

Matthew S. Marro Environmental Consulting
Old Bedford Road
January 27, 2020
Planting Plan

The flowing planting plan assumes at 630 square foot area as outlined on the plan entitled “Notice of Intent Plan” dated January 25, 2020. This 630 square foot section is assumed to be 30 feet long by 21 feet in width. All plants to be utilized are native. As the proposed garage is proposed to be placed on lawn, the proposed enhancement as outlined in the referenced plan, is designed to allow sheet flow coming off of the dirt portion of the common drive off Old Bedford. This area is closer to the stream and the direction of flow will make this section of stream the most vulnerable. This vegetative buffer is proposed to cleanse sheet flow.

The proposal for the planting plan is to plant the following:

1. A Meadow Seed Mix enclosed in the following page.
2. High Bush Blueberry planted adjacent to the wetland resource area to provide a shrub buffer compatible with the edge of wetland.

Based on the density required by the Concord Natural Resource department, it is assumed a triangular planting regimen with shrubs planted 5 feet off center.

For the 630 square feet the following is proposed:

1. 3 Blueberry Bushes along the adjacent edge of wetland.
2. A total groundcover for the remainder of the 630 sq. ft. that will promote a biodiversity lacking in a manicured lawn.

The plantings will commence from the edge of the designated restoration area. The mix of plantings was calculated based on the planting offsets cited above.

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Planting list for Old Bedford Road
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New England Conservation/Wildlife Mixⁱ

Botanical Name	Common Name	Indicator
<i>Elymus virginicus</i>	Virginia Wild Rye	FACW-
<i>Schizachyrium scoparium</i>	Little Bluestem	FACU
<i>Andropogon gerardii</i>	Big Bluestem	FAC
<i>Festuca rubra</i>	Red Fescue	FACU
<i>Sorghastrum nutans</i>	Indian Grass	UPL
<i>Panicum virgatum</i>	Switch Grass	FAC
<i>Chamaecrista fasciculata</i>	Partridge Pea	FACU
<i>Desmodium canadense</i>	Showy Tick Trefoil	FAC
<i>Asclepias tuberosa</i>	Butterfly Milkweed	NI
<i>Bidens frondosa</i>	Beggar Ticks	FACW
<i>Eupatorium purpureum (Eutrochium maculatum)</i>	Purple Joe Pye Weed	FAC
<i>Rudbeckia hirta</i>	Black Eyed Susan	FACU-
<i>Aster pilosus (Symphyotrichum pilosum)</i>	Heath (or Hairy) Aster	UPL
<i>Solidago juncea</i>	Early Goldenrod	

The New England Conservation/Wildlife Mix provides a permanent cover of grasses, wildflowers, and legumes for both good erosion control and wildlife habitat value. The mix is designed to be a no maintenance seeding, and is appropriate for cut and fill slopes, detention basin side slopes, and disturbed areas adjacent to commercial and residential projects.

ⁱ Mix list and narrative generated by New England Wetland Plants, Inc. Amherst, MA.