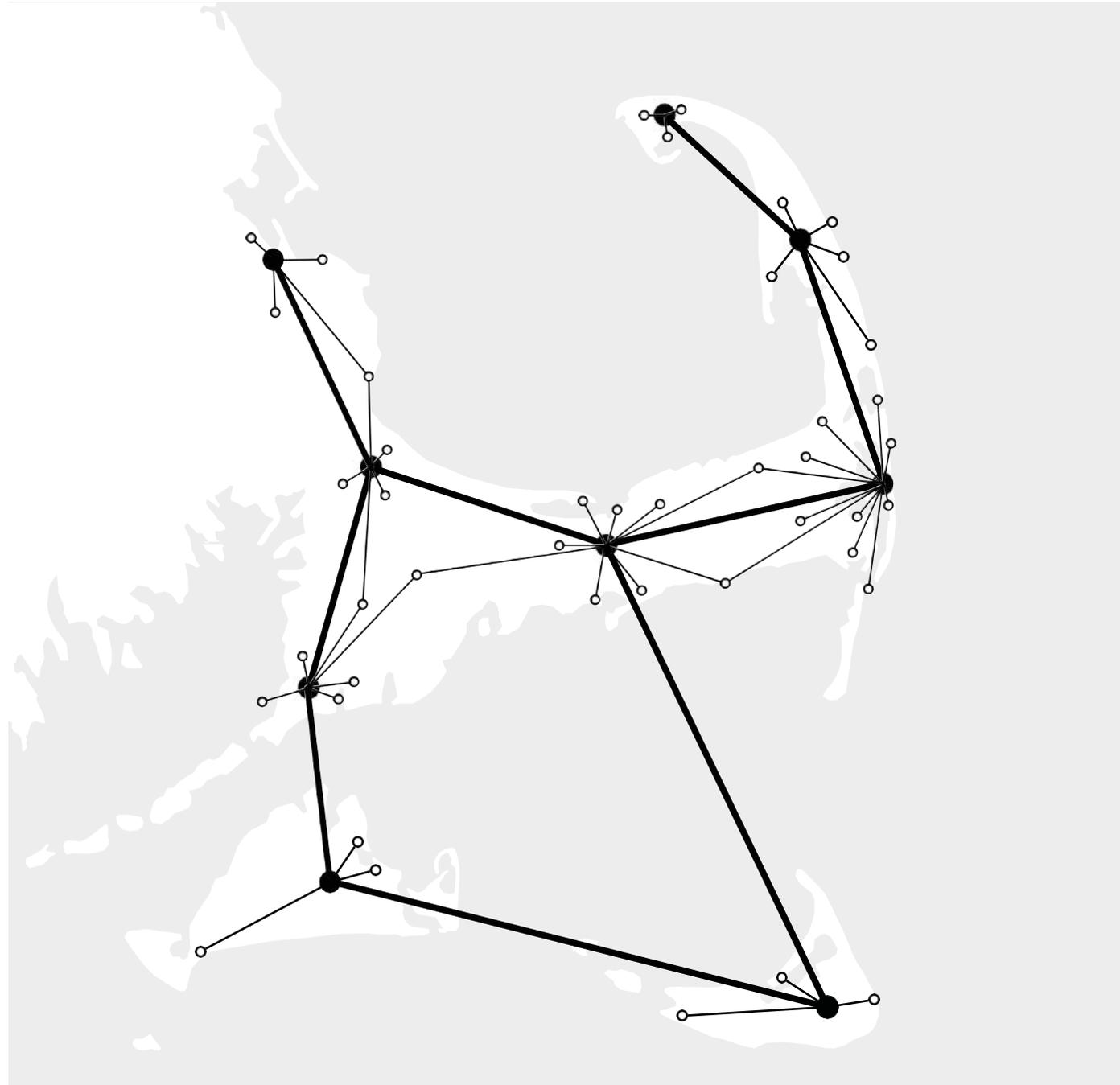


# Expedition: Blue!

Design Overview

## Expedition Blue **Approach**



### Definition

Expedition Blue is a network of sites in the Cape Cod region showcasing how water anchors our landscape, powers our economy, and inspires our future.

**An integrated system of architecture, landscape, exhibits and identity that demonstrates the blue economy in action and is durable, ecological, efficient and flexible.**

**An even **more adaptable kit of parts** that can be highly responsive to town & partner input but still be rigorously standardized**

**An anchor for **regional identity** and for new **experiences in the landscape****

**A new **front porch** and a new **way into** the blue economy!**

# Historical Inspiration: Humane Society Lifesaving Huts

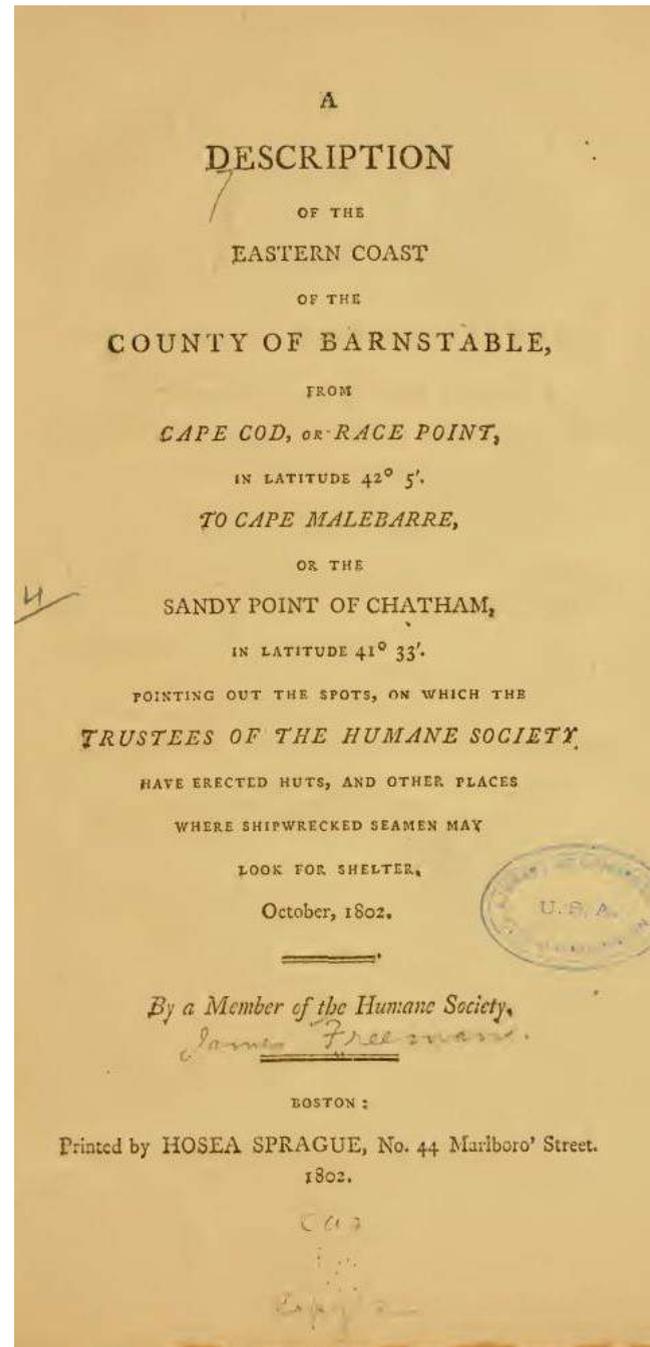
The 1802 "Description of the Eastern Coast of the County of Barnstable from Cape Cod, or Race Point in Latitude 42..." is not as arcane as its title may appear. In this publication, James Freeman, a member of the Humane Society of Massachusetts provided a surprisingly relevant template for Expedition: Blue.

His account of the small huts, erected, funded and maintained by the Humane Society tells of a project devoted to the aid of shipwrecked sailors off the coast of Cape Cod for the preservation of life and economic gain.

With great sensitivity to the landscape, the waterborne economy and to a purposeful resourcefulness and pragmatism, he tells where bedraggled mariners can find shelter after a shipwreck until further help arrives and, in some ways, sets forward a program for how to understand the region in terms of building and living in relationship to the environment, albeit in extreme circumstances.

The typical hut is a standardized kit of parts on an 8'x8'x7' module. The striking thing for the present effort is that he describes a network

of semi-temporary, lightly furnished, community-maintained, environmentally-sensitive shacks which are aids to life and economic development and identified by a coordinate system no less! While this is for shipwrecked sailors, ours will be for a different kind of cast-away from the modern day landside looking to find a balance of life



## Network of Shelters

At the head of Stout's Creek the Trustees have built a second hut. Stout's Creek is a small branch of East Harbour in Truro. Many years ago there was a body of salt marsh on it;

## Community-Maintained

The Rev. Mr. Damon of Truro has also promised to visit the hut at Stout's Creek twice or thrice in a year; and the Rev. Mr. Whitman of Wellfleet, distinguished through the county

## Strategically Located

The hut now erected stands on a place covered with beach grass. To prevent any accident from happening to it, or to the other hut near Peaked Hill, the Trustees have secured the

## Coordinate System

third hut, on Nauset beach. Nauset beach begins in latitude 41° 51' and extends south to latitude 41° 41'. It is divided into two parts by a breach, which the ocean has made through

## Aids to Life and

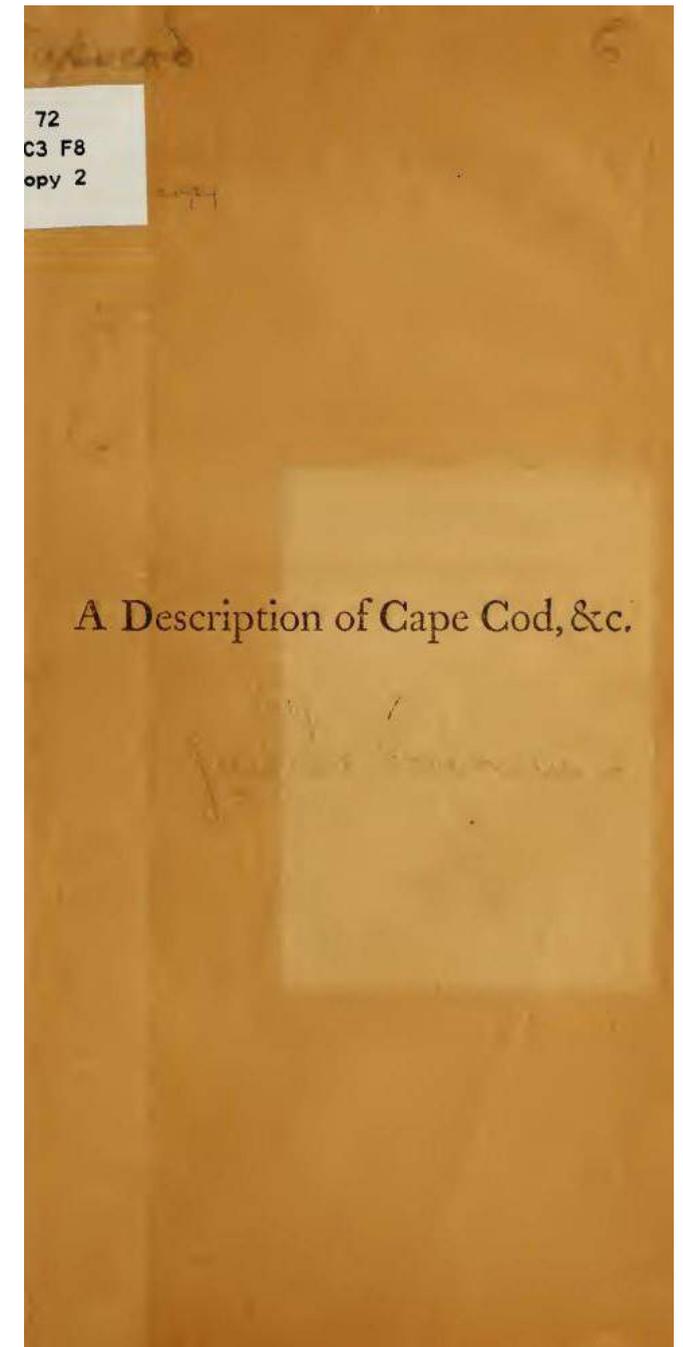
**Economy** Seamen, cast away on this part of the coast, will find a shelter here; and in north-east storms, should they strike to the leeward of it, and be unable to turn their faces to

## Modular

The six huts, the situation of which has thus been pointed out, are all of one size and shape. Each hut stands on piles, is eight feet long, eight feet wide, and seven feet high; a sliding door is on the south, a sliding shutter on the west, and a pole, rising fifteen feet above the top of the building, on the east. Within, it is supplied either with straw or hay; and is farther accommodated with a bench.

## Super-Resourceful

Two miles below the sixth hut is a fishing house, built of thatch, in the form of a wigwam. It stands on the west side of the beach, a quarter of a mile from the ocean. Annually in September it is renewed; and generally remains in tolerable preservation during the winter.



# Some Possible Ancestors

Economical, Resourceful, Natural, Flexible Structures are par of the Cape's building traditions

**Wetu**



**pre-1800's**

**Lifesaving Huts**



**early 1800's**

**Artist Shacks**



**early 1900's**

**Cape Modern**



**mid 1900's**

**Expedition: Blue!**



**Present**

Acknowledgement to Peter McMahon & Christine Cipriani

# Concept Design: Architecture References

## More Porch, less Kiosk

While a kiosk may tell about a place, a porch is a place. The porch welcomes, and also invites further experiences



## More Modular & Adaptable

Taking cues from various building traditions of the region, we see that durable, flexible, environmentally-ly keen buildings are most able to show the ethos of the region and the values of the blue economy.



## Material = Identity

The use of simple, but purposeful new and old materials is key to durability and communicating the ethos of Expedition Blue. Possible materials include Thermally modified wood, polycarbonate, recycled ocean plastic, reused materials, light foundations



## More Ways to See & Experience

Window to Explorations. Seeing prompts doing.



# Module Overview: A range of options



## **XXS** extra-extrasmall

- 8' tall 4x4 wood post
- "viewport"
- Interpretive text on metal collar
- 3' of pole is below grade
- direct-buried with no foundation required

## **XS** extrasmall

- Interpretive panel with room for signage, maps, etc...
- tall window

## **S4** small, option4

- open frame
- partial deck for sitting
- large frames allow for interpreting objects above, below and horizontally

## **S3** small, option3

- interpretive panel with room for signage, maps, etc...
- tall window
- large frames allow for interpreting objects above and horizontally
- 6" step to provide "front stoop" to the porch

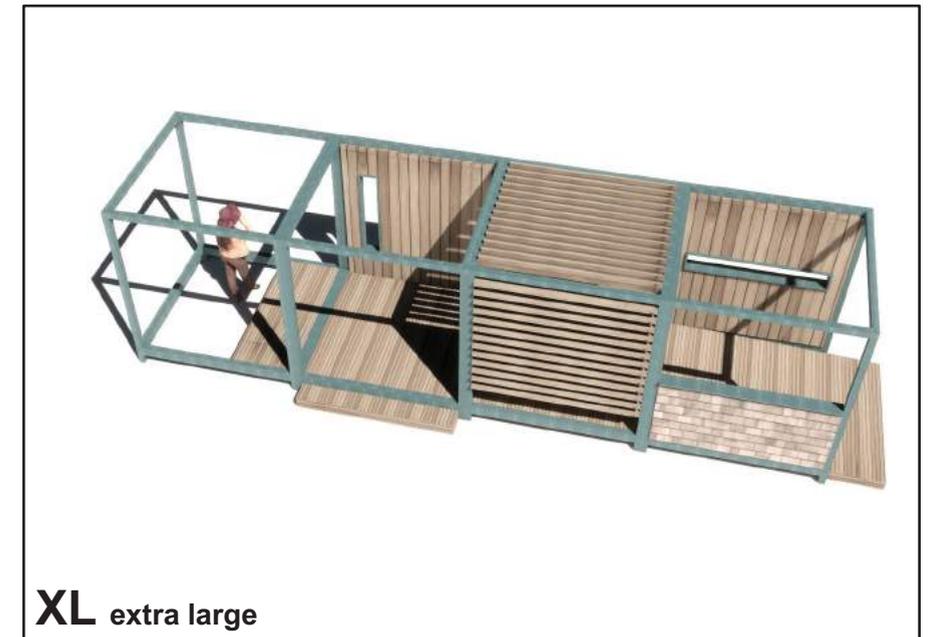
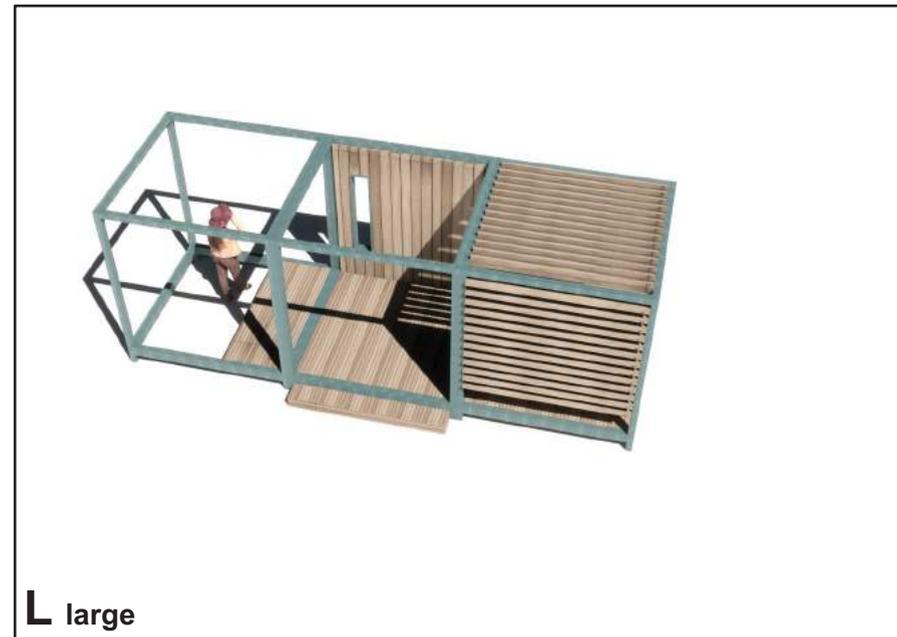
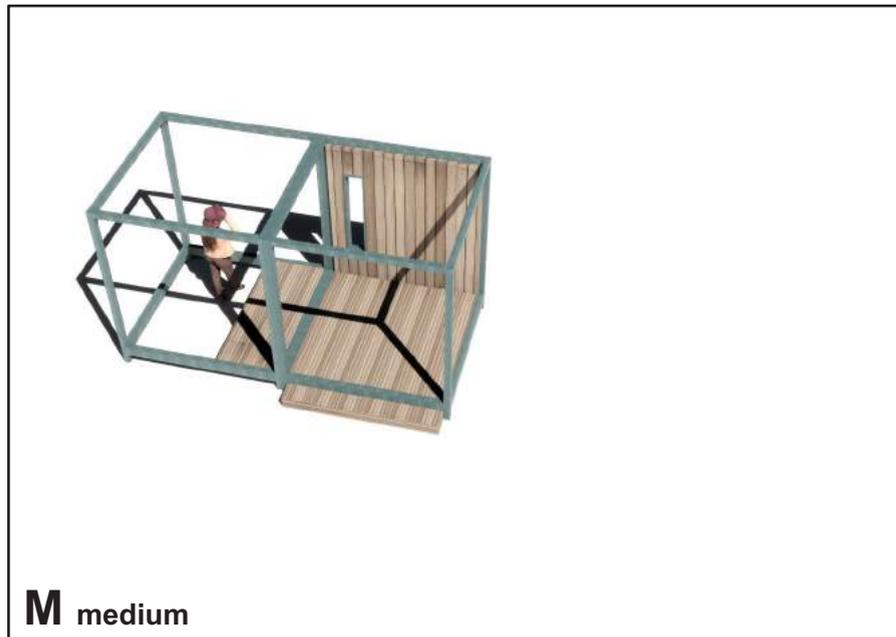
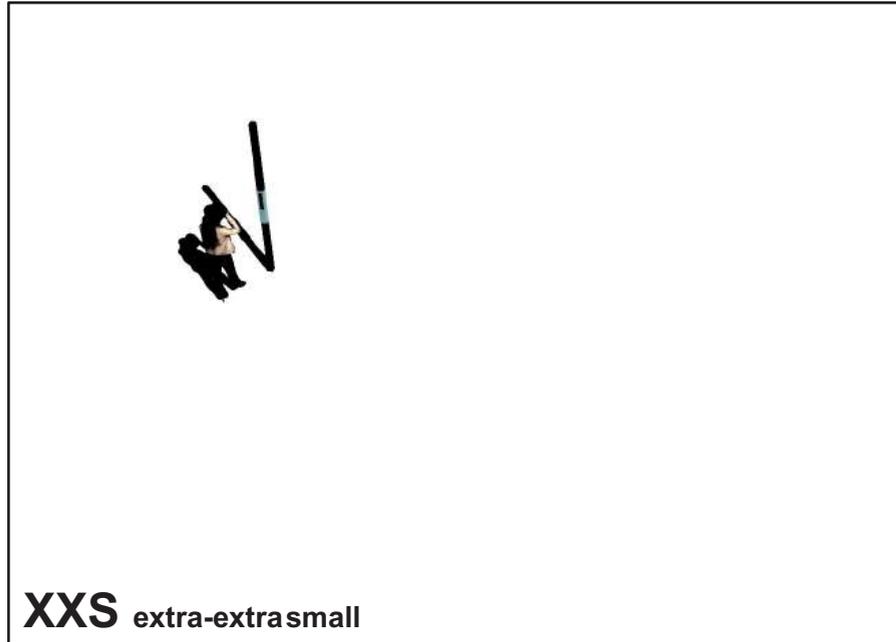
## **S2** small, option2

- slatted roof and walls provide shade and privacy
- slats form a series of "strata" or "horizons" for viewing different layers of the surroundings.
- 8' long bench
- Interpretive text as captions on wood structures

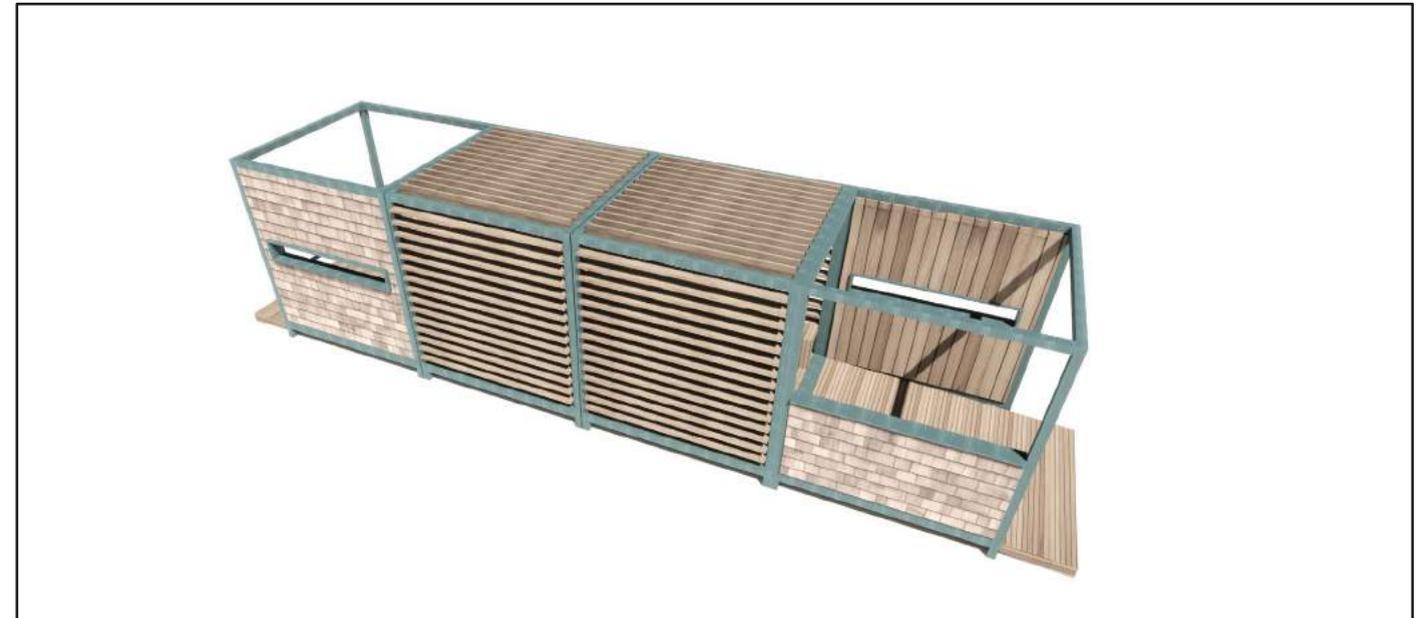
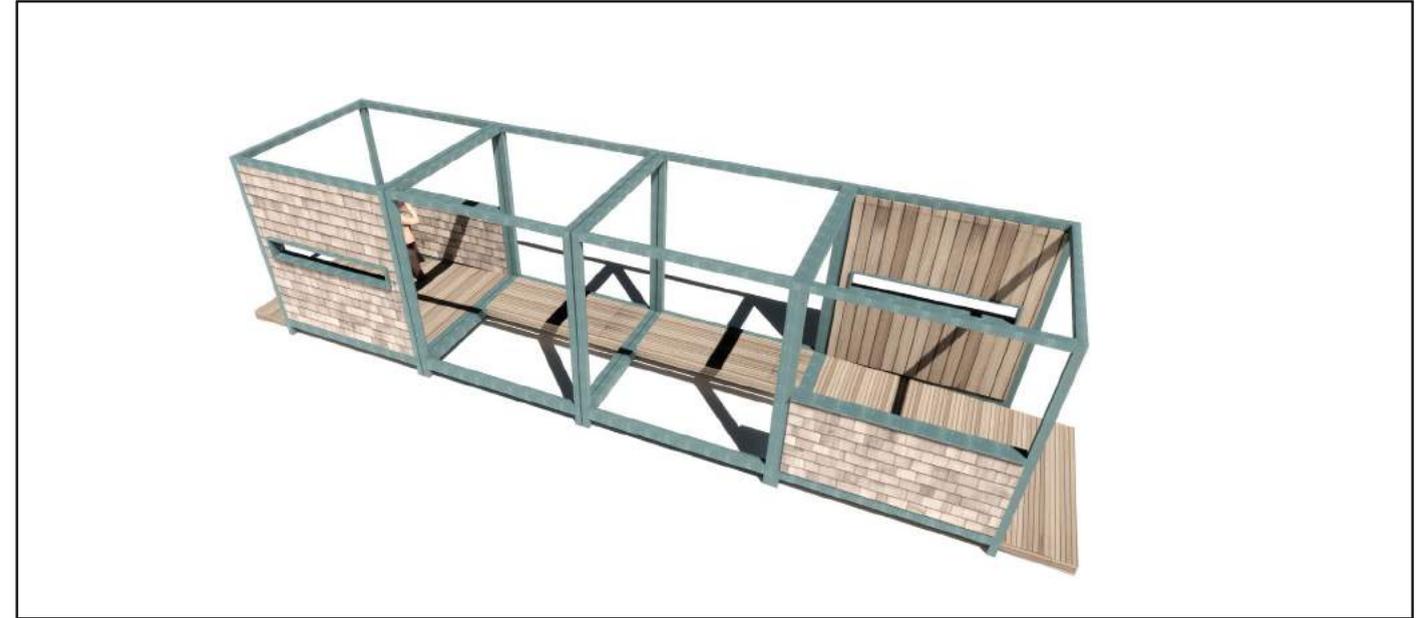
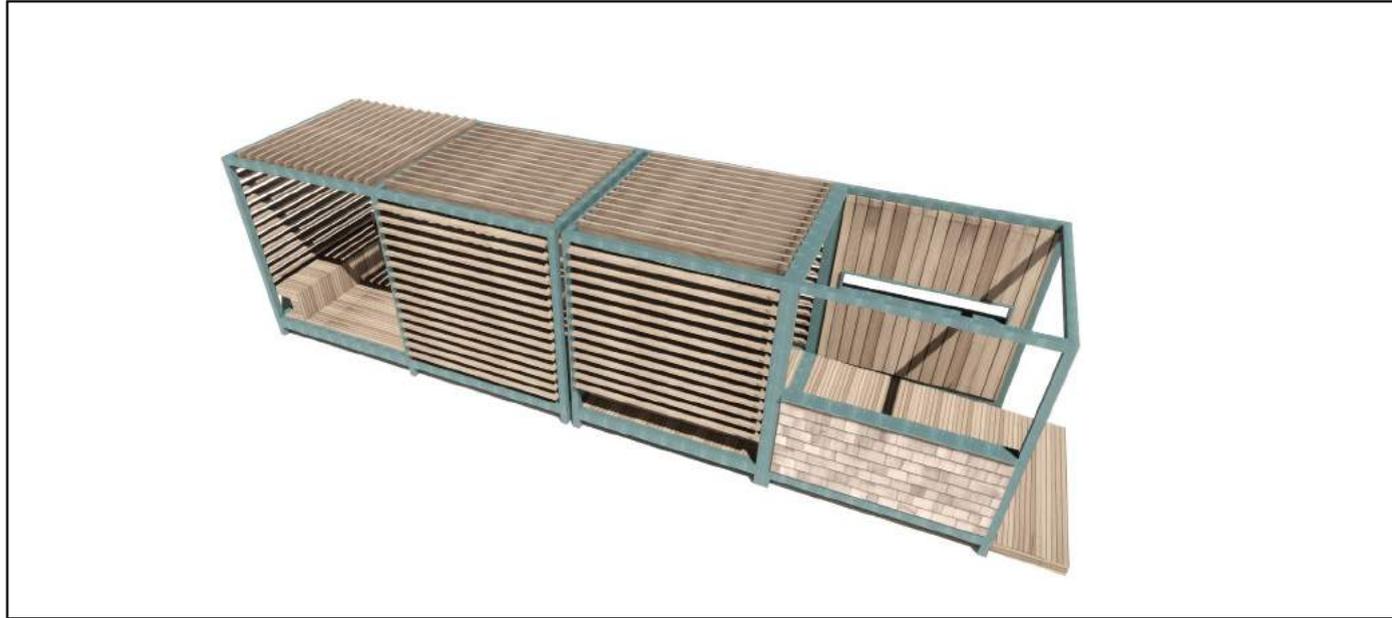
## **S1** small, option1

- low wall and high wall provide space for interpretation and graphics and artifacts
- 1:20 sloped platform to allow ADA access
- long, low window for landscape

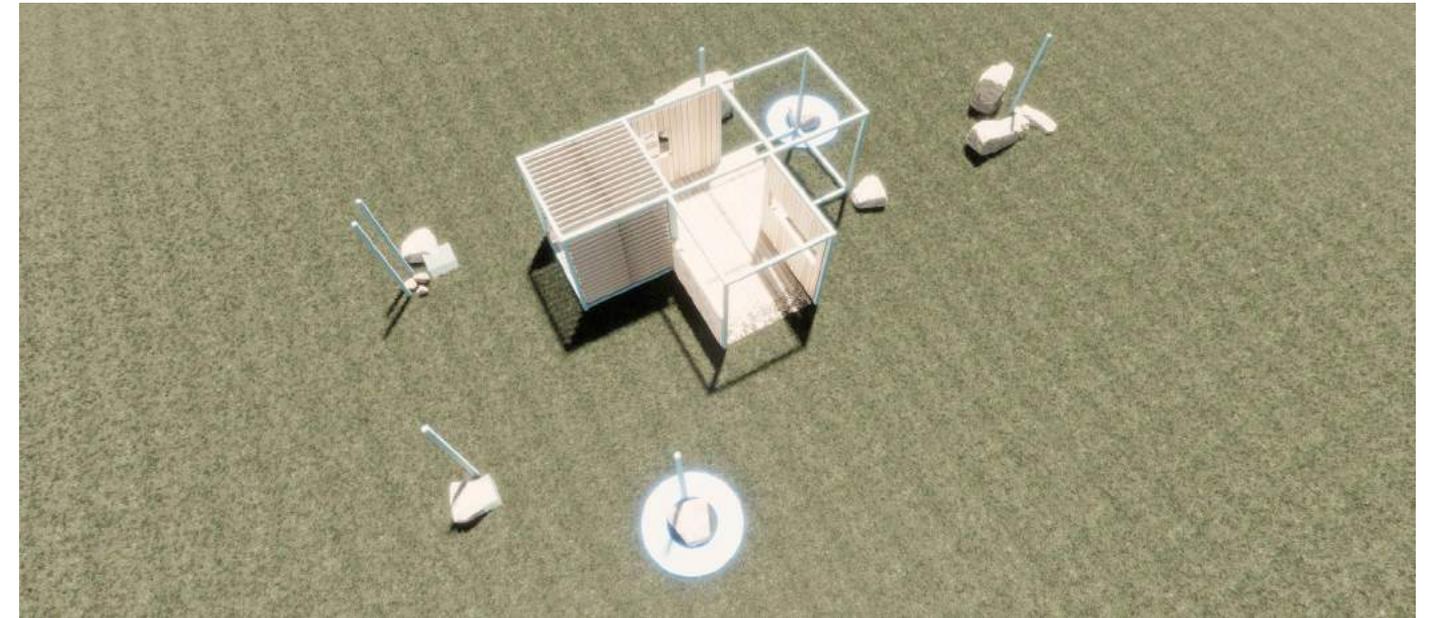
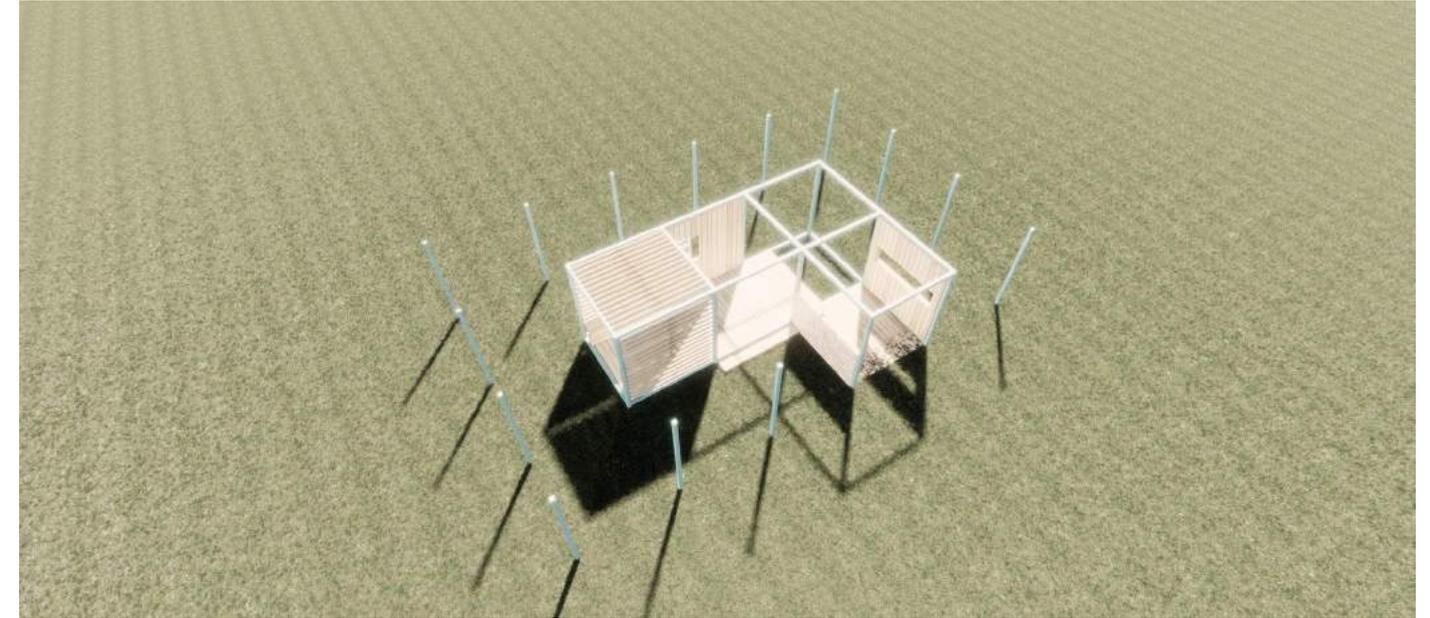
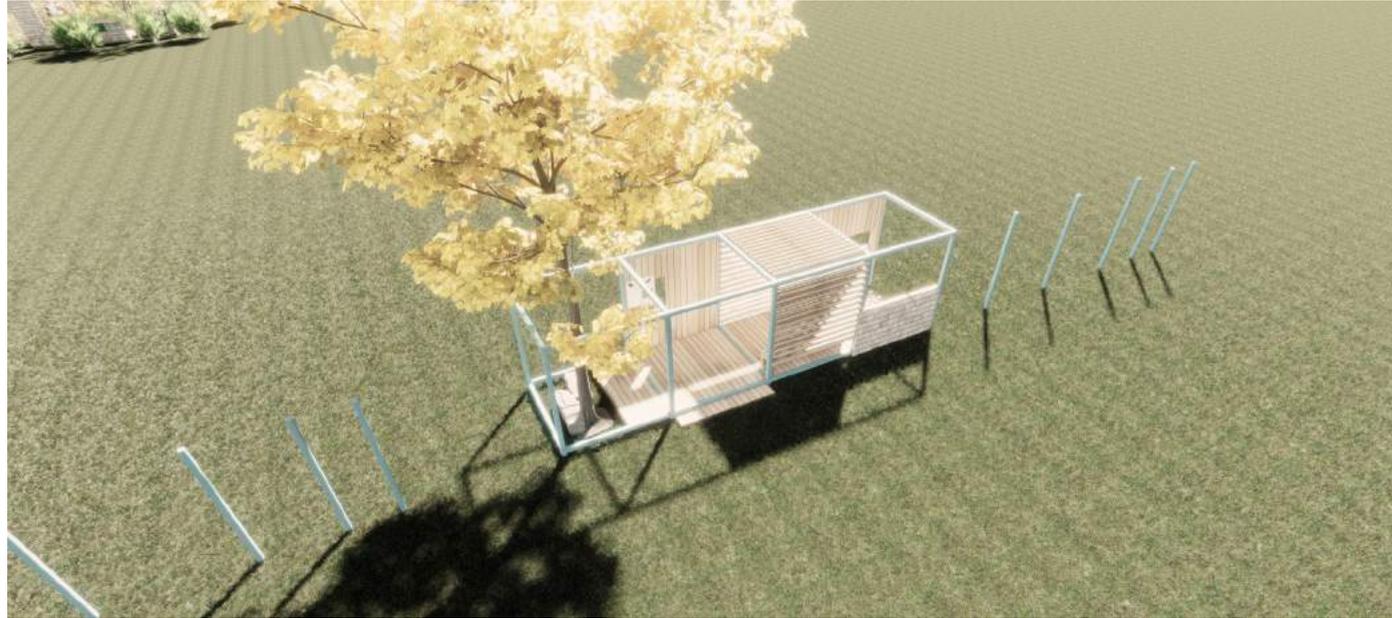
# Module Size Options: A range of sizes



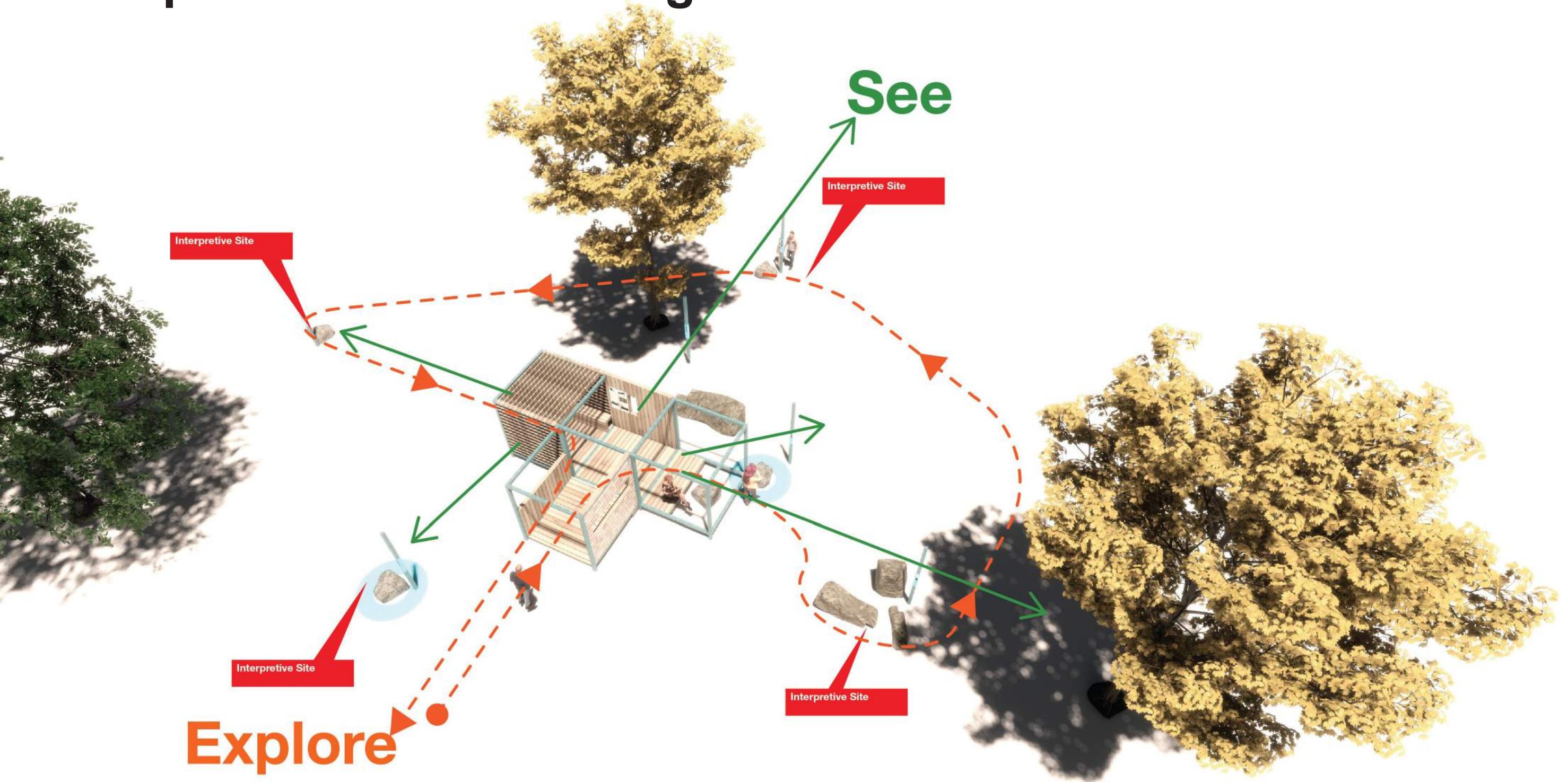
# Potential Combinations linear variations



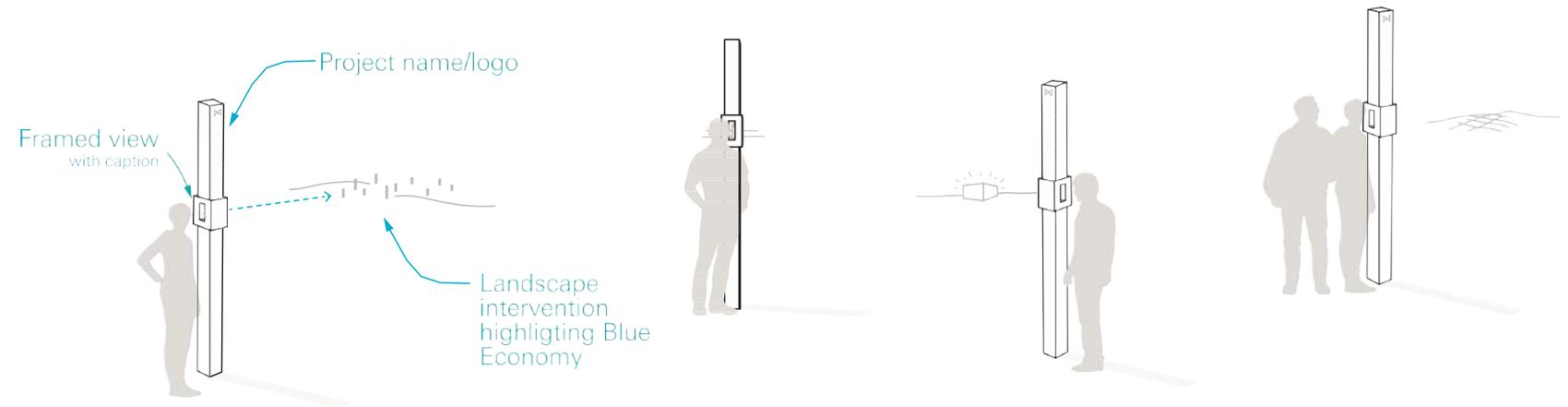
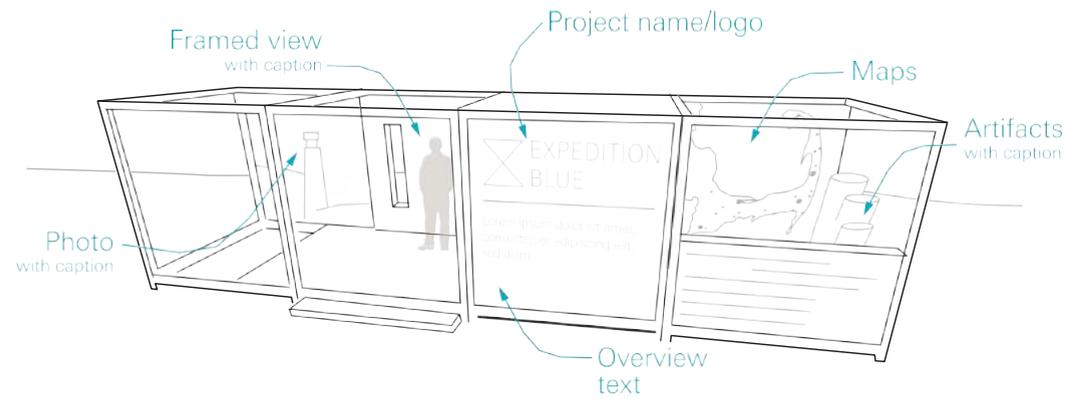
# Potential Combinations field variations



# Interpretive Overview Diagram



# Expedition Blue **Approach**



## **Installations**

### **Windows and Doors to the Blue Economy**

These installations serve as “hubs” for Expedition Blue and provide an overview of the Blue Economy and the network of installations. They encourage visitors to find the “markers.”

#### **Communication tools**

- Name/logo
- Overview text
- Maps: overview and local
- Stories:
  - photos/illustrations
  - text (captions, quotes, poems and/or brief stories)
  - artifacts
  - framed views (of blue economy elements)

### **Interpretive Markers**

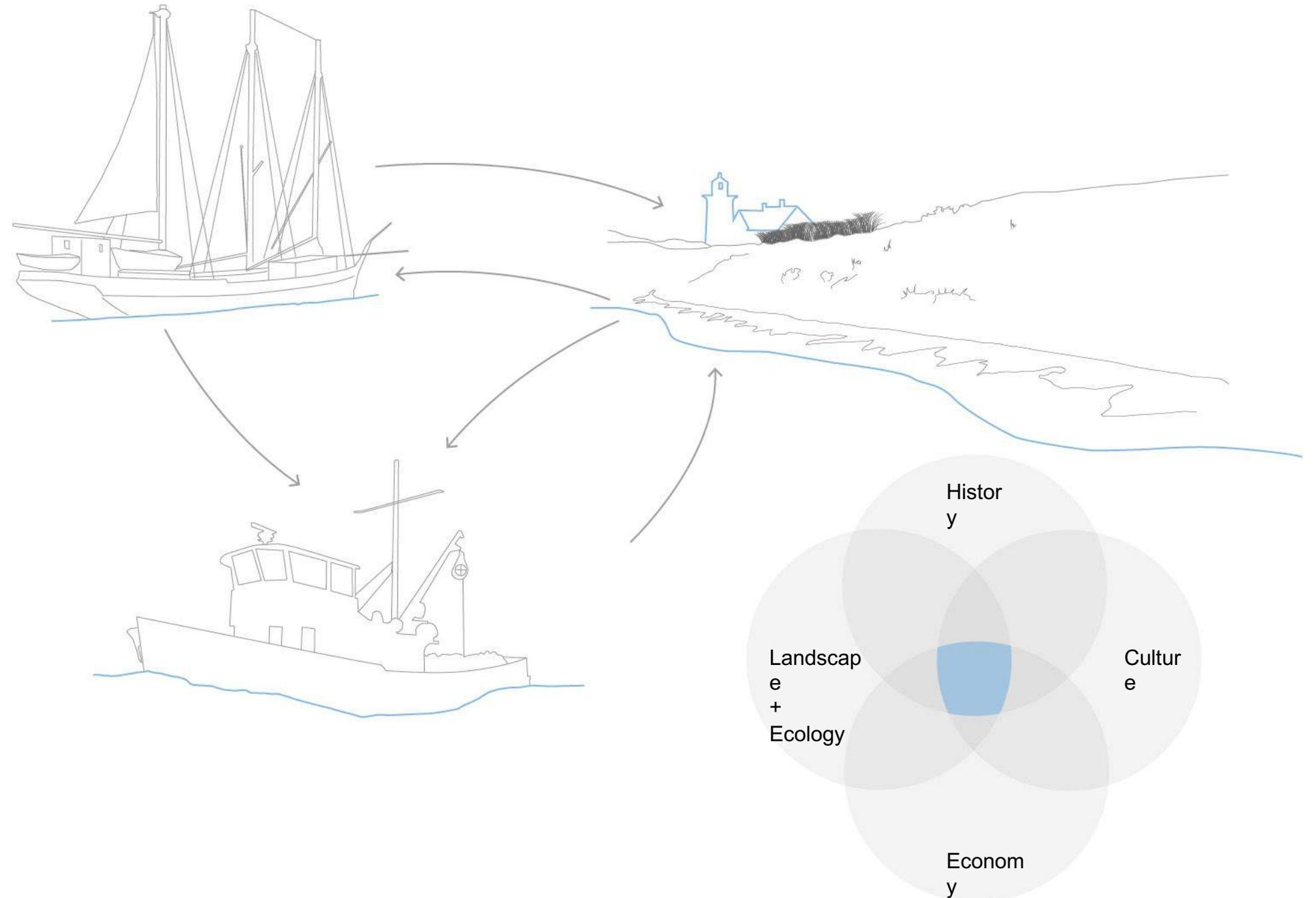
These signs mark examples of the Blue Economy in situ. Frequently paired with landscape interventions.

#### **Communication tools**

- Name/logo
- Story:
  - framed views (of blue economy elements)
  - text (captions, quotes, poems and/or brief stories)

# Landscape Approach Site Selection and Framing

The framing of the Expedition Blue! experience can be enhanced by highlighting landscapes that address their functionality as a method for highlight historical usage, modern commerce and economic functioning, and cultural values. This will provide opportunities to artistically highlight multiple features simultaneously that can be framed by the Expedition Blue! Installations.



# Precedents: Non-Traditional Landscape Elements

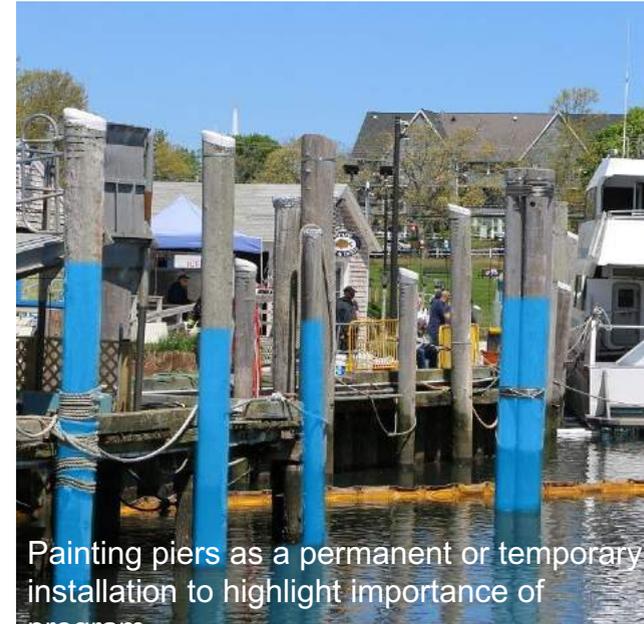


## Paint:

Paint is a versatile and inexpensive way to express key moments within the landscape. Paint can be used to highlight an artifact, guide visitors along a historic path, and illuminate the landscape. Trees and piers can be painted as a gesture of historic impacts within the evolution of the Blue Economy. Maintenance would be required due to the lack of durability in paint.



Painting an artifact to highlight its significance to the particular area



Painting piers as a permanent or temporary installation to highlight importance of program



Painting trees to allow for seasonal variation in appearance



Painting a historic shoreline, waypoint, or boundary

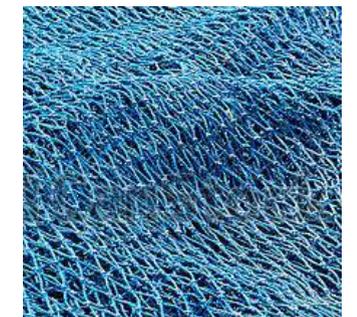
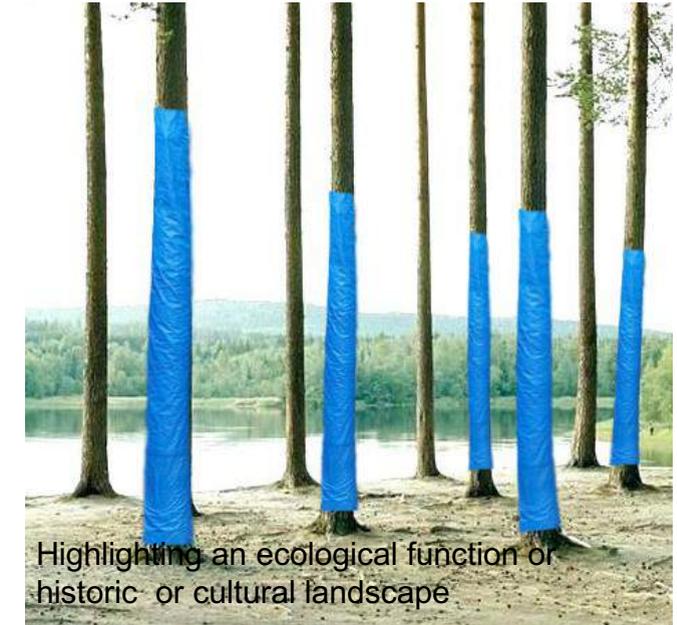


Painting piers or ruins as an installation

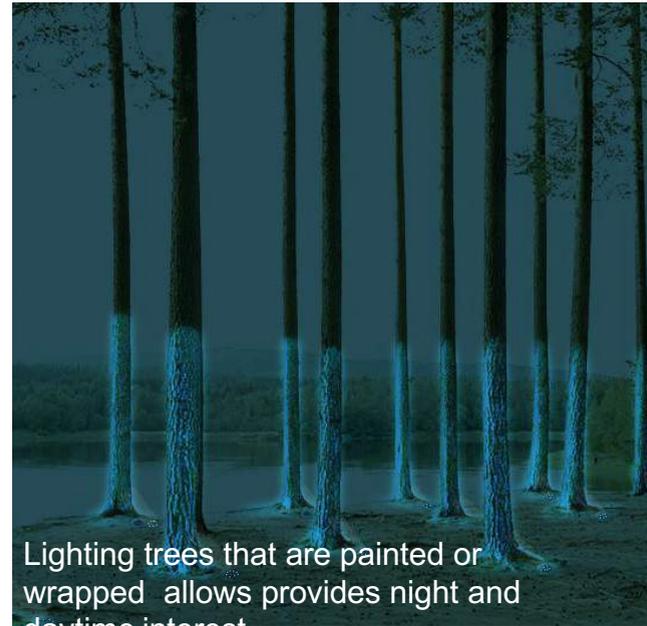
# Precedents: Non-Traditional Landscape Elements

## Wrap:

Wrapping can be done in a multitude of ways, including using tarpaulin, cordage, and webbed nets. The ability for these materials to have structure and malleability makes them very versatile for use as a part of these installations. Netting can be used to visualize physical elements with the landscape, cordage can wrap around objects as well as connect them to others, and tarpaulin is a durable, waterproof material which can wrap around objects of significance.



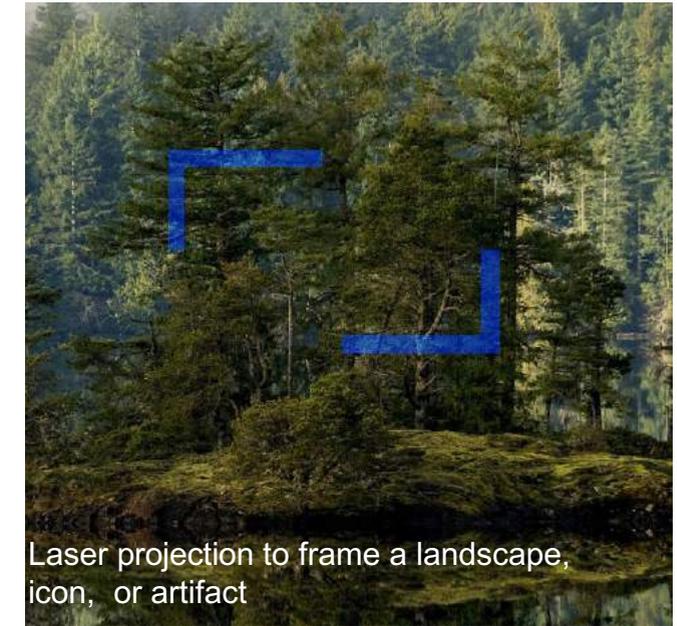
# Precedents: Non-Traditional Landscape Elements



Lighting trees that are painted or wrapped allows provides night and daytime interest



Illuminated acrylic poles in the field marks a boundary



Laser projection to frame a landscape, icon, or artifact

## Light:

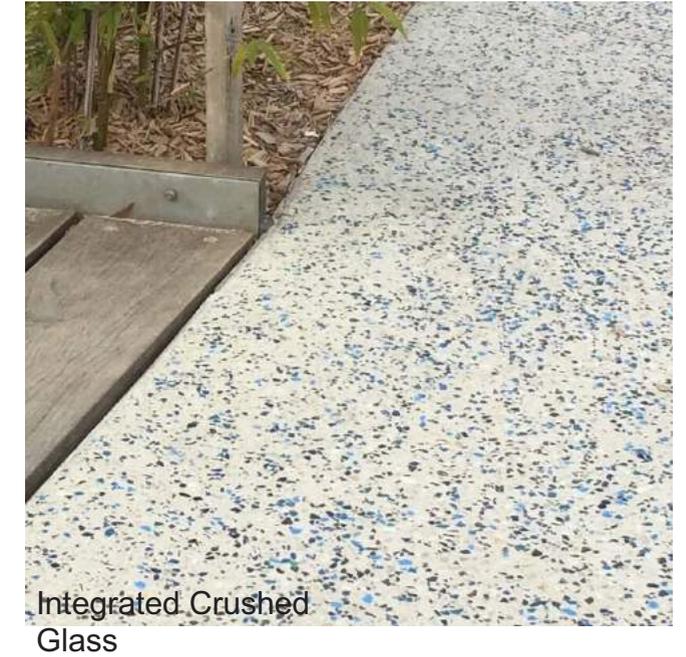
Solar-powered lights and select lasers are an inexpensive way of illuminating objects and places. Strategically placed, lighting can bring exposure to many objects with very few fixtures. Projections can promote Expedition Blue branding and awareness and illuminate paths or functions.



Laser projection to highlight a path

# Precedents: Pathways and Ramps

Integration of the Expedition Blue! concept can be carried through into the pathways and ramps leading to either the framing installations or the objects framed themselves. Various materials allow for distinct design and accessibility options, allowing the design to respond to the unique site conditions.



# Precedents: Bicycle Racks

Fixtures such as bicycles racks provide opportunity to carry the iconic Expedition Blue! concept through out the design between its locations. Docking areas can be colored blue to provide travelers the knowledge that a viewing installation is only a short walk away.



# Walkthrough



# Walkthrough



# Walkthrough



# Walkthrough



# Walkthrough



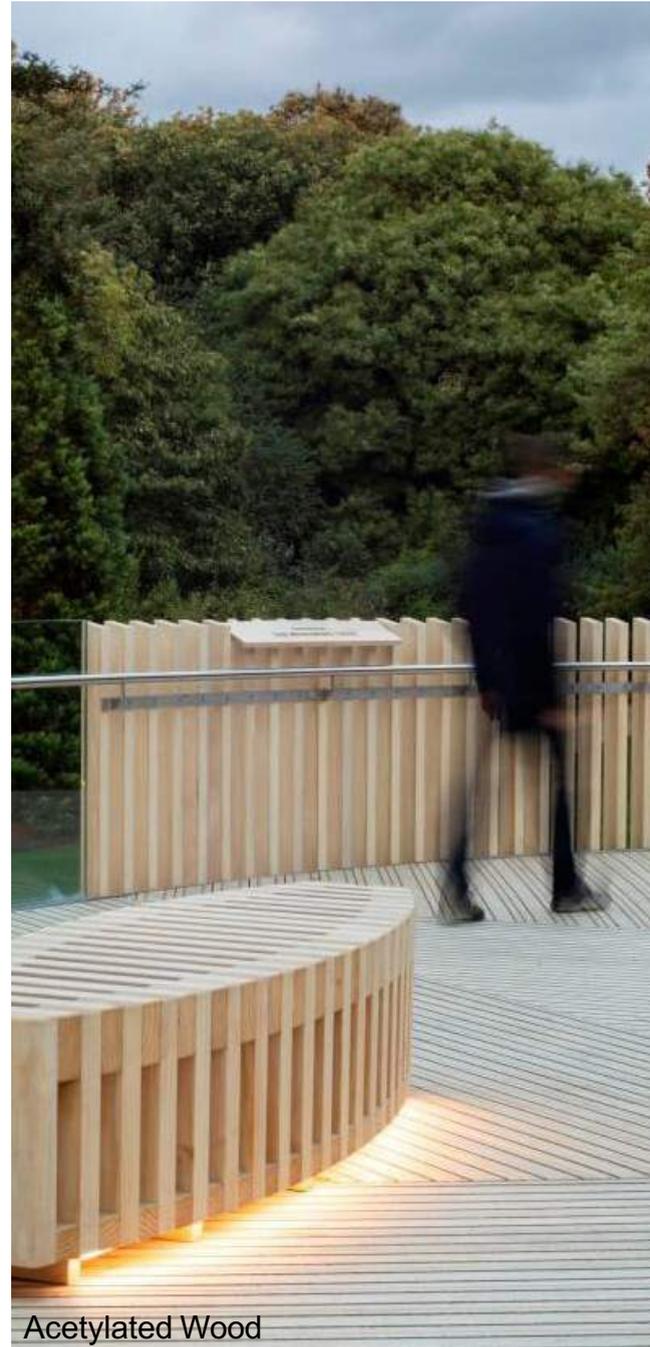
# Walkthrough



# Durable & Natural Materials for modular components



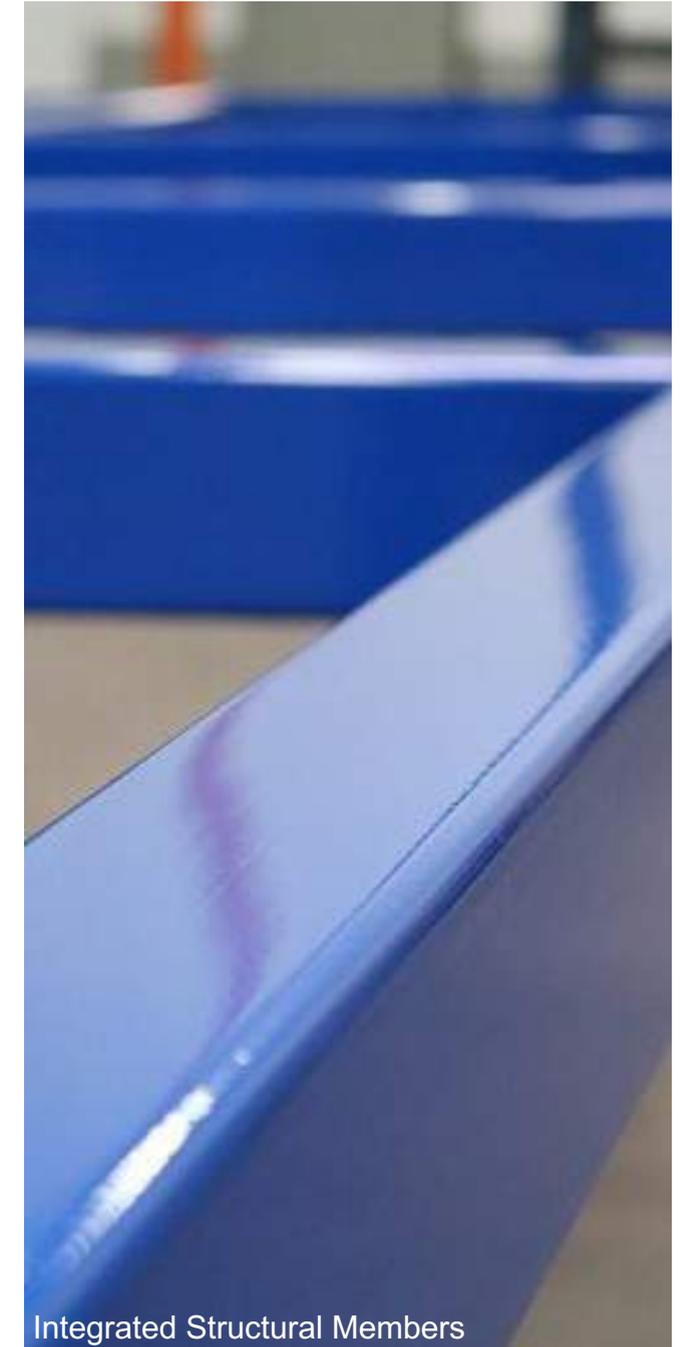
Thermally Modified



Acetylated Wood



Helical



Integrated Structural Members

“The Cape Cod Blue Economy is on the rise.  
...though this economy is already hard at work,  
**identifying what it is has never happened.**  
As a result, the latent power of the Blue Economy  
is large and will only be successful at linking a  
healthy environment with a healthy economy by  
**making it known explicitly to the general  
public, partner organizations and current  
and future contributors.**”

Excerpt from the Cape Cod Blue Economy Project Implementation Plan, 01-22-19

## **Goal**

To showcase and engage the public with the local Blue Economy to build awareness, understanding and pride.

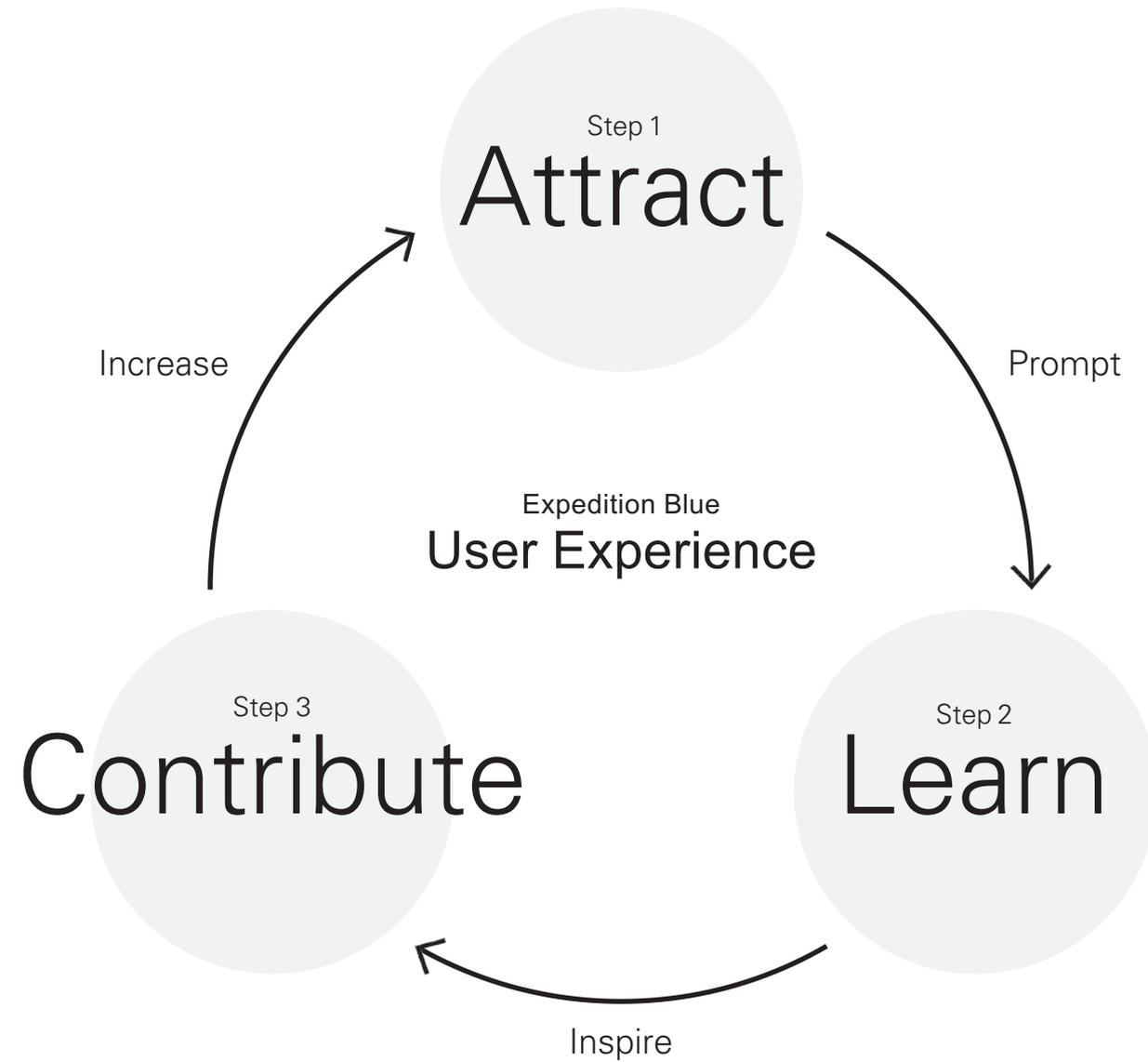
## **Problem**

The public doesn't know about the Blue Economy. or what it is.

## **Target Audience**

The general public, including educators, outside visitors and locals to the Cape Cod region.

# Expedition Blue **Experience**



Attract

**Build awareness and interest**

Learn

**Invite people to engage**

Contribute

**Enable action and pride**

**Thank You!**