

# KILLIN WETLANDS NATURAL AREA

# WHY WE ARE HERE

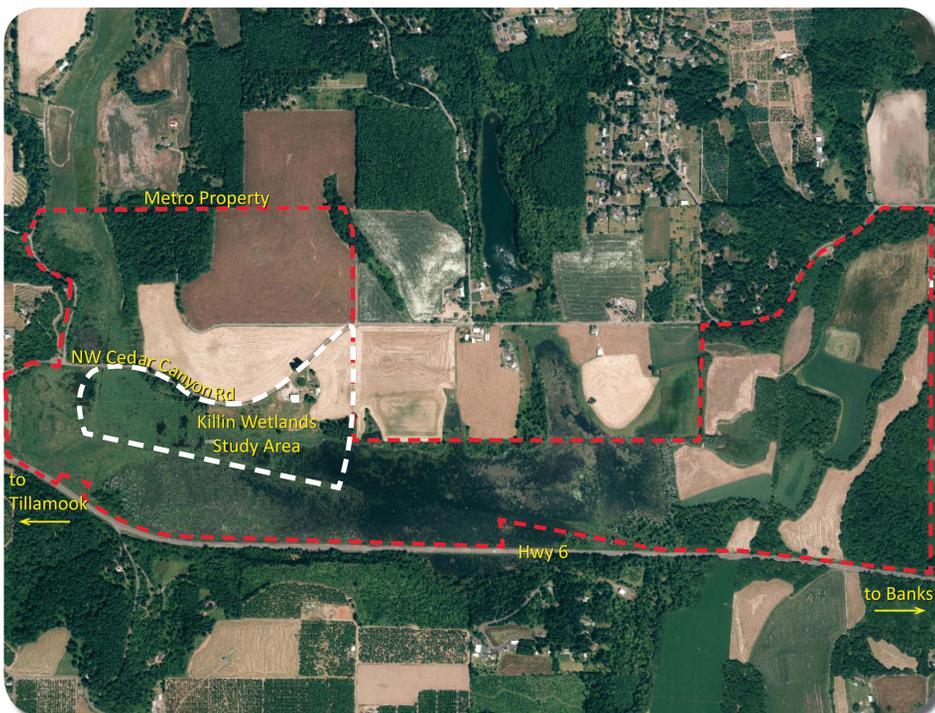


## PROJECT BACKGROUND

- Metro purchased land with money from the 1995 and 2006 natural areas bond measures that voters approved.
- Thanks to voter support for the 2013 parks and natural areas levy, Metro now has the opportunity to provide safe public access and restore natural resources on a portion of the site while allowing farming to continue on another portion.
- Protecting the almost 600-acre natural area is a unique opportunity to promote clean air and water, create recreational opportunities and continue restoration activities.

## CURRENT ACCESS

- Over the years Killin Wetlands has been a draw for people seeking American Bitterns and Sora, among others. However, setting up a scope on NW Cedar Canyon Road is not the safest way to view birds.
- We now have the opportunity to create a plan for providing safe access that includes excellent bird watching activities as well as continued restoration activities.

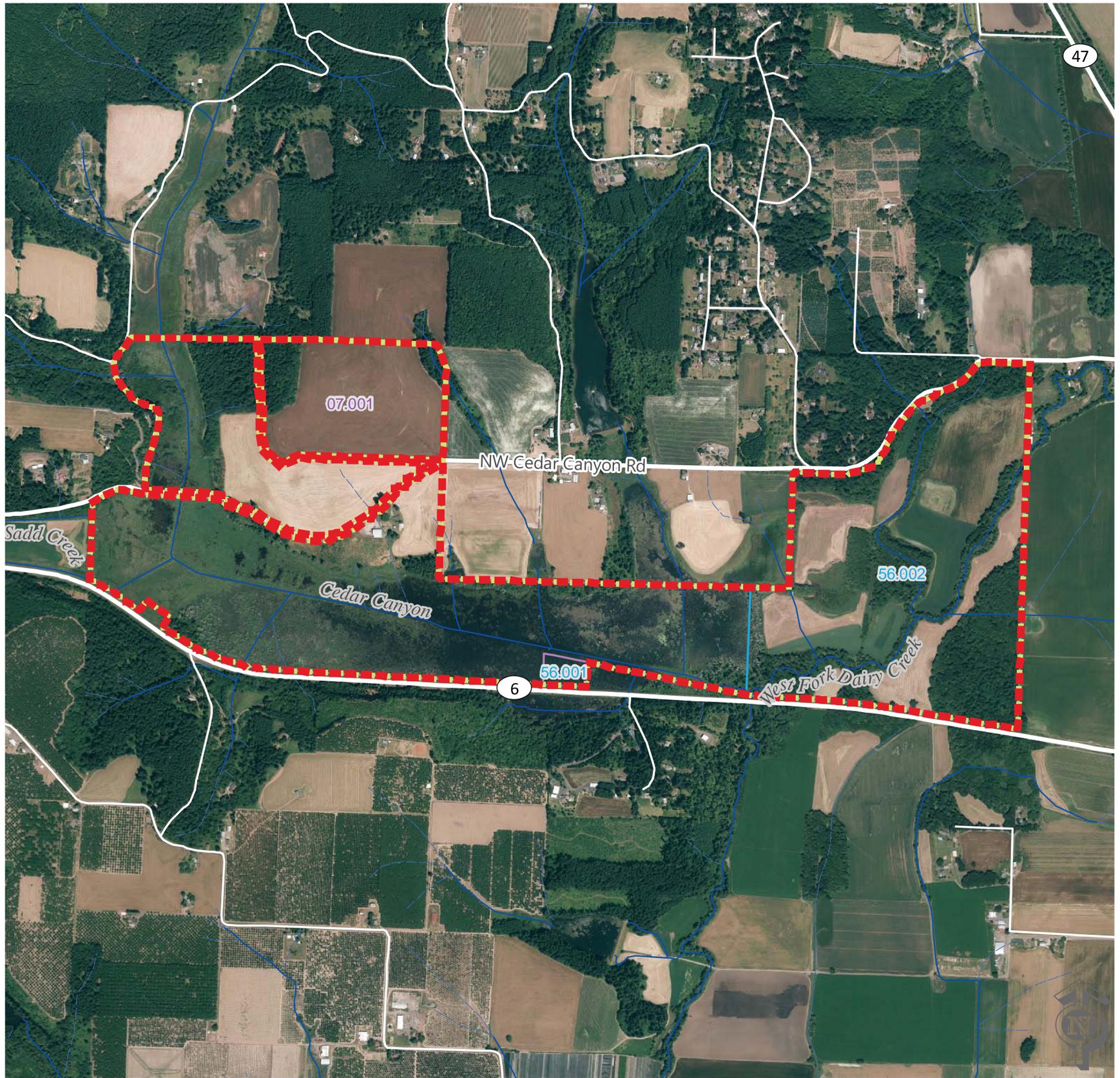


## PROJECT GOALS

- Providesafeaccessintothesiteandcreateenjoyableexperiences.
- Create a safe way to access the wetland, observe wildlife, and learn about the unique habitats and history.
- Protect natural resources
- Provide opportunities for birding experiences and educational opportunities

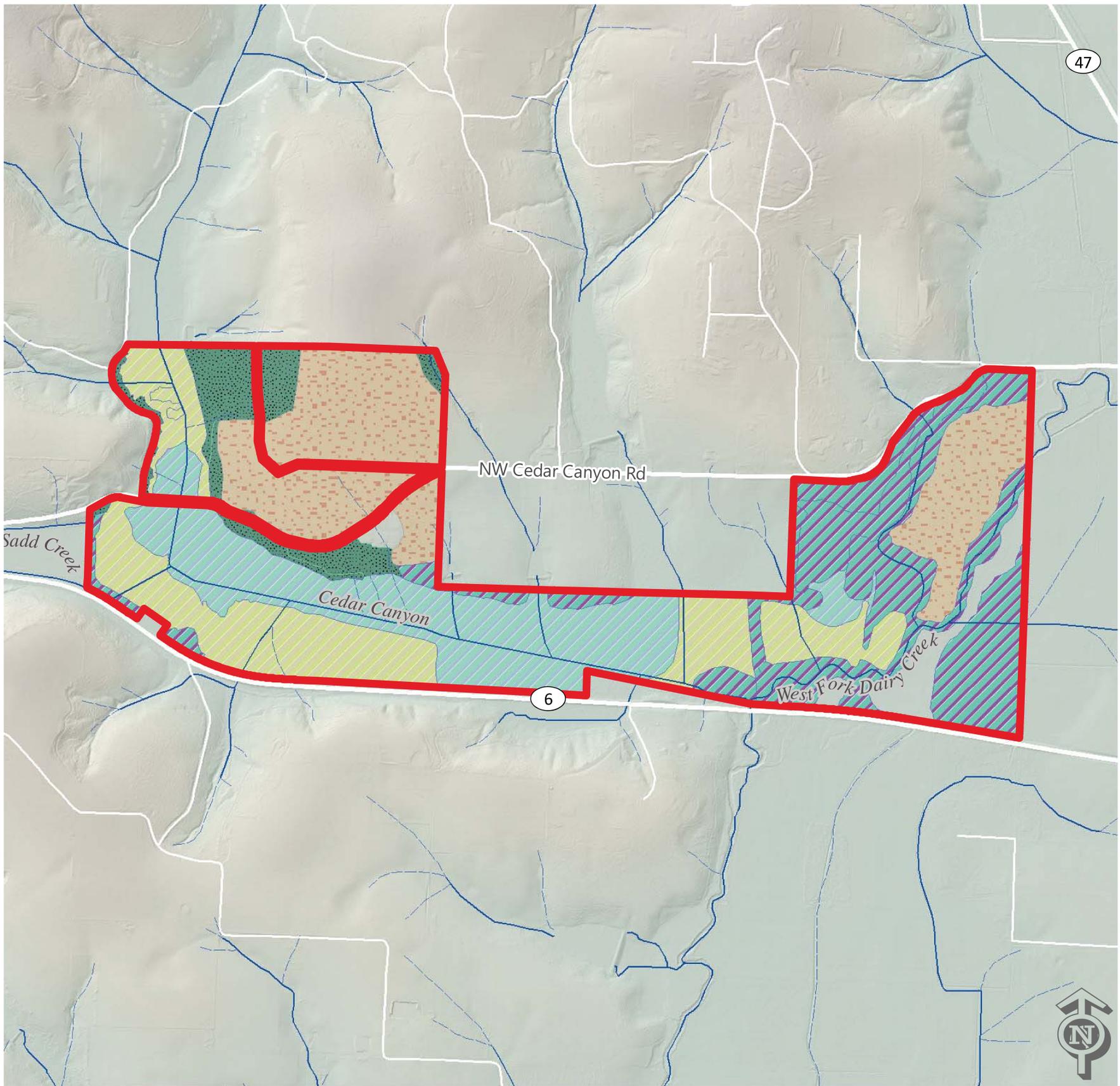
# KILLIN WETLANDS NATURAL AREA

# SITE



	Killin Wetlands site	<b>NHD Flowlines</b>		Intermittent stream	
	Other Metro sites		Perennial stream		
<b>Bond Measure</b>					
	1995 Bond Measure				
	2006 Bond Measure				
0                      2,000                      4,000 Feet					

# KILLIN WETLANDS NATURAL AREA CONSERVATION



Killin Wetlands site Other Metro sites	<b>Conservation targets</b> No targets Bottomland hardwood wetland Emergent wetland Oak woodland Shrub dominated wetland Upland forest	<b>NHD Flowlines</b> Intermittent stream Perennial stream
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0 2,000 4,000 Feet




# HABITAT



Generally very good habitat structure throughout most of the established forest habitat inherited when the site was acquired. Mature conifer and deciduous trees provide a dense mixed canopy suppressing non-natives but supporting a dense, diverse native understory community.

## UPLAND FOREST conservation target

This habitat represents most of the higher (drier) wetland areas on the site's west side, as well as the fringe of the large swamp. The western shrub wetlands are recently re-established via restorative revegetation after grazing was discontinued from these artificially-dewatered floodplain acres.

## SHRUB WETLANDS conservation target

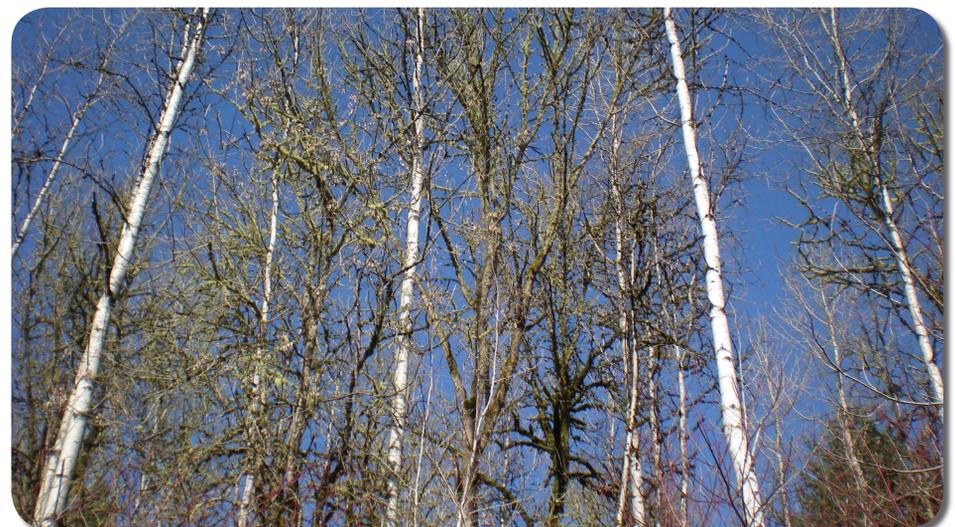


One of two dominant habitats at the site, the emergent wetland, aquatic wetland, open water spectrum is evident throughout most of the central core of the site. Water levels fluctuate with beaver dam activity, changing the boundaries of these habitats by controlling how much of the swamp is emergent and vegetated. The wetlands provide important habitat to many of the site's less common species.

## EMERGENT WETLANDS (OPEN WATER) conservation target

Generally good condition, although existing as a relatively narrow band on the northeastern edge of the site. Opportunities to enhance stream canopy cover/shading, percent native vegetation cover, and improve instream structure are likely present.

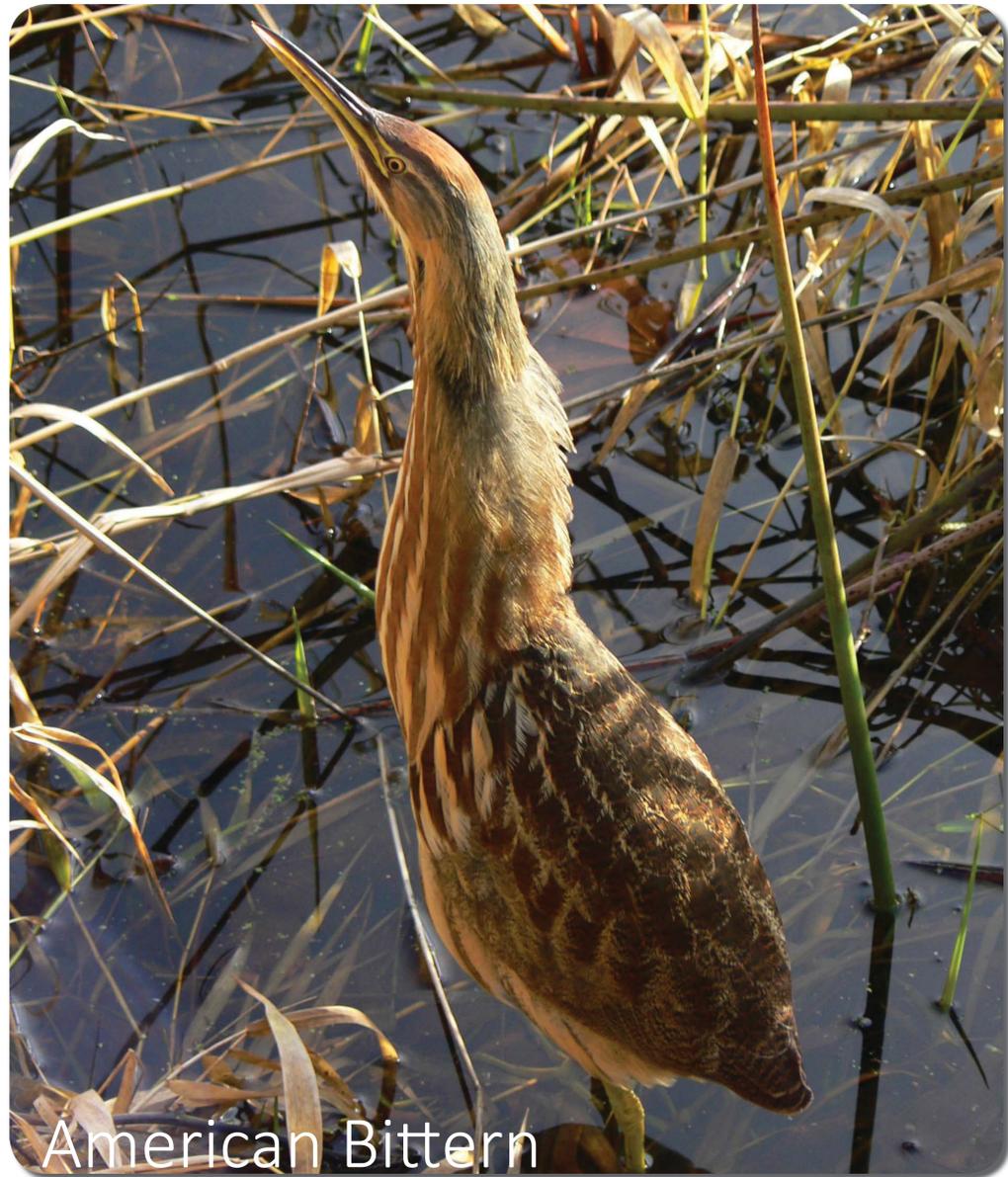
## RIPARIAN FOREST conservation target



# BIRDING



Willow Flycatcher  
*Empidonax traillii*



American Bittern  
*Botaurus lentiginosus*



Sora  
*Prozana carolina*



Northern Pintail  
*Anas acuta*



Virginia Rail  
*Rallus limicola*

# ACTIVITIES

Rank your top 3 activities for the project. Place one dot next to each of your 3 priorities.

- 1 most important
- 2 very important
- 3 important



### Volunteer Work



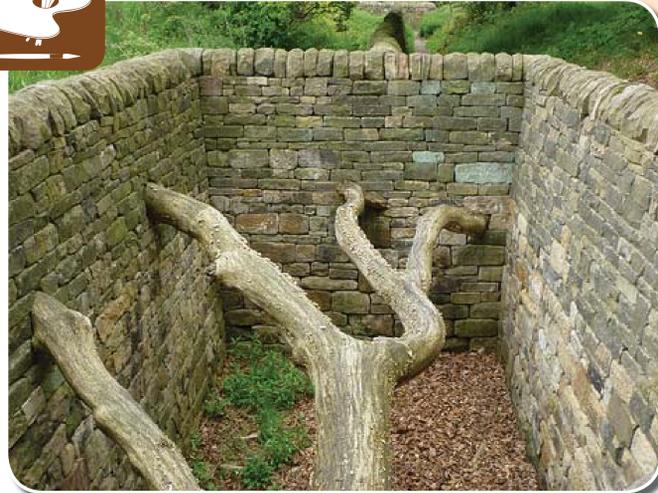
### Conservation Education



### Light Hiking



### Learning About Place Through Art



### Walking on a Boardwalk



### Gathering + Viewing



### Picnicking

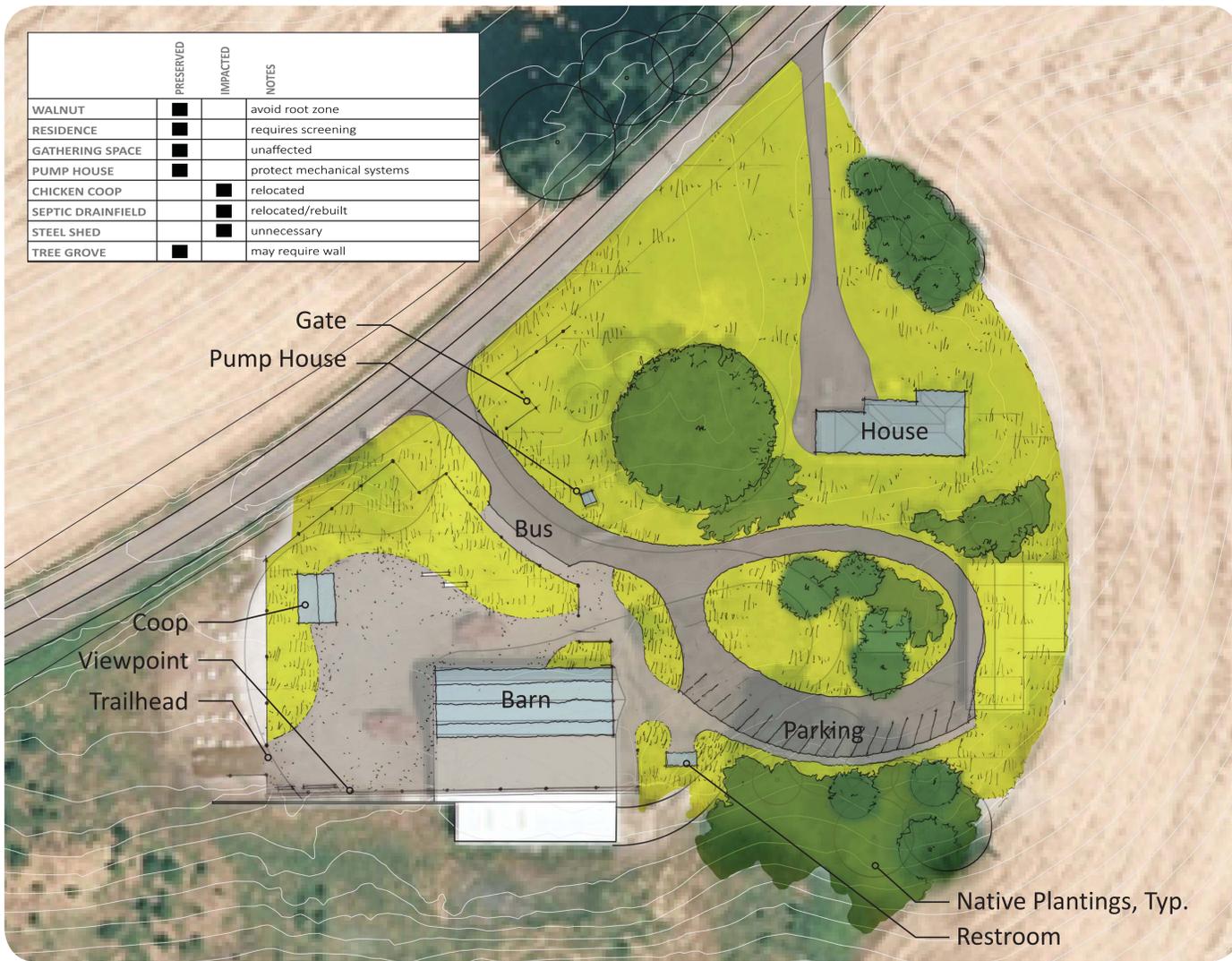


### Birding

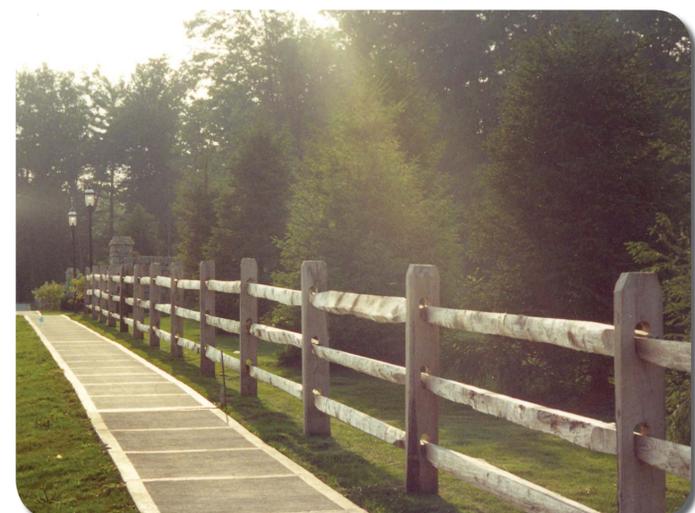
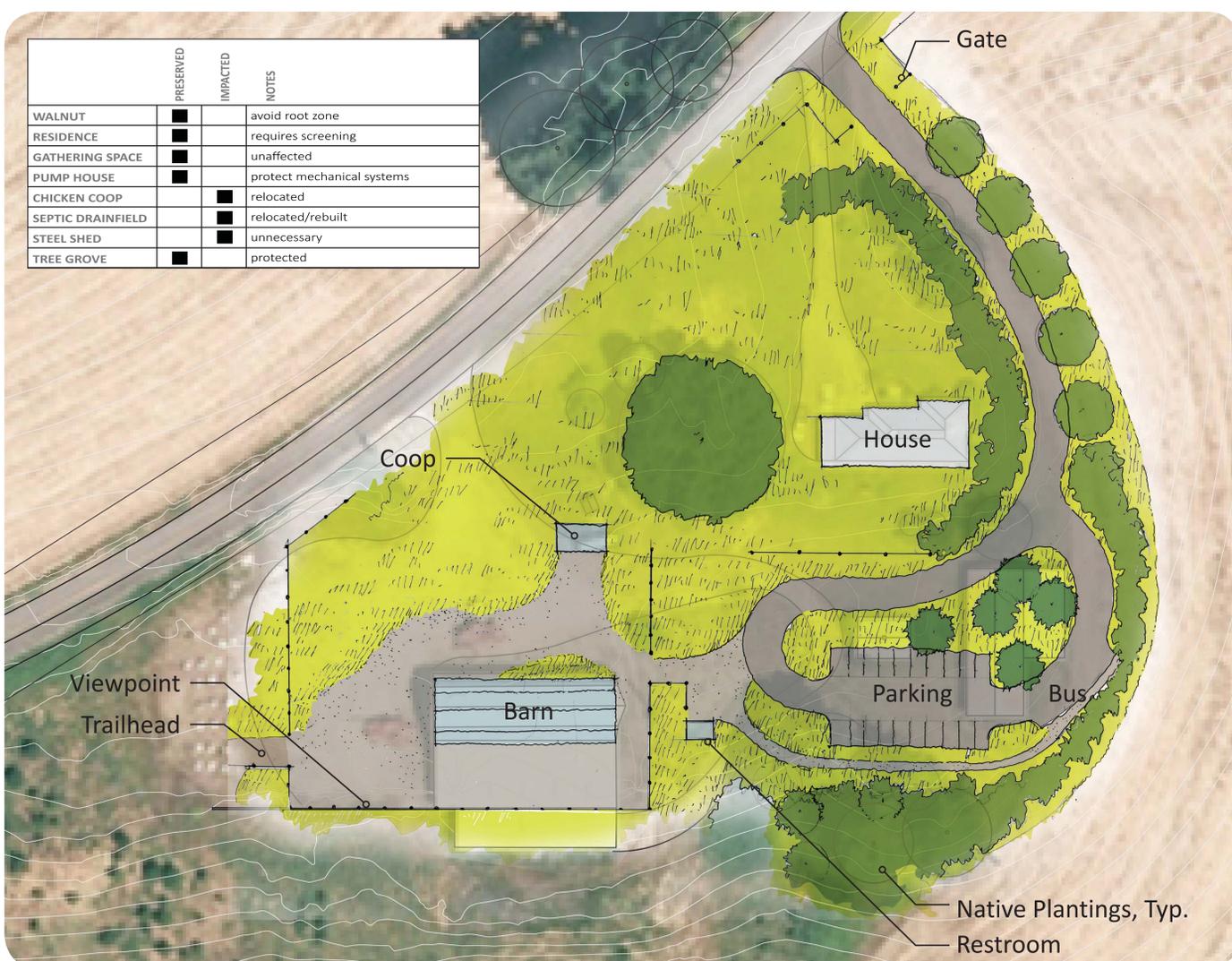


# DAY USE

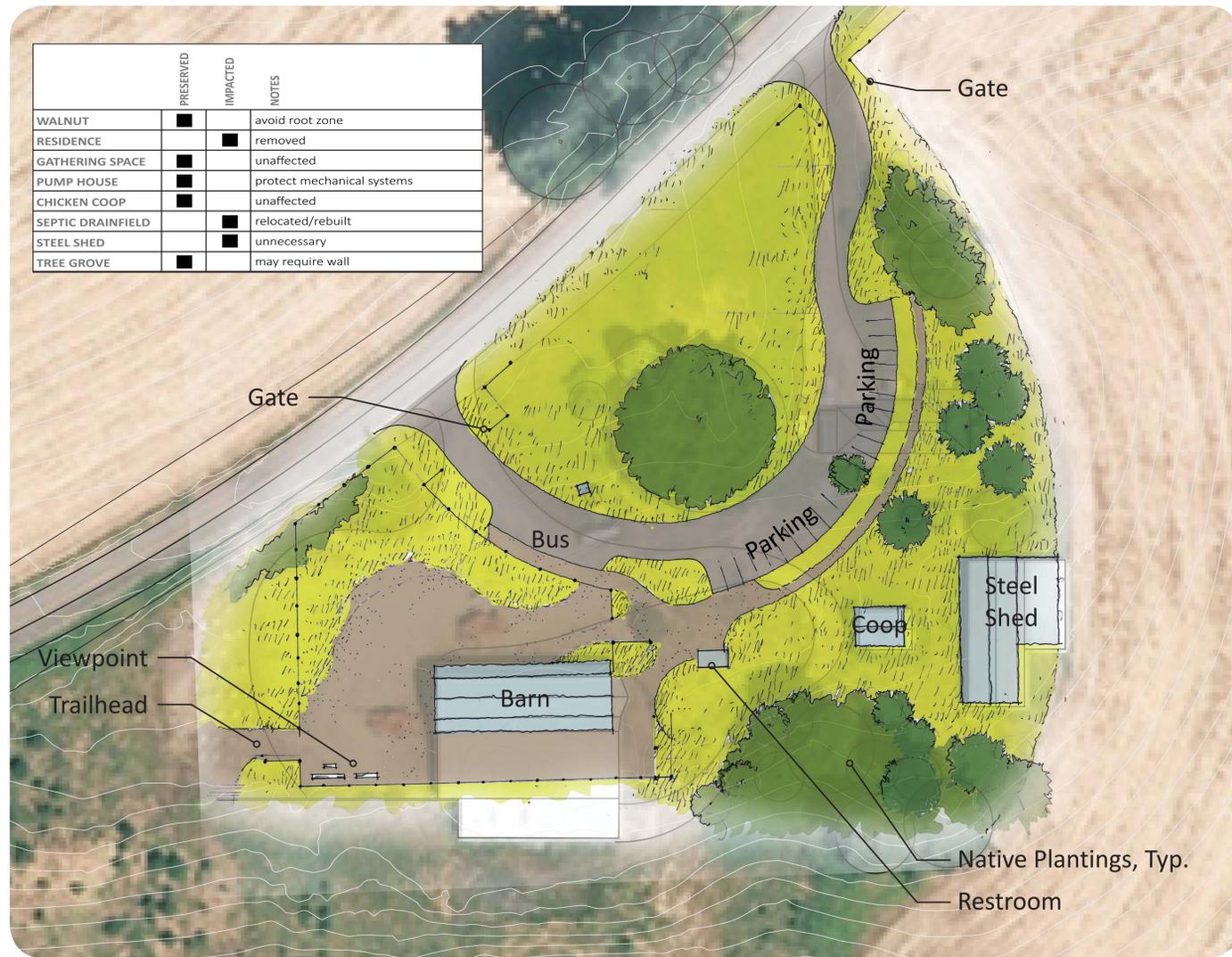
## Idea One: One-way Loop



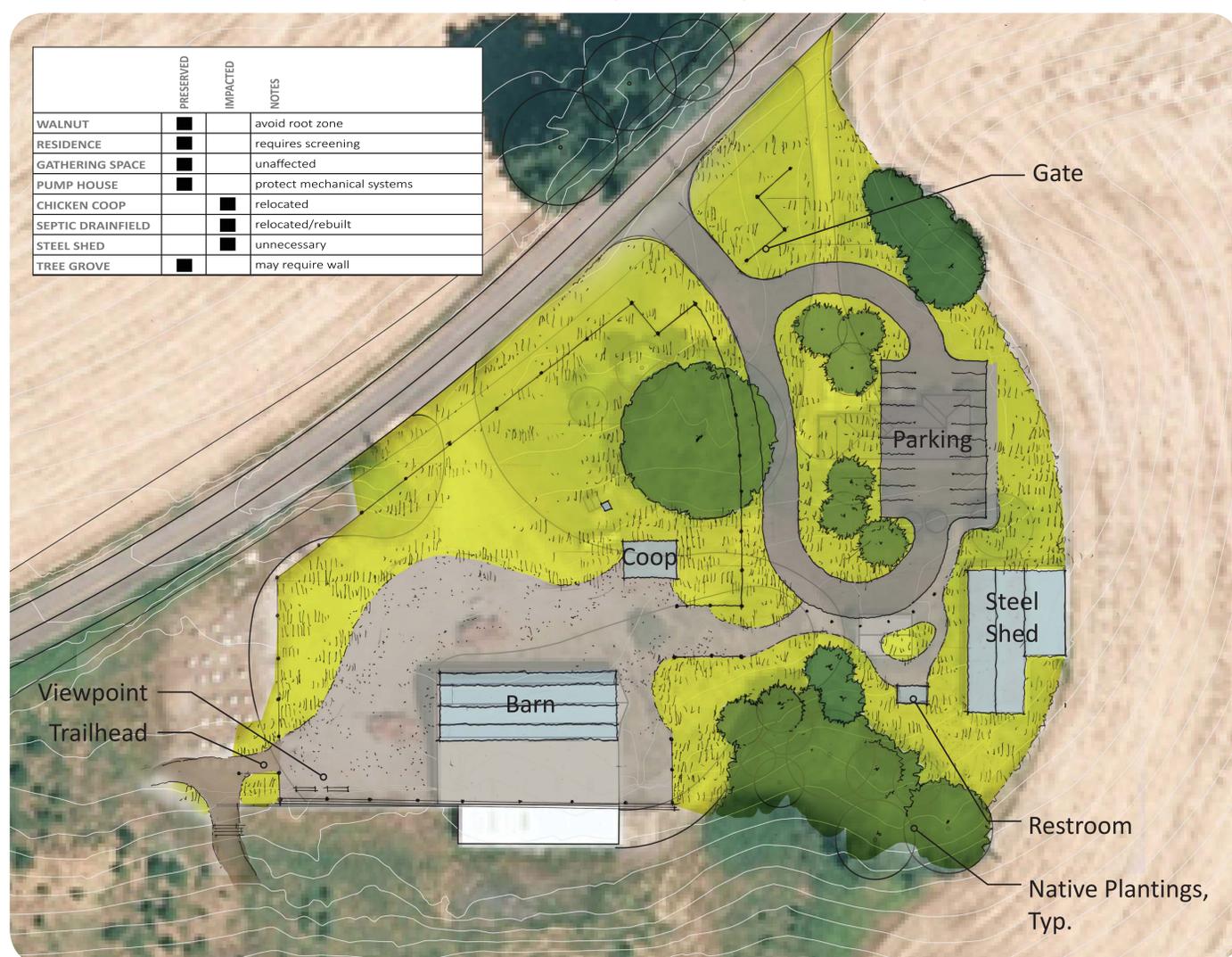
## Idea Two: Entry Road Adjacent to Field



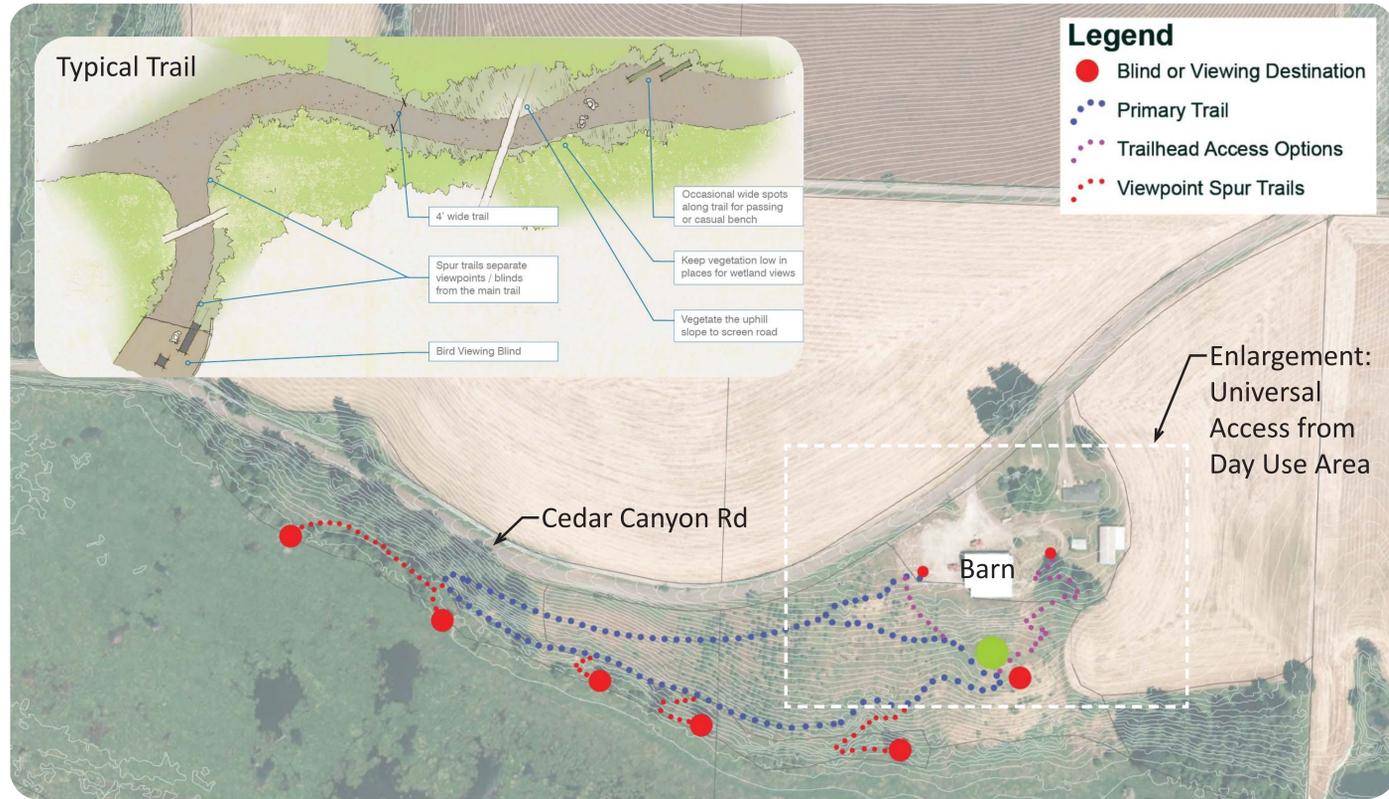
## Idea Three: Loop Entry Road



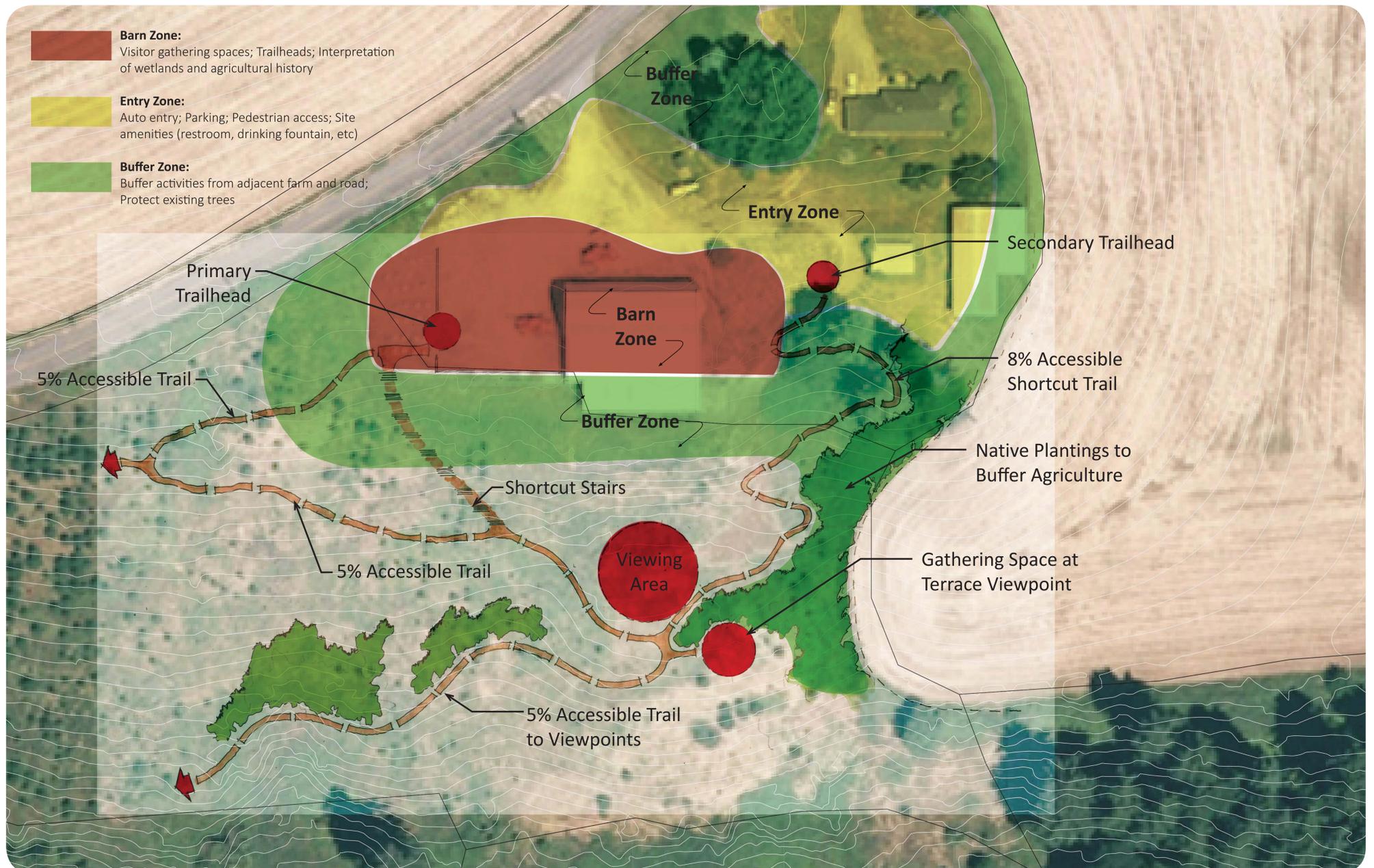
## Idea Four: Maximize Openspace by Barn



## Trail Destinations / Routes

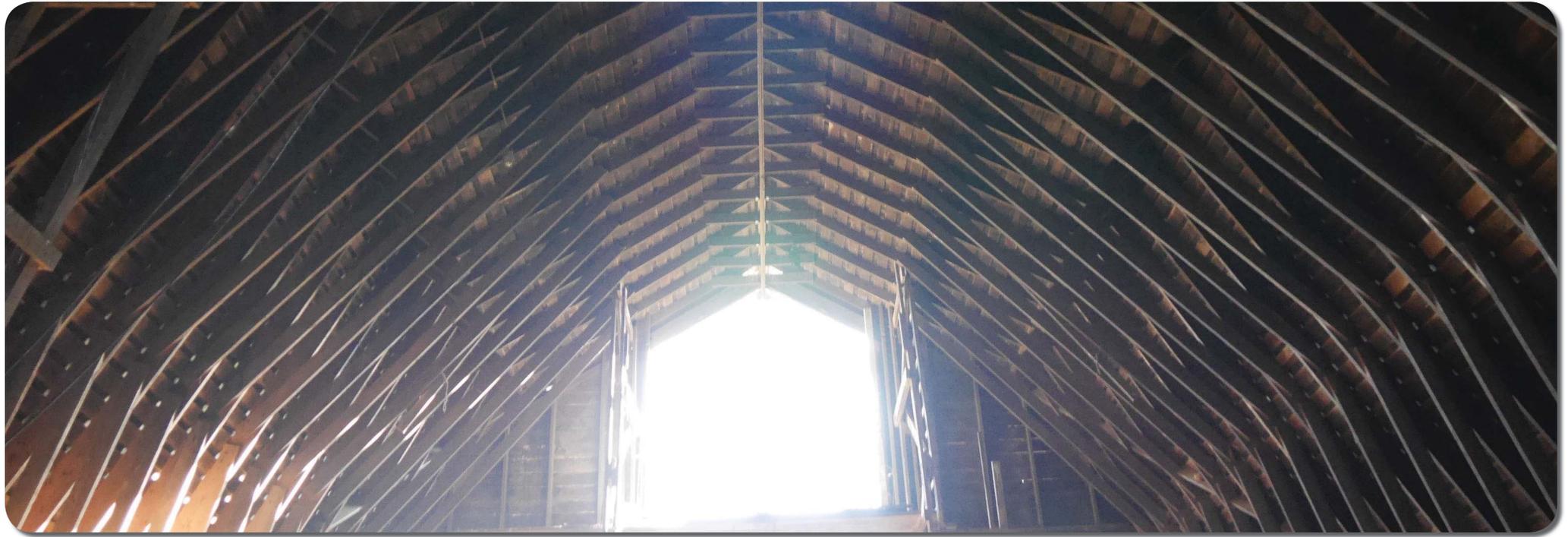


## Universal Access from Day Use Area



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# BARN OPTIONS



## PROGRAMMING MATRIX

FUTURE PHASE 2	Year 5		Hay Loft Access				On site Ornithologist Cabins	On-Site Classroom and Naturalist	Interpretive Center Provides Regional Support		New Accessory Structures Expand Capacity	Classroom / Boardroom		
	Year 5				Restroom Building Construction	Interpretive Center								
FUTURE PHASE 1	Year 3	Windows, Doors, Paint	Phase 3 Design				Barn as Bird Blind	Summer Programs & Camps	Audobon Partnership Interpretive Center		Events / Weddings in the Hay Loft	Corporate Retreat in Hay Loft		
	Year 3			Supports signage, maps, docent program	Temporary Restrooms & Visual Blind	Mobile / Temporary Facilities		Is Possible Currently	Mobile / Temporary Facilities		Market in the Hay Loft	Lower Level could support outdoor events	Lower Level could support outdoor events	
STABILIZATION	Year 1	Halt Decay & Secure Barn	Design for Future Programming											
	Year 1			Establishes "Place"		Temporary Facilities		Exists Currently	Is Possible Currently	Is Possible Currently	Is Possible Currently	Is Possible Currently with Temporary Shelter		
EXISTING	Current Facilities	Stabilize	Maintain	Current Facilities	Restrooms	Snacks & Shelter	Current Facilities	Hobby Ornithologists	Local & Regional School Programs	Metro Partner Programs I.e. Audobon	Current Facilities	Farmer's Market	Weddings/ Events	Corporate Gatherings

Immediate Needs

Barn as Site Icon & Program Support

Educational / Naturalist Programs

Income Generation



# KILLIN WETLANDS NATURAL AREA EDUCATION



## PROGRAMS FOR STUDENTS

- Killin Wetlands could be a wonderful site for nature immersion field trips for students and teachers from area schools, from second grade through high school.
- The site could be a “Living Laboratory” for students at local area schools. Teachers could conduct self-guided field trips or research projects of varying length and complexity.

## PROGRAMS FOR THE PUBLIC

One-time or series of programs could include topics such as:

- Bird ID and Bird Language
- Agricultural Heritage
- Hydrology
- Programs for Youth
- Volunteering Opportunities



## PROGRAMS FOR GROUPS

Have a group of friends, birding group, scout troop or faith community that would like to experience Killin Wetlands together? Gather friends and family to restore habitats or find another volunteer opportunity: [oregonmetro.gov/volunteer](http://oregonmetro.gov/volunteer)

Once construction has been completed for public access features, the site will be open for self-guided or self-taught nature-based programs.