



OYSTER RIVER PARK



UNIVERSITY OF
GEORGIA
College of
Environment + Design

FORMS+SURFACES[®]

BELGARD[®] | PAVES
THE WAY

Kimley»Horn

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OUR VISION

As this project is a reclamation of a former construction and demolition landfill, our design centers around creating a relationship between patrons and the natural ecosystems present. The finished project will include a community garden, dog park, and water access, creating opportunities for the locals to immerse themselves in the landscape. Centralized in an area rapidly increasing in residential population, this design offers recreational and educational activities to satisfy a diverse range of wants and needs. The park accommodates many modes of traffic, consisting of a marina suitable for patrons coming from the waterway, bike paths, ADA compatible footpaths and a road looping through the site, connecting amenities. A variety of educational signage will be placed around the site outlining natural, ecosystemic processes as well as native species and historical events relevant to the area. Not only will this educate the existing adult population, but it will inspire youth of the community to grow up with passion and compassion for the native environment. We can only reap the benefits of the natural environment by remembering the services the ecosystem provides for us, and we hope to provide that service to our environment through this park.

PRECEDENT IMAGERY

Community Garden



Pavilion



Educational Signage



Interactive Waterworks



Raised Boardwalk



Marina



Naturalistic Splash Pad



Kayak Drop

SITE ANALYSIS



LEGEND

 Mangrove patches	 Wetlands
 Existing dock	 Existing road
 Existing beach	 Potential views

ASSESSMENT OF SITE AMENITIES

Opportunities

Natural breaks in the mangrove patches provide valuable outlooks and access to the waterway

Existing road and entrances already create something of a loop that can be expanded without having to disturb excess amounts of unpaved land

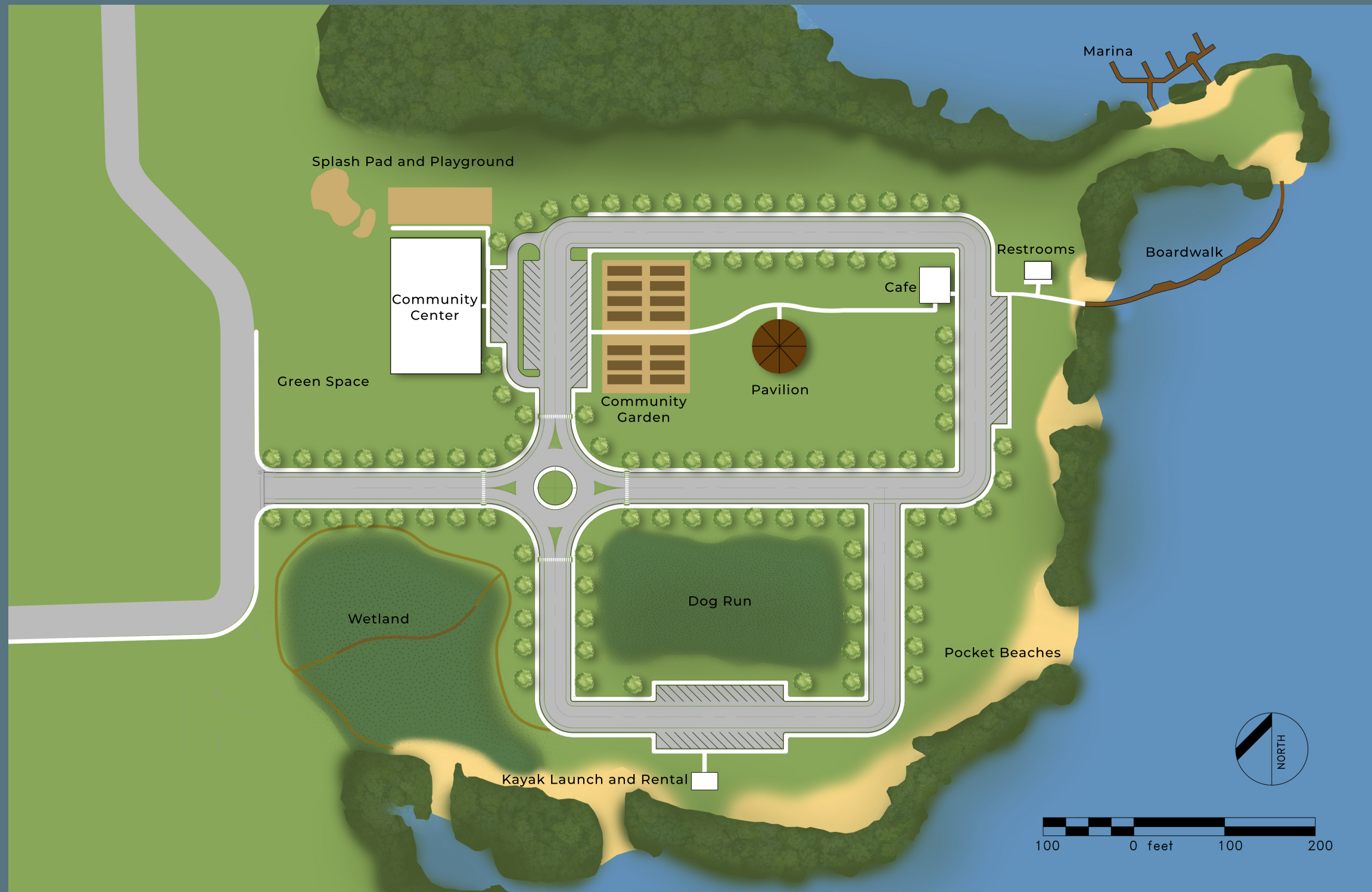
Wetlands on site are positioned for filtration from the largest paved area (parking and central building) into the mangroves and waterway

Constraints

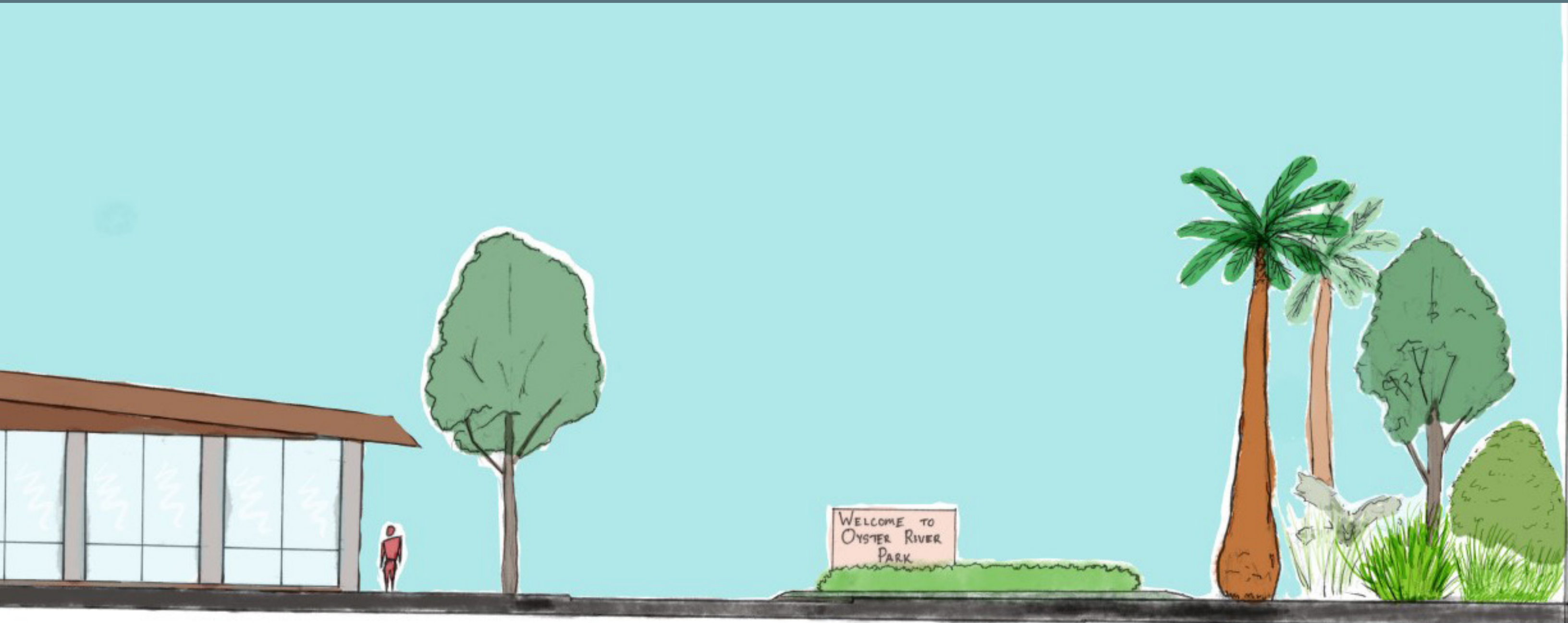
Limited overall access to the coast due to mangroves as well as necessary mangrove buffer area cutting into developable land

Leftover material from the landfill must be repurposed or hauled away at a high cost

MASTER PLAN



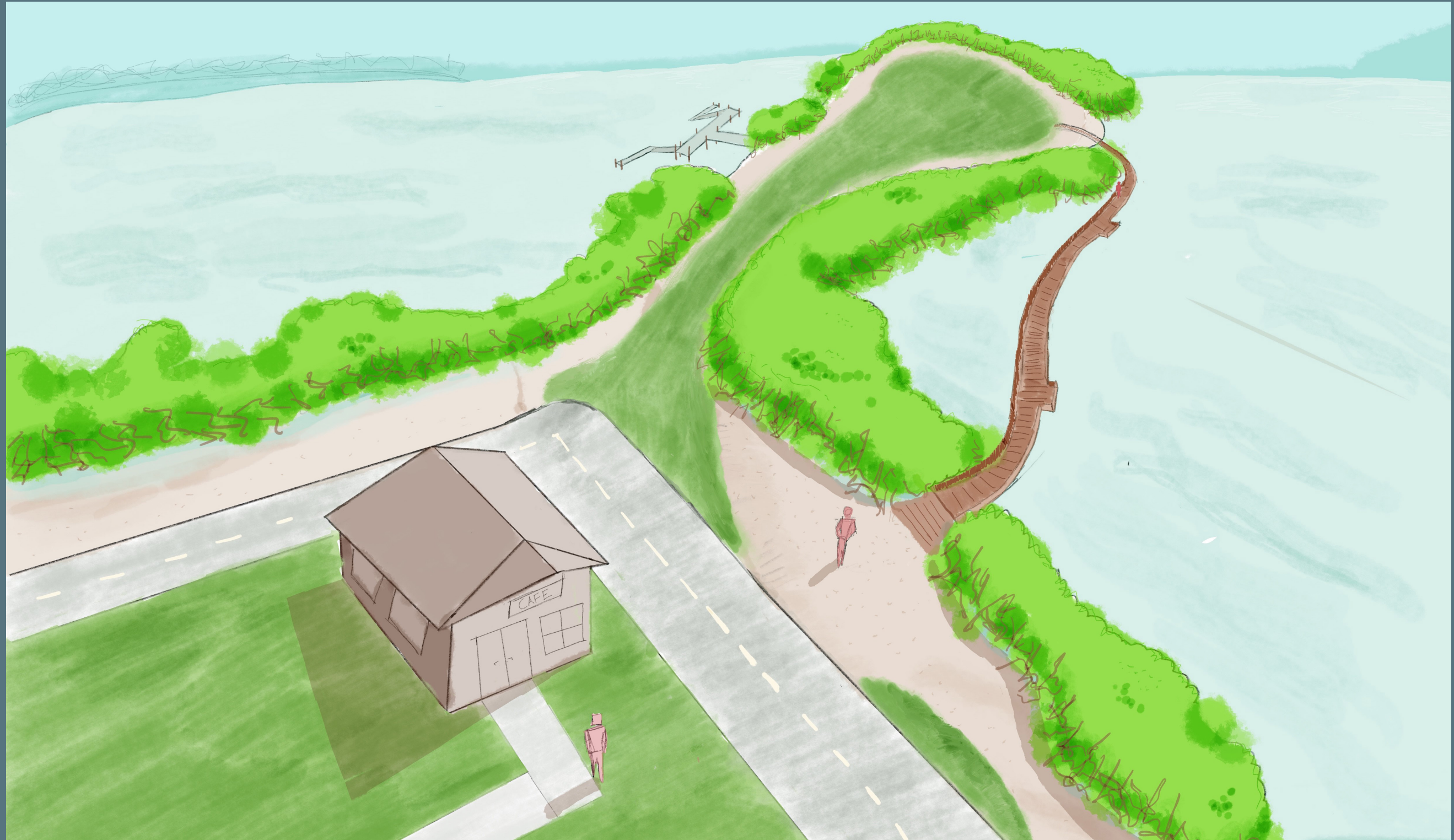
ENTRANCE SECTION



A

A'
7

BOARDWALK & BEACH



SAMPLE EDUCATIONAL SIGN

WHY ARE MANGROVES IMPORTANT?

Mangrove trees are important because they provide many services to humans and our environment. One way they are helpful is by helping to prevent erosion and protecting the coast from storms. Mangrove forests also provide a habitat for wildlife like birds and fish.

Unfortunately, mangrove trees are considered endangered. This is caused by human activities such as cutting down mangrove forests and water pollution. In order to protect the mangroves, we should be careful about how we interact with their ecosystem.

Erosion: the destruction of something over time

Endangered: at risk of extinction

Ecosystem: a community of organisms and their environment

"Why Are Florida's Mangroves Important?" Nature.org, The Nature Conservancy, 4 May 2020, <https://www.nature.org/en-us/about-us/where-we-work/united-states/florida/stories-in-florida/why-mangroves-important/>.

HARDSCAPE MATERIALS



SPLASH PAD PAVING



PERMEABLE PAVERS

KAYAK LAUNCH AND
OUTDOOR SHOWERS



IMPERVIOUS PAVERS

COMMUNITY CENTER
AND PAVILION

SITE FURNISHINGS

PLAYGROUND



BOARDWALK AND PAVILION



COMMUNITY GARDEN



PLANTING



Chaste Tree



Florida Elm

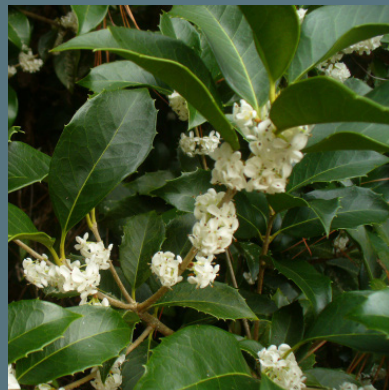


White Geiger



Yellow Trumpet

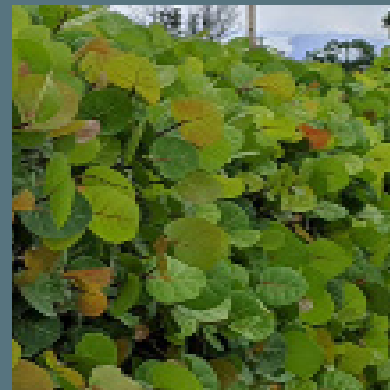
TREES



Tea Olive



Yellow Anise



Sea Grape



Dwarf Firebush

SHRUBS



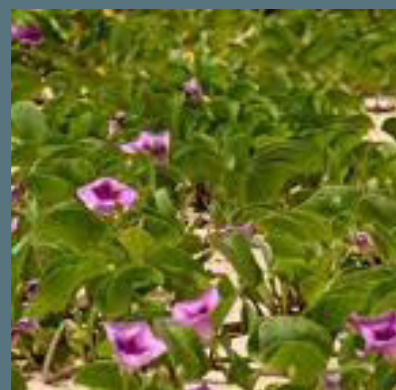
Agapanthus



Leopard Plant



Trailing Lantana



Railroad Vine

GROUNDCOVERS