

Lake Myra County Park

Schematic Design

Wake County Board of Commissioners

June 16, 2025



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Agenda

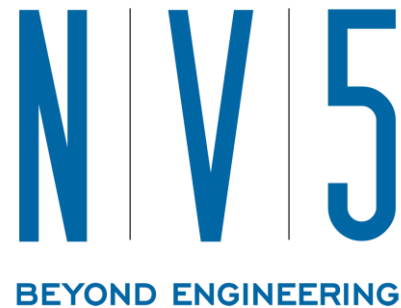
- Team Introductions
- Project Background
- Master Plan Process Review
- Goals and Initiatives
- Park Program
 - Phase 1 - Site
 - Sustainable Design Strategies
 - Park Buildings and Programming
- Summary, Budget and Schedule
- Questions



Project Team



Susan Hatchell
Landscape Architecture, PLLC



Wooten



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Wake County Parks and Open Space Mission and Core Services

Mission Statement:

"Wake County Parks, Recreation and Open Space Division preserves open space, promotes stewardship, and provides equitable and inclusive education and outdoor recreation for a diverse and growing community."

Core Services:

**Recreation &
Leisure**

Open Space

**Educational
Opportunities**

Strategic Plan / Resolutions / Design Guidelines

- Board of Commissioners Strategic Plan
- Wake County Design Guidelines & Standards
- Energy Design and Management Guidelines
- Renewable Energy Resolution (2018)
- Native Plants Resolution (2018)
- Public Art Policy (2017)



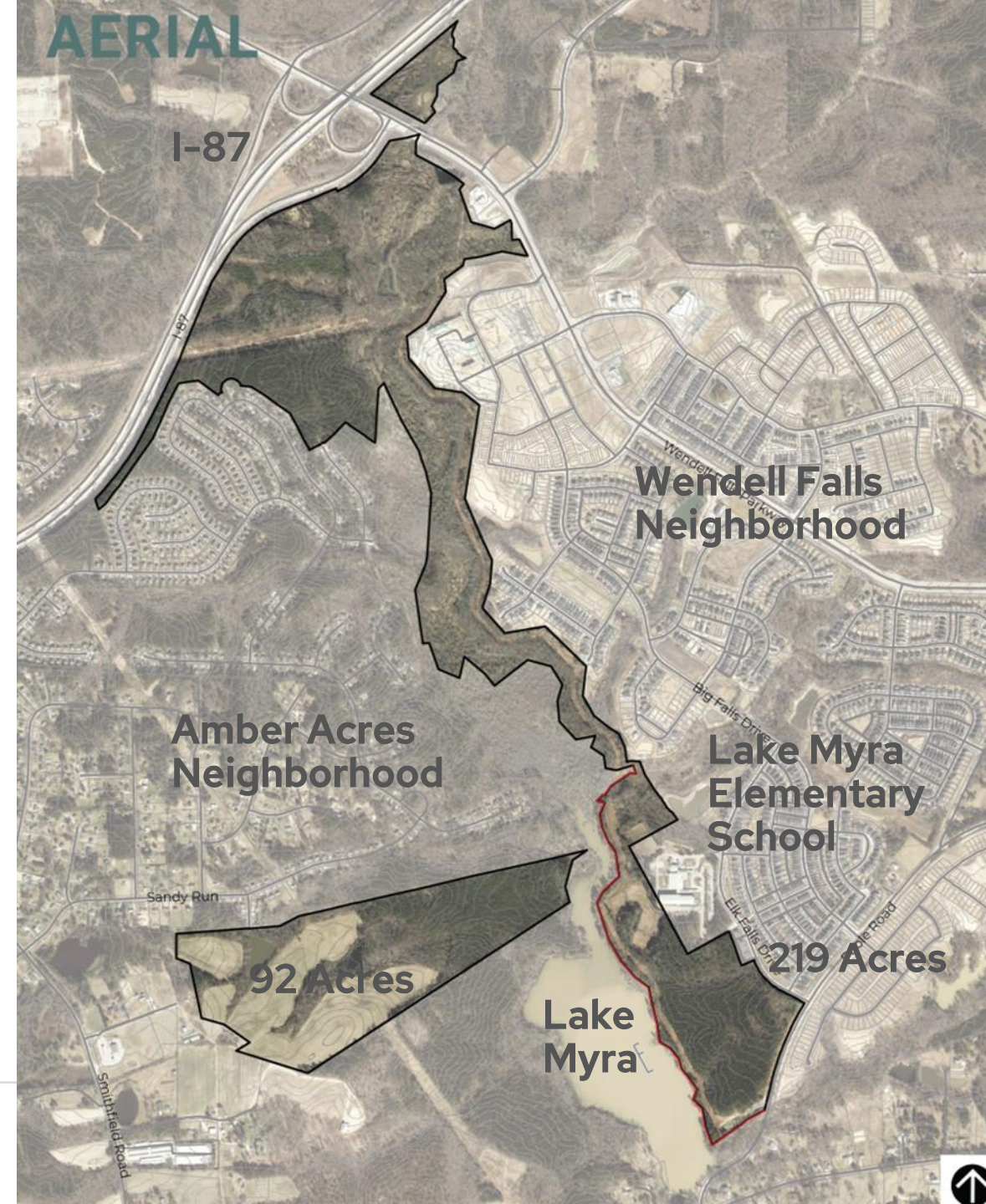
PROS System

- Natural Resource Based
- **9** Existing County Parks
- 3 Existing Nature Preserves
- Current Projects Underway
 - (1) new park in design / permitting
 - (1) new park in bidding
 - (1) new greenway/preserve in design
 - (5) existing parks in design / permitting / bidding
 - (1) existing park in master planning
 - (1) nature preserve expansion in design



Site Context / Need

- Currently - No full County Parks in Eastern Wake County
- Over time - Wendell Falls and Amber Acres Communities have developed
- Lake Myra County Park envisioned and planned for in the 2008 Comprehensive Parks And Recreation Master Plan
- Land Purchased in 2007
- Park will consist of:
 - Western Parcel = 92 Acres
 - Eastern Parcel = 219 Acres



Master Plan Process



SITE ANALYSIS

Study of natural systems, historic and cultural history, and regional connections

COMMUNITY MEETING #1

Site Analysis presentation and introduction of the recreational survey

PROGRAMMING

Draft Park Program that incorporates the results of the Community Meeting and recreational survey

MASTER PLAN CONCEPTS

Prepare several Master Plan Concepts based on feedback from the first Community Meeting, the recreational survey, and the park program

COMMUNITY MEETING #2

Review of the recreational survey results and Master Plan Concepts

PRELIMINARY MASTER PLAN

Prepare a Preliminary Master Plan based on community feedback

COMMUNITY MEETING #3

Review of the Preliminary Master Plan

MASTER PLAN REPORT

Prepare the Master Plan Report

APPROVALS

Finalize the Master Plan Report and gain final approval from the Wake County Board of Commissioners and move forward with design

Community Engagement

(3) In Person Community Meetings

- Direct Mail Postcards (7500 Residents)
- Mobile Texting Service (4200 Residents)
 - (3) Pre-meeting and (1) Post-meeting
- Yard Signs around the park site
- News Release and Media Management
- PROS Project Website
- Wake / Municipality Social Media Promotions
- Flyers
- Media Coverage: CBS-17, WPTF, Wake Weekly



LAKE MYRA COUNTY PARK

Map showing Lake Myra County Park location, including Lake Myra, Marks Creek, and surrounding roads (Smithfield Road, Wendell Falls Parkway, Martin Pond Road, Poole Road). Lake Myra Elementary School is also indicated.

COMMUNITY MEETING

OCT. 18 WEDNESDAY 4-7 P.M.

WENDELL TOWN HALL
Board Room
409 Landing View Drive, Wendell

wake.gov/LakeMyra
✉ prosplan@wake.gov ☎ 919-856-6670

Drop in anytime to get an update on plans, talk to staff and let us know what you want to see at this future park!

SCAN to learn more!

WAKE COUNTY

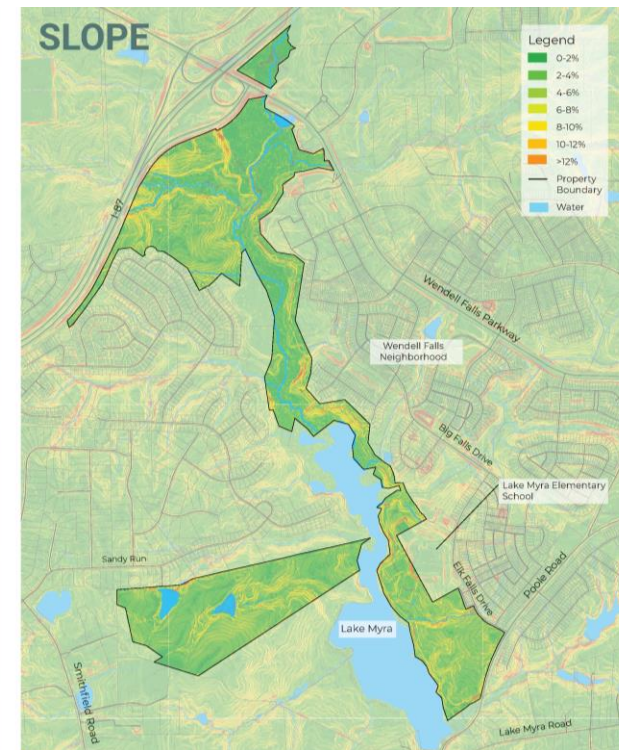
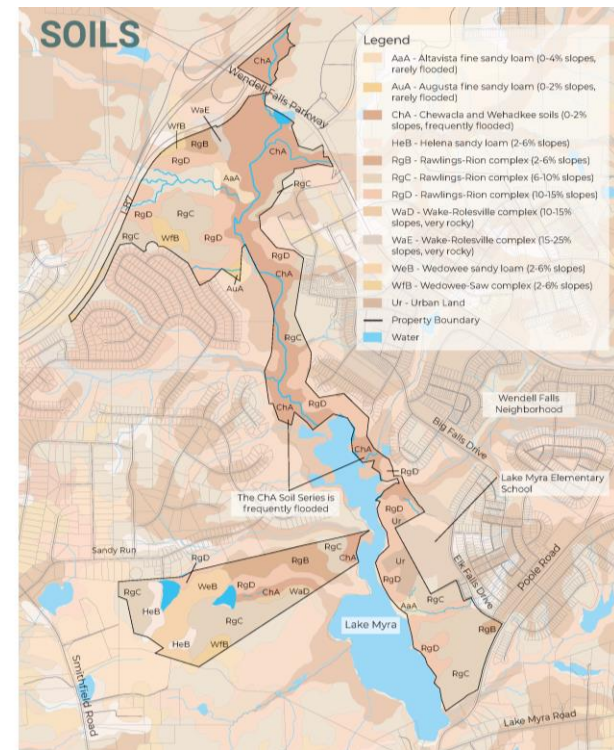
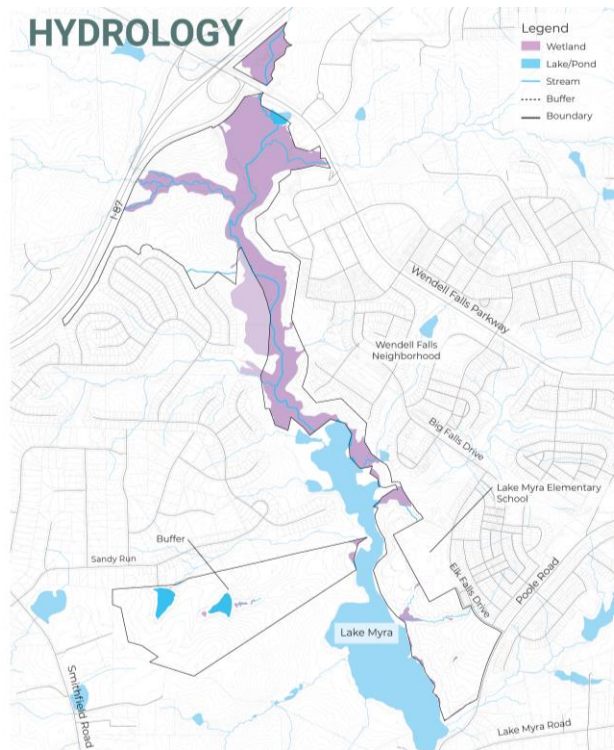
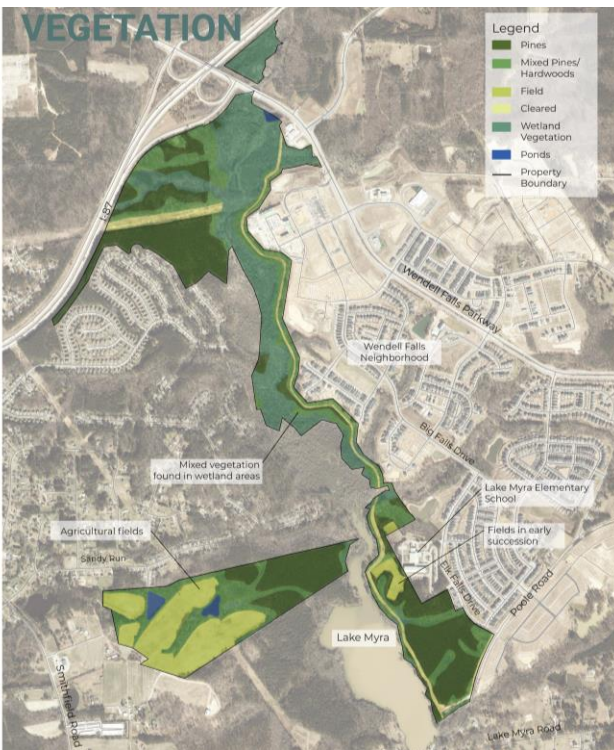
Core Values and Principles

Most critical core principles for the future of Lake Myra Park are.....

- Experiencing Nature
- Passive Recreation
- Connectivity
- Protect and Restore Natural Systems
- Exploration
- Balance of Built and Natural Systems

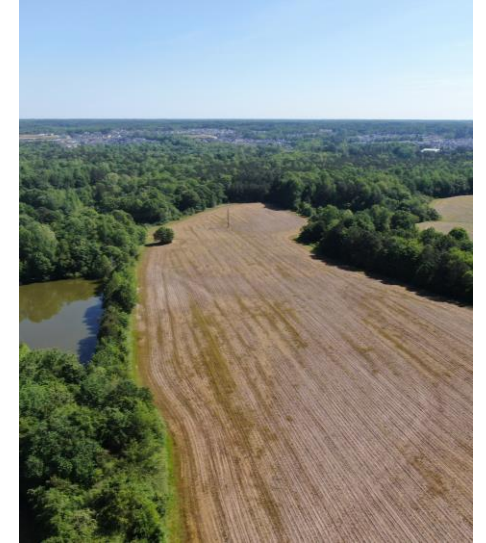


Environmental and Natural Resources Analysis



Project Goals and Initiatives

- Green stormwater infrastructure
- Solar Energy / Photovoltaics
- Geothermal opportunities
- Park Center buildings and site integration
- Performance monitoring
- Public art as part of the design process
- Restoring native plant ecosystems
- Connection of the Eastern and Western Parcel and Neighborhoods
- Accessibility
- Educational opportunities



Master Plan



Lake Myra County Park – Phase 1

Values / Principles / Park Element Priorities

Hiking/Walking, Socializing, Picnicking, Relaxing, Education, Boating, Open Play, Fishing.

Trails (paved / natural surface)

Picnic Shelters

Restrooms

Playground

Park Center

Maintenance Facility

Parking

Boating

Fishing

Boardwalk Connection

Open Play

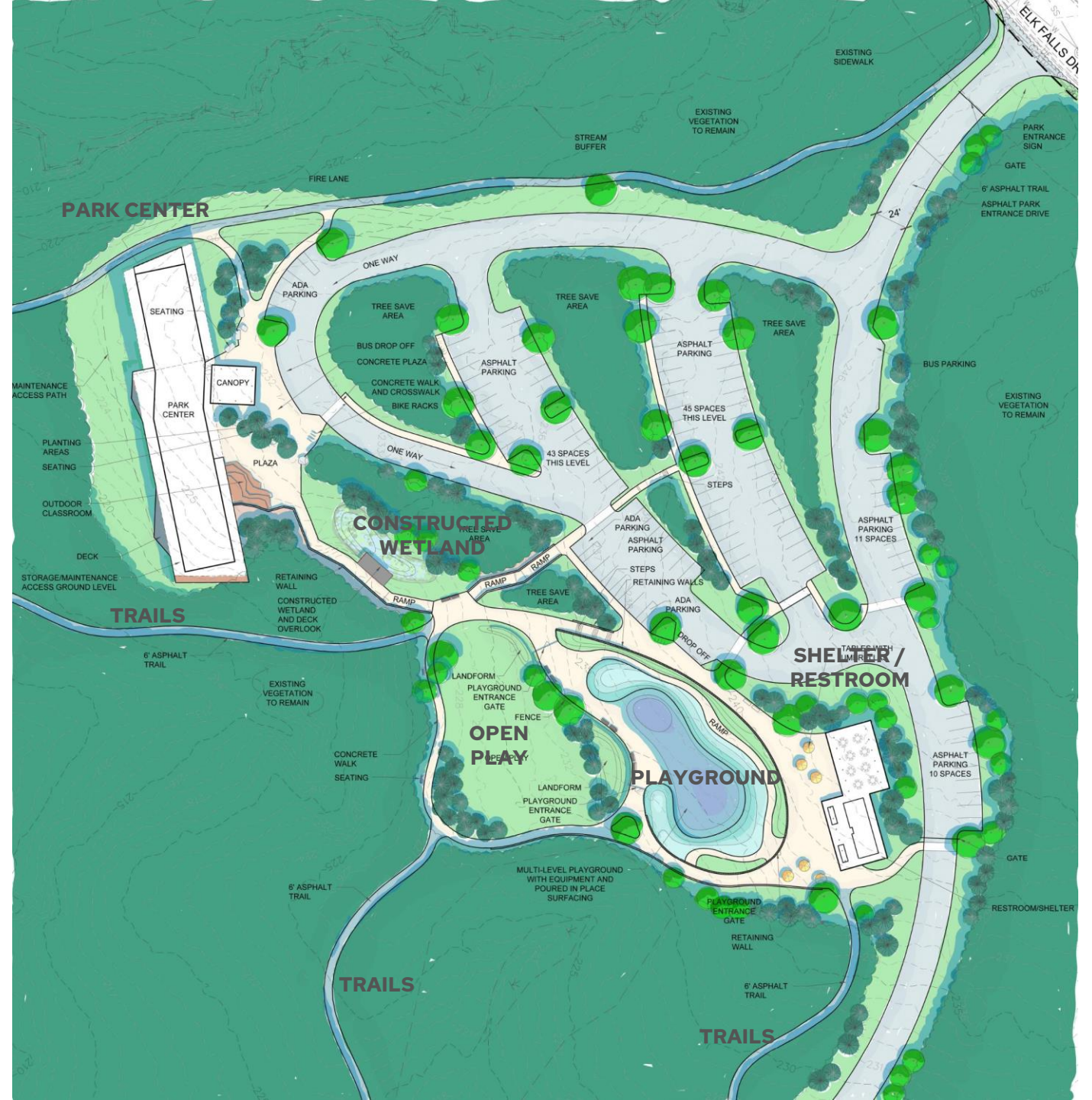
Disc Golf



Phase 1 – Overall Plan



Phase 1 – Park Center Area



Phase 1 – Western Area



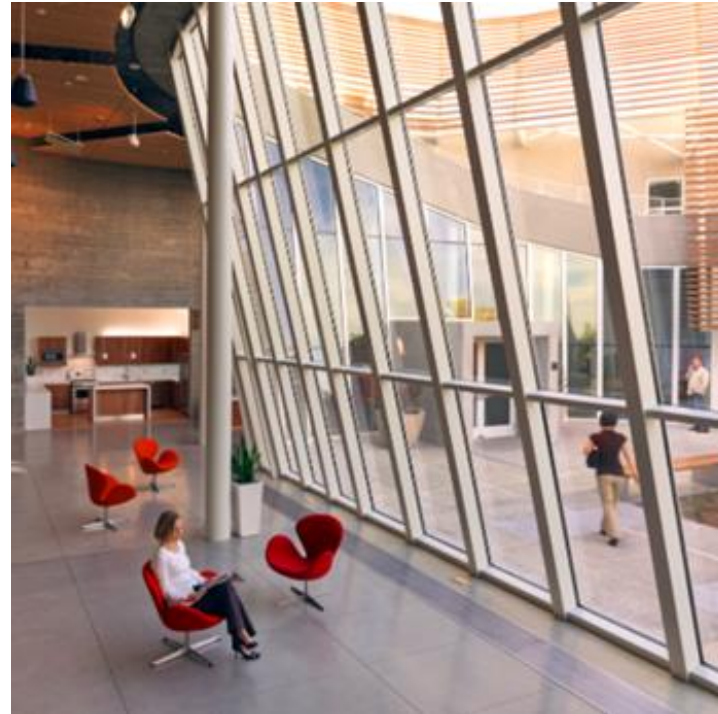
Sustainable Design Strategies

Site:

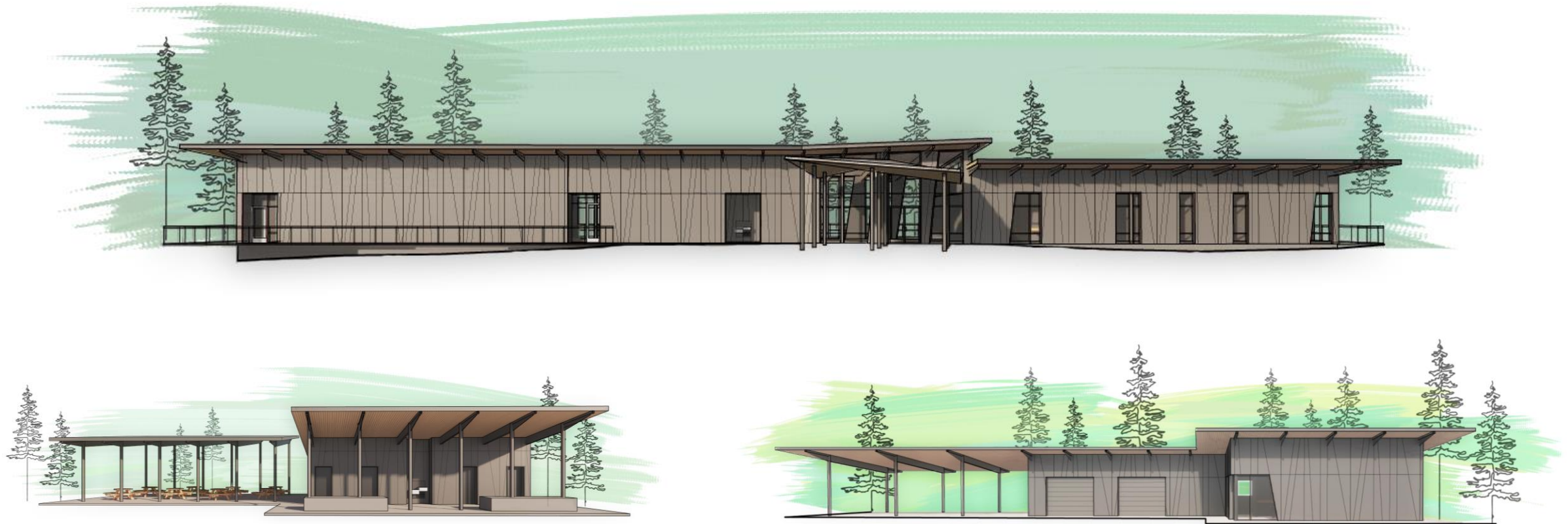
- Habitat restoration and protection
- Integrated Stormwater Management
- Permeable pavers
- Reduction of grading and clearing
- Native Plantings
- Electric vehicle charging

Building:

- Solar energy / Photovoltaics
- Geothermal energy
- Low-flow fixtures
- LED Lighting
- Rainwater harvesting/cisterns

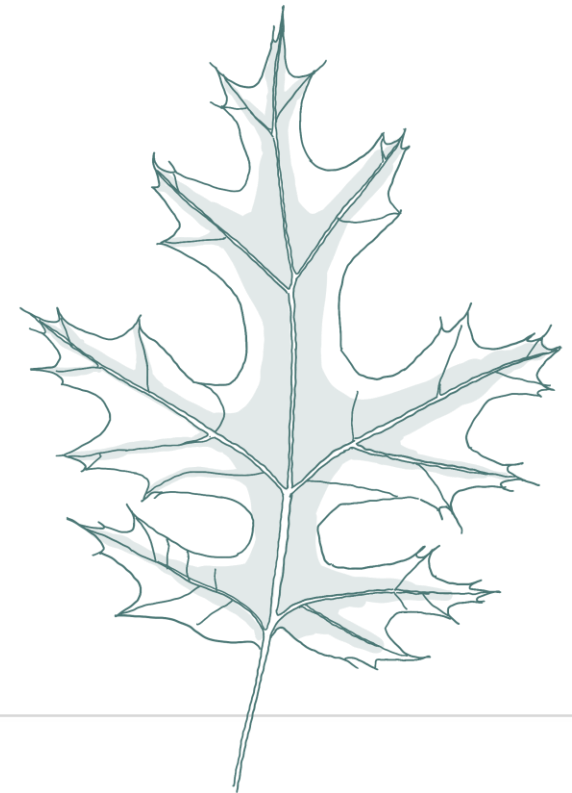


Park Structures & Programming

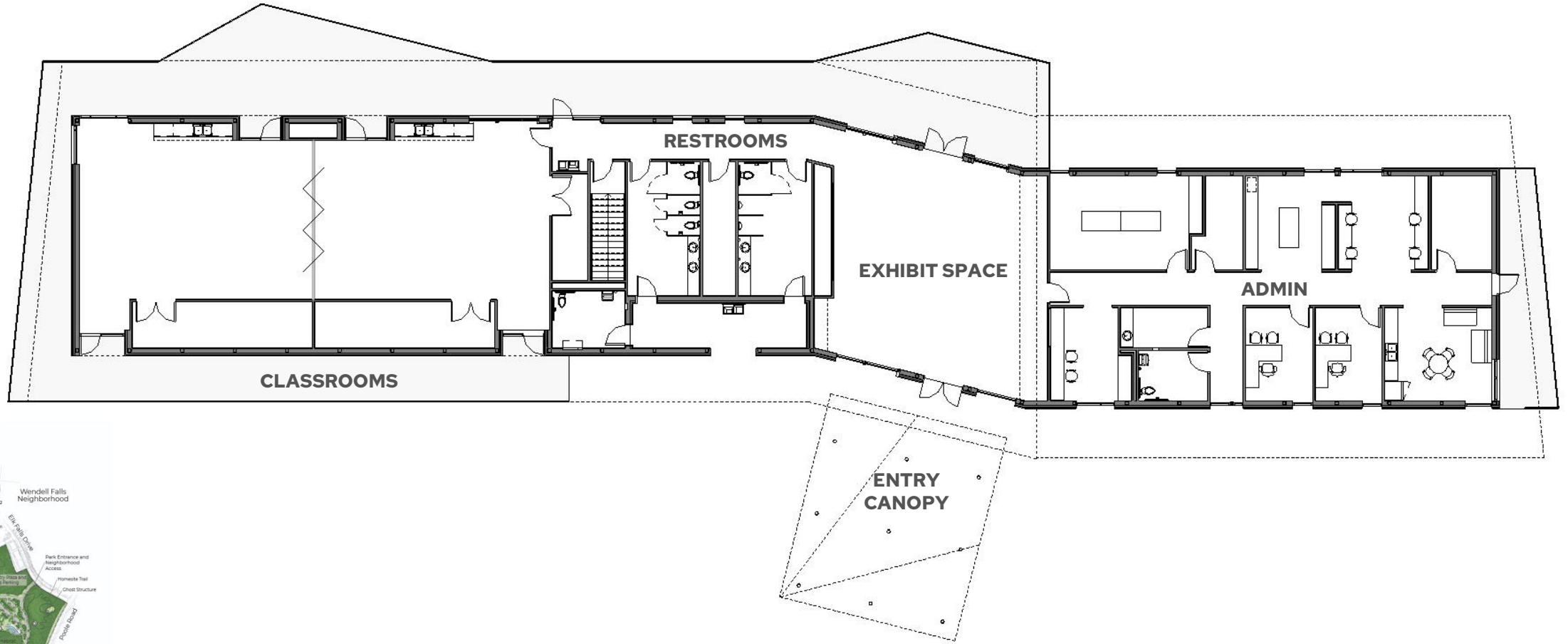


Building Component Considerations

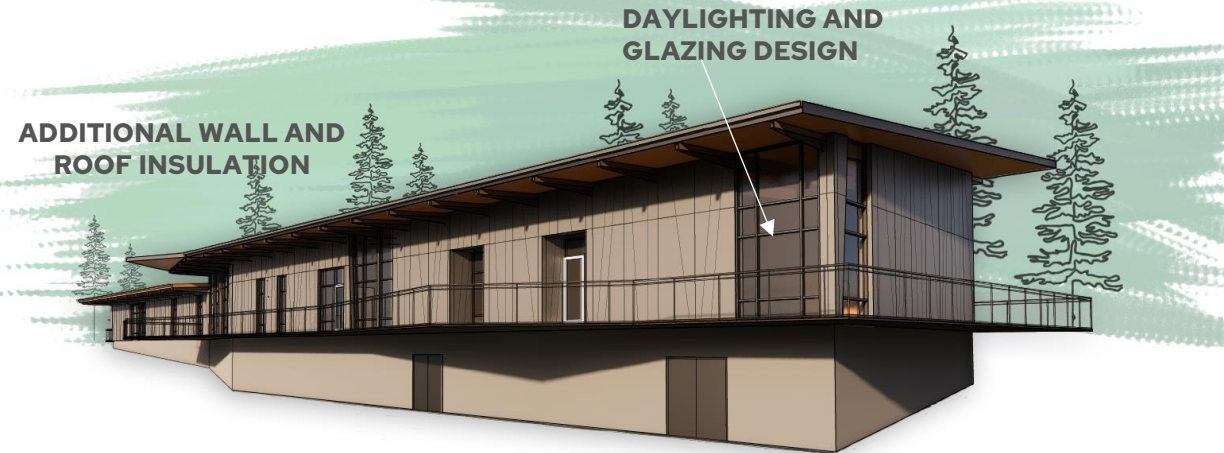
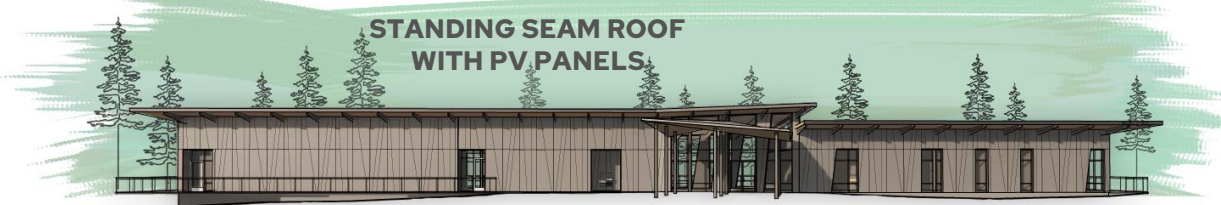
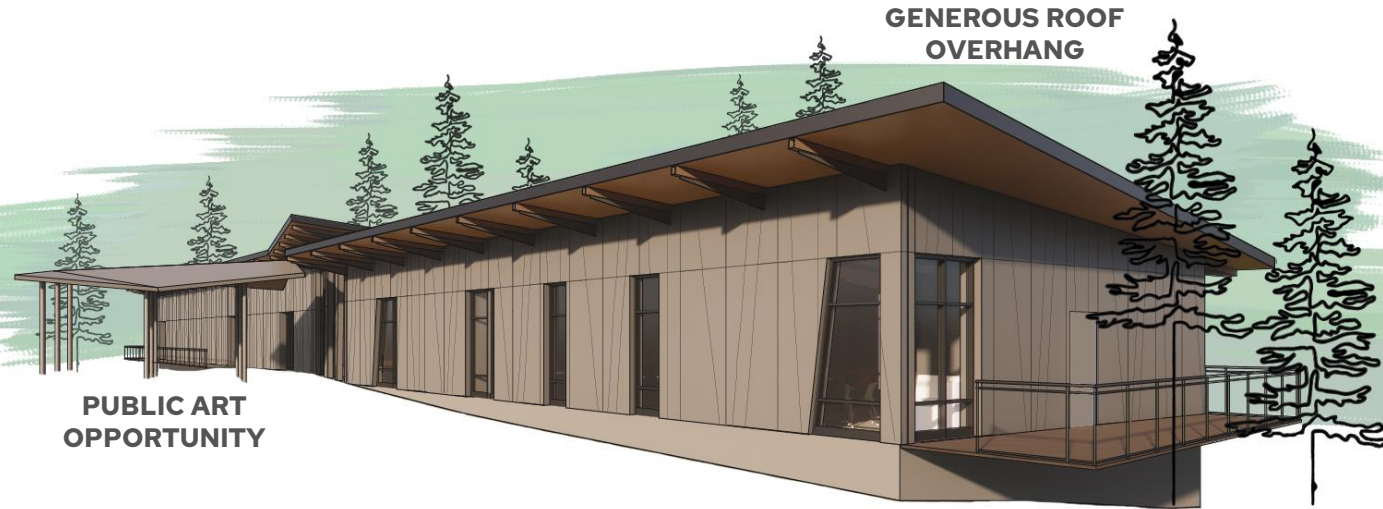
- Daylighting
- High reflectance standing seam metal roof with Photovoltaics
- Roof overhangs providing shading
- Additional roof and wall insulation
- Reduced glazing at classroom and staff areas
- High performance glazing - Low-E and Argon fill
- Glazing design to protect native wildlife
- Rainwater harvesting / cisterns



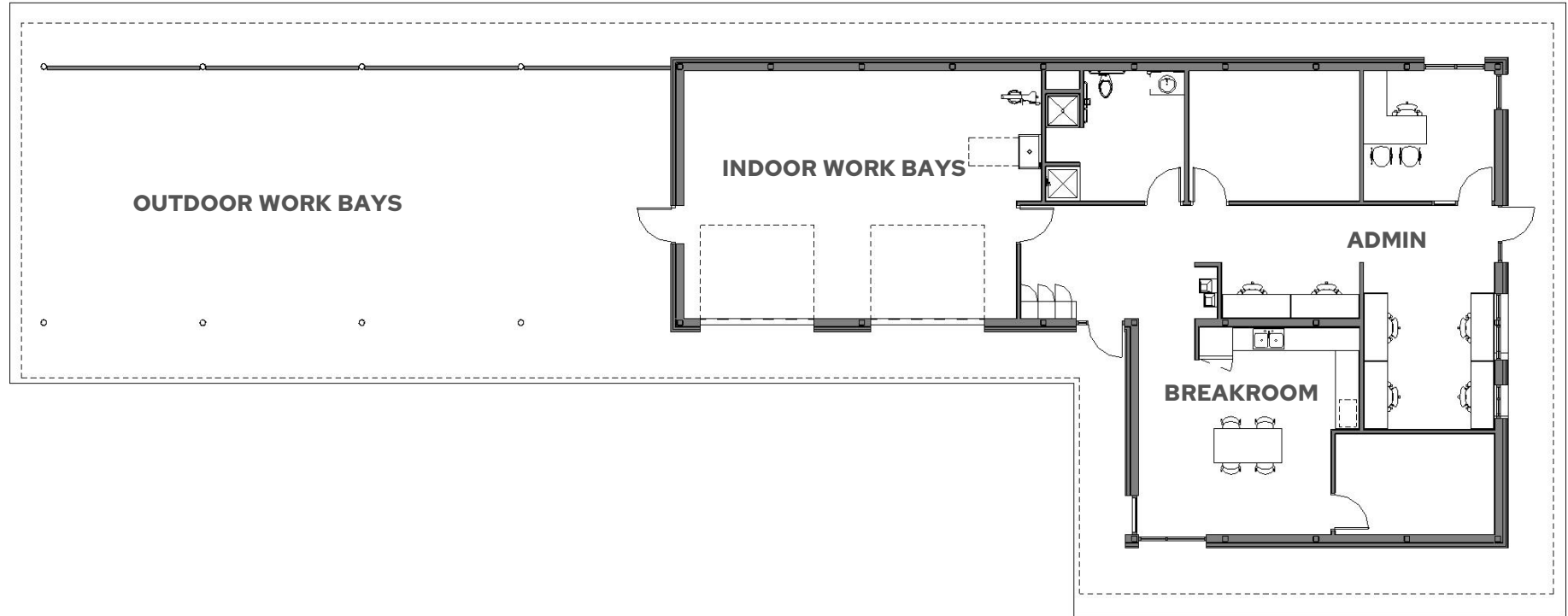
Park Center Plan



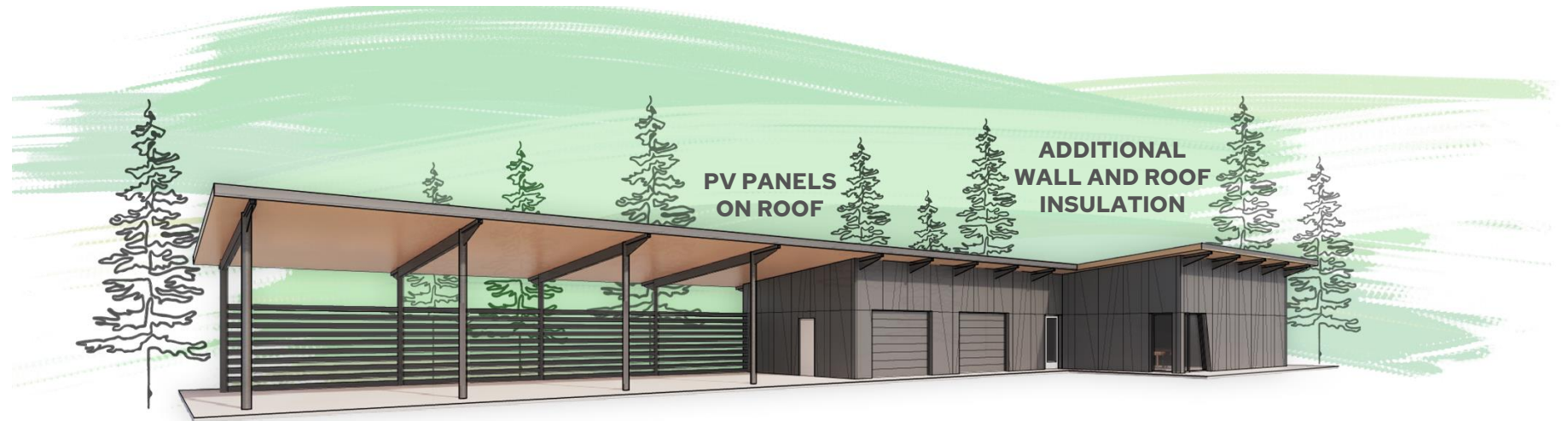
Park Center Perspective



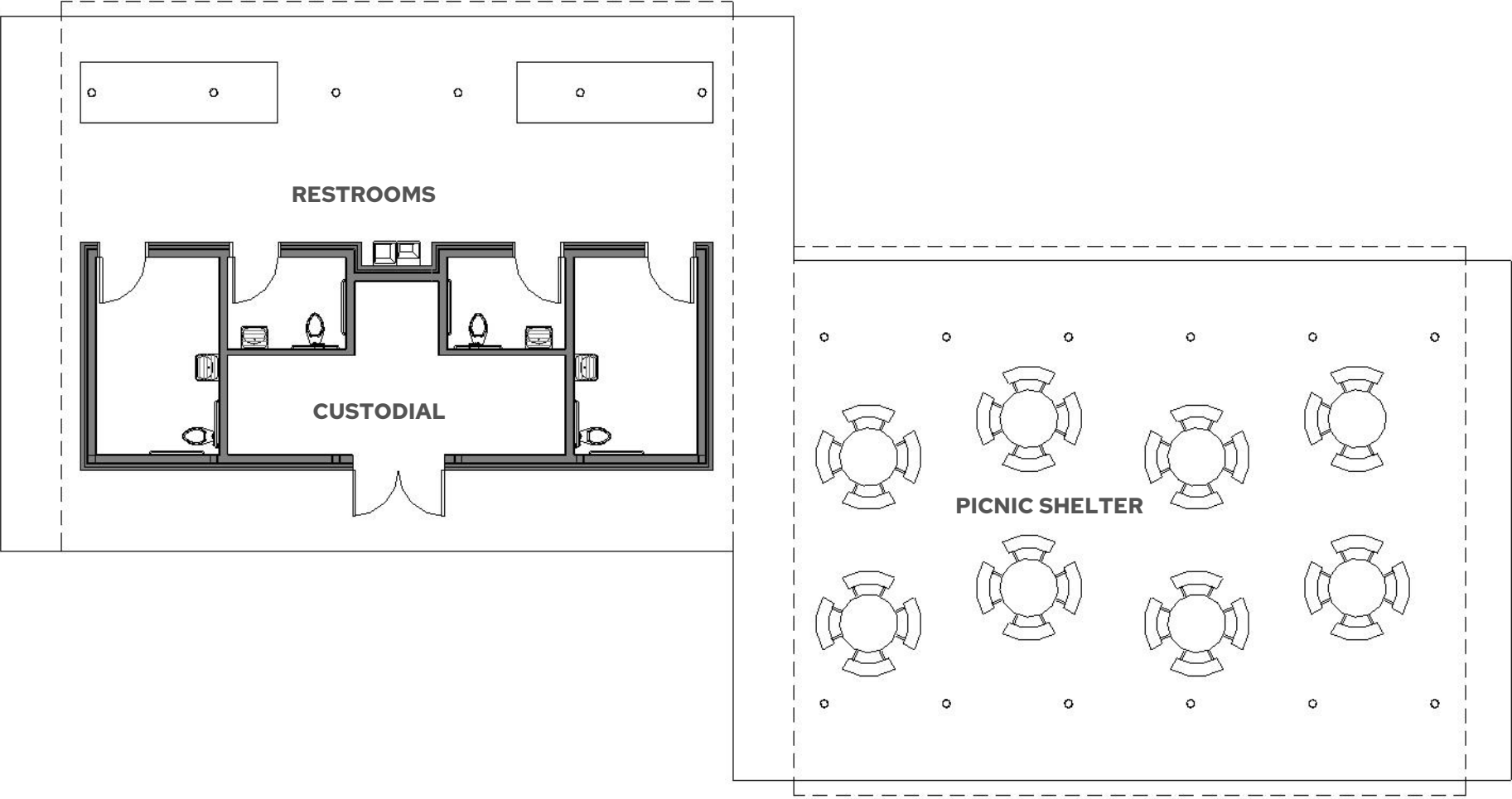
Maintenance Facility Plan



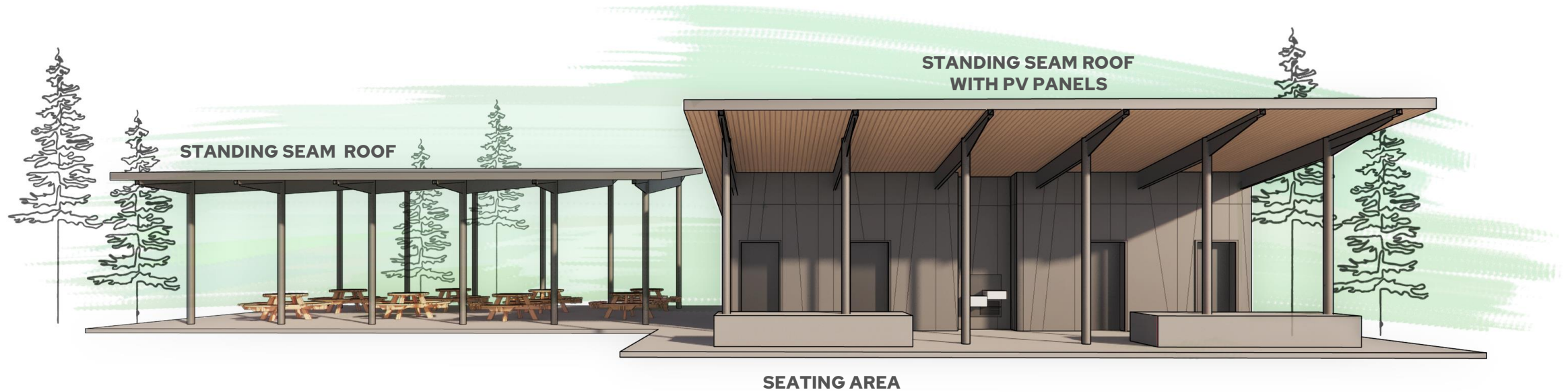
Maintenance Facility Perspective



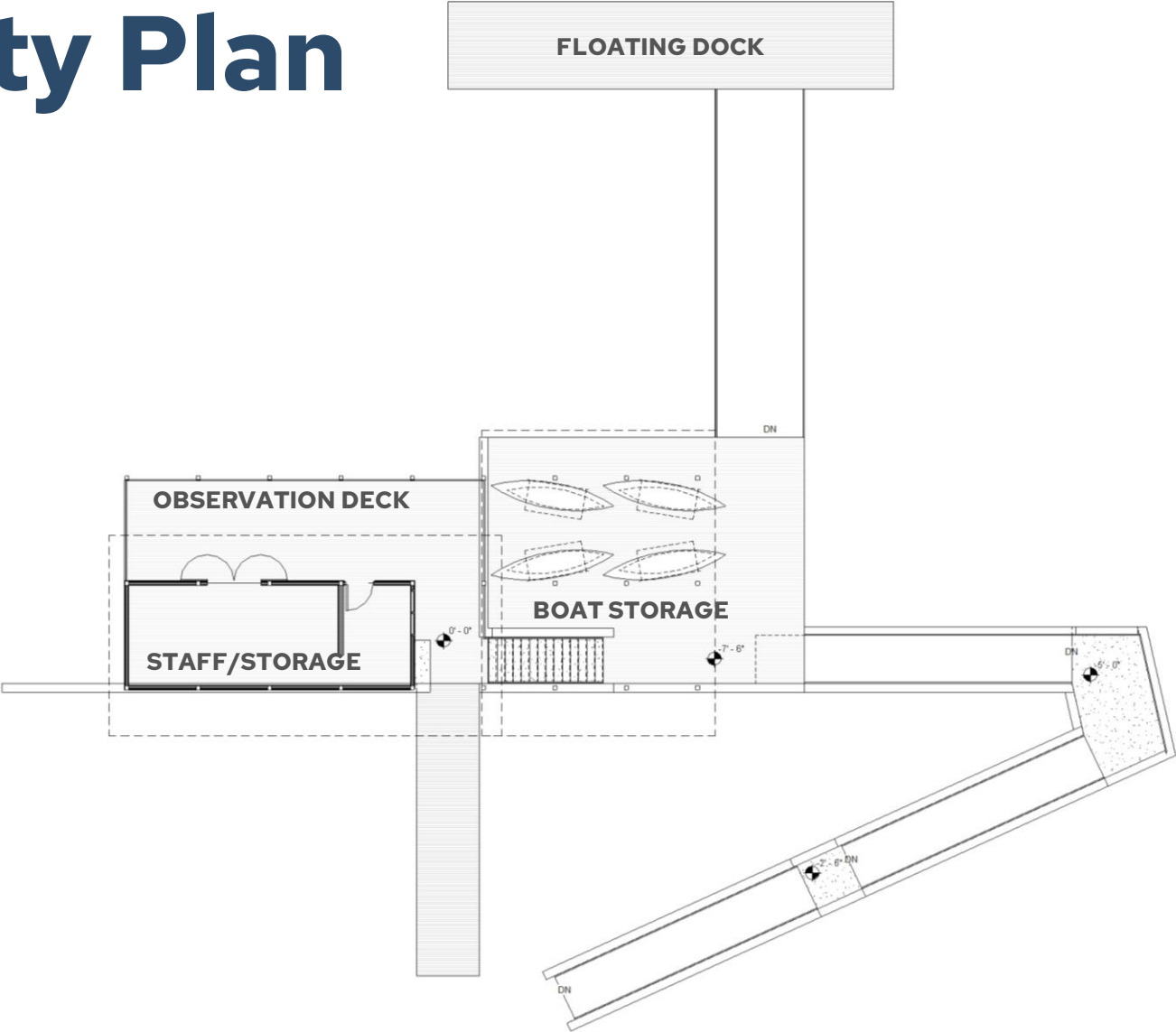
Shelter/Restroom Plan



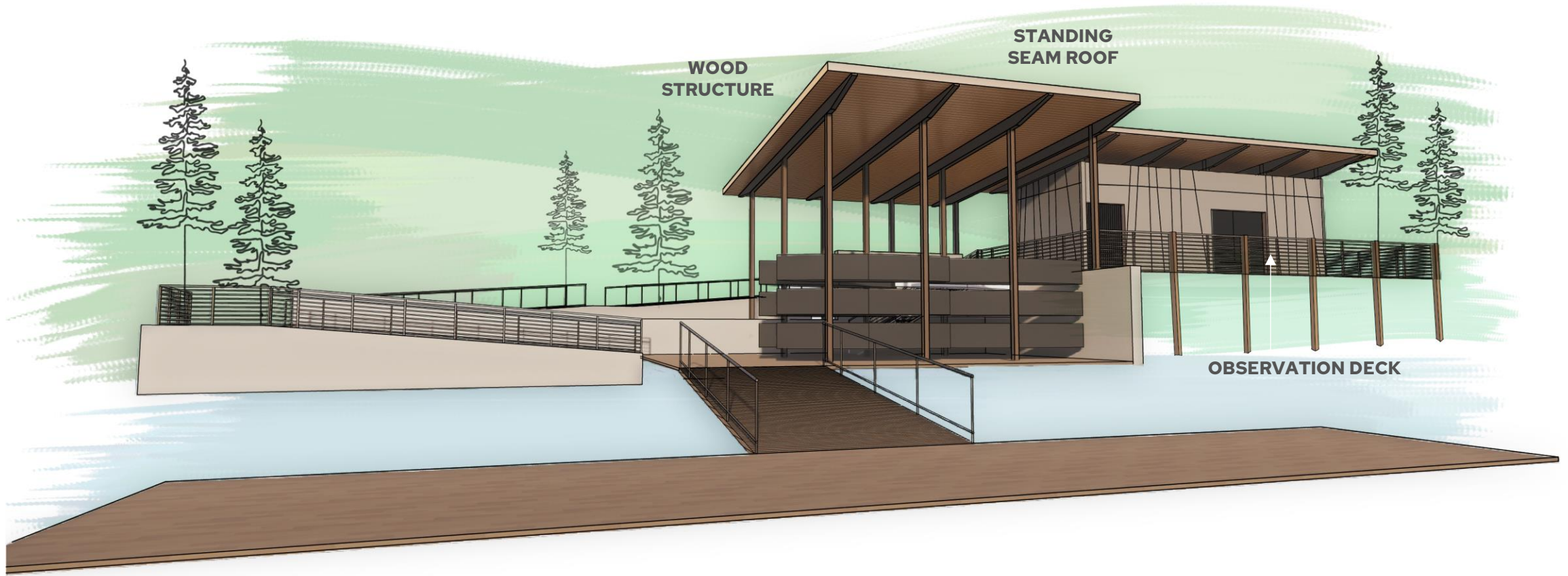
Shelter/Restroom Perspective



Boating Facility Plan

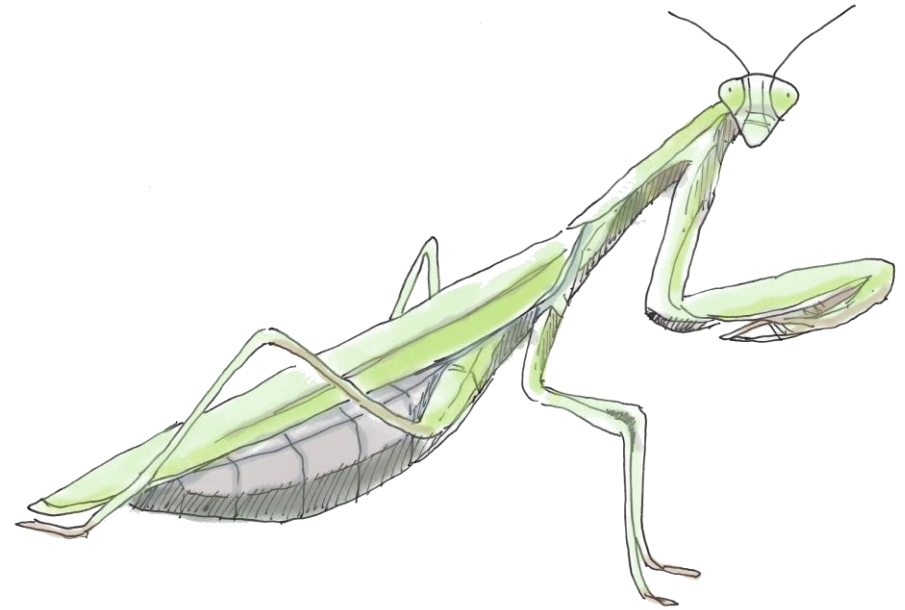


Boating Facility Perspective



Summary

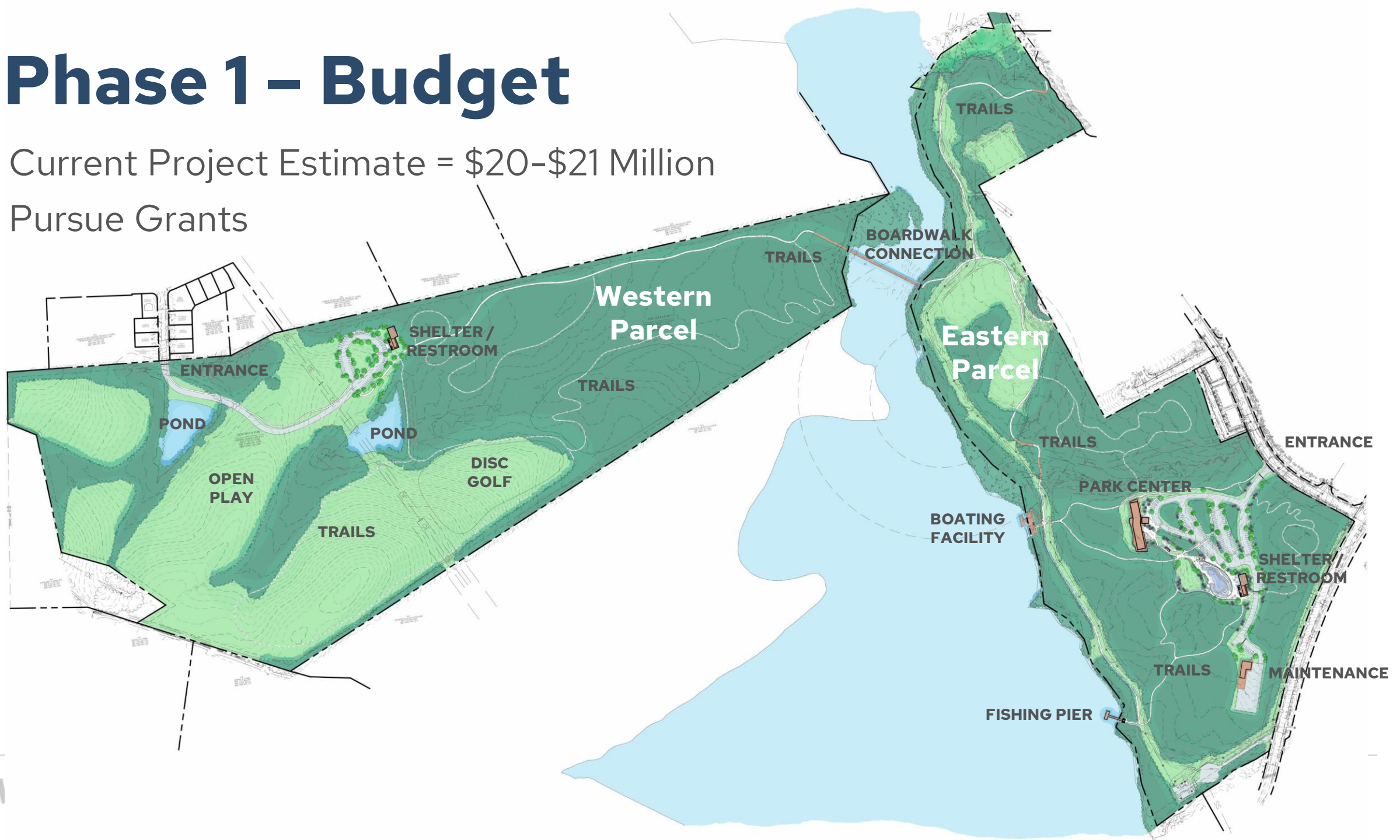
- Limiting development impacts
- Integrating buildings with the landscape
- Building automation systems
- Architectural enhancements
- Restoring Native Plant Ecosystems
- Integrated stormwater management
- Public art as part of the design process
- Providing accessibility
- Sustainability education for visitors
 - ***Energy, Water, Landscape, Materials, History...***



Phase 1 – Budget

Current Project Estimate = \$20-\$21 Million

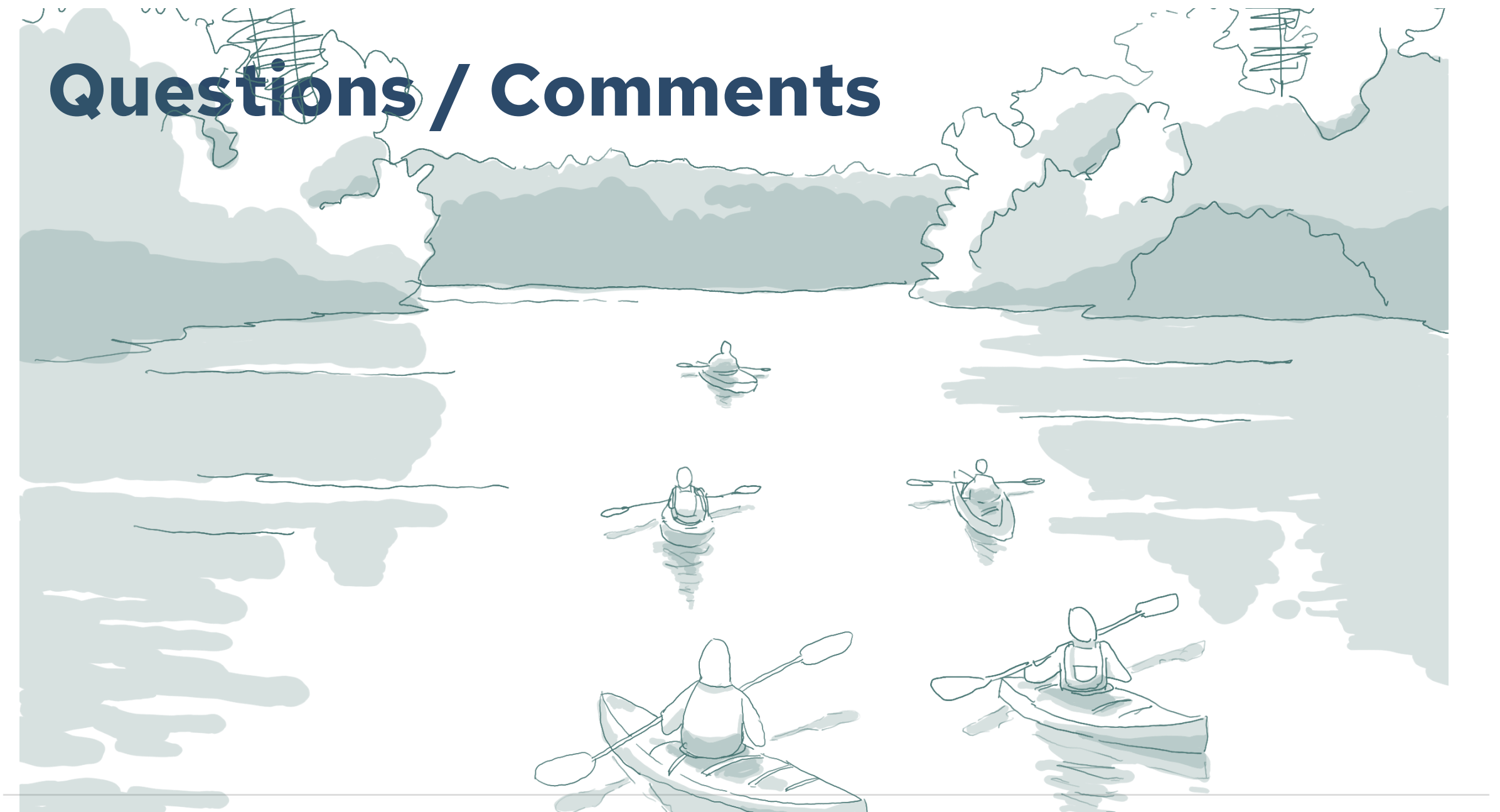
Pursue Grants



Timeline / Next Steps



Questions / Comments





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