FILTER FABRIC IN SILT FENCE ASTM 5141 75% (MIN.)

EXTRA STRENGTH — 50 LBS./LINEAR INCH (MIN.)

(*) REQUIREMENTS REDUCED BY 50% AFTER SIX MONTHS OF INSTALLATION

TABLE 3.05-B PHYSICAL PROPERTIES OF

CONSTRUCTION SPECIFICATIONS

MATERIALS

1. SINTHETIC FILTER FABRIC SHALL BE A PERVIOUS SHEET OF PROPYLENE, NYLON, POLYESTER OR ETHYLENE YARN AND SHALL BE CERTIFIED BY THE MANUFACTURER OR SUPPLIER AS CONFORMING TO THE REQUREMENTS NOTED IN TABLE 3.03-8

2. SYNTHETIC FILTER FABRIC SHALL CONTAIN ULTRAVOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM OF SX MONTHS OF EXPECTED USABLE CONSTRUCTION LIFE AT A TEMPERATURE RANGE OF OF TO 120° F.

3. IF WOODEN STAKES ARE UTILIZED FOR SILT FENCE CONSTRUCTION, THEY MUST HAVE A DIAMETER OF 2 MICHES WHEN OAK IS USED AND 4 INCHES WHEN PINE IS USED. WOODEN STAKES MUST HAVE A MINIMUM LENGTH OF 5 FEET.

4. IF STEEL POST (STANDARD "U" OR "T" SECTION) ARE UTILIZED FOR SILT FENCE CONSTRUCTION, THEY MUST HAVE A MINIMUM WEIGHT OF 1.33 POUNDS PER LINEAR FOOT AND SHALL HAVE A MINIMUM LENGTH OF 5 FEET.

5. WIRE FENCE REINFORCEMENT FOR SILT FENCE USING STANDARD FILTER CLOTH SHALL BE A MINIMUM OF 14 GAUGE AND SHALL HAVE A MINIMUM MESH SPACING OF 6 NICHES.

INSTALLATION

1. THE MEIGHT OF A SILT FENCE SHALL BE A MINIMUM OF 18 INCHES ABOVE THE ORIGINAL GROUND SURFACE AND SHALL NOT EXCEED 34 INCHES ABOVE GROUND ELEVATION.

2. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUIT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE UNAVOIDABLE, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP, AND SECURELY SEALED.

STALED.

A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4—INCHES WIDE AND 4—INCHES DEEP ON THE UPSINEEP SIDE OF THE SILT FENCE.

WHEN WIRE SUPPORT IS USED, STANDARD FILTER CLOTH MAY BE USED. POSTS FOR THIS TYPE OF INSTALLATION SHALL BE PLACED A MINIMUM OF TO FEET APART THE WIRE MESH FENCE MUST BE FASTENED SECURELY TO THE UPSINEEP SIDE OF THE POST USING HEAVY DUTY WIRE STAPLES AT LEAST ONE INCH LONG, TIE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF THO INCHES AND SHALL NOT EXTEND MORE THAN 34 INCHES ABOVE THE ORIGINAL GROUND SURFACE. THE STANDARD FABRIC SHALL BE STAPLED OF WIRED TO THE WIRE FENCE, AND 8 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.

WHEN WIRE SUPPORT IS NOT USED, EXTRA STRENGITH FILTER CLOTH SHALL BE USED. POSTS FOR THIS TYPE OF FABRIC SHALL BE PLACED A MAXIMUM OF 6 FEET APART THE FILTER FABRIC SHALL BE FASTENED SECURELY TO THE UPSINEEP SIDE OF THE POSTS USING MINIMUM 1º LONG HEAVY DUTY WIRE STAPLES OR THE WIRES AND EIGHT INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.

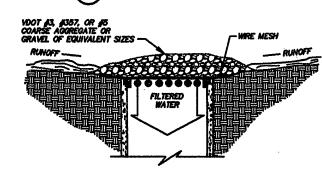
IF A SILT FENCE IS TO BE CONSTRUCTED ACROSS A DITCH LINE OR SWELL, THE FENCE MUST BE OF SUFFICIENT LENGTH TO ELIMINATE END FLOW, AND THE PLAN CONFIGURATION SHALL BE USED FOR THIS APPLICATION WITH A MAXIMUM J FOOT SPACING ON POSTS, ALL OTHER INSTALLATION RECURREMENTS NOTED IN 180 APPLY.

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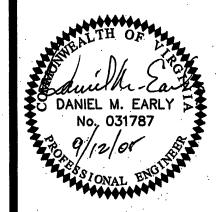
4. SEDMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.

5. ANY SEDMENT DEPOSITS FOMANING REMANING IN PLACE AFTER THE SILT FENCE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.



EROSION SEDIMENT CONTROL MINIMUM STANDARDS MEASURE APPLIED FOR EACH MINIMUM STANDARD MINIMUM STANDARDS PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE HAS BEEN PERMANENT AND TEMPORARY SEEDING HAS BEEN SPECIFIED FOR ALL DENUDED REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION AREAS ALONG WITH APPLICABLE MULCH, LIME AND FERTILIZATION. SHALL BE APPLIED WITHIN SEVEN (7) DAYS TO DENUDED AREAS THAT MAY BE AT FINAL GRADE BUT WILL REMAIN DORMANT (UNDISTURBED) FOR LONGER FOR THE PARKING ARE CONSTRUCTION ROAD STABILIZATION HAS BEEN SPECIFIED THAN THIRTY (30) DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE (1) YEAR. DURING CONSTRUCTION OF THE PROJECT, SOIL STOCKPILES SHALL BE THERE ARE NO SOIL STOCKPILES PROPOSED, IF SOIL IS TO BE STORED ON SITE STABILIZED OR PROTECTED WITH SEDIMENT TRAPPING MEASURES. THE IS SHALL HAVE SILT FENCE INSTALLED AROUND THE DOWN HILL SIDE OF THE PILE CONTRACTOR IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND TO INSURE PROTECTION FROM SEDIMENT LADEN RUN-OFF FROM LEAVING THE SITE PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE. A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED. PERMANENT VEGETATION PERMANENT AND TEMPORARY SEEDING HAS BEEN SPECIFIED FOR ALL DENUDED SHALL NOT BE CONSIDERED ESTABLISHED UNTIL A GROUND COVER IS AREAS ALONG WITH APPLICABLE MULCH, LIME AND FERTILIZATION. ACHIEVED THAT, IN THE OPINION OF THE LOCAL PROGRAM ADMINISTRATOR OR AGENT, IS UNIFORM, MATURE ENOUGH TO SURVIVE AND WILL INHIBIT EROSION. SEDIMENT BASINS AND TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS AND SILT FENCE IS PROPOSED TO TRAP SEDIMENT FOR THIS SITE DUE TO IT'S OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS SMALL SIZE. A FIRST STEP IN THE LAND DISTURBING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UPSLOPE LAND DISTURBANCES OCCURS. STABILIZATION MEASURES SHALL BE APPLIED TO EARTHEN STRUCTURES SUCH NOT APPLICABLE AS DAMS. DIKES. AND DIVERSIONS IMMEDIATELY AFTER INSTALLATION. CUT AND FILL SLOPES SHALL BE CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION. SLOPES THAT ARE FOUND TO BE ERODING EXCESSIVELY NOT APPLICABLE WITHIN ONE (1) YEAR OF PERMANENT STABILIZATION SHALL BE PROVIDED WITH ADDITIONAL SLOPE STABILIZING MEASURES UNTIL THE PROBLEM IS CORRECTED. CONCENTRATED RUNOFF SHALL NOT FLOW DOWN CUT OR FILL SLOPES UNLESS NOT APPLICABLE CONTAINED WITHIN AN ADEQUATE TEMPORARY OR PERMANENT CHANNEL, FLUME OR SLOPE DRAIN STRUCTURE. WHENEVER WATER SEEPS FROM A SLOPE FACE, ADEQUATE DRAINAGE OR NOT APPLICABLE OTHER PROTECTION SHALL BE PROVIDED. ALL STORM SEWER INLETS THAT ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT ENTER THE NOT APPLICABLE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT. BEFORE NEWLY CONSTRUCTED STORMWATER CONVEYANCE CHANNELS ARE MADE OPERATIONAL. ADEQUATE OUTLET PROTECTION AND ANY REQUIRED NOT APPLICABLE TEMPORARY OR PERMANENT CHANNEL LINING SHALL BE INSTALLED IN BOTH THE CONVEYANCE CHANNEL AND RECEIVING CHANNEL. WHEN WORK IN A LIVE WATERCOURSE IS PERFORMED, PRECAUTIONS SHALL BE TAKEN TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING NOT APPLICABLE CONSTRUCTION. NONERODIBLE MATERIAL SHALL BE USED FOR THE CONSTRUCTION OF CAUSEWAYS AND COFFERDAMS. EARTHEN FILL MAY BE USED FOR THESE STRUCTURES IF ARMORED BY NONERODIBLE COVER MATERIALS. WHEN A LIVE WATERCOURSE MUST BE CROSSED BY CONSTRUCTION VEHICLES MORE THAN TWICE IN ANY SIX-MONTH PERIOD, A TEMPORARY STREAM CROSSING CONSTRUCTED OF NONERODIBLE MATERIAL SHALL BE PROVIDED. ALL NOT APPLICABLE APPLICABLE FEDERAL. STATE AND LOCAL REGULATIONS PERTAINING TO WORKING IN OR CROSSING LIVE WATERCOURSES SHALL BE MET. THE BED AND BANKS OF ANY WATERCOURSE SHALL BE STABILIZED IMMEDIATELY NOT APPLICABLE AFTER WORK IN THE WATERCOURSE IS COMPLETED. UNDERGROUND UTILITY LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS IN ADDITION TO OTHER APPLICABLE CRITERIA: A. NO MORE THAN 500 LINEAR FEET OF TRENCH MAY BE OPENED AT ONE B. EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF NOT APPLICABLE TRENCHES. C. EFFLUENT FROM DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THRU AN APPROVED SEDIMENT TRAPPING DEVICE, OR BOTH, AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY AFFECT FLOWING STREAMS OR OFF-SITE PROPERTY. D. RESTABILIZATION SHALL BE ACCOMPLISHED IN WITH THESE REGULATIONS. E. APPLICABLE SAFETY REGULATIONS SHALL BE COMPLIED WITH. WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC A CONSTRUCTION ENTRANCE HAS BEEN PROPOSED AT THE EXISTING ENTRANCE. ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF FOR THE PARKING ARE CONSTRUCTION ROAD STABILIZATION HAS BEEN SPECIFIED 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 THE 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. ALL EROSION AND SEDIMENT CONTROL STRUCTURES AND SYSTEMS SHALL BE MAINTENANCE FOR EACH EROSION CONTROL MEASURE IS SPECIFIED IN THE DETAIL MAINTAINED, INSPECTED AND REPAIRED AS NEEDED TO INSURE CONTINUED SHOWN ON SHEETS C1.5 AND C1.6. PERFORMANCE OF THEIR INTENDED FUNCTION. AN INSPECTION SHALL BE MADE AT LEAST ONCE IN EVERY TWO-WEEK PERIOD AND WITHIN 48 HOURS FOLLOWING ANY RUNOFF PRODUCING STORM EVENT. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVAL FOR TEMPORARY EROSION CONTROL MEASURE IS SPECIFIED IN THE DETAIL REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION OR SHOWN ON SHEETS C1.5 AND C1.6, OR WHEN THE COUNTY DEEMS THE SITE FULLY AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, UNLESS STABILIZED. 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.



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