EROSION AND SEDIMENT CONTROL NARRATIVE

PROJECT RESEMPTION.
THIS PROJECT IS LOCATED OFF TWO FORD ROAD IN ROMNOKE COUNTY. THE PURPOSE OF THIS PROJECT IS THE CONSTRUCTION OF A NEW SAMITARY SEWER LINE AND THE **CONTROLLENT OF THE EXISTING CANTURBURY PARK SEVER LIFT STATION.** PPRONIMATELY 0.48 ACRES OF LAND WILL BE DISTURBED WITH THIS PROJECT.

SERVICE SIE CONDITIONS THE SITE IS MAINLY WOODED, INCORPARELY SLOPING (2% — 13K), WITH SOME STEEP SLOPE ANEAS (2014 - 4710). VESITATION IS PRIMARILY FUREST WITH MODERATE BRUSH. THE ENTIRE SITE DRAINS INTO AN UNMAKED TRIBUTARY OF MUD LICK CREEK. THIS PROJECT WILL NOT ALTER THIS DRAINAGE PATTERN.

MANAGEST, AND A.
THIS DEVELOPMENT IS BONDERED ON THE NORTH AND EAST BY RESIDENTIAL PROPERTY, TO THE SOUTH BY TWO FORD ROAD AND TO THE NEST BY RESIDENTIAL PROPERTY

NO OFFSITE BORROW OR FILL AMEAS ARE ASSOCIATED WITH THIS PROJECT.

A SOUS MAP SHOWING THE LOCATION OF VARIOUS SOUS WITHIN THE CONSTRUCTION AREA IS SUBMITTED WITH THIS PLAN SET.

STABOL SOIL NAME, TYPE, SLOPE RANGE X DISTURBED AREA HAYESVILLE FINE SANDY LOAM, 25/50

THE POLLOWING SYMBOLS CORRESPOND WITH SOIL TYPES ON THE MAP.

erosion potential

TYPICAL SECURENCE, DEPTH AND COMPOSITION LAYERS IN THE SOILS ARE AS FOLLOWS:

260 Hayeeville fine eandy loam, 15 to 23% slepes Surface leyer: 0–4 Inches, dark L 0-4 Inches, dark brown fine sandy learn 4 to 8 Inches, brown fine sandy learn 8 to 15 Inches, strong brown learn

15 to 24 Inches, yellowish red cley learn 24 to 43 Inches, red clay 43 to 51 Inches, red and yellowish red cley learn 51 to 61 Inches, red, brownish yellow, and white early day loam

Surface leyer: Subsurface: Subsoit: 0-4 Inches, dark brewn fine sandy loam 4 to 8 Inches, brown the sandy form 8 to 15 inches, strong brown loam 15 to 24 inches, yellowith red clay loam 24 to 43 inches, red clay 43 to 51 inches, red and yellowith red clay loam 51 to 61 Inches, red, brownish yellow, and white sandy day loam

IT IS CRITICAL THAT THE EROSION AND SEDMENT CONTROL MEASURES SE MAINTAINED TO PREVENT ANY SEDMENT FROM REACHING THE GLADE CREEK TRIBUTARY.

CENTRAL STRONGS ALL EROSION AND SEDMENT CONTROL PRACTICES AND PROCEDURES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.

SEE DCR [MS-19] MINIMUM STANDARDS, THIS SHEET.

ROANGRE COUNTY, VIRGINIA GENERAL EROSION AND SEDMENT CONTROL NOTES.

EB-1: UNLESS STREMUSE NEIGHTED, ALL VERETATIVE AND STRUCTURAL EROSEN AND SEMILART CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINURAL STANDARDS AND SPECIFICATIONS OF THE VIRGINA EROSION AND SEDIMENT CONTROL HAVEBOOK AND VIRGINA REGULATIONS VR 625-02-00 EROSION AND SEDIMENT SEDIMENT CONTROL REGULATIONS.

ES-2 THE PLAN APPROVING ANTHONYY WHAT HE NOTIFED CHE NEEK PROOF TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO THE FRAIL INSPECTION.

ES-3: ALL ENGLIGN MAD SEMEMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEANING.

ES-4A COPY OF THE APPROVED ENCOREN AND SEMMENT CONTROL PLAN AND NAME AT AS A COPY OF THE LAND DISTURBING PERMIT, SHALL BE MAINTAINED ON THE SITE AT ALL TIMES. THE EROSION AND SEDMENT CONTROL OMINISTRATOR WILL DELINER THESE MATERIALS AT THE ONSITE PRECONSTRUCTION

ED-&PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO, OFF-SITE BORROW OR MASIE AREAS). THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND APPROVAL BY THE PLAN APPROVING

ES-A: THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE PLAN APPROVING AUTHORITY.

ES-7: ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING THE LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.

ES-& DURING DEWATERING OPERATION, WATER WILL BE PUMPED INTO AN APPROVED FILTERING DEVICE.

ES-8: THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES
PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY
NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION
CONTROL DEVICES SHALL BE MADE MIMEDIATELY. AN INSPECTION REPORT MUST BE
FILED WITH THE BOTETOURT COUNTY EROSION AND SEDMENT CONTROL ADMINISTRATOR
ONCE EVERY TWO NEERS, BEGINNING WITH COMMENCEMENT OF THE LAND DISTURBING
ACTIVITY AND WITHIN 48 HOURS OF ANY RUNOFF-PRODUCING RAINFALL EVENT.
FAILURE TO SUBMIT A REPORT WILL BE GROUNDS FOR MAINDAIR REVOCATION OF THE and disturbing permit. Reports Must be postmarked within 24 Hours of e deadline. A standard inspection report form will be supplied, which SHOULD BE COPIED AS NECESSARY. THIS PROVISION IN NO WAY WAVES THE RIGHT OF BOTETOURT COUNTY PERSONNEL TO CONDUCT SITE INSPECTIONS, NOR DOES IT DENY THE RIGHT OF THE PERMITTEE (S) TO ACCOMPANY THE INSPECTOR (S).

CONTRACTOR SHALL PAY PARTICLEAR ATTENTION TO THE FOLLOWING MINISTER STANDARDS

MS-1: THOUGHT TS / PS LABELS ARE SHOWN GENERICALLY ON THE PLANS, THE CONTRACTOR SHALL SEED ALL AREAS NOT INDICATED TO BE OTHERWISE STABILIZED WITH PERMANENT SEED MICTURE WITHIN 7 DAYS OF REACHING FINAL GRADE OR WITH TEMPORARY SEED MIXTURE ANY AREA YET TO REACH FINAL GRADE BUT THAT IS NOT PROPOSED TO BE ACTIVELY INVOLVED IN THE WORK WITHIN 30 DAYS. THESE SEED MOCTURES AND APPLICATION SPECIFICATIONS ARE SHOWN HEREON. THE CONTRACTOR SHALL HONOR THE CLEARING AND GRADING LIMITS SHOWN ON THE PLAN.

MO-2: THE CONTRACTOR SIMEL STABLES WITH IS AND PROTECT FROM BROWN, WITH ANY APPEICABLE METHOD, ALL STOCKPLES AND ANY ON-SITE OR GFT-SITE BORROW OR SPOR. AMEAS, AS APPLICABLE. APPROVED OF THIS PLAN DOES NOT COVER GFT-SITE BORROW OR SPOR. AMEAS. PRIOR TO GOMERCING LAND DISTURBING ACTIVITIES IN areas other than anacated on these plans (including but not limited to, OFF-SITE BONNON OR MUSTE ANEAS), THE CONTRACTOR SHALL SUBJECT A SUPPLEMENTARY ENGINEN CONTROL PLAN FOR REVIEW AND APPROVAL BY THE PLAN APPROVING AUTHORITY.

HIS-3: WHERE TS/PS ARE NOT APPLICABLE PROMBE OTHER HEARS OF STABLEZATION (CRS, ETC.) WITHIN 7 DAYS OF REACHING FINAL GRADE OR WITHIN 30 DAYS WHERE THE AREA IS YET TO REACH FINAL GRADE BUT IS NOT PROPOSED TO BE ACTIVELY INVOLVED

MS-4: ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PLACED IN ADVANCE OF THE WORK THEY ARE INTENDED TO PROTECT. MS-S: EARTHEN CONTROLS AND STRUCTURES SHALL BE STABILIZED MMEDIATELY UPON

MO-6: WHERE A SEDMENT TRAP (45 AGRES OF BRANKAE) OR SEDMENT BASH (>3 ACRES OF DRAMAGE) ARE INDICATED CALCULATIONS SHOWN ARE BASED ON OUTLINED DRAINAGE AREAS. CONTRACTOR SHALL HONOR INDICATED DRAINAGE DIVIDES AND CONFORM TO YOLUMES, DETAILS, ETC. PROVIDED ON PLANS.

MB-7: CARE HAS BEEN TAKEN IN BESIGN TO MINIMIZE DIVARIAGE GAIR SLOPES AND PROVIDE A SUITABLE PROTECTIVE STABILIZATION METHOD. CONTINUCTOR SHALL PROTECT SLOPE AREAS DURING AND AFTER CONSTRUCTION FROM CONCENTRATED RUNOFF AND THE EROSION EFFECTS OF WIND AND RAIN. STABILIZE AS SOON AS PRACTICAL TO MINIMIZE

MO-R WHENE CONCENTRATED RUNGIF HAS BEEN ROUTED DOWN SCOTES CARE HAS BEEN TAKEN TO DESIGN AN ADEQUATE CHANNEL OR DRAIN. CONTRACTOR SHALL INSTALL THESE MEASURES ALONG WITH THEIR STABILIZATION AS SOON AS PRACTICAL TO

MS-8: SEEPAGE THROUGH SLOPES.

MS-10: MLET OR CULVERT MLET PROTECTION IS PROPOSED FOR THE MLETS OF ALL STORM SENERS OR CULVERTS ON-SITE. MLD SHALL INSURE PROPER INSTALLATION AND issure adequate sizing based on drainage area of each inlet.

MS-11: IND SHALL VERIFY THAT ADEQUATE CHANNEL LIMINGS AND PROPER OUTLET PROTECTION IS IN PLACE PRIOR TO OPERATION OF STORM SERIER SYSTEM.

MS-12: WHEN WORKING IN AND ARGUND A LIVE WITERCOURSE, THE CONTRACTOR SHALL TAKE GREAT CARE TO MINIMIZE IMPACT ON THE STREAM. ASSURE THAT PROPER PERMITS FROM DEQ / COE ARE IN HAND FRIOR TO COMMENCING SUCH WORK. MG-13: WHERE MOTE THAN 2 THPS IN 6 MONTHS ARE EXPECTED ACROSS A LINE WATERCOURSE OUTAIN THE NECESSARY PERMIT AND INSTALL A TEMPORARY STREAM

PER CONSTRUCTION OF THE SANITARY SENER LINE A UTILITY STREAM CHOSSING WILL BE USED PER VESCH 3.25. ALSO SEE VESHC PLATE 3.25-1, THIS SHEET.

MS-14: OTHER FEDERAL, STATE, AND LOCAL REGULATIONS MUST BE MET WHEN WORKING IN LIVE WATERCOURSES.

A UTILITY CROSSING IS PLANNED IN THE EXISTING INTERCOURSE. THIS WORK SHALL BE SUBMITTED TO DEQ FOR APPROVAL PRIOR TO CONSTRUCTION. MS-15: THE BED AND BANKS OF DISTURBED WATERCOURSES MUST BE STABILIZED MAKEDIATELY.

MO-10: REBANDING UTLITY INSTRULATIONS, NO WINE THAN 500 LF OF THEIRIH MAY BE OPEN AT A GIVEN TIME. ENCAMPED MATERIAL SHALL BE PLACED ON WHALL SIZE OF THEIRIH. EPILIENT OF ANY DEMINISHING SYSTEM USED MUST BE FLITTING. THEIRIES SHALL BE PROPER BACKFLLED AND COMPACTED FOR DETAIL AND SPECS. COMPLETED USTALLATION SHALL BE RE-STABILIZED MIMEDIATELY.

MO-17: THE CONTINGEOR SHALL PROVIDE ASSOCIATE MEANS OF GLEANING MAD FROM TRUCKS AND / OR OTHER EQUIPMENT PRIOR TO ENTERING PUBLIC STREETS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT THE STREETS ARE IN A GLEAN, MUD AND DUST FREE CONDITION AT ALL TIMES. #8-16 SEE MAINTENANCE UNDER ESC RANDATIVE FOR REMOVAL OF TEMPORARY

EXRES MS-19: STURMINATER MANAGEMENT

EROSION AND SEDIMENT CONTROL <u>MEASURES</u>

CONSTRUCTION ENTRANCE (3.00)

A TEMPORARY CONSTRUCTION ENTRANCE SHALL ME INSTALLED WHERE THE CONSTRUCTION ACCESS ROAD LEAVES ENSTING PAVEMENT. DURING WET MEATHER CONDITIONS, DRIVERS OF CONSTRUCTION VEHICLES WILL BE REQUIRED TO WISH THEIR WHEELS BEFORE ENTERING THE STREET. WHEN CONSTRUCTION VEHICLES WHEN THE SHALL BE REQUIRED TO WISH THEIR WHEELS BEFORE ENTERING THE STREET. WHEN CONSTRUCTION VEHICLES WHEN THE SHALL BE SHALL VEHICLES MUST ENTER DISTURBED AREAS, THE TIRES OF THE VEHICLE SHALL BE MANUALLY CLEANED PRIOR TO LEAVING THE STIE, IF NECESSARY.

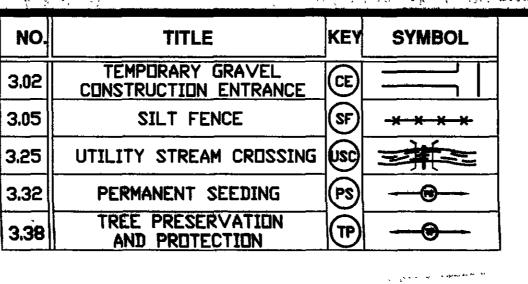
<u>SET FINEE (3.05)</u> — SILT FINCE WILL BE INSTALLED ON THE DOWNHILL EDGE OF DISTURBED AREAS OF THE SITE TO INTERCEPT SEDIMENT LADEN RUN-OFF PRIOR TO EXITING THE SITE.

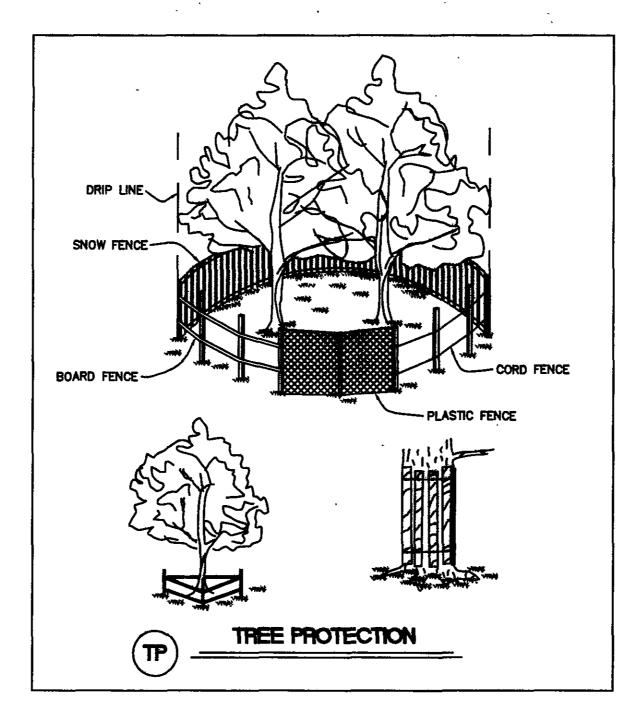
UTLITY STREAM CROSSING (3.55) A STRATEGY FOR CROSSING SMALL WATERWAYS WHEN IN-STREAM UTILITY construction is involved to help protect sedment from entering the stream from construction within the approach areas and to minimize THE AMOUNT OF DISTURBANCE WITHIN THE STREAM ITSELF.

THE TEMPORARY DIVERSION DIKES, TOPSOIL STOCKPILES AND ALL AREAS TO BE ROUGH GRADED BUT NOT FINISH GRADED DURING THE INITIAL PHASE OF CONSTRUCTION, SHALL BE SEEDED WITH FAST GERMINATING, TEMPORARY VEGETATION IMMEDIATELY FOLLOWING GRADING, OR INSTALLATION IF A TEMPORARY MEASURE. SEE ALSO MINIMUM STANDARDS FOR TEMPORARY SEEDING.

THE PRESERVATION AND PROPERTIES (3.30)
ENSURES PROTECTION OF DESIREABLE TREES FROM MECHANICAL OTHER INJURY DURING LAND DISTURBING AND CONSTRUCTION ACTIVITIES.

all disturbed areas onsite must receive permanent seeding. FOR PERMANENT SEEDING SPECIFICATIONS PLEASE SEE THE EROSION AND SEDMENT CONTROL DETAIL SHEET.





- Ditch to Sediment Basin or Trap VDOT #1 Coarse Aggregate CONSTRUCT A WASHBOARD OR -Filter Cloth WASH RACK IF REQUIRED. Ref. Table 3.02-A of Virginia ESC Handbook for requirements. * MUST EXTEND FULL WIDTH OF INGRESS & EGRESS DPERATION. 12' MIN. FILTER CLOTH Reinforced Concrete WASH RACK DETAIL (IF REQUIRED) **TEMPORARY GRAVEL**

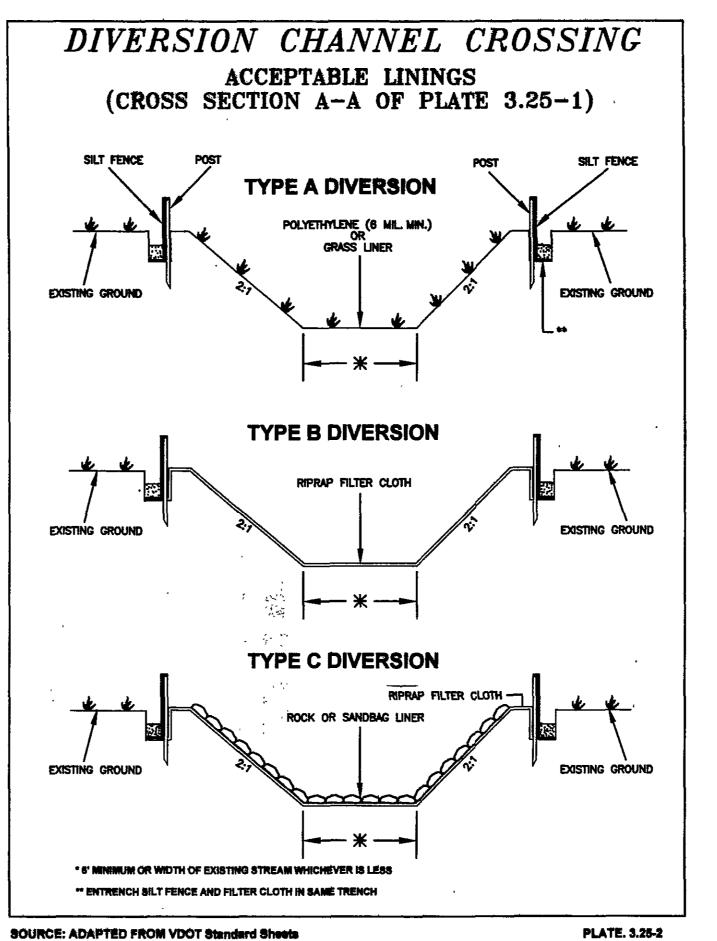
MANTENANCE

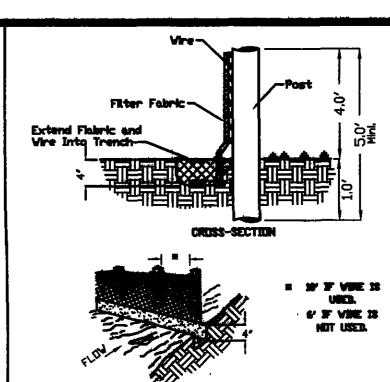
EROSON AND SESSION CONTROL MEASURES SHALL BE INSPECTED BY-MEDILY AND AFTER EVERY NUMBET PRODUCING PAINFALL. A LOG OF DATES AND INSPECTIONS SHALL BE REPT. ANY DEFICIENCES THAT ARE FOUND SHALL BE CONNECTED MEDIATELY. ACCUMULATED SEDIMENT AT TRAPPING MEASURES SHALL BE ROUTINELY

ALL BITCHES, SIMMER, AND MATHRAL WATERCOURGES DOWNSTMEAN OF THIS PROJECT SHALL BE FIELD INSPECTED GUINNG AND AFTER CONSTRUCTION BY THE PLD TO ENGUIE COMPLANCE With BOR'S MB-10. IF EROSION OR SCOUR IS OCCURING THE DEVELOPER SHALL BE RESPONSIBLE FOR ALL CONNECTIVE MEASURES.

enculum and serment continue measures small be maintained until after all disturbed areas have been permanently standized and then temporary MEASURES PROPERLY REMOVED.

DIVERSION CHANNEL CROSSING OF FLOW BARRIER FLOW BARRIER (RIPRAP, SANDBAGS, PLYWOOD, JERSEY BARRIERS OR SHEET PILING) PERSPECTIVE VIEW SOURCE: VA. DSWC PLATE, 3.25-1





(SF) CONSTRUCTION OF A SILT FENCE

EROSION-SILTATION CONTROL COST ESTIMATE

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
CONSTRUCTION ENTRANCE	EA	2	1,050.00	\$ 2,100.00
SILT FENCE	U F	226	3.00	\$ 678.00
PERMANENT AND TEMPORARY SEEDING	ACRE	0.50	1,500.00	\$ 750.00
UTILITY STREAM CROSSING	EA	1	1,500.00	\$ 1,500.00
TEMPORARY CULVERT	IF	26	12.00	\$ 312.00
TEMPORARY DIVERSION DYKE	LF	130	5.00	\$ 650.00
RIGHT-OF-WAY DIVERSION	IF	32	5.00	\$ 160.00
<u>. </u>		-		
SUB-TOTAL		1		\$ 6,150.00
10% CONTINGENCY				\$ 615.00
TOTAL PROJECT COST	<u> </u>			\$ 6,765.00

GENERAL EROSION AND SEDIMENT CONTROL NOTES

1. ALL SIBL ERIBEIN & SERMENT CONTRIL MEASURES SHALL BE ACCUMPLISHED IN STRICT ACCURBANCE WITH THE STANDARDS AND SPECIFICATIONS CONTAINED IN THE VIRGINIA ERISSION AND SEDIMENT CONTRIL HANDBOOK, LATEST EDITION.

2. THE APPROVING AUTHORITY MAY AND TO, DELETE, RELEICATE, CHANGE, DR DITHERVISE HERIFY CERTAIN ENGINEN AND SEMINENT CONTROL HEASURES WHERE FIELD CONDITIONS ARE ENCOUNTERED THAT WARRANT SUCH MUDIFICATIONS.

3. ALL SEEL ENESSIEN AND SESSMENT CENTREL NEASURES AS SHEWN IN THE PLAN SHALL BE PLACED IN ADVANCE OF THE VERK BEING PERFORMED, AS FAR AS

4. IN NO CASE BURNING CONSTRUCTION SHALL WATER RUNCHE BE DIVERTED OR ALLOWED TO FLOW TO LOCATIONS WHERE ADEQUATE PROTECTION HAS NOT BEEN

5. IT SHALL BE THE CENTRACTOR'S NESPONSEMLITY TO LEAVE THE SITE ABEQUATELY PROTECTED AGAINST ERUSION, SERIMENTATION, OR ANY DAMAGE TO ANY ADJACENT PROPERTY AT THE END OF EACH DAY'S VORK.

6. FER THE ENGREEN CONTINUE. KEY SYMBOLS SHOWN ON THE PLANS, REFER TO THE VIRGINIA UNDTIME CORDING SYSTEM FOR EXCISION AND SEDIMENT CONTROL PRACTICES CONTAINED IN THE VIRGINIA ENGREEN AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION, THESE SYMBOLS AND KEYS ARE TO BE UTILIZED ON ALL EROSION CONTROL PLANS SUBMITTED TO ROWNIKE COUNTY.

TEMPORARY SEEDING MIXTURE

PLANTING DATES	SPECIES	RATE (LBS./ACRE)
SEPT. 1 FEB. 15	50/50 MIX OF ANNUAL RYEGRASS (LOLIUM MULTI-FLORUM)	50 - 100
	CEREAL (WINTER) RYE (SECALE CEREALE)	
FEB. 16 - APR. 30	ANNUAL RYEGRASS (LOLIUM MULTI-FLORUM)	60 - 100
MAY. 1 — AUG. 31	GERMAN MILLET (SETÁRIA ITALICA)	<i>50</i>

TEMPORARY, SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT (UNDISTURBED) FOR LONGER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE YEAR.

PERMANENT SEEDING MIXTURE (**P8**)

15 DCTUBER TO 1 FEBRUARY K-31 FESCUE @ 5 LB / 1000 SF BURZY WINTER RYE & 1/2 LB / 1000 S

TYPE B (SLOPES 34 DR STEEPER) 15 MARCH TO 1 MAY
CROWN VETCH @ 1/2 LB / 1000 SF
F PERENNIAL RYEGRASS @ 1/2 LB / 1000 SF
RED TOP @ 1/8 LB / 1000 SF

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

15 AUGUST TO 1 DICTUBER
CROWN VETCH @ 1/2 LB / 1000 SF
PERENNIAL RYEGRASS @ 1/2 LB / 1000 SF
RED TOP @ 1/8 LB / 1000 SF K-31 FESCUE @ 5 LB / 1000 SF GERHAN MILLET @ 1/2 LB / 1000 SF SEPTEMBER TO 15 OCTUBER K-31 FESCUE @ 5 LB / 1000 SF ANNUAL RYE @ 1/2 LB / 1000 SF

140 LB / 1000 SF PULVERIZED AGRICULTURAL LINESTONE FERTILIZER 5-20-10 @ 25 LB / 1000 St

38-0-0 @ 7 LB / 1000 SF IF REQUIRED, SHALL BE USED DIVER ALL SEEDED AREAS AND SHALL BE APPLIED IN ACCORDANCE WITH SECTION 1.75 OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.

INCORPORATION OF LINE AND FERTILIZER, SELECTION OF CERTIFIED SEED, MULCHING, MAINTENANCE OF NEV SEEDLINGS, AND RESEDING SHALL BE IN ACCORDANCE VITH SPECIFICATIONS CONTAINED WITHIN THE VIRGINIA SUIL EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION. ADDITIONAL SEEDING TO BE PERFORMED AS REQUIRED BY THE THEORY OF THE PROPERTY OF T

SEED APPLICATION APPLY SEED UNIFICIALLY WITH A CYCLINE SEEDER, DRILL, CULTIPACKER SEEDER, DR HYDRISEEDER ON A FIRM, FRIABLE, SEEDBED. MAXIMUM SEEDING DEPTH SHALL DE 1/4 INCH.

TOTAL DISTURBED AREA = 0.48 AC.

DEPARTMENT **ENGINEERING AND INSPECTIONS**

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NO.	REVISIONS :	DATE	
6			
5			
4		1 2	
3	ENGR. & INSPEC.	10-27-93	
2	ENGR. & INSPEC.	08-05-93	
1	ENGR, & INSPEC,	04-10-93	

COUNTY OF ROANOKE

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DATE: 11/02/93) (
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DRAWING BY:	CLN,AF	
DESIGNED BY:	G:\CAD\DETAILS\EROSION\EROSION)	
APPROVED BY:	GWS,III	フィ

EROSION & SEDIMENT CONTROL STORMWATER MANAGEMENT DETAILS

CEPH 2005-203