VETCH • 1/2 LB / 1000 SF
PERENNIAL RYEGRASS • 1/2 LB / 1000 SF
RED TOP • 1/8 LB / 1000 SF

LIME: 90 LB / 1000 SF PULVERIZED AGRICULTURAL LIMESTONE

FERTILIZER:

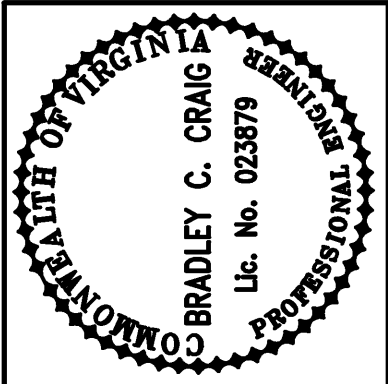
MULCH: IF REQUIRED, SHALL BE USED OVER ALL SEEDING AREAS AND SHALL BE APPLIED IN ACCORDANCE WITH SECTION 3.35 OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.

SOIL CONDITIONING: INCORPORATION OF LIME AND FERTILIZER, SELECTION OF CERTIFIED SEED, MULCHING, MAINTENANCE OF NEW SEEDLINGS, AND RESEEDING SHALL BE IN ACCORDANCE WITH SPECIFICATIONS CONTAINED WITHIN THE VIRGINIA SOIL EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION. ADDITIONAL SEEDING TO BE PERFORMED AS REQUIRED BY THE INSPECTOR.

SEED APPLICATION: APPLY SEED UNIFORMLY WITH A CYCLONE SEEDER, DRILL, CULTIPACKER SEEDER, OR HYDROSEEDER ON A FIRM, FRIABLE, SEEDBED. MAXIMUM SEEDING DEPTH SHALL BE 1/4 INCH.

PERMANENT SEEDING MIXTURE

PS



Issue Date:	12/13/11	9/28/12			
Revisions	1. VDOT COMMENTS	2. RECORD DRAWINGS			

Issue Date: DECEMBER 4, 2011	Drawn By: ARB	Designed By: ARB	Checked By: ECC	Date: 12/11/11
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**M1**
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CLOVERDALE WATERLINE EXTENSION
EROSION AND SEDIMENT
CONTROL DETAILS
BOTETOURT COUNTY, VIRGINIA

Vertical Scale:
N/A

Horizontal Scale:
N/A

Commission Number:
3178

Sheet No.:

C-11