

BUFFER ZONE MITIGATION PLANTING PALETTE

Approximately 500 square feet of proposed addition and patio within the 100-foot buffer zone. Using a 2 to 1 ratio for mitigation versus the project area within the buffer zone, requires 1,000 square feet of mitigation planting area. Using saplings spaced 15 feet on center and shrubs 8 feet on center, requires at least 5 saplings and 18 shrubs to vegetate an area of 1,000 square feet. Therefore, the following saplings and shrubs are proposed for planting within the inner buffer zone area of the fenced in yard. These native plantings will be interplanted within the existing lawn area to provide a better vegetated buffer zone than currently exists at the site.

Proposed Mitigation Plants:

TREES SPECIES	SIZE (height)	NUMBER
Musclewood (<i>Carpinus caroliniana</i>)	5 to 6 feet	2
American Holly (<i>Ilex opaca</i>)	5 to 6 feet	3
Total		5

SHRUBS SPECIES	SIZE (height)	NUMBER
Mountain Laurel (<i>Kalmia latifolia</i>)	2 feet	4
Spicebush (<i>Lindera benzoin</i>)	2 feet	4
Witch Hazel (<i>Hamamelis virginiana</i>)	2 feet	4
Rosebay Rhododendron (<i>Rhododendron maximum</i>)	2 feet	3
Highbush Blueberry (<i>Vaccinium corymbosum</i>)	2 feet	3
Total		18

Mitigation Tasks:

1. Remove/grub out turf from the proposed planting location.
2. Hand plant the native saplings and shrubs. Upon planting, the root balls of saplings and shrubs should be mulched with natural wood chips.
3. Upon completion of planting, prepare and submit a Mitigation Planting Completion Report.
4. Prepare and submit monitoring reports per the requirements of the Conservation Commission.