

Mulch should be placed to a uniform thickness of 2 to 3 inches. Root stock of the plant material shall be kept moist during transport and on-site storage. The plant root ball should be planted so that 1/8th of the ball is above final grade surface. The diameter of the planting pit should be at least six inches larger than the diameter of the planting ball. Set and maintain the plant straight (upright) during the planting process. Thoroughly water ground bed cover after installation.

Trees shall be braced using 2" by 2" stakes only as necessary and for the first growing season only. Stakes are to be equally spaced on the outside of the tree ball.

Grasses and legume seed should be drilled into the soil to a depth of at least one inch. Grass and legume plugs shall be planted following the non-grass ground cover specifications.

The topsoil specifications provide enough organic material to adequately supply nutrients from natural cycling. The primary function of the raingarden is to improve water quality. Adding fertilizers defeats, or at a minimum, impedes this goal. Only add fertilizer if wood chips or mulch is used to amend the soil.

### E. PLANTING GUIDANCE

Plant material selection should be based on the goal of simulating a terrestrial community of native species but may be tailored to various gardening themes. Raingardens simulate upland-species ecosystems that are dominated by shrubs and herbaceous materials but may also contain trees. By creating a diverse, dense plant cover, the raingarden will be able to treat stormwater runoff and withstand urban stresses from insects, disease, drought, temperature, wind, and exposure.

- 5. Mulch the surface
- 6. Water and fertilize

### RAIN GARDENS

#### MAINTENANCE SCHEDULE

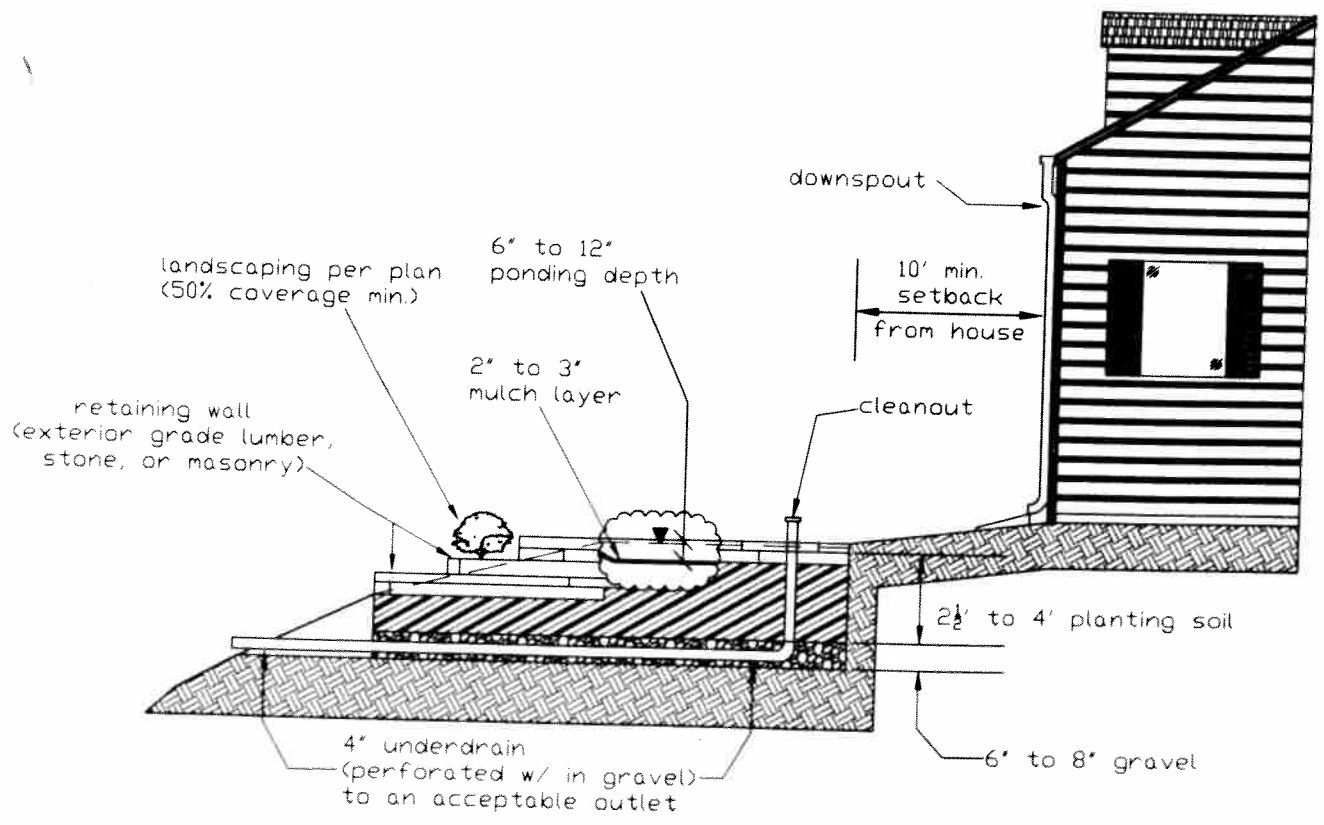
All rain gardens shall be observed for proper operation on a periodic basis as follows:

Monthly—Inspection for soil erosion

Quarterly—Inspection drain if used)

Spring & Fall—Inspection cover, and dead or vegetation

Quarterly—Inspection of sediment accumulation



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### RAINGARDEN

TERRACED RAINGARDEN	
TYPICAL SECTION VIEWS	RG-S