



Mitigation Planting Plan

for
72 Wayside Inn Road
Sudbury, MA

DATE:

June 10, 2024

ADDRESSED TO:

Sudbury Conservation Commission
275 Old Lancaster Road
Sudbury, MA 01776

PREPARED BY:

Goddard Consulting LLC
291 Main Street, Suite 8
Northborough, MA 01532

A. EXISTING AND PROPOSED CONDITIONS

The project site is the location of the historical Wayside Inn. The proposed work of a three-season porch is proposed to occur within existing lawn and adjacent to the existing building more than 197 feet from the Mean Annual High Water of the river and 72 feet away from the adjacent Bordering Vegetated Wetland.

Resource areas present within the work vicinity include Riverfront Area and Bordering Vegetated Wetland (BVW). The BVW in this area is dominant in cattail, phragmites, dogwood, elderberry, northern arrowwood, poison ivy and touch-me-nots.

At the first hearing it was said in error that there was a swath of Japanese Knotweed up-gradient of the wetland line; however, this is not the case, and as a result the removal of this invasive species is not needed nor proposed. Phragmites; however, a different invasive species, is present within the wetland. However, due to the dominance of this species throughout this vast wetland/riverine system removal within the vicinity of the work area is not advised, since removal would negatively impact the existing native wetland vegetation and could compact wetland soils. Furthermore, the re-contamination of the mitigated area by this aggressive invasive species would eventually re-inhabit the area and as a result, removal of this species is not advised. To enhance the area six native wetland shrubs are proposed to be planted along the vegetated/lawn edge. In addition, New England Wetland Plants Conservation/Wildlife Seed Mix will be spread along and between the planted shrubs.



Photo 1. Looking towards wetland in the vicinity of work area.



Photo 2. Looking at area of proposed work within lawn and adjacent to existing building

B. MITIGATION MEASURES

Mitigation for the proposed work within Riverfront Area (proposed impact to RA is 37 square feet) and BVW buffer zone (443 square feet) will be the installation of 6 native species shrubs consisting of 3 Highbush blueberry and 3 Sweet Pepperbush. These six 2-3 ft tall shrubs will be planted along the vegetated wetland/upland line at the start of the maintained lawn area. These shrubs will enhance the native species diversity of the area and provide additional wildlife habitat features such as: shelter, food, and nesting habitat.

C. GENERAL INSTALLATION PROCEDURES

Planting

Plants (reference the planting list in section D) shall be distributed along wetland flags 102-107 with shrubs spaced approximately 6-9' on center. All plantings will be removed from burlap sacks, wire cages and plastic containers prior to planting. Each plant will have its roots loosened prior to planting to encourage root growth away from the planting bulb. Plants will be adequately watered immediately following planting.

D. PLANTING LIST

Mitigation Area Plantings			
Common Name	Scientific Name	Number	Size
Shrubs (6)			
Highbush Blueberry	<i>Vaccinium corymbosum</i>	3	2-3-ft
Sweet Pepperbush	<i>Clethra alnifolia</i>	3	2-3-ft
Seed Mix			
New England Wetland Plants Conservation/Wildlife Seed Mix			.5 lb

E. CONCLUSION

This mitigation will enhance the Riverfront Area over current conditions and will improve the functions and values of the Riverfront Area. All local, state and federal statutory interests and performance standards have been protected and will be met by the project, as described above.



Sincerely,
Goddard Consulting, LLC.

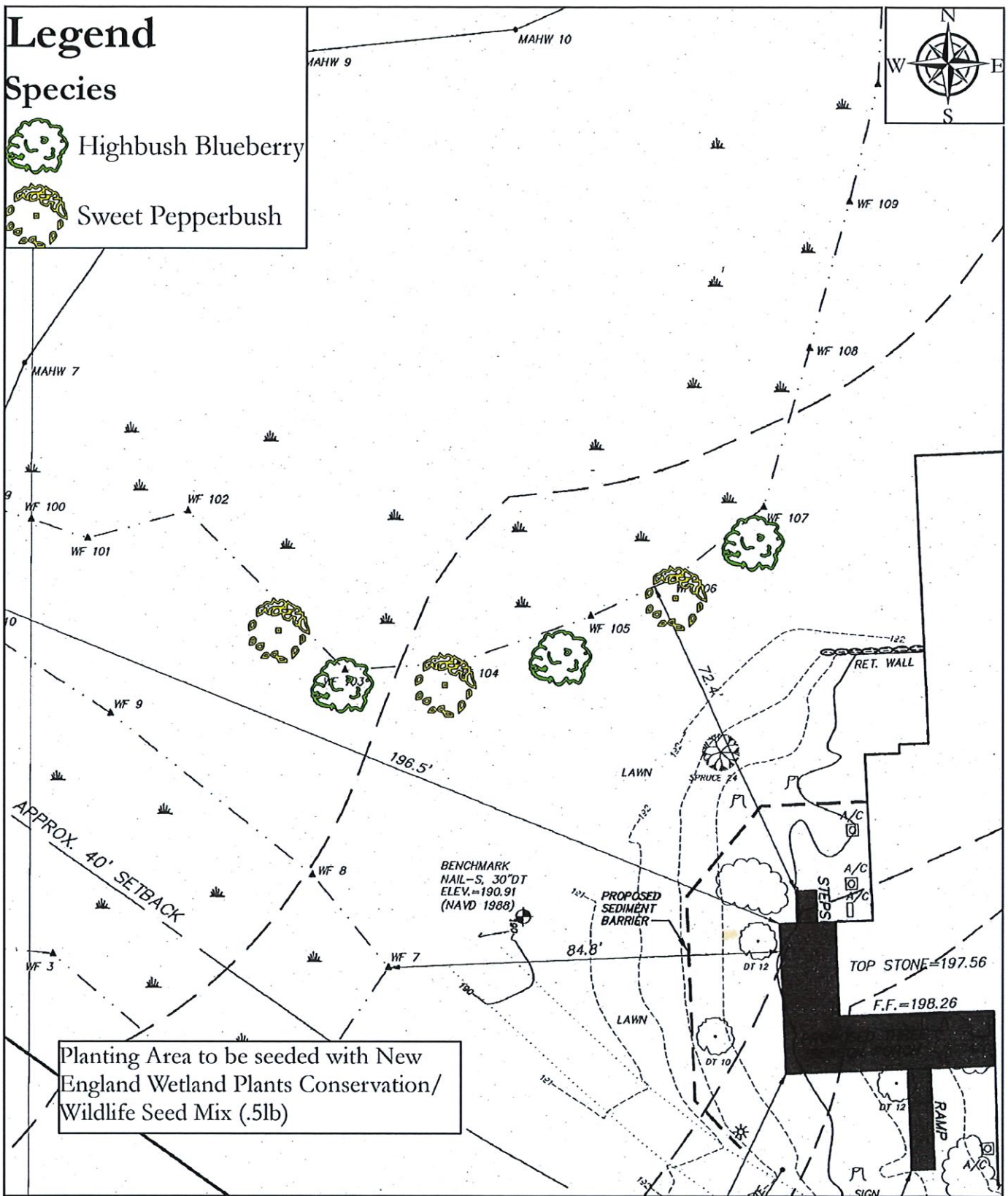


Nicole Hayes, PWS
Senior Wetland Scientist



Legend

Species

-  Highbush Blueberry
-  Sweet Pepperbush



Planting Area to be seeded with New England Wetland Plants Conservation/Wildlife Seed Mix (.5lb)

Date: 06/07/2024	GC No. 288-112	<h2 style="margin: 0;">Planting Plan</h2> <p style="margin: 0;">72 Wayside Inn Road Sudbury, MA</p>	
 <p style="margin: 0;">GODDARD CONSULTING Strategic Ecological Consulting</p>			1" = 40'