

## Engineered Soil Mix

The compost component must be processed from yard waste in accordance with MassDEP Guidelines (see http://www.mass.gov/dep/recycle/reduce/leafguid.doc). The compost shall not contain biosolids.

Vegetation

Swamp Dogwood Cornus amomum 2 ft
Arrow-wood Viburnium dentatum 2 ft
Speckled Alder Alnus incana 2ft
Swich Grass Panicum virgatum 1 Gallon

**Bioretention Maintenance Schedule** 

Activity Time of Year Frequency
Inspect & remove trash Monthly
Mulch Spring Annually

Remove dead vegetation Replace dead vegetation Prune Spring or Fall Frequency
Monthly
Annually
Fall or Spring Annually
Spring Annually
Annually

The soil mix for bioretention areas should be a mixture of sand compost and soil.

40 % sand, 20-30% topsoil, and 30-40% compost.

U.S. No. 200 0-3

The sand component should be gravelly sand that meets ASTM D 422.
Sieve Size Percent Passing
2-inch 100
%-inch 70-100
%-inch 50-80
U.S. No. 40 15-40

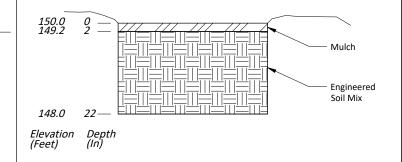
The topsoil component shall be a sandy loam, loamy sand or loam texture.

## Plant Schedule

Symbol	Common Name	Latin Name	Size	Quantity
⊗	Silky Dogwood	Cornus amomum	3-4 Ft	13
(5.3)	Arrow-wood	Viburnium dentatum	3-4 Ft	8
	Speckled Alder	Alnus incana	18-24 In	13
×	Switch Grass	Panicum vergatum	18-24 In	23

Seed with New England Wet Mix at 1 lb./2500 sq. ft (0.5 lbs) Mulch shrubs to 3 ft in diameter or use coco tree mats.

## Cross-Section Rain Garden



Rain Garden