

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

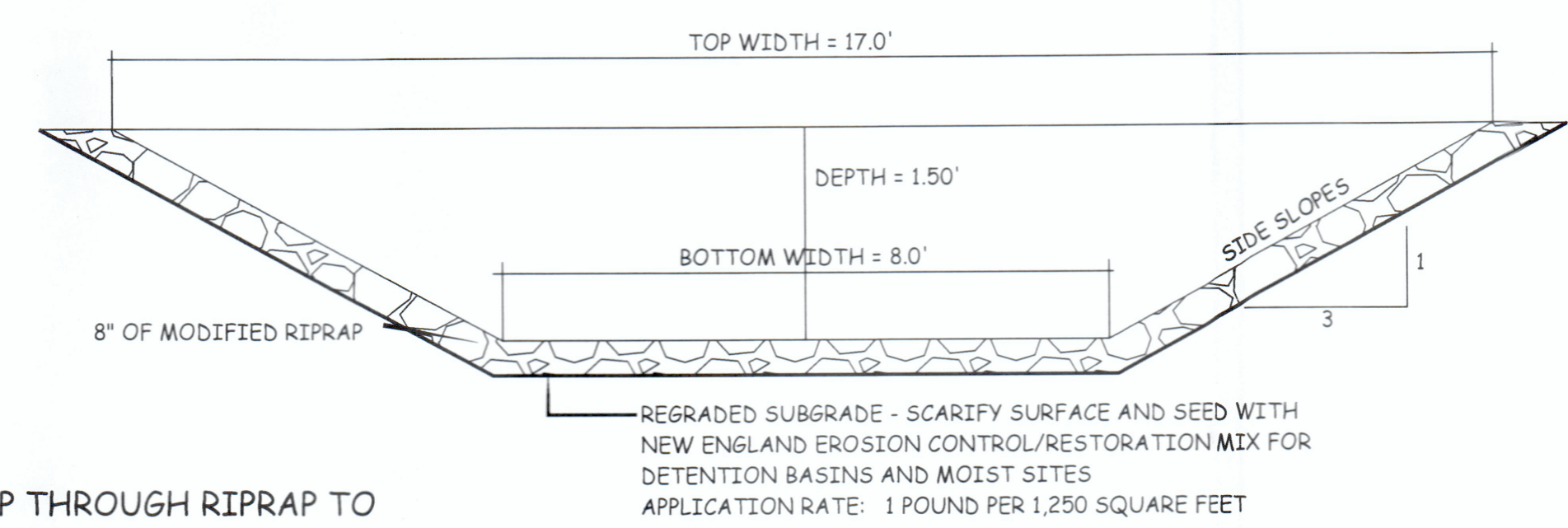
NOTE: EXISTING TOPOGRAPHIC INFORMATION AND LOCATION OF EXISTING DRAINAGE SYSTEM WAS LOCATED IN THE FIELD BY RKW LAND SURVEYING.  
 NOTE: EXISTING DETENTION POND AND LEVEL SPREADER LOCATIONS WERE TAKEN FROM AS-BUILT OF SKYLINE ESTATES ON FILE WITH THE TOWN OF EAST HAMPTON.

PROPOSED RIPRAP/VEGETATED SWALE TO DIRECT RUNOFF FROM DIS-FUNCTIONAL LEVEL SPREADER TO LOWER BASIN  
 BOTTOM WIDTH = 8'  
 DEPTH = 1.5'  
 3:1 SIDE SLOPES

PROPOSED GRADING - DISTURBED AREA OUTSIDE LIMIT OF SWALE SHALL BE SEED WITH PERENNIAL RYE GRASS

18" FILTREXX SOXX SEE DETAIL

NOTE: LIMIT OF CLEARING OF SHRUBS/BRUSH AND HERBACEOUS VEGETATION AND LIMIT OF WORKING AREA FOR CONTRACTOR



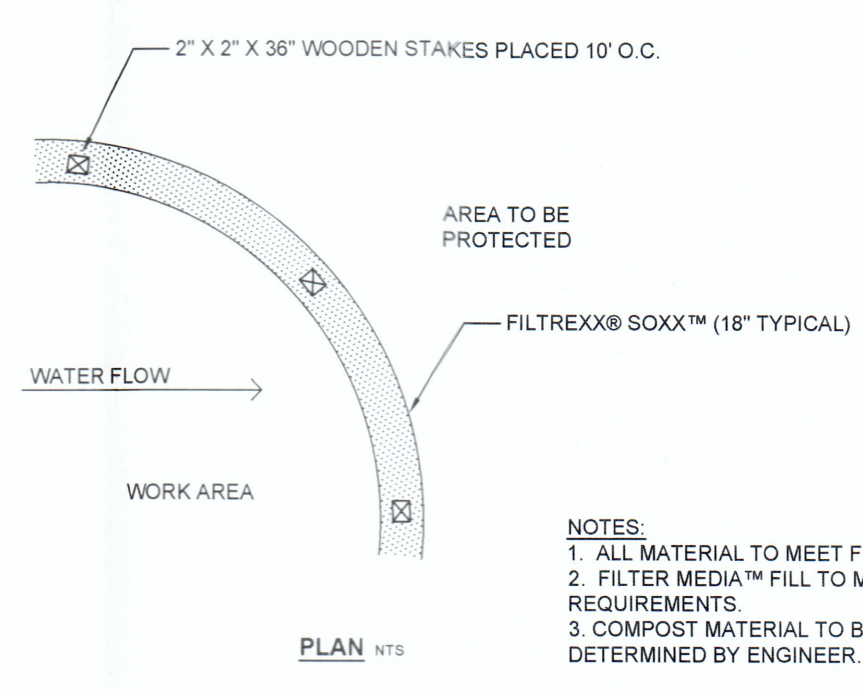
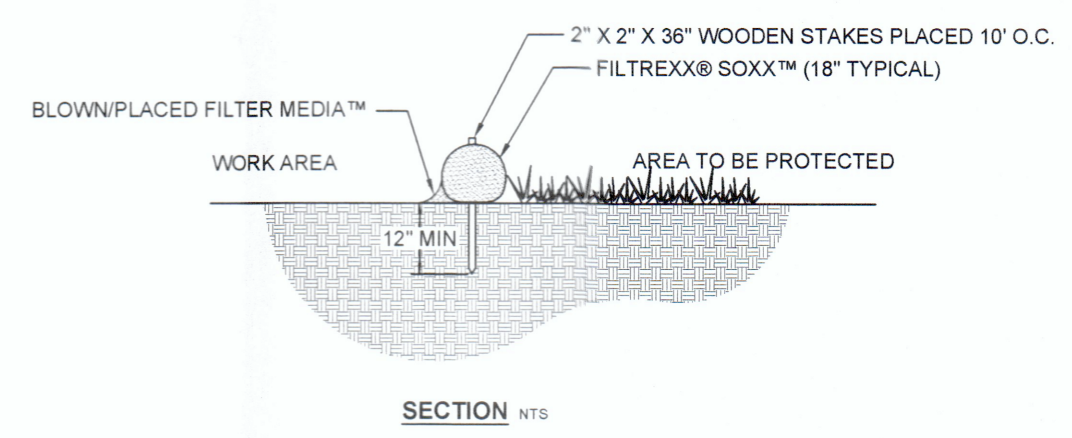
TYPICAL CROSS SECTION OF RIPRAP/VEGETATED SWALE NOT TO SCALE

- CONSTRUCTION SEQUENCE:
1. MARK OUT LIMIT OF CLEARING AS SHOWN ON THE PLAN WITH SURVEY FLAGGING.
  2. MOW HERBACEOUS VEGETATION DOWN TO GROUND SURFACE AND CUT DOWN WOODY SHRUBS AS NEEDED.
  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.

**New England Erosion Control/Restoration Mix For Detention Basins and Moist Sites**  
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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-angliae) 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

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

PREPARED FOR  
 TOWN OF EAST HAMPTON  
 SKYLINE ESTATES - SUNRISE LANE  
 EAST HAMPTON - CONNECTICUT