

4"x4" TRENCH-

* VIRGINIA EROSION & SEDIMENT CONTROL HANDBOOK

SPECIFICATION NUMBER

FENCE

(WITHOUT WIRE SUPPORT)

SITE SPECIFIC SEEDING MIXTURES FOR PIEDMONT AREA RATES * SEASONAL NURSE CROP - DATES SEEDING MIXTURES ACRE 4/30 8/15 10/31 2/15 GENERAL SLOPE (3:1 OR

EROSION CONTROL GENERAL NOTES

PRIOR TO COMMENCING ANY LAND DISTURBANCE ACTIVITIES ON THE SITE.

2. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION

AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED

GEORGE COUNTY ORDINANCE INCLUDING THE VIRGINIA EROSION AND SEDIMENT

CONTROL HANDBOOK AND VIRGINIA REGULATIONS 4VAC50-30 EROSION AND

PRECONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF

LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.

ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR

5. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE

ROW OR WASTE AREAS), THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY

THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ANY ADDITIONAL

EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMEN-

SURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE

9. DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO AN APPROVED

WEEKS AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY

REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CON-

DENUDED AREAS THA MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THEN 30 DAYS, PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE LEFT DORMANT FOR MORE THAN ONE YEAR.

12. THE CONTRACTOR IS RESPONSIBLE FOR DAILY REMOVAL OF SEDIMENT THAT HAS

MOVEMENT OF DUST FROM EXPOSED SOILS WHICH MAY PRESENT A HEALTH HAZARD, TRAFFIC SAFETY PROBLEM, OR HARM ANIMAL OR PLANT LIFE.

1. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES EVERY TWO

TATION AS DETERMINED BY THE PLAN APPROVING AUTHORITY.

DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.

TROL DEVICES SHALL BE MADE IMMEDIATELY.

SEDIMENT CONTROL REGULATIONS.

PLAN APPROVING AUTHORITY.

TO OR AS THE FIRST STEP IN CLEARING.

MAINTAINED ON THE SITE AT ALL TIMES.

ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE PRINCE

SPECIES	SEEDING RATES		NORTH ^a			SOUTH ^b			PLANT
	ACRE	1000 SQ. FT.	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 (Av e na sativa)	3 bu. (UP TO 100 lbs., NOT LESS THAN 50 lbs.)	2 lbs.	Х	-		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	1	X	X	:	X	Use for late fall seedings, winter cover. Tolerates cold and low moisture.
GERMAN MILLET (Seteria itolica)	50 lbs.	арргох. 1 lb.		X	_		Χ		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		×	May be added in mixes. Will mow out of most stands.
WEEPING LOVEGRASS (Eragrostis curvula)	15 lbs.	5.5 ozs.		X	ì	—	X	-	Warm—season perrennial. 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	Х	_	X	X		Warm—season annual legume. Tolerates acid solls. May be added to mixes.

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

SUCH AS FLATPEA, FOR ANY WINTER STABILIZATION. SEEDING PERIODS; ADD 10-20 LBS. /ACRE IN MIXES

EXISTING -

PAVEMENT

- EXISTING GROUND

ROADS FREE OF SOIL BUILD-UP AT

* MUST EXTEND FULL WIDTH

OF INGRESS AND EGRESS OPERATION.

<u>PLAN_VIEW</u>

- 12' MIN. -

SECTION A-A

CONTRACTOR SHALL KEEP EXISTING ROADS

FREE OF SOIL BUILD-UP AT ALL TIMES.

FILTER CLOTH

STONE CONSTRUCTION ENTRANCE

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

ALL TIMES.

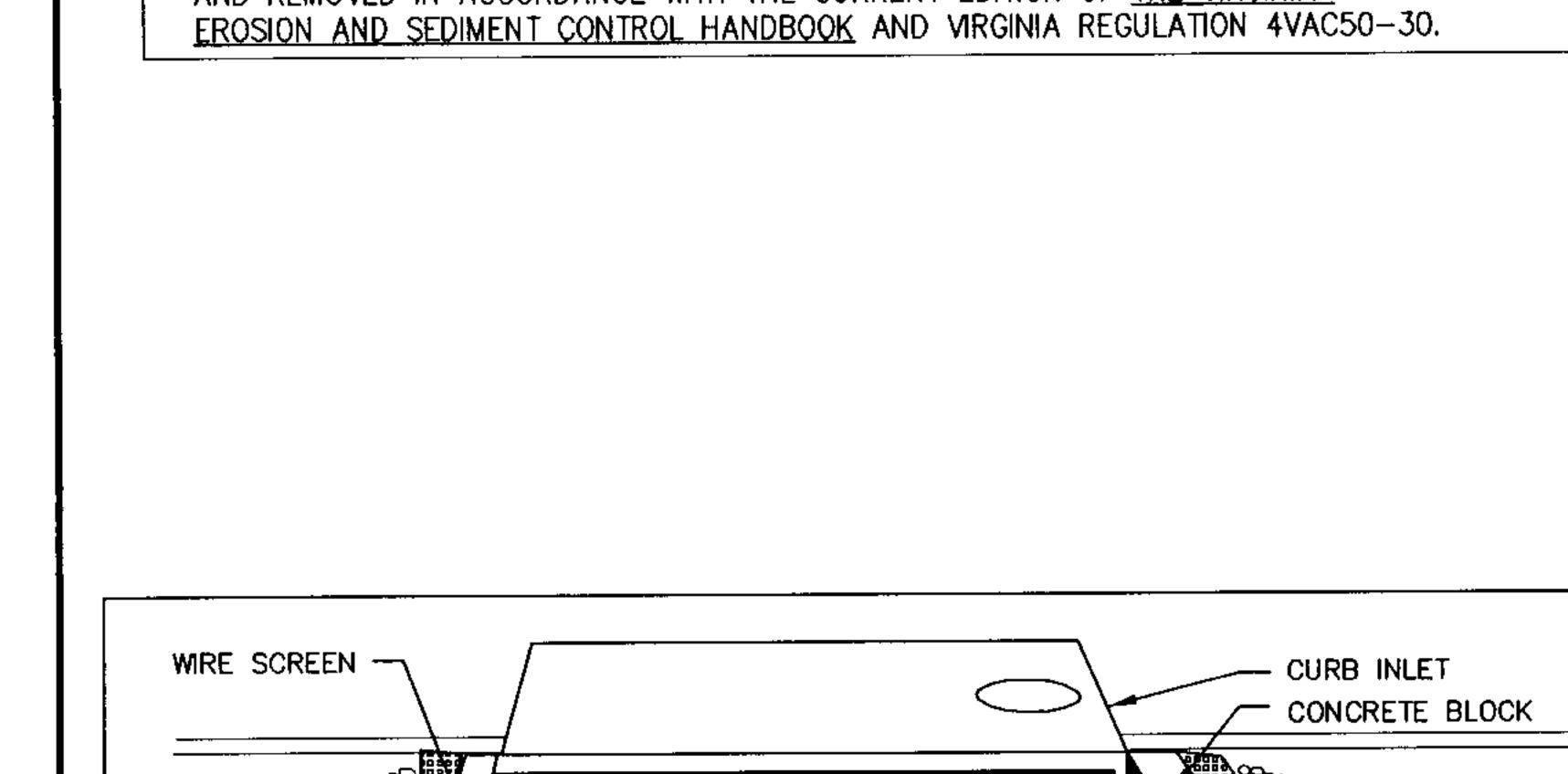
VDOT #1 COURSE

GRAPHIC SCALE

(IN FEET)

1 inch = 100 ft.

------- PROPOSED DRAINAGE BOUNDARY



EROSION CONTROL SEQUENCE OF EVENTS

AND PERIMETER SILT FENCE AS PER PLAN.

BELOW TRAPS AT THIS TIME.

DOWNSTREAM PROPERTIES.

HAS BEEN OBTAINED.

INLET PROTECTION AS PER PLAN.

1. NOTIFY THE PRINCE GEORGE COUNTY PLANNING DEPT. AT (804) 733—2608 FOR A PRE—CONSTRUCTION MEETING AND ON—SITE VISIT ONE WEEK PRIOR TO BEGINNING CONSTRUCTION.

BEGIN CLEARING AND GRUBBING OPERATIONS. STABILIZE THE SITE WITH VEGETATION AND

BUILD STORM SEWER TO SEDIMENT TRAPS ONLY. DO NOT CONSTRUCT TO OUTFALL POINTS

IMMEDIATELY AFTER PLACING BASE STONE AND INSTALATION OF CURB & GUTTER, INSTALL

FINISH ROAD CONSTRUCTION AS SHOWN ON PLANS. SEED DENUDED AREAS AS SOON AS

9. NO EROSION CONTROL DEVICE SHALL BE REMOVED UNTIL AN ADEQUATE STAND OF GRASS

STORM SEWER STRUCTURES TO REMOVE ANY ACCUMULATED SEDIMENT. REMOVE TEMPORARY

POSSIBLE AND MULCH ALL DISTURBED AREAS. INSTALL PAVEMENT.



SEDIMENT FILTER

EROSION CONTROL NARRATIVE IMPERVIOUS SURFACES.

VI CRITICAL AREAS: WATERS OF THE US ARE LABELED ON SHEETS C2.0 AND C4.0. AREAS OF STEEP SLOPES

CALCULATIONS: ALL STORM SEWER AND MS-19 ANALYSIS CALCULATIONS HAVE BEEN SUBMITTED TO COUNTY

CONSTRUCTION, INCREASED RUNOFF WILL BE MANAGED THROUGH THE USE OF SILT TRAPS.

PROTECT AREAS TAHT ARE NOT TO BE DISTURBED WITH THIS SECTION.

OFFSITE AREAS: THERE ARE NO OFFSITE AREAS.

WETLANDS CONSIST OF HIGHLY ERODIBLE SOILS.

IN ACCORDANCE WITH TABLES ON THIS SHEET.

AND STATE OFFICIALS FOR REVIEW.

DERRICK A. JOHNSON Lic. No. 24761

BY THE CONSTRUCTION OF THIS PHASE. OFFSITE IMPACTS WILL BE ADDRESSED WITH FUTURE SECTIONS AS

'I <u>PERMANENT STABILIZATION:</u> ALL DENUDED AND UNGRAVELLED AREAS SHALL BE SEEDED IN ACCORDANCE WITH STATE REGULATIONS. OUTLET PROTECTION AT CRITICAL OUTFALLS WILL ALSO SERVE AS PERMANENT

K. HALPAUS

DESIGNED BY K. HALPAUS D. JOHNSON

SOIL CLASSIFICATION 1B ACKWATER SILT LOAM, 2-6% SLOPES K = 0.43

K = 0.43

24423

WARRING TOWNS CONTROL LIMITS OF SOIL TYPE

---- EXISTING CONTOURS

PROPOSED CONTOURS

-- -- -- -- SEDIMENT TRAP DRAINAGE AREA

4B AYCOCK SILT LOAM, 2-6% SLOPES 11B EMPORIA FINE SANDY LOAM, 2-6% SLOPES K=0.28 12F EMPORIA SOILS, 15-45% SLOPES

1C ACKWATER SILT LOAM, 6-10% SLOPES

K=0.37K = 0.28 SHEET NO.