

OASIS: RETROFITTING UCONN'S ICONIC MIRROR LAKE

ROCK GARDEN VIEW



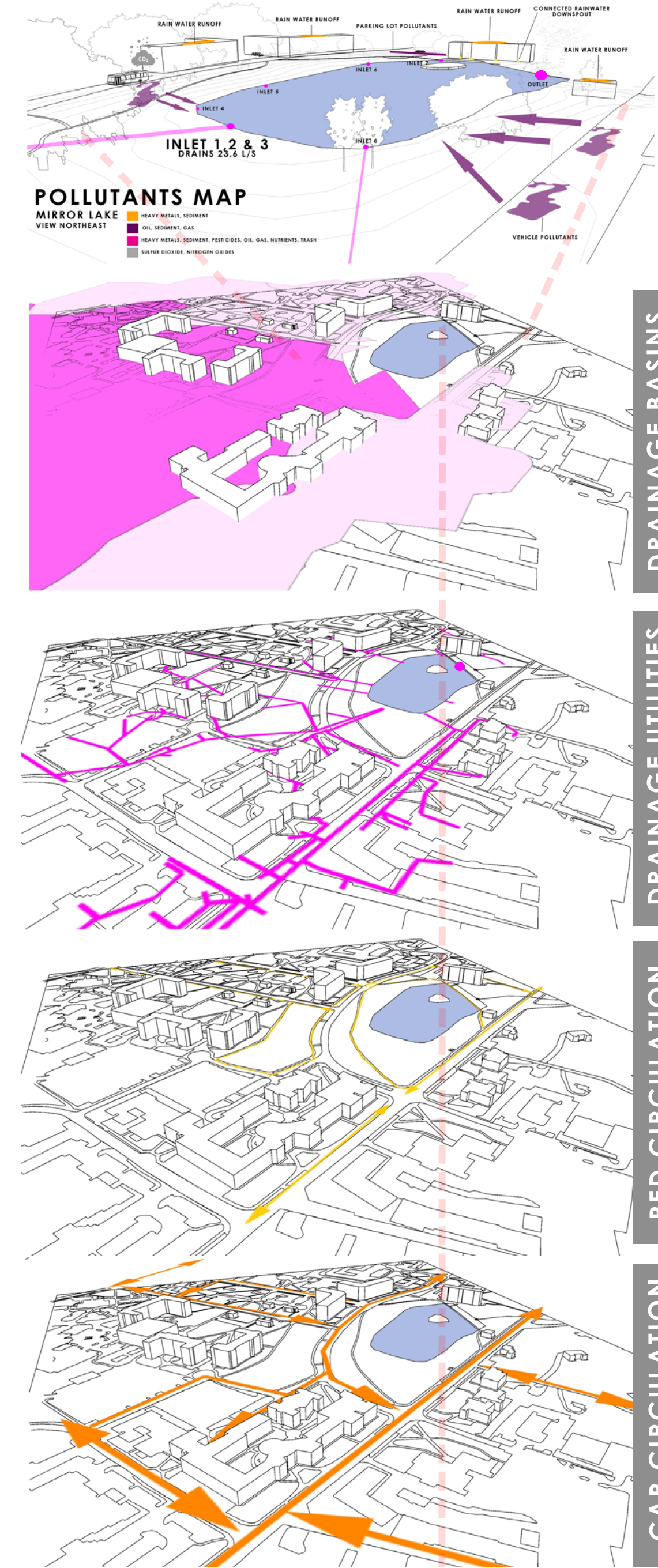
IMPLEMENTATIONS

1. Eleven planted floating islands
2. Engaging Floating Island Educational Walkway
3. Tributary Rain Gardens
4. Restoration of 1.2 acres of native meadow
5. Enhancement of existing lake buffer

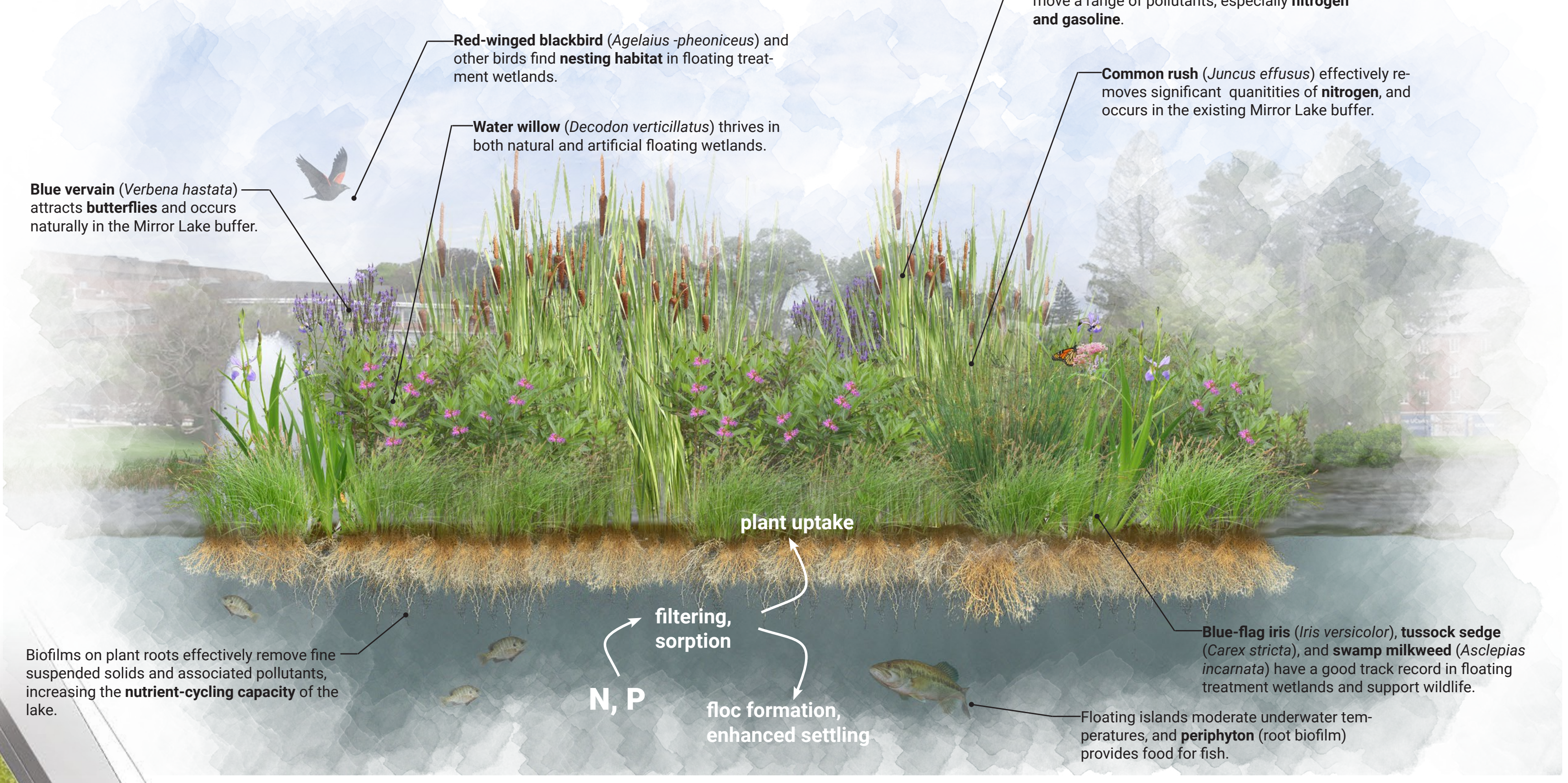
PLAN



SITE ANALYSIS



FLOATING ISLAND SECTION



PERGOLA VIEW



PROJECT OUTCOMES

1. Up to 50% more removal of nitrogen, phosphorus and sediment due to floating islands alone
2. Decreased phosphorus, gasoline and chloride loading from the immediate watershed
3. Reduced impairment of Roberts Brook downstream
4. Public engagement via the Floating Island Educational Walkway
5. Improved waterfront access around the perimeter of the lake
6. Increased biodiversity and ecosystem services
7. A celebration of Roberts Brook