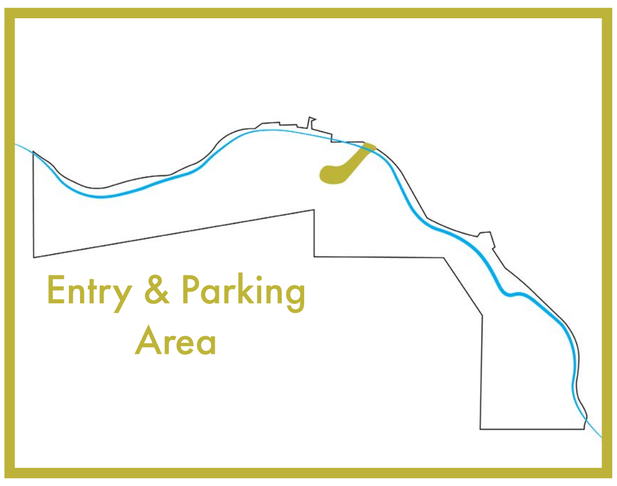
Opportunity Area

Entry, Parking & Facilities

What's planned:

To improve the existing parking area and reduce maintenance, the design proposes to pave the parking lot; adjust its shape to increase efficiency; provide handicap accessible spaces.

- Two (2) year-round public toilets
- 1,000 sq. ft. (max) storage building for maintenance equipment
- Donor Recognition Wall ($1,000+)
- History and Preserve Map
- Bike Racks
- Leash Hook Board



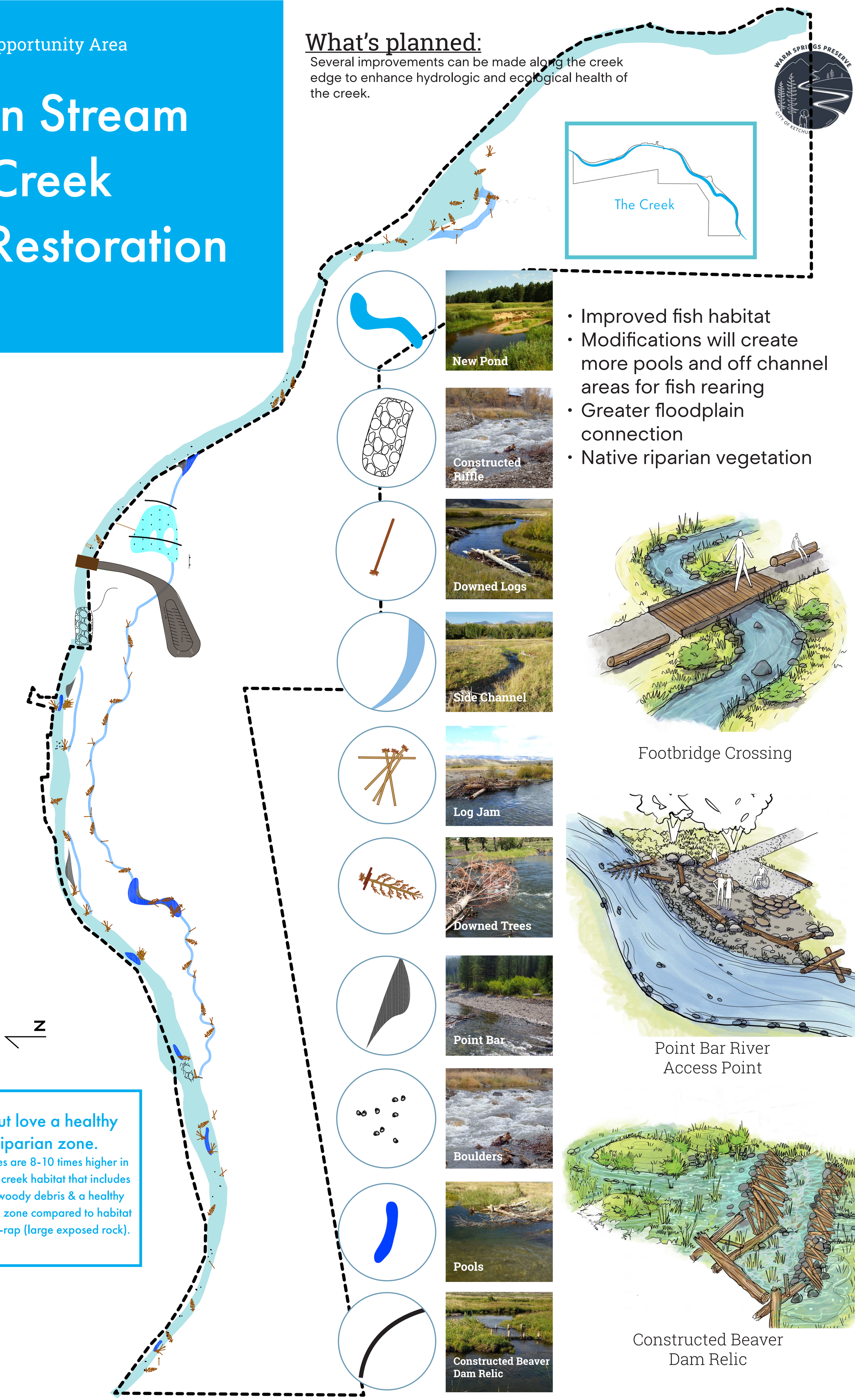
The proposed restroom and storage building will be compact and efficient while providing needed services and facilities to support the preserve. It will include two (2) toilets for year round use, storage for maintenance, water fountains for people and dogs, waste receptacles, donor wall to recognize community supporters, a trail map, bike racks and sheltered seating. This concept provides ample screening by placing the small structure in the existing grove of trees and augmenting the grove with additional screening.

Opportunity Area

In Stream Creek Restoration

What's planned:

Several improvements can be made along the creek edge to enhance hydrologic and ecological health of the creek.



- Improved fish habitat
- Modifications will create more pools and off channel areas for fish rearing
- Greater floodplain connection
- Native riparian vegetation

Footbridge Crossing

Point Bar River Access Point

Constructed Beaver Dam Relic

Trout love a healthy riparian zone.

Densities are 8-10 times higher in healthy creek habitat that includes large woody debris & a healthy riparian zone compared to habitat with rip-rap (large exposed rock).

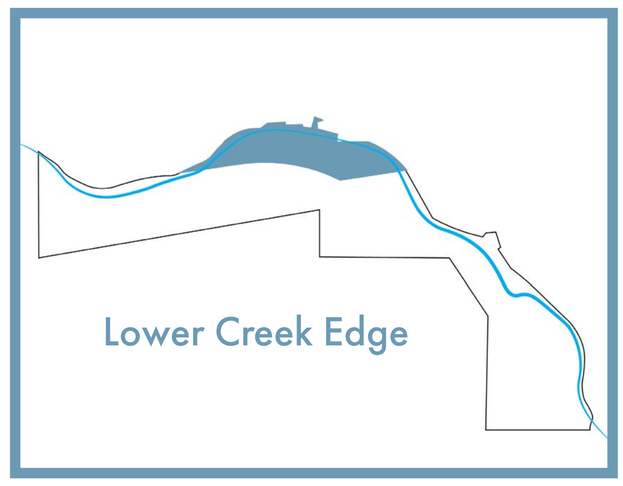
Opportunity Area

Enhanced Floodplain & Lower Creek Edge

What's planned:

The lower creek edge area is proposed to expand and enhance the floodplain to restore ecological services and wildlife habitat. Excavated materials can be utilized as berms in the middle terrace creating microclimates for the native plants.

- Possibly extensive grading & earthworks
- New side channel and pond
- Gravel islands and bars
- Low water crossings for ephemeral channels
- Small bridges for year-round flows
- Expanded tree canopy



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Example Channel with Native Riparian Vegetation

Point Bar River Access Point

Example Restored Floodplain

Riparian Forest with Cottonwood, Willow, Aspen, Alder and other Native Grasses and Shrubs.

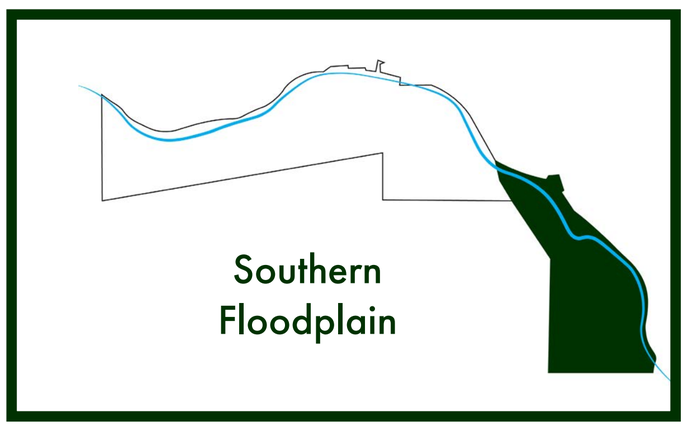
Opportunity Area

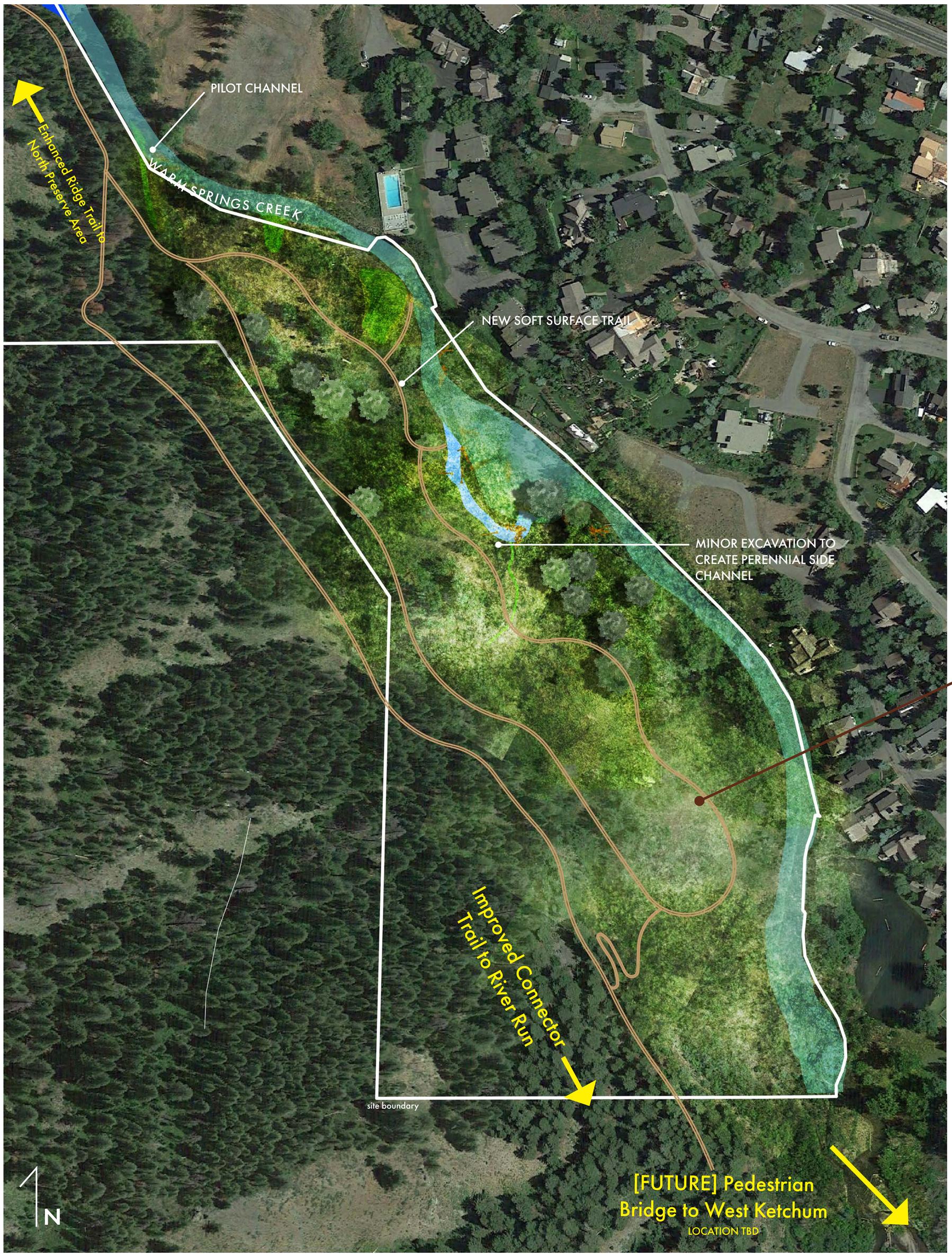
Southern Floodplain

What's planned:

The intent for this area is to celebrate and preserve the existing floodplain along the Creek while improving access and connections. The southern property has been minimally touched by humans which has allowed native ecosystems to thrive. However, some minimal improvements can make it even better. Despite less impact in this area, the stream lacks pools and habitat complexity while the floodplain is not well connected and has many weeds. Minimal changes include removal of invasive plant species and overseeding and planting of targeted native plants for enhanced restoration.

- Light touch, minor enhancements
- Minor grading
- Strategic floodplain connections
- Soft surface pathways
- Removal of invasive species






SOFT SURFACE TRAIL


RIPARIAN FOREST

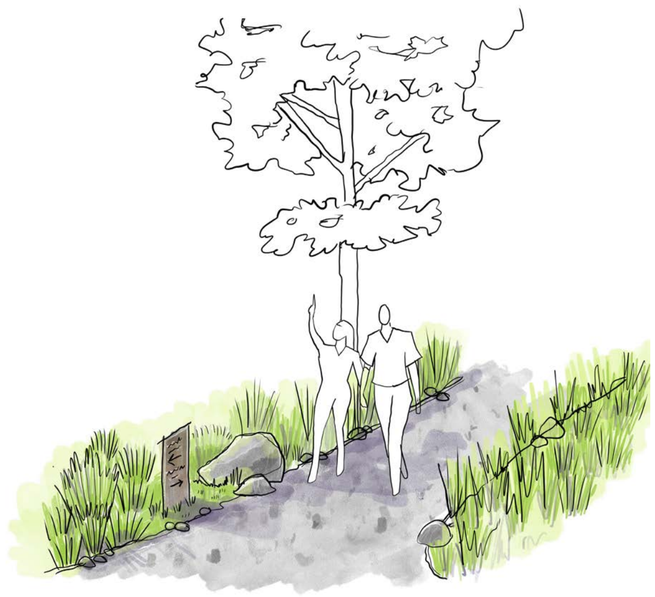


Illustration of Proposed Soft Surface Path through Existing Native Landscape

Scale - 1:100

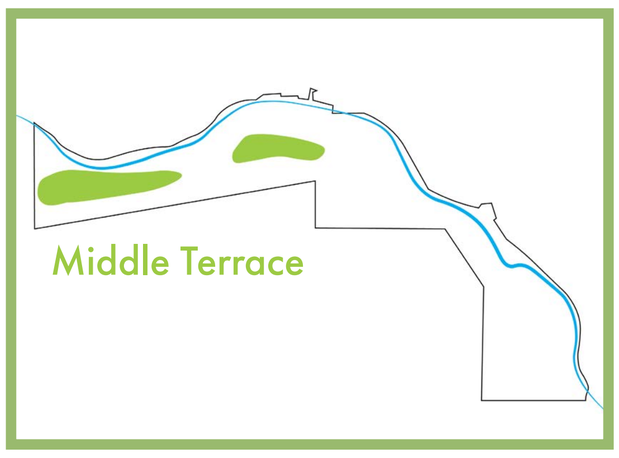
Opportunity Area

Middle Terrace

What's planned:

The middle terrace area is proposed to be non-irrigated and therefore replanted with native grasses and meadow plants. Some of the extra earth material from the restoration excavation can be utilized as berms that would create microclimates for the native plants.

- Potential for seasonal native wildflower meadow
- Enhanced biodiversity & pollinator species
- Non-irrigated
- Mown pathways



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Example section showing berms with native grasses, shrubs and flowers

Wheatgrass
Pascopyrum

Snowberry
Symphoricarpos

Bluebunch
Pseudoroegneria spicata

Idaho Fescue
Festuca idahoensis

Sagebrush
Artemisia tridentata

Arrowleaf Balsamroot
Balsamorhiza sagittata

Lupine
Lupinus

Larkspur
Delphinium

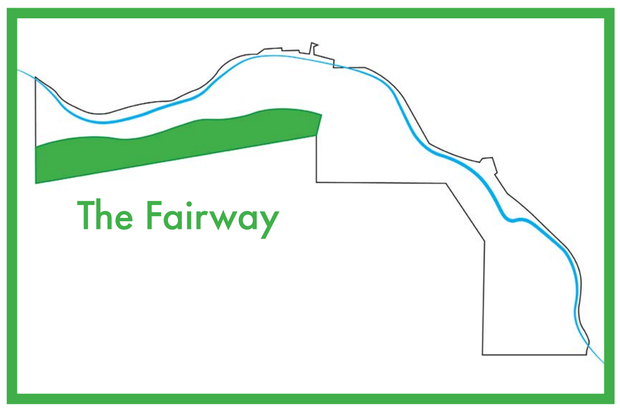
Common Camas
Camassia quamash

Pearly Everlasting
Anaphalis margaritacea

Illustrative image of Middle Terrace with native meadow berms and grass pathways

Opportunity Area

The Fairway



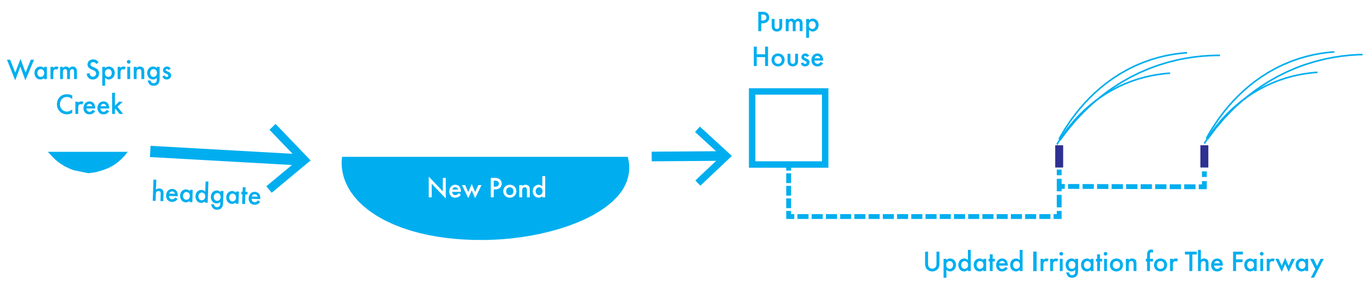
What's planned:

The existing upper Fairway is a unique and special landscape that is loved by Ketchum residents and dogs alike. Minimal changes are contemplated and the Fairway will be preserved as an open irrigated lawn. Some improvements are needed to upgrade the irrigation system for water efficiency and amenities such as new benches, picnic tables and waste receptacles will also improve visitors' comfort. Existing path will be will be updated to ensure ADA access.

- Maintain upper terrace fairway
- Replace inefficient irrigation system
- Opportunities for benches & picnic tables (material TBD)
- Maintain lawn with some restored edges
- Potential for bear-proof dog waste receptacles
- Update existing path to ensure ADA access

How will the new irrigation system work?

The new irrigation system will be much more efficient, and will run at only at night!



Did you know that currently WSP uses 80% more water per acre than the ballfields at Atkinson Park?

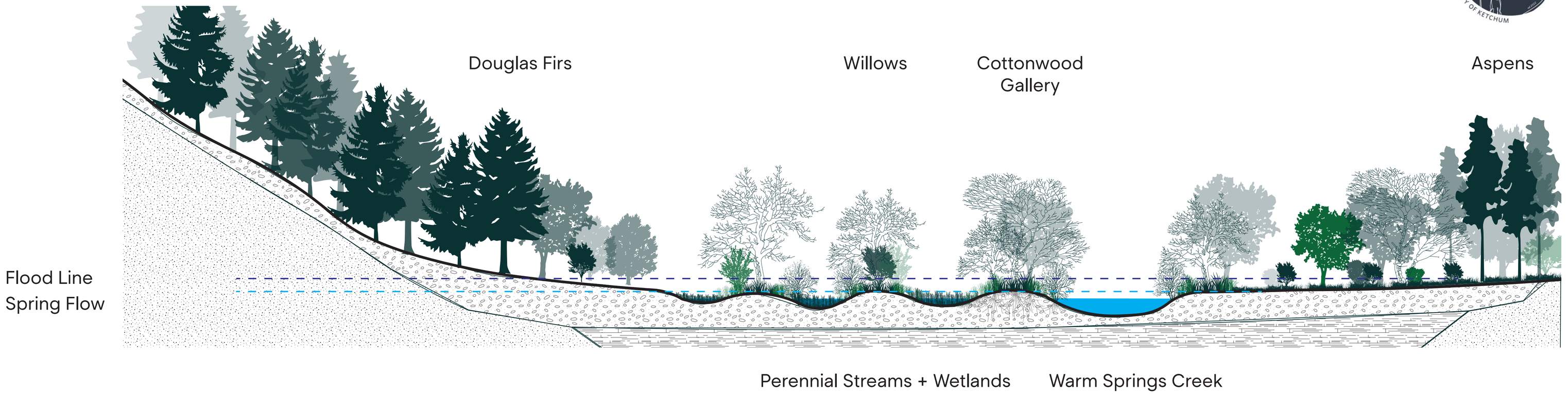
In July 2022:

Atkinson Park:	Warm Springs Preserve:
9.5 acres @ 1.25mil gal	**10.5 acres @ 2.5mil gal**
131,500 gal/acre	238,000 gal/acre

Historic Geologic Sections

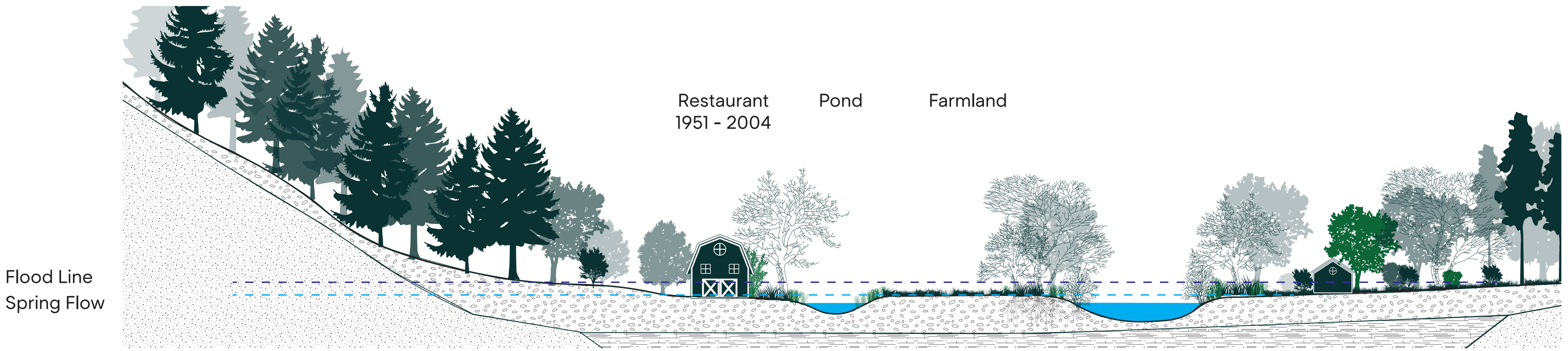
Alluvial Floodplain Pre-1800

In this condition, the area where Warm Springs Preserve currently exists acted as an alluvial floodplain containing multiple meandering streams and floodable areas.



Farm + Restaurant 1800 - 1950s

As people moved to the area and used the land for other purposes such as farming and recreation, the floodplain was lost.



Golf Course 1960 - 2009

Intensified development has limited the creek's natural ability to move and flood healthily. As the development and weather patterns change, the threat to residents and the creek itself will intensify.