



5 Wetlands
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1183 Main Street
Weymouth, MA

Rev	Description	Date
1		4/5/21
2	Increased Rain Garden	6/1/21

Notes:

Rain Garden

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	Viburnum dentatum	2 ft
Speckled Alder	Alnus incana	2ft
Switch Grass	Panicum virgatum	1 Gallon

Bioretention Maintenance Schedule		
Activity	Time of Year	Frequency
Inspect & remove trash		Monthly
Mulch	Spring	Annually
Remove dead vegetation		Fall or Spring Annually
Replace dead vegetation		Spring Annually
Prune	Spring or Fall	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.

The sand component should be gravelly sand that meets ASTM D 422.
Sieve Size Percent Passing
2-inch 100
¾-inch 70-100
¼-inch 50-80
U.S. No. 40 15-40
U.S. No. 200 0-3

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	18-24 In	16
	Arrow-wood	Viburnum dentatum	18-24 In	8
	Speckled Alder	Alnus incana	18-24 In	10
	Switch Grass	Panicum vergatum	18-24 In	33

Cross-Section Rain Garden

