

# Stream Restoration

STERLING, MASSACHUSETTS

The planting plan and plant schedule Ecotropy provided was part of a team effort lead by Rushing Rivers Institute, with funding from Central Massachusetts Trout Unlimited and Nestlé Waters. After the removal of a series of dams and channels obstructing a small stream in Central Massachusetts to help foster fish habitat, volunteers from Fitchburg State University helped to install the Native plants. The planting reflects appropriate facultative qualities of the plant communities, provides habitat value for birds, fish and small mammals and provides social value for the community with a beautiful place to go and learn about their local ecological communities.



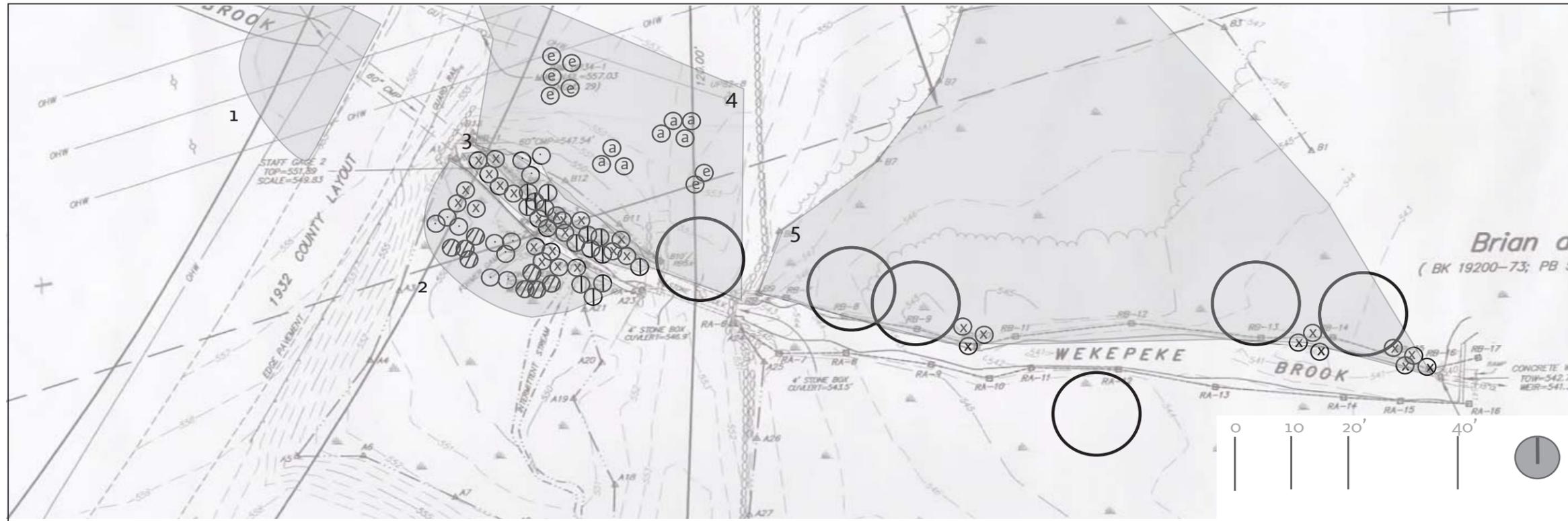
CONCEPTUAL SECTION ILLUSTRATING STREAM BED AND RHIZOSPHERE CONDITIONS BEFORE RESTORATION



CONCEPTUAL SECTION ILLUSTRATING STREAM BED AND RHIZOSPHERE CONDITIONS AFTER RESTORATION

# Planting Plan -

## Central MA Trout Unlimited Project # 146



### Featured Plants

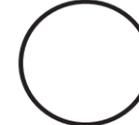


**Zone 1 -**  
 Roadside Culvert replacement  
 1 lb Detention Basin seed mix - @400 sq. ft

**Zone 2 -**  
 Forested Wetland  
 Clethra Alnifolia (pepper bush) - 11   
 Lindera Benzoin (spice bush) - 8 

**Zone 3 -**  
 Stream Bank  
 Salix (Willow) - 32   
 Cephalanthus (Button Bush) - 14   
 1 lb wetland seed mix

**Zone 4 -**  
 Upland Remediation  
 2 lbs Detention Basin Mix  
 Aronia Melanocarpa (black chokecherry) - 7   
 Sambucus Canadensis (elderberry) - 7 

**Zone 5 -**  
 Invasive removal & some restoration  
 Platanus occidentalis (Sycamore) - 6 

Planting design by  
**ecotropy**  
 www.ecotropy.net

# Stream Restoration

STERLING, MASSACHUSETTS



