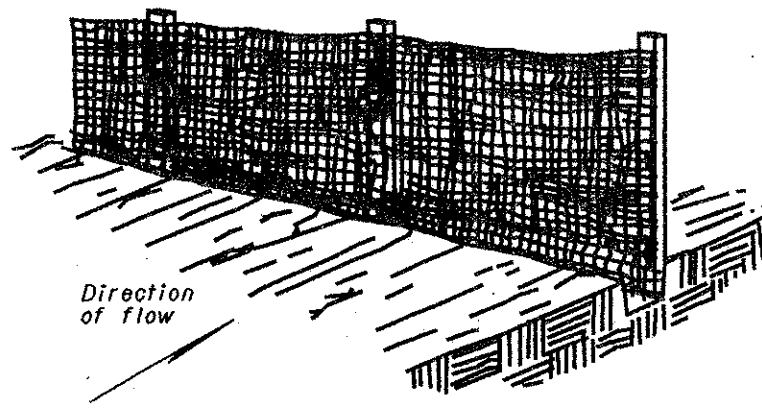


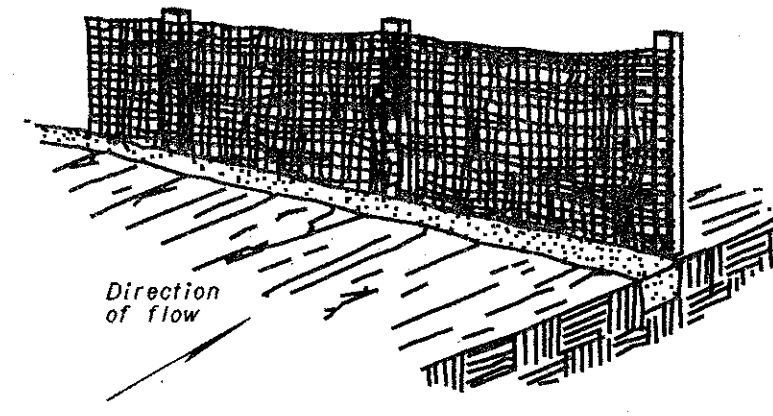
Excavate a 150 mm by 150 mm trench along the proposed fence line.

STEP 1



Place fabric and support stakes and extend fabric into the trench.

STEP 2



Backfill and compact the excavated soil.

STEP 3

### CONSTRUCTION OF A FILTER BARRIER

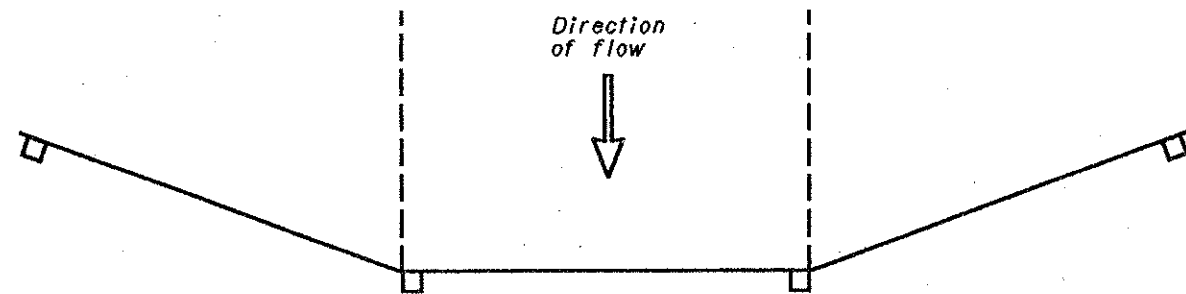
### NOTES

**MATERIALS:** Filter fabric shall meet the requirements of CMS 207.02.

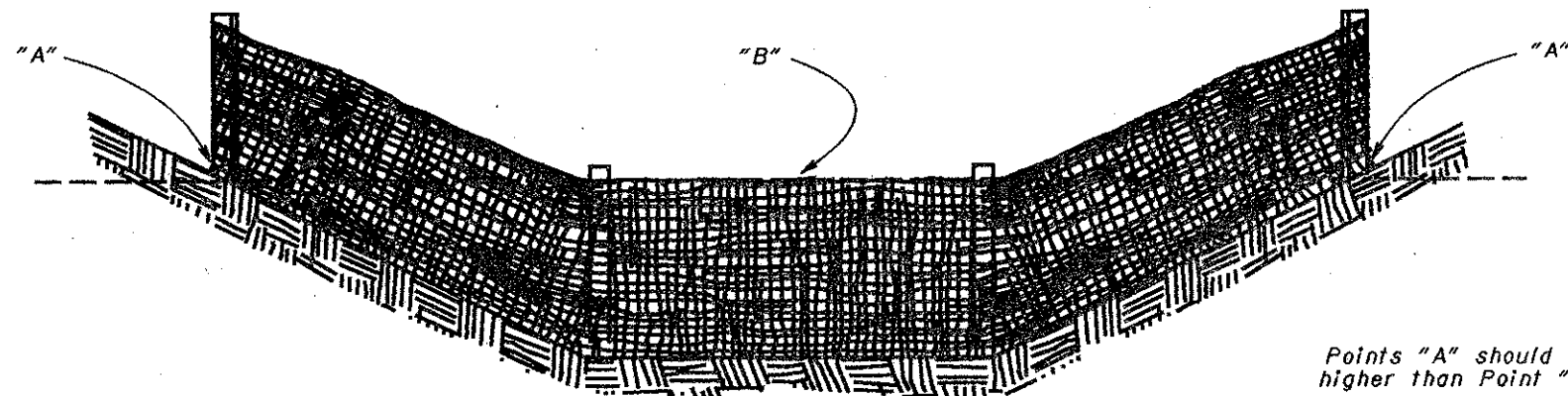
**CONSTRUCTION:** The bottom of the fabric shall be buried 150 mm below the ground. The fabric shall be high enough to retain sediment-laden water and adequately supported to prevent collapse or bursting. The ground elevation of the fence shall be held constant except that the end elevations shall be raised to prevent flow around the end of the fence.

**MAINTENANCE:** The filter fabric fence shall be maintained to be functional, at the direction of the Engineer. This shall include removal of trapped sediment and required cleaning, repair, and/or replacement of the filter fabric. Sediment shall be removed when its depth reaches half the height of the lowest section of fence.

**PAYMENT:** The cost of all materials, construction, maintenance and removal shall be paid for under Item 207, Meter, Filter Fabric Fence.



PLAN VIEW



Points "A" should be higher than Point "B"

ELEVATION VIEW

### PROPER PLACEMENT OF A FILTER BARRIER IN A DRAINAGE WAY



BUREAU OF LOCATION AND DESIGN  
OHIO DEPARTMENT OF TRANSPORTATION

**TEMPORARY  
EROSION  
CONTROL**

DATE  
6-30-95

STANDARD CONSTRUCTION DRAWING **DM-4.4M**

APPROVED *W. K. Hulman*  
ENGR., L & D