



WHERE DO YOU LIVE?



WHY RESTORE TAYLOR CREEK?



OUR COMMUNITY FACES:



Failing and aging infrastructure.



Sediment deposition on private and public property.








Loss of shallow water habitat and blocked salmon access to watershed.



Localized flooding.

THE PROJECT WILL:




-  Improve the creek channel and surrounding habitat.
-  Improve fish passage.
-  Address storm-related flooding and sediment deposition at the mouth of the creek to the extent feasible.
-  Provide public access to the new natural area north of Rainier Avenue South, once construction is complete.
-  Construct corridor safety improvements in coordination with the Seattle Department of Transportation.



EXAMPLES OF OTHER SUCCESSFUL RESTORATION PROJECTS

LOWER MAPES CREEK RESTORATION PROJECT

8650 55th Avenue S, Seattle WA 98118

-  Improved habitat for salmon and aquatic species.
-  Moved creek out of storm pipe and opened creek to Lake Washington through Beer Sheva Park.
-  Included park improvements.



BEAVER POND NATURAL AREA



13002 10th Avenue NE, Seattle WA 98125

-  Improved wildlife habitat and restored creek.
-  Provided safety improvements.
-  Provided natural area amenities.



THORNTON CREEK IMPROVEMENT

2036 NE 98th Street, Seattle WA 98125

-  Increased floodwater storage on floodplain.
-  Improved salmon habitat.





Seattle
Public
Utilities

WHAT'S YOUR FAVORITE NATURAL AREA IN THE CITY, AND WHY?

[POST YOUR RESPONSE
ANYWHERE ON THIS BOARD]



WHAT WE'VE DONE SO FAR

1

IDENTIFIED PROJECT NEED(S)

Defined key problems the project should address, including failing and aging infrastructure; sediment impacts on private and public property; and localized flooding and fish passage.

2

ACQUIRED PROJECT AREA

Purchased property at lower reaches of Taylor Creek.

3

COMPILED POTENTIAL SOLUTIONS

Identified 26 planning concepts that could address project needs.

4

PERFORMED INITIAL REVIEW

Evaluated planning concepts with regard to technical feasibility, cost-effectiveness, and community and environmental impact. Six concepts prioritized.

5

EXPANDED PROJECT AREA

A key property became available for purchase, enabling more design flexibility.

6

REFINED CONCEPTS

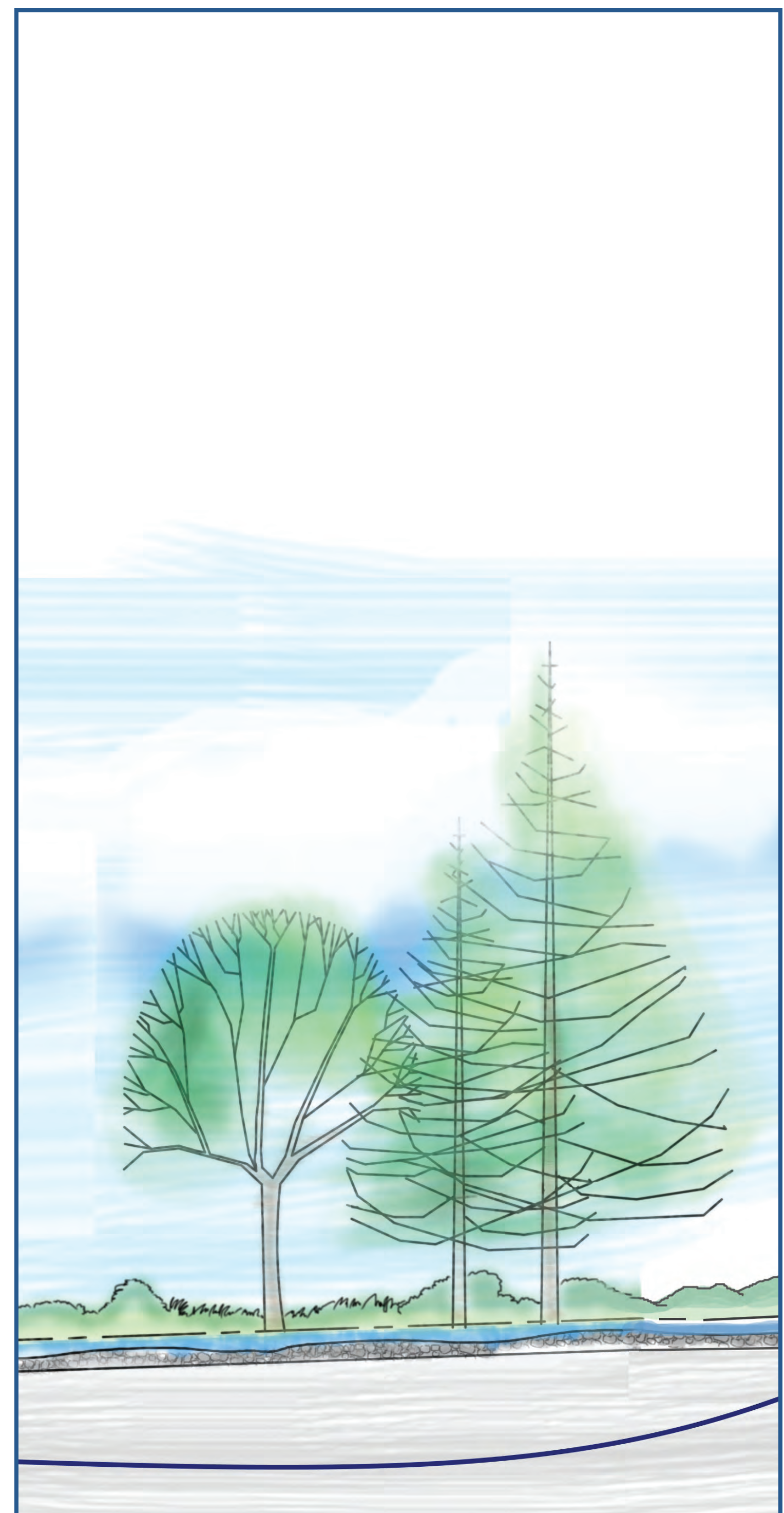
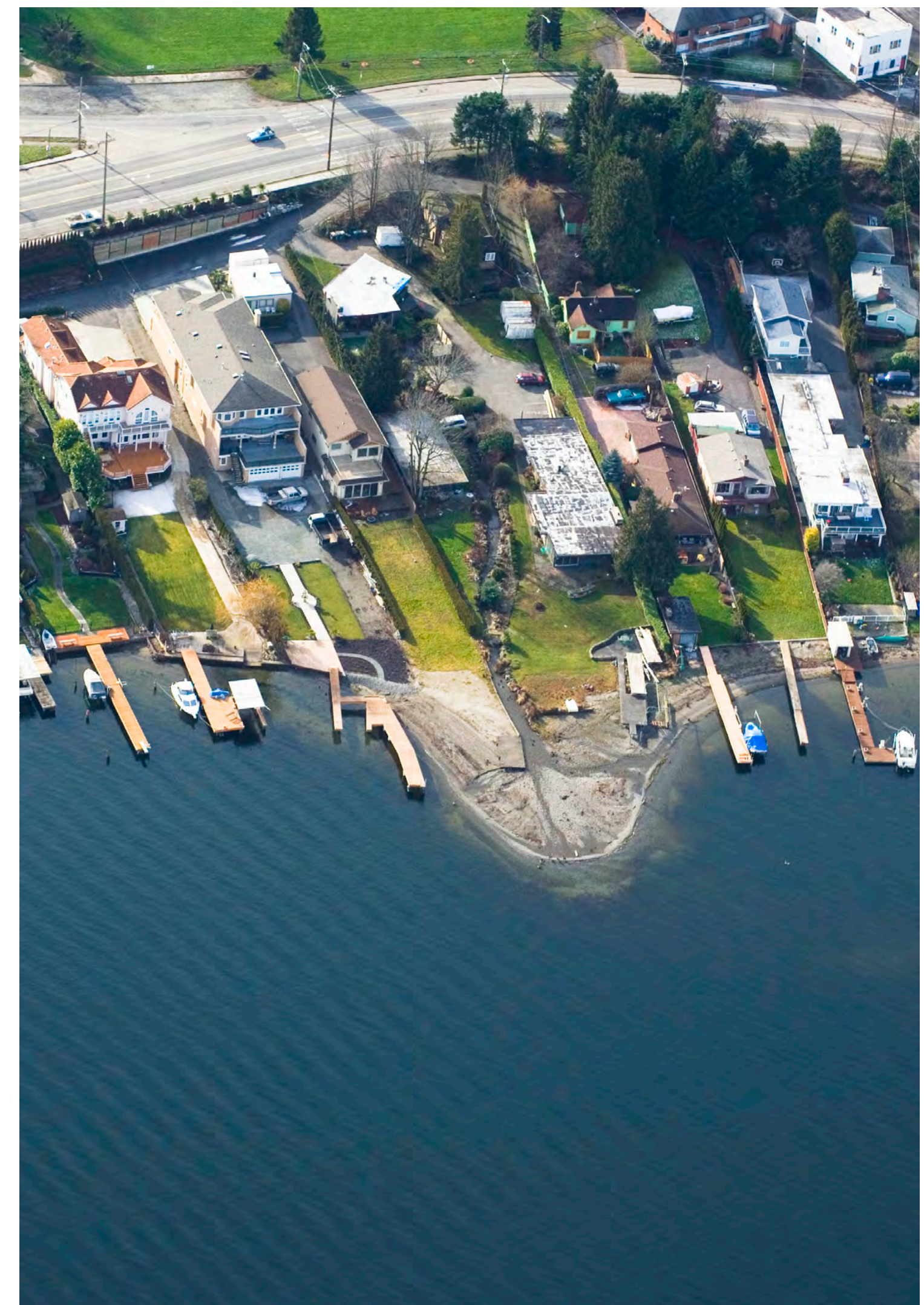
Re-visited the 6 top-ranking planning concepts and identified 3 concepts that fall entirely within the new project boundary.

After receiving community input, SPU announced a pre-design creek alignment and purchased 2 more properties adjacent to the alignment to allow for a more flexible design.

7

TODAY: PRESENTING NATURAL AREA DESIGN CONCEPTS

Hosting community drop-in session to collect feedback on the natural area design.





PRE-DESIGN CREEK ALIGNMENT





IMPROVEMENTS AHEAD!

The Taylor Creek Culvert Replacement project will construct corridor safety improvements in coordination with the Seattle Department of Transportation. Improvements include:

1

SAFER INTERSECTION

Better definition of the Rainier Avenue South and Cornell Avenue South intersection to increase safety for vehicles, pedestrians, and cyclists.

2

CONNECTED SIDEWALKS

Sidewalk extension on the south side of Rainier Avenue South across Cornell Avenue South, with improved curb ramps.

3

BETTER CROSSING OPTIONS

Rainier Avenue South pedestrian crossing west of Cornell Avenue South, with center-lane refuge islands.





PLANNING CONCEPTS **MUST HAVES**

Concept Considerations	
Key Element	Goal
Habitat Enhancement	Enhance habitat at the shoreline.
Meets Washington Department of Fish and Wildlife Standards	Keep creek similar to natural conditions for fish as required by the Washington Area Code (WAC 220-110-070).
Natural Area with Restoration	Remove 4 houses, restore site with natural plantings and other natural features. Create new natural area owned by Seattle Parks and Recreation.
Public Access	Provide public access to Lake Washington.
Fits Under Road Section and Avoids Utility Conflicts	Keep the road and avoid existing sewer line.
Sedimentation Management	Improve sedimentation management through creek channel.
Drop	Remove the 4-foot drop to allow for fish passage.



CHOOSE YOUR PATH

USE YOUR "DOT" TO SELECT YOUR FAVORITE MATERIAL



a. Asphalt

a



b. Gravel / crushed stone

b



c. Woodchip

c

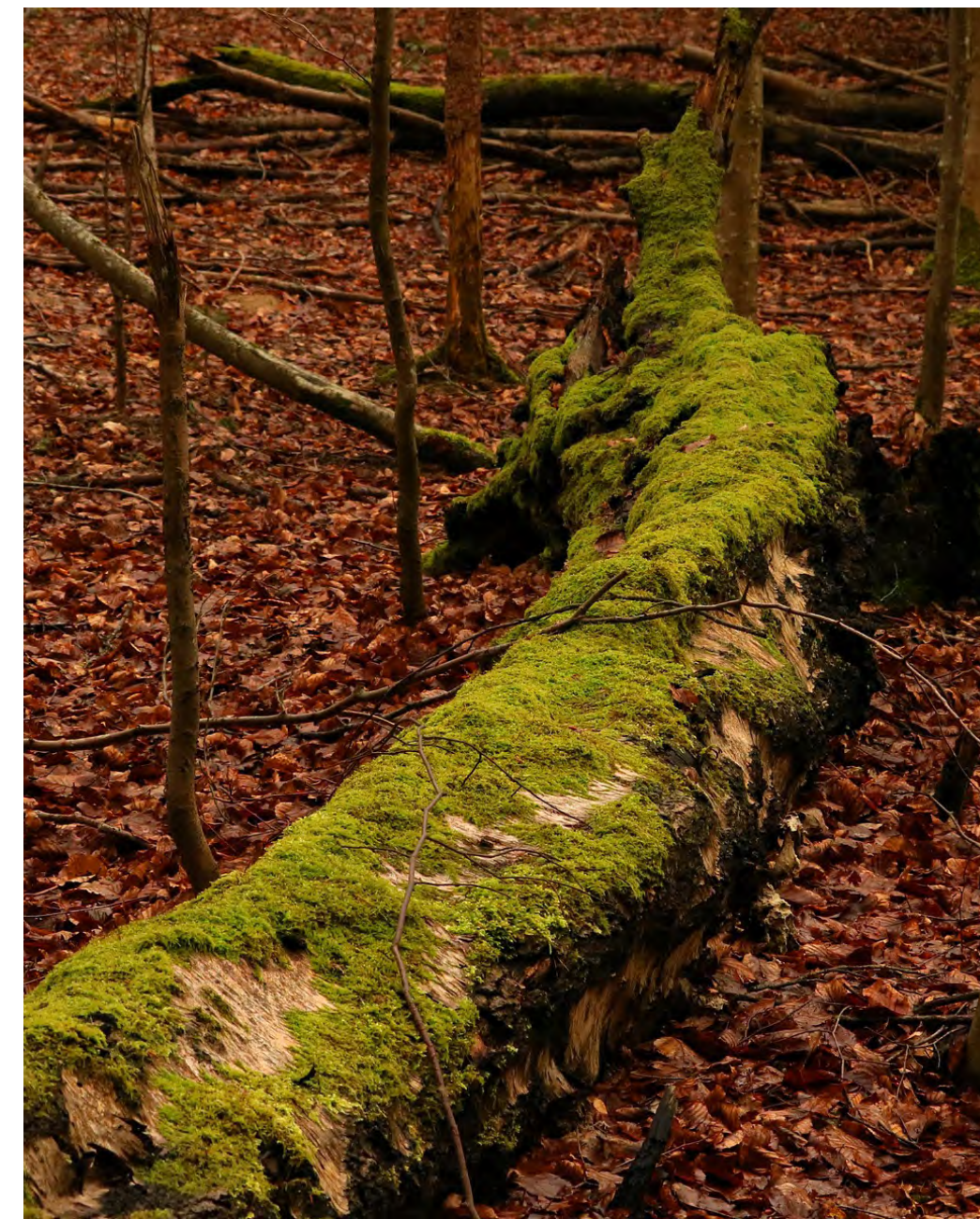


CHOOSE YOUR SPOT

USE YOUR "DOT" TO SELECT YOUR FAVORITE SEATING OPTION



a. Boulder



b. Log



c. No seating

a

b

c



CHOOSE YOUR FEATURES

USE YOUR "DOTS" TO SELECT YOUR FAVORITE HABITAT FEATURE(S)



a. Bat box

- Seed spreading
- Pest control (mosquitos)
- Educational opportunity

a



b. Bird box

- Pest control
- Flower pollination
- Educational opportunity

b



c. Snags

- Bird and small animal habitat

c



d. Large woody material

- Improves fish habitat
- Creates pools
- Provides fish coverage

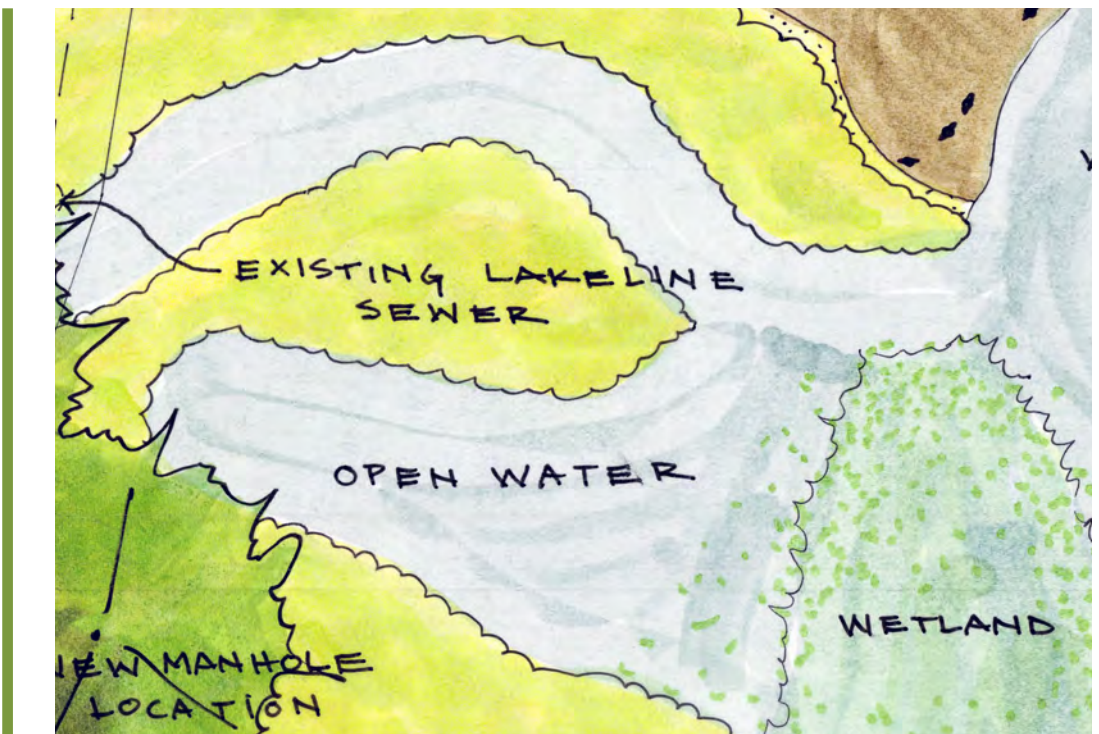
d



e. Brush pile

- Bird and small animal habitat

e



f. Open water

- Creates pools
- Improves fish habitat

f



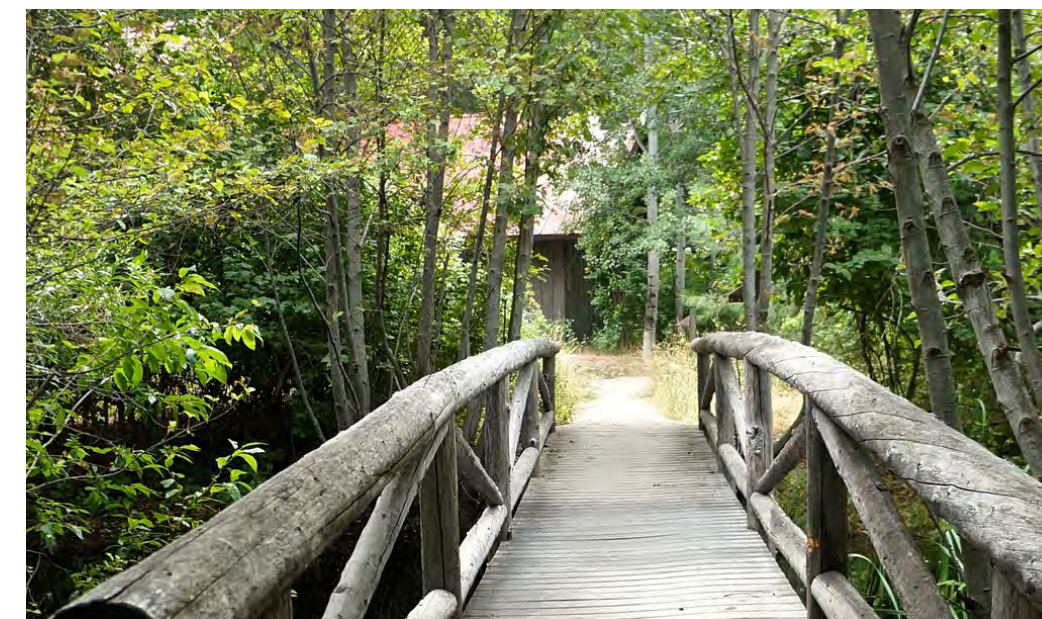
CHOOSE YOUR WAY

USE YOUR "DOT" TO SELECT YOUR FAVORITE CREEK CROSSING



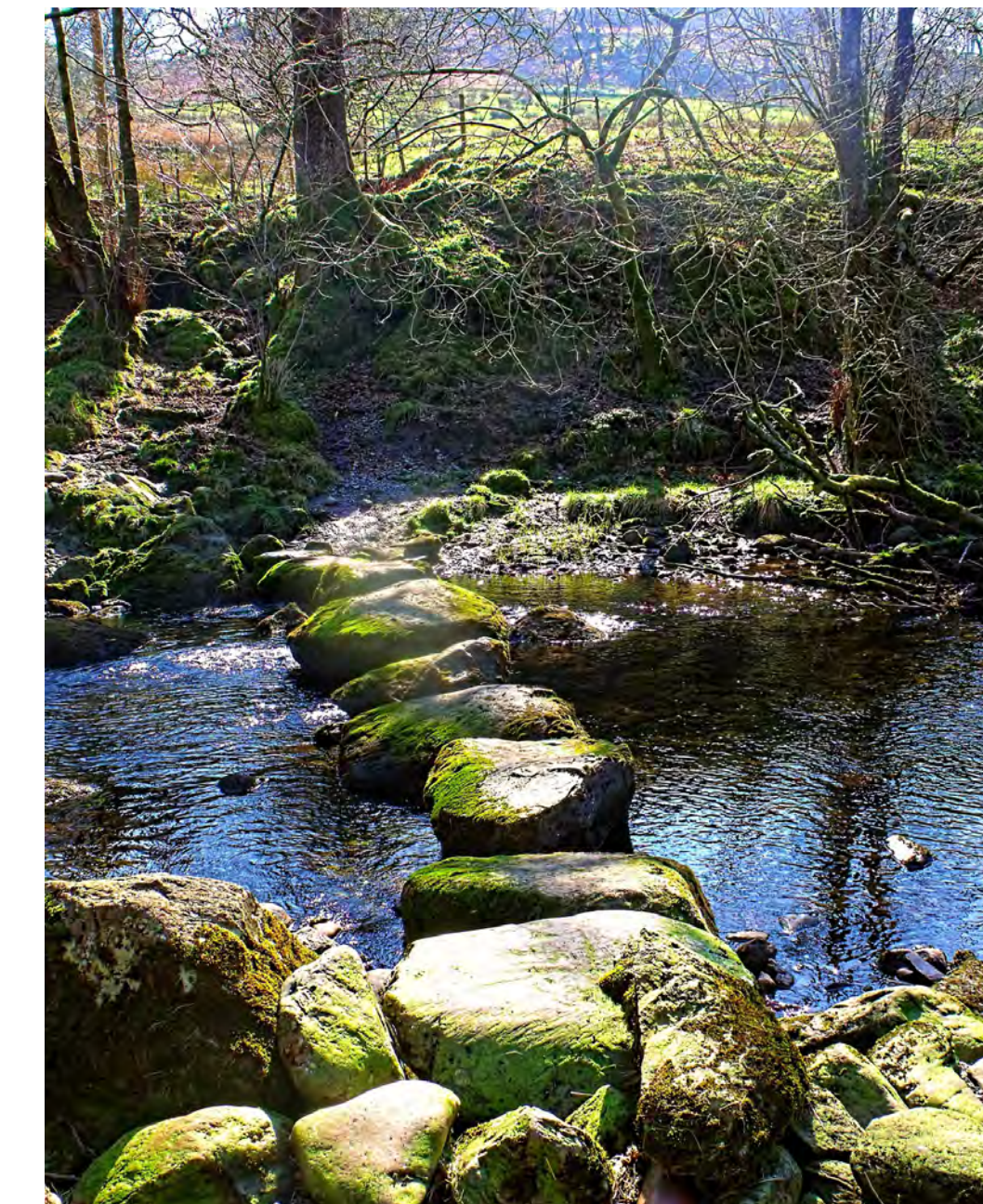
a. No creek crossing

a



b. Foot bridge

b



c. Stepping stones

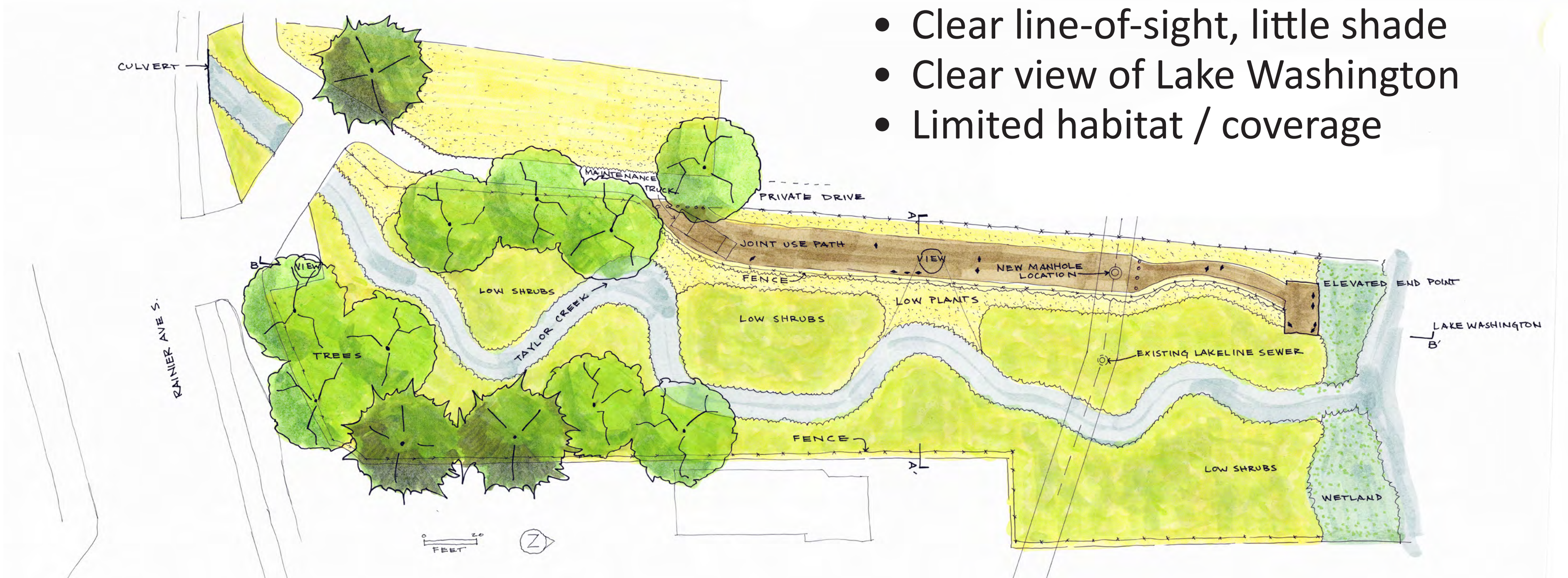
c

CHOOSE YOUR CANOPY

USE YOUR "DOT" TO SELECT YOUR FAVORITE TREE CANOPY

a

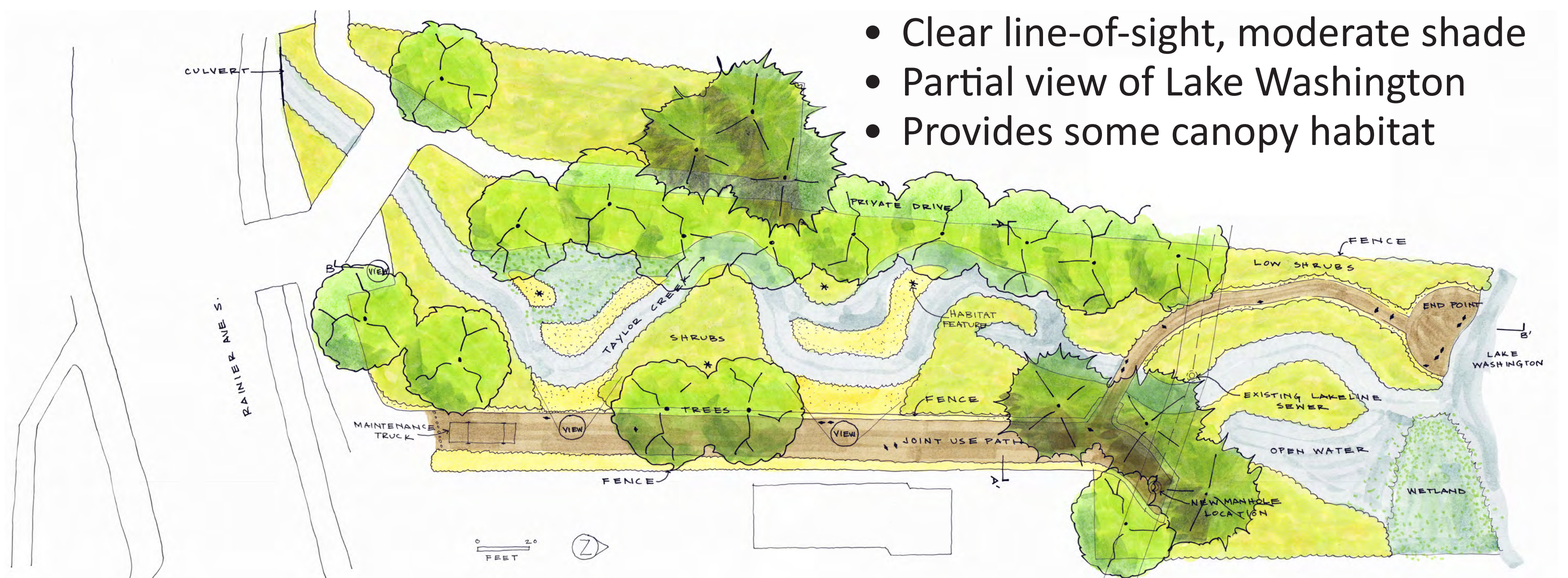
a. Light Vegetation



- Clear line-of-sight, little shade
- Clear view of Lake Washington
- Limited habitat / coverage

b

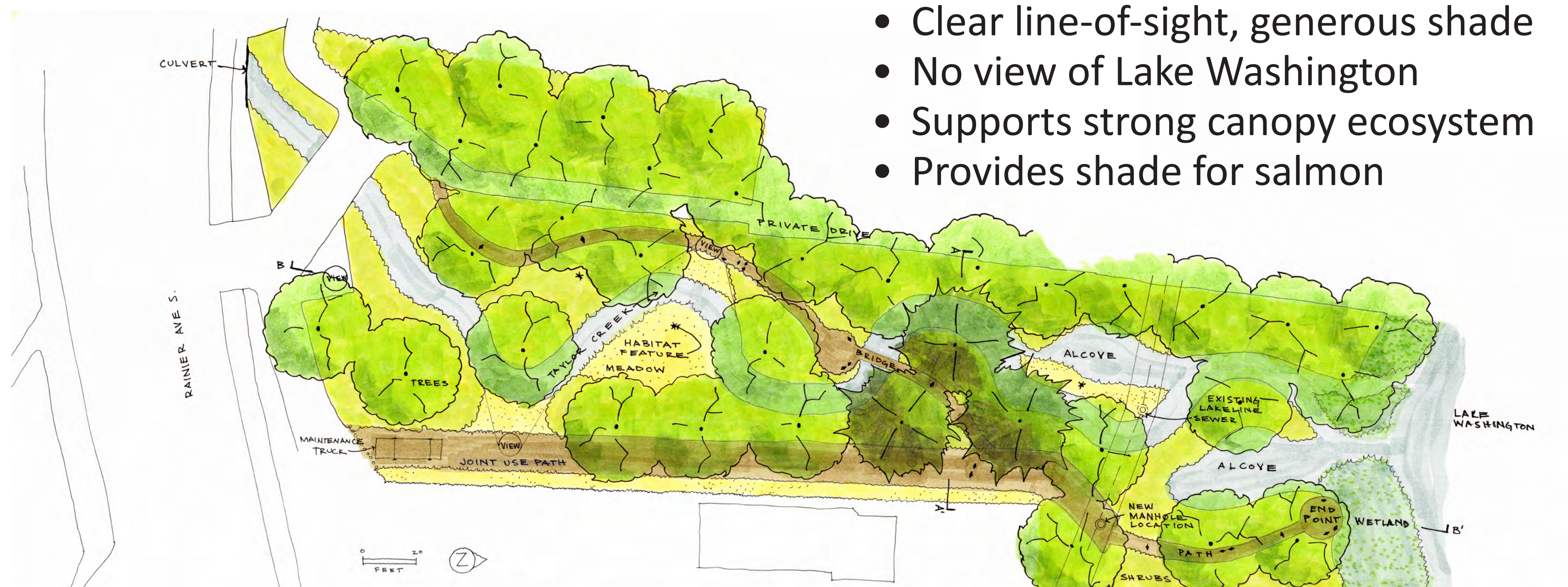
b. Medium Vegetation



- Clear line-of-sight, moderate shade
- Partial view of Lake Washington
- Provides some canopy habitat

c

c. Heavy Vegetation



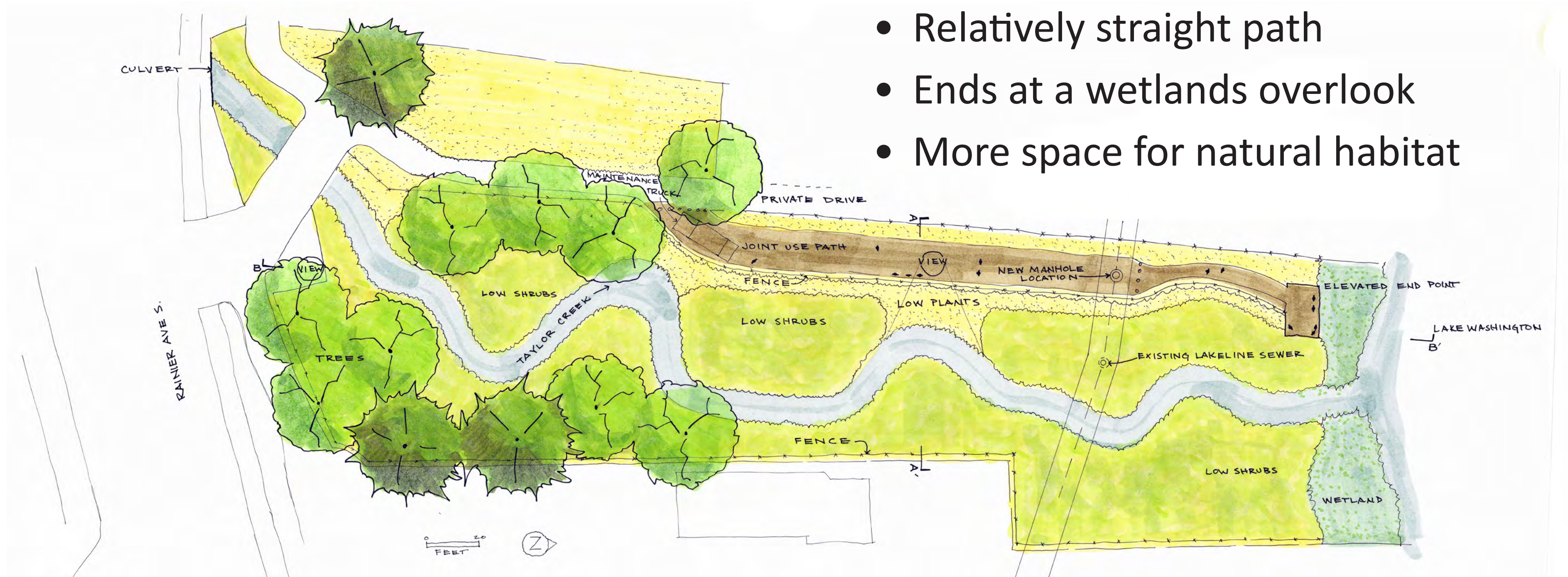
- Clear line-of-sight, generous shade
- No view of Lake Washington
- Supports strong canopy ecosystem
- Provides shade for salmon

CHOOSE YOUR COURSE

USE YOUR "DOT" TO SELECT YOUR FAVORITE PATH ALIGNMENT

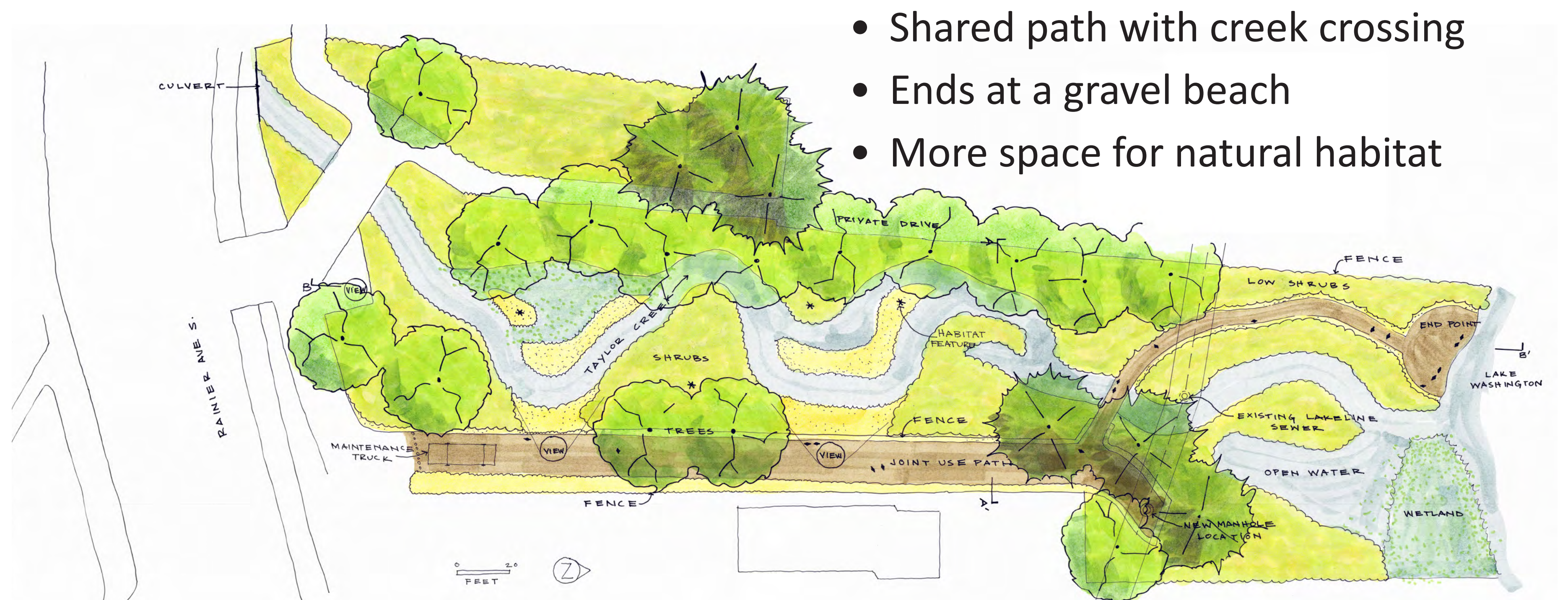
a. Simple Shared Path (Pedestrians + City Vehicles)

a



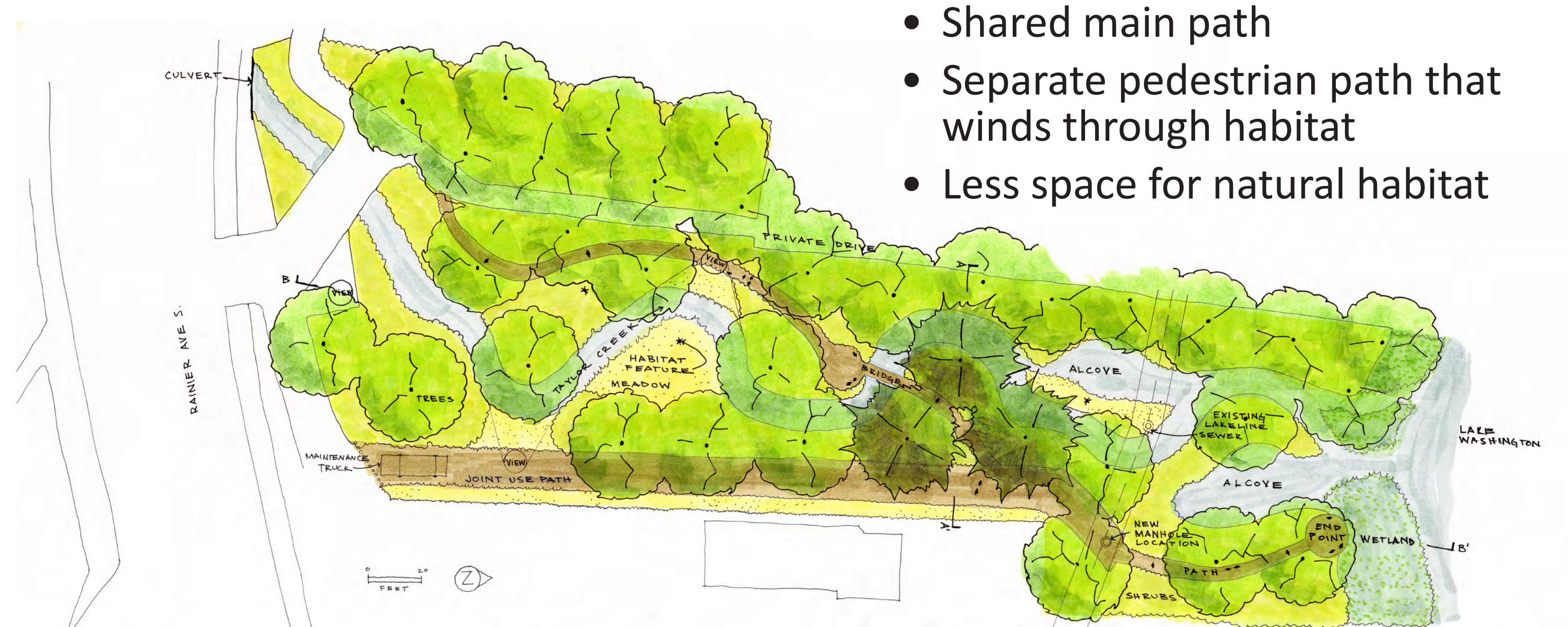
b. Compound Path

b



c. Separated Paths

c



ON THE FENCE

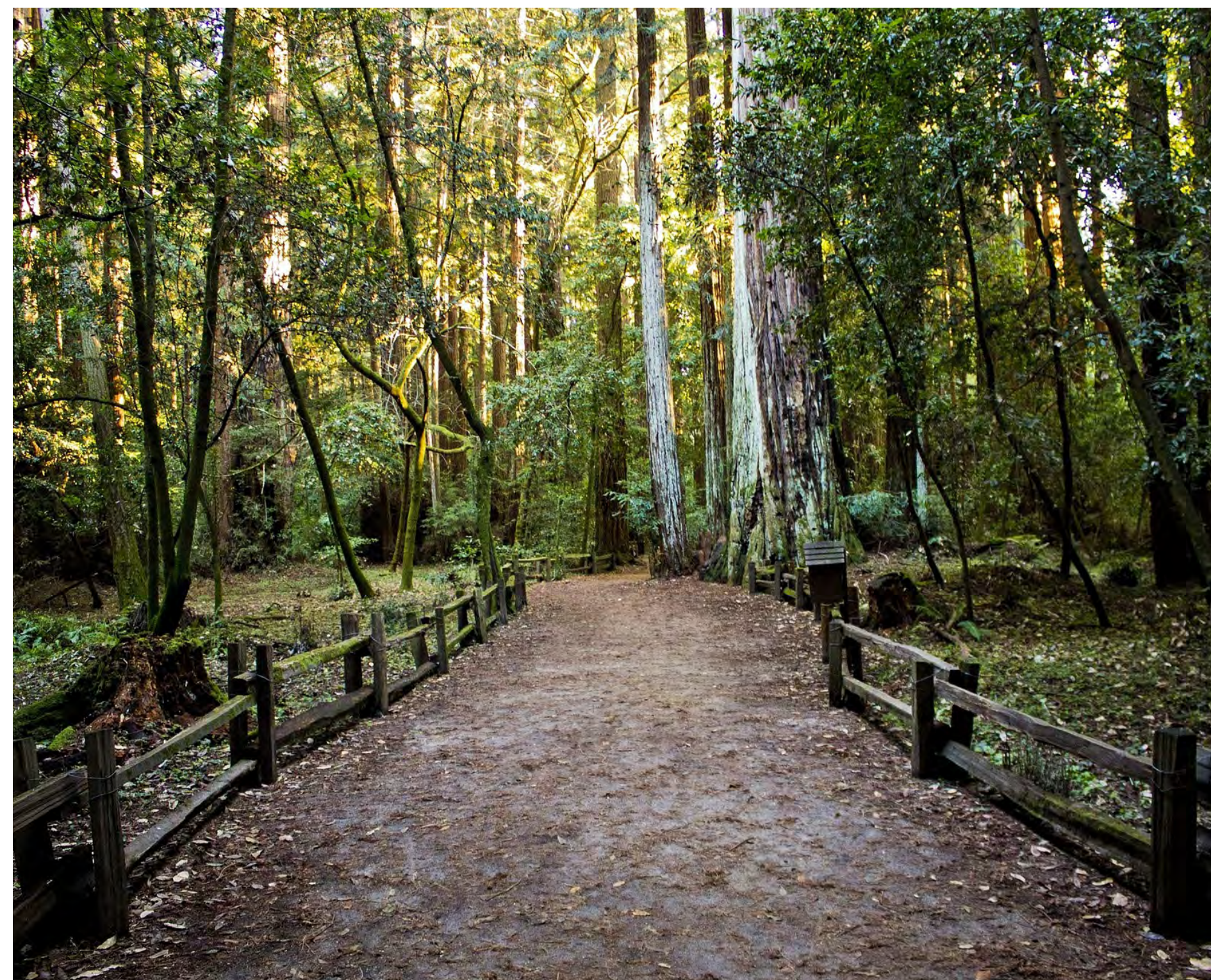
USE YOUR “DOT” TO TELL US HOW YOU FEEL ABOUT FENCING

Would you like the path to be fenced in?

Fences keep pedestrians on designated paths to prevent damage to natural ground covers and habitats. They may be constructed of natural features (like shrubs) or traditional building materials. Fences will not be designed to prevent small mammals or insects from traversing the paths.

YES—I would like the path to include fencing

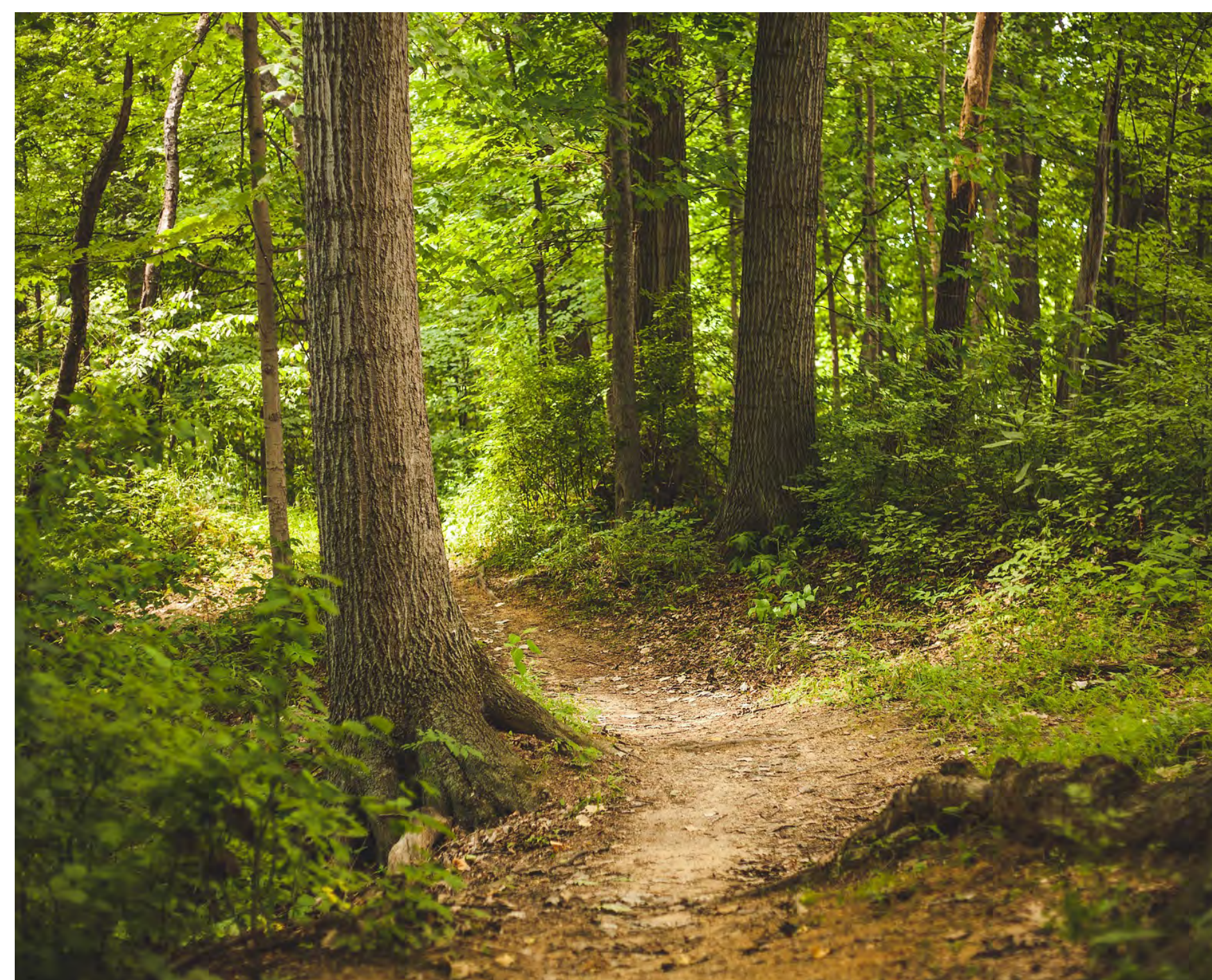
Y



- Protects wildlife from human traffic
- Discourages off-path exploration

NO—I would like the path to be open

N



- Allows human/nature interaction and educational opportunities

WHAT DO **YOU** LIKE BEST ABOUT NATURAL TRAILS?

Wildlife

Solitude

Walking

Jogging

Bird Watching

Salmon Viewing

Fresh air

Socializing

Other

WHAT'S NEXT? DEVELOPING A NATURAL AREA DESIGN CONCEPT



1

NATURAL AREA DESIGN PROCESS

Evaluate the technical and non-technical aspects of natural area design concepts including the following criteria:

Habitat Restoration

Construction and Schedule Risks (Constructability)

Operations and Maintenance

Impacts to Lakeridge Park

Public Safety

Traffic Mobility

Community Input

Present Value of Life Cycle Costs

The project team will evaluate today's feedback when developing design elements for natural area.

2

COMPLETE CONCEPTUAL DESIGN

Complete a natural area conceptual design based on evaluation.

PRESENT NATURAL AREA CONCEPTUAL DESIGN

Present the natural area conceptual design to the community in fall 2017 / winter 2018.