



DETAIL NOTES

1. Drop Inlet Sediment Barriers are to be used for Small, Nearly Level Drainage Areas. (Less Than 5%)
2. Use 2"x4" (100x50mm) Wood or Equivalent Metal Stakes, 3' (1m) Minimum Length.
3. Install 2"x4" (100x50mm) Wood Top Frame to Ensure Stability.
4. The Top of the Frame (Ponding Height) must be well Below the Ground Elevation Downslope to Prevent Runoff from bypassing the Inlet. A Temporary Dike may be Necessary on the Downslope Side of the Structure.
5. Wire mesh backing shall be of sufficient strength to support the geotextile fabric with runoff fully impounding against the structure.
6. The geotextile shall have an equivalent opening size of 20-40 sieve and be resistant to sunlight.
7. Backfill shall placed around the inlet and compacted to ensure that runoff will not undercut the fabric.

MAINTENANCE:

The filter fabric shall be cleaned with a stiff broom. Assure that the filter fabric and geotextile is securely fastened to the frame of the structure. Backfill around the structure shall be compacted as needed to assure that runoff is not undercutting the structure.

Approved By:

 City Engineer, EMH&T Inc

 City Service Director

STANDARD DIMENSIONS
 FOR
**FILTER FABRIC
 INLET PROTECTION**

**CITY OF
 GROVE CITY, OHIO**

STANDARD
 CONSTRUCTION DRAWING

Revised		Drawing No.
February 2016		C-GC-70A