

# EROSION AND SEDIMENT CONTROL NARRATIVE

THE PURPOSE OF THE EROSION CONTROL MEASURES SHOWN ON THESE PLANS SHALL BE TO PRECLUDE THE TRANSPORT OF ALL WATERBORNE SEDIMENTS RESULTING FROM CONSTRUCTION ACTIVITIES ENTERING ONTO ADJACENT PROPERTIES OR STATE WATERS.

- MINIMUM STANDARDS:** ALL APPLICABLE STANDARDS SHALL BE ADHERED TO AND MAINTAINED AS NOTED IN THESE PLANS FOR THE DURATION OF THE PROJECT UNLESS OTHERWISE DIRECTED BY THE OWNER OR THE OWNERS REPRESENTATIVE. MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK (MOST RECENT EDITION). THE CONTRACTOR SHALL BE THOROUGHLY FAMILIAR WITH ALL APPLICABLE MEASURES CONTAINED THEREIN THAT MAY BE PERTINENT TO THIS PROJECT, INCLUDING MINIMUM STANDARDS 1 THROUGH 19. IF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN IS FOUND TO BE INADEQUATE IN THE FIELD, THE MINIMUM STANDARDS WILL APPLY IN ADDITION TO THE PROVISIONS OF THE APPROVED PLAN.
- PROJECT DESCRIPTION:** THE PURPOSE OF THIS PROJECT IS TO CONSTRUCT A 10,000 SF PUBLIC SAFETY FACILITY AT PETER JEFFERSON PLACE IN CHARLOTTESVILLE, VIRGINIA. DEMOLITION INCLUDES OF AN EXISTING BUILDING AND THE PAVED ENTRANCE ROAD. THE SITE WORK INCLUDES BUILDING CONSTRUCTION, PARKING LOT, AN ASPHALT ENTRANCE ROAD, STORMWATER MANAGEMENT AND SITE GRADING, AND ASSOCIATED UTILITIES.
- EXISTING SITE CONDITIONS:** THE MAJORITY OF THE SITE TOPOGRAPHY DRAINS VIA OVERLAND FLOW TO AN EXISTING STORMPIPE LOCATED NEAR THE CENTER OF THE SITE LOWPOINT. AREAS DRAINING TO THIS PIPE CONTAIN STEEP SLOPING AREAS THAT ARE SUSCEPTIBLE TO CRITICAL EROSION. THESE AREAS WILL BE PROTECTED WITH EROSION CONTROL BLANKETS. THE SOUTHWEST CORNER OF THE SITE DRAINS TO A STORMPIPE THAT DRAINS INTO HICKMAN'S BRANCH CREEK. SOIL EROSION SHALL BE PREVENTED BY PLACING SILT FENCE ALONG THE PERIMETER OF THE SITE AND PROVIDING TEMPORARY SEEDING AS CONSTRUCTION PROGRESSES.
- ADJACENT AREAS:** THIS SITE IS BORDERED ON THE NORTH BY PETER JEFFERSON PARKWAY, TO THE EAST THE SITE IS BORDERED BY THE PJP BUILDING SIX AND PJP BUILDING SEVEN. TO THE WEST OF THE SITE PJP BUILDING TWO IS LOCATED ALONG WITH CRAMPTON FAMILY, LLC CONDOMINIUMS. THE SOUTHERN BORDER BACKS UP INTO INTERSTATE 64.
- OFF SITE AREAS:** THERE ARE NO OFF SITE AREAS ANTICIPATED FOR THIS PROJECT.
- SOILS:** SOILS INFORMATION FOR THIS AREA IS FROM THE USDA SOIL WEB SOIL SURVEY. THE SITE IS COMPRISED OF THE FOLLOWING SOIL GROUPS: RABIN CLAY LOAM - 15 TO 25 PERCENT SLOPES. UDORTHENTS, LOAMY - 2 TO 25 PERCENT SLOPES.
- EROSION AND SEDIMENT CONTROL MEASURES:** 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, 1992.

## EROSION AND SEDIMENT CONTROL PRACTICES WITH VESCH NOTATION:

- CONSTRUCTION ENTRANCES (3.02):** THE EXISTING PAVED ENTRANCE SHALL BE UTILIZED AS THE CONSTRUCTION ENTRANCE. A WASH RACK SHALL BE INSTALLED AT THE ENTRANCE TO DETAIN SILT. THE CONSTRUCTION ENTRANCE IS TO BE REMOVED ONCE CONSTRUCTION IS COMPLETE.
- SILT FENCE (3.05):** SILT FENCE WILL BE INSTALLED ON THE DOWNHILL SLOPE AT THE LIMITS OF GRADING IN ORDER TO INTERCEPT AND DETAIN SMALL AMOUNTS OF SEDIMENT FROM DISTURBED AREAS DURING CONSTRUCTION OPERATIONS TO PREVENT SEDIMENT FROM LEAVING THE SITE. SILT FENCE INSTALLATION SHALL BE COORDINATED WITH AND INSPECTED BY THE EROSION AND SEDIMENT CONTROL REPRESENTATIVE.
- CULVERT INLET PROTECTION (3.08):** SEDIMENT FILTER SHALL BE PROVIDED AND LOCATED AT THE INLET OF A STORM SEWER CULVERTS TO PREVENT SEDIMENT FROM ENTERING AND ACCUMULATING IN AND BEING TRANSPORTED BY THE CULVERT.
- OUTLET PROTECTION (3.18):** TO PREVENT SCOUR AT STORMWATER OUTLETS PROTECT OUTLET STRUCTURE WITH AN APRON LINING WITH RIPRAP TO REDUCE VELOCITY OF AND ENERGY OF CONCENTRATED STORMWATER FLOWS.
- TOPSOILING (3.30):** STRIPPING OF TOPSOIL AND SOIL STOCKPILES SHALL BE IN ACCORDANCE WITH THE MINIMUM STANDARDS OF THE CURRENT VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK. STOCKPILE SHALL BE NO GREATER THAN 6 FT WITH SIDE SLOPES NOT TO EXCEED 2:1. PERIMETER CONTROLS SHALL BE PLACED AROUND STOCKPILE(S) IMMEDIATELY; SEEDING OF STOCKPILES SHALL BE COMPLETED WITHIN 7 DAYS.
- TEMPORARY SEEDING (3.31):** ALL DISTURBED AREAS ARE TO BE TEMPORARILY STABILIZED BY SEEDING AND MULCHING. SEEDING IS TO BE AT 75 LBS/ACRE, AND IN THE MONTHS OF SEPTEMBER TO FEBRUARY TO CONSIST OF ANNUAL RYE, OR MAY THROUGH AUGUST TO CONSIST OF GERMAN MILLET. STRAW MULCH IS TO BE APPLIED AT 80LBS/100SF. ALTERNATIVES ARE SUBJECT TO APPROVED BY THE COUNTY EROSION CONTROL INSPECTOR.
- PERMANENT SEEDING (3.32):** PERMANENT STABILIZATION SHALL BE LIME AND FERTILIZER, PERMANENT SEEDING, AND MULCH. AGRICULTURAL GRADE LIMESTONE SHALL BE APPLIED AT 90LBS/1000SF, INCORPORATED INTO THE TOP 4-6 INCHES OF SOIL. FERTILIZER SHALL BE APPLIED AT 100LBS/ACRE AND CONSIST OF A 10-20-10 NUTRIENT MIX. PERMANENT SEEDING SHALL BE APPLIED AT 180LBS/ACRE AND CONSIST OF 95% KENTUCKY 31 OR TALL FESCUE AND 0-5% PERENNIAL RYEGRASS OR KENTUCKY BLUEGRASS. STRAW MULCH IS TO BE APPLIED AT 80LBS/100SF. ALTERNATIVES ARE SUBJECT TO APPROVED BY THE COUNTY EROSION CONTROL INSPECTOR. REFER TO VESCH SECTION 3.32 FOR APPROPRIATE STANDARDS AND CRITERIA.
- SOIL STABILIZATION BLANKETS & MATTING (3.36):** INSTALL VESCH TREATMENT-1 BIODEGRADABLE SOIL STABILIZATION MATTING ON PREPARED PLANTING AREA OF STEEP SLOPES OR CHANNELS TO HELP ESTABLISH VEGETATION ON DISTURBED SLOPES.
- DUST CONTROL (3.39):** TO REDUCE SURFACE AND AIR MOVEMENT OF DUST DURING LAND DISTURBING, DEMOLITION AND CONSTRUCTION ACTIVITIES SPRINKLE SITE WITH WATER UNTIL THE SURFACE IS WET. REPEAT AS NEEDED.

## MANAGEMENT STRATEGIES AND SEQUENCE OF CONSTRUCTION:

- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITY. THE JOB SUPERINTENDENT SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THESE MEASURES. THE CONTRACTOR MUST HAVE AN APPROVED EROSION AND SEDIMENT CONTROL PLAN PRIOR TO LAND DISTURBING ACTIVITIES AND PRIOR TO HAULING EXCESS DEBRIS, WASTE, OR SOIL MATERIAL TO ANY OFF-SITE DISPOSAL AREA(S). NO EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED UNTIL STABILIZATION, AS DETERMINED BY THE CITY EROSION CONTROL INSPECTOR HAS BEEN ACHIEVED. DURING CONSTRUCTION, THE OWNER'S REPRESENTATIVE, SHALL BE IMMEDIATELY NOTIFIED OF ANY ISSUES CONCERNING FAILING EROSION CONTROLS OR THOSE AT RISK OF IMMINENT FAILURE.
- CONSTRUCTION MAINTENANCE IN GENERAL:** ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED AFTER EACH SIGNIFICANT RAINFALL EVENT. FURTHER, ALL MEASURES SHALL BE INSPECTED, AND REPAIRED/PREPARED IF NECESSARY, PRIOR TO FORECASTED LARGE STORM EVENTS. THE FOLLOWING ITEMS WILL BE CHECKED IN PARTICULAR:
  - \* SILT FENCE WILL BE CHECKED REGULARLY FOR UNDERMINING OR DETERIORATION OF THE FABRIC. SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES HALFWAY TO THE TOP OF THE BARRIER. INLET PROTECTION SHALL BE CHECKED REGULARLY FOR ACCUMULATION OF SEDIMENT AND INTEGRITY OF PROTECTION APPARATUS. SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES HALFWAY TO THE TOP OF THE BARRIER. THE CONTRACTOR IS RESPONSIBLE FOR ADHERING TO ALL MAINTENANCE REQUIREMENTS OF THE EROSION AND SEDIMENT CONTROL MEASURES AS OUTLINED IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, 1992.
  - \* THE CONSTRUCTION ENTRANCES SHALL BE CHECKED FOR SEDIMENT ACCUMULATION AND SHALL BE CLEANED AS NECESSARY.
  - \* THE SEEDED AREAS WILL BE CHECKED REGULARLY WITHIN THE MAINTENANCE PERIOD TO ENSURE THAT A GOOD STAND IS MAINTAINED. AREA SHOULD BE FERTILIZED AND RESEEDING AS NEEDED.

- UTILITIES: UNDERGROUND UTILITY LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS IN ADDITION TO OTHER APPLICABLE CRITERIA:
  - NO MORE THAN 500 LINEAR FEET OF TRENCH MAY BE OPENED AT ONE TIME.
  - EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.
  - 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.
  - MATERIAL USED FOR BACKFILLING TRENCHES SHALL BE PROPERLY COMPACTED IN ORDER TO MINIMIZE EROSION AND PROMOTE STABILIZATION.
  - RESTALLATION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE REGULATIONS.
  - CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY REGULATIONS.

- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, UNLESS OTHERWISE AUTHORIZED BY THE LOCAL PERMIT AUTHORITY. TRAPPED SEDIMENT AND THE DISTURBED SOIL AREAS RESULTING FROM THE DEPOSITION OF TEMPORARY MEASURES SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION.

# ALBEMARLE COUNTY EROSION & SEDIMENT CONTROL NOTES

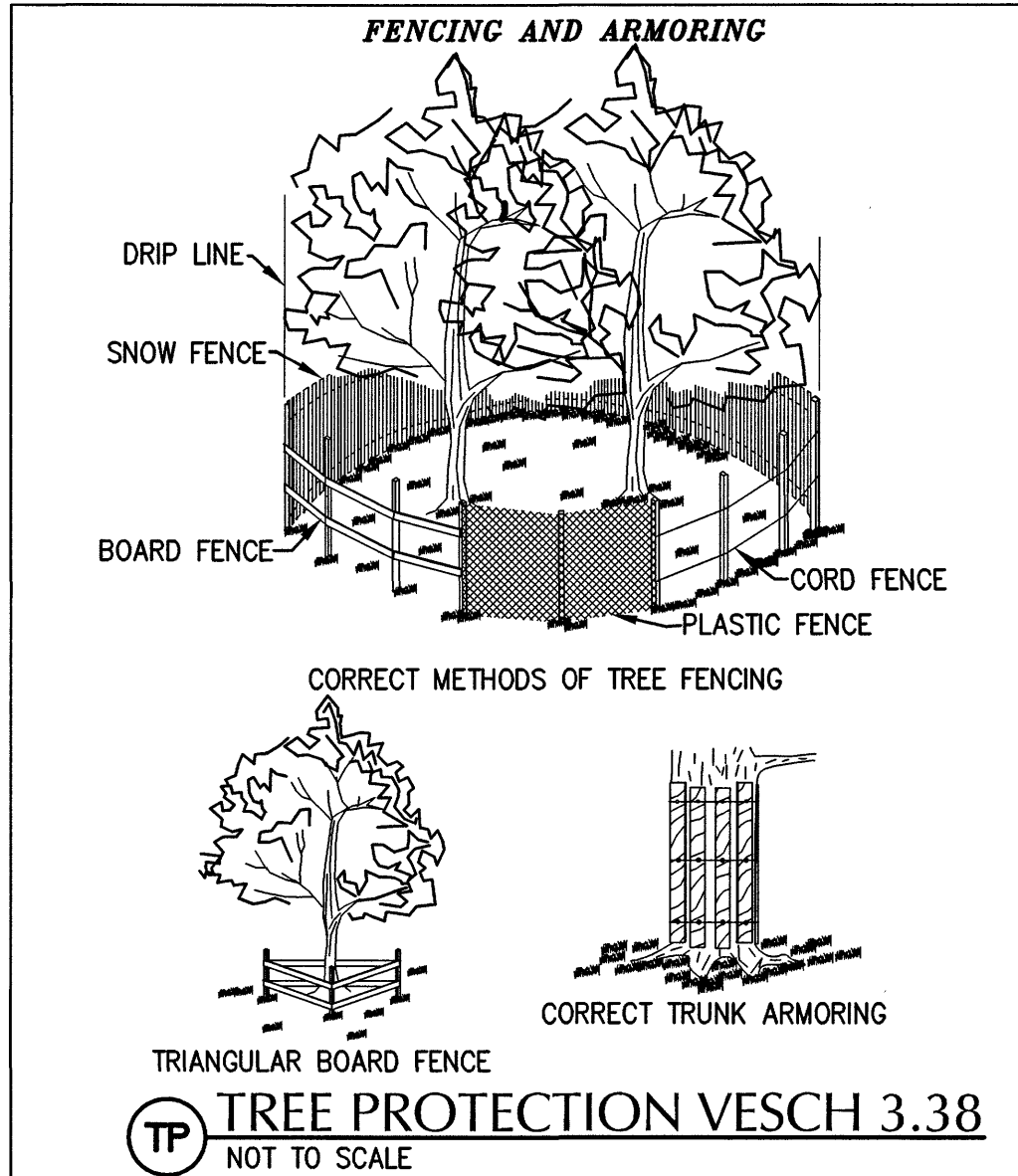
- THE PLAN APPROVING AUTHORITY MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
- ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AND VIRGINIA REGULATIONS VR 625-02-00 EROSION AND SEDIMENT CONTROL REGULATIONS.
- ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS 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 PLAN APPROVING AUTHORITY.
- 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.
- 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.
- DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO AN APPROVED FILTERING DEVICE.
- 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 IMMEDIATELY.
- ALL FILL MATERIAL TO BE TAKEN FROM AN APPROVED, DESIGNATED BORROW AREA.
- ALL WASTE MATERIALS SHALL BE TAKEN TO AN APPROVED WASTE AREA. EARTH FILL SHALL BE INERT MATERIALS ONLY, FREE OF ROOTS, STUMPS, WOOD, RUBBISH, AND OTHER DEBRIS.
- BORROW OR WASTE AREAS ARE TO BE RECLAIMED WITHIN 7 DAYS OF COMPLETION PER ZONING ORDINANCE SECTION 5.1.28.
- ALL INERT MATERIALS SHALL BE TRANSPORTED IN COMPLIANCE WITH SECTION 13-301 OF THE CODE OF ALBEMARLE.
- BORROW, FILL OR WASTE ACTIVITY INVOLVING INDUSTRIAL-TYPE POWER EQUIPMENT SHALL BE LIMITED TO THE HOURS OF 7:00AM TO 9:00PM.
- BORROW, FILL OR WASTE ACTIVITY SHALL BE CONDUCTED IN A SAFE MANNER THAT MAINTAINS LATERAL SUPPORT, OR ORDER TO MINIMIZE ANY HAZARD TO PERSONS, PHYSICAL DAMAGE TO ADJACENT LAND AND IMPROVEMENTS, AND DAMAGE TO ANY PUBLIC STREET BECAUSE OF SLIDES, SINKING, OR COLLAPSE.
- THE DEVELOPER SHALL RESERVE THE RIGHT TO INSTALL, MAINTAIN, REMOVE OR CONVERT TO PERMANENT STORMWATER MANAGEMENT FACILITIES (WHERE APPLICABLE) AND ALL EROSION CONTROL MEASURES REQUIRED BY THIS PLAN REGARDLESS OF THE SALE OF ANY LOT, UNIT, BUILDING OR OTHER PORTION OF THE PROPERTY.
- TEMPORARY STABILIZATION SHALL BE TEMPORARY SEEDING AND MULCHING. SEEDING IS TO BE AT 75 LBS/ACRE, AND IN THE MONTHS OF SEPTEMBER TO FEBRUARY TO CONSIST OF ANNUAL RYEGRASS AND CEREAL WINTER RYE, OR IN MARCH AND APRIL TO CONSIST OF ANNUAL RYE, OR MAY THROUGH AUGUST TO CONSIST OF GERMAN MILLET. STRAW MULCH IS TO BE APPLIED AT 80LBS/100SF. ALTERNATIVES ARE SUBJECT TO APPROVED BY THE COUNTY EROSION CONTROL INSPECTOR.
- PERMANENT STABILIZATION SHALL BE LIME AND FERTILIZER, PERMANENT SEEDING, AND MULCH. AGRICULTURAL GRADE LIMESTONE SHALL BE APPLIED AT 90LBS/1000SF, INCORPORATED INTO THE TOP 4-6 INCHES OF SOIL. FERTILIZER SHALL BE APPLIED AT 100LBS/ACRE AND CONSIST OF A 10-20-10 NUTRIENT MIX. PERMANENT SEEDING SHALL BE APPLIED AT 180LBS/ACRE AND CONSIST OF 95% KENTUCKY 31 OR TALL FESCUE AND 0-5% PERENNIAL RYEGRASS OR KENTUCKY BLUEGRASS. STRAW MULCH IS TO BE APPLIED AT 80LBS/100SF. ALTERNATIVES ARE SUBJECT TO APPROVED BY THE COUNTY EROSION CONTROL INSPECTOR.
- MAINTENANCE: ALL MEASURES ARE TO BE INSPECTED WEEKLY AND AFTER EACH RAINFALL. ANY DAMAGE OR CLOGGING TO STRUCTURAL MEASURES IS TO BE REPAIRED IMMEDIATELY. SILT TRAPS ARE TO BE CLEANED WHEN 50% OF THE WET STORAGE VOLUME IS FILLED WITH SEDIMENT. ALL SEEDED AREAS ARE TO BE RESEEDING WHEN NECESSARY TO ACHIEVE A GOOD STAND OF GRASS. SILT FENCE AND DIVERSION DYKES WHICH ARE COLLECTING SEDIMENT TO HALF THEIR HEIGHT MUST BE CLEANED AND REPAIRED IMMEDIATELY.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE REMOVED WITHIN 30 DAYS OF FINAL SITE STABILIZATION, WHEN MEASURES ARE NO LONGER NEEDED, SUBJECT TO APPROVAL BY THE COUNTY EROSION CONTROL INSPECTOR.
- THIS PLAN SHALL BE VOID IF THE OWNER DOES NOT OBTAIN A PERMIT WITHIN 1 YEAR OF THE DATE OF APPROVAL. (WATER PROTECTION ORDINANCE SECTION 17-204G.)
- PERMANENT VEGETATION SHALL BE INSTALLED ON ALL DENUDED AREAS WITHIN NINE (9) MONTHS AFTER THE DATE THE LAND DISTURBING ACTIVITY COMMENCED. (WATER PROTECTION ORDINANCE SECTION 17-207B)

## VA STORMWATER MANAGEMENT PROGRAM (VSMP):

THE CONTRACTOR SHALL ENSURE COMPLIANCE WITH THE REQUIREMENTS OF VR680-14-19 - VIRGINIA STORMWATER MANAGEMENT PROGRAM (VSMP) GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION SITE, INCLUDING BUT NOT LIMITED TO THE FOLLOWING ITEMS:

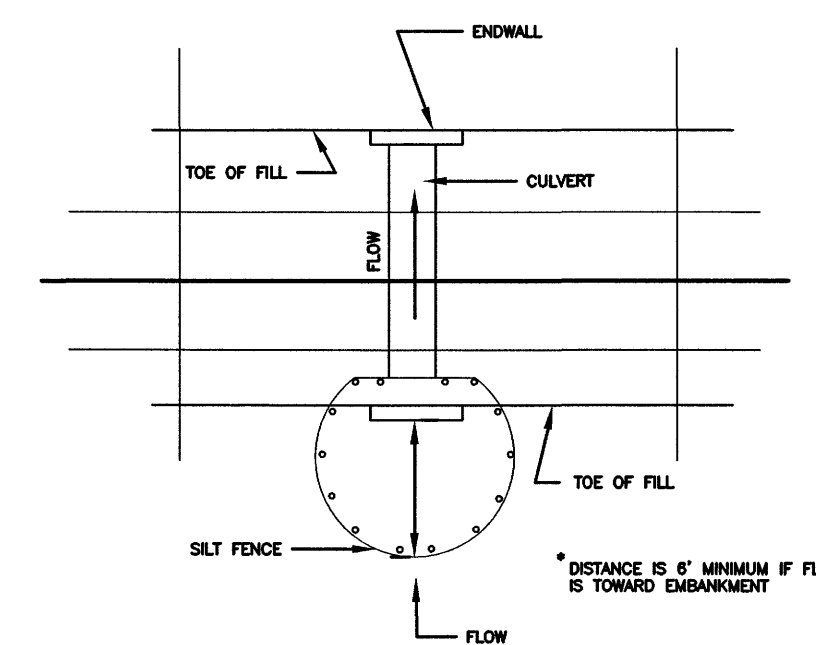
PREPARATION, IMPLEMENTATION, DOCUMENTATION, AND INSPECTIONS NECESSARY FOR COMPLIANCE WITH STORMWATER GENERAL PERMIT.

- PREPARATION AND IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR THE SITE IN ACCORDANCE WITH THE GENERAL PERMIT REQUIREMENT WITH REGARD TO EROSION AND SEDIMENT CONTROL, POST-CONSTRUCTION STORM WATER MANAGEMENT, AND OTHER CONTROLS REGARDING SOLID MATERIALS, SEDIMENTS AND DUST, AND THE DEMONSTRATED COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.
- RETENTION OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AT THE CONSTRUCTION SITE. THE PLAN AND OTHER RELATED DOCUMENTS SHALL BE MADE AVAILABLE UPON REQUEST TO AUTHORIZED LOCAL, STATE OR FEDERAL REPRESENTATIVES.
- AMENDMENT OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION OPERATION OR MAINTENANCE, WHICH HAS A SIGNIFICANT EFFECT ON THE POTENTIAL FOR THE DISCHARGE OF POLLUTANTS TO THE SURFACE WATERS OF THE STATE, OR IF THE STORM WATER POLLUTION PREVENTION PLAN PROVES TO BE INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANTS FROM THE CONSTRUCTION ACTIVITY.
- DOCUMENTATION OF THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR, WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE, AND WHEN STABILIZATION MEASURES ARE IMPLEMENTED.
- INSPECTIONS OF DISTURBED AREAS OF THE CONSTRUCTION SITE AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION THAT HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT THAT PRODUCES SURFACE RUNOFF AS REQUIRED BY THE GENERAL PERMIT REGULATIONS. REPORTS SUMMARIZING THE INSPECTIONS SHALL BE MADE IN ACCORDANCE TO THE REGULATIONS AND RETAINED AS PART OF THE STORM WATER POLLUTION PREVENTION PLAN.
- ALL CONTRACTORS AND SUBCONTRACTORS SHALL SIGN A COPY OF THE CERTIFICATION STATEMENT AS DESCRIBED IN THE GENERAL PERMIT BEFORE CONDUCTING ANY PROFESSIONAL SERVICES AT THE SITE IDENTIFIED IN THE POLLUTION PREVENTION PLAN. ALL CERTIFICATIONS SHALL BE INCLUDED IN THE STORM WATER POLLUTION PREVENTION PLAN.
- ALL DOCUMENTS, RECORDS, AND OTHER INFORMATION RELEVANT TO THE GENERAL PERMIT REGULATIONS SHALL BE GIVEN TO THE OWNER FOLLOWING FINAL STABILIZATION OF THE SITE.
- WHEN THE SITE HAS BEEN FINALLY STABILIZED AND ALL STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES THAT ARE AUTHORIZED BY THE GENERAL PERMIT ARE ELIMINATED, A NOTICE OF TERMINATION SHALL BE PREPARED FOR THE OWNER TO SIGN AND SUBMIT TO THE VIRGINIA DEPARTMENT OF CONSERVATION AND RECREATION.
- THE STRUCTURAL STABILITY OF THE PERMITTED FACILITIES SHALL BE ENSURED.
- EXECUTION OF REPORTING REQUIREMENTS IN THE EVENT OF NONCOMPLIANCE OF THE GENERAL PERMIT OR IF ANY UNPERMITTED, UNUSUAL OR EXTRAORDINARY DISCHARGE ENTERS OR COULD BE EXPECTED TO ENTER SURFACE WATERS OF THE STATE.
- PROHIBITION OF NON-STORMWATER DISCHARGES EXCEPT AS PROVIDED FOR IN THE GENERAL PERMIT. APPROPRIATE POLLUTION PREVENTION MEASURES FOR NON-STORM WATER COMPONENTS OF DISCHARGE SHALL BE IMPLEMENTED.
- EXECUTION OF REPORTING REQUIREMENTS OF 40 CFR PART 117 (1992) AND 40 CFR PART 302 (1992). IN ADDITION, THE DISCHARGE OF HAZARDOUS SUBSTANCES OR OIL IN THE STORM WATER DISCHARGE FROM THE CONSTRUCTION SITE SHALL BE PREVENTED AND MINIMIZED IN ACCORDANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN.
- PROHIBITION OF DISCHARGE OF HAZARDOUS SUBSTANCES, OIL OR POLLUTANTS RESULTING FROM ON-SITE SPILLS OR RELEASES.
- ALL WASTE COLLECTING, CONTROL, TREATMENT, MANAGEMENT OR POLLUTANT ACTIVITIES AND DISPOSAL FACILITIES SHALL BE OPERATED IN A MANNER CONSISTENT WITH THE GENERAL PERMIT REGULATIONS.
- ALL FEASIBLE STEPS TO MINIMIZE ANY ADVERSE IMPACTS TO STATE WATERS RESULTING NON-COMPLIANCE WITH CONDITIONS SPECIFIED IN THE GENERAL PERMIT SHALL BE TAKEN.
- ALL REASONABLE STEPS TO MINIMIZE, CORRECT OR PREVENT ANY DISCHARGE IN VIOLATION OF THE GENERAL PERMIT WHICH HAS A REASONABLE LIKELIHOOD OF ADVERSELY AFFECTING HUMAN HEALTH OR THE ENVIRONMENT SHALL BE TAKEN.

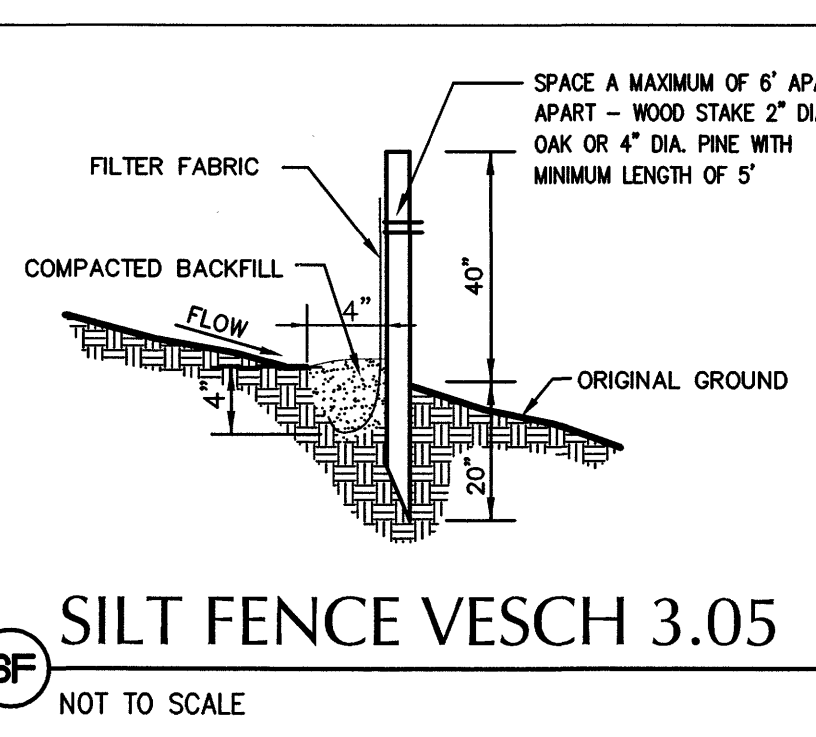


Source: Va. DSWC Plate 3.38-2

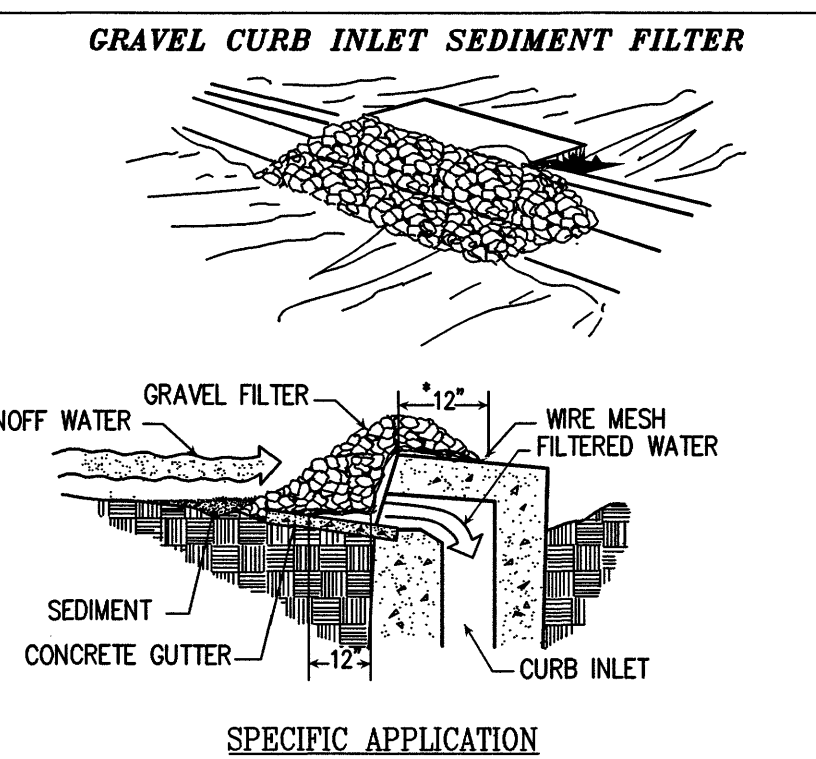
## SILT FENCE CULVERT INLET PROTECTION



Source: Adapted from VDOT STANDARDS, SHEETS AND VUL DSWC Plate 3.08-1

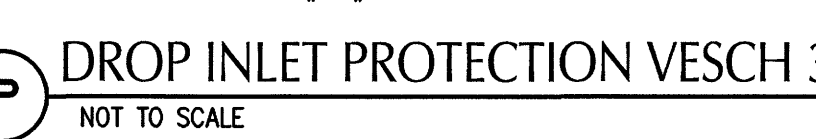


Source: VA DSWC Plate 3.06-2

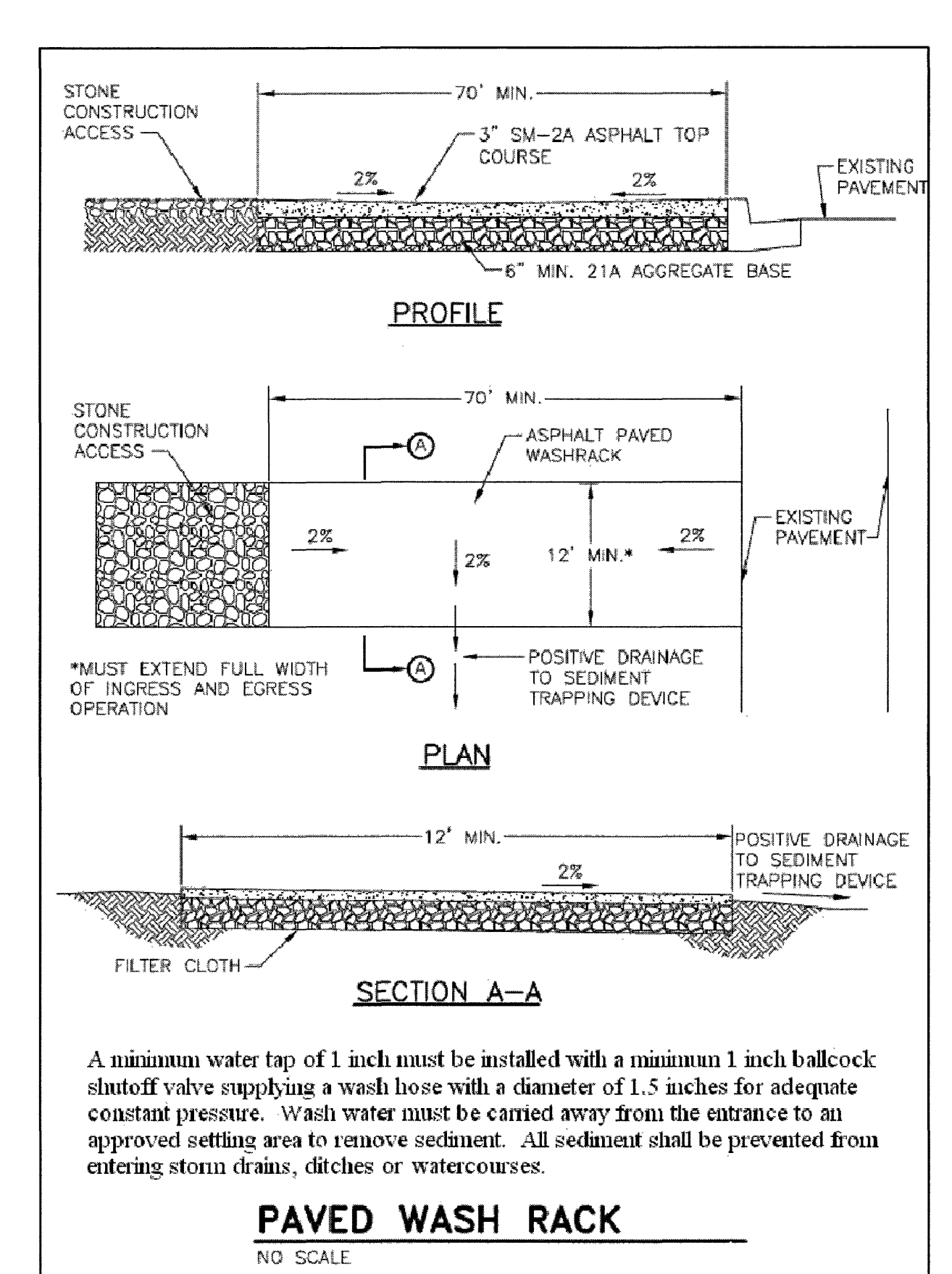


THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE PONDING IN FRONT OF THE STRUCTURE IS NOT LIKELY TO CAUSE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

\* GRAVEL SHALL BE VDOT #3, #57 OR 5 COARSE AGGREGATE.



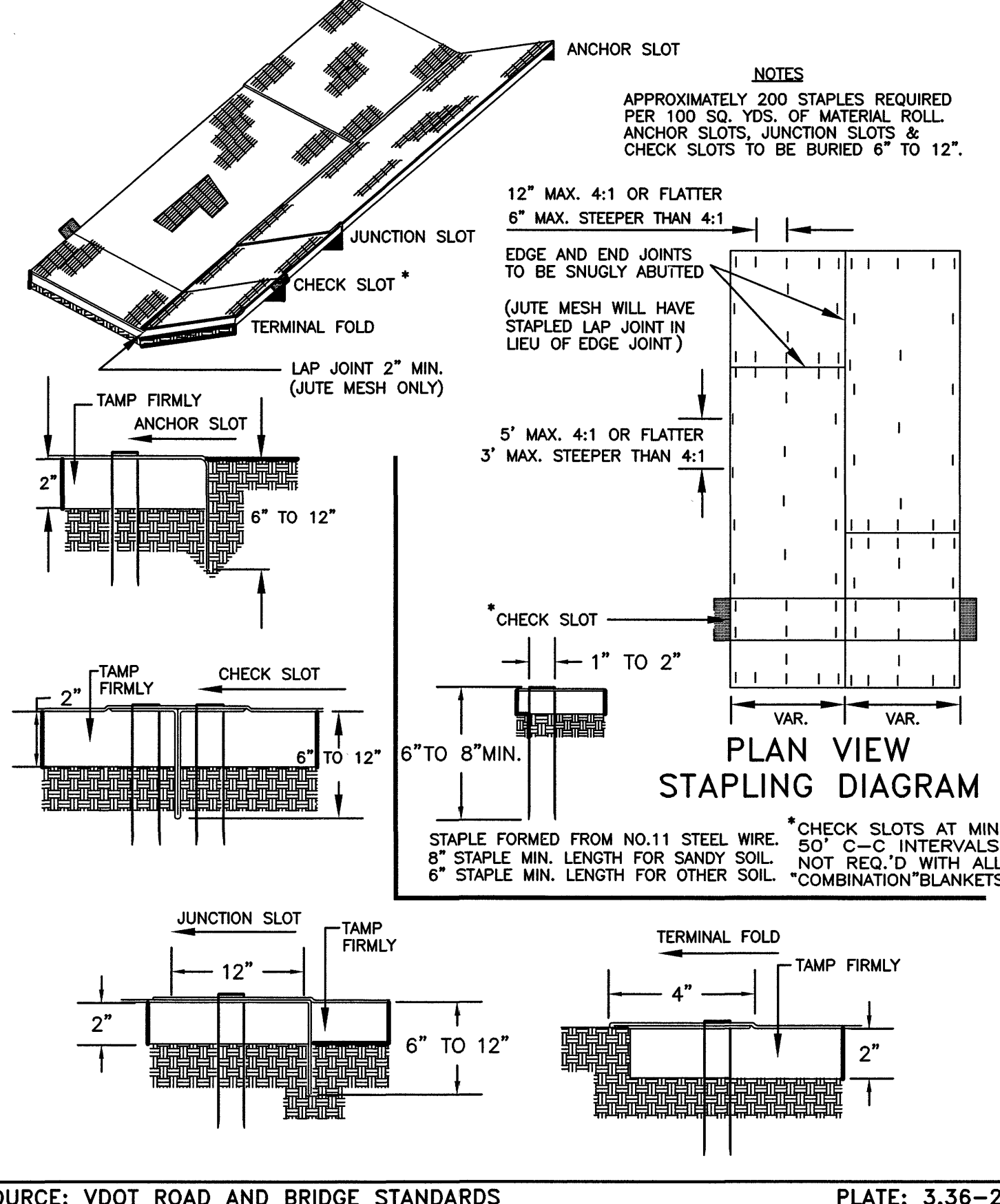
Source: VA. DSWC Plate 3.07-6



A minimum water tap of 1 inch must be installed with a minimum 1 inch ballcock shut-off valve supplying a wash hose with a diameter of 1.5 inches for adequate constant pressure. Wash water must be carried away from the entrance to an approved setting area to remove sediment. All sediment shall be prevented from entering storm drains, ditches or watercourses.

PAVED WASH RACK NO SCALE

## TYPICAL TREATMENT - 1 (SOIL STABILIZATION BLANKET) INSTALLATION CRITERIA



Source: VDOT ROAD AND BRIDGE STANDARDS Plate: 3.36-2



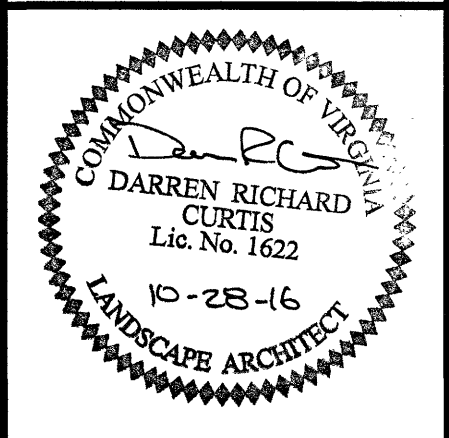
Source: VDOT ROAD AND BRIDGE STANDARDS Plate: 3.36-2



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COUNTY OF ALBEMARLE

PANTOPS  
PUBLIC SAFETY  
FACILITY

IFB # 2017-11223-20

CHARLOTTESVILLE,  
VIRGINIA

## REVISIONS

NO.	DATE	DESCRIPTION

COMMISSION NUMBER

2160310

SCALE: AS SHOWN

DESIGNED: DRC/MC

DRAWN: DRC/MC

CHECKED: DFB

DATE: 10.28.2016

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SHEET TITLE  
EROSION &  
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CONTROL NOTES  
& DETAILS

SHEET NUMBER

C-501

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