**Notes**

**Landowner Goals:** Remove weeds, enhance and expand natural areas with mix of native grasses, forbs, and shrubs, infiltrate runoff, create habitat, improve access area. Create natural visual partition in certain areas along property lines.

**Note:** Pike Lake has considerable bounce/ fluctuating water levels.

**Site Preparation:**

- Cut and treat buckthorn, honeysuckle, and other weed trees and shrubs.
- Treat reed canary grass and other invasive plants in weedy buffers with herbicide, hand pulling, etc.
- In 5 ft buffer area around proposed planting area, treat turf grass with herbicide. Area can be tilled up in 2 weeks to prepare for No-mow grass seed mix.
- Create berms to divert run-off around access area. Seed with No-mow seed.
- Trim back willow near access, do not treat (may sprout back, dogwood to be planted in its place).
- Remove wood timbers and dispose of properly (most likely treated with chemical) from entire site.
- Leave existing natives where possible.
- Access area to decrease in size from 10 ft wide to 6 ft wide- LANDOWNER WILL ADDRESS.
- Light post to remain for possible wood duck box.
Shoreline/Upland Restoration  Sheet 2 of 2

Notes:

- Install coconut/straw erosion control fabric in transitional area along shore (5-6 ft up from shoreline).
- Coir biologs to be placed and staked (3 ft spacing) along entire length of shore, except for access area. 6 inches of erosion control fabric should be tucked under biologs. Tie biologs together and to stakes.
- 4 ft temporary herbivore exclusion fence to be installed (using metal T-posts, 5-6 ft spacing) along entire length of biologs (1 ft out from biolog).
- Install straw erosion control fabric over rest of planting areas above transitional area.
- All planting areas to be planted @ 18 inch on-center spacing according to plan. Shady areas ("S") to be planted @ 24 inch on-center spacing, alternating species.
- In emergent area, plant shorter species (blue flag iris, sweet flag) in area adjacent to access area. Plugs can be planted directly into biologs if conditions are appropriate.
- Plant shrubs and tamarack tree according to plan.
- Entire planting area to receive 2-3 inches of hardwood mulch.
- Brush on site can be used for edging around planting.
- Cover No-Mow grass buffer with straw erosion control fabric after seeding.
- Water entire area after planting, coordinate with landowner (sprinkler head near planting area).
- Perform maintenance (weeding, watering, monitoring). Water during 1st year to ensure plant establishment.