SILT FENCE-1

SILT FENCE DESIGN CRITERIA:
- SLOPE STEEPNESS
- SLOPE LENGTH (MAXIMUM) (FEET)
- SILT FENCE LENGTH (MAXIMUM) (FEET)

TABLE 3.1: SILT FENCE SLOPE LENGTH AND FENCE LENGTH CONSTRAINTS

SILT FENCE-2

STABILIZED CONSTRUCTION

ENTRY

TREE PROTECTION

SILT FENCE ON PAVEMENT

STRAW BALE DIKE

STORM DRAIN INLET PROTECTION

CURB INLET PROTECTION

JOINING TWO ADJACENT SILT FENCE SECTIONS

JOINING ADJACENT SECTIONS OF GEOTEXTILE

SILT FENCE ON PAVEMENT

STRAW BALE DIKE

TREE PROTECTION

STORM DRAIN INLET PROTECTION

CURB INLET PROTECTION
Notes for Building Demolition, Razing, and Site Development

1. DC-licensed PE, will convey runoff down cut-and-fill slopes to an DOEE approved outlet.

2. Sediment traps or basins and other erosion and sediment controls shall be installed no later than the first phase of land grading.

3. The ESC plan must demonstrate how temporary diversion dikes and flumes, or alternative controls recommended by a DC-licensed PE, will convey runoff down cut-and-fill slopes to an DOEE approved outlet.

4. The ESC plan must demonstrate how a permanent drainage structure, including diversions at top-of-slope cuts and diversions to convey runoff to a storm sewer or other suitable outlet, shall be installed at the completion of rough grading.

5. Rought graded rights-of-way awaiting installation of utilities or pavement shall be protected by the installation of interceptor diversions to convey runoff to a storm drain or other approved outlet.

Notes for Roadway Projects

1. Place excavated material for utility work on the uphill side of a trench.

2. Filter water pumped out of trench excavations prior to discharging to the storm sewer system.

3. Install interim or permanent stabilization immediately after a utility trench is refilled.

4. Immediately after debris basins, diversions, waterways, and related structures are built seed and mulch, or install sod & grass filter strips, or alternative controls recommended by a DC-licensed PE, will convey runoff down cut-and-fill slopes to an DOEE approved outlet.

5. Sediment traps or basins and other erosion and sediment controls shall be installed as soon as new site-related runoff is detected and employed at all times to protect inlets or storm sewers below silt-producing areas.

6. The contractor must provide clean water, free from salt, soil, and other deleterious material to be used for on-site dust control.

Notes for Underground Utility Work

1. Use dust control throughout the work at the site.

2. Use dust control measures that are compatible with adjacent utility work.

3. Use dust control measures that will not interfere with activities already underway on adjacent utility work.

4. The contractor shall supply adequate and appropriate dust control equipment and materials for use during the work.

Notes for Building Demolition, Razing, and Site Development

1. Contractors shall demonstrate how the erosion and sediment control plan will be implemented.

2. Contractors shall identify how the plan will be implemented.

3. Contractors shall show how the plan will be implemented.

4. Contractors shall prove how the plan will be implemented.

Notes for Roadway Projects

1. The site work shall maximize the preservation of natural vegetation and limit the removal of vegetation to what is necessary for construction or landscaping activity.

2. Measures shall be taken to achieve a non-eroding velocity for stormwater exiting from a roof or downspout or to temporarily pipe that stormwater directly to a storm drain.

3. Sediment traps or basins and other erosion and sediment controls shall be installed as soon as new site-related runoff is detected and employed at all times to protect inlets or storm sewers below silt-producing areas.

4. The contractor shall provide clean water, free from salt, soil, and other deleterious material to be used for on-site dust control.

Notes for Underground Utility Work

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Notes for Building Demolition, Razing, and Site Development

1. The contractor shall provide clean water, free from salt, soil, and other deleterious material to be used for on-site dust control.

2. The contractor shall supply adequate and appropriate dust control equipment and materials for use during the work.

3. The contractor shall collect all debris, waste, and construction debris after completion of work.

4. The contractor shall implement and maintain a coordinated debris collection and disposal program.

Notes for Roadway Projects

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