# ALL NON-PAVED AREAS DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING FINISH GRADING, SEEDING SHALL BE IN ACCORDANCE WITH STD. & SPEC. 3.32, PERMANENT SEEDING, SEED TYPE SHALL BE AS SPECIFED FOR "MINIMUM CARE LAWNS" AND "CENERAL SLOPES" IN THE HANDBOOK. MULCH (STRAW OR FIBER) SHALL BE USED ON ALL SEEDED SURFACES. IN ALL SEEDING OPERATIONS SEED, FERTILIZER AND LINE SHALL BE APPLIED PRIOR TO MULCHING. MANAGEMENT STRATEGIES

CONSTRUCTION SHALL BE SEQUENCED SO THAT GRADING OPERATIONS CAN BEGIN AND END AS QUICKLY AS POSSBLE.
ISOLATE TRENCHING FOR UTILITIES AND DRAINAGE FROM DOWNSTREAM CONVEYANCES IN ORDER TO MINIMIZE PERIMETER CONTROLS.
ALL CUT AND FILL SCRESS SHALL BE SEEDED MINIMIS SEVEN (7) DATS OF ACHIENING FINAL GRADIE.
ALL ERGISION AND SEDIMENT CONTROL FRACIOGES SHALL BE MAINTAINED UNITE. THEY ARE NO LONGER REQUIRED TO COMPLY WITH THE CONTRACT DOCUMENTS OR STATE LAW. ONLY AFTER INSPECTION AND APPROVAL FROM THE VESCP AUTHORITY MAY ITEMS BE REMOVED FOLLOWING THE STABILIZATION OF CONTRIBUTING AREAS.

THE GENERAL CONTRACTOR SHALL INSPECT DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED, AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION, STRUCTURAL CONTRIOL MEASURES, AND THE AREA OF CONSTRUCTION VEHICLE ACCESS AT LEAST EVERY FOURTER (1)4 OLELEDAR DAYS, AND WITHIN FORTY-EIGHT (48) HOURS OF THE END OF A STORM EVENT PRODUCING (1/4" OR GREATER OF PRECIPITATION. WHERE AREAS HAVE BEEN FINALLY OR TEMPORABILLY STABILIZED OR RUNOFF IS UNIKELY DUE TO MAYTER CONDITIONS (SITE IS COVERED WITH SNOW, ICE, OR FROZEN GROUND EXISTS) SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH.

INSPECT DISTURBED AREAS AND AREAS OF MATERIALS STORAGE THAT ARE EXPOSED TO PRECIPITATION FOR EMDENCE OF, OR THE POTENTIAL FOR SEDIMENT ENTERING THE STORM DRAIN STSTEM, INSPECT EAS CONTROLS IN ACCORDANCE WITH REQUIREMENTS STATED HEREIN, AND INSPECT POINTS OF STORM DRAIN DISCHARGE FOR EXCESSIVE SEDMENTATION. CONTRECT SITE CONTROLS AS RECUIRED TO REDUCE SEDMENTATION OF STORM DRAIN, CULVERTS, AND RECEMBING

IF CONTROLS OR SEDIMENT PREVENTION AREAS ARE FOUND TO BE IN NEED OF REPAIR OR MODIFICATION, THE GENERAL CONTRACTOR SHALL PROWDE ADDITIONAL MEASURES OR MODIFICATIONS TO EXISTING MEASURES SHALL BE RECORDED AS FIELD REVISIONS TO THESE PLANS. IN THE EVENT THAT ADDITIONAL OWNEROUS ARE FOUND TO BE REQUIRED, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THESE CONTROLS BEFORE THE NEXT ANTIOPATED STORM EVENT. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICAL. THEY SHALL BE IMPLEMENTED AS SOON AS PRACTICAL.

### EROSION AND SEDIMENT CONTROL NARRATIVE (CONT'D):

A REPORT SUMMARIZING THE SCOPE OF INSPECTIONS, NAME OF INSPECTOR, INSPECTOR'S QUALIFICATIONS, DATES OF INSPECTIONS, MAJOR OBSERVATIONS PERTAINING TO THE IMPLEMENTATION OF THESE EROSION CONTROL PLANS, AND ACTIONS TAKEN SHALL BE MADE AND RETAINED AS A PART OF THESE PLANS. MAJOR OBSERVATIONS OF THESE REPORTS SHALL INCLIDE: THE LOCATIONS OF EXCESSIVE SEDIMENTATION HIS STE; LOCATIONS OF CONTROLS IN NEED OF REPAIR; LOCATIONS OF FAILED OR INADEQUATE CONTROLS; AND LOCATIONS WHERE ADDITIONAL CONTROLS ARE NEEDED.

THIS PROJECT IS LINEAR IN NATURE AND ALL DISTURBED AREAS WILL BE RETURNED TO ORIGINAL CONDITION UPON COMPLETION OF CONSTRUCTION. EXISTING DRAINAGE PATTERNS WILL BE MAINTAINED DURING AND AFTER CONSTRUCTION AND THE PROJECT WILL RESULT IN MINIMALLY INCREASED STORMWATER RUNOFF. ENVIRONMENTAL INVENTORY

THERE ARE NOT TIDAL SHORES, WETLANDS, NON-TIDAL WETLANDS, RESOURCE PROTECTION AREAS OR HYDRIC SOILS ASSOCIATED WITH THIS PROJECT SITE. SLOPES IN EXCESS OF 25% DO EXIST ON-SITE BUT NOT IN AREAS WHERE CONSTRUCTION ACTIVITIES ARE ANTICIPATED.

## GENERAL EROSION AND SEDIMENT CONTROL NOTES:

UNLESS OTHERWISE INDICATED, CONSTRUCT AND WAINTAIN ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE VIRONIA EROSION AND SEDIMENT CONTROL HANDBOCK, AND VIRONIA REGULATIONS VR 625-02-00 BROSION AND SEDIMENT CONTROL REGULATIONS VR

VESCP AUTHORITY INSPECTORS WILL MAKE A CONTINUING REVIEW AND EVALUATION OF THE METHODS AND EFFECTIVENESS OF THE E.S.C. PLAN. PLACE ALL FROSION AND SEDIMENT CONTROL MEASURES PRIOR TO OR AS THE FIRST STEP IN CLEARING, GRADING, OR LAND DISTURBANCE.

MAINTAIN A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN ON THE SITE AT ALL TIMES.

PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT UNITED TO, OFFSTE BORROW OR WASTE AREA), SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE ARCHITECT/ENGINEER FOR REVIEW AND ACCEPTANCE. PROVIDE ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE LOCAL AUTHORITY HAVING JURISDICTION.

ALL DISTURBED AREAS SHALL DRAIN TO APPROVED SEDIMENT CONTROL NEASURES AT ALL TIMES DURING LAND-DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT.

16" MIN

WIRE MESH

CURR INLET

-FILTERED WATER

DURING DEWATERING OPERATIONS, PUMP WATER INTO AN APPROVED FILTERING DEVICE.

EXTEND FABRIC INTO TRENCH

NOTES:

4

INSPECT ALL EROSION CONTROL MEASURES DAILY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. MAKE ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES IMMEDIATELY.

CROSS-SECTION

6'-0" MAX

WHEN POINT B DROPS BELOW POINT A, USE EXTRA STRENGTH FILTER FABRIC WITH A MAXIMUM 3 FOOT SPACING OF POST.

NOT TO SCALE

GRAVEL FILTER -

12"

THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE PONDING IN FRONT OF THE STRUCTURE IS NOT LIKELY TO CAUSE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

3 GRAVEL CURB INLET SEDIMENT FILTER

SPECIFIC APPLICATION

RUNOFF WATER-

SEDIMENT

CONCRETE GUTTER-

SILT FENCE DETAIL

GRAVEL CURB INLET SEDIMENT FILTER

THE CONTRACTOR SHALL HAVE A RESPONSIBLE LAND DISTURBER ON-SITE AS REQUIRED.

FILTER FABRIC-

# EROSION & SEDIMENT CONTROL LEGEND SYMBOL VA. E&S HANDBOOK STANDARD ROCK CHECK DAM SILT FENCE - 3.05 INLET PROTECTION - 3.07 CULVERT INLET PROTECTION - 3.08 TOPSOILING - 3.30 TEMPORARY SEEDING - 3.31 DISTURBED GRASSED PERMANENT SEEDING -3.32 AREAS MULCHING - 3.35

# CONSTRUCTION SEQUENCING

INSTALL PERIMETER FROSION AND SEDIMENT CONTROL MEASURES. DEMOLISH EXISTING PAVEMENT, CURB, ETC. FOR INSTALLATION OF NEW SIDEWALK.

3. CONSTRUCT SIDEWALK.

4. STABALIZE ALL AFFECTED AREAS.

TOE OF FILL

SILT FENCE

5. REMOVE TEMOPORARY FROSION SEDIMENT CONTROL MEASURES

-CULVERT

TOE OF FILL

\*DISTANCE IS 6' MINIMUM IF FLOW IS TOWARD EMBANKMENT

-- CLASS | RIPRAF

CEREAL (WINTER) RYE ANNUAL RYEGRASS 60-100 FEB 16-APR 20 (LOLIUM MULTI-FLORUM) GERMAN MILLET MAY 1-AUG 31 50 SEEDINGS MADE IN FALL FOR WNTER COVER AND DURING HOT AND DRY SUMMER MONTHS SHALL BE MULCHED IMMEDIATELY UPON COMPLETION OF SEED APPLICATION WITH TACKIFIED STRAW, IN ACCORDANCE WITH VA E&S STD 3.35. (PS) PERMANENT SEEDING SCHEDULE GENERAL SLOPE (3:1 OR LESS) TOTAL LBS PER ACRE KENTUCKY 31 FESCUE KENTUCKY BLUEGRASS RED TOP GRASS SEASONAL NURSE CROP WHITE CLOVER 200 LBS. 10 LBS. 10 LBS. 30 LBS. 2 LBS. 252 LBS. SEASONAL NURSE CROP MARCH, APRIL THROUGH MAY 15 MAY 16 THROUGH AUGUST 15 AUGUST 16 THROUGH SEPTEMBER,OCTOBER ANNUAL RYE FOXTAIL MILLET ANNUAL RYE WINTER RYE NOVEMBER THROUGH FEBRUARY

(TS) TEMPORARY SEEDING SCHEDULE

PLANTING DATES

SEPT 1-FEB 15

ACCEPTABLE TEMPORARY SEEDING PLANT MATERIALS

SPECIES

MULTI-FLORUM) &

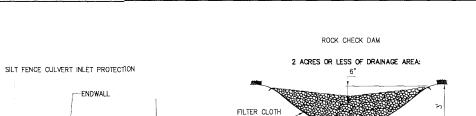
50/50 MIX OF ANNUAL RYEGRASS (LOLIUM

RATE (LBS/ACRE)

50-100

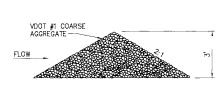
LIME AND FERTILIZER NEEDS SHALL BE DETERMINED BY SOIL TESTS. SEEDINGS TO BE MULCHED AT THE RATE OF 2 TONS PER ACRE WITH TACKIFIED STRAW, IMMEDIATELY UPON COMPLETION OF SEED APPLICATION, IN ACCORDANCE WITH VA E&S STD 3.35.

SEEDING SCHEDULES



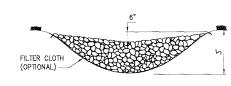
(OPTIONAL)-



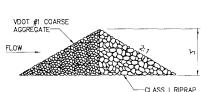


(DOWNSTREAM VIEW)

2-10 ACRES OF DRAINAGE AREA:



(DOWNSTREAM VIEW)



SCALE: N.T.S.

CIP 2 SILT FENCE CULVERT INLET PROTECTION SCALE: N.T.S.

\*OPTIONAL STONE COMBINATION

MAD

ROCK CHECK DAM

WATER AUT, VIRGINIA

33

CONTROL B. Lie. No.

SANITARY SEWER EROSION & SEDIMENT CONTROL NOTES AND DETAILS

rawn By MBH DBH Issue Dat 3-30-18 33338

C-401