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Education		Awards & Scholarships	
2023–2026e	Rhode Island School of Design (RISD) Master of Landscape Architecture I Providence, RI	2026	RIASLA Design Awards , “Planning & Analysis” Category Merit Award
2017–2021	McGill University Bachelor of Commerce, Major in Managing for Sustainability Montréal, QC	2025	Helen Hackney McColl Scholarship , RISD Landscape Architecture Department
		2024	RISD Graduate Commons Grant , RISD Graduate Studies Department
		2023	RISD Full-Tuition Scholarship
Academic Experience		Publications	
4/2025–present	Practice ^(zine) , RISD Landscape Architecture Founding Editor-Designer Providence, RI	2025	“A Sweater” in <i>Fugue Journal</i> (2024 Prose Contest Winner, \$1,000 prize)
		2024	“God at Work” in volume_1 journal (Fall 2024)
01/2024–present	RISD Landscape Architecture Department Teaching Assistant: LDAR2256 Design Foundations/Field Ecology, LDAR2217 Research Methods for Design, LDAR2201 Design Principles, LDAR226G Research, Theory, Design	Qualifications	Rhino Adobe Illustrator Adobe Photoshop Adobe InDesign ArcGIS Mastercam AutoCAD (in progress)
01/2024–present	Co-Works , RISD Graduate Instructor Providence, RI	Equipment	CNC milling (EPS Foam, MDF) 3D printing (Formlabs Form 3+ & 3L) UV printing Laser cutting
Work Experience		Personal	
3/2022–5/2023	Steven Holl Architects Business Development & Marketing Consultant New York, NY		Special Delivery (Substack newsletter) Film photography (a selection) Creative nonfiction (a selection)
8/2021–3/2022	Studio GAIA Copywriter & Graphics Consultant Remote (New York, NY)	Languages	English (native) Arabic (native, but needs work) French (basic, but also needs work)

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Asbestos, QC Val-des-Sources, QC

Title

**Asbestos, QC Val-des-Sources, QC:
The Histories, Geographies, and Social Narratives
of Post-Mining Landscapes**

Professor

Tiago Torres-Campos

Course

Independent Study Project (ISP)

Statement

Once a ubiquitous material and celebrated as a “critical mineral” much like today’s cobalt and nickel, asbestos is now known primarily as a Category 1 carcinogen. Its global ban has made disposal a major priority—but the **landscapes of extraction remain**. In Canada’s asbestos belt, which once supplied more than 80% of the world’s asbestos, open-pit mines sit abandoned, their long-term environmental and health impacts still uncertain for the remnant towns that surround them.

This thesis examines these post-industrial, post-mining landscapes, specifically those shaped by the extraction of toxic materials. **Amidst layers of historical, archival, social, and ecological complexity, what design strategies can be developed to address the legacies of asbestos extraction and imagine new futures for these unique terrains?**



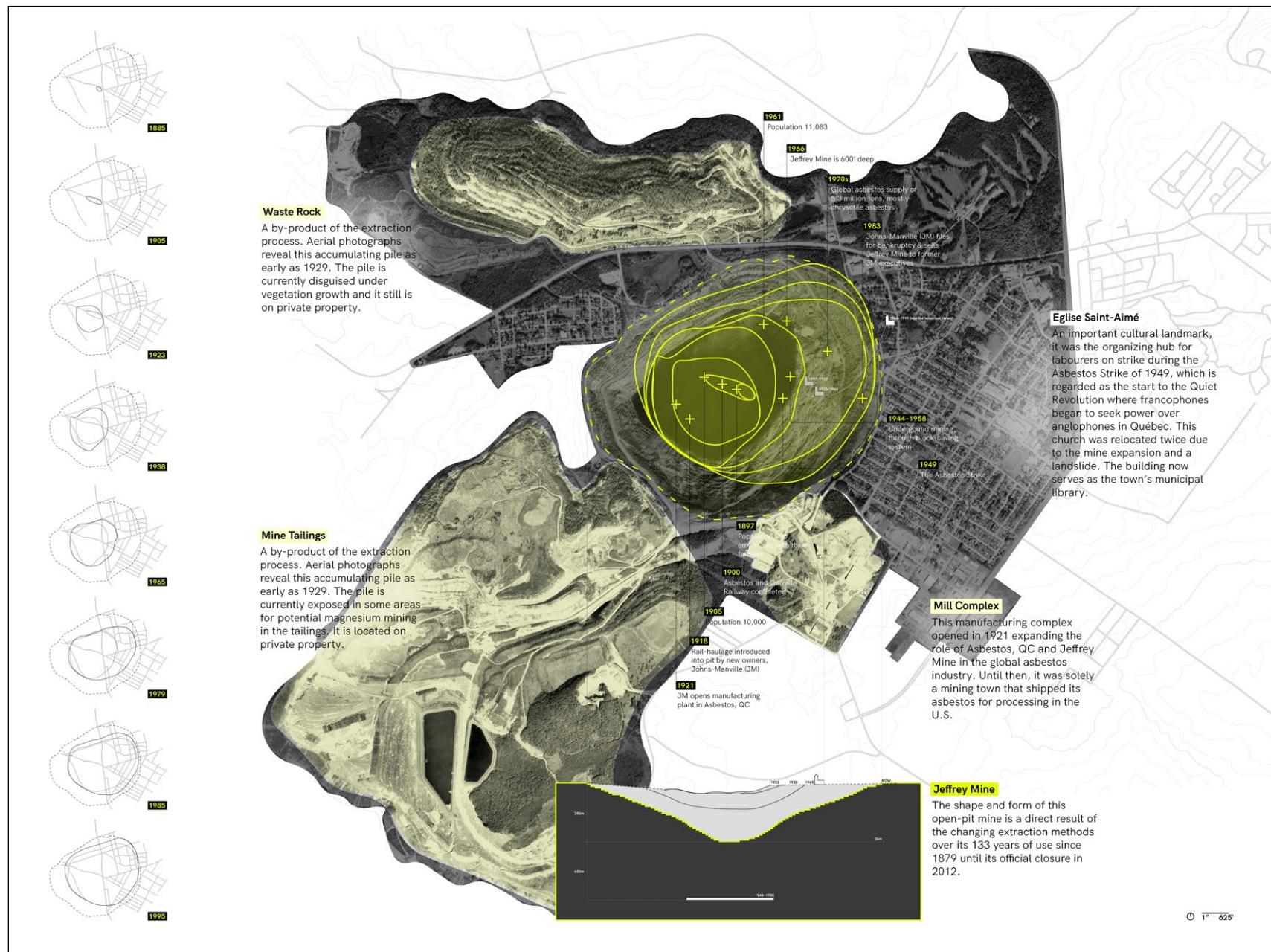
**Asbestos, QC Val-des-Sources, QC:
The Histories, Geographies, and Social
Narratives of Post-Mining Landscapes**

Rasha Lama

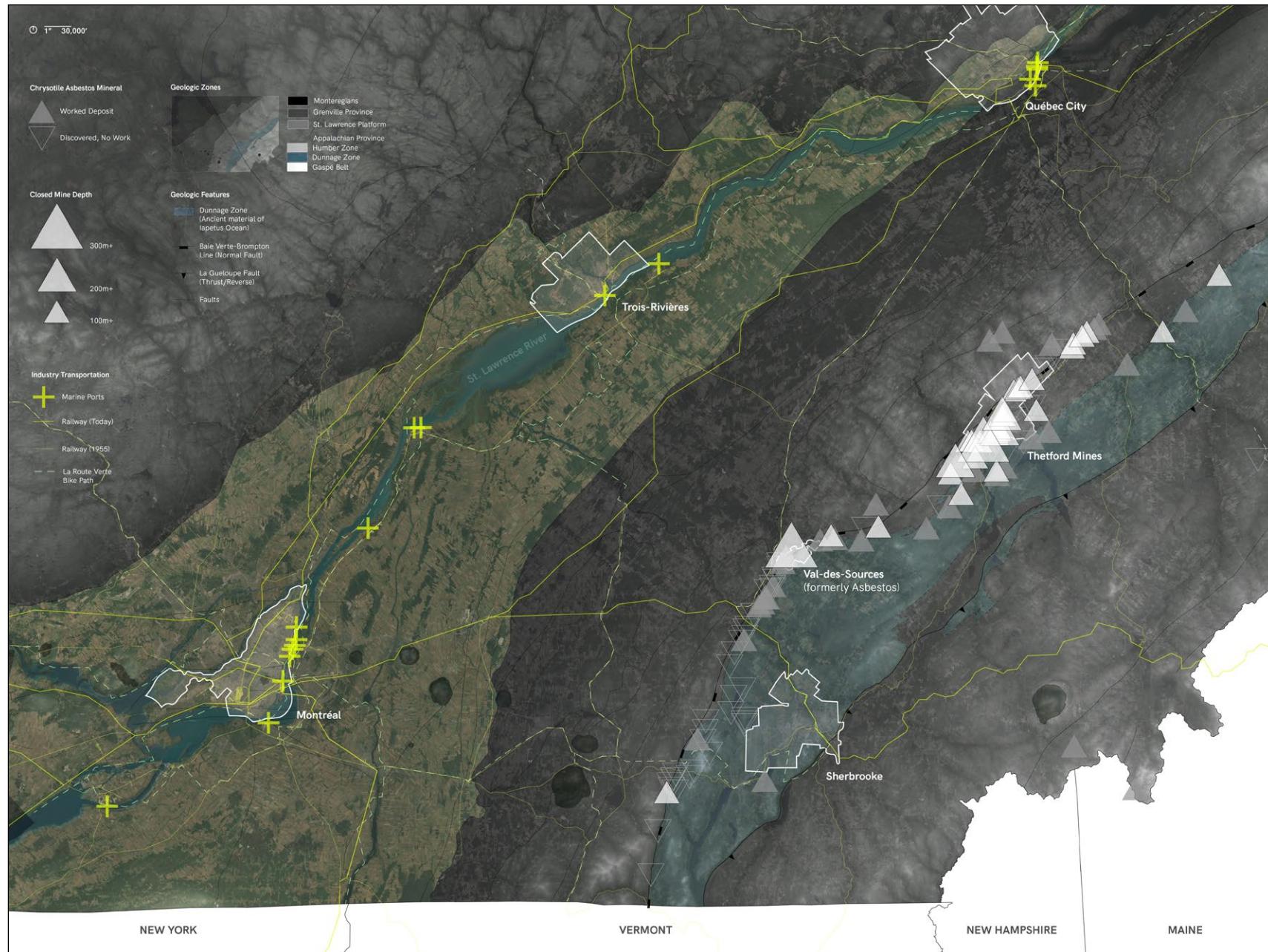
Independent Study Project
Prof. Tiago Torres-Campos
RISD Landscape Architecture
Fall 2025

Research Publication. Fifty-two-paged research document including writing, drawings, photographs, and archival material.

Asbestos, QC Val-des-Sources, QC

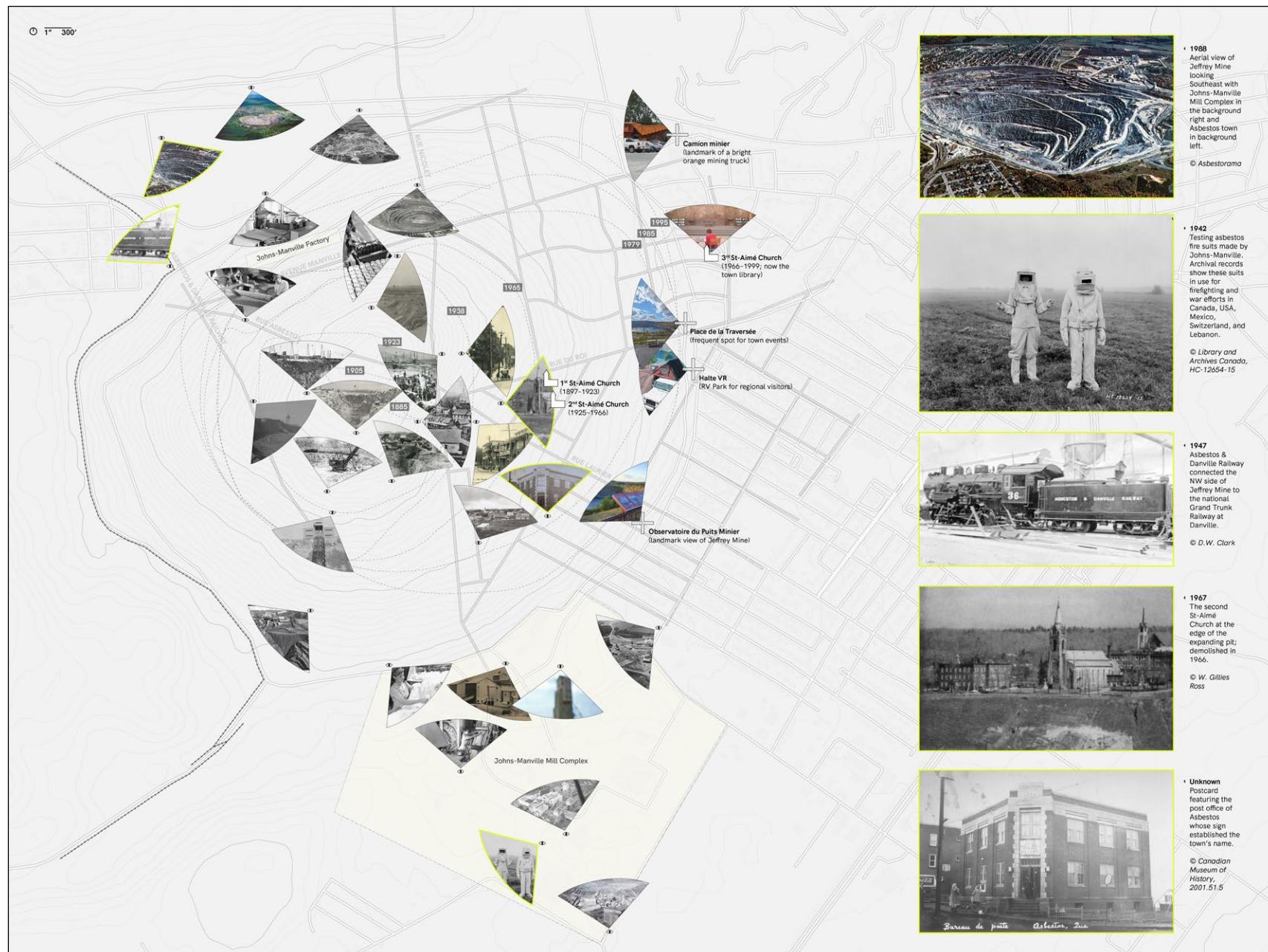


Composite Drawing #1. Historical timeline through the Jeffrey Mine's expansion alongside the current landscape's spatial mining evidence.



Composite Drawing #2. Regional geology, transportation infrastructure, and asbestos mining industry.

Asbestos, QC Val-des-Sources, QC



Composite Drawing #3. Mapping social narratives of Asbestos/Val-des-Sources through archival imagery, Google Maps, and current landmarks.

Independent Study Project (52 pages)

This research document is a 52-page publication that includes writing, drawings, photographs, and archival material. It is organized into several sections, each containing a mix of text, images, and maps. The sections include:

- Section 1: Introduction** (Pages 1-5)
- Section 2: History and Geology** (Pages 6-15)
- Section 3: Mining Operations** (Pages 16-25)
- Section 4: Environmental Impact** (Pages 26-35)
- Section 5: Social and Economic Impact** (Pages 36-45)
- Section 6: Future Outlook** (Pages 46-52)

Key features of the document include:

- Photographs:** Numerous black and white photographs showing historical and modern scenes of the mining site, equipment, and surrounding landscape.
- Archival Material:** Includes historical documents, maps, and diagrams from the 19th and 20th centuries.
- Diagrams:** Technical diagrams and maps illustrating geological structures, mining processes, and industrial facilities.
- Text:** Detailed descriptive text for each section, providing historical context and scientific analysis.
- Section 1: Introduction** (Pages 1-5)
 - Section 1.1: Project Overview**
 - Section 1.2: Research Objectives**
 - Section 1.3: Methodology**
 - Section 1.4: Timeline**
 - Section 1.5: Acknowledgments**
- Section 2: History and Geology** (Pages 6-15)
 - Section 2.1: Early Exploration and Discovery**
 - Section 2.2: Industrialization and Mining**
 - Section 2.3: Environmental Impact and Remediation**
 - Section 2.4: Social and Economic Impact**
 - Section 2.5: Future Outlook**
- Section 3: Mining Operations** (Pages 16-25)
 - Section 3.1: Mining Methods and Techniques**
 - Section 3.2: Safety and Health**
 - Section 3.3: Environmental Monitoring**
 - Section 3.4: Social and Economic Impact**
 - Section 3.5: Future Outlook**
- Section 4: Environmental Impact** (Pages 26-35)
 - Section 4.1: Air Quality**
 - Section 4.2: Water Pollution**
 - Section 4.3: Soil Contamination**
 - Section 4.4: Biodiversity Loss**
 - Section 4.5: Social and Economic Impact**
 - Section 4.6: Future Outlook**
- Section 5: Social and Economic Impact** (Pages 36-45)
 - Section 5.1: Employment and Income**
 - Section 5.2: Local Business and Trade**
 - Section 5.3: Infrastructure and Development**
 - Section 5.4: Social and Economic Impact**
 - Section 5.5: Future Outlook**
- Section 6: Future Outlook** (Pages 46-52)
 - Section 6.1: Sustainable Development**
 - Section 6.2: Technological Advancements**
 - Section 6.3: Policy and Regulation**
 - Section 6.4: Social and Economic Impact**
 - Section 6.5: Future Outlook**

Research Publication. Fifty-two-paged research document including writing, drawings, photographs, and archival material.

Manglares Rey

Title
Location

Manglares Rey
San Juan, Puerto Rico

Professors
Course

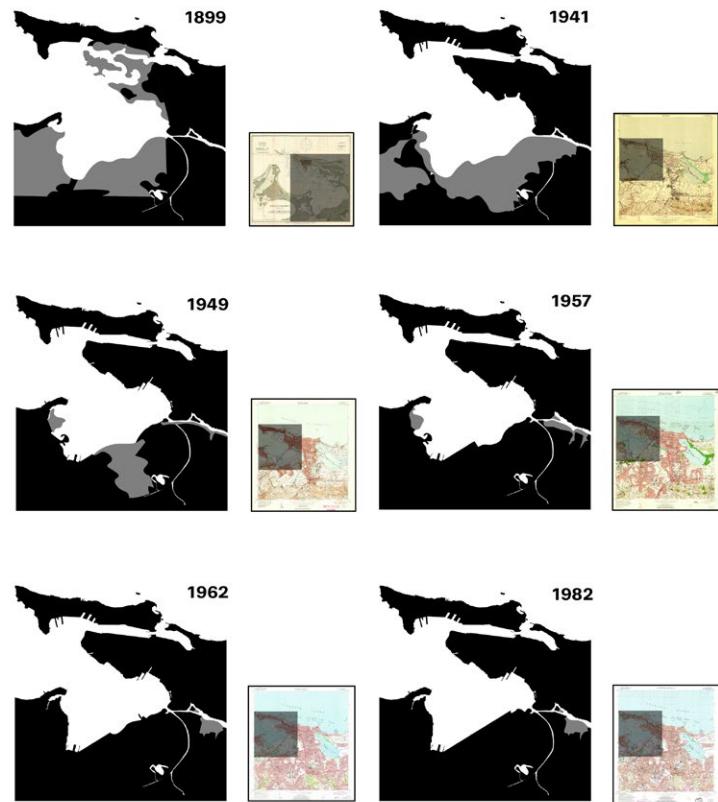
Emily Vogler & Manuel Cordero
LDAR 2205—Aqueous Terrain: Colonialism,
Sovereignty & Climate Justice in San Juan

Statement

Manglares Rey proposes a resilient greenway network that integrates public access, recreation, and leisure with stormwater management, mobility infrastructure, and environmental education within the Hato Rey region of San Juan, Puerto Rico. Building on existing systems, the project seeks to reinforce and reimagine them with a unified goal: to establish public, socio-ecological programs that foster a resilient and connected urban landscape in the Río Piedras watershed.

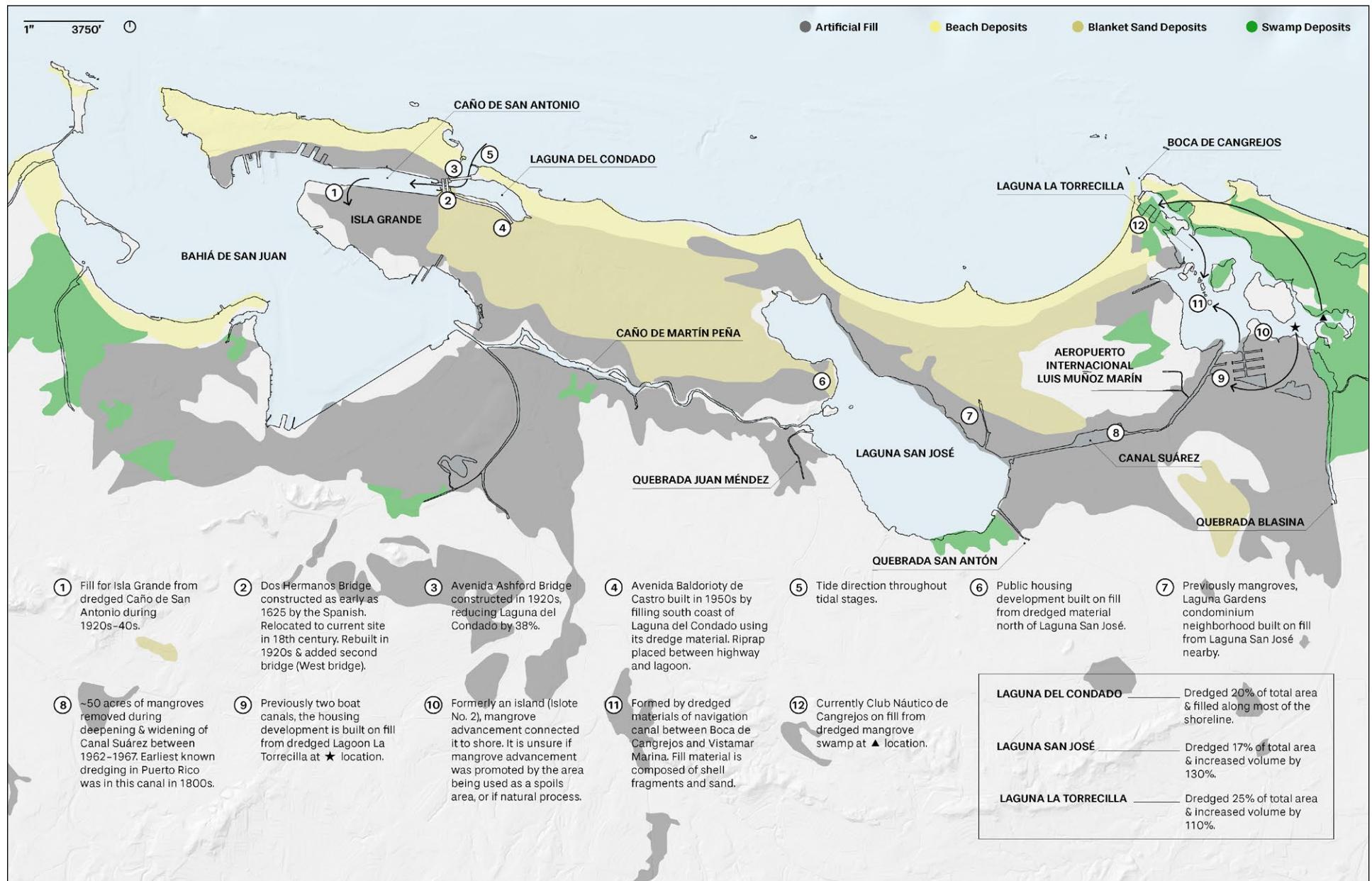
Awards

RIASLA Design Awards 2025: Merit Award under
“Planning & Analysis” Category



Mangroves disappearance in San Juan Bay since 1899. 75% of Puerto Rico's mangroves has been destroyed. 33% of the remaining mangroves exist in the San Juan Bay Estuary.

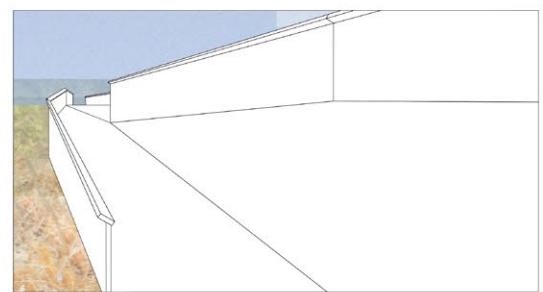
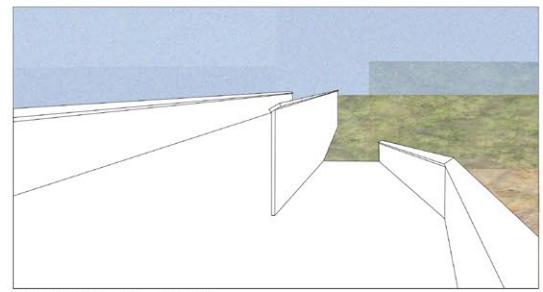
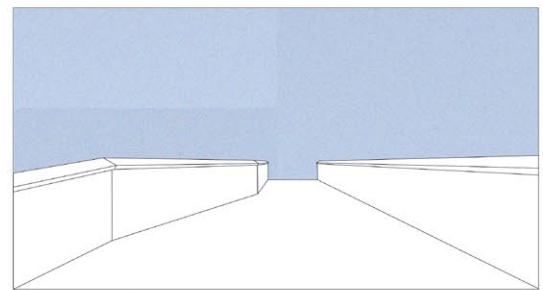




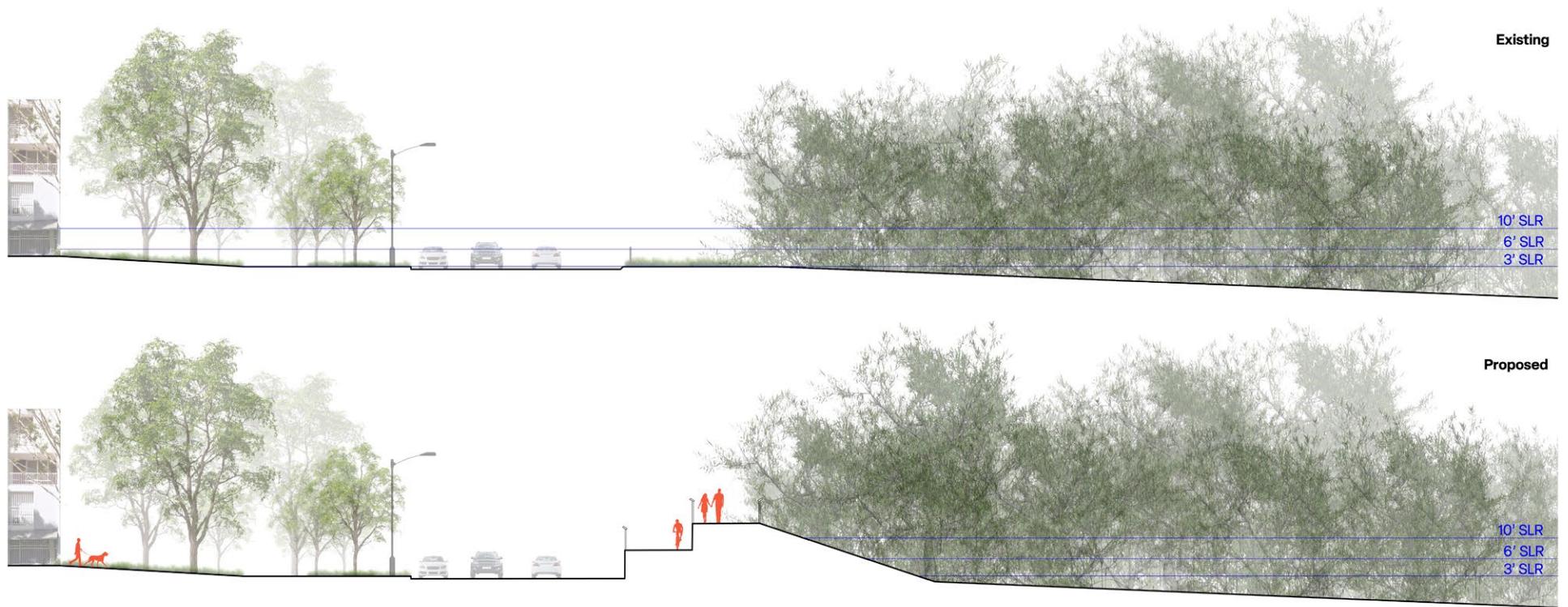
History of Fill & Dredge in San Juan's Lagoons. Mapping of historical sediment movements correlate with FEMA flood maps.

Manglares Rey

Manglares Rey
Perspective: Berm



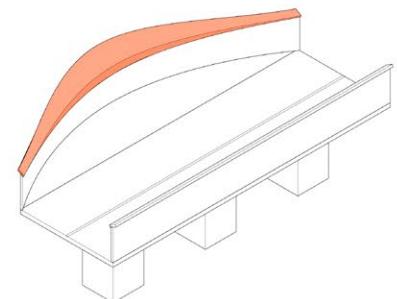
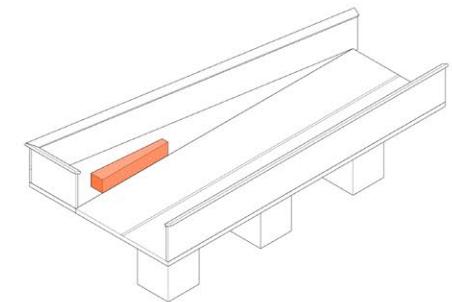
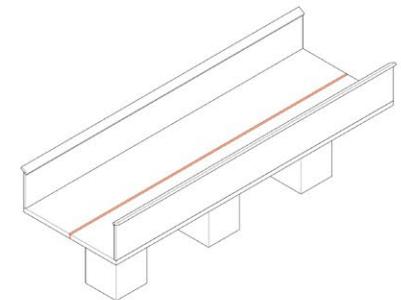
Berm Perspective. A neighbourhood access point to the berm connecting to the larger greenway loop.



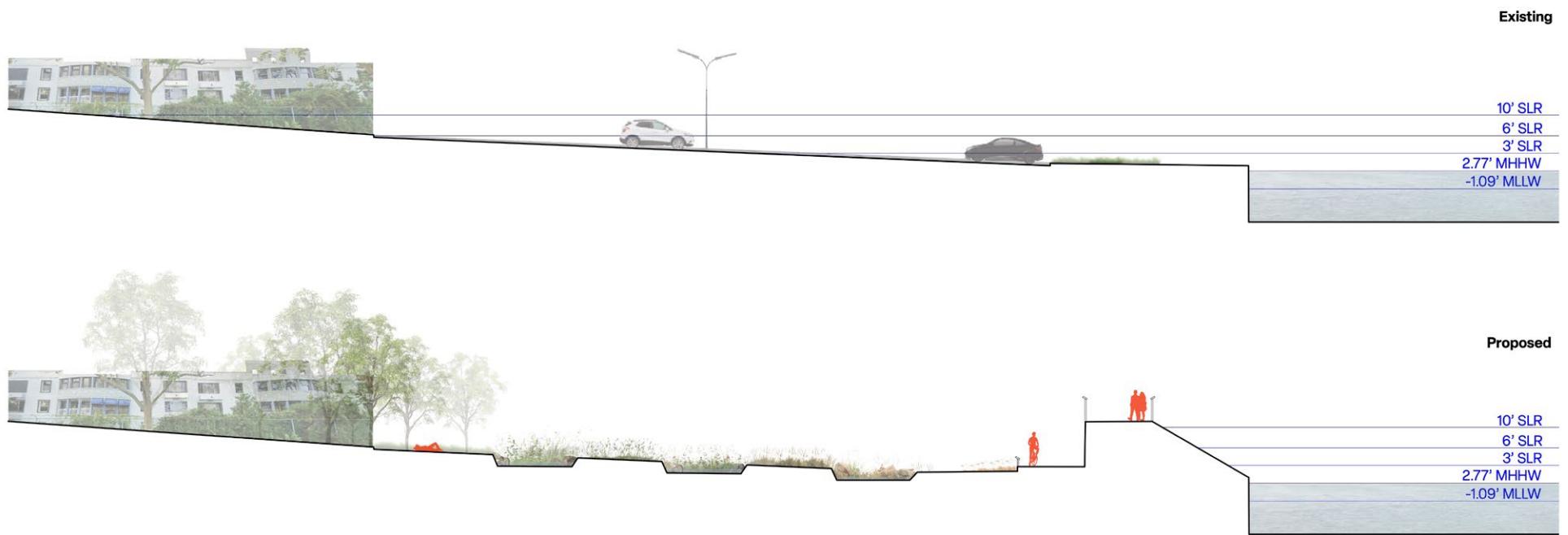
Section B. Extension of OLIN's flood barrier berms alongside the southern bank of Caño Martín Peña. This 3km berm system has multiple entry/exit ramps along its perimeter connecting pedestrians and bikers on the greenway loop with the local neighbourhoods nearby.

Manglares Rey

Manglares Rey
Perspective: Bridge

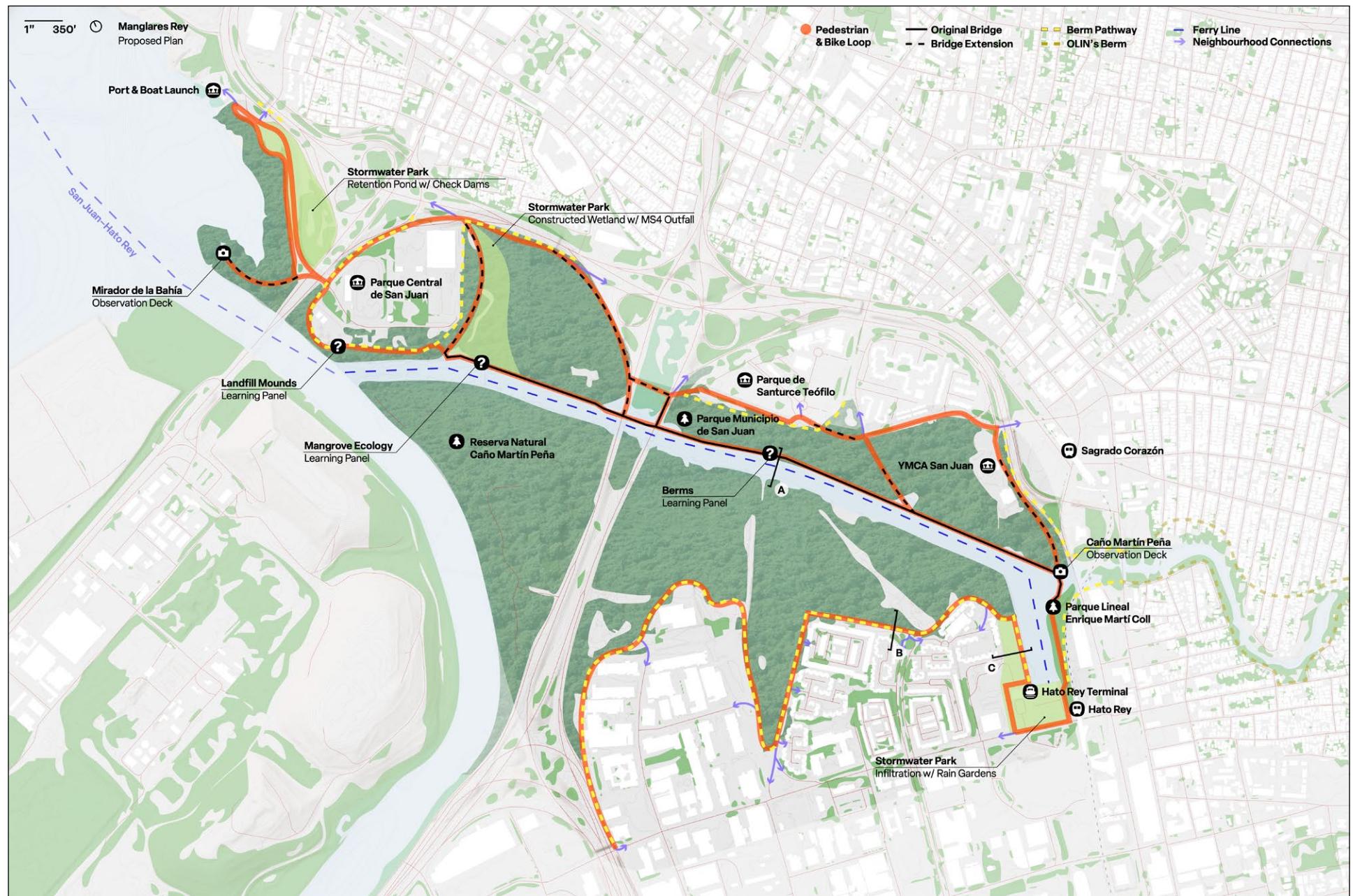


Bridge Perspective. Reconstruction of the currently closed Parque Lineal Enrique Martí Colli bridge with observation decks and learning panels.

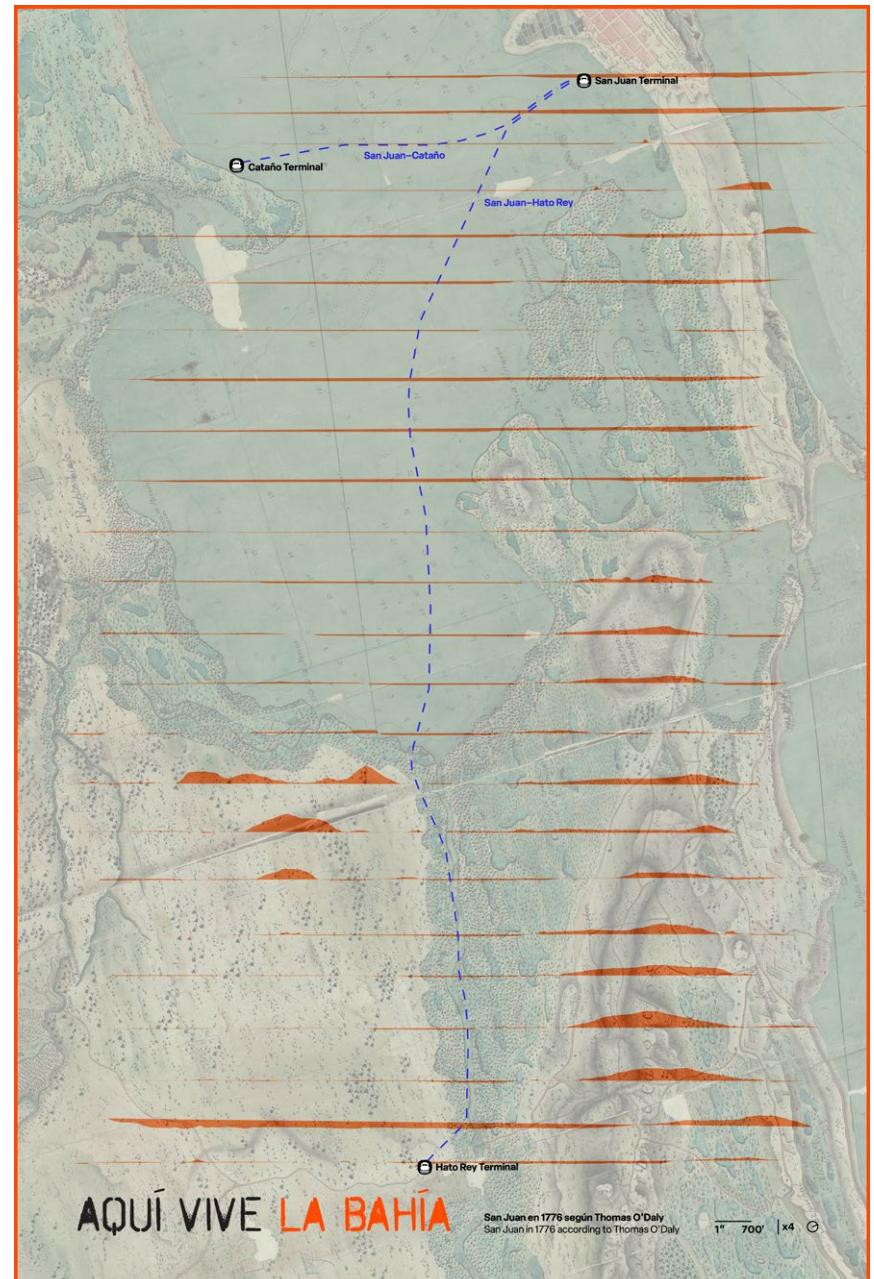
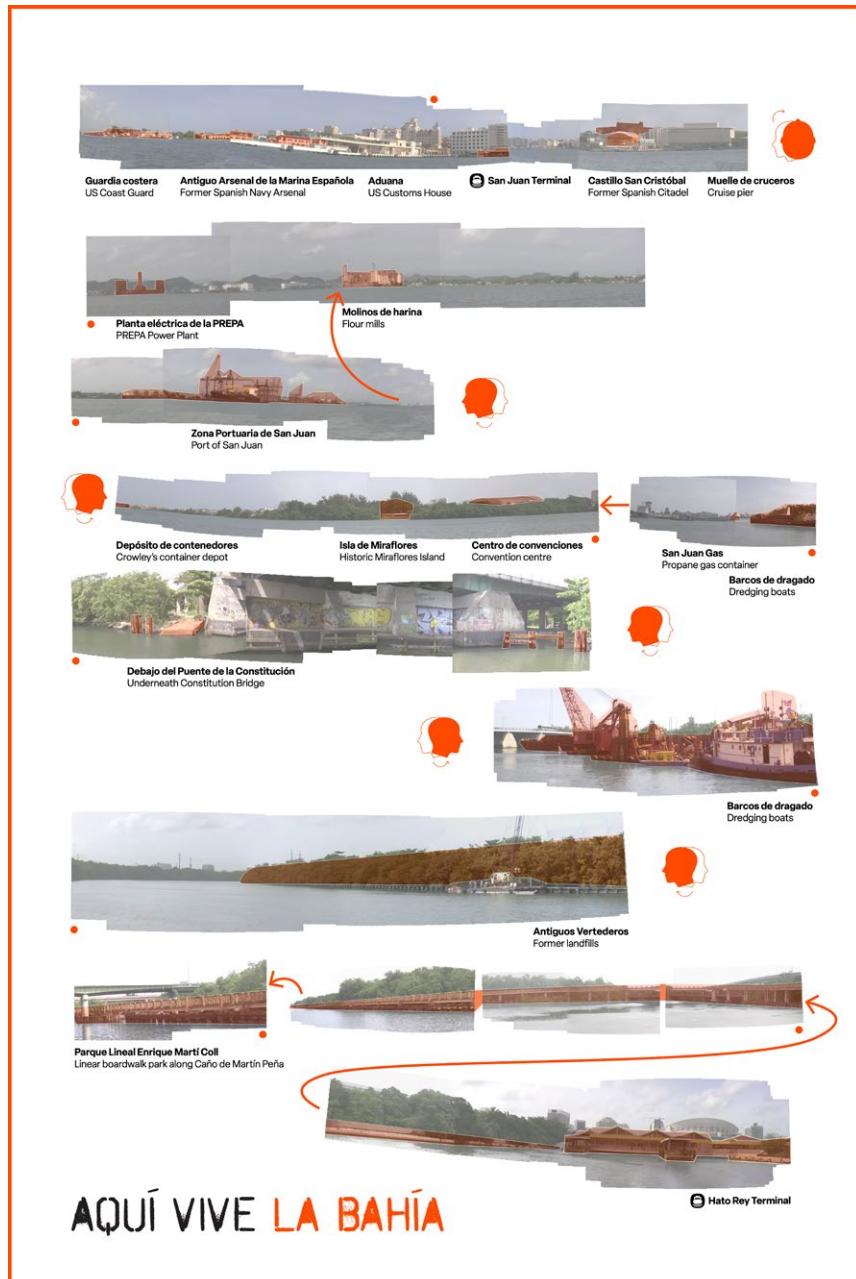


Section C. Readapting an abandoned parking lot near the Hato Rey ferry terminal into a meadow park. The series of rain gardens within the park allow for inland stormwater management while the berm system acts as a riverine flood barrier for the local residents.

Manglares Rey

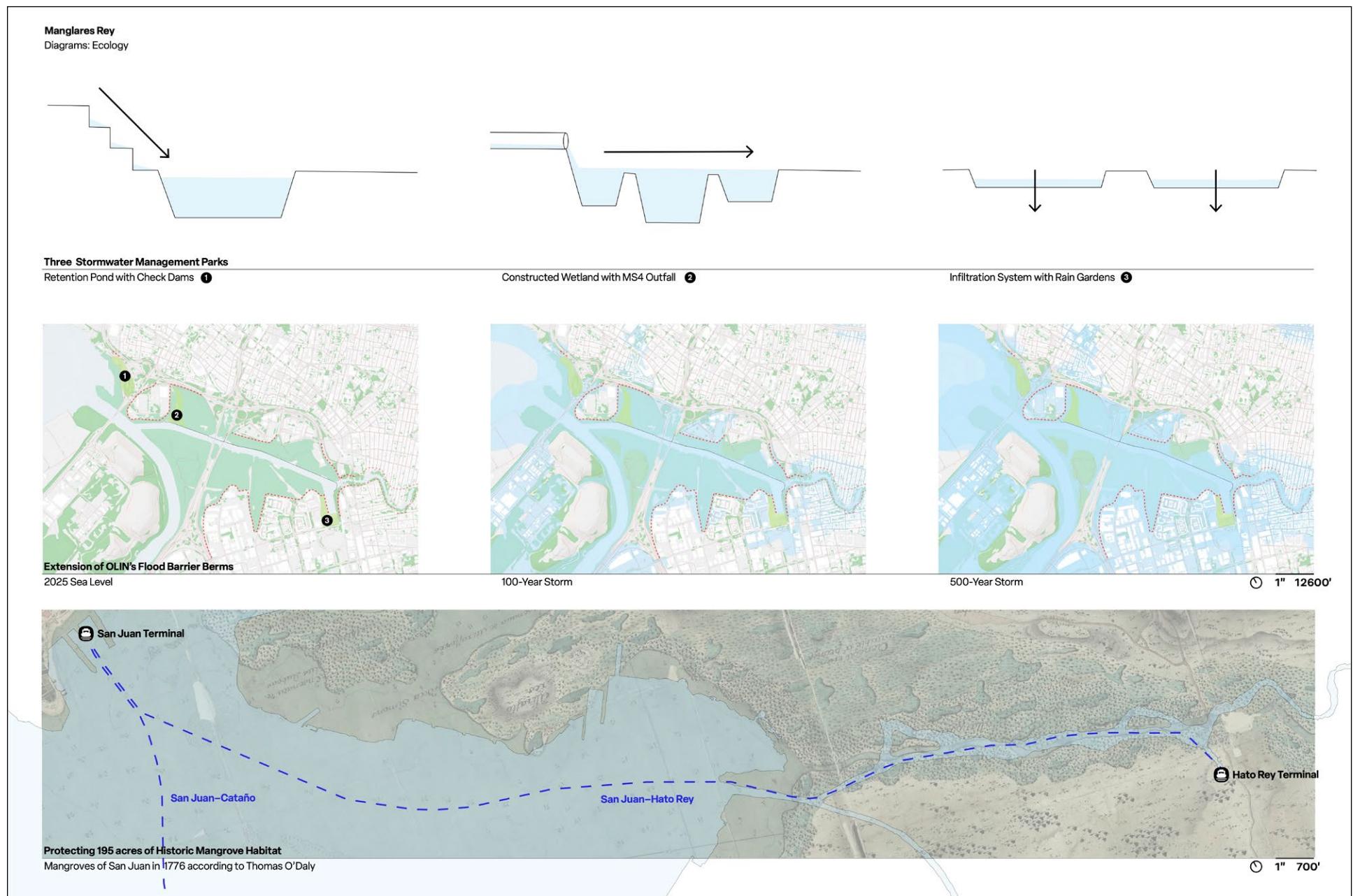


Site Plan. Connecting various existing public parks through a unified system of berms, bridges, and pathways alongside the reintroduced ferry service.

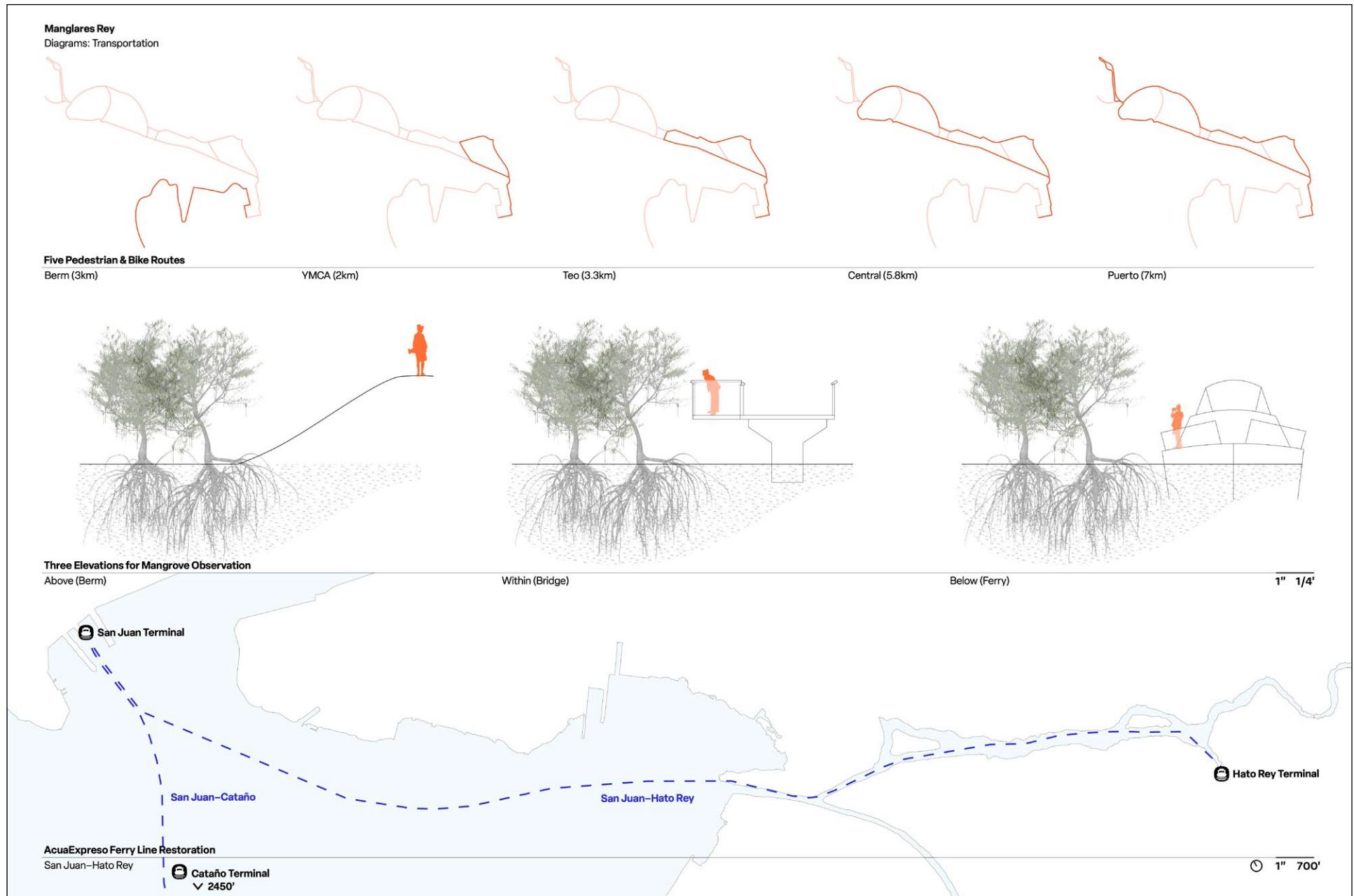


Ferry Guide. Providing a visual educational tool on the reintroduced ferry line contrasting contemporary features located in historic mangroves.

Manglares Rey



Ecology Diagrams. Various stormwater management techniques alongside the extension of OLIN's flood barrier berms for mangrove restoration.



Transportation Diagrams. Multiple routes, elevations, and forms of transportation exist within the proposed greenway network.

Conimicut Point

Title
Location

Professors
Course
Team

Statement

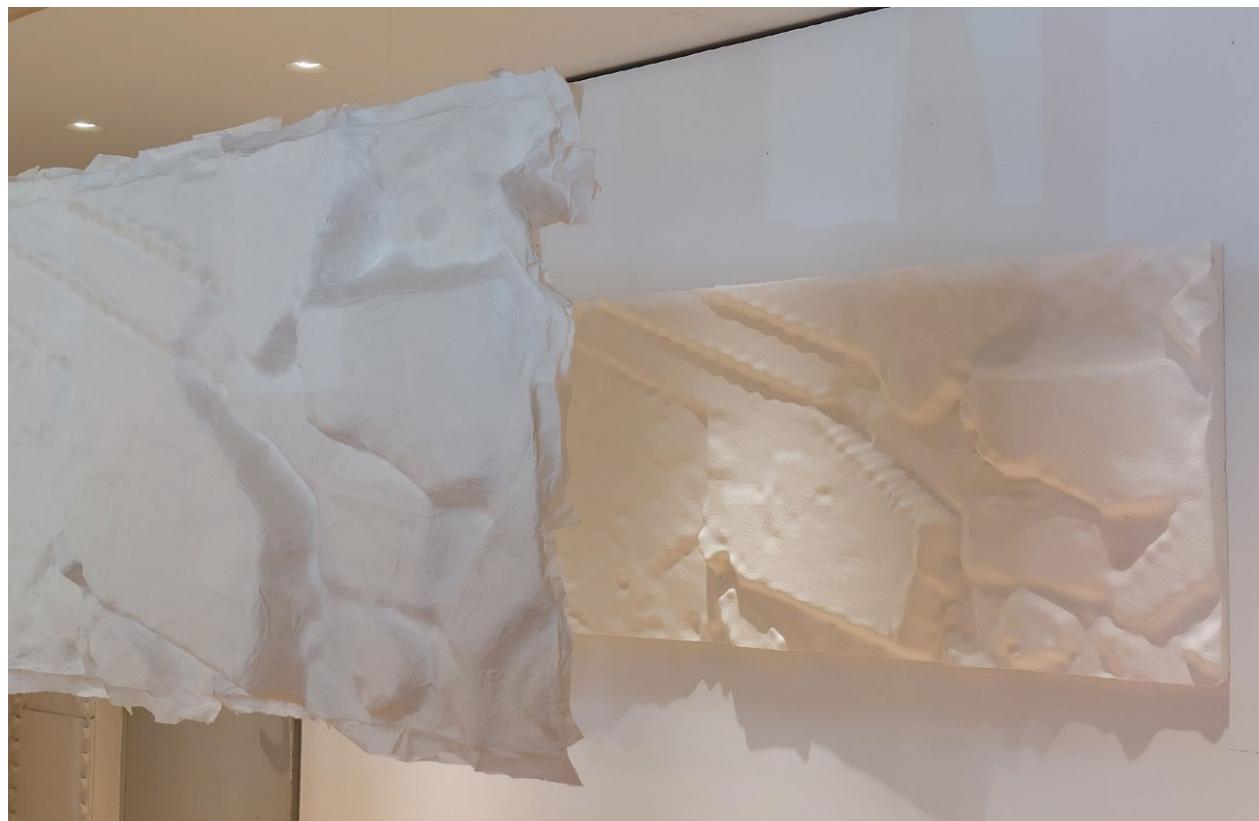
Conimicut Point
Warwick, Rhode Island

Evan Farley & James Dean
ARCH 3860—ReAssembly
Evan Friedman & Cristy Falcone

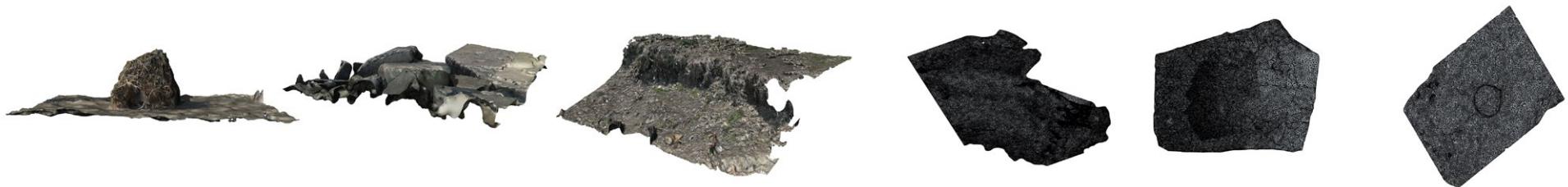
Inspired by Studio Anne Holtrop's *in-situ* earth molds, this project developed a process-based method to preserve places actively undergoing flooding and disappearance through 3D scanning, Rhino meshes, Mastercam toolpaths, CNC milling, and paper mâché for an immersive gallery exhibit.



Process in Five Images (clockwise from top-left). Site visit with Evan & Cristy > CNC milling of Rhino mesh > Transporting milled foam > Laying Hosho sheets to create paper mâché on milled form > Drying paper for installation.



Gallery Display. Final “Ground Conditions” as a CNC foam mold and Hosho paper mâché copy alongside process and technique work samples.

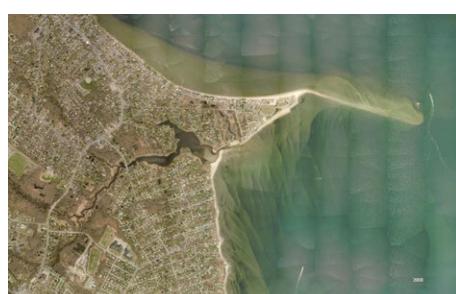
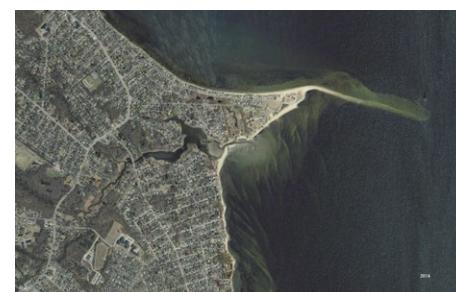


3D Scans to Rhino Mesh. Translating found conditions on Conimicut Point into topographical meshes for digital manipulation and CNC milling.

Conimicut Point



Historic Sediment Changes. Projection of changing sediment forms at Conimicut Point on suspended paper mâché "Ground Conditions."



Vertebrae Cove

Title

Vertebrae Cove

Location

Providence, Rhode Island

Professors

Sara Cohen & Adrian Fehrmann

Course

LDAR 2266—Material Tests

Statement

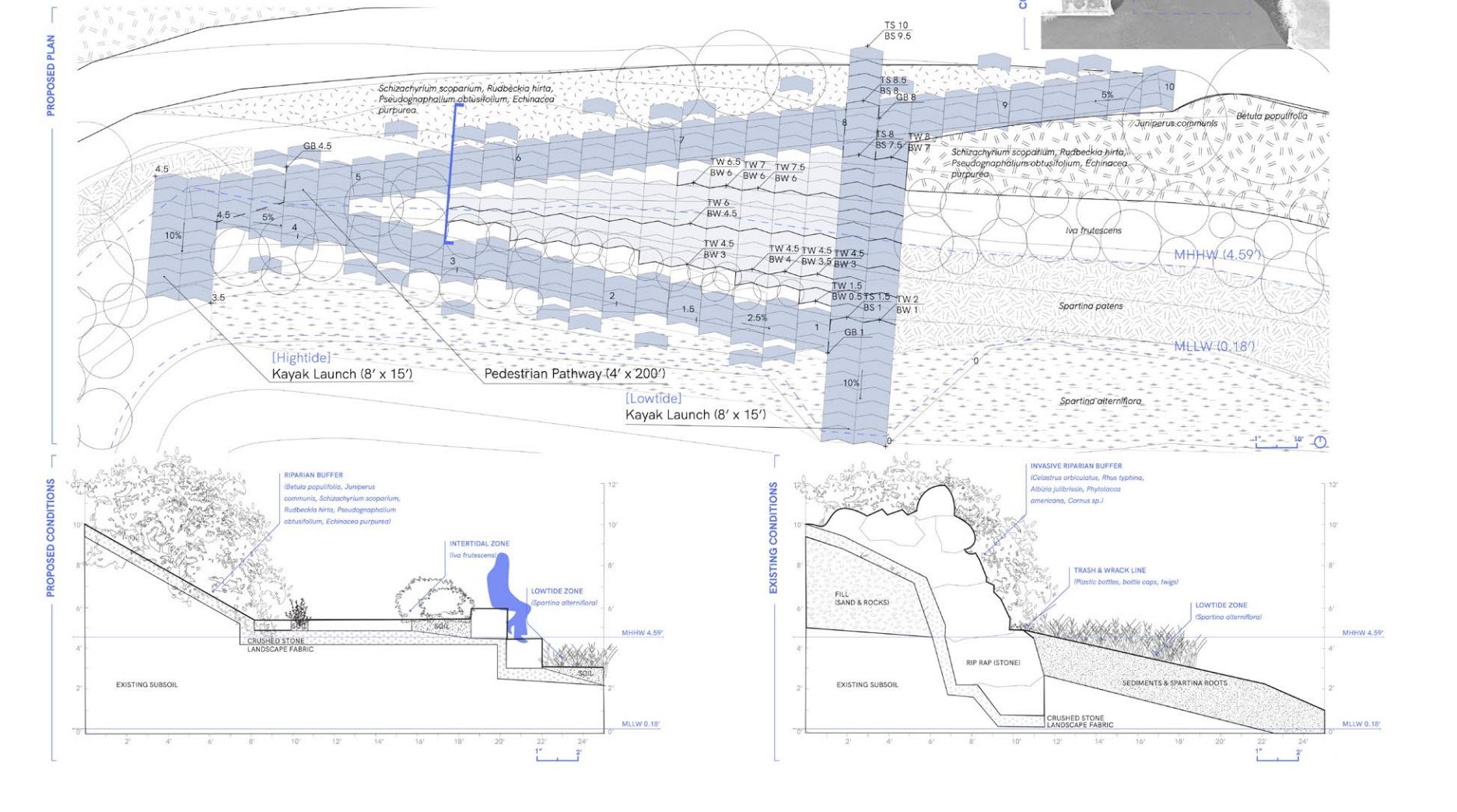
Vertebrae Cove proposes a biomimetic modular seawall infrastructure derived from whale vertebrae at India Point Park.



Lowtide Kayak Launch Model (1:2).

Vertebrae Cove

Nature-Based Seawall Infrastructure at India Point Park
Rasha Lama / Fall 2024



Proposed Plan (1:10) & Site Condition Sections (1:2).

Vertebrae Cove

Nature-Based Seawall Infrastructure at India Point Park
Rasha Lama / Fall 2024

BIOMIMETIC DESIGN



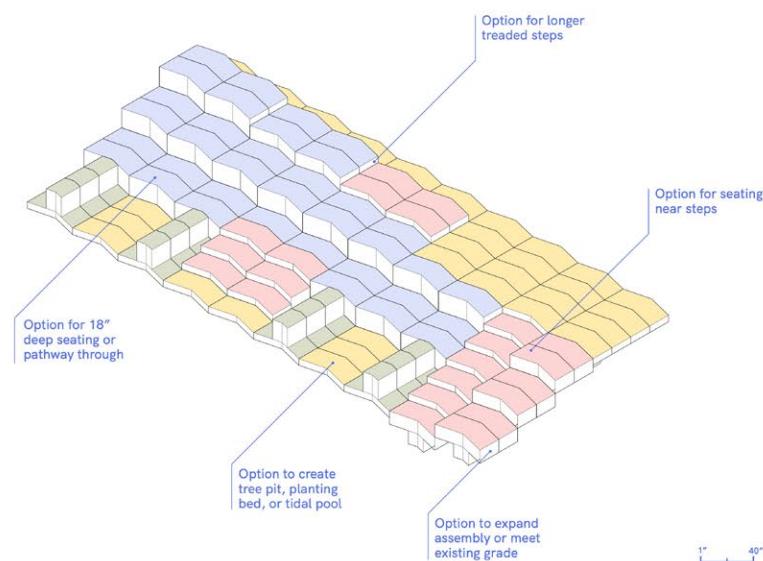
Whale Spine

Inspired by the organic changes between each vertebra of a whale's spine, the seawall infrastructure pieces gradually evolve for use in specific contexts.

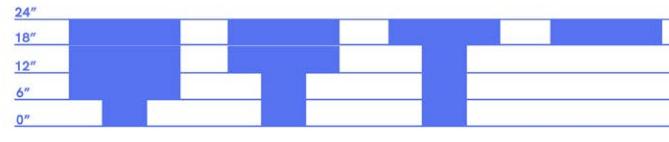
Ventral Gills

The mutualistic relationships these gills permit by allowing barnacles to attach themselves onto whales provide an interesting relief pattern to aid moss and marinelife growth on the seawall infrastructure.

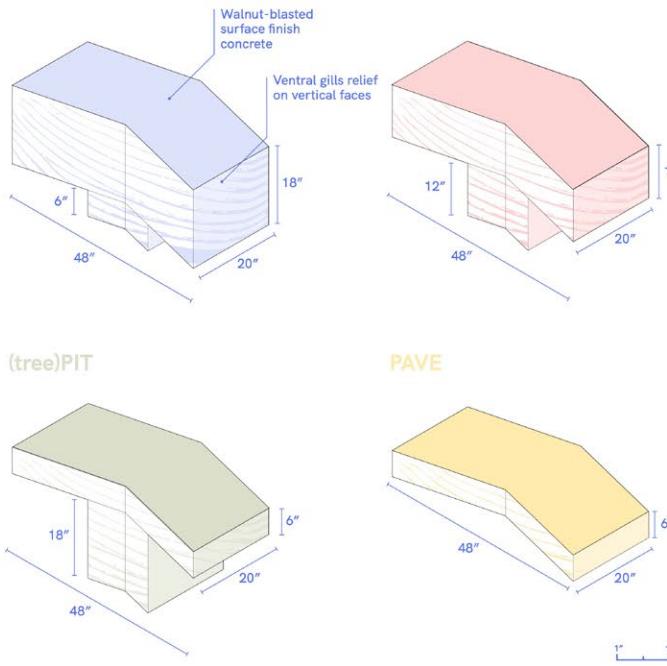
ASSEMBLY DIAGRAM



VERTEBRAE LOGIC



VERTEBRA BY VERTEBRA

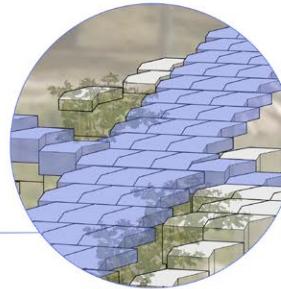
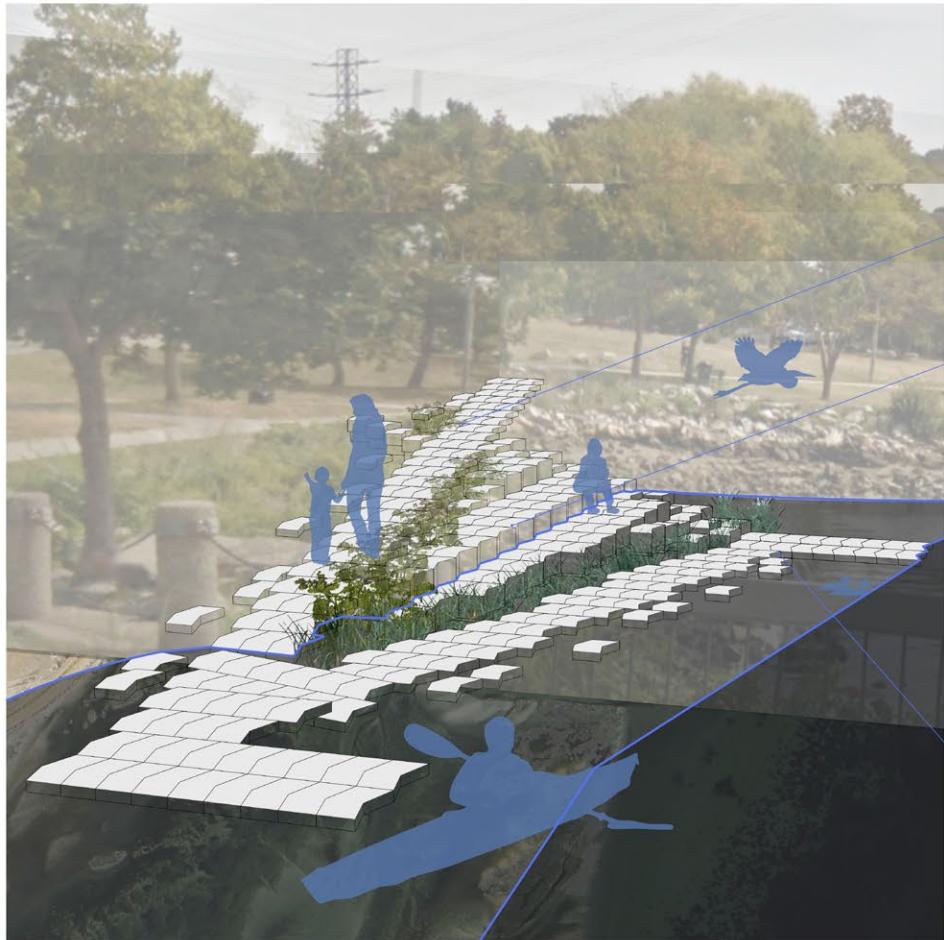


Biomimetic Design, Vertebrae Logic, & Assembly Diagram.

Vertebrae Cove

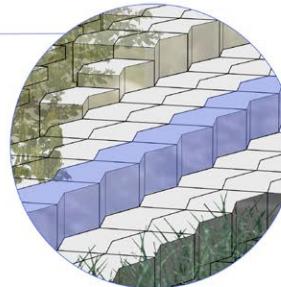
Nature-Based Seawall Infrastructure at India Point Park
Rasha Lama / Fall 2024

INSTALLATION VIEW



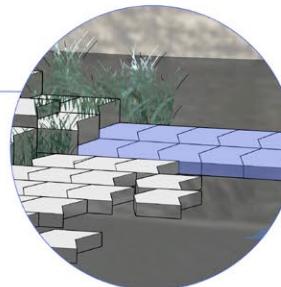
ADA-Accessible Path & Shortcut Steps

A continuation of India Point Park's existing pathways, the ADA-accessible path leads down to both kayak launches and through the intertidal zone. For a shortcut, steps lead directly from the top of the path to the lowtide kayak launch.



Intertidal Seating

Interspersed between the upper and lower pathways are the intertidal seats. Depending on the time of day, these seats might offer an intimate view of the water, or they might completely disappear. The dynamic temporal change makes this an intriguing phenomenon to experience.



Hightide & Lowtide Kayak Launches

Adapting to the twice-daily tidal changes of the Providence River, two kayak launches allow kayakers, canoers, and perhaps adrenaline-filled swimmers to launch and dock at the Vertebrae Cove. Both kayak launches are 8' by 15' and are graded at a 10% slope.

Installation Render & Programmatic Features.

Québec on Film

Title

Québec on Film

Location

Various regions of Québec, Canada

Statement

An experiment in context, a body is built through the textures of landscapes. Stripped of context, the landscape adopts a new narrative, a narrative equally dependent on the foreign environment as on the witnesser responding to the phenomena.

In a similar arrangement, I find myself occupying ground between my native place and my expatriate space, unsure where my true identity begins and ends.



Experiment in White. Collaging various landscapes into one “body” using photographs taken in various across Québec and Ontario.





Parc national du Fjord-du-Saguenay. August 2020, 6-hour drive from Montréal, 2-night stay.



Parc national du Bic. October 2022, 5-hour drive from Montréal, 1-night stay.



Rivière-au-Renard-Ouest of Gaspésie. January/February 2021, 10-hour drive from Montréal, 14-night stay.



Centre d'Art Marcel Gagnon of Sainte-Flavie. En-route to Gaspésie.

