

## **Proposed Landscape Planting Plan**

NOI Supplement 15 Elmwood Avenue, Sudbury January 27, 2023

During the public hearing for the proposed replacement of the septic system at 15 Elmwood Avenue, OA noted that minimally three (3) trees within Adjacent Upland Resource Area to the Bordering Vegetated Wetlands (BVW) will need to be removed to complete the proposed installation. As the location of the proposed septic system is limited due to the size and shape of the lot and the orientation of the wetlands, there are no better alternatives to best protect the wetlands and avoid removing the existing trees.

Using the *Tree Removal Performance Standards* within the Bylaw Regulations provided by the Sudbury Conservation Commission (SCC), OA has provided this Landscape Planting Plan to address the replacement of the three trees on the property.

OA has proposed the following tree planting mitigation plan to fulfill the requirements of the *Standards*.

## Planting Plan

- 1. Plantings will be selected from native species; no cultivars shall be planted. The plantings will be placed in the area of wetlands at the rear of the property (see Figure 1) and shall consist of three (3) black willow (*Salix nigra*) trees, or SCC staff-approved equivalents.
- 2. The number of trees will minimally be replaced at a 1:1 ratio. The final number of specimens to be planted, and species composition, will depend upon review and approval by the SCC. Substitutions or changes to the species may be necessary depending on availability and can be administratively approved by the Conservation Coordinator. Additional plantings may be required if additional trees need to be removed, or if the proposed species composition and/or size is unavailable.
- 3. Planting stock will be 1.5-inch caliper, nursery-grown specimens, planted on approximately 20-30 feet on-center. All trees will be placed evenly throughout the treatment area and a qualified wetland scientist will assist in the placement of plantings to ensure their success.
- 4. Once planted, the area delineated as wetland within the existing maintained yard will be allowed to naturalize. Wetland seed mix is available to establish a wet-meadow plant community, if necessary.
- 5. Metal FENO markers shall be placed along the approved wetland line to demarcate the boundary and serve as a visual indicator to protect against accidental wetland infringements. The FENO markers should have a collar and engraved cap designating that the area beyond the marker is a wetland and should not be mowed.

## **Monitoring and Management Thresholds:**

A qualified wetland scientist will provide oversight during the installation of the plantings to ensure they are native stock and quantity, and that plantings are installed in the required location. Following installation, the scientist will provide a short report detailing the species and quantity of each approved planting.

Generally, Conservation Commissions requires that plantings must be monitored for two growing seasons following installation. Should this be required, the qualified wetland scientist will provide these reports prior to October 1 in the two years immediately following the installation. These reports will summarize the vitality of the plantings, recommendations for additional trees if the plantings do not survive, and any need for invasive species management within the portion of the existing lawn to be naturalized.

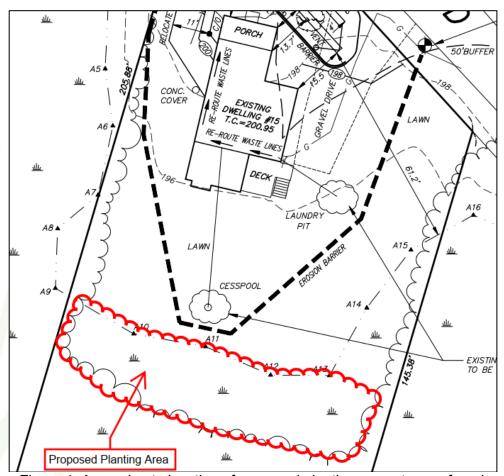


Figure 1. Approximate location of proposed planting area at rear of yard

