



INSTALLATION SPECIFICATION

PERIMETER CONTROL - Compost Filter Sock

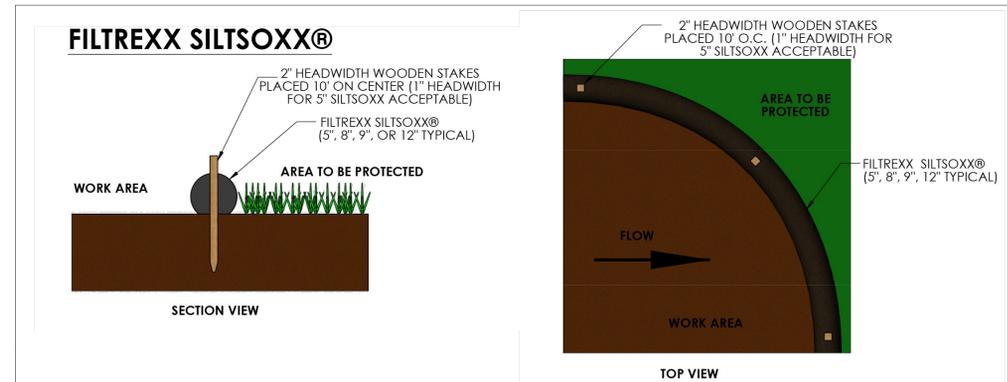
INSTALLATION

1. Perimeter control (Filtrex SiltSoxx®/Soxx) will be placed at locations indicated on plans and in a manner as directed by the Engineer or Manufacturer.
2. Perimeter control should be installed parallel to the base of the slope or other disturbed area. In challenging conditions (i.e., 2:1 slopes), a second perimeter control shall be constructed at the top of the slope, or staking may be increased.
3. Effective Soxx height in the field should be as follows: 5" diameter Soxx = 4" high; 8" diameter Soxx = 6.5" high; 12" diameter Soxx = 9.5" high; 18" diameter Soxx = 14.5" high; 24" diameter Soxx = 19" high.
4. Stakes should be installed through the middle of the perimeter control on 10 ft (3m) centers, using nominal 2 in (50mm) by 2 in (50mm) by 3 ft (1m) wooden stakes. 5" diameter Soxx may use 1" (25 mm) x 1" (25 mm) x 18" (0.5 m) wooden stakes. In the event staking is not possible, i.e., when perimeter control is used on highly compacted soils or impervious surfaces, sand bags (or equivalent) may be used to stabilize Soxx, as long as effective height is not compromised. On impervious surfaces, concrete blocks (or equivalent) may be used behind the perimeter control to help stabilize during rainfall/runoff events.
5. Alternatively, stakes may be installed directly behind the Soxx at a 90-degree angle to level ground (regardless of slope angle), where stakes are in direct contact with the downslope side of Soxx. If high runoff or sediment accumulation is expected, staking through the Soxx may be required.

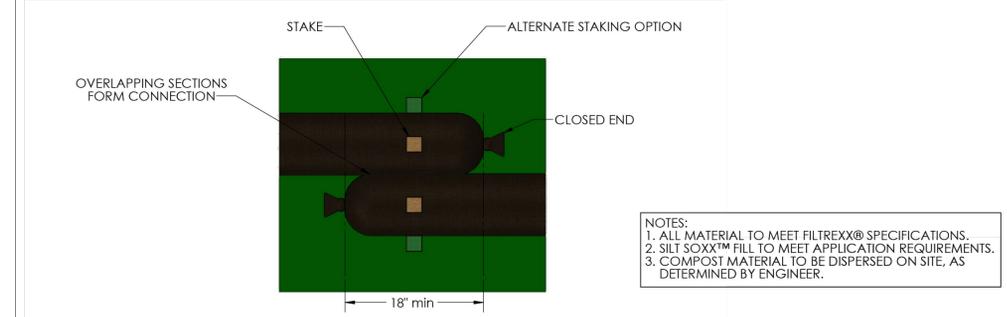
6. Staking depth for sand and silt loam soils shall be 12 in (300mm), and 8 in (200mm) for clay soils.
7. Straighten or position the Soxx as needed on the ground, ensuring there is good ground contact and no void spaces under the Soxx.
8. Do not drag Soxx across rough surfaces. If dragging across a rough surface is necessary, place a barrier such as plastic or a tarp under Soxx to prevent tearing.
9. Loose compost may be backfilled along the upslope side of the perimeter control, filling the seam between the soil surface and the device, improving filtration and sediment retention.
10. If the perimeter control is to be left as a permanent filter or part of the natural landscape, it may be seeded at time of installation for establishment of permanent vegetation. The Engineer will specify seed requirements.

MAINTENANCE & DISPOSAL

1. The contractor shall remove sediment at the base of the upslope side of the perimeter when accumulation has reached 1/2 of the effective height of the sock, or as directed by the Engineer. Alternatively, a new perimeter control sock can be placed on top of and slightly behind the original one creating more sediment storage capacity without soil disturbance.
2. Perimeter control shall be maintained until disturbed area above the device has been permanently stabilized and construction activity has ceased.
3. The FilterMedia will be dispersed on site once disturbed area has been permanently stabilized, construction activity has ceased, or as determined by the Engineer.



COMPOST SOCK CONNECTION/ATTACHMENT DETAIL

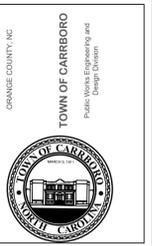


NOTES:
 1. ALL MATERIAL TO MEET FILTREXX® SPECIFICATIONS.
 2. SILT SOXX™ FILL TO MEET APPLICATION REQUIREMENTS.
 3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

Refer to Design Specification for complete application, design, installation, maintenance, and removal documentation.

filtrex.com | 877.542.7699 | info@filtrex.com

Filtrex®, Filtrex SiltSoxx®, and the branch & leaf logo® are Registered Trademarks used by Filtrex International. FilterMedia is a Trademark used by Filtrex International. US Patents 7,226,240; 7,452,165; 7,654,292; 8,272,812; 8,439,607; 8,740,503; 8,821,076; 9,044,795; 9,945,090; and 9,982,409 may apply & patents pending. © 2021 Filtrex International, all rights reserved. Filtrex Design Manual Version 11.1



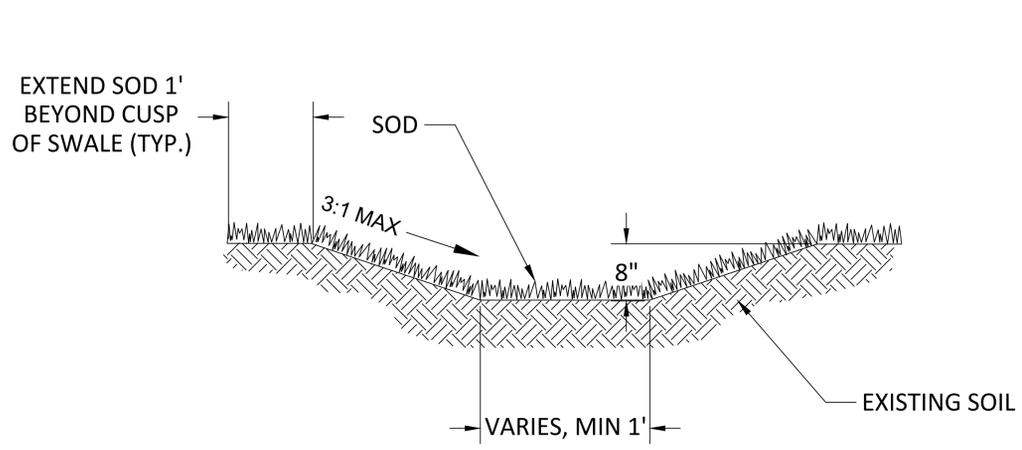
SEAL

WESTWOOD CEMETERY SITE IMPROVEMENTS EROSION CONTROL DETAILS

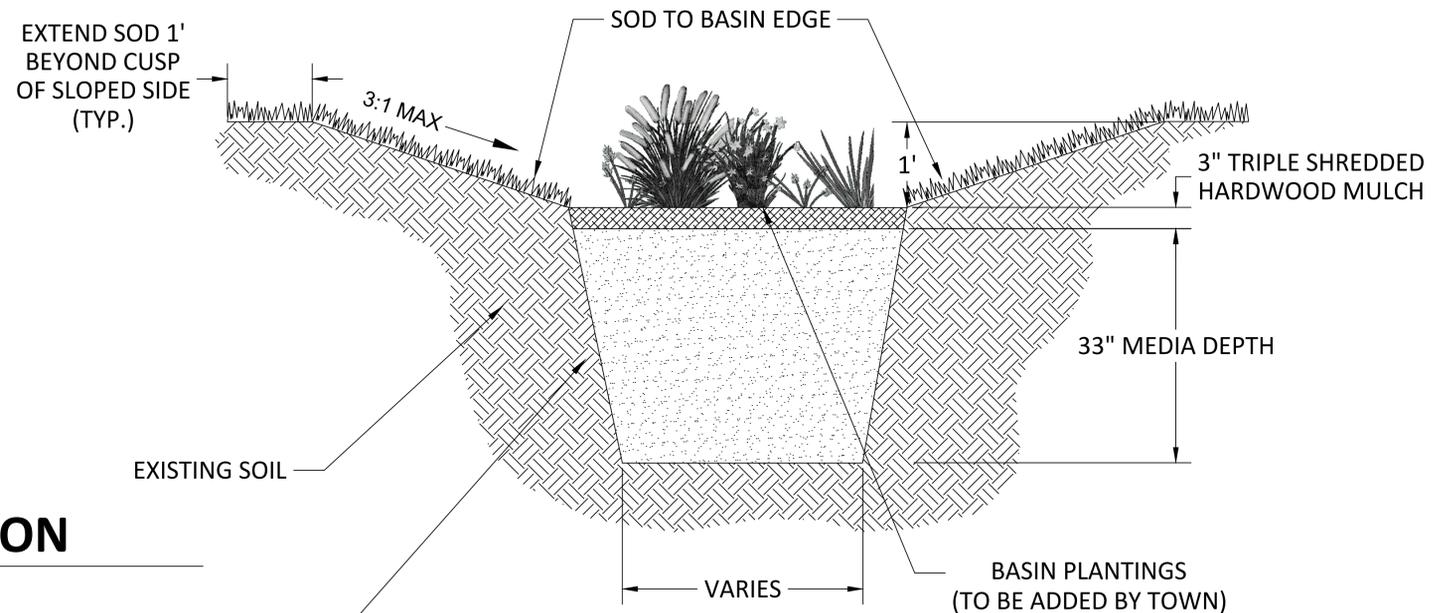
TOWN OF CARRBORO
 Public Works Department
 Engineering Division
 100 Public Works Drive
 Carrboro, NC 27510
 (919) 918-7436

DATE	
REVISIONS	
NO.	

NO.	DATE	REVISIONS



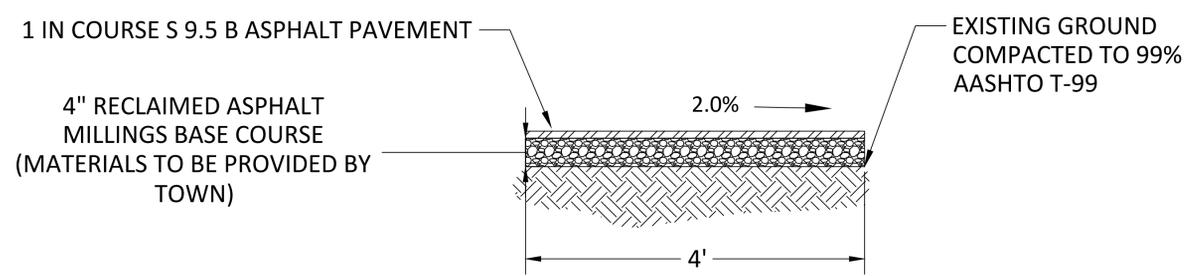
GRASS-LINED TREATMENT SWALE SECTION



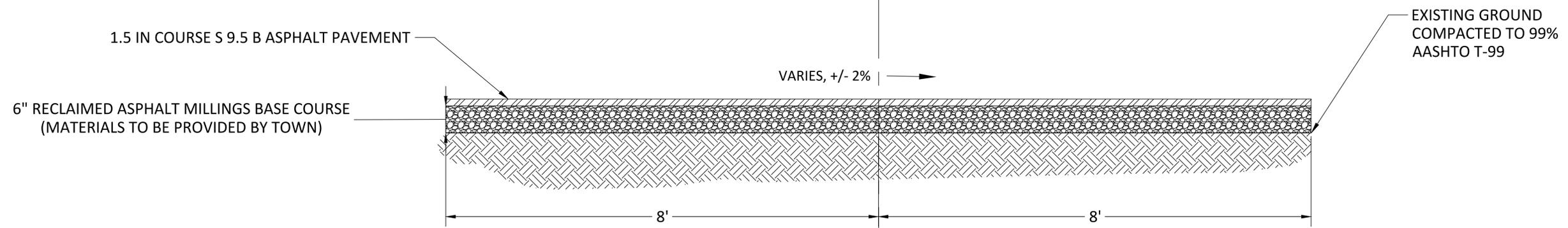
- MEDIA MIX:
- a. 85-88% WASHED WELL-GRADED MEDIUM TO COARSE CONCRETE SAND (ASTM C33)
 - b. 8-12% FINES (SILT AND CLAY); AND
 - c. 3-5% ORGANIC MATTER (SUCH AS PINE BARK FINES)

- NOTES:
1. FINES ADJUSTMENTS: FINES SHOULD BE ADJUSTED FOR SITE CONDITIONS OF TARGET POLLUTANTS
TP: 8%
TN: 12%
 2. MEDIA SHALL NOT BE MECHANICALLY COMPACTED. LEVEL BY WALKING/RAKING, THEN SATURATE SUFFICIENTLY TO ACHIEVE COMPACTION

RAIN GARDEN SECTION



WALKING TRAIL SECTION (ADD ALTERNATE)



LOOP ROAD SECTION

SEAL

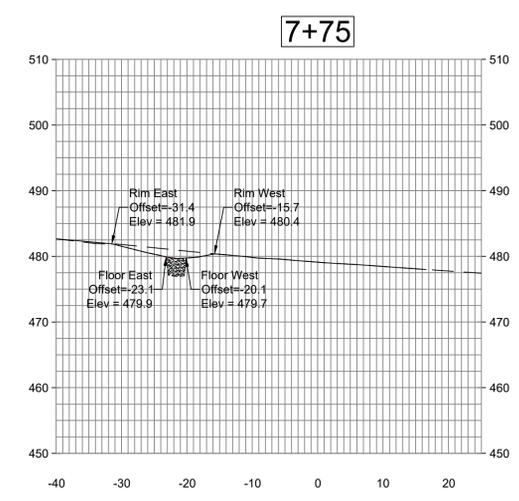
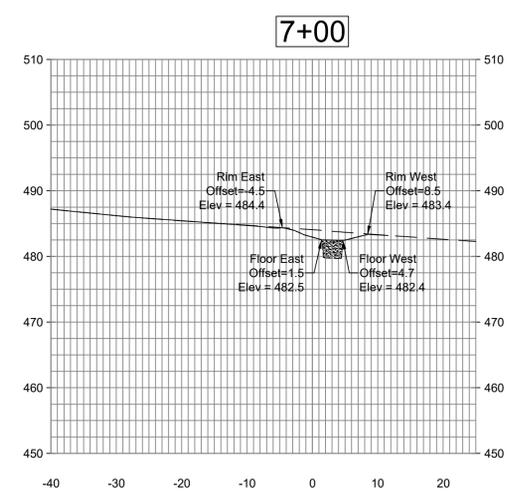
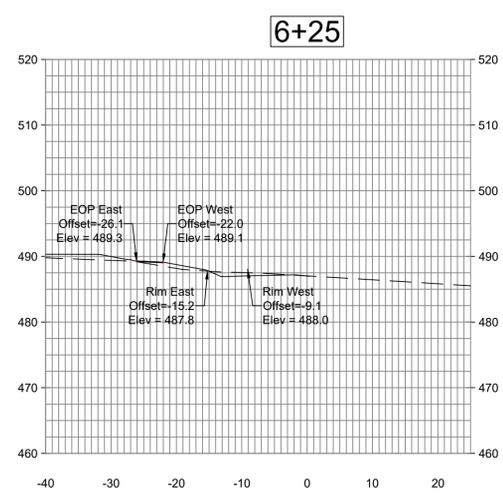
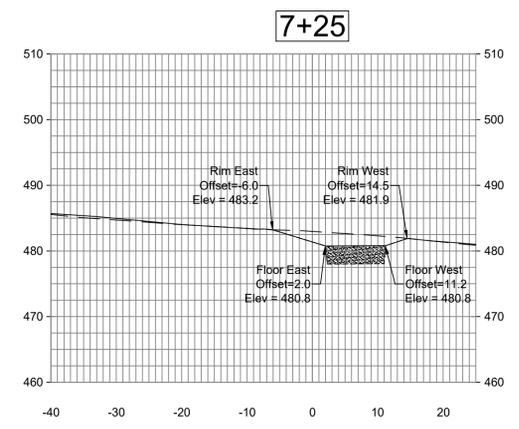
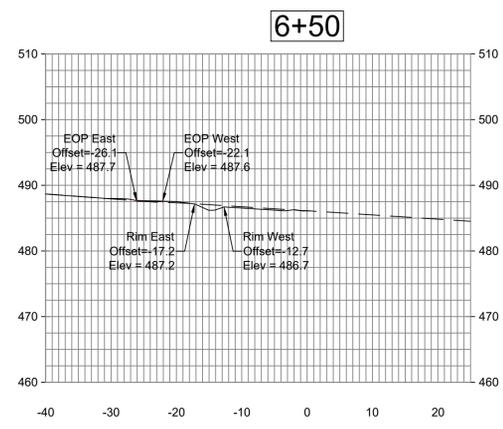
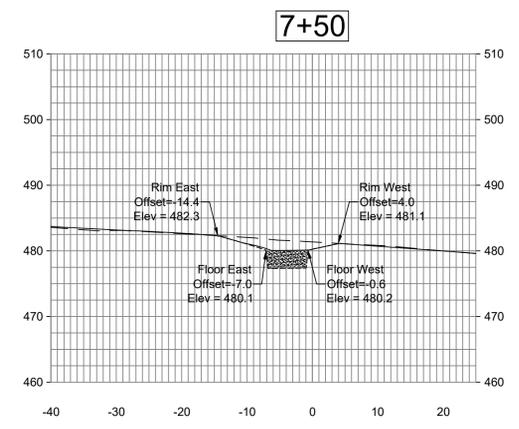
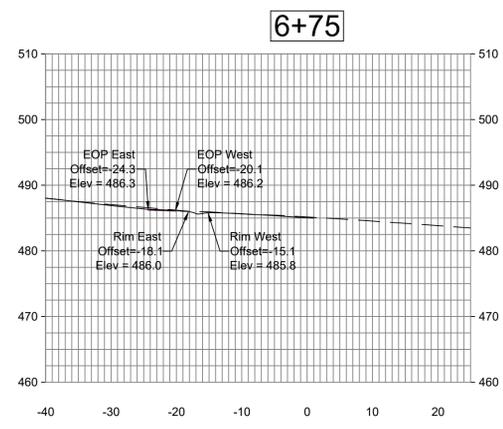
WESTWOOD CEMETERY SITE IMPROVEMENTS
GRADING SECTIONS

TOWN OF CARRBORO
Public Works Department
Engineering Division
100 Public Works Drive
Carrboro, NC 27510
(919) 918-7436

Drawn	
Reviewed	
Scale	
Date	

LEGEND

-  EXISTING GRADE
-  FINISHED GRADE
-  ASPHALT TRAIL
-  BIORETENTION MEDIA



SECTIONS: GRADING CONSTRUCTION BASELINE