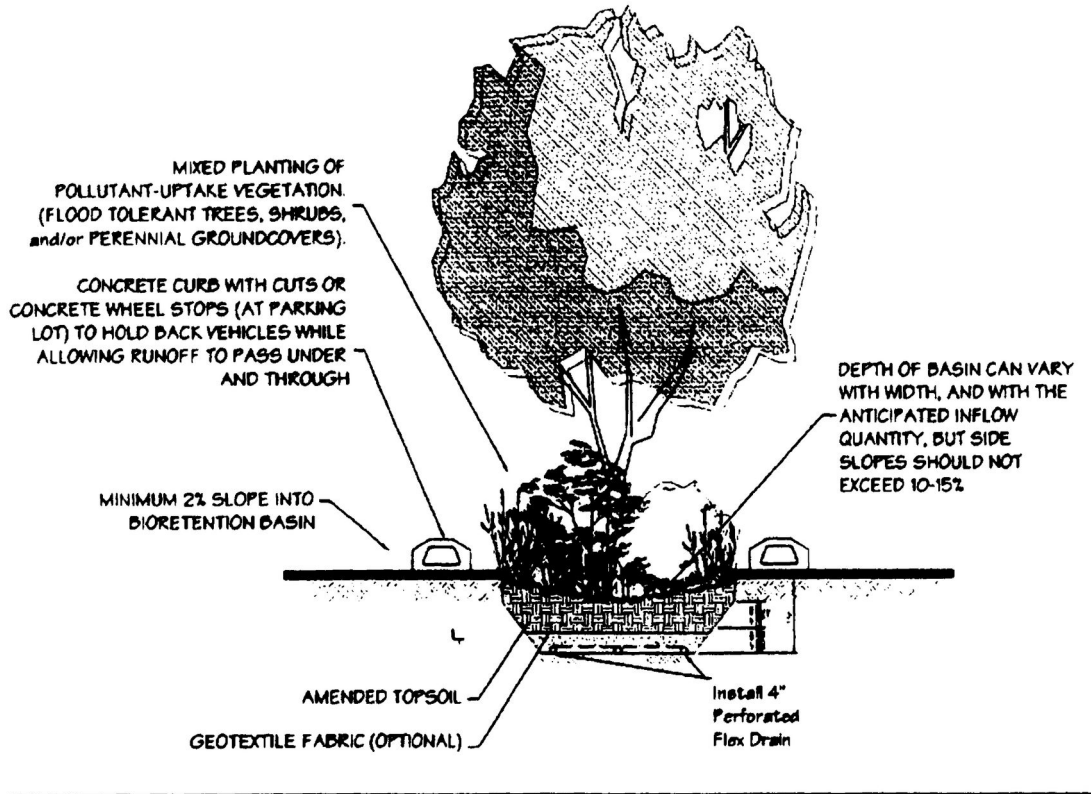


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Figure 1: Parking Island Bioretention Cell Cross Section

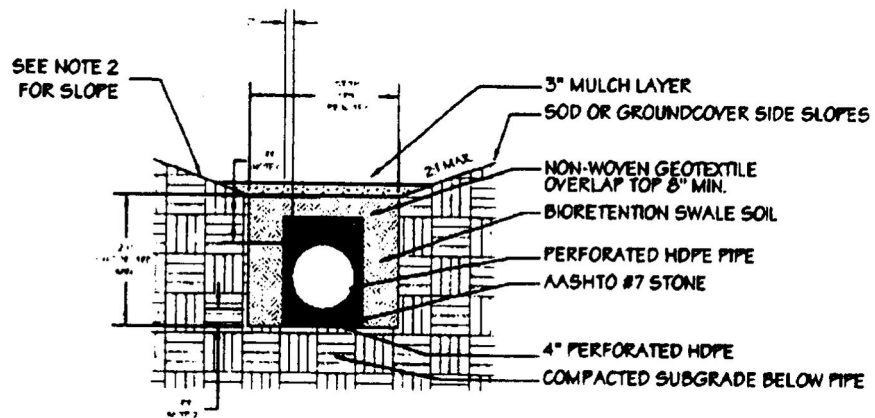


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**Figure 2: Bioretention Swale Cross Section**



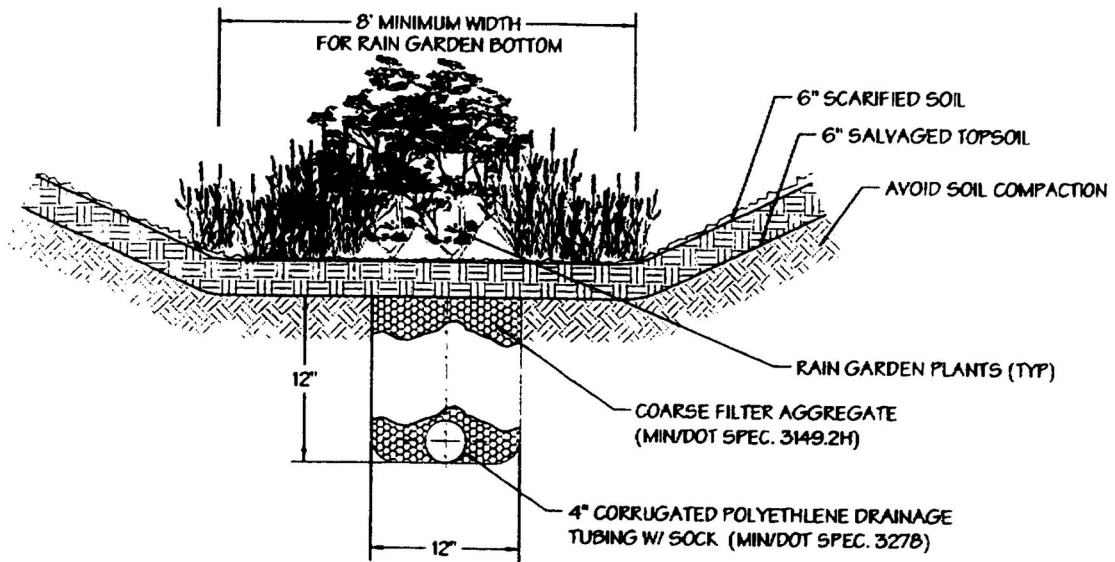
- 1.) REFER TO ASTM/AASHTO SPECIFICATION OR MANUFACTURERS RECOMMENDATION FOR BEDDING DEPTH AND MATERIALS
- 2.) ROADSIDE SLOPE AND LENGTH SHOULD CONFORM TO AASHTO OR LOCAL STANDARDS.
- 3.) PONDING DEPTH IN SWALE SHOULD BE BELOW ROAD EDGE DRAINS OR SUBBASE.
- 4.) HDPE PIPE IS USED FOR ALTERNATIVE DETENTION STORAGE AND INFILTRATION INTO BIORETENTION SOIL. STANDARD FOUR OR SIX INCH HDPE UNDERDRAIN CAN BE USED IF ADDITIONAL STORAGE IS NOT REQUIRED.
- 5.) REFER TO TRENCH WIDTH PER MANUFACTURER FOR MINIMUM SIZE AND RIGHT OF WAY WIDTH
- 6.) SEE NJ STORMWATER BMP FOR TRENCH DEPTH INFORMATION.
- 7.) TIE PERFORATED PIPE INTO YARD INLETS TO CONTROL INFLOW AND PONDING. LAY PIPE ON MINIMUM SLOPE FOR CONVEYANCE OF PEAK DESIGN STORM.

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Figure 3: Rain Garden Cross Section

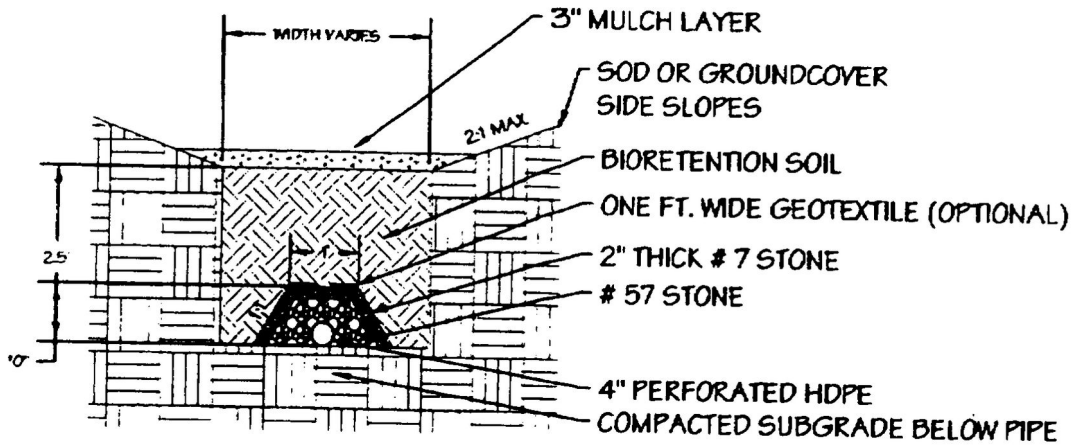


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Figure 4: Bioretention Cell Cross Section

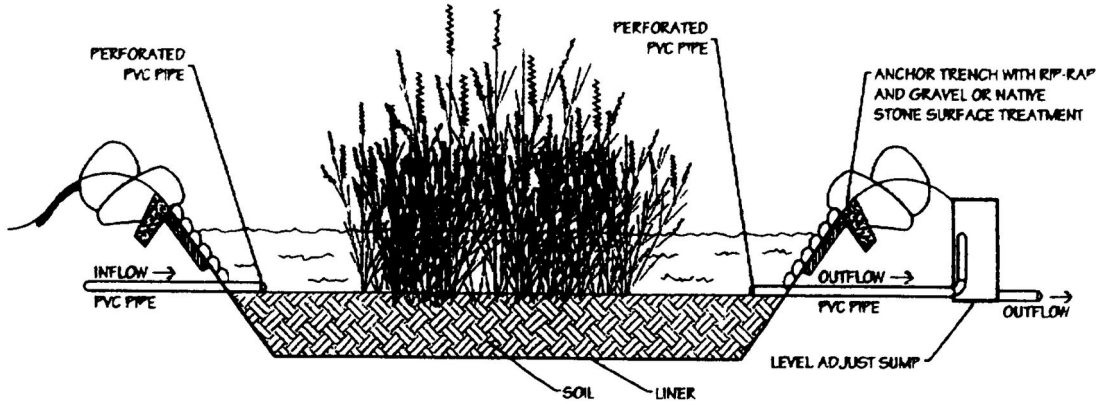


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**Figure 5: Constructed Wetland – Free Water Surface**

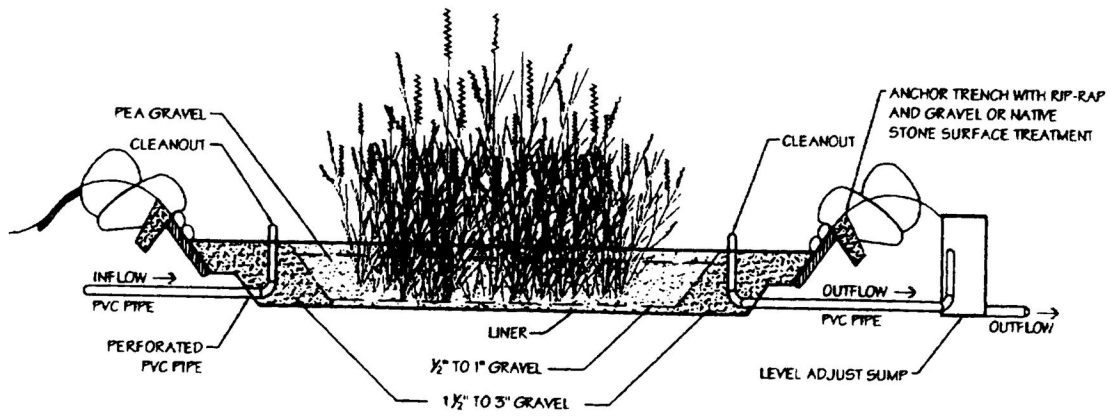


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**Figure 6: Constructed Wetland – Subsurface Water Flow**

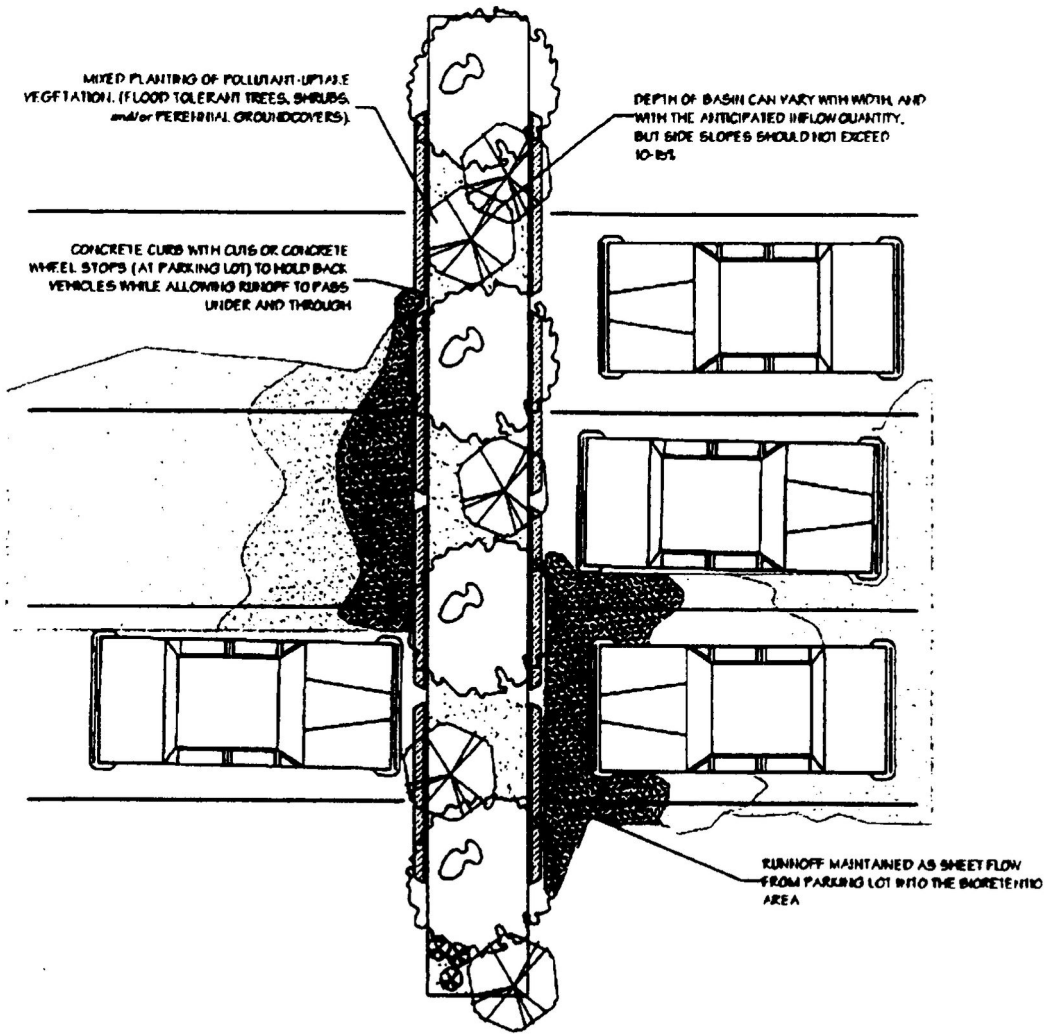


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**Figure 7: Bioretention Cell at Parking Lot with Curb Cuts**

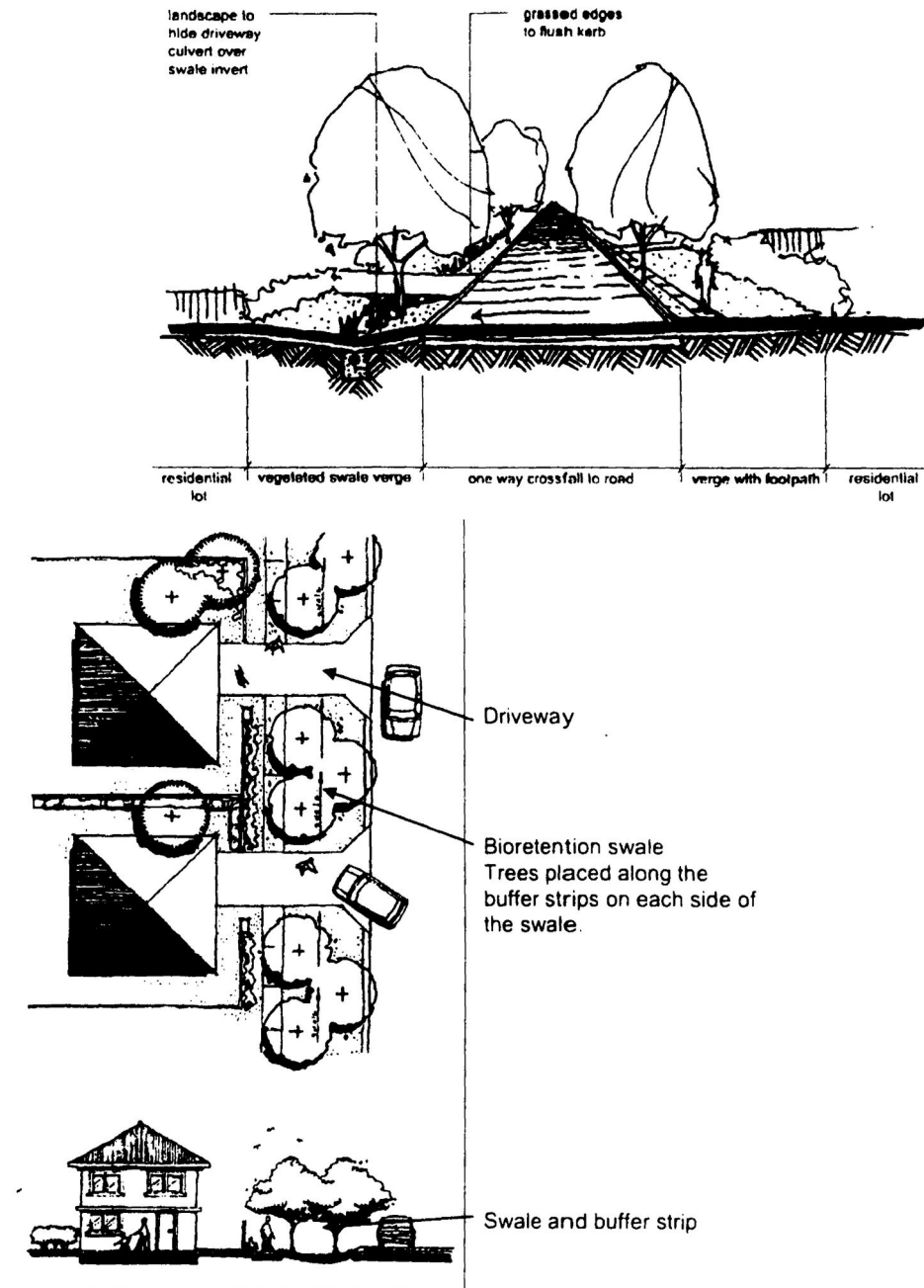


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Figure 8: Bioretention Swale Along Street



Source: Healthy Cities

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Figure 9: Constructed Wetland Basin

