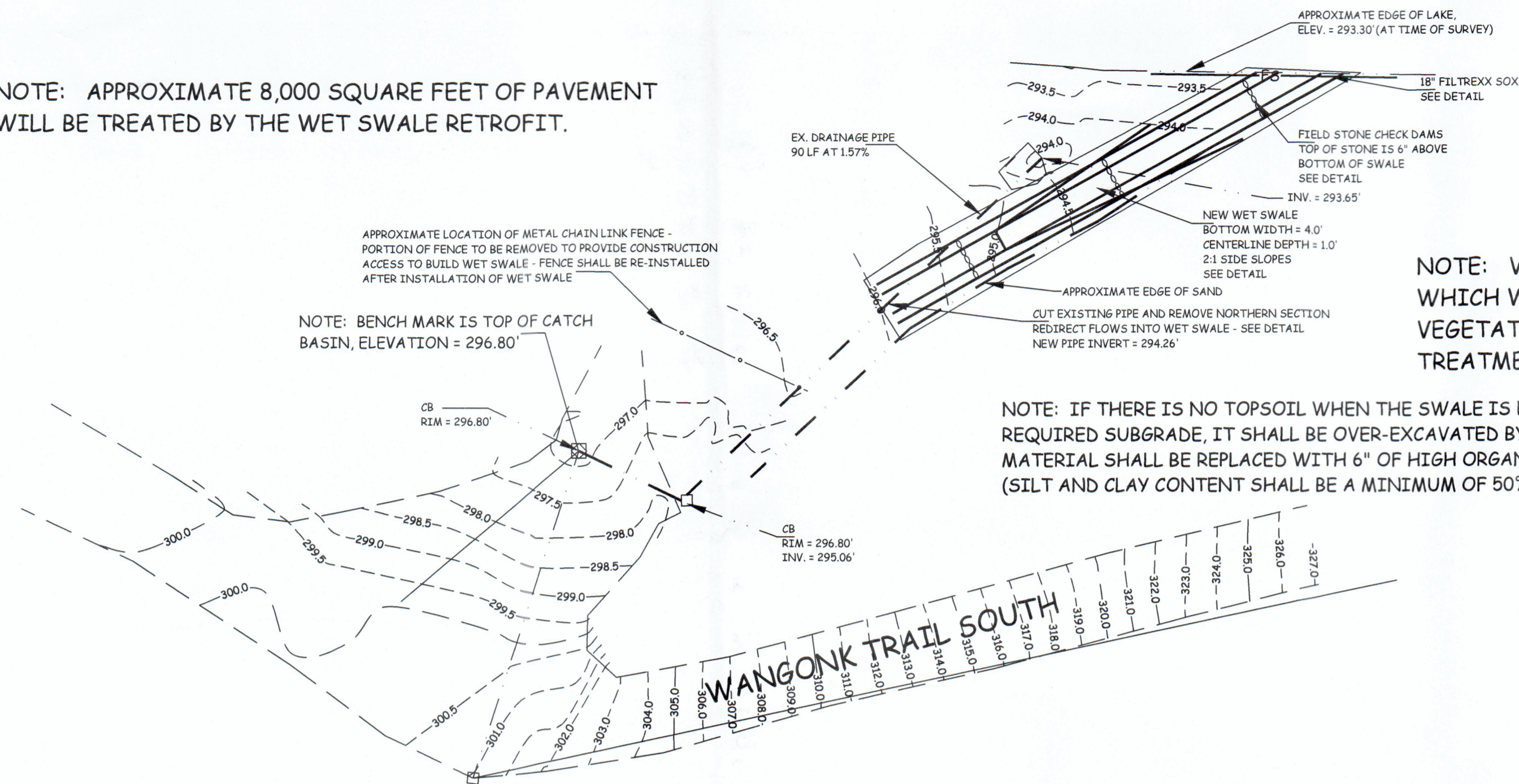


NOTE: APPROXIMATE 8,000 SQUARE FEET OF PAVEMENT WILL BE TREATED BY THE WET SWALE RETROFIT.

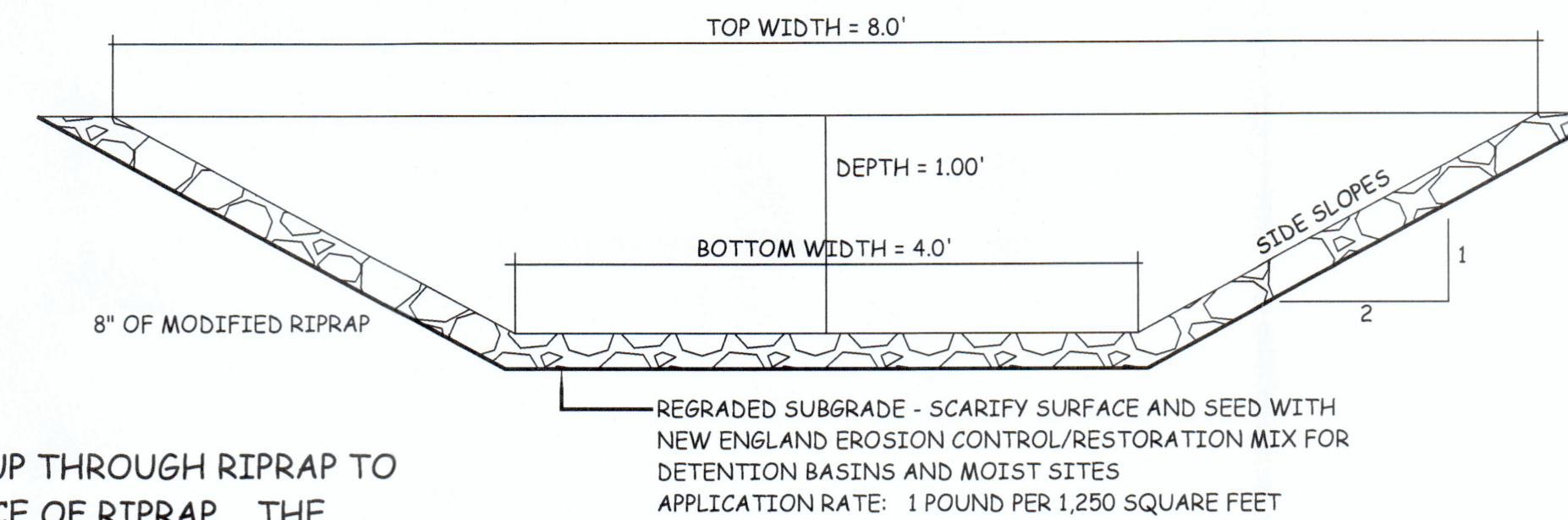


APPROXIMATE LOCATION OF METAL CHAIN LINK FENCE - PORTION OF FENCE TO BE REMOVED TO PROVIDE CONSTRUCTION ACCESS TO BUILD WET SWALE - FENCE SHALL BE RE-INSTALLED AFTER INSTALLATION OF WET SWALE

NOTE: BENCH MARK IS TOP OF CATCH BASIN, ELEVATION = 296.80'

NOTE: IF THERE IS NO TOPSOIL WHEN THE SWALE IS EXCAVATED TO THE REQUIRED SUBGRADE, IT SHALL BE OVER-EXCAVATED BY 6" AND THE EXCAVATED MATERIAL SHALL BE REPLACED WITH 6" OF HIGH ORGANIC CONTENT TOPSOIL (SILT AND CLAY CONTENT SHALL BE A MINIMUM OF 50% OF THE TOPSOIL MATERIAL.)

NOTE: VEGETATION WILL GROW UP THROUGH RIPRAP TO WHICH WILL SOFTEN THE PRESENCE OF RIPRAP. THE VEGETATION WILL ALSO IMPROVE THE WATER QUALITY TREATMENT OF THE RUNOFF



TYPICAL CROSS SECTION OF RIPRAP/VEGETATED SWALE NOT TO SCALE

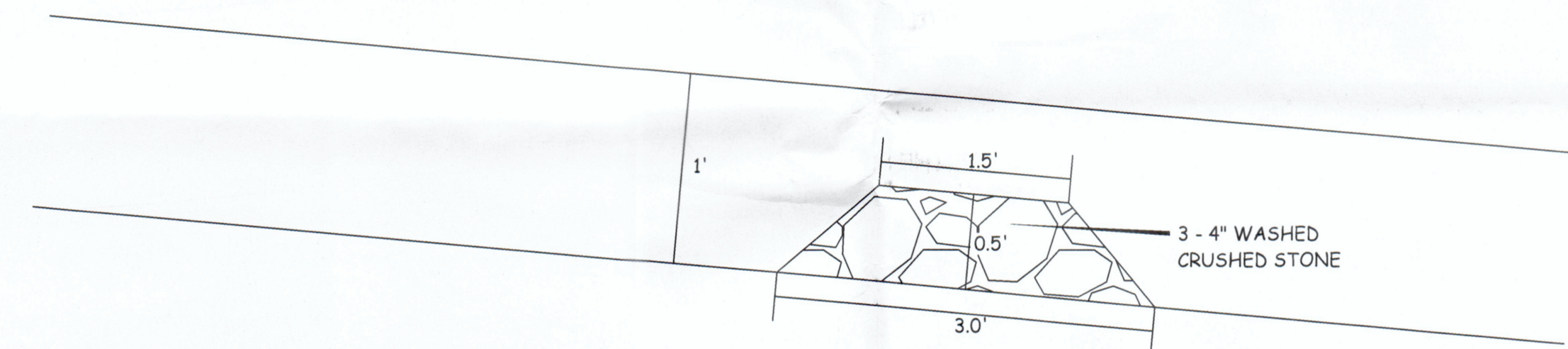
CONSTRUCTION SEQUENCE:

1. UNCOVER NORTHERN SECTION OF DRAINAGE PIPE TO POINT WHERE IT SHALL BE CUT.
2. CUT PIPE AND REMOVE NORTHERN PORTION.
3. INSTALL 18" FILTREXX SOXX IN TWO LOCATIONS SHOWN ON THE PLAN AND IN ACCORD WITH THE DETAIL ON THIS PLAN.
4. USING A HYDRAULIC EXCAVATOR, REMOVE SOIL TO CREATE SUBBASE FOR SWALE (12" BELOW FINISH GRADES SHOWN ON PLAN). SHAPE SIDE SLOPES AND GRADING BEYOND THE LIMIT OF THE SWALE PER THE PLAN.
5. AFTER THIS GRADING HAS BEEN DONE, SCARIFY THE SOIL ON THE BOTTOM AND SIDE SLOPES OF THE SWALE. APPLY SEED MIXTURE FROM NEW ENGLAND WETLAND PLANTS AS SPECIFIED ON THIS PLAN.
6. PLACE MODIFIED RIPRAP BY HAND ON THE BOTTOM OF THE SWALE AND SIDE SLOPES, STARTING AT THE LOWEST END AND WORKING UP TO THE EDGE OF THE FORMER LEVEL SPREADER.
7. AFTER THE RIPRAP HAS BEEN PLACED, THE EXCAVATOR BUCKET SHALL BE USED TO PRESS THE STONES INTO THE SOIL SURFACE.
8. THE SEED MIXTURE SHALL BE WATERED AT THIS TIME TO HELP WITH GERMINATION. THE FILTREXX SOXX SHALL REMAIN IN PLACE UNTIL VEGETATION BECOMES ESTABLISHED WITHIN THE SWALE.
9. ONCE THE VEGETATION HAS BECOME ESTABLISHED IN THE SWALE, THE FILTREXX SOXX AT THE TOP OF THE SWALE SHALL REMOVED SO FLOWS FROM THE FORMER LEVEL SPREADER WILL NOW FLOW DOWN THE NEWLY CREATED SWALE. THE FILTREXX SOXX AT THE BOTTOM OF THE SWALE SHALL REMAIN IN PLACE AS AN ADDITIONAL FILTER AS IT WILL BECOME VEGETATED OVER TIME.

MAINTENANCE REQUIREMENTS:

1. MAINTAIN HEIGHT OF VEGETATION WITHIN RIPRAP SWALE AT 12" TO 18". WEED WACK AS NECESSARY TO MAINTAIN THIS HEIGHT.
2. CUT ALL VEGETATION BACK WITHIN SWALE TO HEIGHT OF 6" ABOVE THE STONE SURFACE AT THE END OF THE NOVEMBER. RAKE CUTTINGS OUT OF SWALE AND PLACE IN ADJACENT UPLAND AREA TO DECOMPOSE.

NOTE: EXISTING TOPOGRAPHIC INFORMATION AND LOCATION OF EXISTING DRAINAGE SYSTEM WAS LOCATED IN THE FIELD BY RKW LAND SURVEYING.



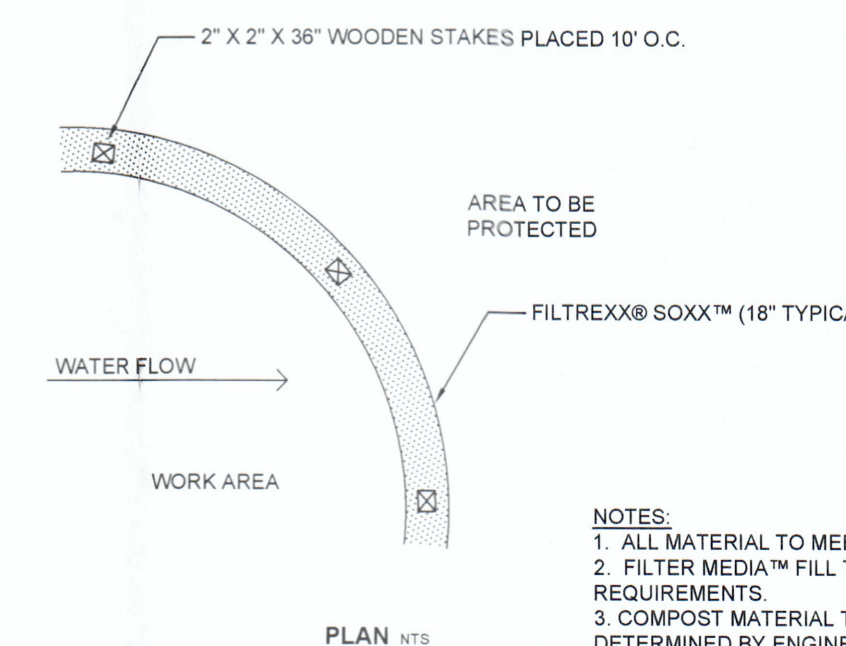
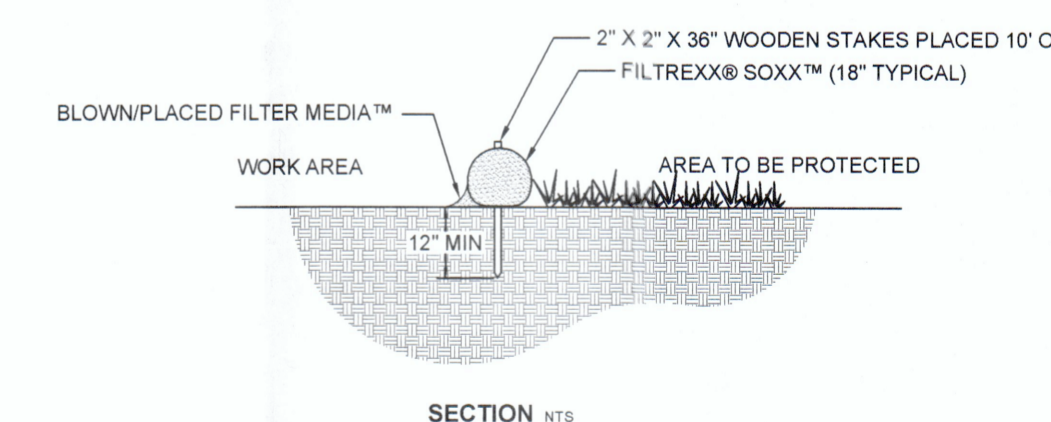
CROSS SECTION OF STONE CHECK DAM IN WET SWALE NOT TO SCALE

New England Erosion Control/Restoration Mix For Detention Basins and Moist Sites

820 WEST STREET, AMHERST, MA 01002
 PHONE: 413-548-8000 FAX 413-549-4000
 EMAIL: INFO@NEWP.COM WEB ADDRESS: WWW.NEWP.COM

- Elymus riparius Riverbank Wild Rye FACW
- Schizachyrium scoparium Little Bluestem FACU
- Festuca rubra Red Fescue FACU
- Andropogon gerardii Big Bluestem FAC
- Panicum virgatum Switch Grass FAC
- Vernonia noveboracensis New York Ironweed FACW+
- Agrostis perennans Upland Bentgrass FACU
- Bidens frondosa Beggar Ticks FACW
- Eupatorium maculatum (Eutrochium maculatum) Spotted Joe Pye Weed OBL
- Eupatorium perfoliatum Boneset FACW
- Aster novae-angliae (Symphyotrichum novae-anglia New England Aster FACW
- Scirpus cyperinus Wool Grass FACW
- Juncus effusus Soft Rush FACW+

The New England Erosion Control/Restoration Mix for Detention Basins and Moist Sites contains a selection of native grasses and wildflowers designed to colonize generally moist, recently disturbed sites where quick growth of vegetation is desired to stabilize the soil surface. It is an appropriate seed mix for ecologically sensitive restorations that require stabilization as well as long-term establishment of native vegetation. This mix is particularly appropriate for detention basins that do not hold standing water. Many of the plants in this mix can tolerate infrequent inundation, but not constant flooding. The mix may be applied by hand, by mechanical spreader, or by hydroseeder. After sowing, lightly rake, roll or cultipack to insure good seed-to-soil contact. Best results are obtained with a Spring or late Summer seeding. Late Fall and Winter dormant seeding requires an increase in the application rate. A light mulching of clean, weed-free straw is recommended



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

FILTREXX® SEDIMENT CONTROL NTS

TRINKAUS ENGINEERING, LLC
 CIVIL ENGINEERS
 114 HUNTERS RIDGE ROAD
 SOUTHURY, CONNECTICUT 06488
 203-264-4558 (phone & fax)
 Email: strinkaus@earthlink.net
 Website: http://www.trinkausengineering.com



STORMWATER RETROFIT

PROJECT #033-2019
 SCALE: 1" = 20'
 DATE: 11/10/19

PREPARED FOR
 TOWN OF EAST HAMPTON
 SOUTH WANGONK TRAIL
 EAST HAMPTON - CONNECTICUT