



Inspections Plus Inc. Erosion Control Plan Standard Details

Project: Commercial & Apartment Building Phase 2

Curb Storm Inlet Protection with Wattles



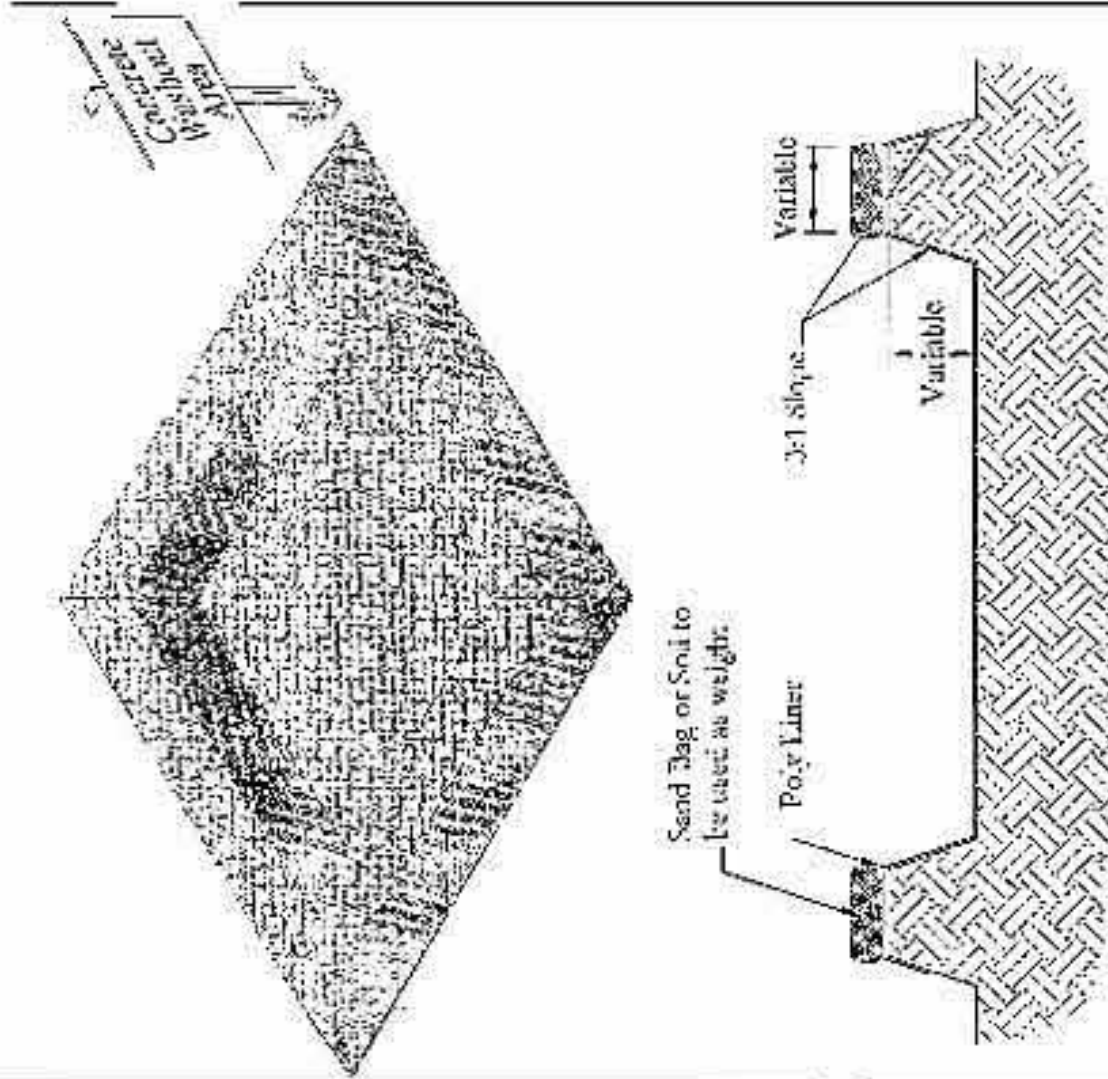
Inlet Filter Installation Instructions:

1. Remove sediment, debris, ice and snow from the inlet grate surface and surrounding area.
2. Verify fit by placing filter over inlet grate to ensure that Inlet Filter extends at least one inch beyond the front and both curb ends. The overlap slows water flow and starts filtering sediment and debris before water drops into the inlet.
3. Position the mat. Place Inlet Filter on grate with the net side down, flush to the back edge and extending beyond the grate opening on the front and both sides. The zip ties attach Inlet Filter to the inlet grate cover WITHOUT LIFTING THE GRATE COVER.
4. The filter material covering the inlet can be any material that will prevent the sediment and other foreign matter from entering the storm drain system.



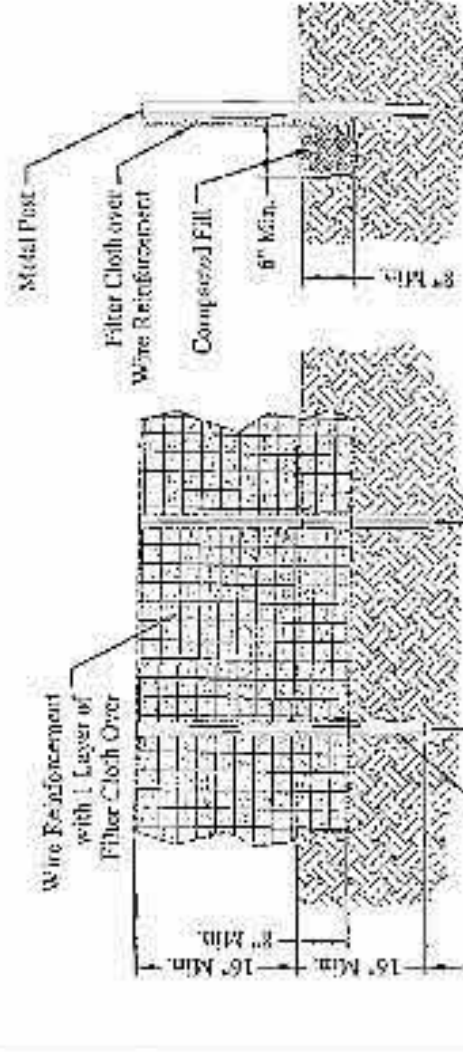
flow and starts filtering sediment and debris before water drops into the inlet.

Concrete Washout Area For use in High Water Table Areas



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Reinforced Silt Fence



Definition

A temporary barrier of Geotextile Cloth 17" over with reinforcement used in intercept sediment before runoff from small drainage areas.

Purpose

The purpose of silt fence is to reduce runoff water velocity and allow the deposition of suspended sediment to occur. It is not intended to prevent erosion or to prevent the flow of water. Silt fence provides a barrier that can collect and hold debris and soil, preventing the material from entering critical areas, queues, roads, etc.

1. Silt fence can be used where the installation of a check dam, check dam, etc.
2. Silt fence can be used where the installation of a check dam, check dam, etc.

Conditions Where the Practice Applies

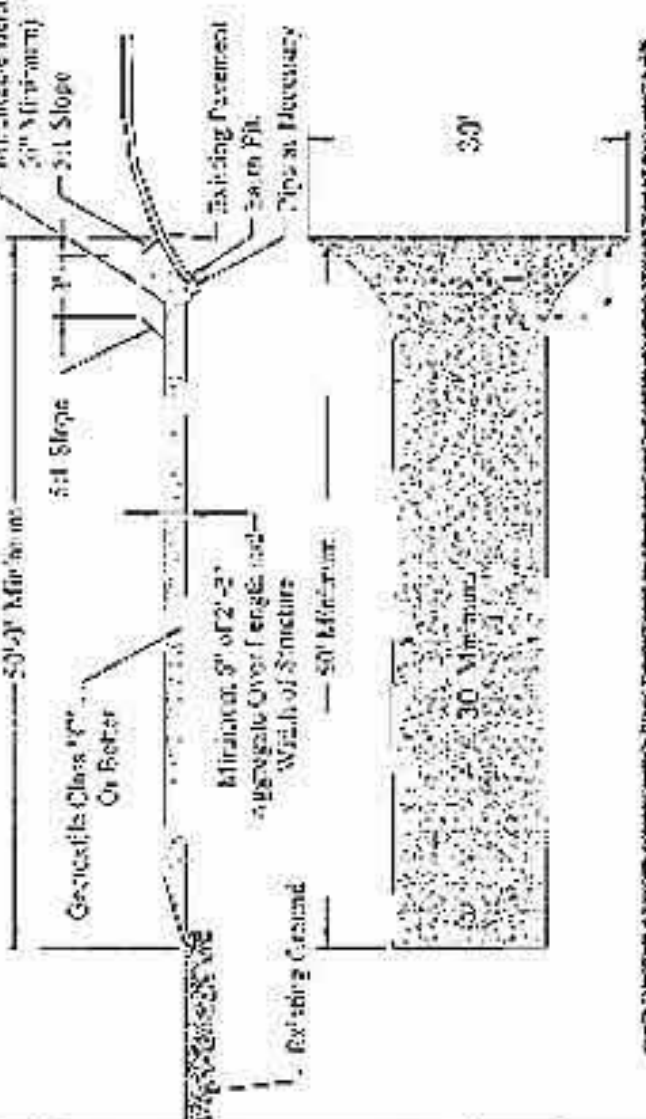
Silt Fence is located in low-lying areas where runoff from small drainage areas is intercepted. It provides filtering and velocity dissipation to promote gradual settling of sediment.

Design Criteria

Steel posts must be used. Silt fence should be placed as close to the roadway as possible. No portion of silt fence should exceed a grade of 2 percent from a distance more than 25 feet. Where ends of the geotextile fabric come together, the ends shall be overlapped, folded, and stapled to prevent sediment bypass. The design of the flow contributing to silt fence shall conform to the following limitations:

Run (ft)	Slope Slopes	Slope Length (ft)	Run (ft)
0-25	0-2%	Unlimited	Unlimited
25-50	0-2%	200	1,000
50-75	0-2%	100	500
75-100	0-2%	100	500
100-150	0-2%	50	250

Stabilized Construction Entrance



Definition

A stabilized entrance is a gravelly area 10' x 10' min. that is used to filter sediment from runoff before it enters a construction site. Silt fence and a window are located at any point where traffic enters a construction site.

Purpose

The purpose of the stabilized construction entrance is to filter sediment from runoff before it enters a construction site. Silt fence and a window are located at any point where traffic enters a construction site.

Conditions Where the Practice Applies

1. Stabilized construction entrances shall be located at all points of construction ingress and egress.
2. The silt fence shall be located at the entrance to the construction site.
3. The silt fence shall be located at the entrance to the construction site.

Design Criteria

1. Length - Minimum of 50' x 10'.
2. Width - Minimum of 10' x 10'.
3. Gravelly Area - The gravelly area shall be placed over the existing ground pattern (existing gravel). The gravelly area shall be placed over the existing ground pattern (existing gravel). The gravelly area shall be placed over the existing ground pattern (existing gravel).
4. Silt Fence - The silt fence shall be placed over the gravelly area. The silt fence shall be placed over the gravelly area. The silt fence shall be placed over the gravelly area.
5. Surface Water - All the surface water flowing to or from the stabilized construction entrance shall be filtered under the entrance to maintain positive drainage. The pipe shall be placed over the entrance to the stabilized construction entrance. The pipe shall be placed over the entrance to the stabilized construction entrance.
6. Location - The stabilized construction entrance shall be located at the entrance to the construction site. The stabilized construction entrance shall be located at the entrance to the construction site.

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