

Oso Bay Wetlands Preserve and Learning Center



Wind



Nature



Art



Habitat



Net Zero

Welcome!

Project History

Inspiration

Entry Experience and Edge Conditions

Circulation and Trails Plan

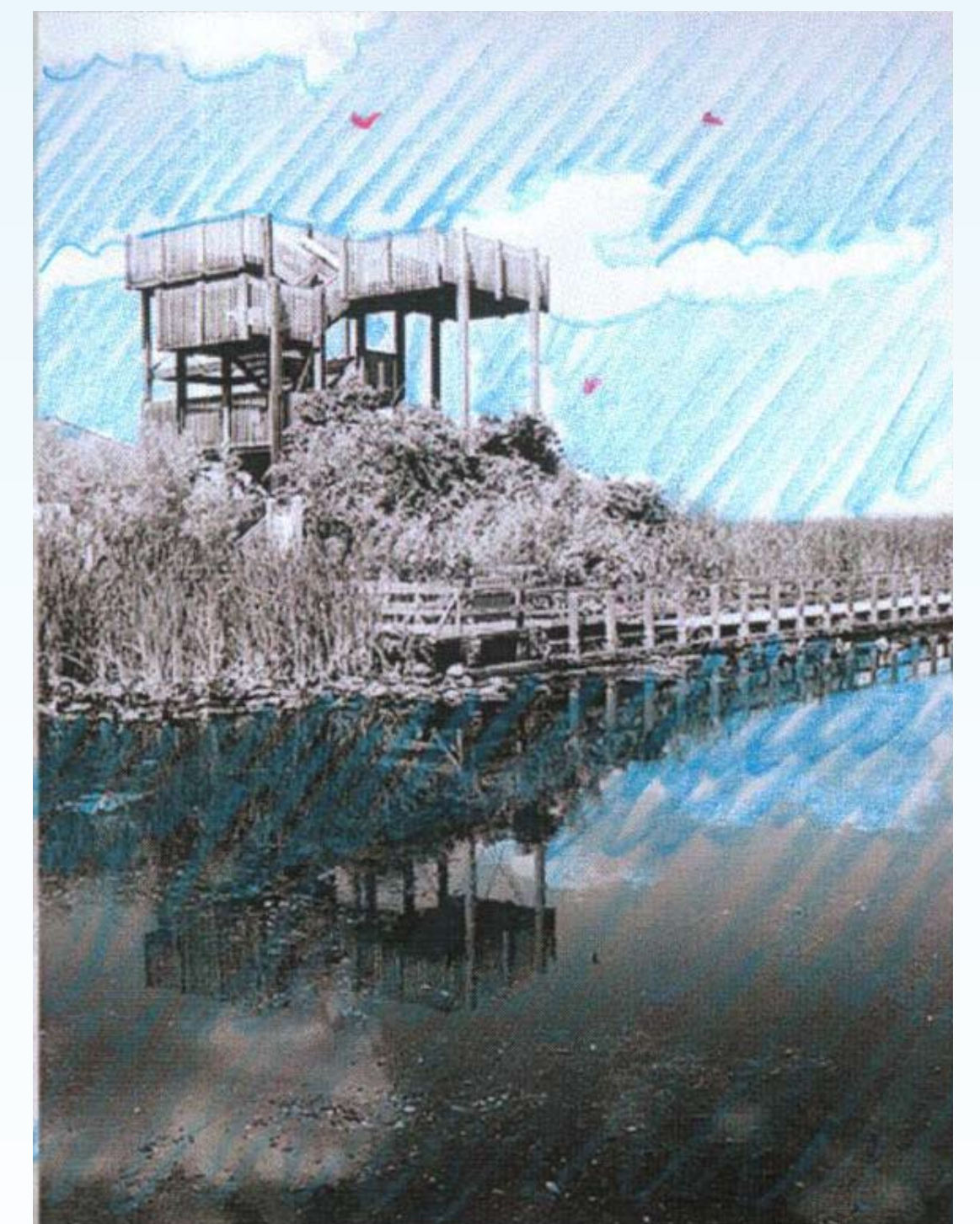
Habitat Restoration

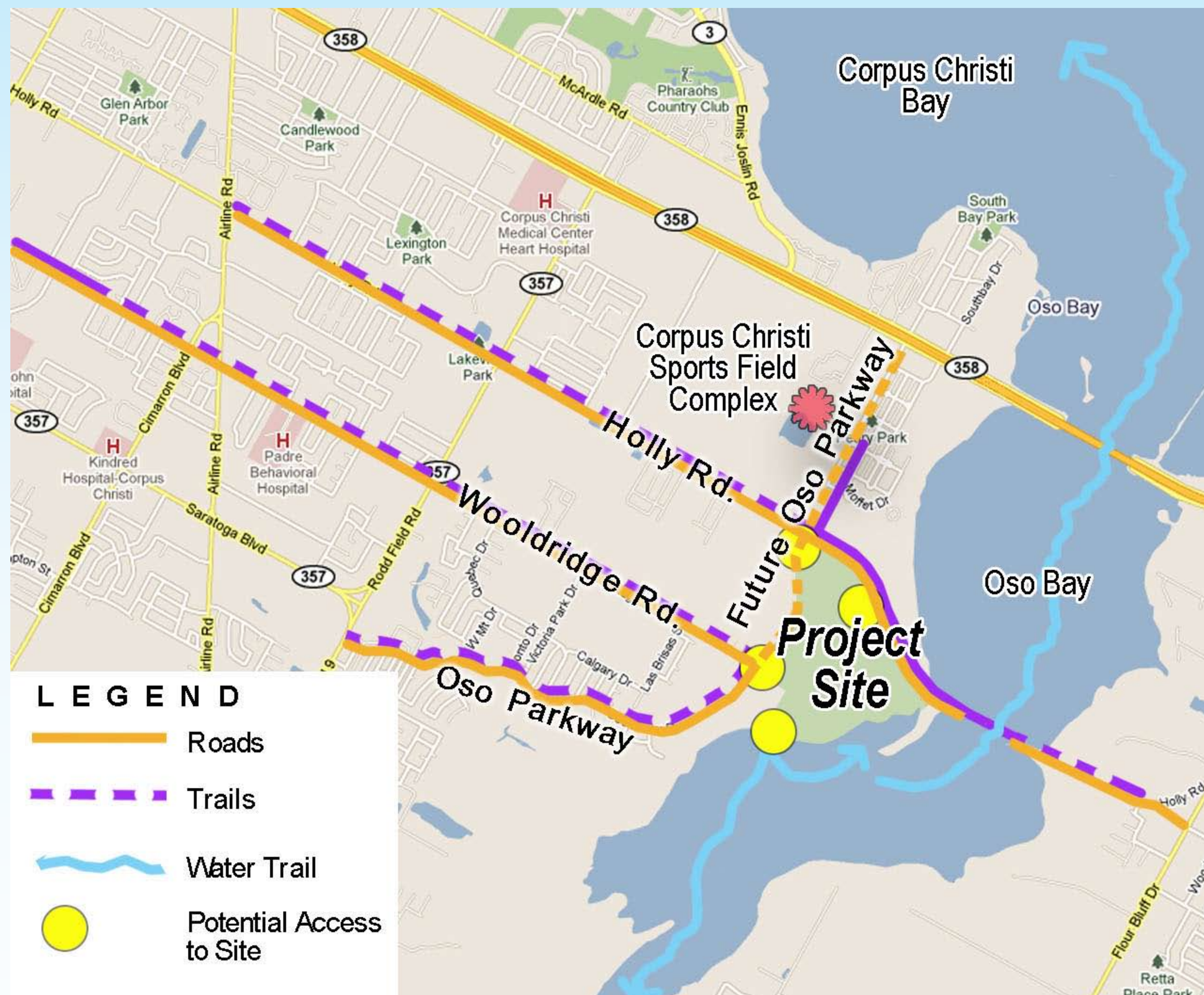
Overnight Use Site Plan

Learning Center Site Plan and Experience

Architectural Sketches and Floor Plans

What's the Next Step?





Project Location



Site Photos

2004-2006
Early Planning

Oso Creek and Bay Greenbelt Master Plan

2005-2009
Land Acquisition

- Carr Tract 2005
- Gaines Tract 2009

2008-2011
Funding

- Bond 2008
- Grants

SUMMER 2011
Master Planning

- Programming & Site Analysis
- Stakeholder Meetings
- Preliminary Master Plan
- Final Master Plan

COMPLETE AUGUST 2012
Phase One Construction

Trails

COMPLETE SUMMER 2013
Phase Two Construction

Preserve and Learning Center

PRELIMINARY *Time Line*
AUGUST 10, 2011

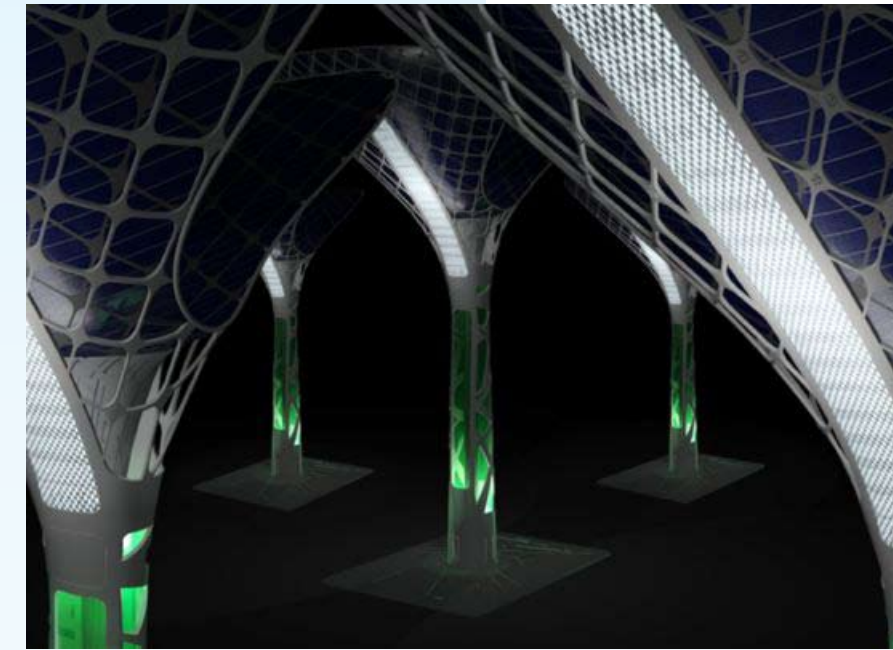
Wind * Nature * Art



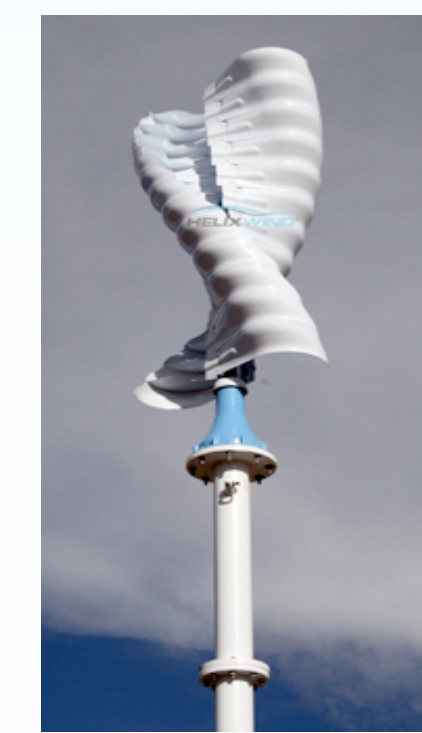
Create a place that stimulates the imagination.



Net Zero



Create a self sustaining resource implementing Net Zero consumption principles.



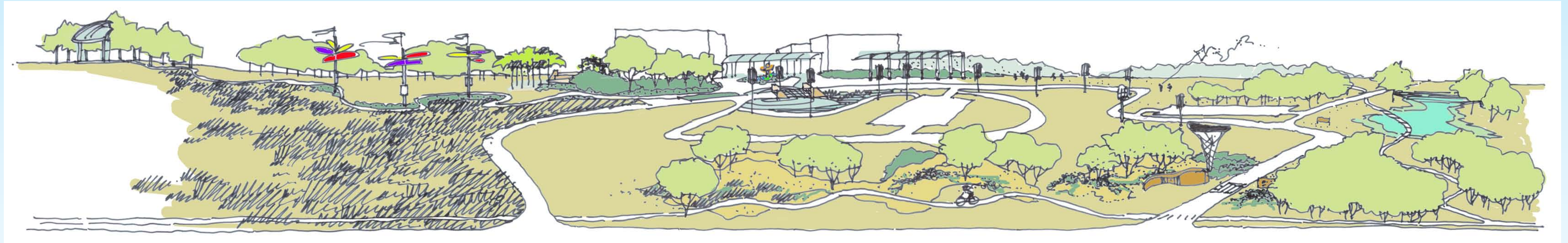
Habitat



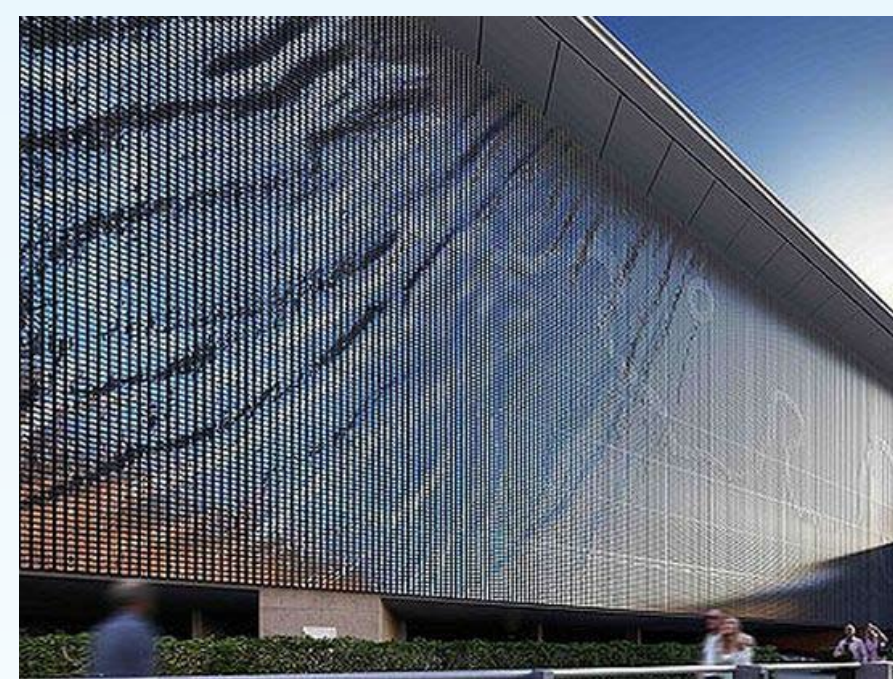
Create a living, breathing ecosystem where visitors will connect with nature.



What will you see from your car along Oso Parkway and the park drive?



Shade Structure



Kinetic Facade Art



Rammed Earth



Diversion Pond



Coastal Prairie Habitat



Sand Dunes



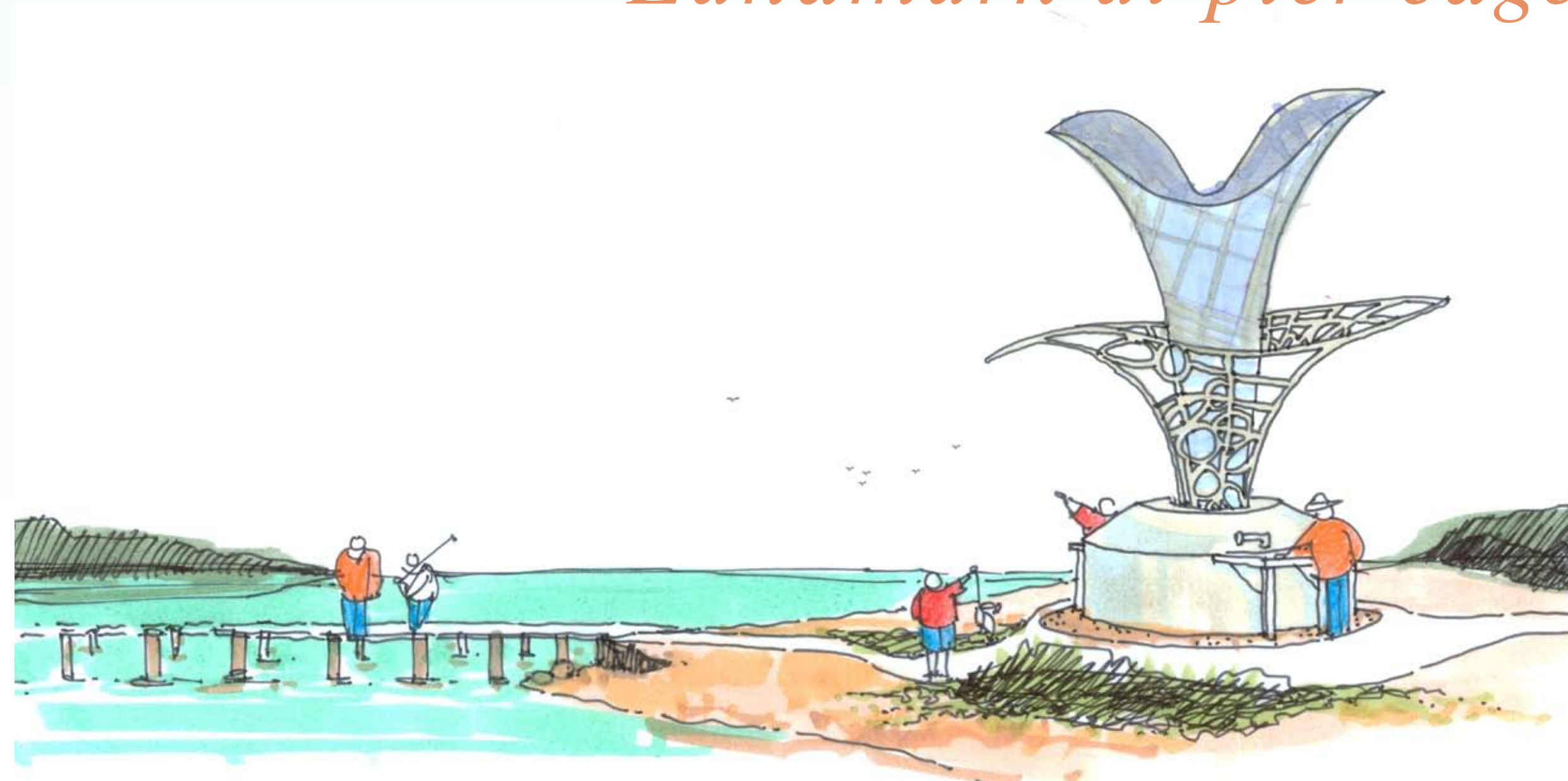
Water Harvest



Wind Turbine

Net Zero

Landmark at pier edge



Oso overlook















“Audobon encourages ongoing research and collaboration to best determine how to maximize the benefits of wind power while reducing the potential for harm to birds, wildlife and the environment.”

PRELIMINARY
AUGUST 10, 2011



LEGEND

-  Maintenance and Emergency Vehicles and Pedestrian Trail
-  Pedestrian Trail
-  Pedestrian Trail / Off the Beaten Path
-  Hawk Walk
-  Boardwalk
-  Bird Blind
-  Interpretive Station / Overlook
-  Prairie Wetland
-  Estuarine Wetland
-  Uplands
-  Uplands Dense Vegetation
-  Archaeological Site 41NU341 (Potentially eligible for listing in the NRHP)

How will you experience this habitat?



Habitat Location



Boardwalk made from Recycled Products



Seating Areas Near Points of Interest

What is attracted?



Blue winged teal



Black-bellied whistling duck



Harris's Hawk



Roseatte spoonbill



American Kestrel



Green tree frog



Night heron



Informational Signage and Interactive Kiosk For Recording On Site Sightings



What type of plants are here?



Rattlebush



Swamp smartweed



Duck potato



Coastal spikerush



Blind w/Birding Stats on Slats or Donor Names



PRELIMINARY
AUGUST 10, 2011
Existing Site Photos

How will you experience this habitat?



Habitat Location



Viewing Shelter



Viewing Shelter / Bird Blind



Boardwalk

What is attracted?



American avocet



Great egret



Osprey



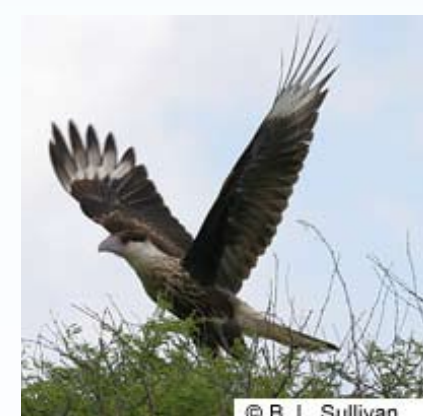
Great blue heron



Long-billed dowitcher



Black-necked stilt



Crested caracara

What type of plants are here?



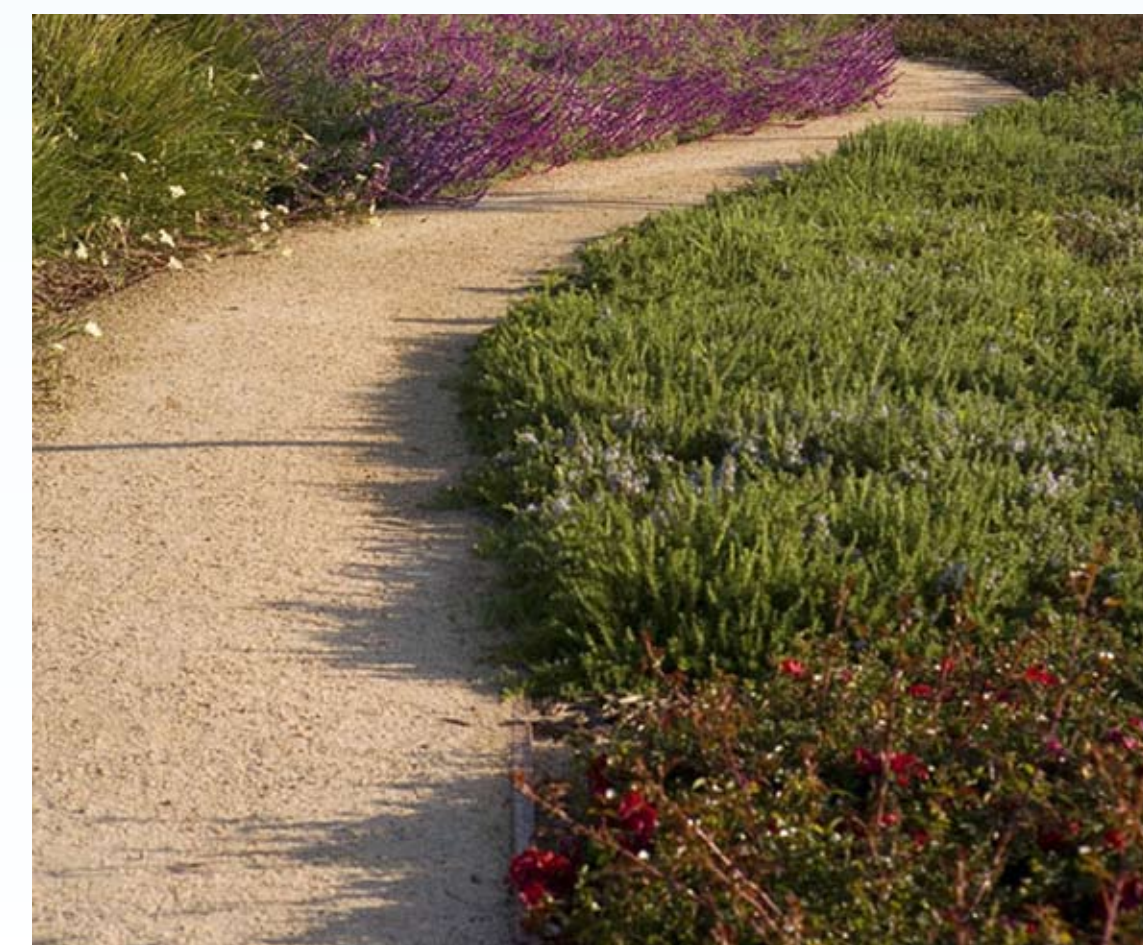
Gulf cordgrass



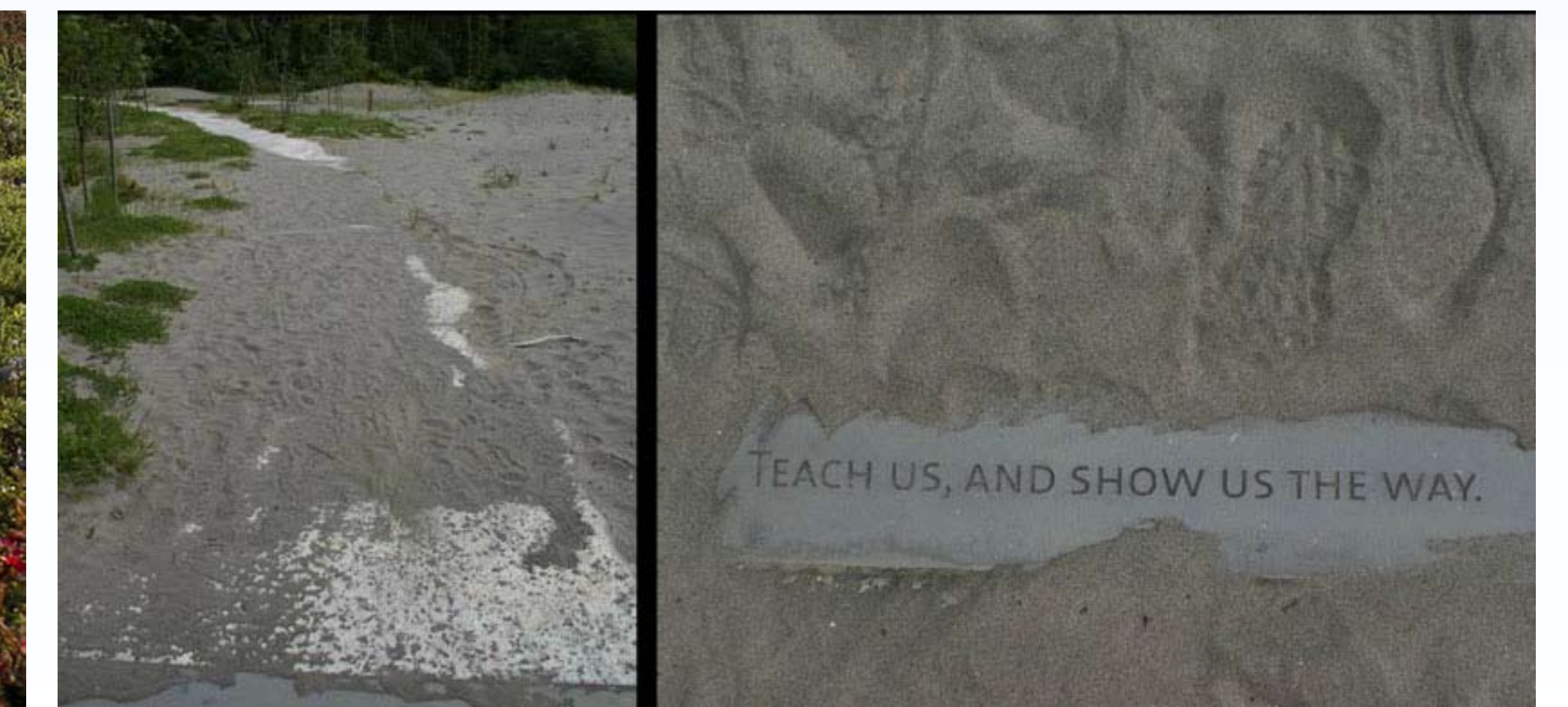
Sea ox-eye daisy



Shoregrass



Decomposed Granite Trail



Trail Through the Sand



Existing Site Photo



Existing Site Photo - Cordgrass



Existing Site Photo - Sand Flats

PRELIMINARY

AUGUST 10, 2011



Habitat Location

What is attracted?



Great blue heron



Indigo bunting



Sandhill crane



Golden fronted woodpecker



Crested caracara



Loggerhead shrike



Ruby throated hummingbird

What type of plants are here?



Acacia greggii



Acacia rigidula



Lime prickly ash

How will you experience this habitat?



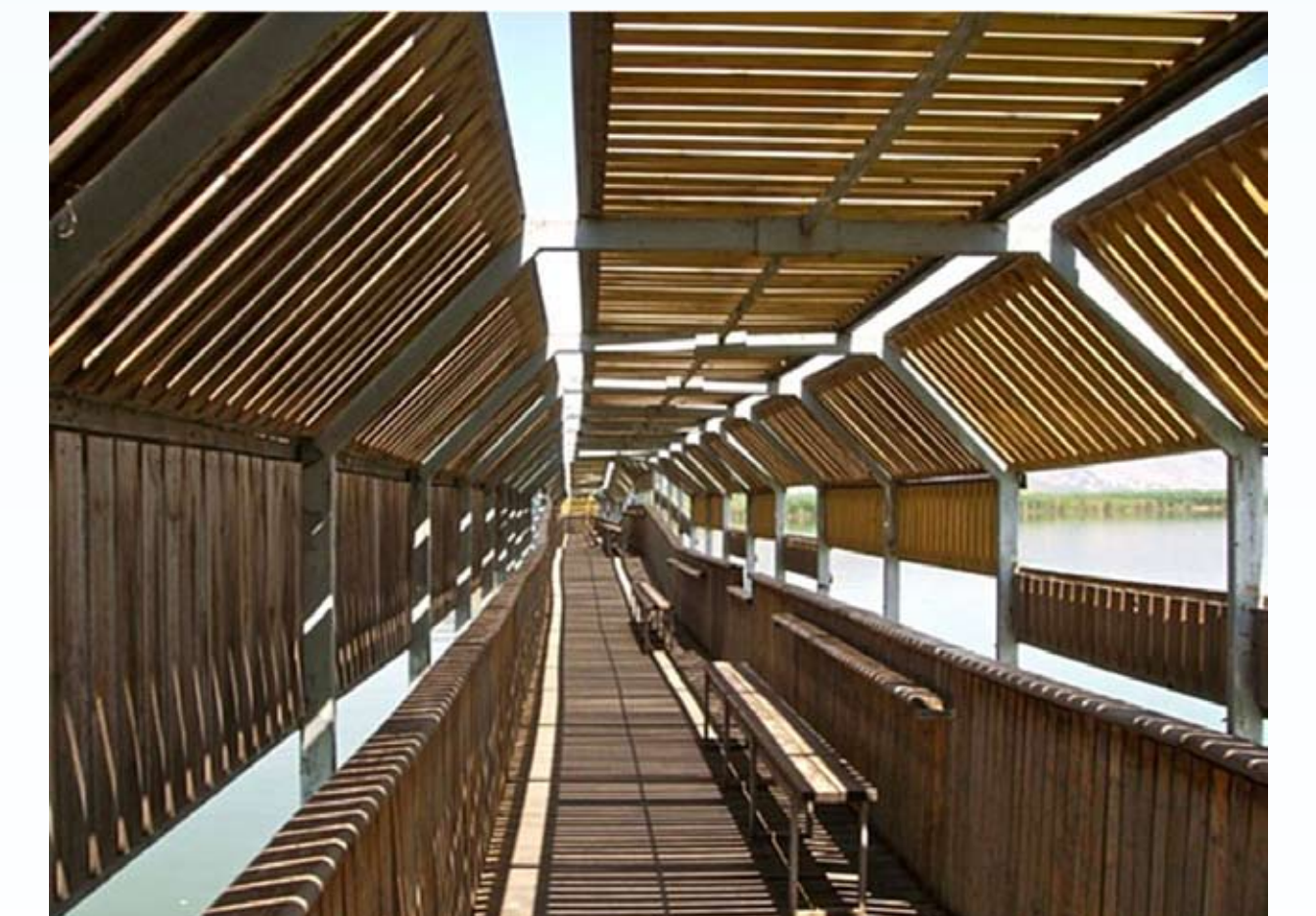
Boardwalk



Hawk Walk



Outdoor Kiosk



Bird Blind



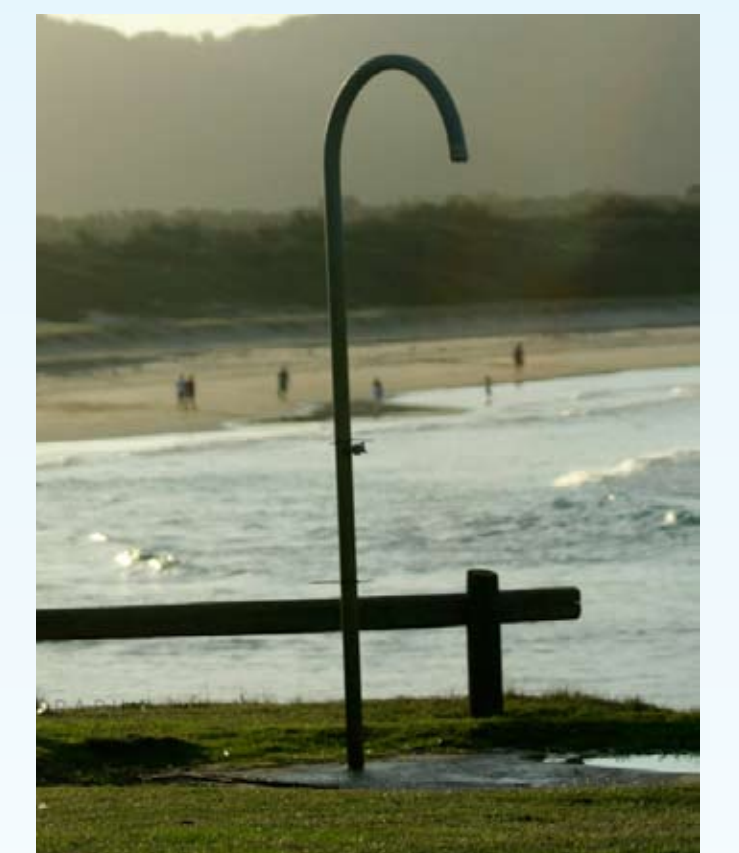
PRELIMINARY
AUGUST 10, 2011
Existing Site Photos



Site Plan



Composting Toilets



Outdoor Showers

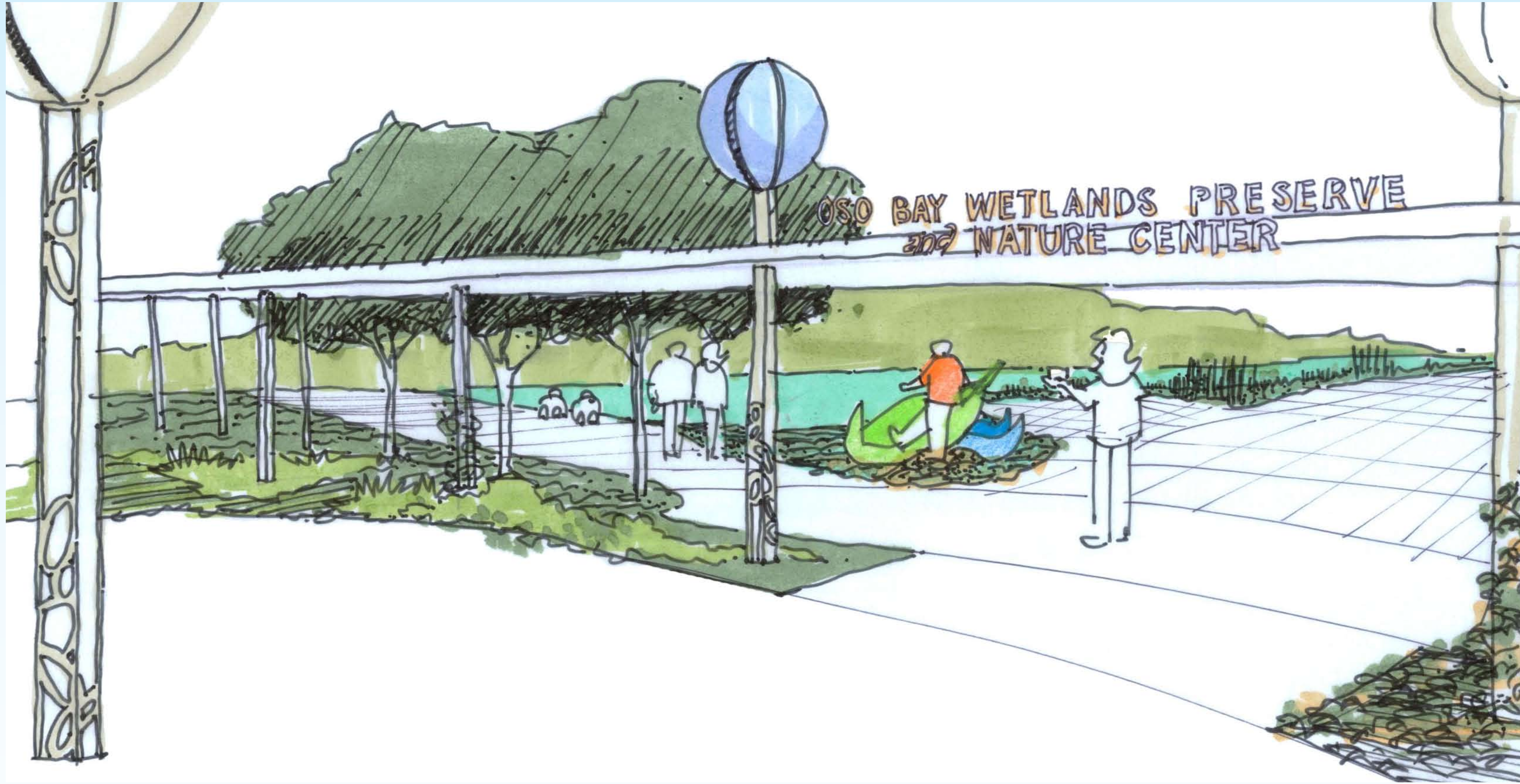


Outdoor Cameras for Wildlife Viewing and Security



Security / Park Host

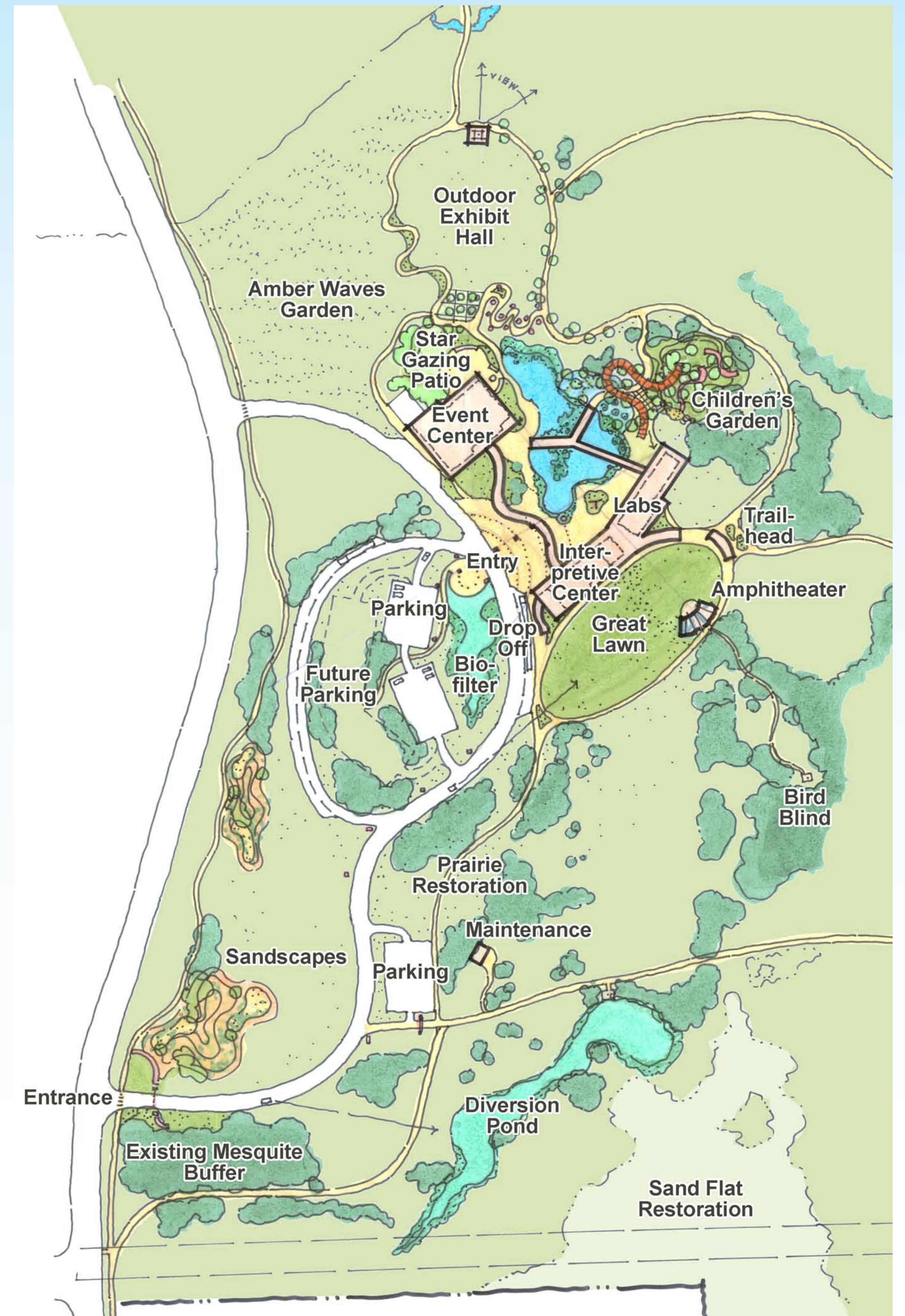
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AUGUST 10, 2011



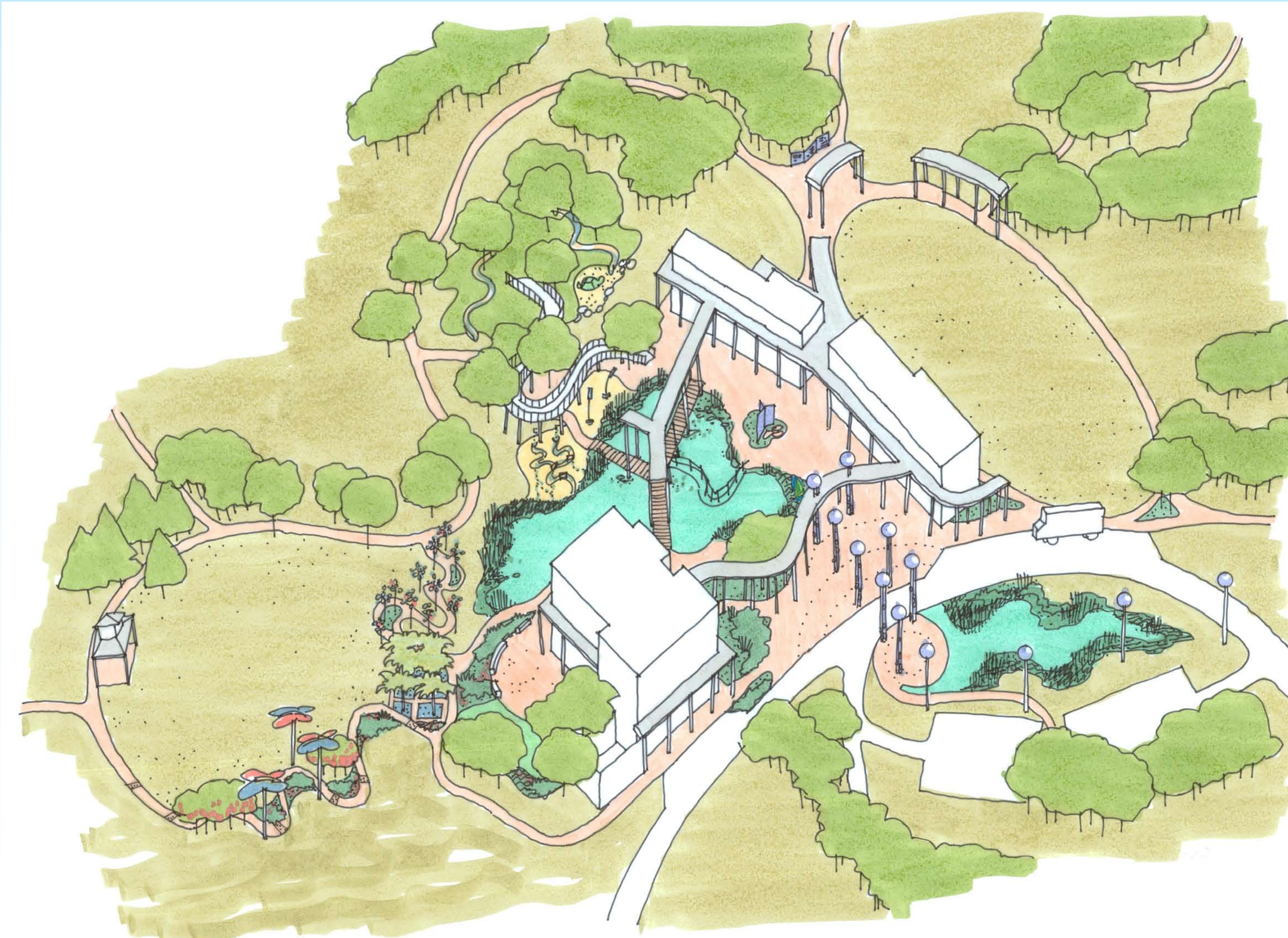
Whimsy Trail



Prairie Pond



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AUGUST 10, 2011



Covered Boardwalk



Formal Pond Edge



Prairie Pond

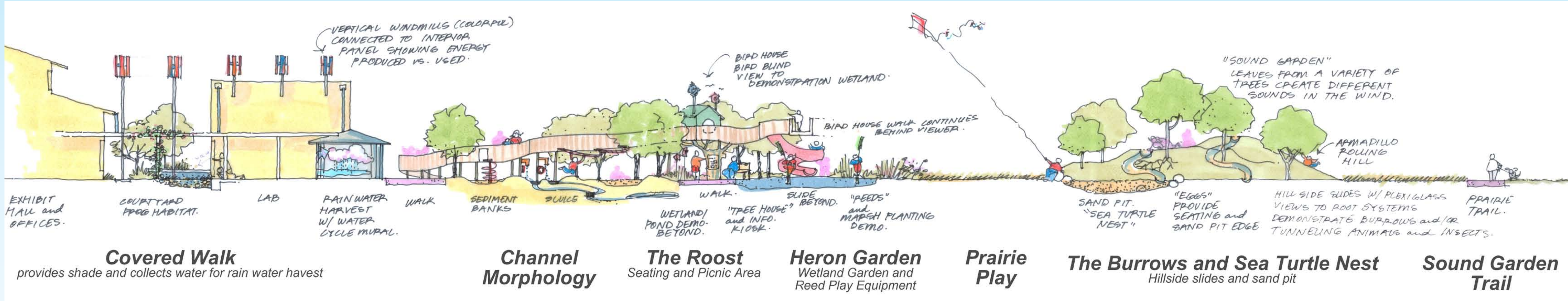


Outdoor Lab

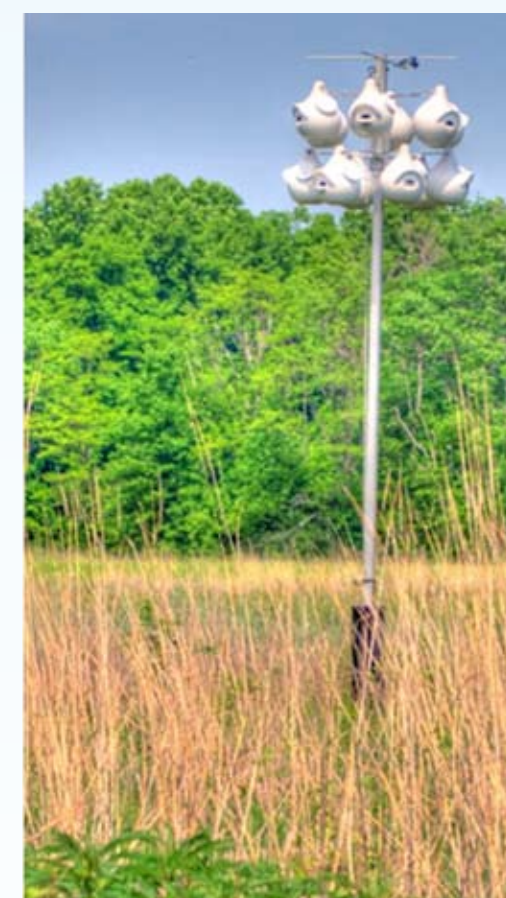


*Picnic Shelter and
Demonstration Area*

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Solar Panel and Wind Turbine



Bird Houses



Sand Pit



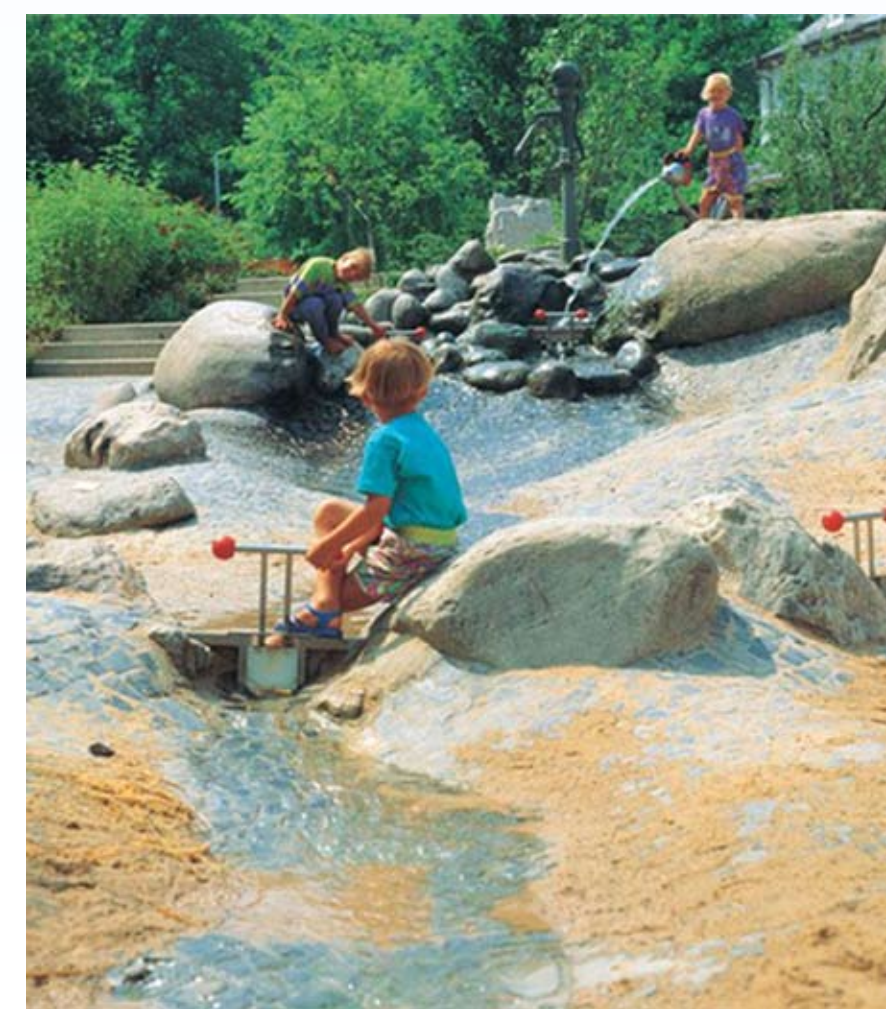
Vertical Axis Wind Turbine



Musical Kinetic Wind Sculpture



Bird House Walk



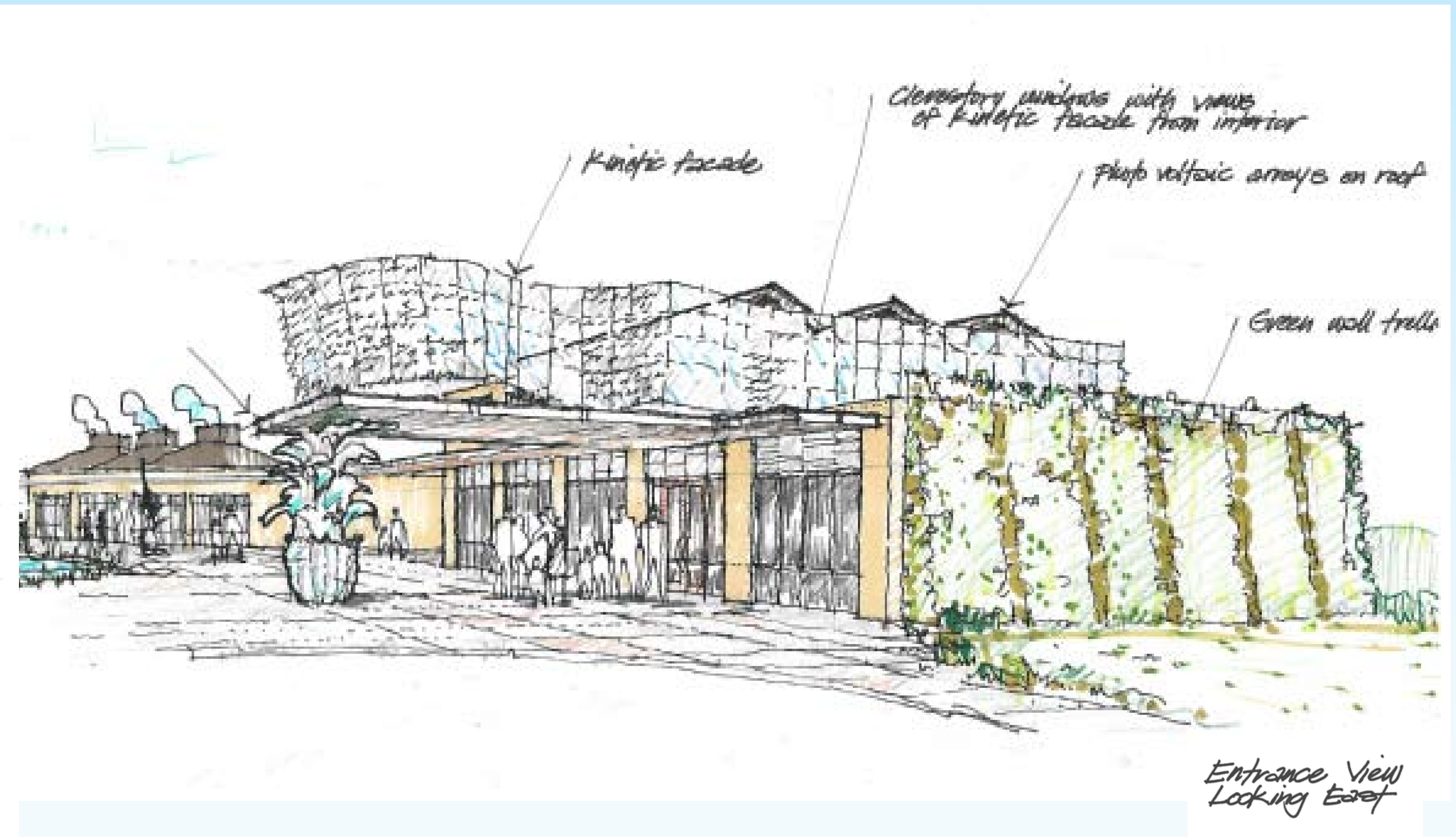
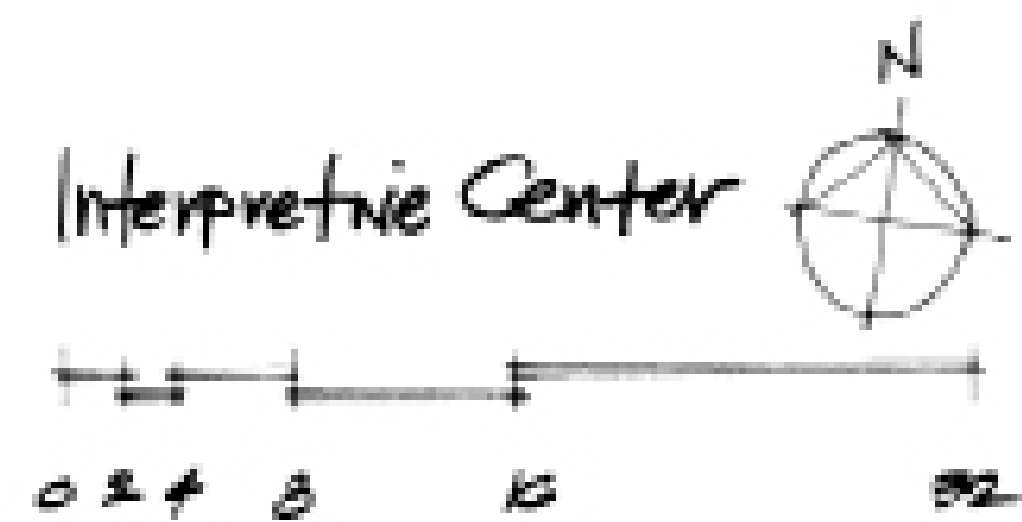
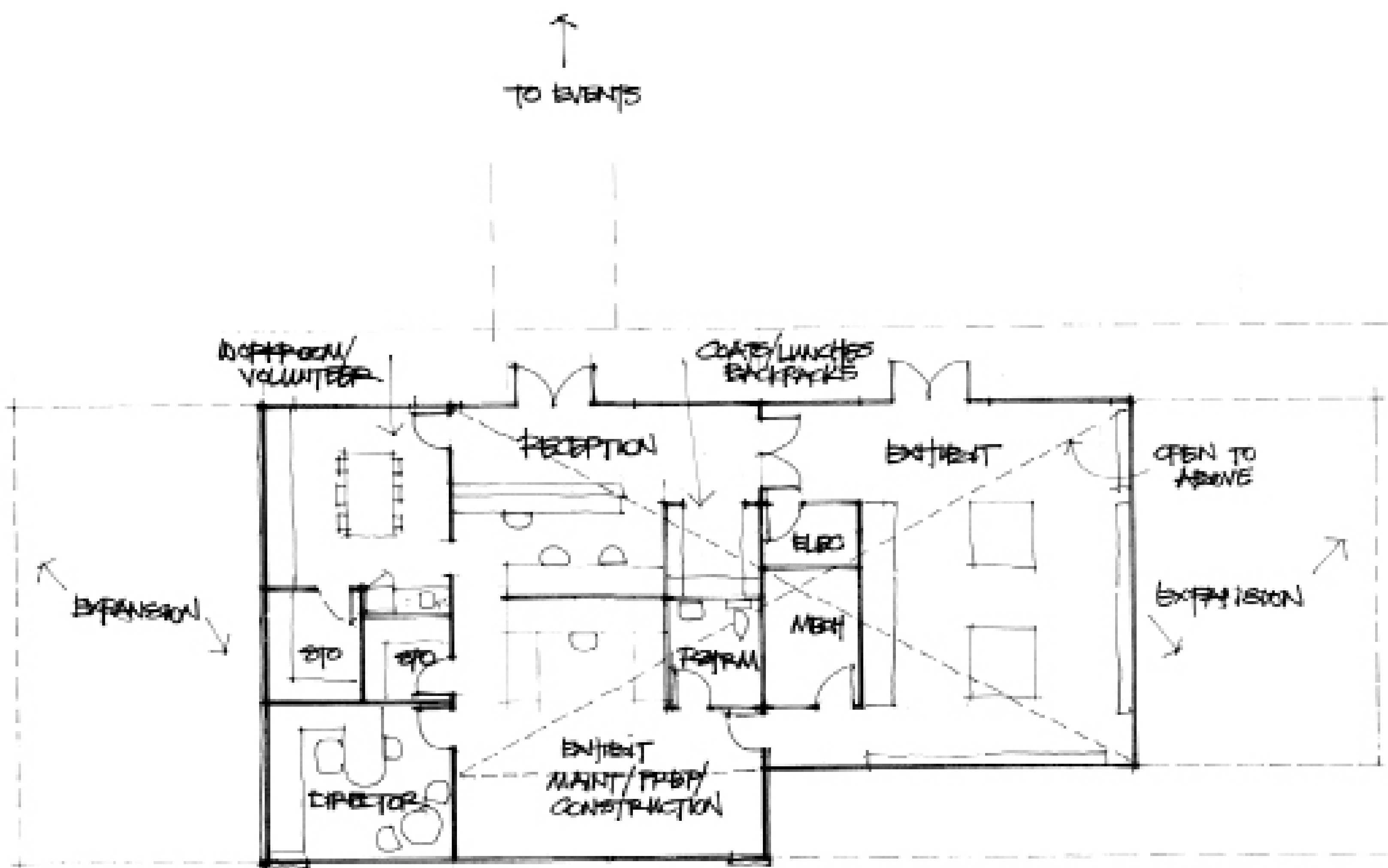
Channel Morphology



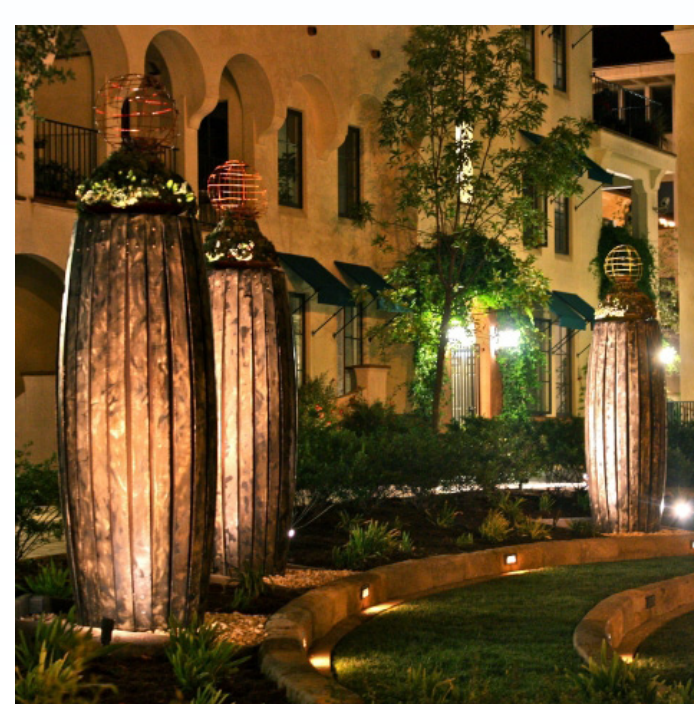
Play Reeds



Hillside Slides



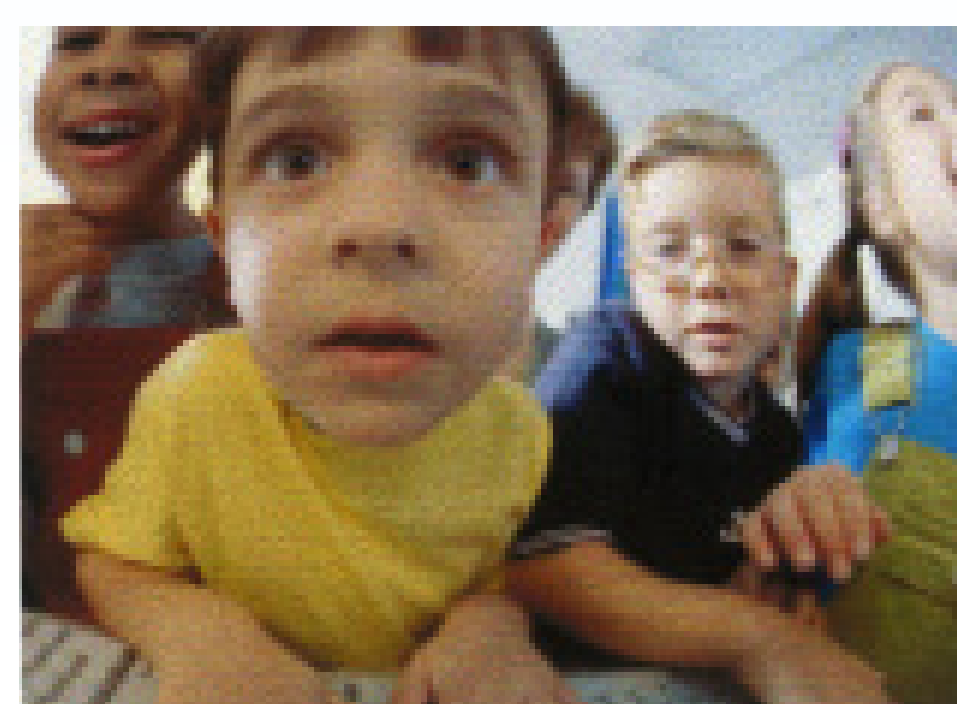
Static Photovoltaic Array



Entrance Sculpture



Entrance Sculpture



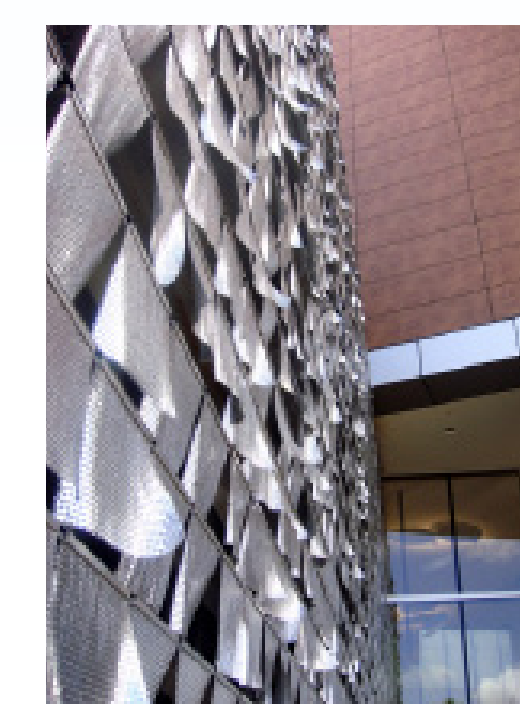
Exhibits



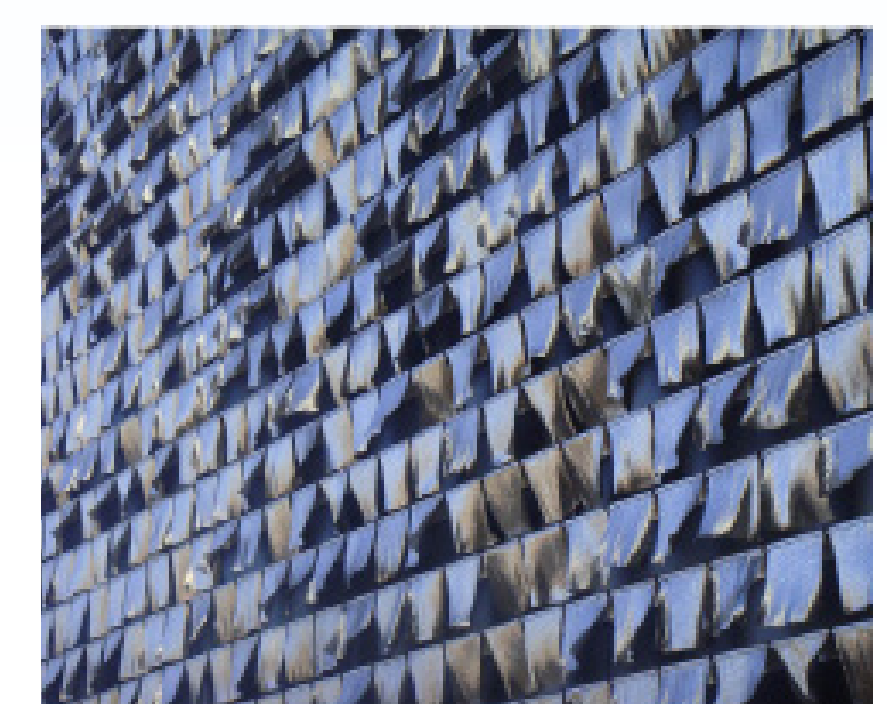
Green Wall



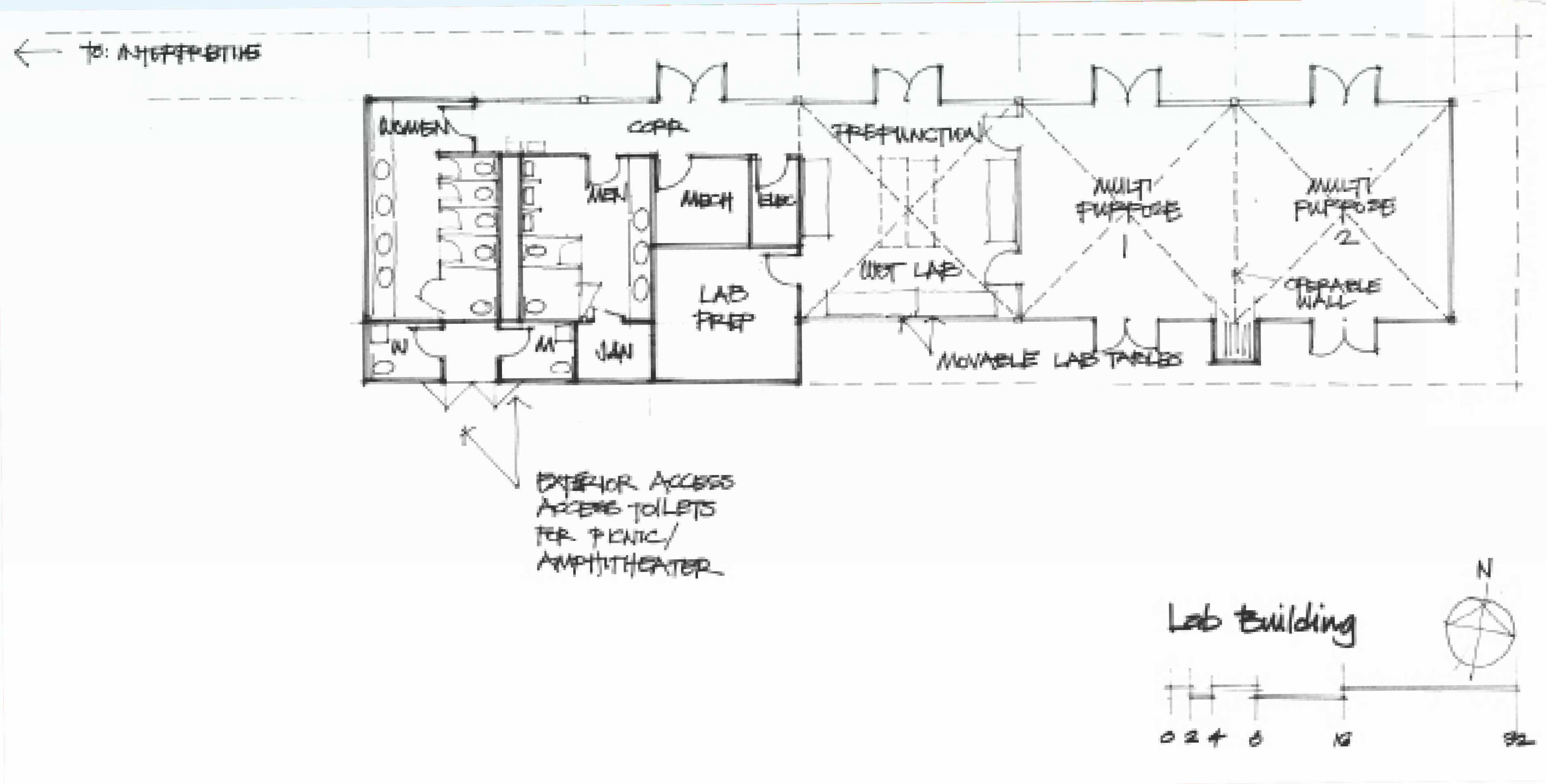
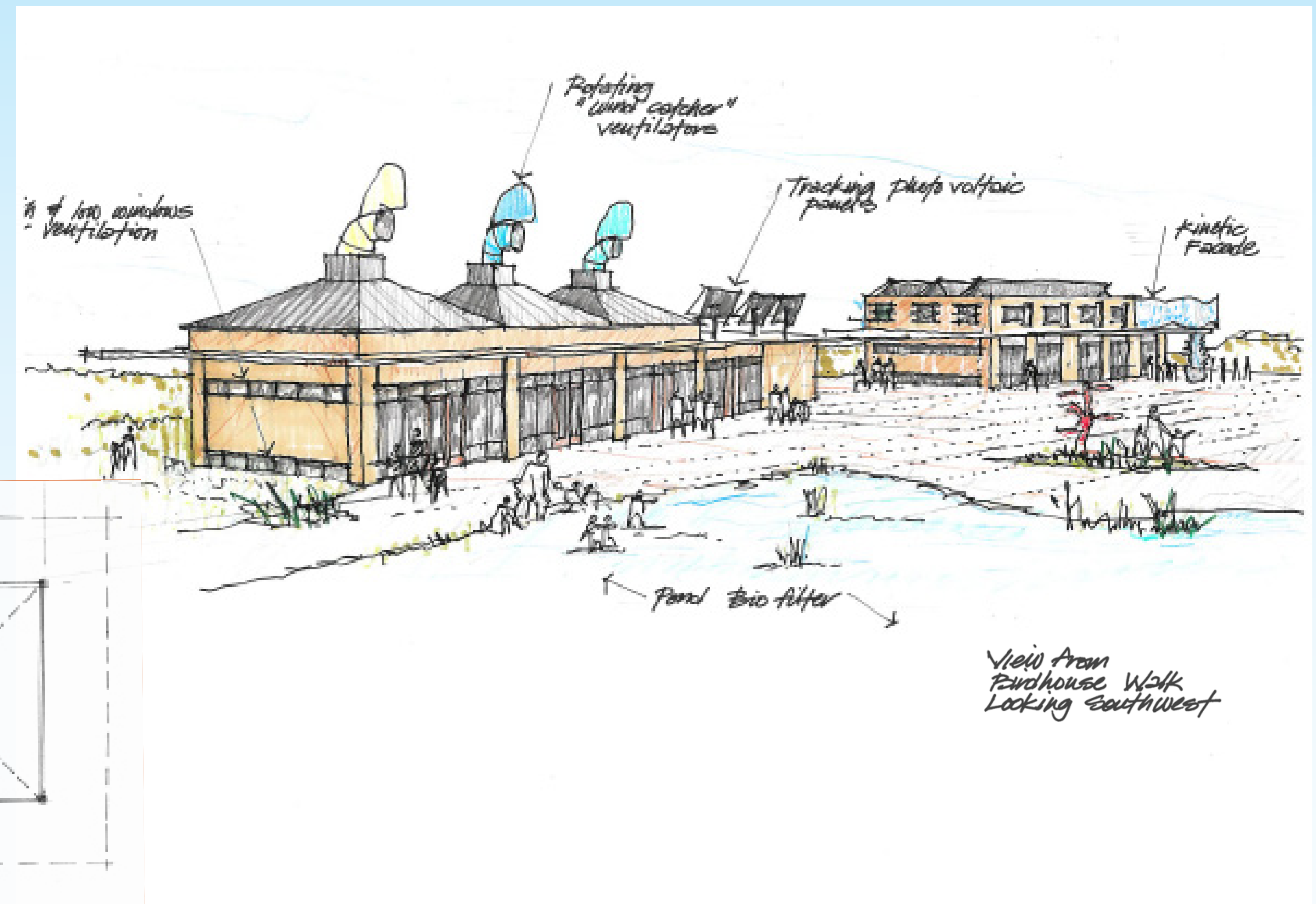
Tracking Photovoltaic



Kinetic Wall



Kinetic Wall



Exposed Structures and Daylight



Cisterns



Tracking Photovoltaic



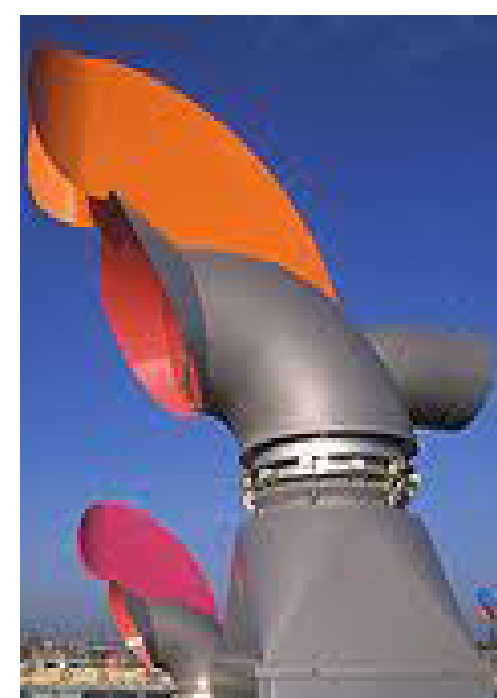
Picnic Shelter and/or Demonstration Areas



Cistern

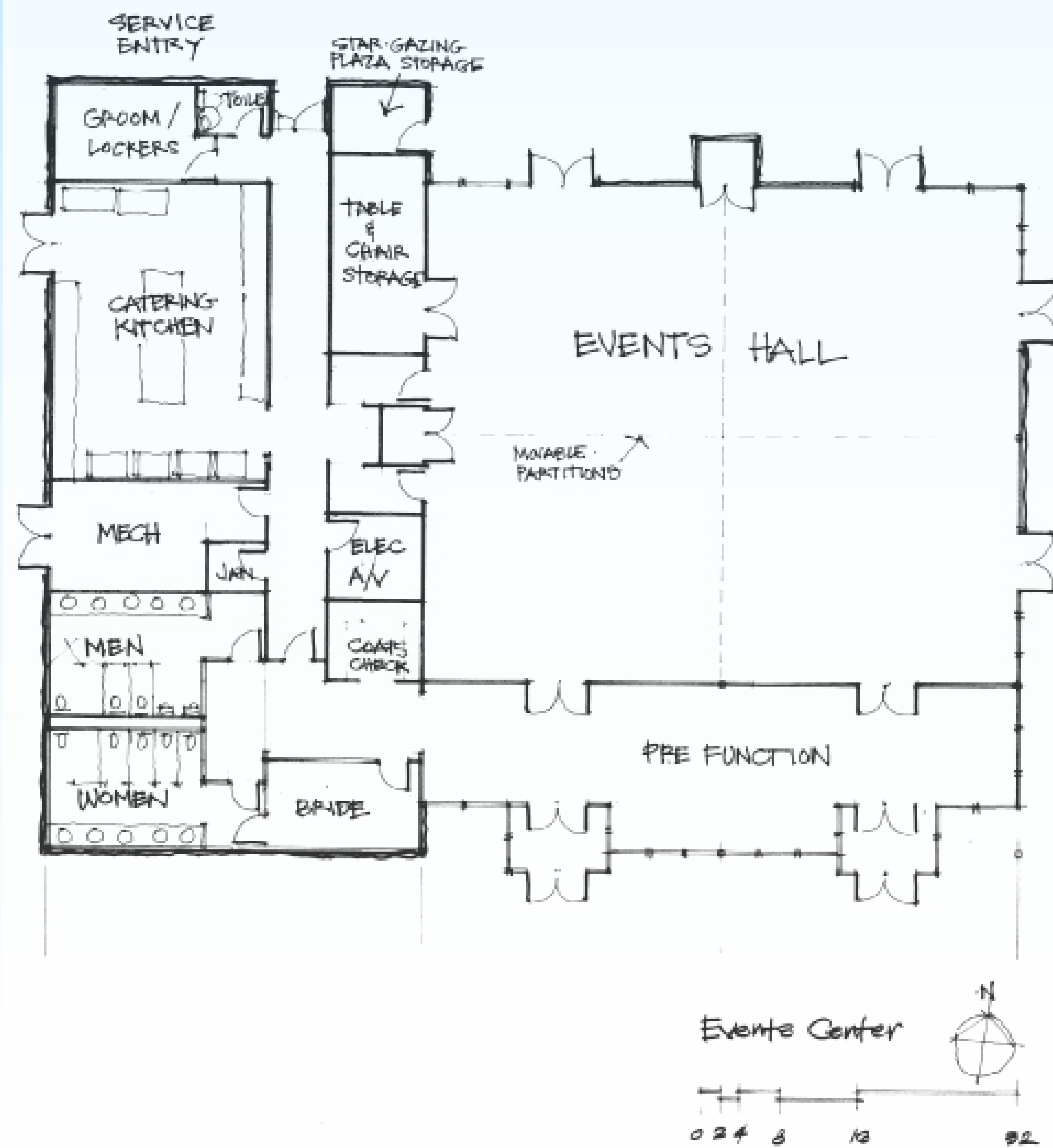


Exposed Structures and Daylight

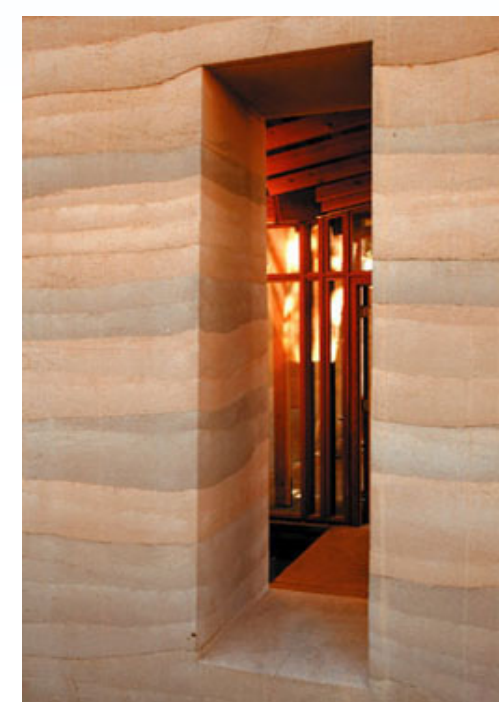


Picnic Shelter

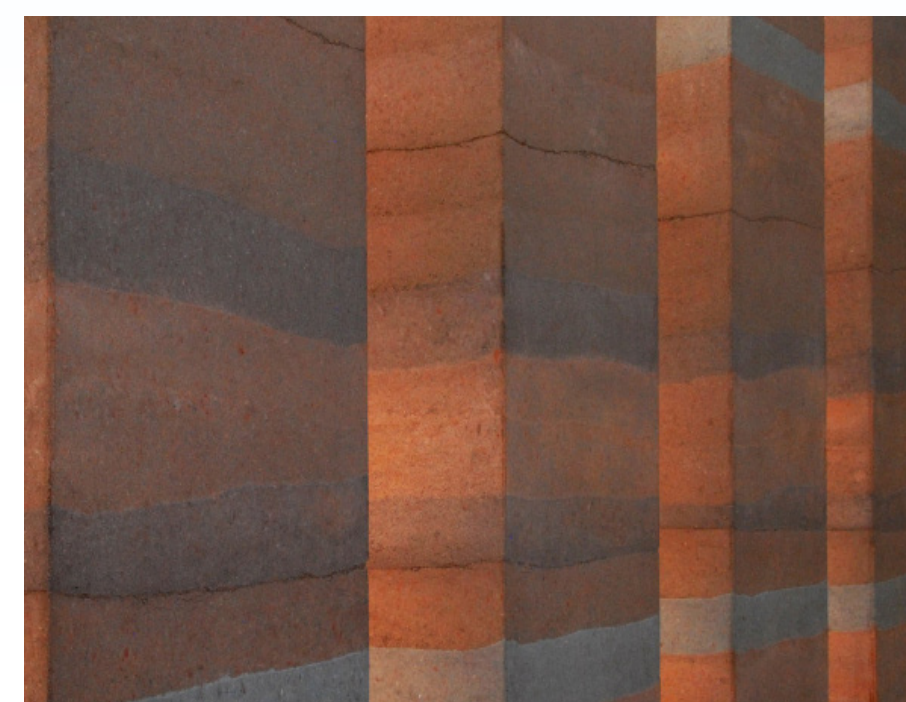
PRELIMINARY
AUGUST 10, 2011



Rammed Earth



Rammed Earth Deep Opening



Thickened Walls



Wall Striations



Green Wall



Rammed Earth



Solar Panel Covered Walkway

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AUGUST 10, 2011



Included in Phase 1 are the following.

- Trails
- Hawk Walk
- Outdoor Classroom w/ Shade Structure, Picnic Tables, and Interpretive Signage





Included in Phase 2 are the following.

- Trails
- Interpretive Center
- Lab Building
- Entry Monument w/ Sandscape
- Bus Drop-Off and Parking
- Car Parking
- Demonstration Pond
- Children's Garden Experience
- Trailhead
- Camp Sites
- Amphitheater
- Wetland Restoration

Future phases include the following.

- Event Center
- Additional Parking
- Campground restroom and Overlook
- Outdoor Classrooms
- Additional Trails
- Fishing Pier Enhancement
- Outdoor Exhibit Hall and Gardens

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AUGUST 10, 2011

