

### GUTTERBUDDY

#### Curb Gutter Storm Drains

**Gutterbuddy Curb Inlet and Ditch Pavement Filters**

**Gutterbuddy Advantages**

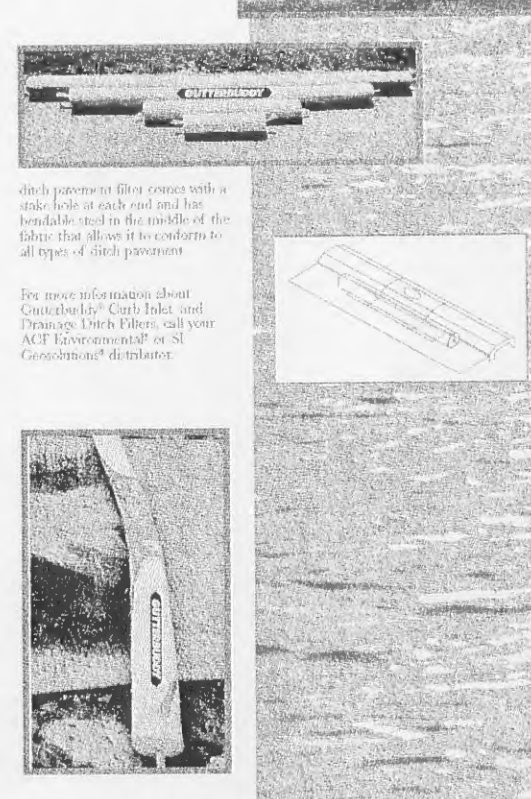
- Easy to install, handle and maintain
- Keeps your road, sidewalk and other lot area drainable
- Available in 18" and 24" widths
- Available in 12' and 18' lengths

**Gutterbuddy Curb Inlet Filter**

Prevents debris from entering your gutter system. The filter is made of a heavy-duty polypropylene mesh that allows water to flow through while blocking leaves, twigs, and other debris.

**Gutterbuddy Ditch Pavement Filter**

Prevents debris from entering your ditch or storm drain. The filter is made of a heavy-duty polypropylene mesh that allows water to flow through while blocking leaves, twigs, and other debris.



### GUTTERBUDDY Specifications

**1.1 Description**

Gutterbuddy Curb Inlet and Ditch Pavement Filters are made of a heavy-duty polypropylene mesh that allows water to flow through while blocking leaves, twigs, and other debris.

**1.2 Materials**

Gutterbuddy Curb Inlet and Ditch Pavement Filters are made of a heavy-duty polypropylene mesh.

**1.3 General**

Gutterbuddy Curb Inlet and Ditch Pavement Filters are available in 18" and 24" widths and 12' and 18' lengths.

**1.4 Installation**

Gutterbuddy Curb Inlet and Ditch Pavement Filters should be installed in accordance with the manufacturer's instructions.

**1.5 Maintenance**

Gutterbuddy Curb Inlet and Ditch Pavement Filters should be inspected and cleaned regularly.

**1.6 Construction Sequence**

Gutterbuddy Curb Inlet and Ditch Pavement Filters should be installed before the final paving.

**1.7 Notes**

For more information about Gutterbuddy Curb Inlet and Ditch Pavement Filters, contact the manufacturer.

**1.8 Contact Information**

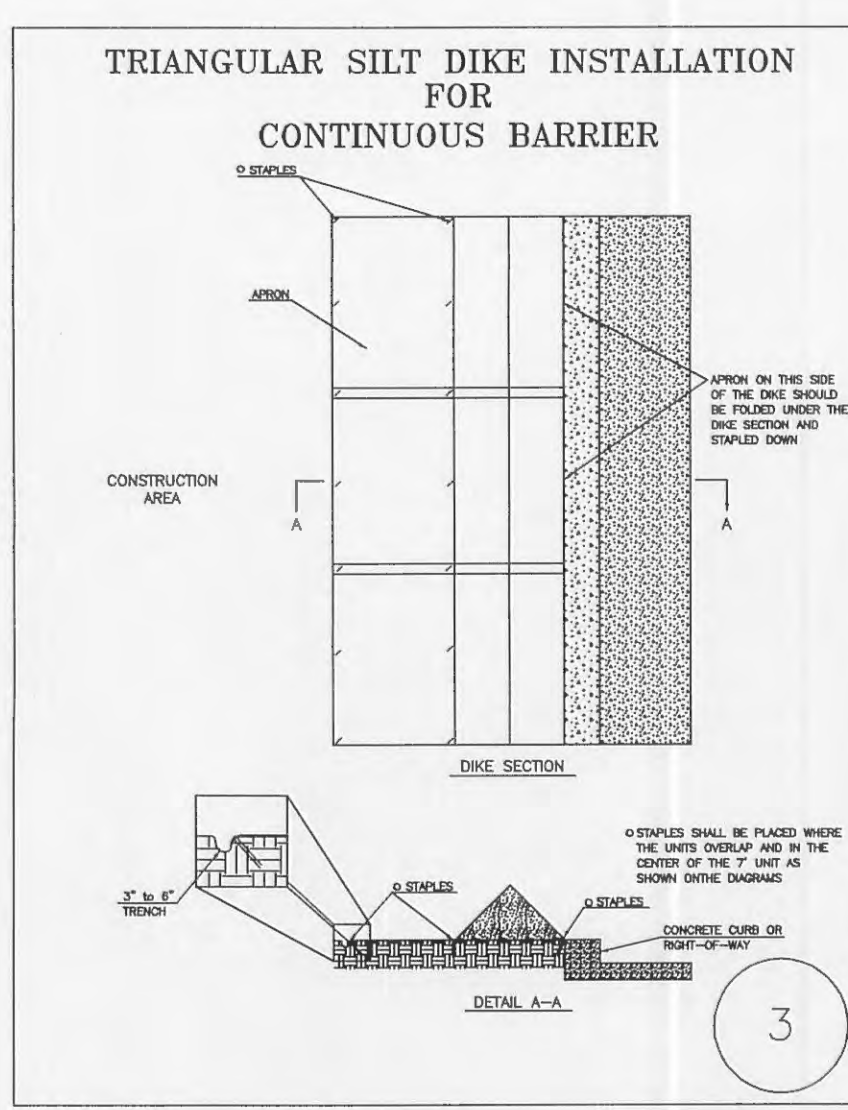
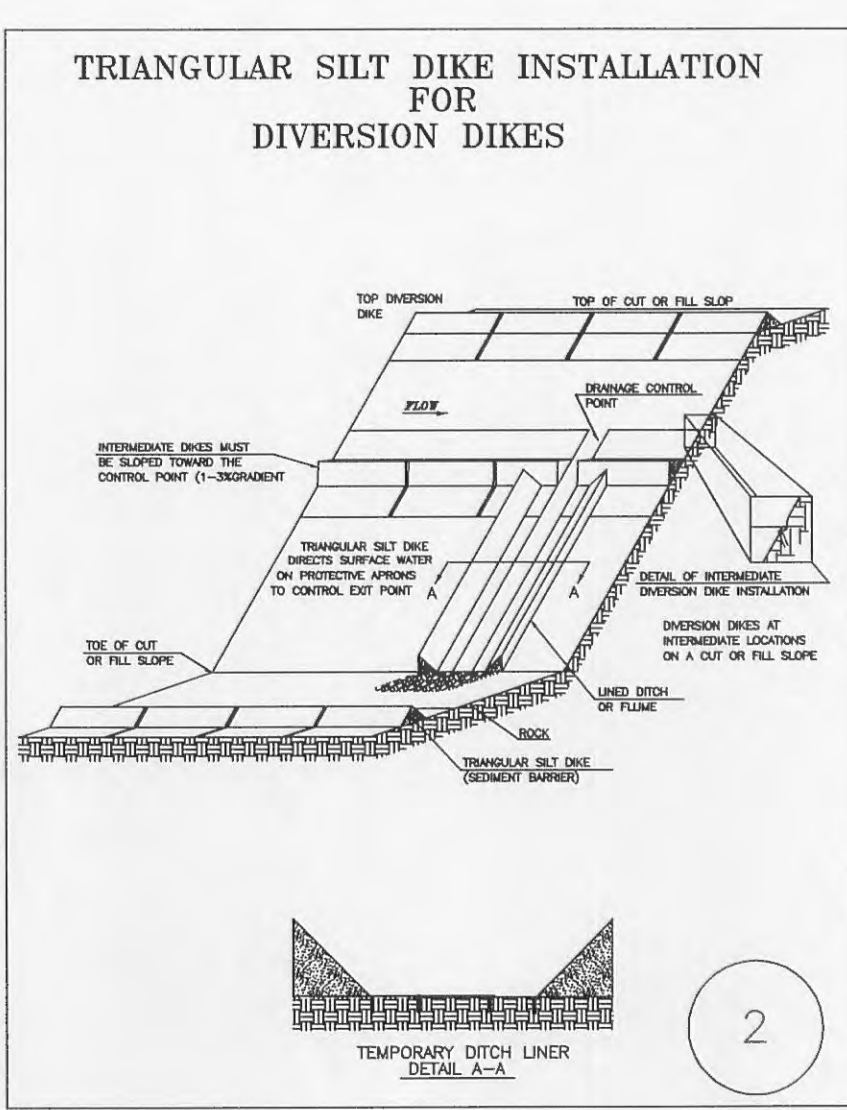
For more information about Gutterbuddy Curb Inlet and Ditch Pavement Filters, contact the manufacturer.

**1.9 Disclaimer**

The manufacturer is not responsible for any damage or injury caused by the use of Gutterbuddy Curb Inlet and Ditch Pavement Filters.

**1.10 Copyright**

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- ### SILTATION CONTROL NOTES
- Inspection of siltation control devices shall take place every seven days and within 24 hours of any 0.5"/24 hour rain event. Any siltation control in need of repair shall occur immediately.
  - Any disturbed areas which will remain unworked for 45 days or more shall be stabilized with seeding and mulching per specifications within 7 days. If seasonal conditions prohibit seeding, mulching or mowing shall be used.
  - All slopes or drainage channels, once constructed to final grade, shall be seeded and mulched per specifications within seven (7) days.
  - Straw bales shall be installed immediately around each storm sewer structure once final construction of each individual structure is complete.
  - All siltation control devices shall remain in place until upslope areas have been permanently stabilized.
- Siltation Control Schedule Implementation**
- Perimeter siltation control and construction entrances to be installed.
  - Begin placing aggregate base in parking areas once area has reached final grade to prevent erosion.
  - Place silt control around each storm sewer structure as it is completed.
  - Immediately seed areas upon reaching final grade that are to be permanently seeded.
- Temporary Access Roads and Parking Areas Specifications**
- Temporary roads shall follow the contour of the natural terrain to the extent possible. Slopes should not exceed 10 percent.
  - Grades should be sufficient to provide drainage, but should not exceed 4 percent.
  - Roadbeds shall be at least 24 feet wide.
  - All cuts and fills shall be 3:1 or flatter to the extent possible.
  - Drainage ditches shall be provided as needed.
  - The roadbed or parking surface shall be cleared of all vegetation, roots and other objectionable material.
  - A 10-inch course of 2" MINUS aggregate shall be applied immediately after grading or the completion of utility installation within the right-of-way. Filter fabric may be applied to the roadbed for additional stability in accordance with fabric manufacturer's specifications.
- Vegetation**
- All roadside ditches, cuts, fills and disturbed areas adjacent to parking areas and roads shall be stabilized with appropriate temporary or permanent vegetation according to the applicable standards and specifications.
- Maintenance**
- Silt fence barriers shall be inspected immediately after each rainfall and at least daily during prolonged rainfall.
  - Close attention shall be paid to the repair of damaged barriers, end runs and undercutting beneath barriers.
  - Necessary repairs to barriers or replacement of fences shall be accomplished promptly.
  - Sediment deposits should be removed after each rainfall. They must be removed when the level of deposition reaches approximately one-half the height of the barrier.
  - Any sediment deposits remaining in place after the straw bale barrier is no longer required shall be dressed to conform to the existing grade, prepared and seeded.

- Straw Bale Siltation Control Specifications**
- Sheet Flow Applications**
- Bales shall be placed in a single row, lengthwise on the contour, with both ends of adjacent bales tightly abutting one another.
  - All bales shall be either wire-bound or string-tied. Straw bales shall be installed so that buildings are oriented around the sides rather than along the tops and bottoms of the bales (in order to prevent deterioration of the bindings). See detail this sheet.
  - The barrier shall be entrenched and backfilled. A trench shall be excavated the width of a bale and the length of the proposed barrier to a minimum depth of 4 inches. After the bales are staked and chinked, the excavated soil shall be backfilled against the barrier. Backfill soil shall conform to the ground level on the downhill side and be built up to 4 inches against the uphill side of the barrier.
  - Each bale shall be securely anchored by at least two stakes or rebar driven through the bale. The first stake in each bale shall be driven toward the previously laid bale to force the bales together. Stakes or rebars shall be driven deep enough into the ground to securely anchor the bales.
  - The gaps between bales shall be chinked (filled by wedging) with straw to prevent water from escaping between the bales. (Loose straw scattered over the area immediately uphill from a straw bale barrier tends to increase barrier efficiency.)
  - Inspection shall be frequent and repair or replacement shall be made promptly as needed.
  - Straw bale barriers shall be removed when they have served their purpose, but not before the upslope areas have been permanently stabilized.
- Channel Flow Applications**
- Bales shall be placed in a single row, lengthwise, oriented perpendicular to the contour, with ends of adjacent bales tightly abutting one another.
  - The barrier shall be extended to such a length that the bottoms of the end bales are higher in elevation than the top of the lowest middle bale to assure that sediment-laden runoff will flow either through or over the barrier but not under it.
- Maintenance**
- Straw bale barriers shall be inspected immediately after each rainfall and at least daily during prolonged rainfall.
  - Close attention shall be paid to the repair of damaged fence, end runs and undercutting beneath fence.
  - Necessary repairs to barriers or replacement of silt fence shall be accomplished promptly.
  - Sediment deposits should be removed after each rainfall. They must be removed when the level of deposition reaches approximately one-half the height of the barrier.
  - Any sediment deposits remaining in place after the straw bale barrier is no longer required shall be dressed to conform to the existing grade, prepared and seeded.


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### SILT-SAVER, INC.

#### Storm Drain Silt Filter / Safety Guard



**SS-100A (round) and SS-200A (square) FRAME and FILTER ASSEMBLY**

**Specifications**

The patented Silt-Saver Frame is constructed of partially recycled, high molecular weight, high-density polyethylene (HDPE). The material has superior strength and rigidity combined with high impact strength and light weight.

Frames are currently available in 2 models:

- SS-100A - Round Base for the 10" O.D. pipe
- SS-200A - Square Base for the 12" O.D. pipe

Silt-Saver Frame and Filter Assembly will also accommodate drainage structures smaller than those listed with no special design required.

**Weight** 2.0 lb. / sq. ft.

**Tensile strength** 4000 psi

**Elongation** 100%

**Impact strength** 100 ft. lb.

**Puncture strength** 4800 psi

**Transmittance** 95%

**UV Resistance** 10 years

**Flame Retardant** Class 1

**Temperature Range** -40 to 120°F

**For Product Information Contact Your Local Distributor or Silt-Saver, Inc.**

1-800-333-7426

www.silt-saver.com

### Specifications

The patented Silt-Saver Filter designed to custom fit each frame and is constructed of non-woven polypropylene, needle punched and knit to provide durability. This material was chosen for its ability to provide consistent and continuous filtration under everyday job-site conditions. The unique high visibility orange filter top not only provides the visible safety but also provides a higher flow for the unobstructed silt events.

**Weight** 2.0 lb. / sq. ft.

**Tensile strength** 4000 psi

**Elongation** 100%

**Impact strength** 100 ft. lb.

**Puncture strength** 4800 psi

**Transmittance** 95%

**UV Resistance** 10 years

**Flame Retardant** Class 1

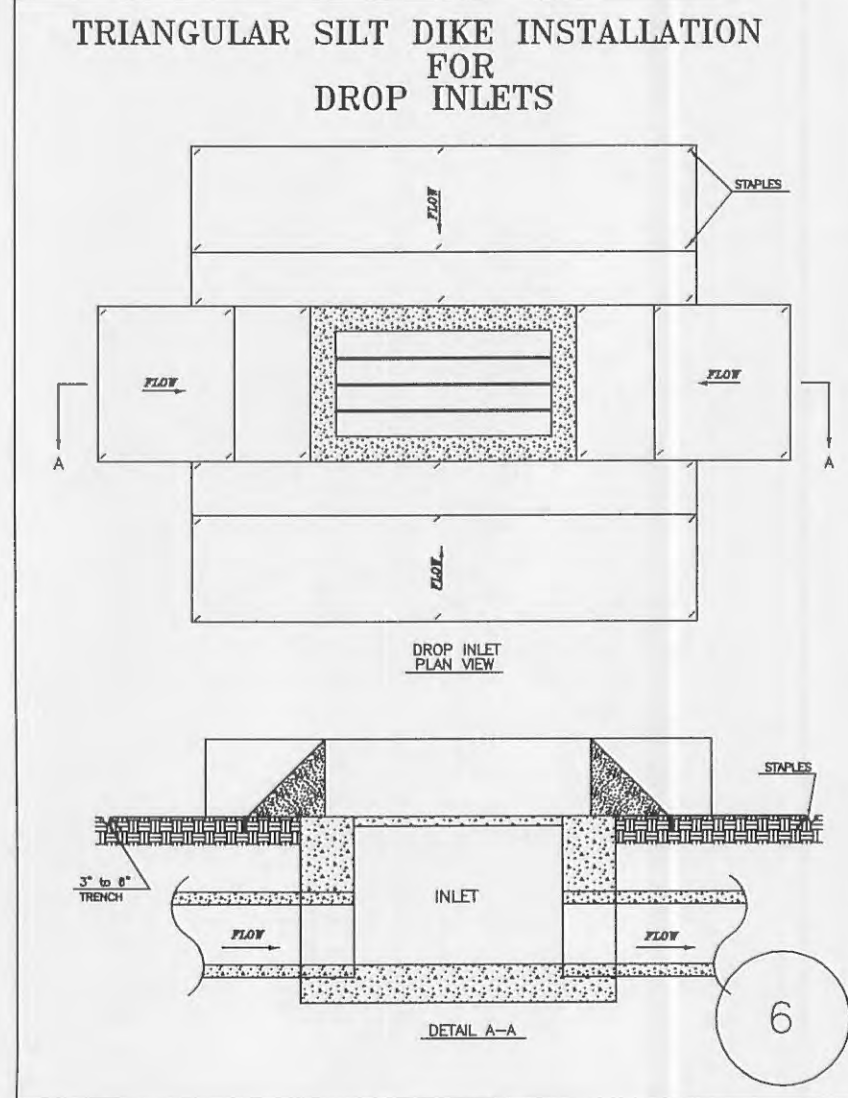
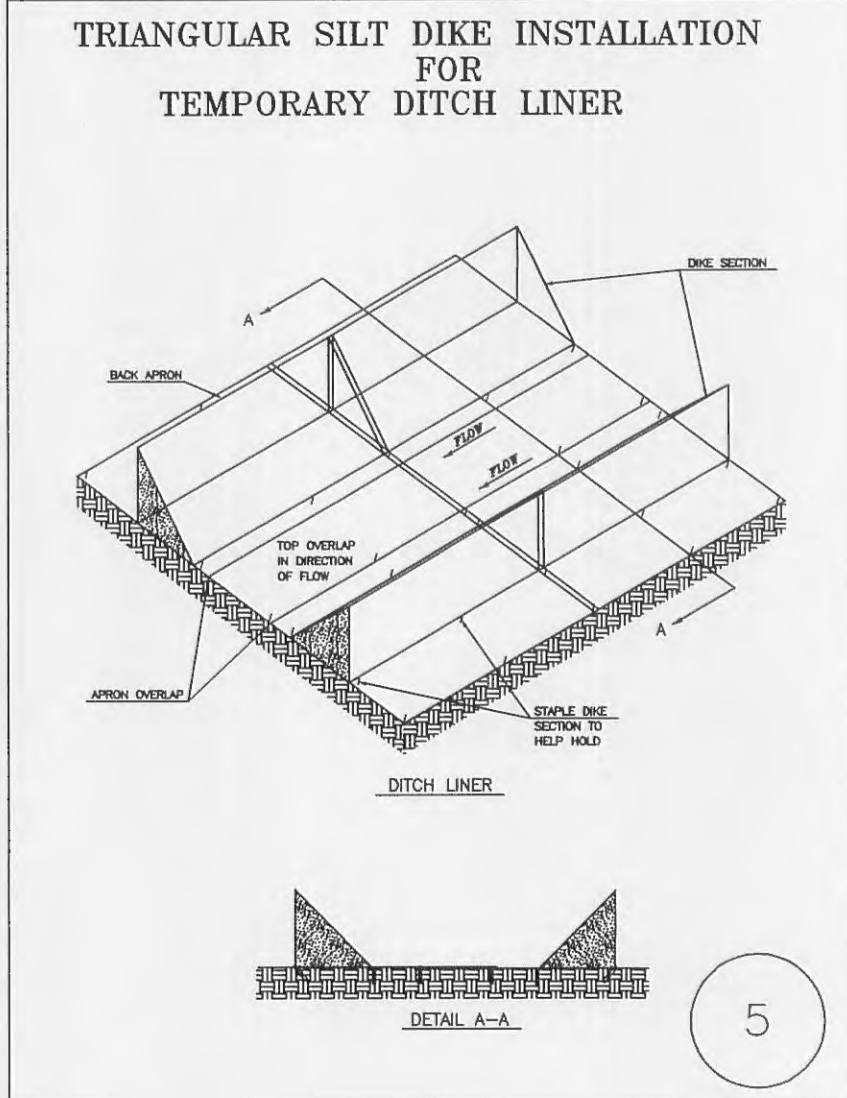
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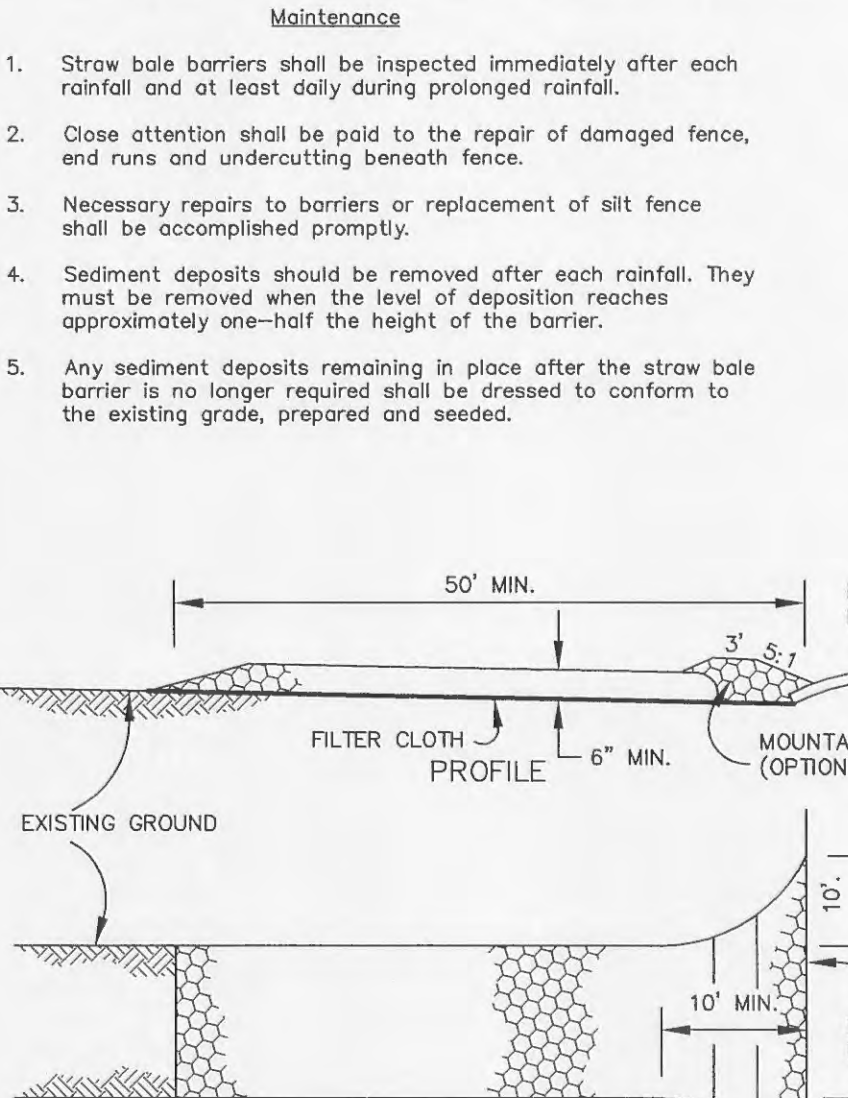
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- Vegetation**
- All roadside ditches, cuts, fills and disturbed areas adjacent to parking areas and roads shall be stabilized with appropriate temporary or permanent vegetation according to the applicable standards and specifications.
- Maintenance**
- Silt fence barriers shall be inspected immediately after each rainfall and at least daily during prolonged rainfall.
  - Close attention shall be paid to the repair of damaged barriers, end runs and undercutting beneath barriers.
  - Necessary repairs to barriers or replacement of fences shall be accomplished promptly.
  - Sediment deposits should be removed after each rainfall. They must be removed when the level of deposition reaches approximately one-half the height of the barrier.
  - Any sediment deposits remaining in place after the straw bale barrier is no longer required shall be dressed to conform to the existing grade, prepared and seeded.



### GeoRidge

#### GeoRidge System

GeoRidge is a permeable plastic geomembrane system designed for erosion and sediment control. The system is constructed of a UV stabilized HDPE and designed to resist erosion from rain, snow, and wind. GeoRidge is manufactured using a fully automated process to ensure the highest quality and consistency.

GeoRidge is available in several sizes and configurations to meet the needs of various applications.

**GeoRidge Advantages**

- Constructed of UV stabilized HDPE
- Lightweight - about 1 kg (2.2 lbs.)
- Reusable
- Portable and stackable - GeoRidge can easily fit on a pickup truck
- No machine handling required
- Quick and easy installation
- Simple anchoring system
- Maximum resistance to
- Collects sediment and debris
- Reduces rather than blocks flow velocities
- Open structure allows vegetation
- Complements the performance of erosion control blankets

**GeoRidge Applications**

- Roadside ditches
- Developments
- Streambanks
- Construction sites
- Stormwater channels
- Erosion
- Hillside ditches
- Golf courses
- Nurseries

**Recommended Options**

Empire Control Blankets are recommended directly under the GeoRidge panels. These blankets provide underpinning of the panels and encourage the earliest possible vegetation growth.

**Notes**

1. Note: Panels should be installed in a single row, lengthwise on the contour, with both ends of adjacent panels tightly abutting one another.

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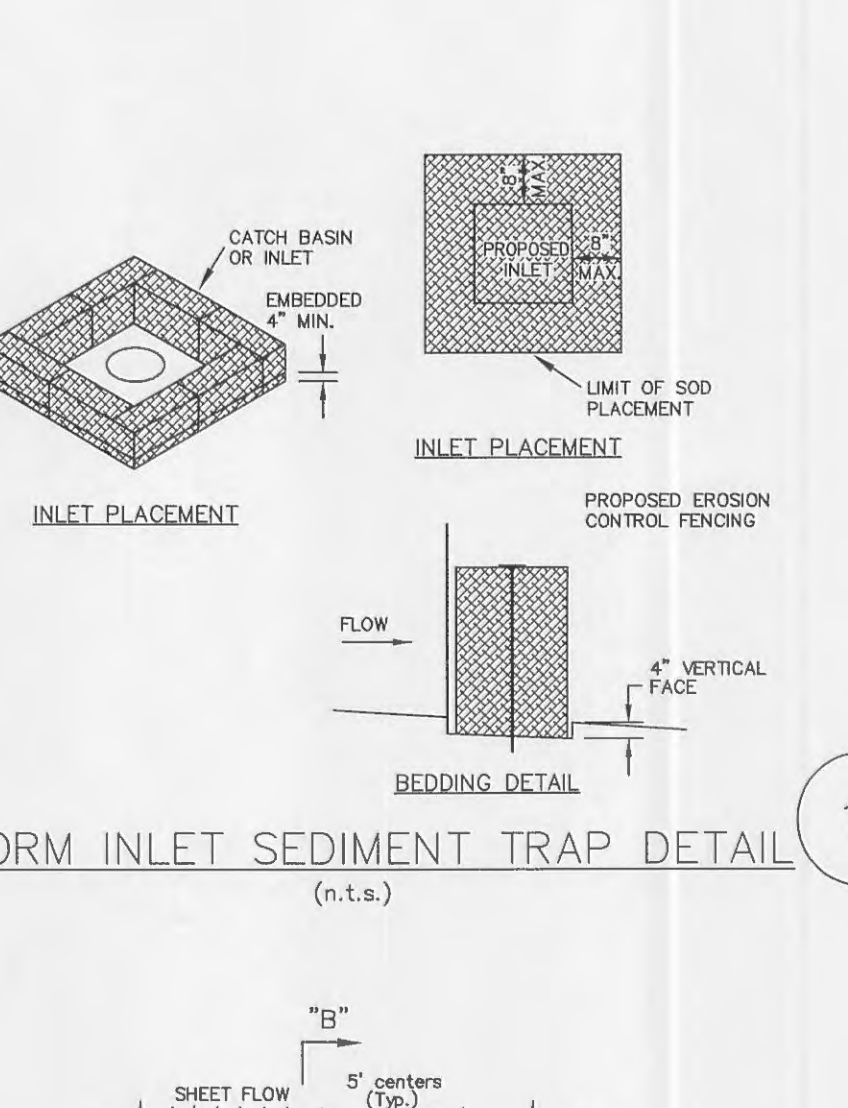
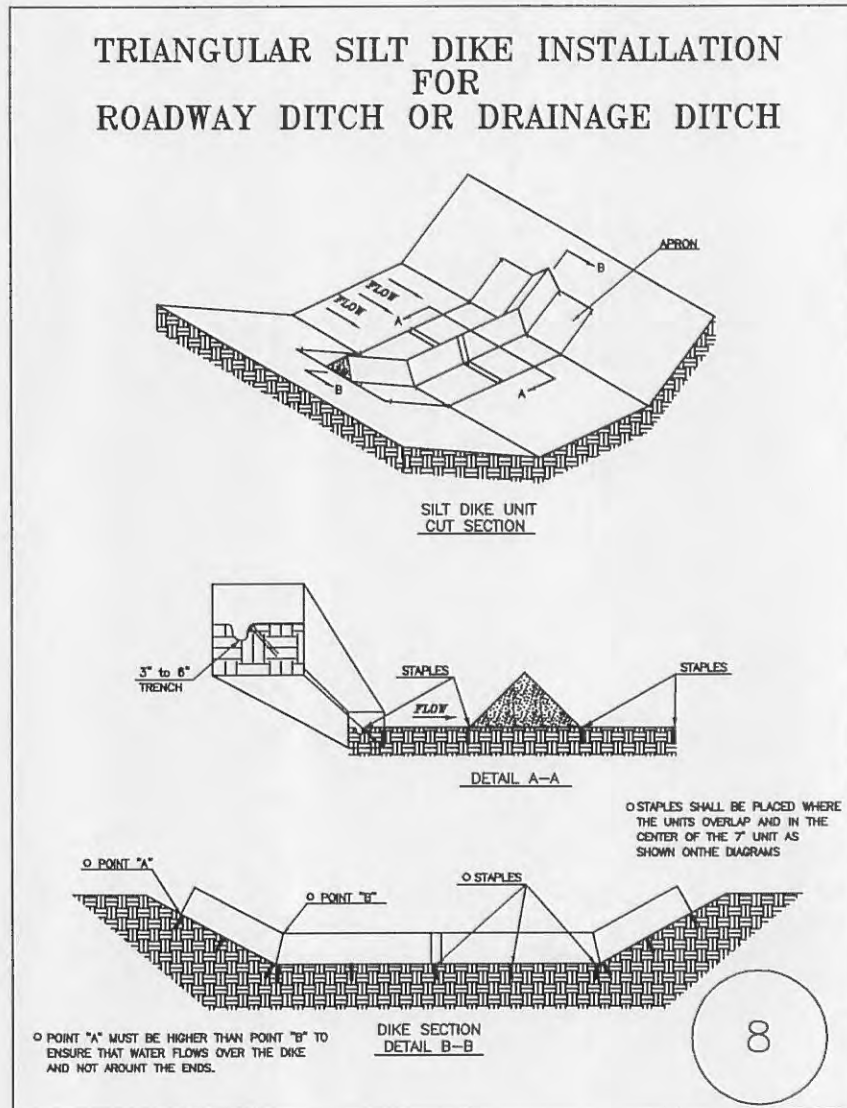
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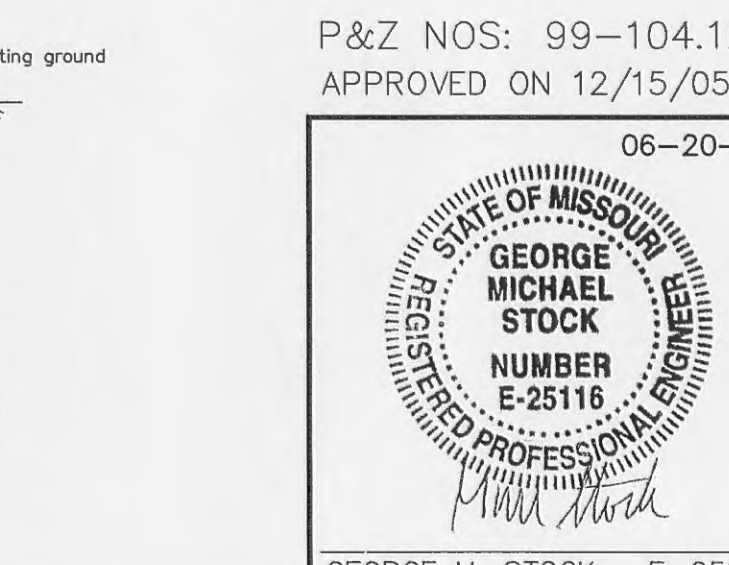
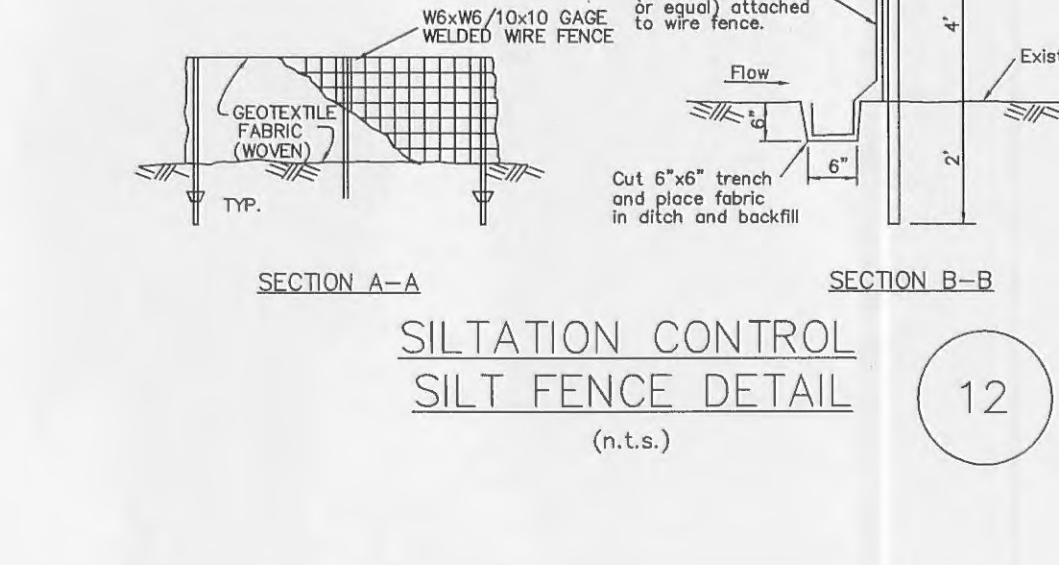
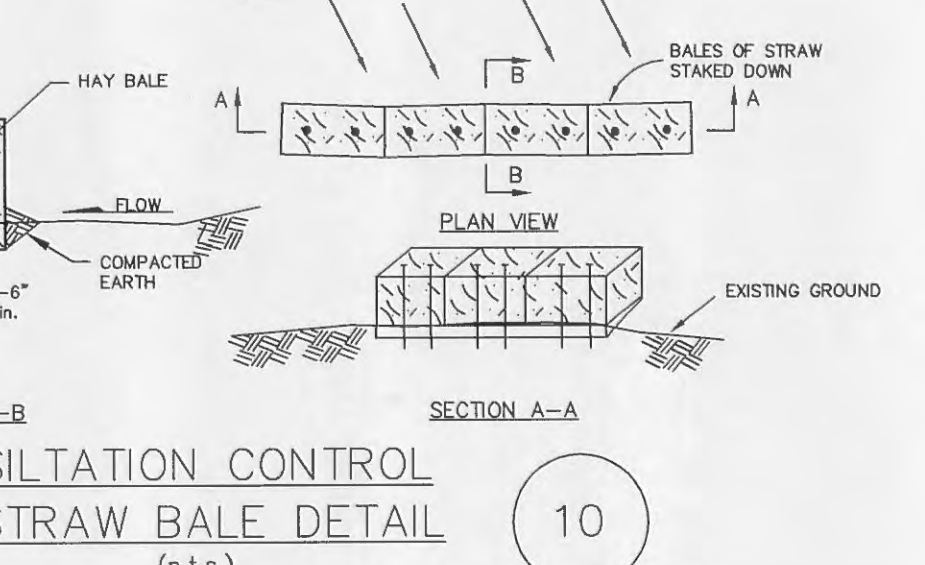
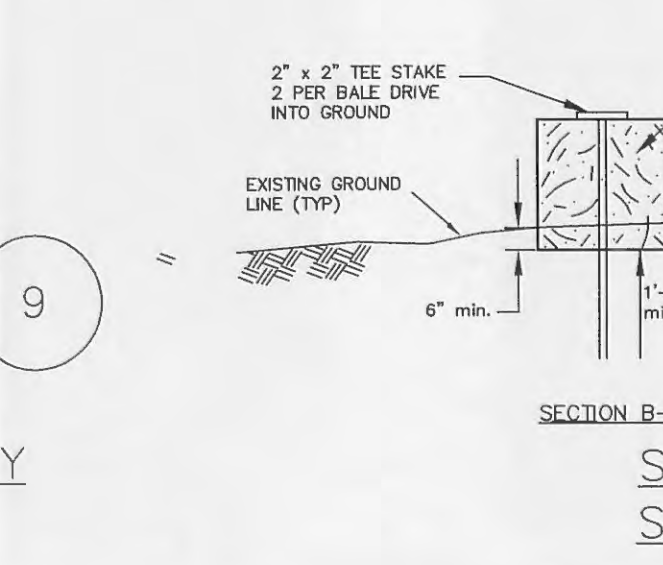
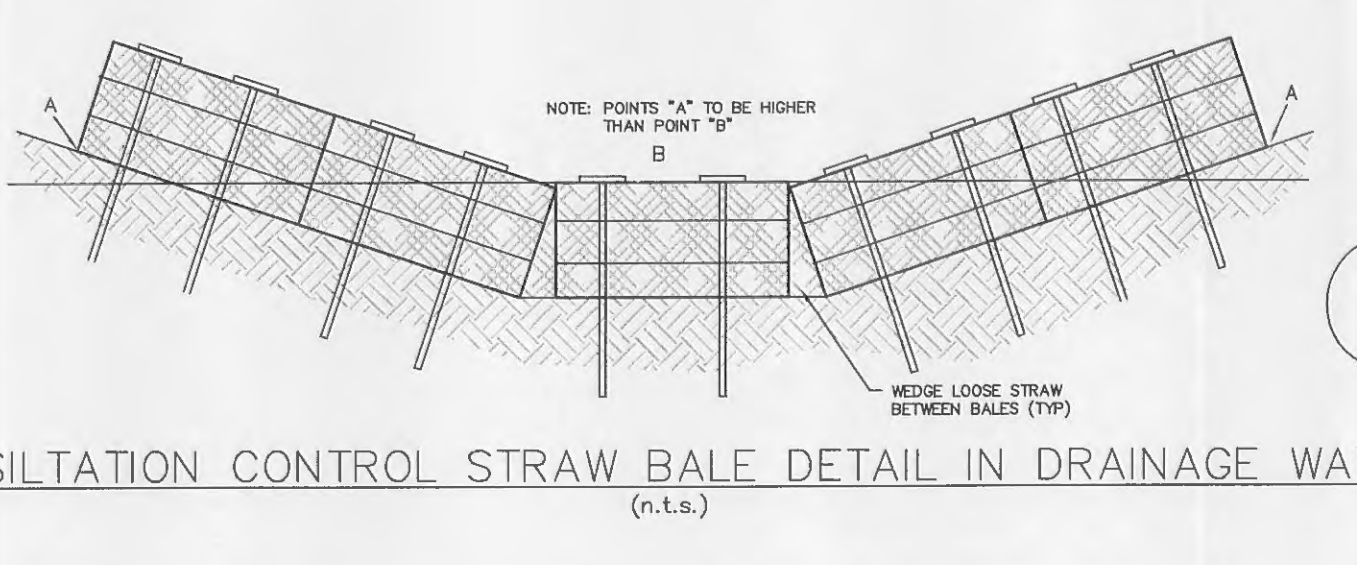
- Maintenance**
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- Stone size - use 2" stone, or reclaimed or recycled concrete equivalent.
- Length - as required, but no less than 70' (except on a single residence lot where a 30 foot minimum length would apply).
- Thickness - not less than six (6) inches.
- Width - fourteen (14) foot minimum, but not less than the full width at points where ingress or egress occurs.
- Filter cloth - will be placed over the entire area prior to placing on stone. Filter will not be required on a single family residence lot.
- Surface water - all surface water flowing or diverted toward construction entrances shall be piped across entrance, if piping is impractical, a mountable berm with 5:1 slopes will be permitted.
- Maintenance - the entrance shall be maintained in a condition which will prevent tracking or flowing of sediment into public right-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public right-of-ways must be removed immediately.
- Washing - wheels shall be cleaned to remove sediment prior to entrance into public right-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
- Periodic inspection and needed maintenance shall be provided after each rain.

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### EROSION CONTROL DETAILS

#### RESIDENCE INN - PROGRESS POINT VILLAGE

P&Z NOS: 99-104.12  
APPROVED ON 12/15/05

06-20-06

**STOCK & ASSOCIATES**

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