

Francis Street Beach Improvement Project

WASHINGTON STREET WORKING GROUP

August 23, 2024



WOODS HOLE
GROUP
A CCL COMPANY



SCAPE



REMAIN

TODAY

- **Community Engagement Synthesis**
 - + **Abutters Focus Group Meeting (7/29)**
 - + **Downtown Resilience Open House (8/7)**
- **Francis Street Beach Project Kickoff**
 - + **Introductions**
 - + **Scope Review**
 - + **Heart and Heartburn Exercise**
 - + **Upcoming Community Events**

COMMUNITY ENGAGEMENT SYNTHESIS

SUMMER ENGAGEMENT EVENTS

7/29 Abutters Meeting



APPROXIMATELY
15 ATTENDEES

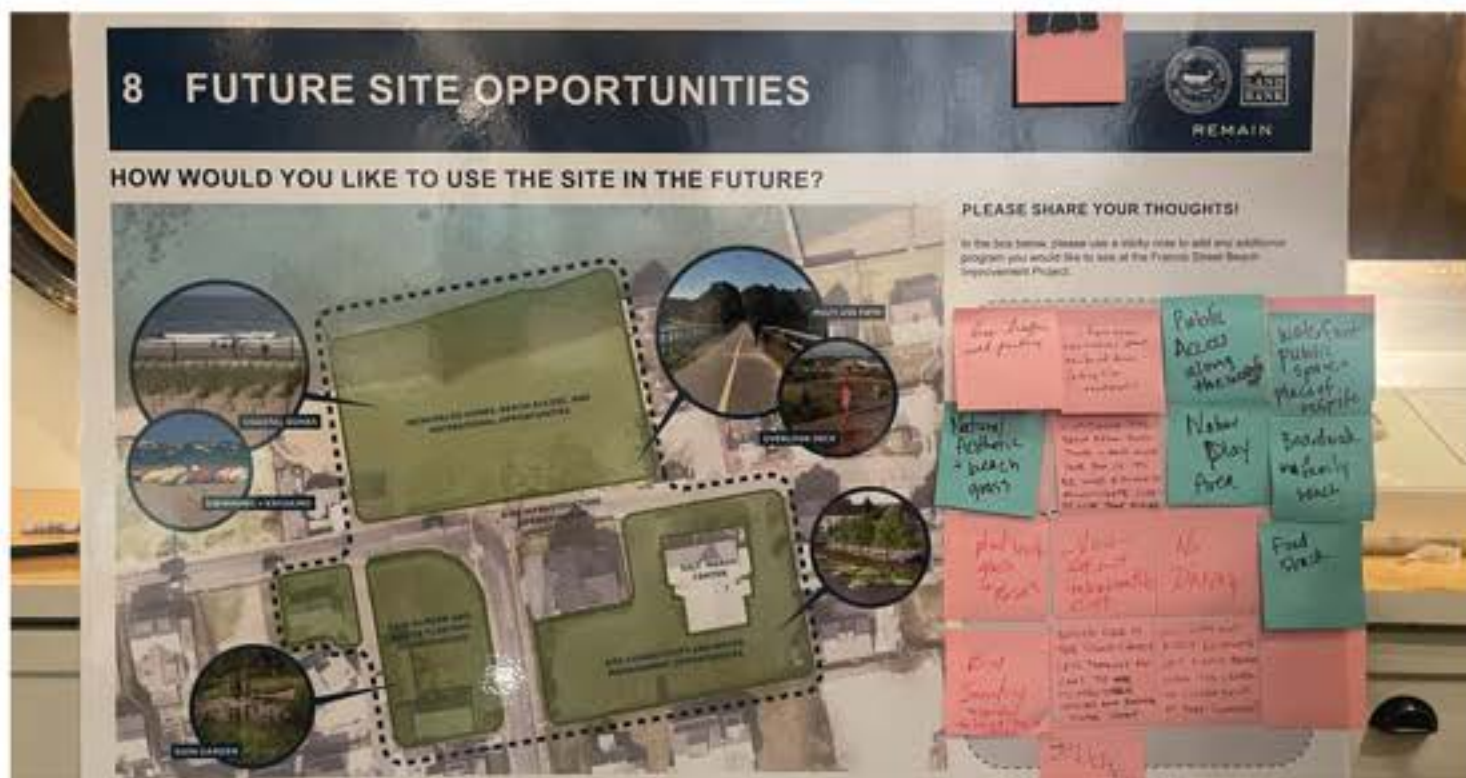
8/7 Downtown Resilience Open House



APPROXIMATELY
110 ATTENDEES

DOWNTOWN RESILIENCE OPEN HOUSE

INTERACTIVE STATIONS AND BOARDS



HOW DO YOU USE THE SITE AT FRANCIS STREET BEACH TODAY?

PIN ACTIVITY



PIN RESPONSES

PLACE A PIN!

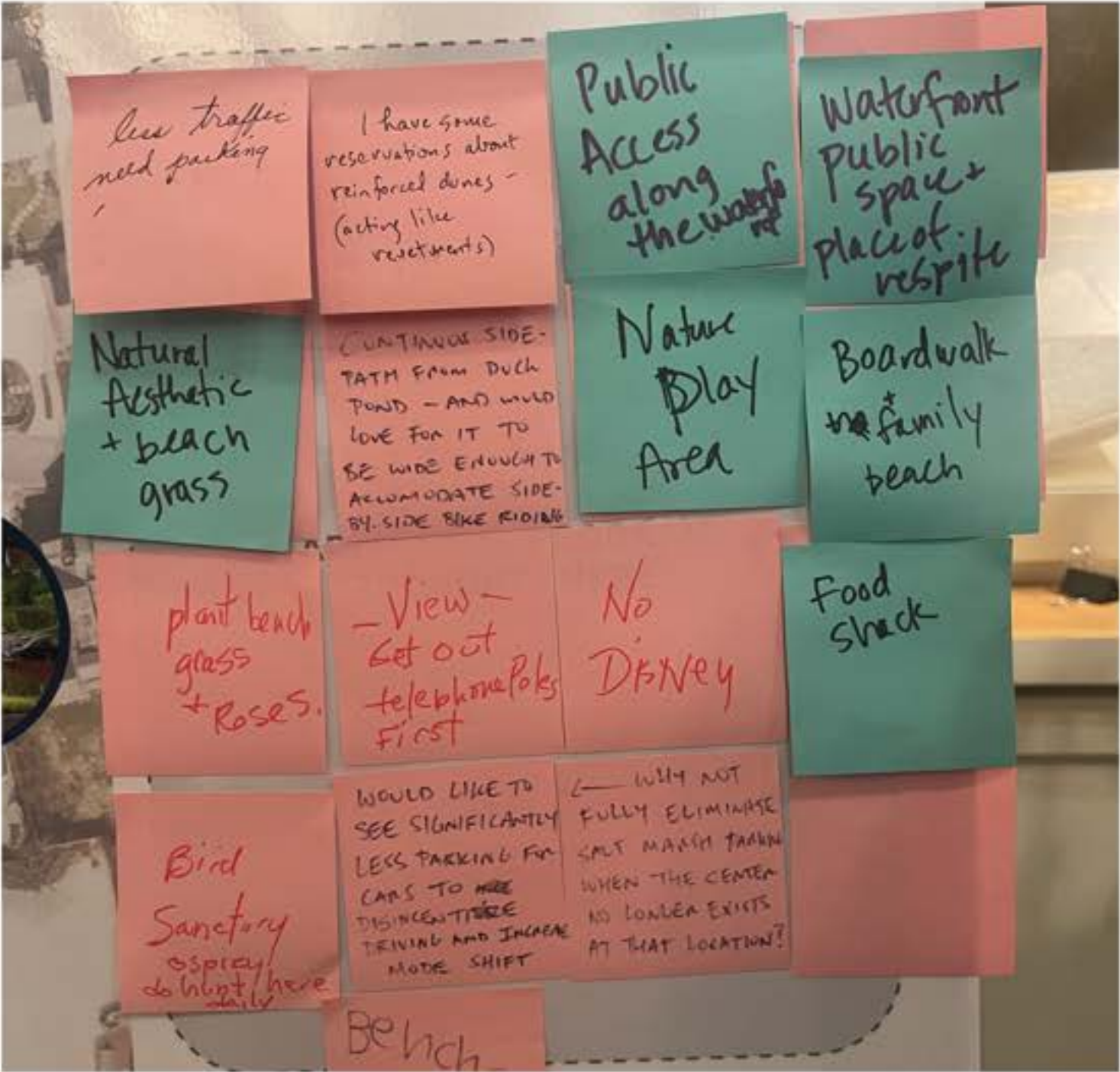
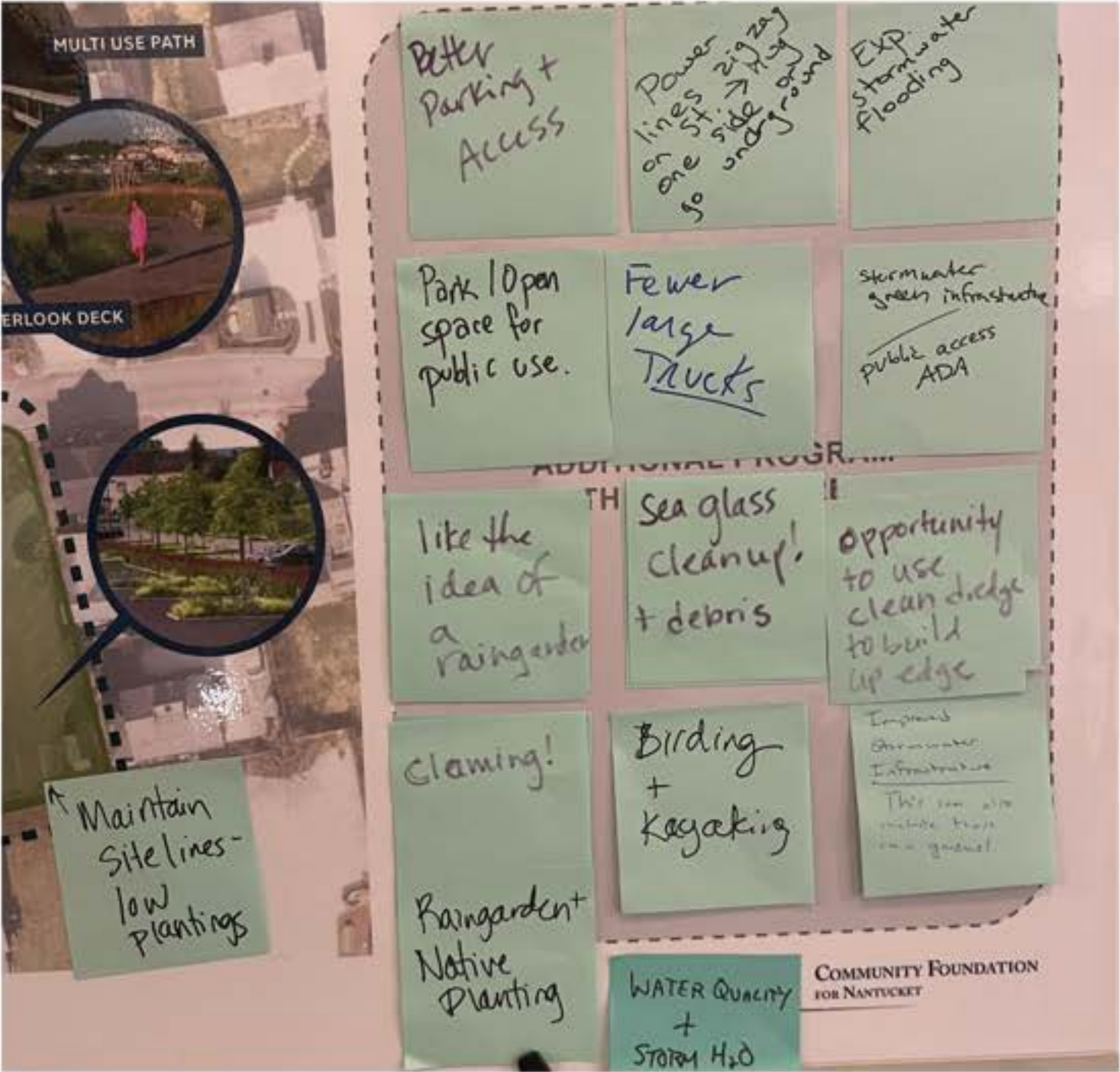
Each color pin represents a different program activity. If you use the site in any of the ways listed below, please place your pin on the existing conditions map!

 BEACH RECREATION	 WALK
 KAYAK	 DRIVE
 RIDE BICYCLE	 PARK CAR
 PUBLIC TRANSIT	 SALT MARSH CENTER

Beach Recreation: 3 Pins	Walk: 4 Pins
Kayak: 6 Pins	Drive: 4 Pins
Ride Bicycle: 4 Pins	Park Car: 2 Pins
Public Transit: 0 Pins	Salt Marsh Center: 2 Pins

HOW WOULD YOU LIKE TO USE THE SITE IN THE FUTURE?

STICKY NOTE RESPONSES



SITE OPPORTUNITIES VISUAL PREFERENCE

9

FUTURE SITE OPPORTUNITIES

FROM THE IMAGES BELOW, WHICH RESONATE WITH YOU THE MOST?
USE THE GREEN (LIKE), RED (DON'T LIKE), AND YELLOW (NO OPINION) STICKERS TO SHARE HOW YOU FEEL!



REMAIN

RECREATION



KAYAKING



SUNBATHING



PICNIC AREA

ECOLOGY



REINFORCED COASTAL DUNES



RAIN GARDENS



NATIVE PLANTINGS

ACCESS



OVERLOOK DECKS



MULTI USE PATH



ADA CONNECTIONS

SCAPE

WOODS HOLE GROUP



COMMUNITY FOUNDATION
FOR NANTUCKET

PROJECT KICK-OFF

PROJECT TEAM



TOWN OF NANTUCKET

Tighe&Bond

Cole Bateman

SCAPE

Laura Marett

Hazen

Daniel Kramer

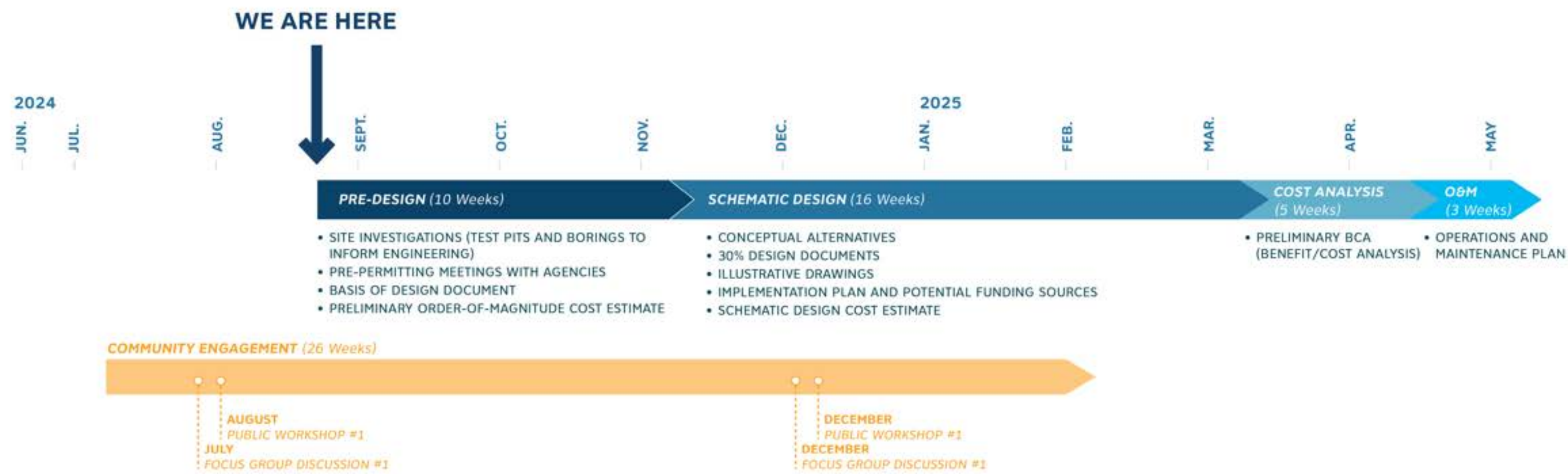


Joe Famley

IEc

add

TIMELINE + SCOPED PROJECT TASKS



TASK 1: PRE- DESIGN

TASK LEAD: Hazen and Sawyer + Woods Hole Group
TASK LENGTH: 10 Weeks

- Site investigations (test pits and borings to inform engineering)
- Pre-permitting meetings with agencies
- Basis of design document
- Preliminary order-of-magnitude cost estimate

SCAPE LANDSCAPE ARCHITECTURE DPC
277 BROADWAY NINTH FLOOR NEW YORK NY 10007
T 212 462 2628 SCAPESTUDIO.COM

MEMO

Date: August 11, 2023
From: SCAPE Landscape Architecture, DPC.
To: Nantucket Islands Land Bank
Re: The Creeks Overlook (16/19 East Creek): Basis of Design Document

Version	Date	Notes
1	05/19/2023	Developed as a draft for the Pre-Design Phase
2	08/11/2023	Developed for 100% Schematic Design, Deliverable

This document contains a summary of the most current project assumptions, standards, and data sets being used as the basis of design for The Creeks Overlook (16/19 East Creek Road). This document is not intended to articulate design goals for the project, but rather define existing conditions, contextual data and analysis, and agency design standard documents that informed Schematic Design of The Creeks Overlook. This is a living document to help in coordination among the project team, the client team, and other project stakeholders. As the project advances into future phases of design, the Basis of Design document will also be updated.

The document is also intended to help identify additional data collection required for the project. Any data not included that is critical to the project should be identified and, if possible, provided to the project team.

Topographic (on-land) surveys have been submitted to the project team by Nantucket Surveyors, LLC. A bathymetric (in-water) survey around the dock area have been completed by Coastal Engineering Company.

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The Creeks Overlook, Nantucket Land Bank

April 12, 2023



Photo 1 - Overall view of Test Pit 1



Photo 2 - Visible Soil Layers in Test Pit 1



Photo 3 - Close up of Test Pit 1



Photo 4 - Overall view of Test Pit 2



Photo 5 - Close up of Test Pit 2



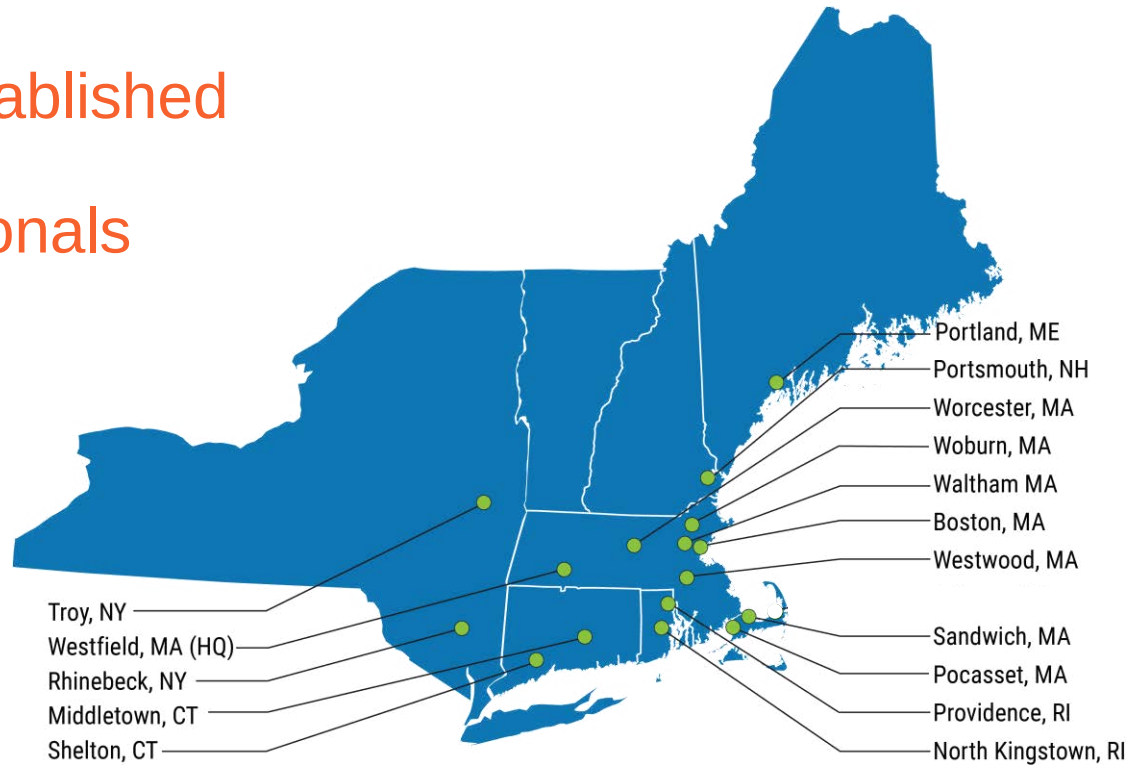
Photo 6 - Overall view of Test Pit 3



Tighe&Bond

ABOUT TIGHE & BOND

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- **550+** Professionals
- **16 Offices**
in the Northeast



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- Demolition & Asbestos/ Hazardous Materials
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- Fuel Storage
- Health & Safety
- Regulatory Compliance
- Site Assessment & Remediation
- Wetlands and Ecological Services



Environmental Engineering

- Drinking Water
- Solid Waste
- Stormwater
- Wastewater



Building Services

- Geotechnical Engineering
- Electrical & Mechanical Engineering
- LEED Green Design
- Owner's Project Manager
- Structural Engineering



Technology

- 3D Modeling
- GIS

Sustainability

- Energy & Resource Conservation
- LEED Green Design
- Low Impact Design
- Renewable Energy

TIGHE & BOND SCOPE OF WORK

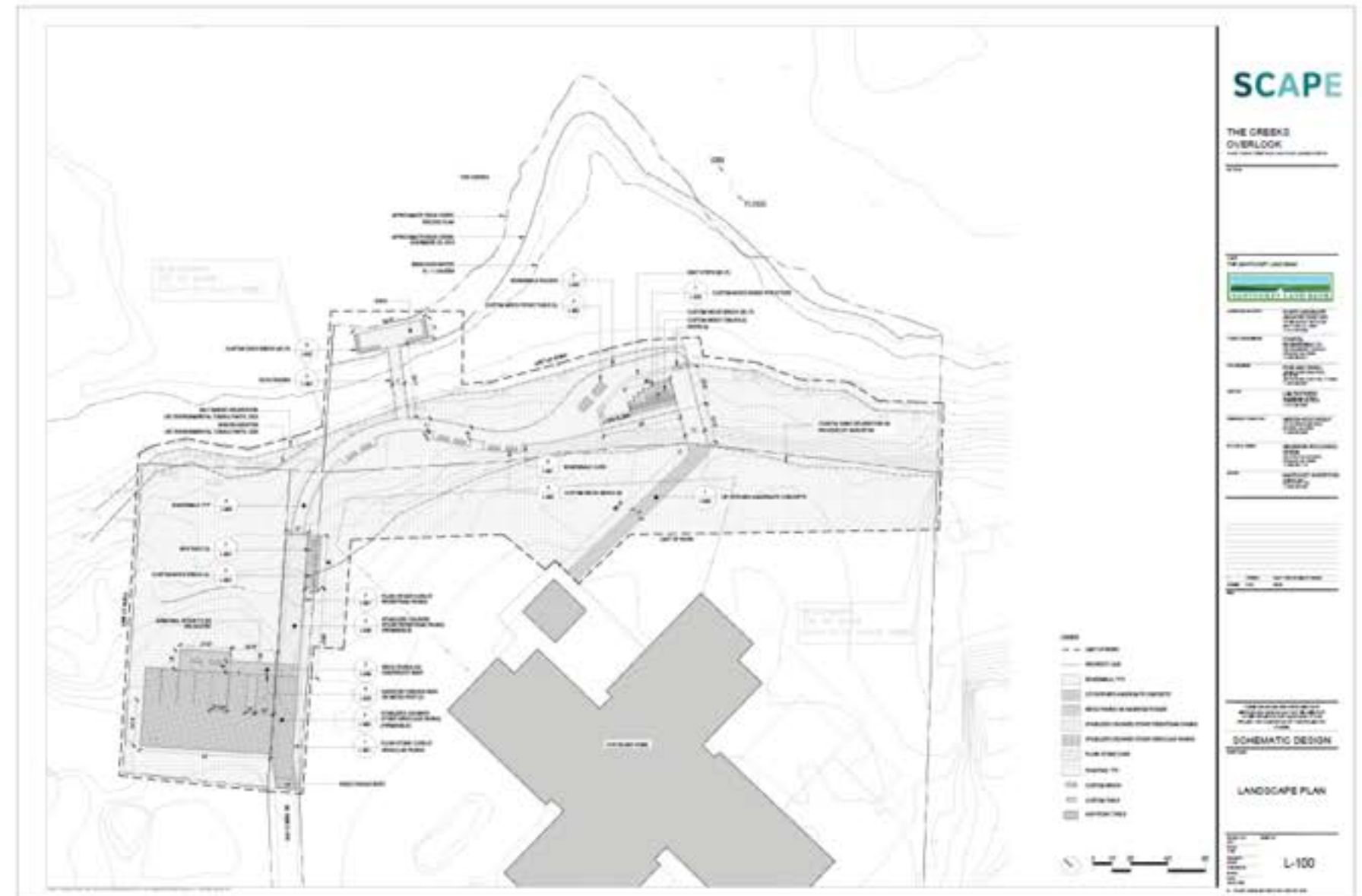
- Lead site investigation components, including borings, test pits, and groundwater monitoring well
- Limited Geotechnical Memorandum
- Facilitate discussions with Regulatory Review Agencies
- Waterfront engineering of resilient walkway and coastal engineered structures

TASK 2: SCHEMATIC DESIGN

TASK LEAD: SCAPE

TASK LENGTH: 16 Weeks

- Conceptual alternatives
- 30% Design documents
- Illustrative drawings
- Implementation plan and potential funding sources
- Schematic design cost estimate



TASK 3: BENEFIT COST ANALYSIS

TASK LEAD: IEC + Woods Hole Group

TASK LENGTH: 5 Weeks

- Preliminary BCA (benefit/cost analysis)
- Documented application of the FEMA Benefit-Cost Calculator for the project
- Documentation of the benefits of the pilot project for economic benefit streams not reflected in the FEMA

TASK 4: OPERATIONS AND MAINTENANCE REQUIREMENTS AND ESTIMATES

TASK LEAD: Hazen and Sawyer

TASK LENGTH: 3 Weeks

- Operations and maintenance plan
- Technical memorandum and estimate documenting the frequency and cost of operation and maintenance (O&M) activities associated with the proposed project.

TASK 5: COMMUNITY ENGAGEMENT

TASK LEAD: SCAPE

TASK LENGTH: 26 Weeks

- Two stakeholder focus group meetings
- Two community meetings
- One stakeholder engagement planning session with the client group



HEART AND HEARTBURN EXERCISE

NEXT COMMUNITY ENGAGEMENT EVENT

NEXT STEPS

