BOARD MEETING

JULY 25, 2023

AGENDA

1. THE BAY TODAY

2. AWARDS WON THIS YEAR!

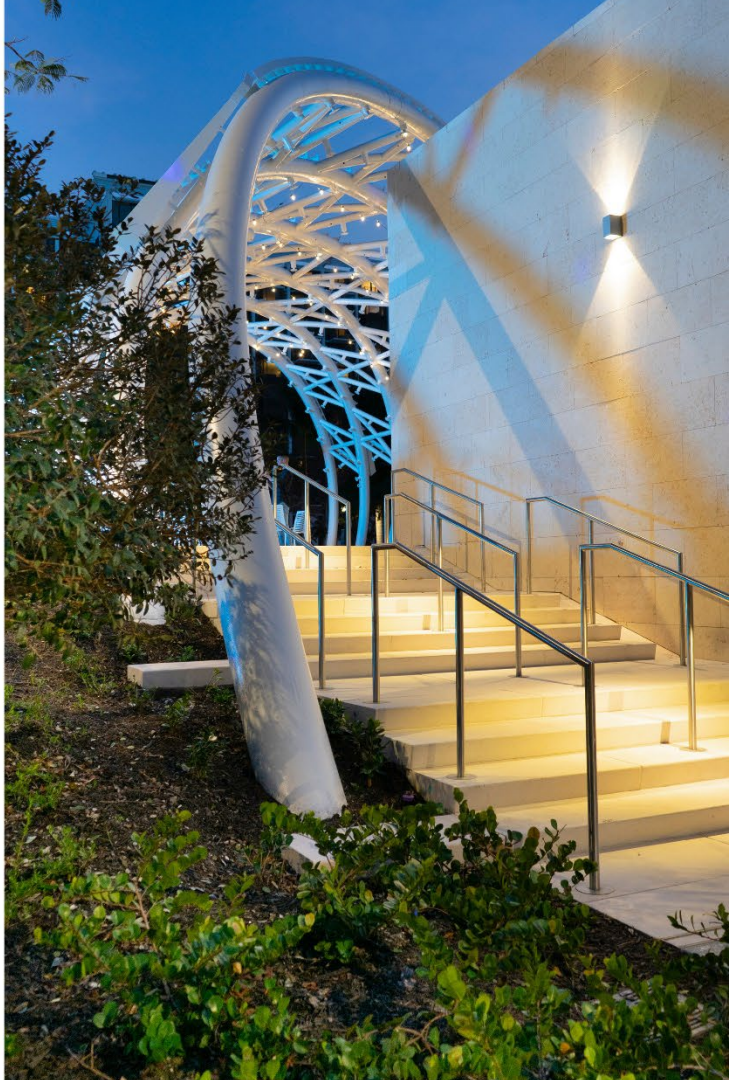
3. PHASE 2 SCHEDULE

4. RESILIENT SHORELINE 101

THE BAY TODAY


Beach
Casual play and sunset viewing
Play Space
An artful flock
Common Ground
Large-scale gathering and performance
The Nest
A place for rest and refreshment
The Oval
Small-scale gathering and performance
Multi-Use Recreational Trail
Connecting Downtown to the Bay
Mangrove Walk
A nature-engaged journey and trail


NOW
OPEN!



AWARDS WON THIS YEAR!

AWARDS | **BSLA (BOSTON SOCIETY OF LANDSCAPE ARCHITECTS)**

AWARDS | **FL ASLA**

Award Cermony - July 28

"On behalf of the Florida Chapter of the American Society of Landscape Architects, the Design Awards Committee and I congratulate you on having your submission recognized with a **2023 Design Award for the project titled: The Bay: “One Park for All” in Sarasota."**

Panel session - July 29

LA CES™ Landscape Architecture Continuing Education System™

About Us | Guidelines

Building a Resilient Sarasota Bay Park

Start Date	07/30/2023
End Date	07/30/2023
Description	The Bay is a community, city and park conservancy initiative that aspires to transform 53 acres of city-owned land into a signature public park on Sarasota Bay. This panel will present the story of The Bay – from its award-winning community-driven master planning effort to the detailed design of the site and its operations to the opening of its first 10-acres of park space. Emphasis will be on transformation of the site from gray infrastructure and parking lots to a green-blue oasis including mangrove restoration, innovative green infrastructure and post-implementation monitoring.
Location	Miami, FL

Speaker

William Waddill
Chief Implementation Officer
The Bay Park Conservancy, Inc.

Penny Cutt
Senior Director
CUMMINS | CEDERBERG

Philip DiMaria
Urban Planner/Project Manager
Kimley-Horn

Zachary Chrisco
Principal
Sasaki

Susannah Ross
Director
Agency Landscape + Planning

PHASE 2 SCHEDULE

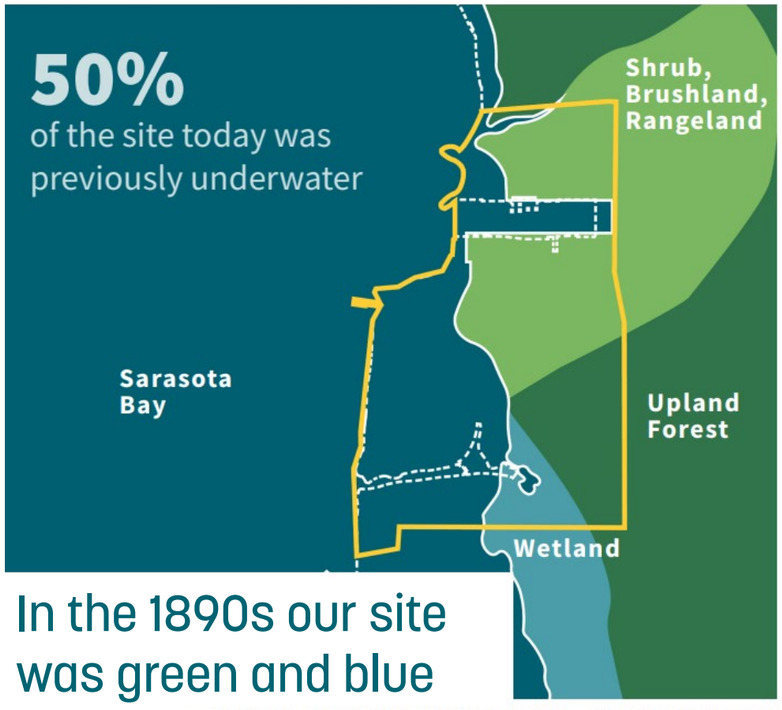
	2023							2024												2025												2026			
Phase 2 Major Milestones	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4
Cultural District																																			
			Chidsey Evaluation						Chidsey renovation																										
			60% Design				90% Design																												
Sunset Pier																																			
								USACE Permit (est.)	60% Design																												
Resilient Shoreline																																			
			Concept Design				30% Design																												
Canal District Master Plan																																			
			Concept Design				Outreach		"Reveal" at 1 year event					City Comm. Review																						
Canal District Waterside																																			
			USACE Permit (est.)				90% Design							100% Design																						
Canal District Landside																																			
			Concept Design						30% Design					60% Design						90% Design													100% Design			Construction

RESILIENT SHORELINE 101

RESILIENT SHORELINE | **HISTORY**

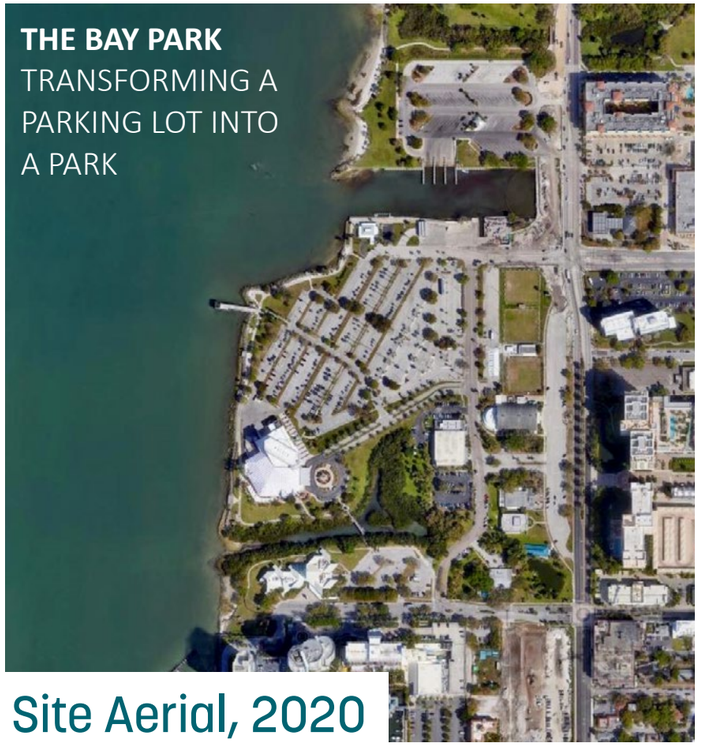
Indigenous Shell Mounds

Typical Sarasota Shoreline Circa 1900



In the 1890s our site was green and blue

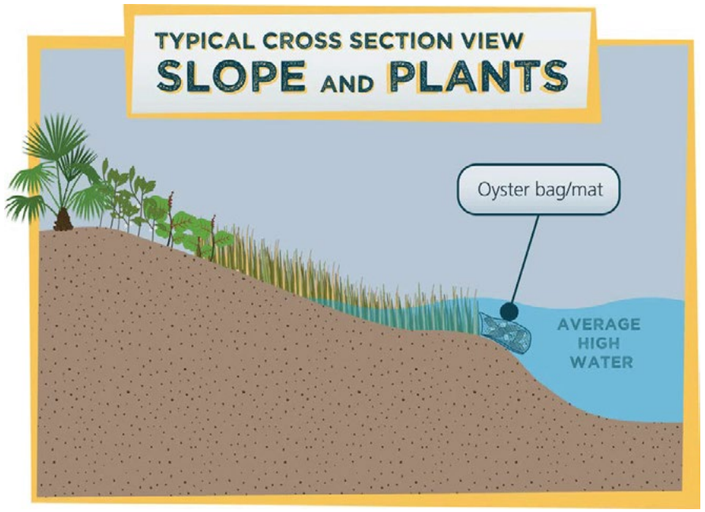
SOURCE: SARASOTA BAY 100 YEARS - CITY OF SARASOTA

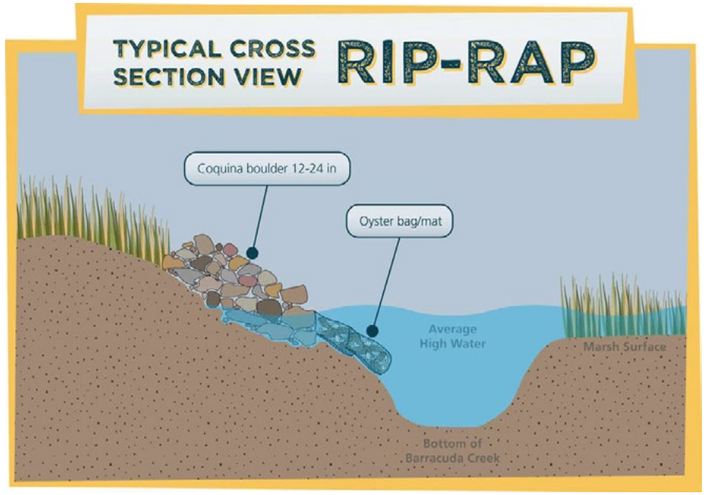


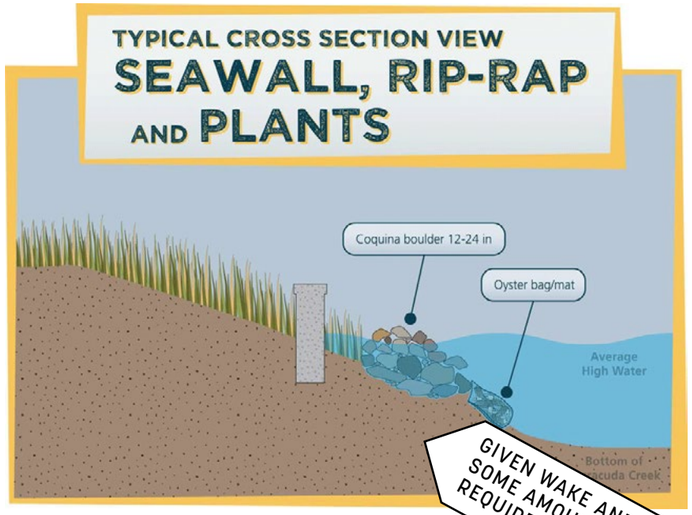
Site Aerial, 2020

Approved Master Plan

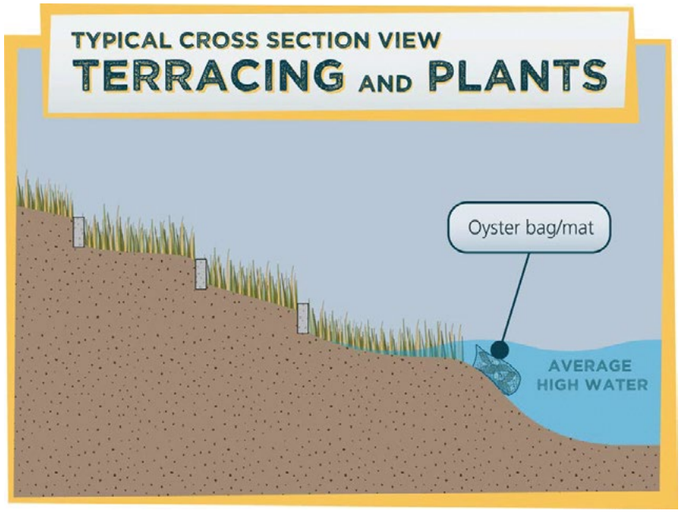
RESILIENT SHORELINE | **TYPOLOGIES**

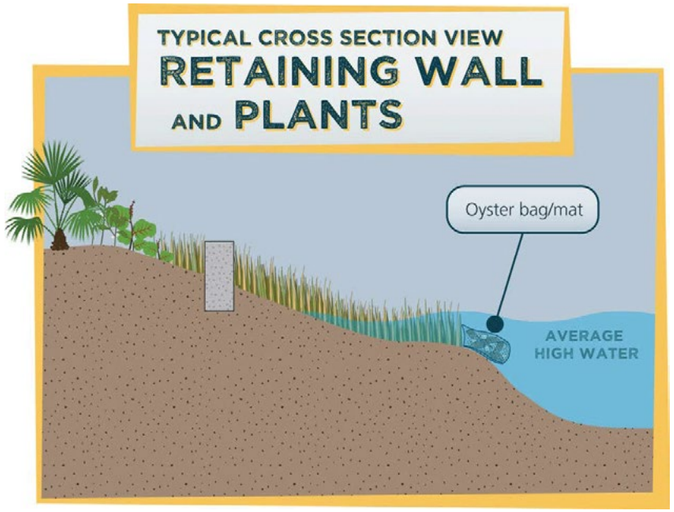






GIVEN WAKE AND BOAT IMPACT, SOME AMOUNT OF RIP RAP WILL BE REQUIRED TO STABILIZE SHORELINE





LIVING SHORELINE ⟷ **COASTAL STRUCTURE**

Florida Living Shorelines

RESILIENT SHORELINE | **LOCAL PROJECTS**

BREAKWATER + PLANTING
Brevard County Living Shoreline

Large oyster breakwater and planting, breakwater at foot of revetment wall

RIP RAP + TERRACING
Indian River Lagoon House

Coir terracing upland with limestone rip rap breakwater for wave attenuation

SHORELINE SOFTENING
Sarasota Bayfront Park

Planted living shoreline restored with native plantings

TODAY | **UNDERWATER RESOURCES**

HARD BOTTOM

Mixed communities of algae, sponges, and corals - a rocky substrate composed of coquina, limestone, and relic coral reefs. Habitat is highly diverse and structurally complex. (FSU)

Some potential to be relocated (M&N).

SEAGRASS

Florida has nearly 2 million acres of seagrass - they help to maintain water quality, stabilize the bottom, and provide critical food and shelter for diverse communities that live there.

It is critical that seagrass habitat be undisturbed (M&N)

RIP RAP

Rip rap is commonly used for shoreline stabilization and wave attenuation in coastal areas - when incorporated with natural strategies, it may encourage habitat along the shore. (FSU)

Current rip rap not in great condition (M&N).

SOURCE: Florida State Indstitute of Oceanography

TODAY | **EDGE CONDITION**

BREAKWATERS

May be a good example for future living shoreline interventions (M&N)

LIMESTONE RIP RAP

Can support bethic communities but current rip rap is not in great structural condition (M&N)

LIMESTONE RIP RAP

Rip rap revetments are standard for wave attenuation and shorelien stabilization - they can support bethic communities but current rip rap is not in great structural condition (M&N)

WAKE + FETCH

Action from boats, wind, and waves here requires engineered shoreline stabilization and wave attenuation measures (M&N)


RIPRAP
SIDEWALK
PARKING
TODAY

IBIS

SEA OAT

GOLDEN ROD

BROWN PELICAN

RED DRUM AND SNOOK

SNOWY EGRET

BLACK MANGROVE

BLUE FLAG IRIS

OUR VISION

THANK YOU!