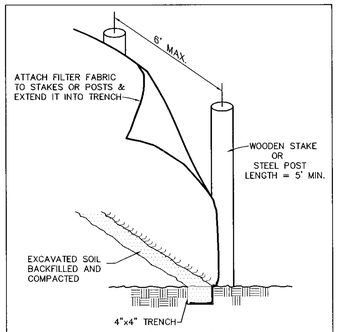


SF **SILT FENCE**
(WITHOUT WIRE SUPPORT)
NO SCALE

SOURCE:
VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, 1993, 3RD ED.
PLATE: 3.05-2

PERMANENT SEEDING

TABLE 3.32-D
SITE SPECIFIC SEEDING MIXTURES FOR PIEDMONT AREA

SITE CONDITIONS	SEEDING MIXTURES		RATES PER ACRE	* SEASONAL NURSE CROP ~ DATES 2/16 TO 4/30	5/1 TO 8/15	8/16 TO 10/31	11/1 TO 2/15
HIGH MAINTENANCE LAWNS	TURF-TYPE TALL FESCUE KENTUCKY 31 FESCUE	OR	200-250 LBS.				
MINIMUM CARE LAWN	KENTUCKY 31 FESCUE TURF-TYPE TALL FESCUE >OR< IMPROVED PERENNIAL RYEGRASS KENTUCKY BLUEGRASS	95%-100% 0%-5% 0%-5%	175-200 LBS.				
GENERAL SLOPE (3:1 OR LESS)	KENTUCKY 31 FESCUE RED TOP GRASS SEASONAL NURSE CROP *	128 LBS. 2 LBS. 20 LBS.	150 LBS.	ANNUAL RYE	FOXTAIL MILLET	ANNUAL RYE	WINTER RYE
LOW-MAINTENANCE SLOPE (STEEPER THAN 3:1)	KENTUCKY 31 FESCUE RED TOP GRASS SEASONAL NURSE CROP * CROWNVETCH **	108 LBS. 2 LBS. 20 LBS. 20 LBS.	150 LBS.	ANNUAL RYE	FOXTAIL MILLET	ANNUAL RYE	WINTER RYE

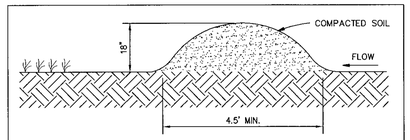
** SUBSTITUTE SERICEA LESPEDEZA FOR CROWNVETCH EAST OF FARMVILLE, VA. (MAY THROUGH SEPTEMBER USE HULLED SERICEA, ALL OTHER PERIODS, USE UNHULLED SERICEA). IF FLATPEA IS USED IN LIEU OF CROWNVETCH, INCREASE RATE TO 30 LBS./ACRE. ALL LEGUME SEED MUST BE PROPERLY INOCULATED. WEEPING LOVEGRASS MAY BE ADDED TO ANY SLOPE OR LOW-MAINTENANCE MIX DURING WARMER SEEDING PERIODS. ADD 10-20 LBS./ACRE IN MIXES.

TABLE 3.31-C
TEMPORARY SEEDING PLANT MATERIALS, SEEDING RATES, AND DATES.

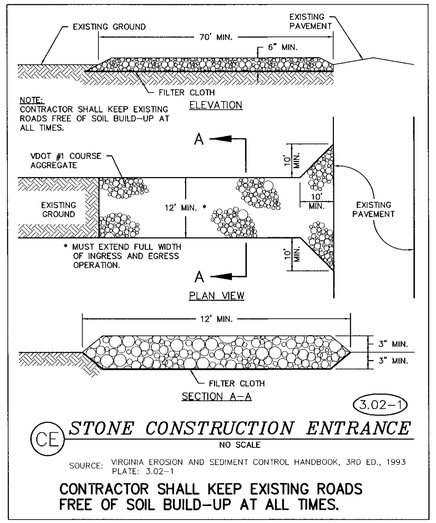
SPECIES	SEEDING RATES: ACRE	1000 SQ. FT.	NORTH[a]: 3/1 to 4/30	5/1 to 8/15	8/16 to 11/1	SOUTH[b]: 2/16 to 4/30	5/1 to 8/1	8/1 to 11/15	PLANT CHARACTERISTICS
OATS (Avena sativa)	3 bu. (UP TO 100 lbs., NOT LESS THAN 50 lbs.)	2 lbs.	X	—	—	X	—	—	Use spring varieties (e.g., Noble)
RYE[d] (Secale cereale)	2 bu. (UP TO 110 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 (Seteria italica)	50 lbs.	approx. 1 lb.	—	X	—	—	X	—	Warm-season annual. Dies at first frost. May be added to summer mixes.
ANNUAL RYEGRASS[c] (Lolium multi-florum)	60 lbs.	1.5 lbs.	X	—	X	X	—	X	May be added in mixes. Will mow out of most stands.
WEEPING LOVEGRASS (Eragrostis curvula)	15 lbs.	5.5 ozs.	—	X	—	—	X	—	Warm-season perennial. May bunch. Tolerates hot, dry slopes and acid, infertile soils. May be added to mixes.
KOREAN LESPEDEZA (Lespedeza stipulacea)	25 lbs.	approx. 1.5 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 PLAIN.
c MAY BE USED AS A COVER CROP WITH SPRING SEEDING.
d MAY BE USED AS A COVER CROP WITH FALL SEEDING.

X MAY BE PLANTED BETWEEN THESE DATES.
— MAY NOT BE PLANTED BETWEEN THESE DATES.



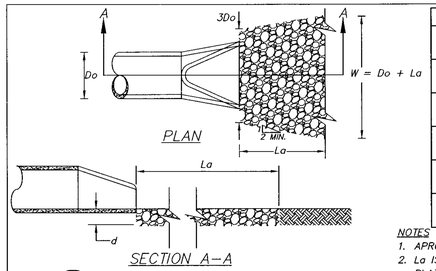
DD **TEMPORARY DIVERSION DITCH** 3.09-1
NO SCALE



CE **STONE CONSTRUCTION ENTRANCE** 3.02-1
NO SCALE

SOURCE: VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, 3RD ED., 1993
PLATE: 3.02-1

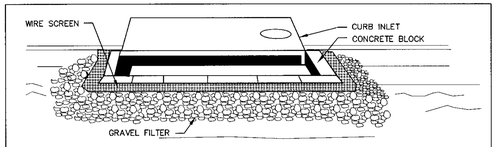
CONTRACTOR SHALL KEEP EXISTING ROADS FREE OF SOIL BUILD-UP AT ALL TIMES.



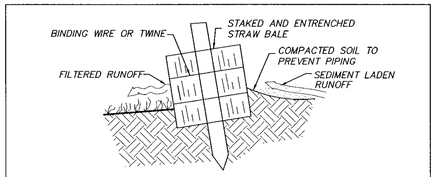
	La	d	W
OP1	4' (USE 10')	9"	5.25'
OP2	9' (USE 10')	9"	10.25'
OP3	2' (USE 10')	9"	3.25'
OP4	13' (USE 20')	9"	15.0'
OP5	12' (USE 20')	9"	14.5'
OP6	10' (USE 10')	9"	12.5

NOTES
1. APRON LINING MAY BE RIPRAP, OR GROUTED RIPRAP.
2. La IS THE LENGTH OF THE RIPRAP APRON AS CALCULATED USING PLATES 3.18-3 AND 3.18-4 OF VA E&S HANDBOOK.
3. d = 1.5 TIMES THE D50 SIZE.
4. GEOTEXTILE FABRIC UNDERLINER REQUIRED FOR ALL OUTLET PROTECTION AREAS.

OP **PIPE OUTLET CONDITIONS** 3.18-1
NO SCALE



BLOCK AND GRAVEL CURB INLET SEDIMENT FILTER
NO SCALE



STB **CROSS-SECTION OF A PROPERLY INSTALLED STRAW BALE** 3.04-1
NO SCALE

COMMONWEALTH OF VIRGINIA
DERRICK A. JOHNSON
No. 24761
OCTOBER 10, 2005
PROFESSIONAL ENGINEER

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DATE	REVISION DESCRIPTION
07-13-05	COUTNY COMMENTS
10-10-05	COUNTY COMMENTS

TIMMONS GROUP

THE MEADOWS @ PRINCE GEORGE - SECTION 1
BLAND DISTICT * PRINCE GEORGE COUNTY, VIRGINIA
EROSION CONTROL NOTES & DETAILS

DATE	11 APR 2005
DRAWN BY	K. HALPAUS
DESIGNED BY	D. JOHNSON
CHECKED BY	D. JOHNSON
SCALE	NONE
JOB NO.	21950
SHEET NO.	C4.3

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