**CONSTRUCTION SPECIFICATIONS**

1. Use nominal 2 inch x 4 inch lumber.

2. Use nonwoven geotextile as specified in Section 4-1 materials.

3. Nail the 2x4 mer to 9 inch long vertical spacers (maximum 6 feet apart).

4. Attach a continuous piece of 4 inch galvanized hardware cloth, with a minimum width of 20 inches and a maximum length of 4 feet longer than the throat opening, to the 2x4 mer, extending it 2 feet beyond throat on each side.

5. Place a continuous piece of nonwoven geotextile of the same dimensions as the hardware cloth over the hardware cloth and securely attach to the 2x4 mer.

6. Place the assembly against the inlet throat and nail to 2x4 anchors (minimum 2 feet length). Extend the anchors across the inlet top and hold in place by sandbags or other approved anchoring method.

7. Install end spacers a minimum of 1 foot beyond the ends of the throat opening.

8. Form the hardware cloth and the geotextile to the concrete gutter and tie a curb to span the inlet opening. Cover the hardware cloth and geotextile with clean ¾ to 1½ inch stone or equivalent recycled concrete.

9. At non-sump locations, install a temporary sandbag or asphalt berm to prevent inlet bypass.

10. Storm drain inlet protection requires frequent maintenance. Remove accumulated sediment after each rain event to maintain function and avoid premature closing. If inlet protection does not completely drain within 24 hours after a storm event, it is closed. When this occurs, remove accumulated sediment and clean or replace geotextile and stone.

**MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL**

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE 2011

MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

**CONSTRUCTION SPECIFICATIONS**

1. Use nominal 2 inch X 4 inch lumber.

2. Use woven slit film geotextile, as specified in Section H-1 materials.

3. Promote manufacturer certification to the authorized representative of the inspector/enforcement authority showing that the geotextile used meets the requirements in Section H-1 materials.

4. Space upright supports no more than 10 feet apart.

5. Promote a two foot opening between every set of supports and place stone in the opening over geotextile.


7. Where two sections of geotextile adjoin: overlap, fold, and staple to post in accordance with this detail, attache latte.

8. Promote a mast seal between pavement, geotextile, and 2x4 to prevent sediment-laden water from escaping beneath slit fence installation.

9. Secure boards to pavement with 4d0 5 inch minimum length nails.

10. Remove accumulated sediment and debris when bulges develop in slit fence or when sediment reaches 25% of fence height. Replace geotextile if torn. Maintain water tight ocl. ALIGN OUTLIN. REPLACE STONE IF DADOSED.

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**Sediment Control Concept Plan**

**ZOM Bethesda - Arlington Road**

**Bethesda, Maryland**

**Detail Sheet**