MINIMUM EROSION AND SEDIMENT CONTROL STANDARDS

1. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN 7 DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED IMMEDIATELY TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT (UNDISTURBED) FOR LONGER THAT THIRTY (30) DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE YEAR.
2. DURING CONSTRUCTION OF THE PROJECT, SOIL STOCK PILES SHALL BE STABILIZED OR PROTECTED WITH SEDIMENT TRAPPING MEASURES. THE APPLICANT IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT SITE.
3. A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED. PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL A GROUND COVER IS ACHIEVED THAT, IN THE OPINION OF THE LOCAL PROGRAM ADMINISTRATOR OR THEIR DESIGNATED AGENT, IS UNIFORM, MATURE ENOUGH TO SURVIVE AND WILL INHIBIT EROSION.
4. UNDERGROUND UTILITY LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS IN ADDITION TO OTHER APPLICABLE CRITERIA:
   - 4.a. NO MORE THAN 500 LINEAR FEET OF TRENCH MAY BE OPENED AT ONE TIME.
   - 4.b. EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.
   - 4.c. EFFLUENT FROM DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THROUGH AN APPROVED SEDIMENT TRAPPING DEVICE, OR BOTH, AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY AFFECT FLOWING STREAMS OR OFF-SITE PROPERTY.
   - 4.d. RE-STABILIZATION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE REGULATIONS.
   - 4.e. APPLICABLE SAFETY REGULATIONS SHALL BE COMPLIED WITH.
5. WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY VEHICULAR TRACKING ONTO THE PAVED SURFACE. WHERE SEDIMENT IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE, THE ROAD SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. THIS PROVISION SHALL APPLY TO INDIVIDUAL SUBDIVISION LOTS AS WELL AS TO LARGER LAND-DISTURBING ACTIVITIES.
6. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, UNLESS OTHERWISE AUTHORIZED BY THE LOCAL PROGRAM ADMINISTRATOR. TRAPPED SEDIMENT AND THE DISTURBED SOIL AREAS RESULTING FROM THE DISPOSITION OF TEMPORARY MEASURES SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION.
7. FOR THE PURPOSE OF PLAN APPROVAL, DAVID L. BARLOW, PE, #31636, SHALL BE THE RESPONSIBLE LAND DISTURBER WHEN THE CONTRACT IS AWARDED. THE CONTRACTOR SHALL NAME A PERSON WHO IS CERTIFIED BY THE VIRGINIA DEPARTMENT OF CONSERVATION AND RECREATIONS AS A RESPONSIBLE LAND DISTURBER. THE RESPONSIBLE LAND DISTURBER SHALL BE TRANSFERRED FROM CRAIG W. VANDUSSEN, SR. TO THE CERTIFIED PERSON NAMED BY THE CONTRACTOR PRIOR TO THE INITIATION OF LAND-DISTURBING ACTIVITY.

SEDIMENT AND EROSION CONTROL NARRATIVE

I. PROJECT DESCRIPTION:
THE PURPOSE OF THIS PROJECT IS TO CONSTRUCT A COMMERCIAL BUILDING WITH PARKING.

II. EXISTING SITE CONDITIONS:
THE PROJECT AREAS ARE CURRENTLY COVERED WITH GRASS AND ARE RELATIVELY FLAT (LESS THAN 5%). DRAINAGE IS TO EXISTING STORMWATER MANAGEMENT AREAS TO THE SOUTH & NORTH.

III. ADJACENT PROPERTY:
ADJACENT PROPERTIES ARE VACANT & OCCUPIED INDUSTRIAL PARCELS.

IV. OFF-SITE AREAS:
OFF-SITE BORROW AREAS ARE ANTICIPATED.

V. SOILS:
SOIL SURVEY MAPPING FROM THE NATURAL RESOURCE CONSERVATION SERVICE (NRCS) OF THE USDA FOR PRINCE GEORGE COUNTY, VA INDICATES THE FOLLOWING SOILS ARE LOCATED WITHIN THE PROPOSED PROJECT SITE.

MAP UNIT SYMBOL	SOIL NAME	HYDROLOIC SOIL GROUP	T FACTOR	K FACTOR	WIND ERODIBILITY INDEX
3	ARGENT SILT LOAM	D	5	0.32	38
6	BOLLING SILT LOAM	C	4	0.28	56
22A	PAMUNKEY LOAM	B	4	0.28	86

VI. CRITICAL EROSION AREAS:
NO CRITICAL AREAS EXIST ON SITE. THE WETLANDS ON SITE AREA ALREADY PERMITTED FOR REMOVAL BY THE ARMY CORP OF ENGINEERS.

VII. EROSION AND SEDIMENT CONTROL MEASURES:
UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL MEASURE SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE HANDBOOK. THE MINIMUM STANDARDS OF THE VESCH SHALL BE ADHERED TO UNLESS OTHERWISE WAIVED OR APPROVED BY A VARIANCE.

A. STRUCTURAL PRACTICES

SILT FENCE – 3.05
SILT FENCE SHALL BE INSTALLED DOWNSLOPE OF AREAS WITH MINIMAL GRADES TO FILTER SEDIMENT-LADEN RUNOFF FROM SHEET FLOW. INSTALLATION WILL OCCUR PRIOR TO ANY LAND DISTURBANCE.

TEMPORARY SEDIMENT BASIN – 3.13
A TEMPORARY SEDIMENT BASIN SHALL BE INSTALLED BEFORE CONSTRUCTION TO DETAIN SEDIMENT-LADEN RUNOFF FROM DISTURBED AREAS IN "WET" AND "DRY" STORAGE LONG ENOUGH FOR THE MAJORITY OF THE SEDIMENT TO SETTLE OUT.

TEMPORARY FILL DIVERSION – 3.10
A TEMPORARY CHANNEL TO DIVERT SEDIMENT LADEN RUNOFF FROM UNPROTECTED AREAS TO A STABILIZED OUTLET OR SEDIMENT TRAPPING FACILITY.

STORM DRAIN INLET PROTECTION – 3.07
A SEDIMENT FILTER OR EXCAVATED IMPOUNDING AREA AROUND A STORM DRAIN TO PREVENT SEDIMENT FROM ENTERING THE STORM DRAINAGE SYSTEM.

TEMPORARY STONE CONSTRUCTION ENTRANCE – 3.02
A STABILIZED STONE PAD WITH UNDERLINER TO BE INSTALLED AT THE ONSET OF CONSTRUCTION TO PREVENT SEDIMENT TRANSPORT ONTO PUBLIC PAVED ROADS.

B. VEGETATIVE PRACTICES

TOPSOILING – 3.30
TOPSOIL WILL BE STRIPPED FROM AREAS TO BE GRADED AND STOCKPILED FOR LATER USE. TOPSOIL LOCATIONS WILL BE ON-SITE AND WILL BE STABILIZED WITH TEMPORARY VEGETATION. THE LOCATION OF STOCKPILE AREAS SHALL BE AS APPROVED BY THE OWNER.

TEMPORARY SEEDING – 3.31
ALL DENUDED AREAS WHICH WILL BE LEFT DORMANT FOR MORE THAN 7 DAYS SHALL BE SEEDED WITH FAST GERMINATING TEMPORARY VEGETATION IMMEDIATELY FOLLOWING GRADING. SELECTION OF SEED MIXTURE SHALL DEPEND ON THE TIME OF YEAR THAT IT IS APPLIED,AND SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS AND VESCH.

PERMANENT SEEDING – 3.32
ALL DISTURBED AREAS SHALL ESTABLISH A PERENNIAL VEGETATIVE COVER BY PLANTING SEED TO REDUCE EROSION AND PERMANENTLY STABILIZE THE TOPSOIL FOLLOWING GRADING. SELECTION OF SEED MIXTURE SHALL DEPEND ON THE TIME OF YEAR THAT IT IS APPLIED, AND SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS AND VESCH.

MULCHING – 3.35
AREAS WHICH HAVE BEEN TEMPORARILY OR PERMANENTLY SEEDED SHALL BE MULCHED IMMEDIATELY FOLLOWING SEEDING TO FOSTER THE GROWTH OF VEGETATION.

VIII. PERMANENT STABILIZATION:
ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH PERMANENT SEEDING WITHIN 7 DAYS FOLLOWING FINISH GRADING. SEEDING SHALL BE DONE IN ACCORDANCE WITH STD. & SPEC. 3.32, PERMANENT SEEDING, OF THE HANDBOOK. STRAW OR FIBER MULCH WILL BE USED. IN ALL SEEDING OPERATIONS, SEED, FERTILIZER AND LIME WILL BE APPLIED PRIOR TO MULCHING.

IX. STORMWATER MANAGEMENT:
QUANTITY CONTROL IS THROUGH THE PROPOSED UNDERGROUND STORAGE BASIN AND THE EXISTING STORMWATER POND.

X. MAINTENANCE:
IN GENERAL, ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED DAILY AND AFTER EACH SIGNIFICANT RAINFALL. THE FOLLOWING ITEMS WILL BE CHECKED IN PARTICULAR:

1. THE SILT FENCE SHALL BE CHECKED REGULARLY FOR UNDERMINING OR DETERIORATION. SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF SEDIMENT DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
2. INLETS SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED. AGGREGATE SHALL BE PLACED OR CLEANED WHEN INSPECTION REVEALS THAT CLOGGED VOIDS ARE CAUSING PONDING PROBLEMS WHICH INTERFERE WITH ON-SITE CONSTRUCTION. SEDIMENT SHALL BE REMOVED AND THE IMPOUNDMENT RESTORED TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE AND CAUSE SEDIMENTATION PROBLEMS. TEMPORARY STRUCTURES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED
3. THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR THE WASHING AND REWORKING OF EXISTING STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS WILL NOT BE PERMITTED UNDER ANY CIRCUMSTANCES.
4. THE SEEDED AREAS WILL BE CHECKED REGULARLY FOR A SEDIMENT BUILD-UP, WHICH WILL PREVENT DRAINAGE. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT BUILD-UP.
5. SEDIMENT BASIN
   THE BASIN EMBANKMENT SHOULD BE CHECKED REGULARLY TO ENSURE THAT IT IS STRUCTURALLY SOUND AND HAS NOT BEEN DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT.
   THE EMERGENCY SPILLWAY SHOULD BE CHECKED REGULARLY TO ENSURE THAT ITS LINING IS WELL ESTABLISHED AND EROSION-RESISTANT.
   THE BASIN SHOULD BE CHECKED AFTER EACH RUNOFF-PRODUCING RAINFALL FOR SEDIMENT CLEANOUT. WHEN THE SEDIMENT REACHES THE CLEAN-OUT LEVEL, IT SHALL BE REMOVED AND PROPERLY DISPOSED OF.

XI. SEQUENCE OF CONSTRUCTION:

THE FOLLOWING IS THE GENERAL SEQUENCE OF CONSTRUCTION TO BE FOLLOWED IN ORDER TO PROVIDE EROSION & SEDIMENT CONTROL PROTECTION:

PRIOR TO LAND DISTURBANCE:
1. STAKE LIMITS OF DISTURBANCE.
2. INSTALL SILT FENCE AS SHOWN ON PLANS.
3. INSTALL DIVERSION DIKES.
4. INSTALL TEMPORARY SEDIMENT BASIN.
5. CLEAR TREES ONLY AS INDICATED.
6. STRIP TOPSOIL & STOCKPILE.
7. GRADE SITE TO PAD ELEVATION.
8. FOOTING AND FOUNDATION WORK TO BEGIN ON LOWE'S BUILDING.
9. BEGIN WATERLINE AND SANITARY SEWER INSTALLATION.
10. BEGIN INSTALLATION OF STORM SEWER AND UNDERGROUND DETENTION SYSTEMS.
11. MAINTAIN TEMPORARY SEDIMENT BASIN UNTIL SITE IS TEMPORARILY STABILIZED WITH GRAVEL SUBBASE.
12. BEGIN INSTALLATION OF CONCRETE CURBING AND ASPHALT BINDER COURSE
13. CURBED ISLANDS AND LAWN AREAS TO RECEIVE SEEDING, MULCH AND LANDSCAPING.
14. INSPECT & MAINTAIN ALL E&S MEASURES THROUGHOUT THE COURSE OF THE PROJECT.
15. REMOVE E&S MEASURES AFTER RECEIVING WRITTEN ACCEPTANCE OF SITE STABILIZATION.

GENERAL EROSION AND SEDIMENT CONTROL NOTES

ES-1: UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AND THE VIRGINIA EROSION AND SEDIMENT CONTROL REGULATIONS (4VAC50-30).

ES-2: PRINCE GEORGE COUNTY PLANNING DEPARTMENT (804-722-8678) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO FINAL CONSTRUCTION.

ES-3: ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS FIRST STEP IN CLEARING.

ES-4: A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

ES-5: PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS INDICATED OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO, OFF-SITE BORROW OR WASTE AREAS), THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND APPROVAL BY THE PRINCE GEORGE COUNTY PLANNING DEPARTMENT.

ES-6: THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY PRINCE GEORGE COUNTY PLANNING DEPARTMENT.

ES-7: ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED, AFTER WHICH, UPON APPROVAL OF THE DCR EROSION AND SEDIMENT CONTROL SPECIALIST, THE CONTROLS SHALL BE REMOVED. TRAPPED SEDIMENT AND THE DISTURBED SOIL AREAS RESULTING FROM THE REMOVAL OF TEMPORARY MEASURES SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION.

ES-8: DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO AN APPROVED FILTERING DEVICE.

ES-9: 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 DEVICES SHALL BE MADE IMMEDIATELY.

ES-10: THE CONTRACTOR IS RESPONSIBLE FOR THE DAILY REMOVAL OF SEDIMENT THAT HAS BEEN TRANSPORTED ONTO A PAVED OR PUBLIC ROAD SURFACE. SEDIMENT SHALL BE REMOVED FROM THE ROAD BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT DISPOSAL AREA. WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER.

ES-11: SEEDING OPERATIONS SHALL BE INITIATED WITHIN 7 DAYS AFTER REACHING FINAL GRADE OR UPON SUSPENSION OF GRADING OPERATIONS FOR ANTICIPATED DURATION OF GREATER THAN 30 DAYS OR UPON COMPLETION OF GRADING OPERATIONS FOR A SPECIFIC AREA.

ES-12: THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING SURFACE AND AIR MOVEMENT OF DUST FROM EXPOSED SOILS WHICH MAY PRESENT HEALTH HAZARDS, TRAFFIC SAFETY PROBLEMS, OR HARM ANIMAL OR PLANT LIFE.

TEMPORARY & PERMANENT SEEDING NOTES (COASTAL PLAIN):

1. ALL UNPAVED AREAS AND/OR AREAS DISTURBED BY CONSTRUCTION SHALL BE TOPSOILED AND SEEDED.
2. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE YEAR. COVER SHALL BE ESTABLISHED AS FOLLOWS:

GENERAL SLOPE (3:1 OR LESS)

KENTUCKY 31 FESCUE	128 LBS.
RED TOP GRASS	2 LBS.
SEASONAL NURSE CROP*	20 LBS.

* USE SEASONAL NURSE CROP IN ACCORDANCE WITH SEEDING DATES AS STATED BELOW

FEBRUARY 16TH THROUGH APRIL.....ANNUAL RYE
MAY 1ST THROUGH AUGUST 15TH.....FOXTAIL MILLET
AUGUST 16TH THROUGH OCTOBER.....ANNUAL RYE
NOVEMBER THROUGH FEBRUARY 15TH.....WINTER RYE

3. LIME AND FERTILIZE SEEDED AREAS AS FOLLOWS:

LIME – 2 TONS/ACRE PULVERIZED AGRICULTURAL GRAD-LIMESTONE 90 LBS/1000 SQ. FT.)

FERTILIZER – 1000 LBS/ACRE 10-20-10 OR EQUIVALENT NUTRIENTS

FERTILIZER AND LIME SHOULD BE INCORPORATED INTO THE TOP 4-6 INCHES OF THE SOIL.

4. ALL PERMANENTLY SEEDED AREAS SHALL BE MULCHED AS FOLLOWS: (REFERENCED STD SPEC 3.35)

STRAW OR HAY 70-90LBS/1000 SF
*FIBER MULCH 35 LBS/1000 SF **
WOOD CHIPS 185-225 LBS/1000 SF TREAT WITH 12 LBS OF NITROGEN/TON
** NOT TO BE APPLIED FOR WINTER COVER OR HOT DRY PERIODS.*

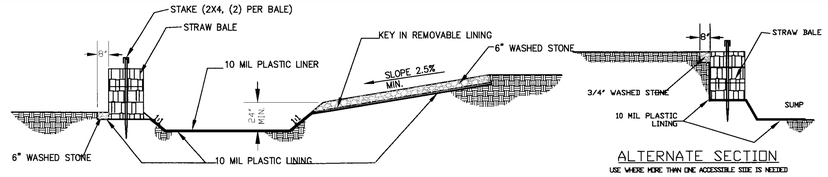
5. TEMPORARY SEEDING SPECIFICATIONS:

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

CONTRACTOR SHALL PROVIDE ESTABLISHED STAND OF GRASS AND MAINTAIN UNTIL ACCEPTANCE OF PROJECT BY THE OWNER

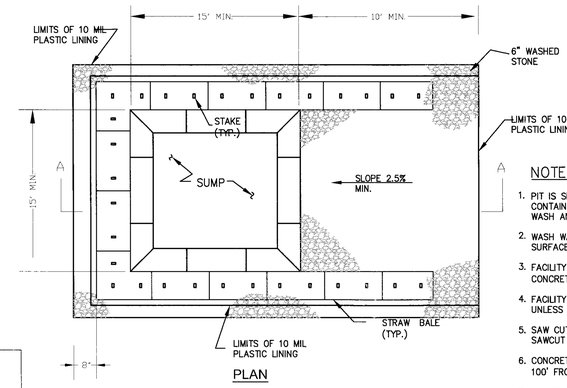
TS PS TEMPORARY & PERMANENT SEEDING – 3.31, 32
NOT TO SCALE

MU MULCHING – 3.35
NOT TO SCALE

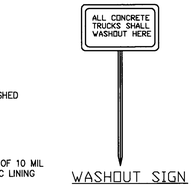


SECTION A-A

ALTERNATE SECTION
USE WHERE MORE THAN ONE ACCESSIBLE SIDE IS NEEDED



PLAN

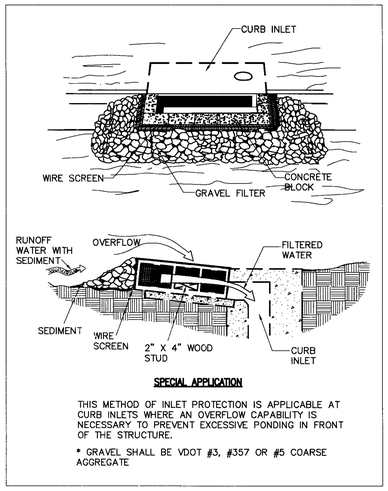


WASHOUT SIGN

NOTES:

1. PIT IS SPECIFICALLY DESIGNATED, DIKED AND IMPERVIOUS CONTAINMENT TO PREVENT CONTACT BETWEEN CONCRETE WASH AND STORMWATER.
2. WASH WATER SHALL NOT BE ALLOWED TO FLOW TO SURFACE WATER.
3. FACILITY MUST HOLD SUFFICIENT VOLUME TO CONTAIN CONCRETE WASTE WITH A MINIMUM FREEBOARD OF 12."
4. FACILITY SHALL NOT BE FILLED BEYOND 95% CAPACITY UNLESS A NEW FACILITY IS CONSTRUCTED.
5. SAW CUT PORTLAND CEMENT CONCRETE, RESIDUE FROM SAWCUT & GRINDING TO BE DISPOSED OF IN THE PIT.
6. CONCRETE WASHOUTS SHALL BE LOCATED A MINIMUM OF 100' FROM DRAINAGE WAYS, INLETS, & SURFACE WATERS.
7. MANUFACTURED CONCRETE WASHOUT DEVICES MAY BE USED IF REMOVED FROM THE SITE WHEN 95% FULL CAPACITY.

1 CONCRETE WASHOUT AREA DETAIL
SCALE: N.T.S.

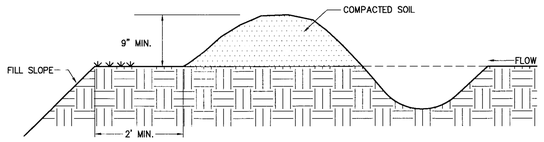


SPECIAL APPLICATION

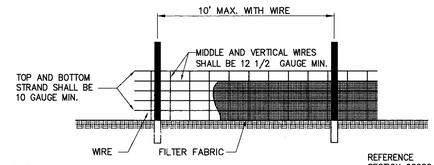
THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE AN OVERFLOW CAPABILITY IS NECESSARY TO PREVENT EXCESSIVE PONDING IN FRONT OF THE STRUCTURE.

* GRAVEL SHALL BE VDOT #3, #357 OR #5 COARSE AGGREGATE

IP INLET PROTECTION – CURB INLET – 3.07
NOT TO SCALE



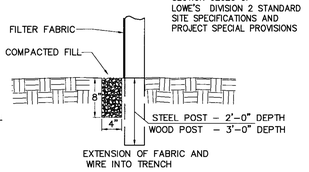
FD TEMPORARY FILL DIVERSION–3.10
NOT TO SCALE



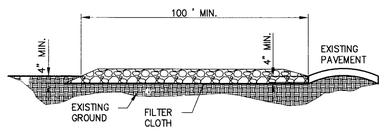
NOTES:

1. WIRE SHALL BE A MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
2. FILTER FABRIC SHALL BE A MINIMUM OF 36" IN WIDTH AND SHALL BE FASTENED ADEQUATELY TO THE WIRE.
3. STEEL POST SHALL BE 5'-0" IN HEIGHT AND BE OF THE SELF-FASTENER ANGLE STEEL TYPE.
4. WOOD POST SHALL BE 6'-0" IN HEIGHT AND 3" IN DIAMETER.

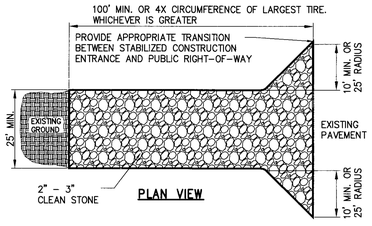
REFERENCE SECTION 02020 OF LOWE'S DIVISION 2 STANDARD SITE SPECIFICATIONS AND PROJECT SPECIAL PROVISIONS



SF WIRE BACKED SILT FENCE – 3.05
NOT TO SCALE

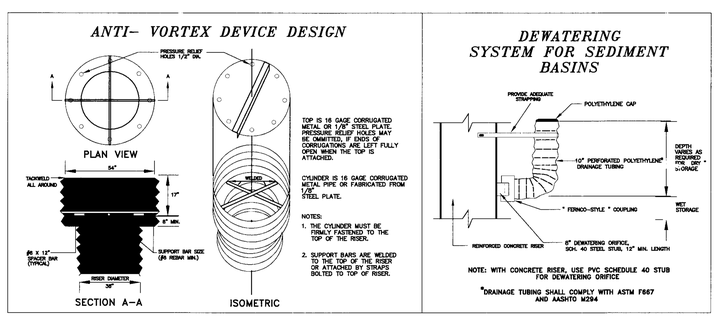


SIDE ELEVATION



PLAN VIEW

TP TEMPORARY CONSTRUCTION ENTRANCE–3.02
NOT TO SCALE



SB TEMPORARY SEDIMENT BASIN – 3.14
NOT TO SCALE

REVISIONS
PRE-BID SET ISSUE DATE / POST BID SET ISSUE DATE

DATE	DESCRIPTION
12-14-07	County Comments

COMMONWEALTH OF VIRGINIA
DAVID L. BARLOW
LIC. NO. 31636
PROFESSIONAL ENGINEER

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EROSION & SEDIMENT CONTROL NOTES & DETAILS
LOWE'S OF PRINCE GEORGE, VA
117 K SUPER WIDE
PRINCE GEORGE, VA
PROJECT No: 165164 | DRAWN BY: CAX | CHECKED BY: ISH

ORIGINAL ISSUE DATE: 11-05-07
PERMIT SET ISSUE DATE: 12-14-07
CONSTRUCTION SET ISSUE DATE:
DRAWING NUMBER:
C-108.1

File: K:\165164\CADD\MEADOW\-DESIGN PLANS\100-PLANS\100-PLANS\C-108.1-C-108.2.DWG
Scale: 1 1/2"=20'0 9:03:31 AM Plotted: 5/12/2008 2:50:57 PM User: Mark Gardner