

DI-I 0 15" (	
U-15" ( 15 99" (	JKAVEL FILL MAIEKIAL
15 - 28" (	JREY BROWN COMPACT SAND AND SILI
28 - 64	3ROWN COARSE SAND AND GRAVEL
DT 9	NO MOTILING, NO WATER, NO LEDGE
DI - 2 0 6" '	TOBSOLI
0 - 0 6 - 21"	RED BROWN SAND AND CRAVEL
21 - 60"	CREV BROWN COMPACT SAND AND SUT
£1 - 00 60 - 80"	LICHT BROWN SAND
00 - 00	NO MOTTLING NO WATER NO LEDGE
DT - 3	NO MOTILING, NO WATER, NO LEDGE
0 - 10"	TOPSOLL
10 - 38"	YELLOW BROWN FINE SANDY LOAM
38 - 60"	GREY BROWN MEDILIM COMPACT SILTY SAND
60 - 75"	LIGHT BROWN MEDIUM SAND
	NO MOTTLING, NO WATER, NO LEDGE
DT - 4	., ,
0 - 10"	TOPSOIL
10 - 26"	YELLOW BROWN FINE SANDY LOAM
26 - 73"	BROWN SAND AND GRAVEL
	NO MOTTLING, NO WATER, NO LEDGE
DT - 5	
0 - 2"	TOPSOIL
2 - 36"	BRIGHT BROWN SAND AND GRAVEL
	NO MOTTLING, NO WATER, NO LEDGE
DT - 6	
0 - 22"	TOPSOIL/COMMON FILL
22 - 43"	YELLOW BROWN FINE SANDY LOAM, SOME SILT
43 - 65"	BROWN COARSE SAND
	NO MOTTLING, WATER AT 50", NO LEDGE
DT - 7	
0 - 22"	TOPSOIL/COMMON FILL
22 - 40"	YELLOW BROWN FINE SANDY LOAM, SOME SILT
40 - 65"	BROWN COARSE SAND
<b>DT</b>	NO MOTTLING, WATER AT 50", NO LEDGE
DT - 8	TORONI
0 - 10"	TOPSOIL
10 - 26"	YELLOW BROWN FINE SAND AND SILT
26 - 65"	BROWN COARSE SAND AND GRAVEL





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CONSTRUCTION SEQUENCE FOR LOW BIOSWALE IN PARKING AREA

1. The Filtrexx Soxx shall be installed both upgradient and downgradient of the proposed Bioswale as shown on the plan. The Filtrexx Soxx shall be installed in accordance with the manufacturer's specifications and the detail shown on these plans.

2. The Bioswale sections and filter strip shall be graded per the information found on this plan. The area of the Filter Strip and the side slopes of the Bioswale shall be over-excavated by 4" for the placement of topsoil in these areas. The bottom of the Bioswale shall be over-excavated by 12" for the placement of the Bioretention Soil Media specified on this plan.

3. Prior to the placement of the Bioretention Soil Media and then the topsoil, the bottom and side walls of the excavation shall be scarified by using a metal garden rake to remove any smeared soil from these surfaces. Any soil loosened by this procedure shall be removed from the area of excavation.

4. The Soil Media for the Bioswale shall be installed after it has been pre-mixed by the contractor. It shall be lightly compacted by using the bucket of a mini-excavator.

5. Topsoil shall be placed on the side slopes of the Bioswale and in the grass filter strip. It shall also be lightly compacted using the bucket of a mini-excavator.

6. The Bioswale shall be seeded using one of the seed mixtures specified on this plan. The Town of East Hampton shall specify which soil mix they want to use. After the placement of the seed mix, a layer of shredded straw mulch shall be placed over the Bioswale and Filter Strip and then the area shall be watered as needed to ensure germination of the seed mixture.

7. The Filtrexx Soxx shall remain in place until vegetative cover has been established. The upper Filtrexx Soxx shall be moved slightly downhill to the upper limit of the Filter Strip to facilitate the grading of the parking area.

CONSTRUCTION SEQUENCE FOR PARKING AREA (standard asphalt and PVC permeable pavers) 1. The entire parking lot including those area to be bituminous concrete and PVC paver shall be graded to the required subgrade elevation.

2. Gravel for the subbase of the area of the bituminous concrete shall be brought to the site and placed per the plan. The gravel subbase shall be compacted to 95% Proctor Density for the material.

3. The bituminous concrete base course shall be placed, and compacted by mechanical means.

4. Prior to the placement of the finish course of the PVC paver systems shall be installed as stated below. CONSTRUCTION SEQUENCE FOR PVC pavers 1. The bottom and sidewalls of the excavation for the PVC pavers shall be scarified by a mini-excavator and/or

metal garden rake. The loose materials shall be removed and placed outside the area of the excavation. This material can be used to improve the existing berm as shown on the plan.

2. The gravel layers shall be placed for the PVC pavers from outside the limit of the excavation. The gravel shall be spread by the bucket of the excavator and leveled by hand. After the gravel has been spread, a walk behind mechanical tamper shall be used to lightly compact the base gravel layer prior to the placement of the upper layer of gravel.

3. The upper layer of gravel shall be placed in the same manner as the bottom layer of gravel. Again, the material shall be lightly compacted.

4. The PVC paver units shall be placed and the ground stakes shall be installed to hold the paver grids in place. The contractor shall follow the Installation Guide for this type of system found on the website link provided on this page.

5. After the paver units have been placed, they shall be filled with clean pea gravel. Striping for parking spaces shall be painted on the pavers and gravel. Each stripe shall be 4" in width for the entire length of the parking space.

CONSTRUCTION SEQUENCE FOR BIORETENTION SYSTEM #1 AND ASSOCIATED DRAINS AND SWALES 1. Plants in the existing rain garden shall be removed intact and temporarily placed near the existing shed for reuse. 2. The area of the new Bioretention system shall be excavated to the required subgrade as shown on detail for this system

3. It is imperative that the bottom of the excavation is intercepting the native layer of soil and gravel encountered in DT - 1. Once the excavation has been done, the bottom and sidewalls of the excavation shall be scarified by the teeth on a mini-excavator or metal garden rake. Loose material shall be removed from this area and can be used for grading elsewhere on the site.

4. The PVC overflow pipes shall be installed per the plan and detail. The overflow pipe shall be connected to the existing catch basin as shown.

5. After the installation of the PVC pipes, the soil media for the Bioretention system shall be placed by an excavator located outside the Bioretention cell. The material shall be raked level. It shall be seed with either one of the seed mixtures shown on this plan. After seeding, the area shall be covered with shredded straw mulch and watered as necessary for germination of the seeds.

6. The curtain drain to be constructed at the north end of the Basketball courts shall be installed in accordance with the approved plans. It shall be connected to the Bioretention system as shown and the outlet protection at the end of the pipe shall also be installed.

7. A small section of 12" Filtrexx Soxx shall be installed at the bottom of the proposed riprap swale at the Bioretention system.

8. The parabolic riprap swale from the corner of the tennis court to the Bioretention shall be installed in accordance with the plan and detail. The Filtrexx Soxx shall remain in place until the vegetation has become established in the system. The plants removed from the old rain garden shall be replanted on either berm or the regraded slope on the high side of the Bioretention system.

CONSTRUCTION SEQUENCE FOR BIORETENTION SYSTEM #2 AND ASSOCIATED DRAINS AND SWALES 1. Install 12" Filtrexx Soxx below Bioretention System #2 and 6" Filtrexx Soxx at edge of pavement in corner of parking area and at low point on left hand side of driveway.

2. Excavate Bioretention system using excavator from outside the limits of the Bioretention system to the required subgrade elevation.

3. After the required subgrade has been reached, the bottom and side walls of the excavation shall be scarified using the excavator or metal garden rake. The loose material shall be removed from the area of the Bioretention system. 4. The Soil Media shall be placed and rake level to the maximum extent practical. The soil shall seeded with one of the seed mixtures specified on the plan. The Town of East Hampton shall determine the seed mixture to be used. After seeding, it shall be covered with shredded straw mulch.

4. The grass swale from the end of the Bioretention system to the low point on the edge of the driveway and in accord with the detail on the plan. The grass swale shall be seeded with a perennial rye grass. The seed shall be covered with a shredded straw mulch.

5. The riprap swale from the corner of the parking area shall be constructed per the detail shown on the plan. The 6" Filtrexx Soxx shall remain in place at the edge of the parking area until vegetation has been established in the Bioretention System.

Note: Boundary survey data taken from mapping by CLA. Field topographic information by RKW Land Surveying.

NOTE: REFERENCE IS MADE TO SITE PLAN PREPARED BY ANCHOR ENGINEERING FOR MORE INFORMATION ON PARKING LAYOUT AND SPECIFICATIONS FOR PAVED PARKING AREA, BITUMINOUS CURBING AND LANDSCAPING. OPEN CELL PVC PAVERS AREAS SHALL BE FILLED WITH

3/8" WASHED CRUSHED STONE (PEA GRAVEL) Coord Coord Country Control Country Coord Country Coord Country Coord Country Coord 4" layer of 1-1/4" Washed Crushed Stone

INITIAL MAINTENANCE REQUIREMENTS FOR BIOSWALE & GRASS SWALES:

