

**PLANTING SCHEMATIC FOR
TREE REMOVAL MITIGATION
140 DARTMOUTH STREET, NEWTON**

PREPARED BY ECOTEC, INC.
October 21, 2024

Stratum; Species; Size; Spacing	Caliper/ Height	Number	Total Caliper
Saplings			
W Eastern White Pine (<i>Pinus strobus</i>)	6"	9	54
B American Beech (<i>Fagus grandifolia</i>)	2"	4	8
F Balsam Fir (<i>Abies balsamea</i>) or	3"	4	12
C Atlantic White Cedar (<i>Chamaecyparis thyoides</i>)	3"	4	12
L Eastern Larch/Tamarack (<i>Larix laricina</i>) and/or Black Spruce (<i>Picea mariana</i>)	3"	4	12
O Swamp White Oak (<i>Quercus bicolor</i>) and/or Pin Oak (<i>Quercus palustris</i>)	2.5"	4	10
M Red Maple (<i>Acer rubrum</i>) and/or Silver Maple (<i>Acer saccharum</i>)	2.5"	4	10
		33	118
Shrubs			
a Speckled Alder (<i>Alnus incana/rugosa</i>)	3-4'	8	-
d Silky Dogwood (<i>Cornus amomum</i>)	3-4'	8	-
b Common Buttonbush (<i>Cephalanthus occidentalis</i>)	3-4'	8	-
w Common Winterberry (<i>Ilex verticillata</i>)	3-4'	8	-
r Red-osier Dogwood (<i>Cornus sericea</i>)	3-4'	8	-
h Highbush Blueberry (<i>Vaccinium corymbosum</i>)	3-4'	8	-
g Gray Dogwood (<i>Cornus racemosa</i>)	3-4'	8	-
p Sweet Pepper-bush (<i>Clethra alnifolia</i>)	3-4'	8	-
		64	-
Herbaceous			
New England Wildflower Mix (overseeded in areas between planting areas)		4 Pounds	-

- The plantings are proposed in the wetland lawn and are concentrated in an area along the southern (rear) edge of the lawn, along the eastern property line, and in habitat islands within the wetland lawn. These plantings are intended to meet the Tree Ordinance as well as the Commission's Planting Policy.
- Invasive woody vines and shrubs (i.e., oriental bittersweet, Norway maple, glossy and common buckthorn, Japanese barberry, European privet, and bush honeysuckle in the area will be cut and blotted with glyphosate or triclopyr in the late summer/early fall. Such invasives species treatment will continue through the two-year monitoring period and will be detailed in the annual monitoring reports.
- The plantings and the invasives species work will be overseen by a qualified wetland scientist.
- Plant substitutions are subject to approval by Conservation Staff.
- Plants must be natives; cultivars and varieties will not be accepted.
- All excess soil must be removed and disposed of off-site.
- After plantings, the saplings and shrubs will be mulched with salt marsh hay.
- The plants must be watered in well and watered periodically until they are established.
- The planted materials will not be mulched with leaf compost, wood chips, or bark mulch.



Note: The locations of the individual saplings and shrubs are shown for permitting and review purposes; the locations of the plantings in the field will be based on this plan subject to the discretion of the overseeing wetland scientist.