

EcoTec, Inc.

ENVIRONMENTAL CONSULTING SERVICES

102 Grove Street
Worcester, MA 01605-2629
508-752-9666 – Fax: 508-752-9494

January 6, 2021

Lancaster Conservation Commission
Prescott Building
701 Main Street, Suite 4
Lancaster, MA 01523

Re: Notice of Intent
8 Farnsworth Way, Lancaster
Applicant: Peter Steere

Dear Commission Members:

Enclosed please find two (2) copies of a site plan revised on January 6, 2021 for the above referenced site. These revisions were made based upon discussions with the Commission and comments provided by the Commission's agent. The revisions are as follows:

1. Limit of the proposed lawn has been pulled back 15-feet to provide for a 40-foot Buffer between the lawn and the Bordering Vegetated Wetland. Note the sluiceway will be abandoned up to the 25-foot No Disturb buffer and replanted to the 40-foot proposed limit of lawn;
2. The planting area has been depicted on the site plans; and
3. A note was added to the plans referring to Table A (see below) for the proposed planting list.

The Commission also asked for a list of trees that were removed from the Buffer Zone. I have provided a table as follows:

Tree Species	Sizes (stump diameter-inches)	Total Number
Red maple (<i>Acer rubrum</i>)	5, 6, 7, 8, 11(2), 12, 14, 16(2), 17, 20	12
black cherry (<i>Prunus serotina</i>)	5(2), 14	3
white oak (<i>Quercus alba</i>),	19, 22	2
white ash (<i>Fraxinus americana</i>)	4,	1

It is worth noting that a large number of the trees that were cut were damaged or contained centers, which were rotted.

The following table provides the list of restoration plantings. This list was revised at the request of the Conservation Agent to remove the eastern hemlock over concerns relating to the wooly adelgid, which often kill these trees.

Table A: Planting Plan for Buffer Area

SPECIES; SIZE; SPACING	NUMBER
Saplings; 6 to 8' height, container or balled, burlapped; approximately 20' on-center	4

avg.

White oak (*Quercus alba*)

Red oak (*Quercus rubra*)

White pine (*Pinus strobus*)

Shrubs; 2.5 to 3' in height, container; 8' on-center average spacing

10

Highbush blueberry (*Vaccinium corymbosum*)

Arrow-wood (*Viburnum dentatum*)

American witch-hazel (*Hamamelis virginiana*),

sweet fern (*Comptonia peregrina*)

These plantings may be substituted with similar native species based upon nursery stock availability

It should also be noted that the project the proposed project revisions will allow an additional 11 trees to remain and 2 stumps to remain. The stumps are resprouting and will continue to grow over time.

We look forward to meeting with the Commission regarding this project. If you have any questions, please feel free to contact me at any time.

Sincerely,



Scott M. Morrison, PWS

Senior Environmental Scientist

cc. Peter Steere, Owner

17/E/LancasterFarnsworth8NOILetter2021.1.6