

SOIL EROSION AND SEDIMENT CONTROL NOTES

NARRATIVE

The purpose of the Soil Erosion and Sediment Control Plan details and notes is to outline a program that minimizes soil erosion during the pool construction. THE PRIMARY POLICIES OF THIS PROGRAM ARE:

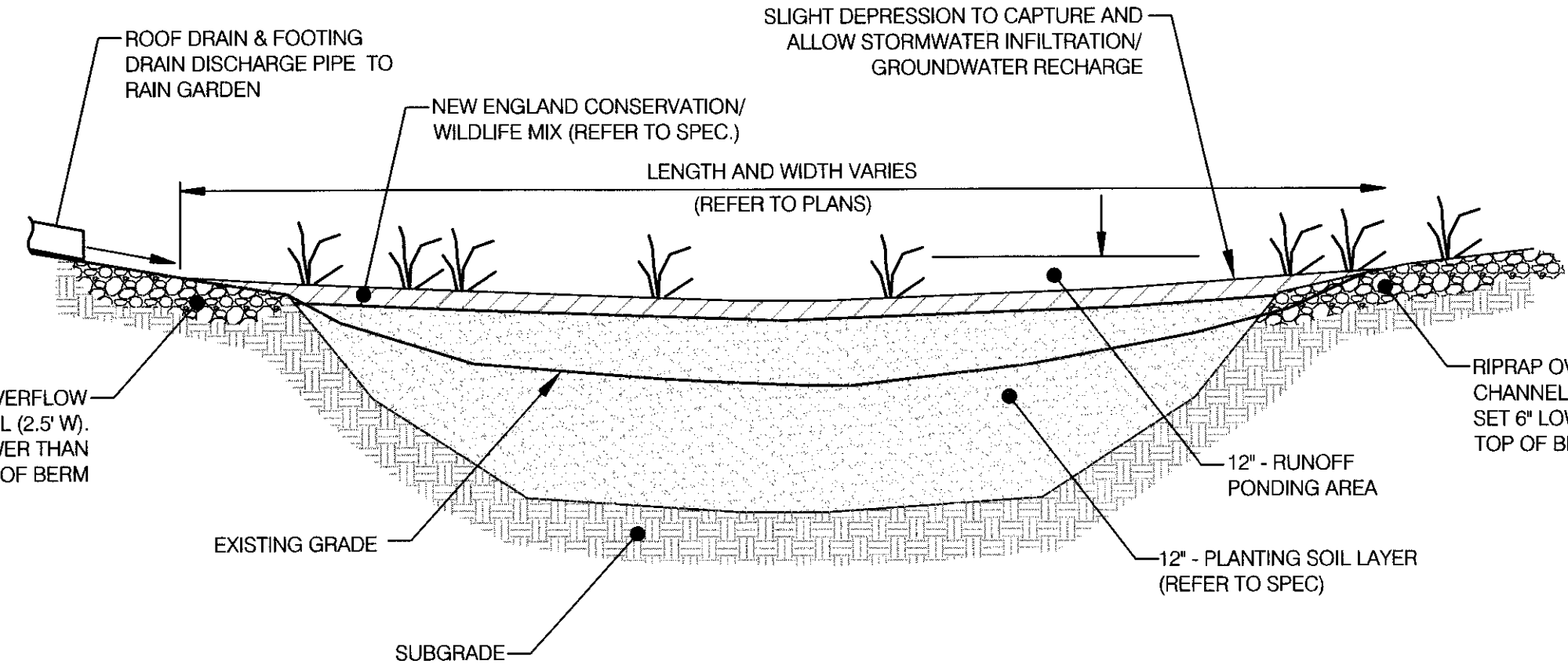
- a) Trapping particles at source by promptly stabilizing disturbed areas;
- b) Avoid concentration of water;
- c) Avoid contamination of existing storm drains;
- d) Maintenance (weekly maintenance and after storm events) of controls to ensure they are functioning properly.

NOTES

1. All soil erosion and sediment controls shall be done in conformance with the 2002 Connecticut "Guidelines for Soil Erosion and Sediment Control", DEP Bulletin #34, prepared by the Connecticut Council on Soil and Water Conservation.
2. The contractor is assigned the responsibility for implementing this soil erosion and sediment control plan. This responsibility includes the installation and maintenance of control measures, informing all parties engaged on the construction site of the requirements and objectives of the plan, notifying the Planning and Zoning Office/Conservation Department of any transfer of this responsibility.
3. Temporary sediment control measures must be installed in accordance with drawings and manufacturer recommendations prior to work.
4. No construction or construction equipment or storage of materials will be allowed on the downhill side of the silt fence or within fenced off areas, except during construction of proposed facilities shown beyond the fences.
5. Tracking pads shall be installed at start of construction and maintained in an effective condition throughout the duration of construction. Pad consist of CT DOT #3 stone, 6" minimum thickness and extend the width of the construction access. The length of the access shall be sufficient to prevent dirt from being tracked onto off site roads (minimum length of 50').
6. The location of the proposed stockpile is shown on the drawing or the excess material is to be removed during construction. Silt fence will be placed at the base of the stockpile to prevent sediment from leaving the site and to protect storm drains, wetlands and watercourses.
7. Silt fence shall be Mirafi envirofence, Amoco siltstop or equivalent as approved by the site engineer. Filter fabric used shall be Mirafi 100x or equivalent. Install silt fence according to manufacturers instruction, particularly, bury lower edge of fabric into ground (see detail).
8. Any excavations that must be dewatered will be pumped into an active drainage system or dispersed in an undisturbed field area. The inlets of all pumps are to be floated a minimum of 24 inches off the bottom of the excavation and pumped into a dirtbag.
9. Land disturbance shall be kept to a minimum. All disturbed area shall be planted in where permanent plantings are called for as soon as possible. Where permanent plantings are not called for, disturbed area should be seeded with grass seed and mulched as soon as practicable. Prepare seedbed (4" thick minimum) with topsoil. Seed, rake, roll, water and mulch areas according to mixes below. Water as often as necessary (up to 3 times per day) to establish cover. Mulch seeded areas at 1 to 2 tons/acre with salt hay. Maintain mulch and watering until grass is 3" high with 85% cover.

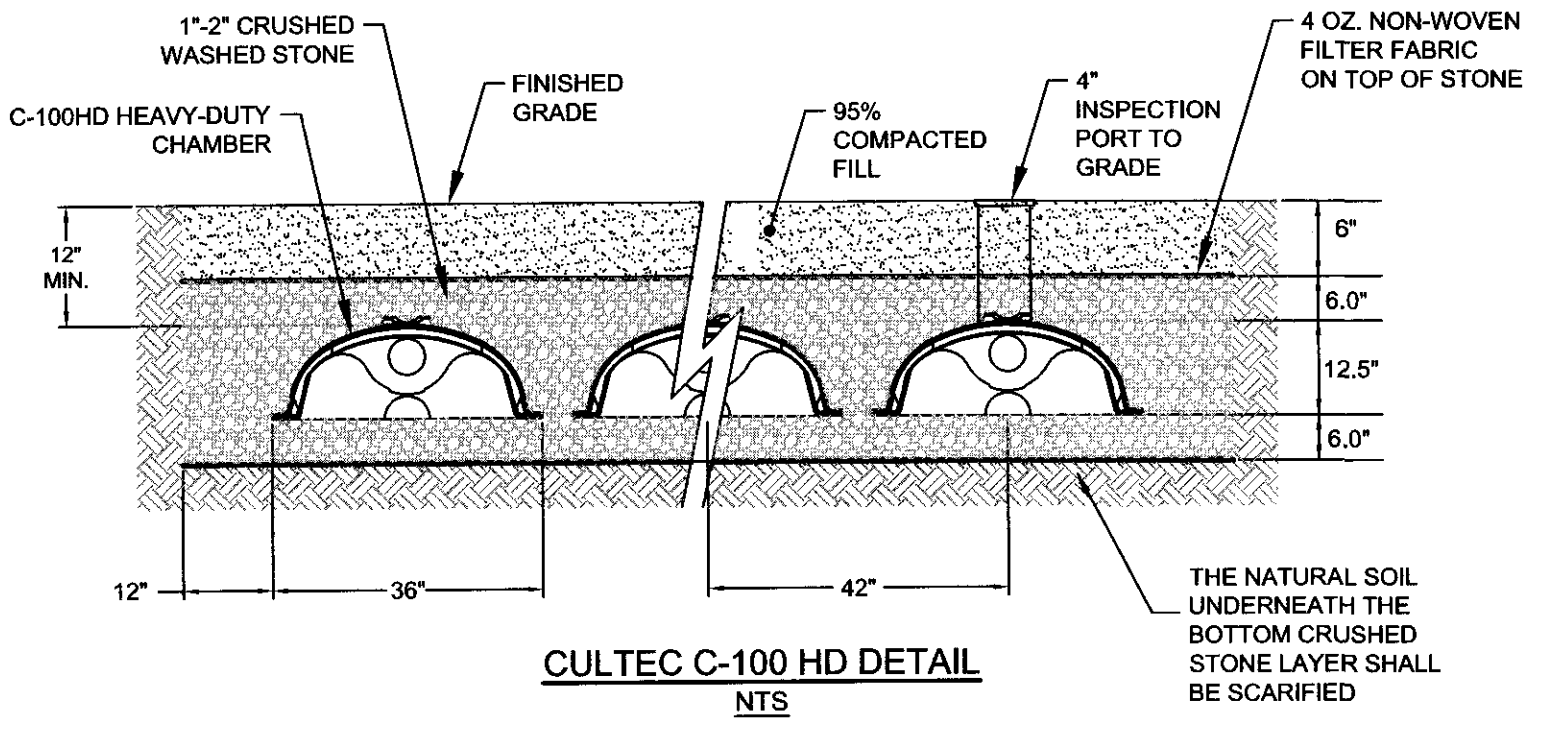
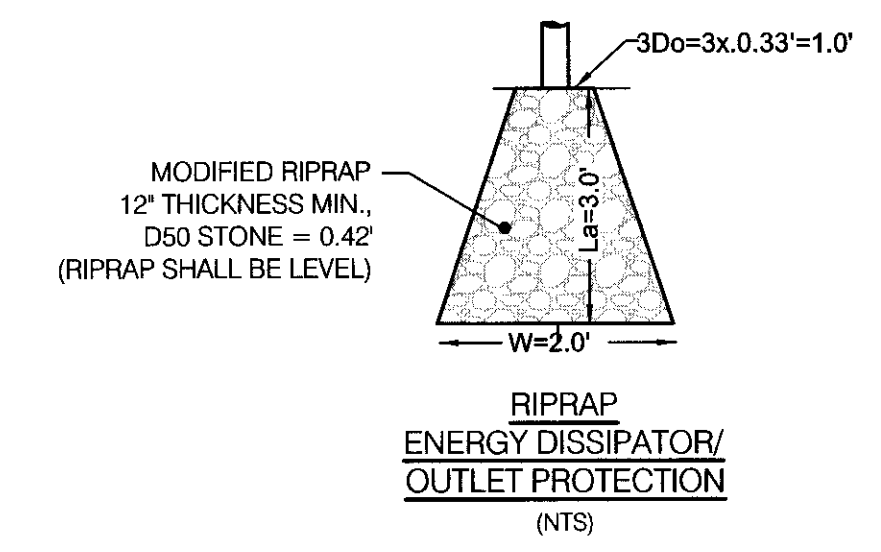
TEMPORARY SEED MIX:	PERMANENT SEED MIX:
Perennial ryegrass 40 lbs/acre	Kentucky Bluegrass 20 lbs/acre
1 lb/1000 sq. ft.	Creeping Red Fescue 20 lbs/acre
	Perennial ryegrass 5 lbs/acre

TOTAL 45 lbs/acre - 1lb/1000 sq. ft.
Optimum Seeding Dates: April 15 - June 15; August 15 - October 1
10. If disturbed areas cannot be seeded immediately due to the time of year, mulch area until seeding can occur; remove mulch and seed and re-mulch as the season permits.
11. Loaded trucks shall be covered as required to keep down dust.
12. Affected portions of off site roads and sidewalks must be swept clean when required to keep down dust and prevent safety hazards or at least once a week during construction.
13. Dust control to be achieved with watering down disturbed areas as required.
14. After each storm event or once weekly, all soil erosion and sediment controls will be inspected. Any corrective actions to mitigate environmental concerns will be ordered by the site engineer or environmental engineer.
15. Additional soil erosion and sediment control measures may be installed during the construction period if found necessary by the inspecting engineer or any Governing agency.
16. All permanent and temporary sediment control devices will be maintained in effective condition throughout the construction period until upland disturbed areas are thoroughly stabilized. Upon completion of work and stabilization of upland areas, all temporary sediment control devices and tree protection should be removed from the site and any silt disposed of properly.

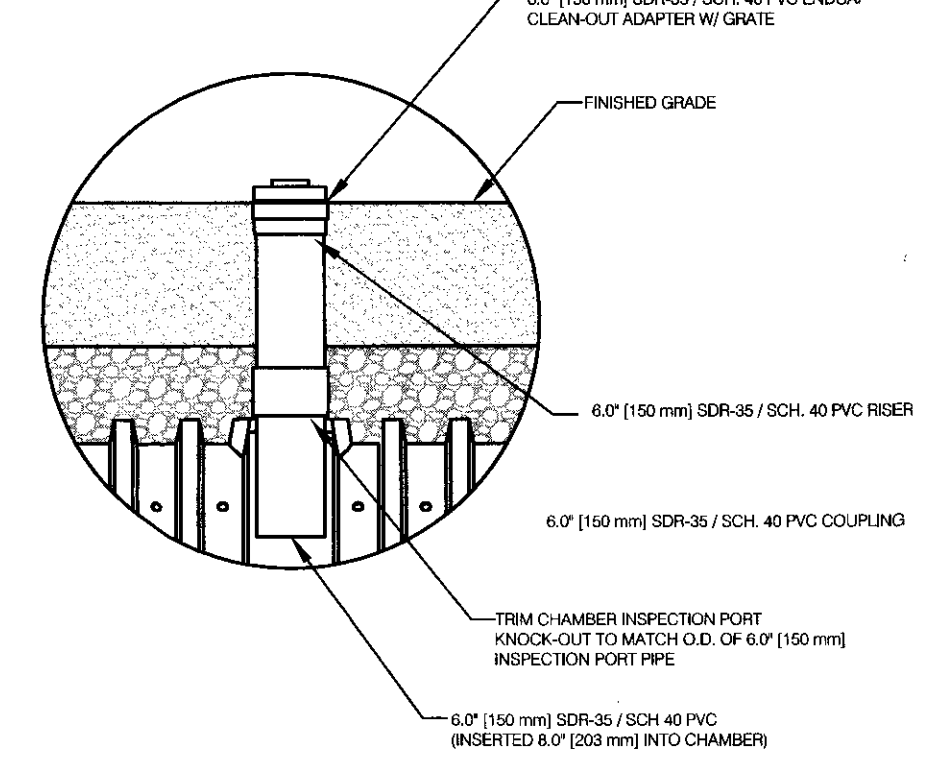


RAIN GARDEN DETAIL
NTS

- NOTES:**
1. THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO THE START OF CONSTRUCTION/INSTALLATION OF RAIN GARDEN MATERIALS.
 2. GRADE SURFACE OF INSTALLATION AREA SO THAT EARTH IS CLEAN OF ALL ROOTS AND OBSTRUCTION. SCARIFY SUBSOIL PRIOR TO INSTALLATION OF RAIN GARDEN MATERIALS.
 3. ALL RAIN GARDEN MATERIALS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION AND SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:
PLANTING SOIL LAYER - SHALL BE A SCREENED TOPSOIL MIXED WITH CLEAN SAND, PER ASTM C-33. REFER TO BIORETENTION SOIL MIX FROM SPEC.
 4. SURFACE PLANTING SEED MIXTURE SHALL BE NEW ENGLAND CONSERVATION/WILDLIFE MIX. APPLICATION RATE: 1 LB/1,750 SF.

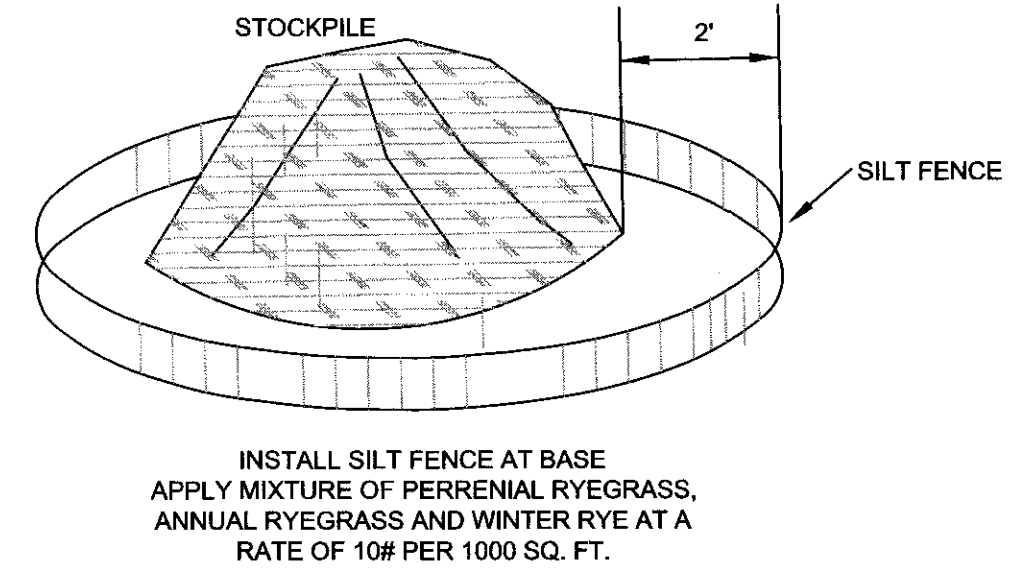


CULTEC C-100 HD DETAIL
NTS

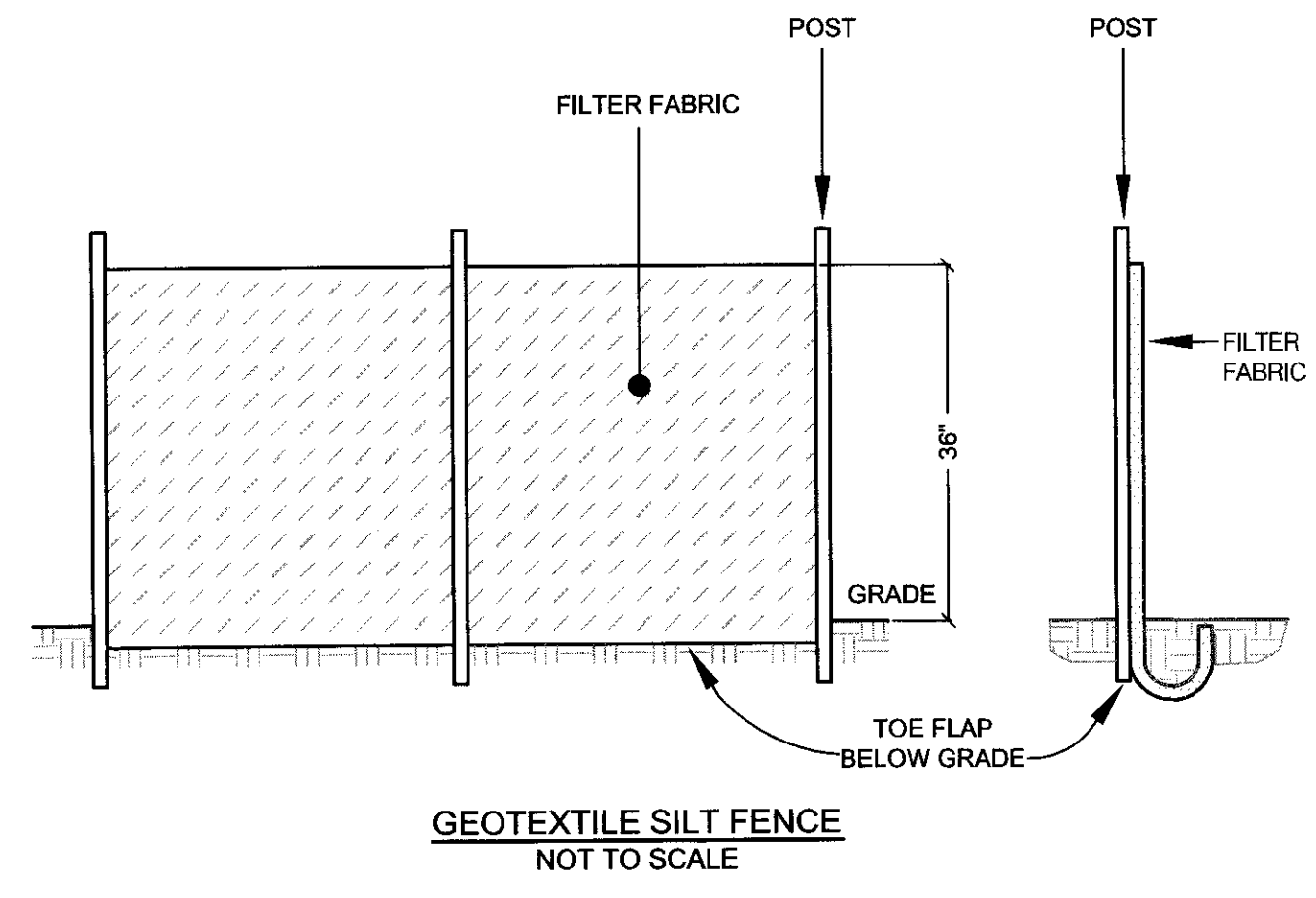


CULTEC 150XLHD DETAIL
NTS

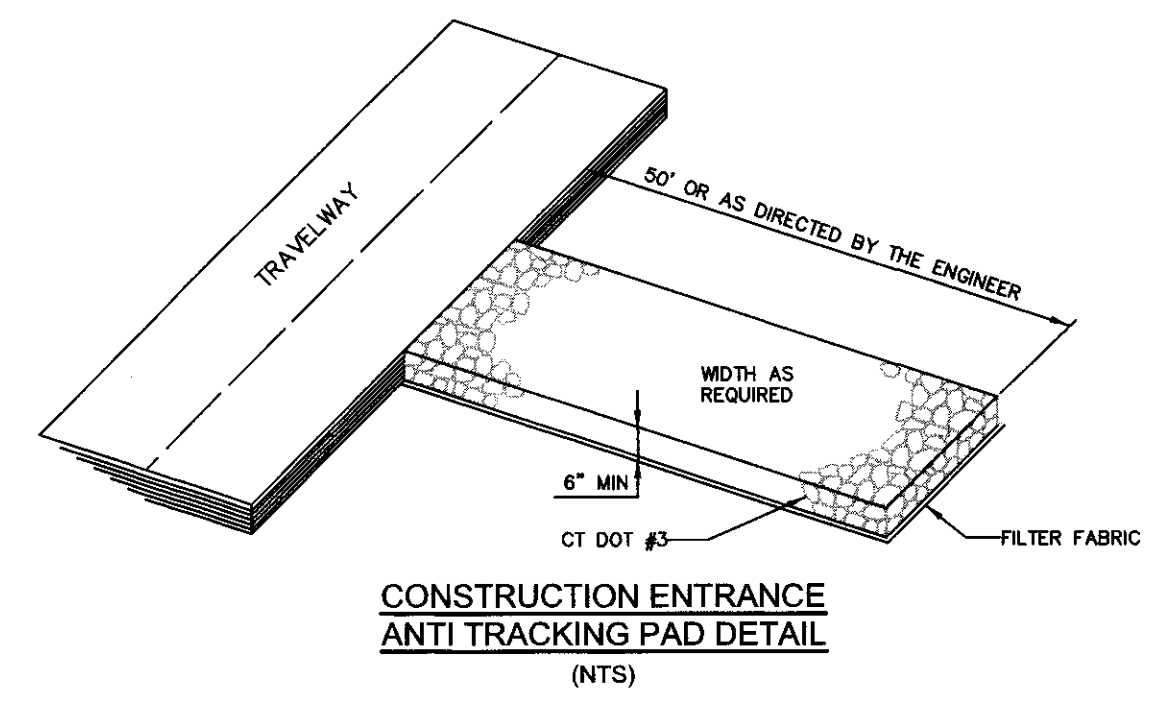
LOW FLOW WATER TREATMENT WASTEWATER DISPOSAL DESIGN FOR WELL
Max. Daily Backwash Discharge Of Water Treatment System - 350 Gallons
Design For 1.5 Times Max. Daily Discharge Of LFWTW - 1.5 x 350 Gal. = 525 Gallons
525 Gal./ 7.48 Gal./CF - 70.2 CF Of Storage Required
Therefore Propose (2) Cultec C-100 Unit Embedded In 12" Of Stone On Ends & Sides & 6" Of Stone On Top & Bottom For 86 CF Of Storage Provided
Storage Provided - 86 CF



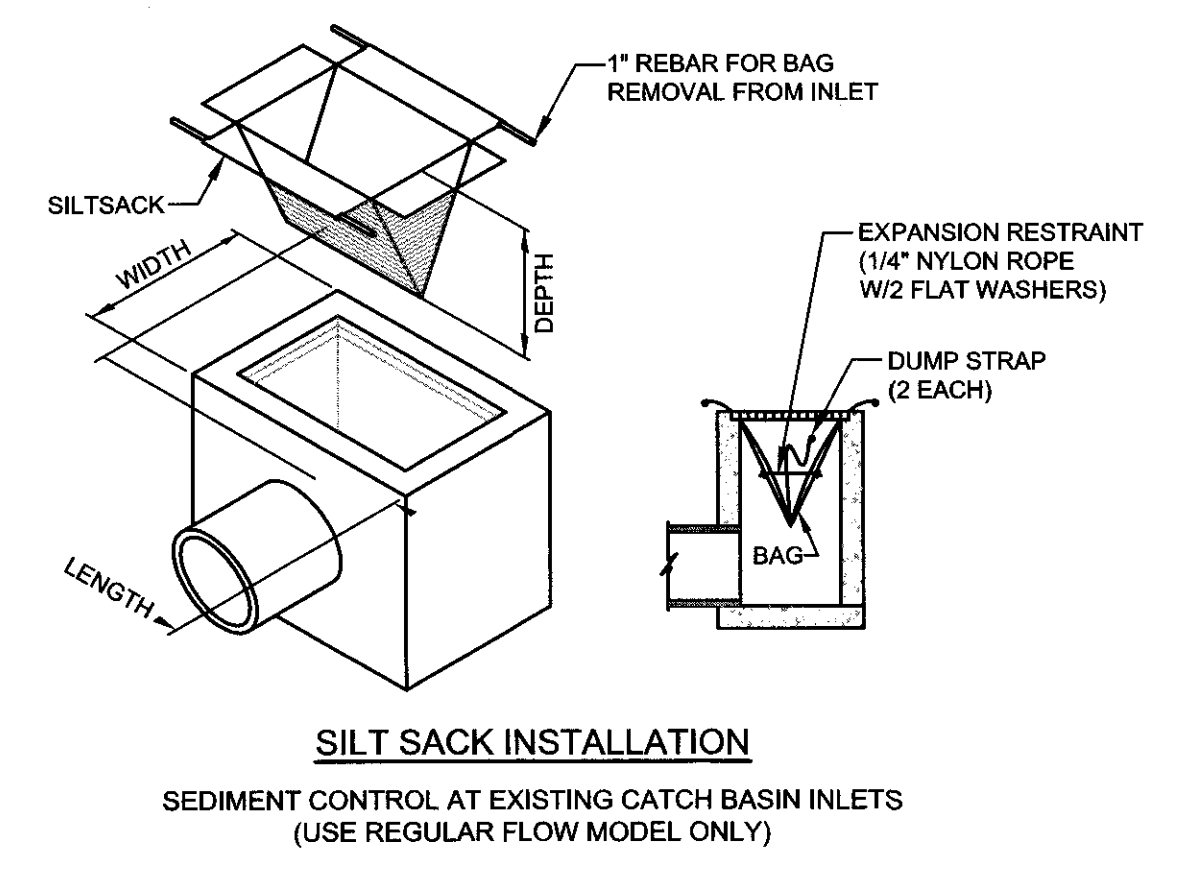
STOCKPILE STABILIZATION
NTS



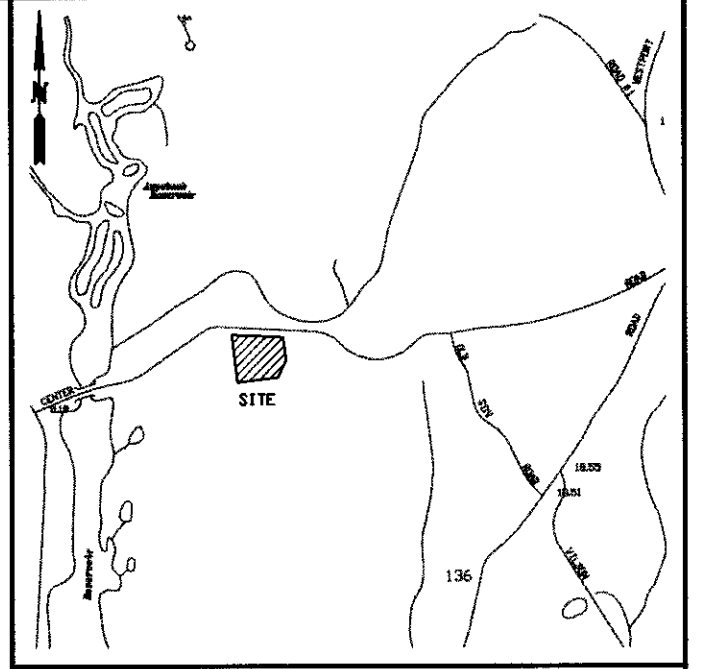
GEOTEXTILE SILT FENCE
NOT TO SCALE



CONSTRUCTION ENTRANCE ANTI TRACKING PAD DETAIL
(NTS)



SILT SACK INSTALLATION
SEDIMENT CONTROL AT EXISTING CATCH BASIN INLETS
(USE REGULAR FLOW MODEL ONLY)



ORIENTATION SCALE: 1" = 1500'

OCHMAN ASSOCIATES, INC.
CONSULTING ENGINEERS & SURVEYORS
P.O. BOX 76
EASTON, CONNECTICUT 06612
PHONE (203) 268-9194

NO.	DATE	REVISION
1.	07-13-21	Health Dept. Comments

CONSTRUCTION NOTES & DETAILS: STORM DRAINAGE AND SOIL EROSION & SEDIMENT CONTROL

- PREPARED FOR -
433 CENTER ROAD LLC
#433 CENTER ROAD
EASTON, CONNECTICUT
ASSESSOR'S MAP 5466 LOT 4B
JUNE 9, 2021

SHEET 4 OF 4

COMMENCE: 03/02/2017	FB: 135	PG: 130
DRAWN BY: MVB	PROJECT NO.:	
CHECKED BY: MAO	DWG NO.L: 24 - 1515	

SCALE: 0 20 40 60
SCALE: 1" = 20'

MARK A. OCHMAN, LICENSE # 24913
Not Valid Without A Live Signature & Embossed Seal