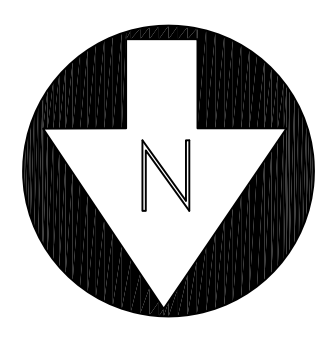
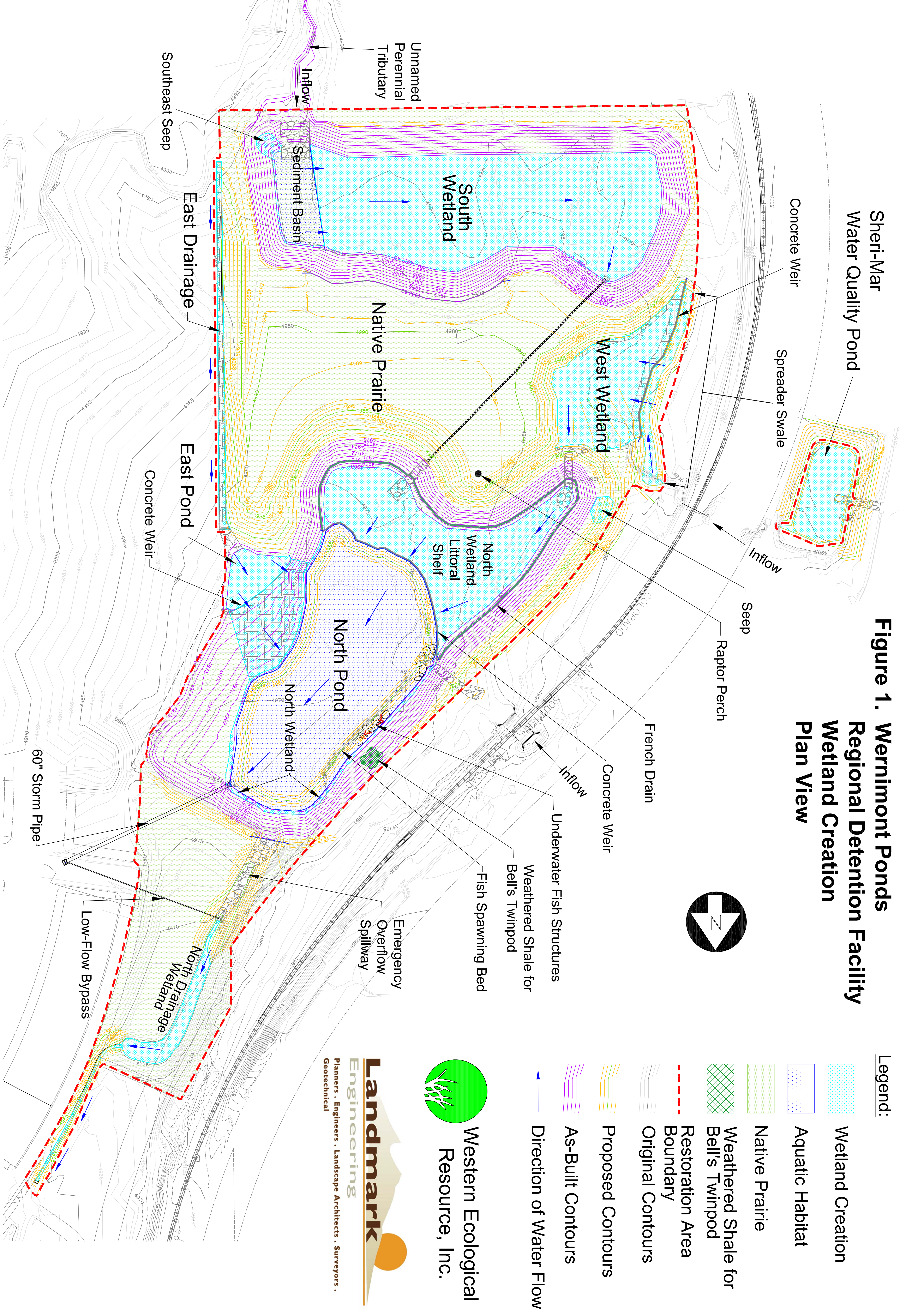
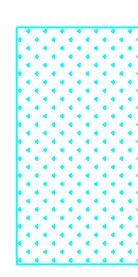
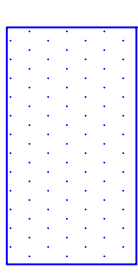
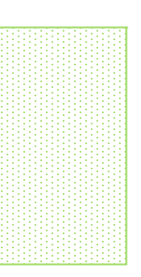
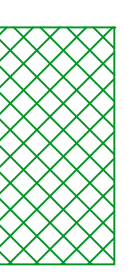

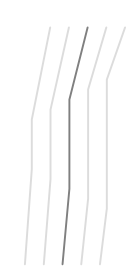
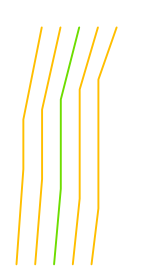
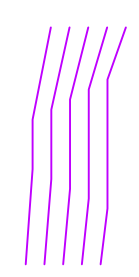
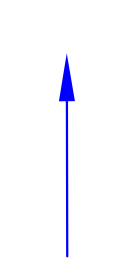


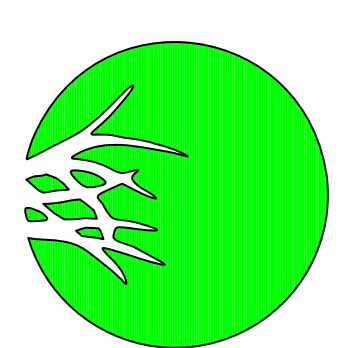
**Sheri-Mar
Water Quality Pond**

**Figure 1. Wernimont Ponds
Regional Detention Facility
Wetland Creation
Plan View**



Legend:

-  Wetland Creation
-  Aquatic Habitat
-  Native Prairie
-  Weathered Shale for Bell's Twinpod
-  Restoration Area Boundary
-  Original Contours
-  Proposed Contours
-  As-Built Contours
-  Direction of Water Flow



**Western Ecological
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WERNIMONT PONDS

REGIONAL STORM WATER DETENTION PONDS

A SUCCESSFUL City of Loveland storm water detention project which includes the creation of native wetland, riparian, and prairie habitats.



Emergent Wetland - North Pond

The project purpose was to create Regional Detention Ponds to store storm water generated from flood events and protect downstream residences and businesses from flooding. The goal of the regional storm water detention project also includes creation of native wetland, riparian, and prairie habitats around the two detention ponds.

Prior to construction of these ponds, the site was characterized by a shallow pond with a dense growth of cattails emerging from the water and extending outward to a salt grass grassland and a degraded landscape distinguished by agricultural grasses and undesirable weed plants. The functions and values of the wetland and other habitats on the site prior to construction of the ponds was compared to the proposed wetland and prairie creations using the Montana Wetland Assessment Method. Examples of factors evaluated for the existing and proposed conditions include:

- plant species composition and structural diversity of wetland and other habitats
- wildlife use of the habitats and
- the potential of wetlands to enhance water quality

The Assessment concluded that the degraded conditions of the original wetland and other habitats on the site could be significantly enhanced by the creation of floristically and structurally diverse wetlands around the ponds and by creating native prairie and riparian habitats.

YOU ARE HERE
Good Samaritan
Sign Location

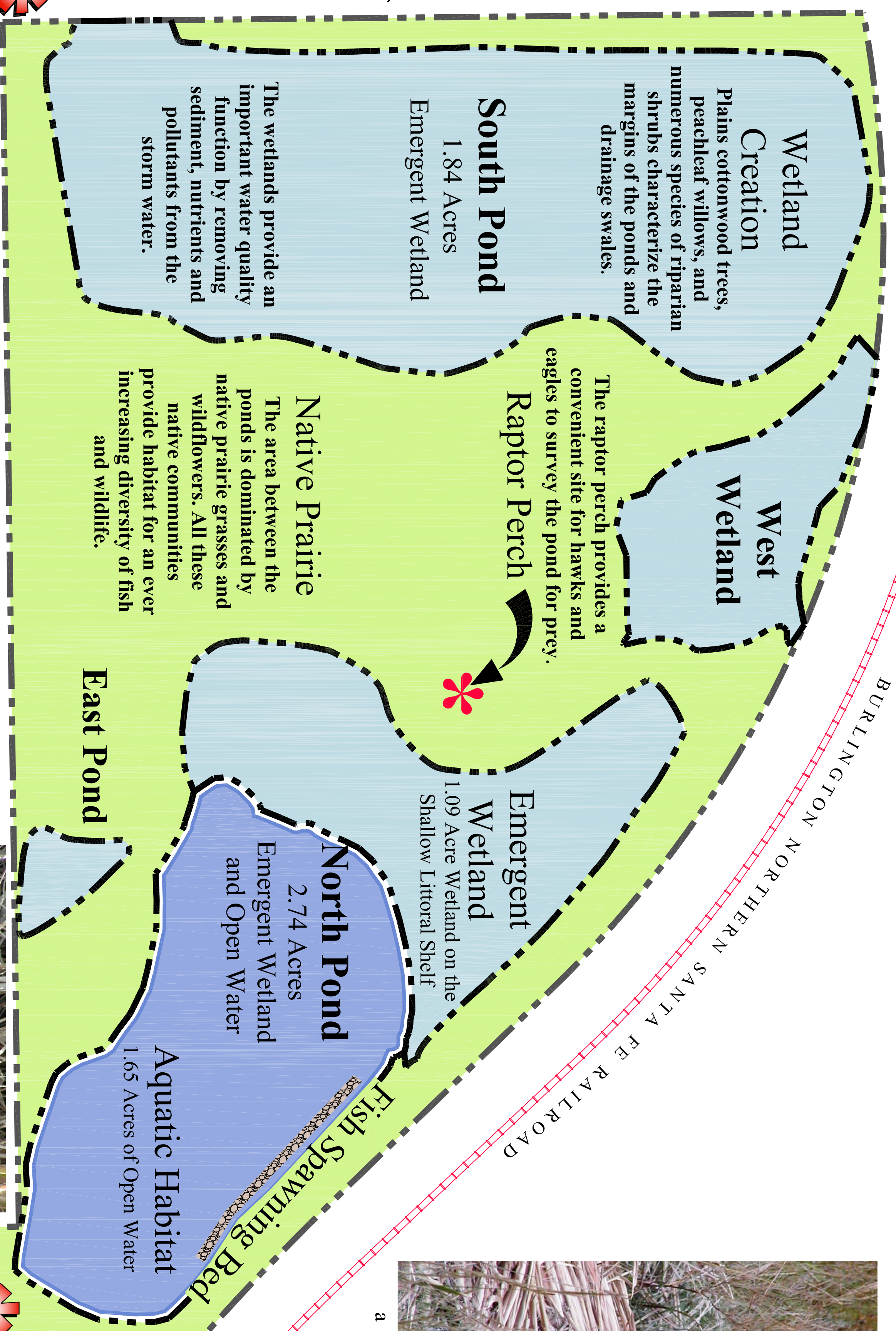


Emergent Wetland - South Pond

Within one year from establishing the new wetlands and prairie habitat it has proven to be a **success** with the wildlife.

WERNIMONT PONDS

A SUCCESSFUL City of Loveland storm water detention project which includes the creation of native wetland, riparian, and prairie habitats.

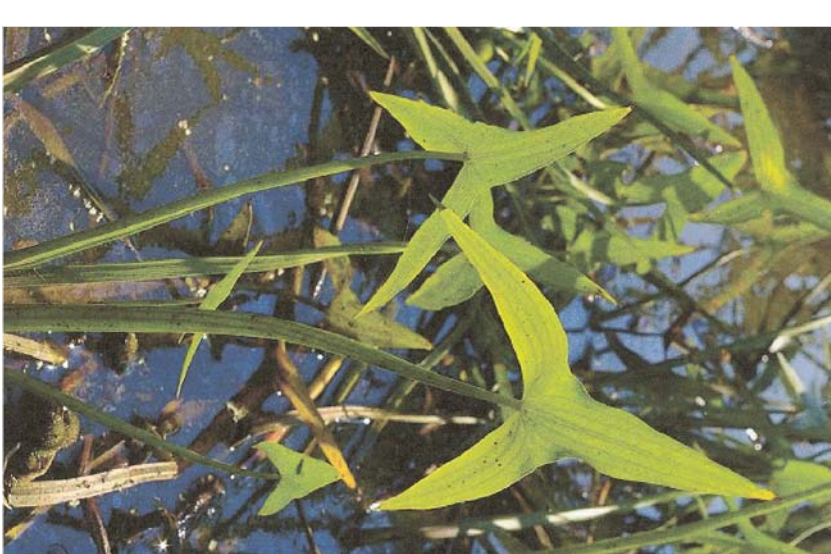


The wetlands provide an important water quality function by removing sediment, nutrients and pollutants from the storm water.

The raptor perch provides a convenient site for hawks and eagles to survey the pond for prey.

The area between the ponds is dominated by native prairie grasses and wildflowers. All these native communities provide habitat for an ever increasing diversity of fish and wildlife.

The deep aquatic habitat of the North Pond with its logs, stumps, and under water gravel areas provides habitat for three species of warm water fish: yellow perch, catfish and minnows. As the trees around the edge of the pond grow and mature, they will shade and cool the water for the fish and provide nesting habitat for songbirds, owls and hawks.



Arrowhead

Wetland plants including hardstem bulrush, creeping spike rush, alkali bulrush, arrowhead and numerous others provide habitat and food for red-winged blackbirds, ibis, Canada geese, ducks, great blue heron and other waterfowl.



Blue Grama

Leopard frogs, toads and the plains garter snake also live near the ponds and provide a food source for raccoons, foxes and skunks.



One of the most important species onsite is a large population of Northern Leopard Frog, a sensitive native species in Colorado.

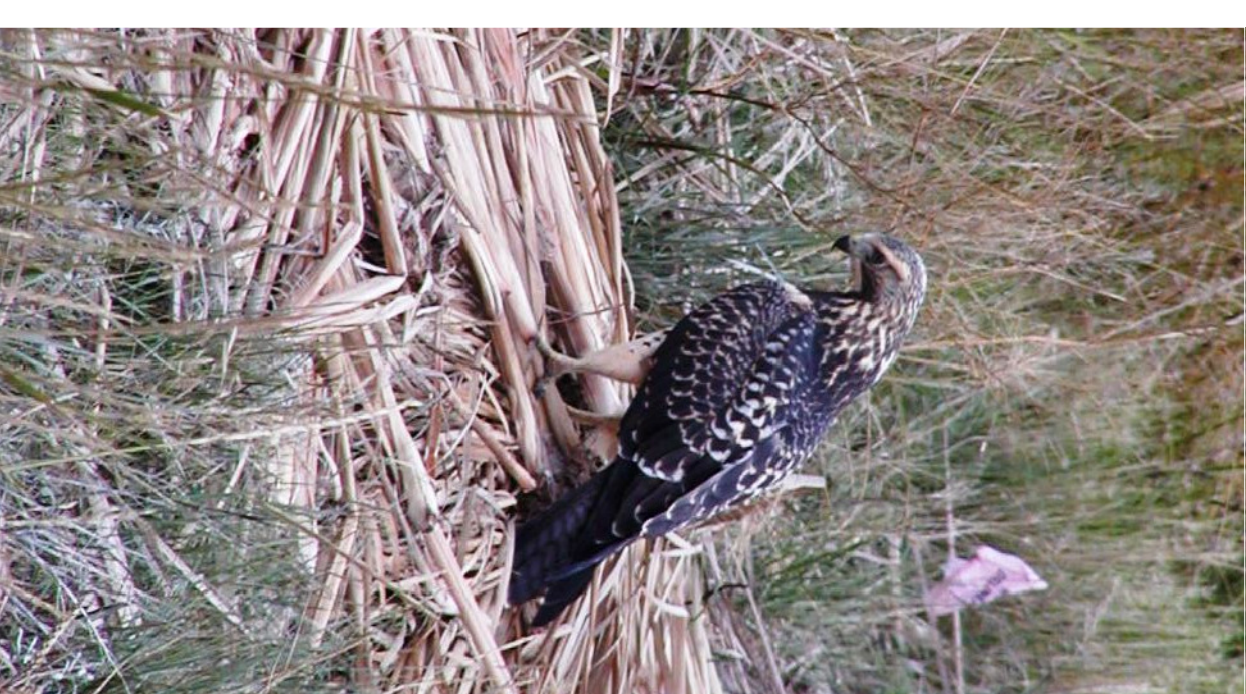


a male Red-winged Blackbird...



a Red-winged Blackbird nest...

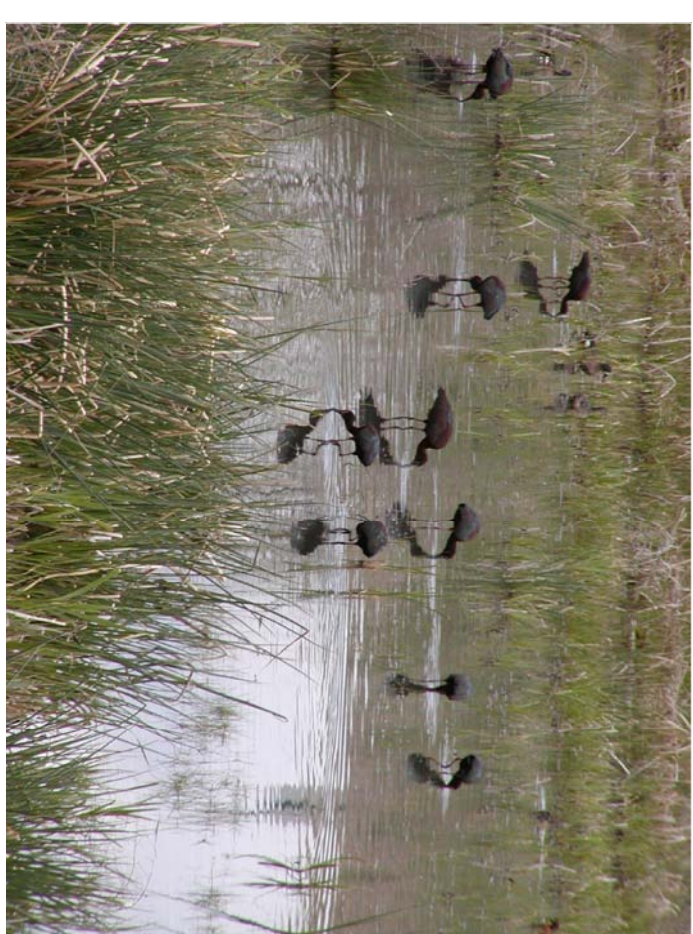
As a result of eradication of aggressive cattails and the successful creation of new wetland and prairie habitats we now have ...



a Northern Harrier...



a Great Blue Heron...



a flock of Ibis.