



# Department of Transportation

State of Georgia

Office of Materials and Research

15 Kennedy Drive

Forest Park, Georgia 30297-2599

Mr. Roger Singleton  
Singleton Construction Co.  
1060 Ellington Rd  
Oxford, GA 30054

Dear Mr Singleton:

**Subject: New Products Evaluation Committee Action on "The Silt Saver™", NPE# 9907-1**

The New Product Evaluation Committee has recommended that the Department classify the subject product as "Accepted" for use by the Department on construction and maintenance projects as an alternate to Type IV Silt Control Gates as found in the Department's Standard Drawings and Specifications. Acceptance will continue as long as the Silt Saver geotextile is constructed of non-woven filter fabric meeting Georgia Department of Transportation Standard Specification Subsection 881.05. This product will be referenced on construction details at this time. The Committee requests that you submit a material specification for "The Silt Saver" so that the Department can develop a standard specification.

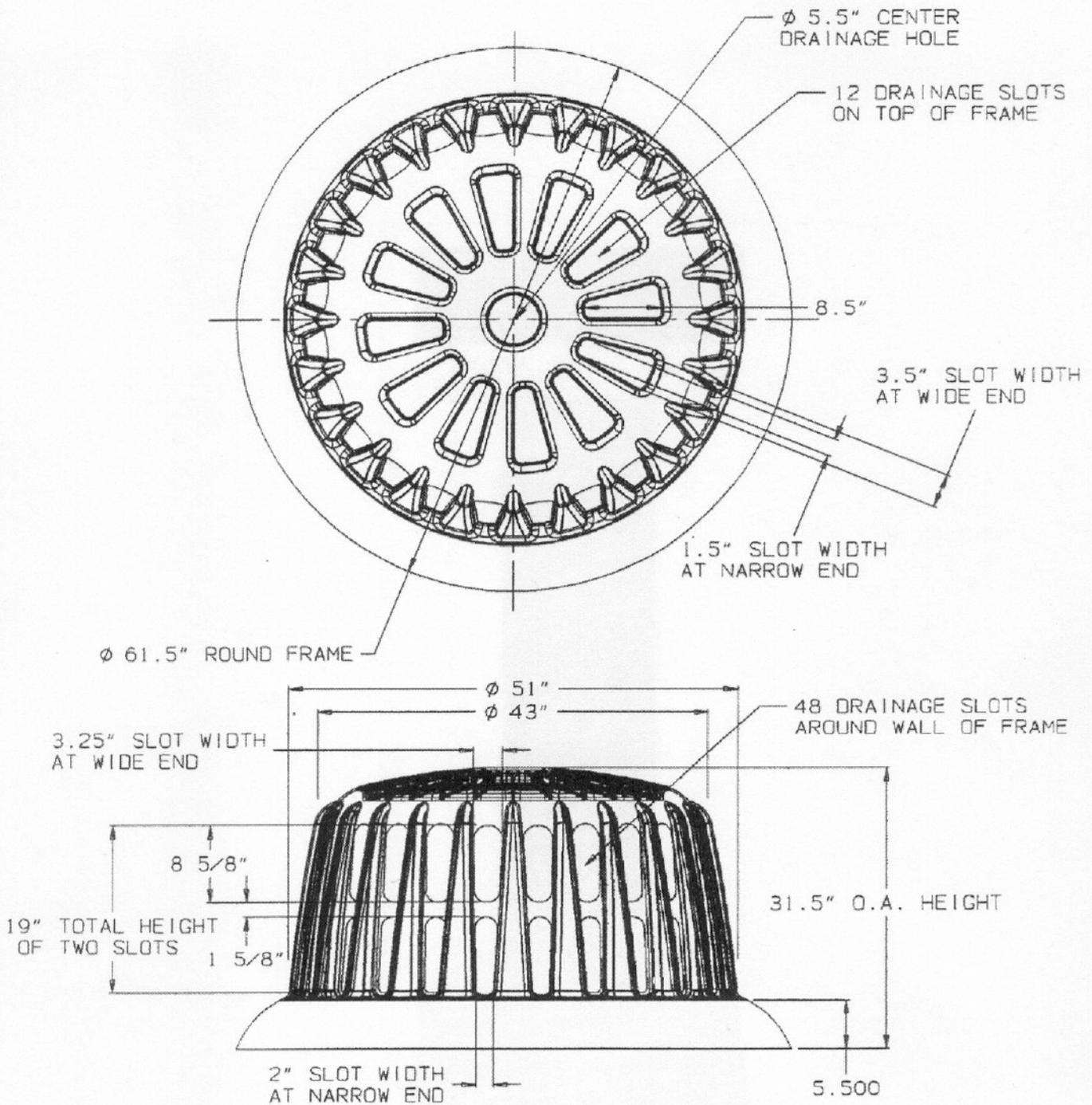
If you have any questions concerning this matter, please feel free to contact Brad Young at (404) 363-7560 or Darrell Johnson at (404) 363-7605. We appreciate your interest in marketing products that may be of benefit to the Georgia Department of Transportation.

Sincerely,

A handwritten signature in cursive script that reads "Wouter Gulden".

Wouter Gulden, P E  
State Materials and Research Engineer

WG/DW/BY/dj



MATERIAL = BLACK 1/4" STARTING THICKNESS HIGH DENSITY POLYETHYLENE

# SILT - SAVER

## STORM WATER FILTER & SAFETY GUARD

[www.siltsaver.com](http://www.siltsaver.com)  
 1401 Business Center Drive Conyers, GA 30094  
 Phone: (770) 388-7818 Fax: (770) 388-7640  
 Toll Free: 1-888-382-SILT (7458)

SILT - SAVER ROUND FRAME

SCALE 1/16" = 1"

DRAWN BY TMB

DATE 12 JAN 2001

REV. A

DWG.#FX-

# SILT-SAVER, INC.

Storm Drain Inlet Filter / Safety Guard



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

“a Better way to a  
CLEANER Environment”

Distributed in your local area by:



### **BENEFITS:**

- ✓ Reusable HDPE Frame
- ✓ Keeps Silt Above The Ground
- ✓ Fast, Easy Installation
- ✓ No Hazardous Stakes
- ✓ Safer Worksite
- ✓ Maximum Filtration
- ✓ Fail-safe Design

Silt-saver, Inc. \* 1401 Business Center Drive, Conyers, GA 30094  
PHONE 770-388-7818 \* TOLL FREE 1-888-382-SILT (7458) \* Fax 770-388-7640 \* [www.siltsaver.com](http://www.siltsaver.com)

# Specifications

The patented **Silt-Saver Frame** is constructed of partially recycled, high molecular weight, high-density polyethylene copolymer (HDPE). This material has super stress crack resistance combined with high impact strength and rigidity.

**Frames are currently available in 2 models:**

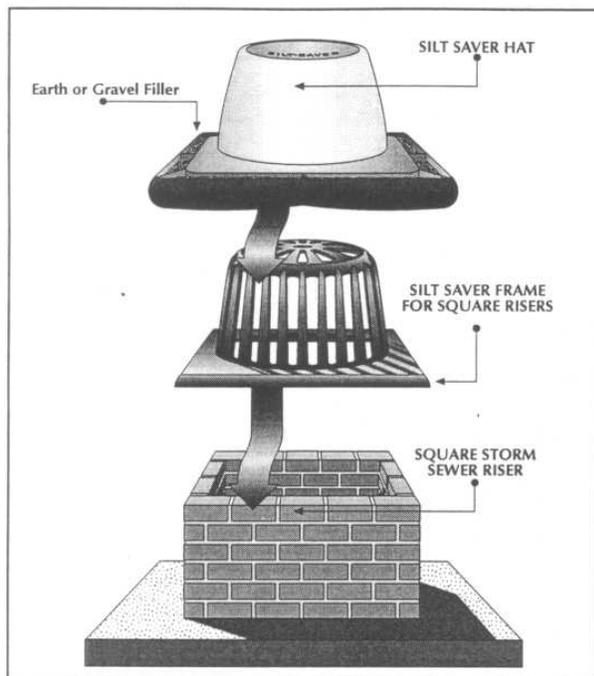
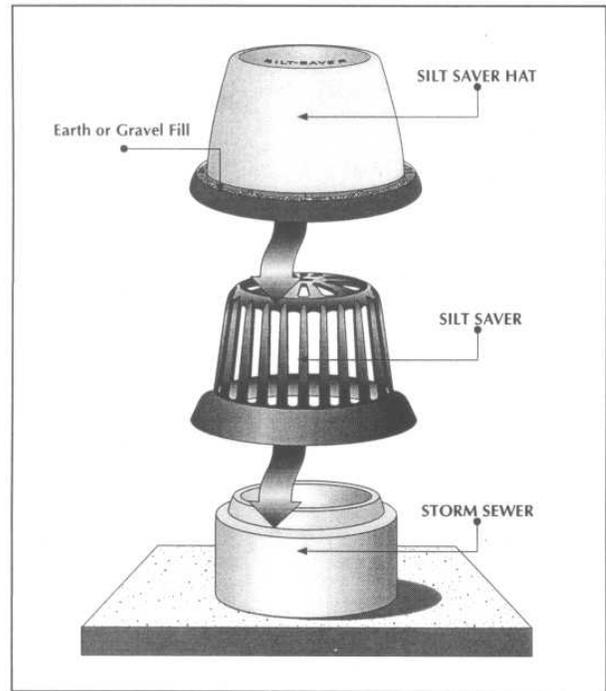
**SS-100A - Round Base** to fit the 60" O. D.

precast risers as used in most residential and light commercial applications and

**SS-200A - Square Base** to fit the 60" O.D. brick or precast designs as used in most D.O.T.

Highway applications.

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



Silt-Saver, Inc. warrants all products against material defects and workmanship at time products are received. However due to the nature of construction jobsites, the durability and long term use of these products is not warranted.

All statements, information and data given herein are believed to be accurate and reliable but are presented without guaranty, warranty or responsibility of any kind, expressed or implied. The user should not assume that all safety measures are indicated, or that other measures of safety may not be required.

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

Weight	D-3776	3.0 oz y <sup>2</sup>
Tensile strength	D-4632	80lbs
Elongation	D-4632	50%
Mullen burst	D-3786	150
Puncture strength	D-4833	50
Trapezoid tear	D-4533	30
AOS-US std sieve	D-4751	70
Permittivity, -1 *	D-4491	2.0
Flow *	D-4491	102 gal/min/ft <sup>2</sup>
U.V. Resistance, %	D-4355 (500 hrs)	70

\* Due to the variations in soil conditions, (soil types, soil stability, etc.) Silt-Saver, Inc. does not specify long-term effectiveness, (resistance to clogging). If this is a concern, one may want to conduct a gradient ratio test that will compare a specific soils hydraulic gradient to the hydraulic through the filter.

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

**(770) 388-7818 -or- Toll Free 1 (888) 382-SILT (7458)**

**Web: [www.siltsaver.com](http://www.siltsaver.com)**

**Email: [sales@siltsaver.com](mailto:sales@siltsaver.com)**