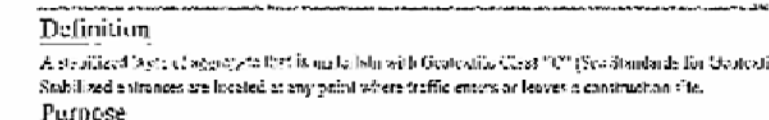




### Engineer Stamp



### Stabilized Construction Entrance



The course covers

The purpose of the stabilized construction entrance is to reduce tracking of sediment to streets or public right-of-ways and provide a stable area for entrance and exit from the construction site.

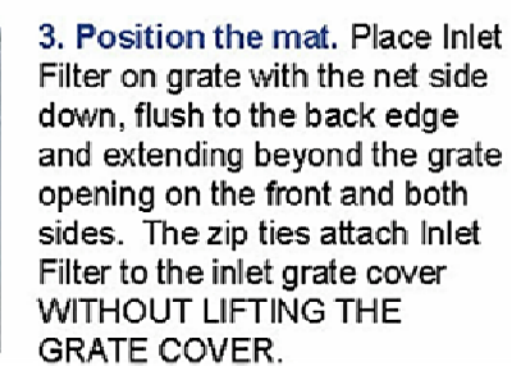
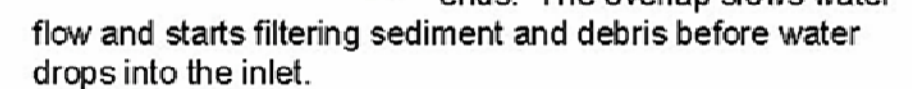
**Conditions where the Practice Applies**

1. Stabilized construction entrances shall be located at points of construction ingress and egress.
2. For single-family residential, the entrance should be located at the permanent driveway.
3. Stabilized construction entrances should not be installed on existing pavement.

### Design Criteria

- [illegible]

### Inlet Filter Installation Instructions:



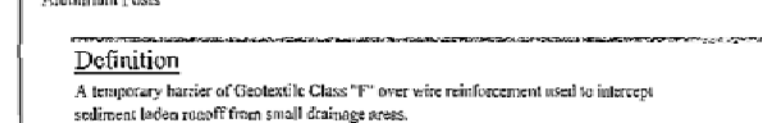
4. The filter material covering the inlet can be any material that will prevent the sediment and other foreign matter from entering the storm drain system.

### Concrete Washout Area

For use in High Water Table Areas



## Reinforced Silt Fence



### Purpose

The purpose of silt fence is to reduce runoff where velocity and allow the deposition of transported sediment to occur. Limits imposed by ultraviolet light on the stability of the fabric will dictate the maximum period that the silt fence may be used.

1. Silt fence provides a barrier that can collect and hold debris and soil, preventing the material from entering critical areas, streams, streets, etc.

2. Silt fence can be used where the installation of a dike would destroy sensitive areas; woods, wetlands, etc.
- Conditions where the Practice Applies**
- Silt Fence is limited to intercepting short flow runoff from limited distances, according to slope. It provides filtering and velocity dissipation to promote gravity settling of sediment.
- Design Criteria**
- Steel posts must be used. Silt fence should be placed as close to the contour as possible. No section of silt fence should exceed a grade of 5 percent for a distance more than 50 feet. Where ends of the portable fabric come together, the ends shall be overlapped, folded, and secured by present anchoring system. The length of the flow contributing to silt fence shall conform to the following limitations:

Slope (%)	Slope Strepairs	Slope Length (ft.) (Maximum)	Min. Fence Length (ft.) (Minimum)
0-10	0-10:1	Unlimited	Unlimited
10-20	10:1-3:2	200	1,500
20-23	2:1-2:1	100	1,000
23-50	2:1-2:1	100	500
50+	2:1	50	none

## Erosion Control Notes

1. All perimeter erosion control measures shall be installed prior to the execution of any grading work and maintained by the grading contractor for the duration of the grading project. Failure to install and maintain erosion control is a violation of State Law and subject to fine.
2. The appropriate erosion control device(s) shall be installed prior to the inception of any land disturbing activity and shall be properly maintained for construction activities.
3. All Erosion Control devices and their installation shall meet the standards prescribed in the current guidelines for storm water management for construction activities.
4. Sediment collected behind the sediment filters and silt fences shall be removed when sediment reaches one third the height of the barrier.
5. Sediment filters and silt fences shall be inspected and maintained no less than weekly or within 24 hours of a rainfall event of 0.5 inches or more. Maintenance shall include but not be limited to sediment removal, barrier repair and /or replacement.
6. Construction Site Entrance: The contractor shall construct as a minimum one stabilized construction entrance at the location shown on the plans. If additional ingress and egress to the construction site is required, the contractor shall coordinate with the construction manager the location of these additional stabilized construction entrances. Usage of non-stabilized for ingress and egress will not be permitted. The stabilized entrances shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right-of-way and paved driving lanes. This may require periodic top dressing with additional stone as conditions warrant. Repair of the entrances or cleaning of the right-of-way and paved driving lanes that have been soiled shall be performed by the contractor at his own expense satisfactory to the construction manager. When necessary, vehicle wheels and tires shall be cleaned to remove sediment prior to entering onto public right-of-way and public streets. When washing is required, it shall be done on an area stabilized with crushed stone.
7. The contractor shall at his own expense, periodically water the site to control dust.
8. Sedimentation and erosion control measures shall be removed following construction or upon permanent stabilization of the disturbed and graded areas, whichever occurs last.
9. All disturbed areas that are not to be paved shall be re-seeded unless noted otherwise.
10. The contractor shall keep the site clean at all times and control dust resulting from the earthwork operation. The contractor shall not track mud onto the public streets.

**Project:**  
**Cool Springz**  
**Trampoline Park**