

WHEN WIRE SUPPORT IS USED, STANDARD STRENGTH FILTER CLOTH MAY BE USED AND POSTS SHALL BE SPACED 10 FEET ON CENTER MAXIMUM.

WHEN WIRE SUPPORT IS NOT USED, EXTRA STRENGTH FILTER CLOTH SHALL BE USED AND POSTS SHALL BE SPACED 6 FEET ON CENTER MAXUMUM.

3. SOURCE: ARLINGTON COUNTY DES CONSTRUCTION STANDARDS & SPECIFICATIONS.

MAINTENANCE;

PERSPECTIVE/SECTION

NOTES:

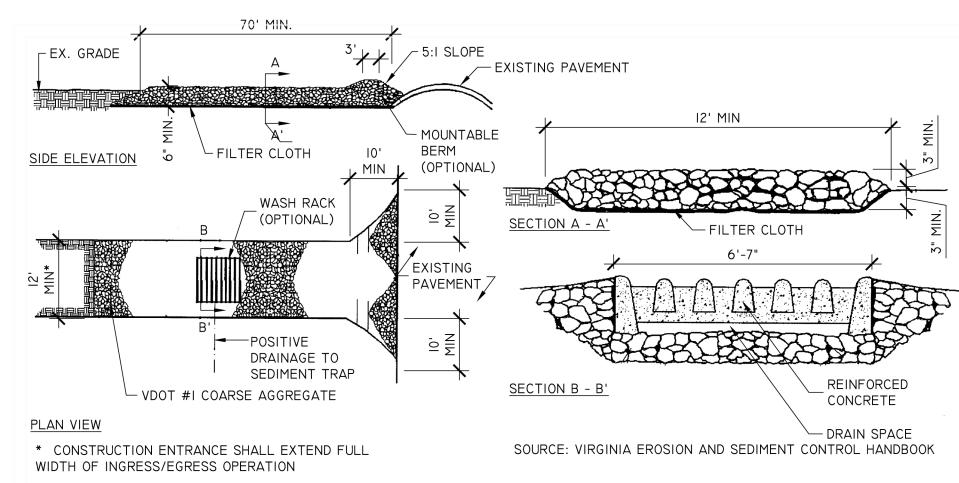
I. SILT FENCE SHALL BE INSPECTED IMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE

2. DECOMPOSED OR INEFFECTIVE SILT FENCE SHALL BE REPLACED PROMPTLY.

REMOVE SEDIMENT DEPOSITS AFTER EACH STORM EVENT AND/OR WHEN THEY REACH ONE-HALF OF THE BARRIER HEIGHT. 02370.1

NOT TO SCALE

- CONCRETE BLOCK WIRE SCREEN -**MAINTENANCE**; GRAVEL FILTER: \_\_\_\_ VDOT 208 GRADATION . THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN #3, #357, OR #5 COARSE AGGREGATE AND REPAIRS MADE AS NEEDED. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGIONAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE HALF PERSPECTIVE VIEW THE DESIGN DEPTH. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN - CONCRETE BLOCK SUCH A MANNER THAT WILL - FILTERED WATER NOT ERODE OVERFLOW 3. STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE REMAINING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED. WIRE SCREEN 2"X4" WOOD STUD — SOURCE: VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK CURB INLET PROTECTION



NOT TO SCALE

I. ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY. THE USE OF WATER TRUCKS TO REMOVE MATERIALS DROPPED, WASHED, OR TRACKED ONTO ROADWAYS WILL NOT BE PERMITTED UNDER ANY CIRCUMSTANCES.





DEPARTIMENT OF PARKS RECREANTON AND CULTREARE RESIDENCES

Park Development Division 2100 Clarendon Boulevard, Suite 414 Arlington, VA 22201 Phone: 703.228.3323

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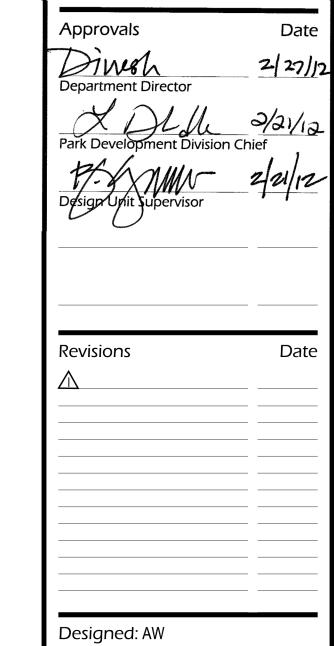
Project Name and Location

Ft Myer Heights Playground Reconstruction

1400 N. Fort Myer Drive Arlington, VA

Sheet Title

Erosion & Sediment Control Plan



Drawn: AW

Checked: BG

Filename: E & SC.dwg

Scale: AS\_SHOWN

Date: DATE

Plotted: May 09, 2012

ARLINGTON COUNTY, VIRGINIA DEPARTMENT OF ENVIRONMENTAL SERVICES FT MYER HEIGHTS PLAYGROUND RECONSTRUCTION EROSION & SEDIMENT CONTROL PLAN ARLINGTON COUNTY PROJECT / BY-RIGHT DESIGNED: ---CHECKED: -APPROVED DATE: APPROVED DATE:

SCALE: AS SHOWN SUBMITTED DATE: CHIEF TRANSP. PLANNING BUREAU CHIEF TRANSP. ENGINEERING BUREAU APPROVED DATE: APPROVED DATE: APPROVED DATE: CHIEF WATER, SEWER, & STR. BUREAU CHIEF ENGINEERING BUREAU DIRECTOR OF ENV. SERVICES CONTRACT H-SHEET L7.1 SHEET 7A OF 14



# **Dewatering Operations**

Description: A gravity bag filter, also referred to as a dewatering bag, is a square or rectangular bag made of non-woven geotextile fabric that collects gravel, sand, silt and fines.

## Appropriate Applications:

• Effective for the removal of sediments (gravel, sand, silt and fines). Some metals are removed with the sediment.

## Implementation:

- Water is pumped into one side of the bag and seeps through the top, bottom and sides of the bag.
- Place filter bag on pavement or a gravel bed or paved surface. Avoid placing a dewatering bag on unprotected bare soil. If placing the bag on bare soil is unavoidable, a secondary barrier should be used, such as a rock filter bed placed beneath and beyond the edges of the bag to prevent erosion and capture sediments that escape the bag.
- Perimeter control around the downstream end of the bag should be implemented. Secondary sediment controls are important especially in the initial stages of discharge, which tend to allow fines to pass through the

## Maintenance:

 Inspection of the flow conditions, bag condition, bag capacity and the secondary barrier (as applicable) is required.

- Replace the bag when it no longer filters sediment or passes water at a
- Caution should be taken when removing and disposing of the bag to prevent the release of captured sediment.
- Properly dispose of the bag offsite. If sediment is removed from the bag prior to disposal (bags can potentially be reused depending upon their condition), dispose of sediment in accordance with the general maintenance procedures.



NOT TO SCALE

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