Overview: Existing Conditions and Goals

POND RESTORATION

- Restore ponds to a healthy sustainable state
- Integrate restoration process with science curriculum and environmental clubs
How?

1. Consider Site Challenges: nutrients, erosion, water depth, light regime, hydrology, soils

2. Keeping it real: Maximize biodiversity while remaining sustainable
Recontour slopes for pedestrian access and erosion control
Plant perimeter

Enhance existing swale and hydrology system by creating a planted wetland

Cover trellis and observation deck for pond study

Provide controlled access to water’s edge with use of boardwalk

Pond overflow into existing drywells to recharge aquifer

Reduce mowed lawn areas

Pedestrian walkway

Recontour grades and plant slopes with wetland upland native species reducing pond size and increasing sustainable habitat

Existing edge and eroded slope

Open view to pond

New entry and gate house two car width and turn around for safety

Pedestrian gate and walkway
Wetland Plants
If you build it, they will come...
Harbor Herons
Dragonflies and Damselflies