



OAKLAND ESTUARY PARK RENOVATION + EXPANSION PROJECT

STATE COASTAL CONSERVANCY (SCC) GRANT FOR SHORELINE ENHANCEMENT PLANNING

SEPTEMBER 18, 2023



PRESENTATION OUTLINE

1. Introduction
2. Current 65% Design
 - 65% Site Plan / Views
3. SCC Grant Work
 - Scope of Work
 - Project Timeline
 - Organizational Chart
 - Long-term SLR Planning at JLAC
 - Shoreline Design and Features
4. Questions

65% SITE PLAN

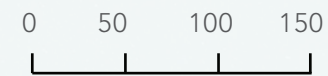
- 1 ENTRY PLAZA / FOOD TRUCK PLAZA
- 2 PICNIC PLAZA
- 3 MULTI-PURPOSE LAWN
- 4 DOG PARK
- 5 BOAT STORAGE
- 6 FESTIVAL / GATHERING PLAZA
- 7 NATURE PLAY AREAS
- 8 RE-PURPOSED EXISTING TRELLIS
- 9 WATERFRONT PROMENADE W/ RESTING NODES
- 10 RESILIENT SHORELINE IMPROVEMENTS
- 11 PICNIC GROVE
- 12 WATER-WISE / HABITAT GARDEN
- 13 RIP-RAP EDGE W/ ROCK RETENTION STRUCTURE
- 14 WOOD PIER (E)
- 15 RECREATIONAL BOAT TRAILER PARKING
- 16 60' ROWING SHELL TRAILER PARKING
- 17 SHORELINE PATH AND PASSIVE RECREATION NODES
- 18 PUBLIC BOAT LAUNCH FACILITIES TO REMAIN
- 19 EXISTING RESTROOM BUILDING
- 20 PROPOSED RESTROOM BUILDING
- 21 STORM WATER SELF RETAINING AREAS
- 22 POTENTIAL TO MAINTAIN SECOND VEHICULAR ENTRANCE
- 23 STORMWATER TREATMENT AREAS
- 24 SLURRY SEAL AND RESTRIPPING



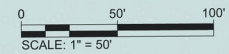
--- STATE TRUST LAND BOUNDARY

--- EBMUD EASEMENT

--- PROJECT LIMIT WORK



SCALE: 1" = 100'



SCALE: 1" = 50'



CURRENT 65% DESIGN

BIRD'S EYE VIEW



GRANT SCOPE OF WORK

Task 1 Project Management

→ Task 2 Augmented Shoreline Design Phase: Conceptual Design Review, Analysis, Design Modification, & Implementation Strategy

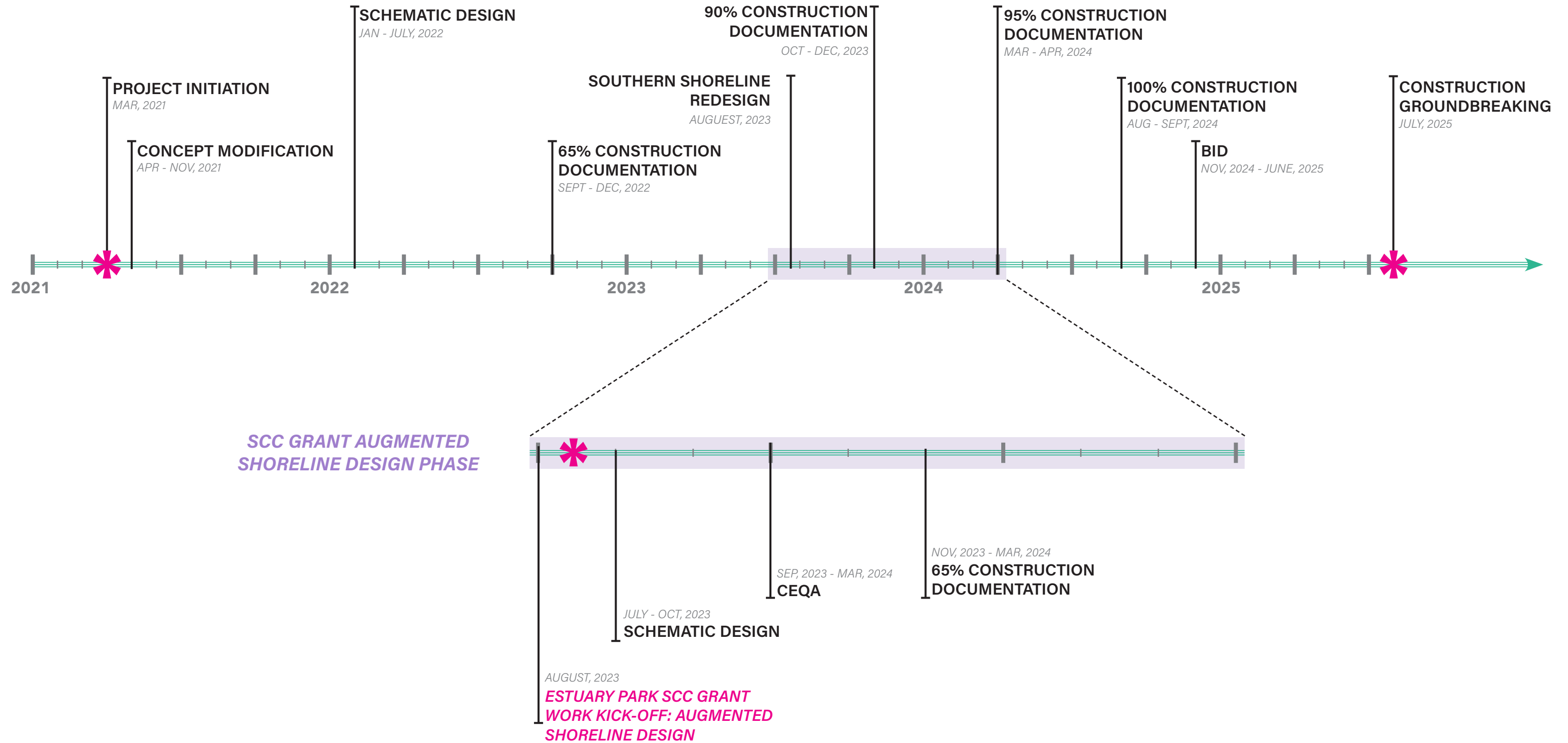
- 2.1 - Technical Studies
- 2.2 - Conceptual Design Criteria and Basis of Design Report
- 2.3 - Waterfront Recreation Adaptation Plan for the Jack London Aquatic Center
- 2.4 - City Department, Public, Tribal, Stakeholder and TAC Engagement

Task 3 Schematic Design (30% Design)

Task 4 CEQA Compliance

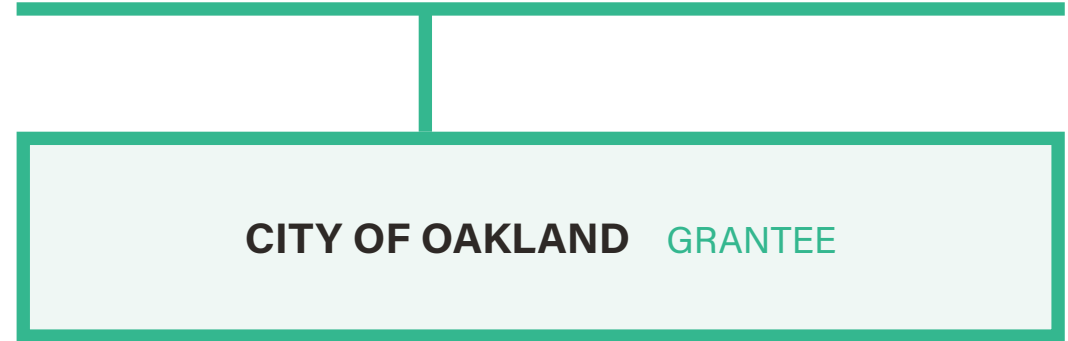
Task 5 Construction Documents

PROJECT TIMELINE



ORGANIZATIONAL CHART

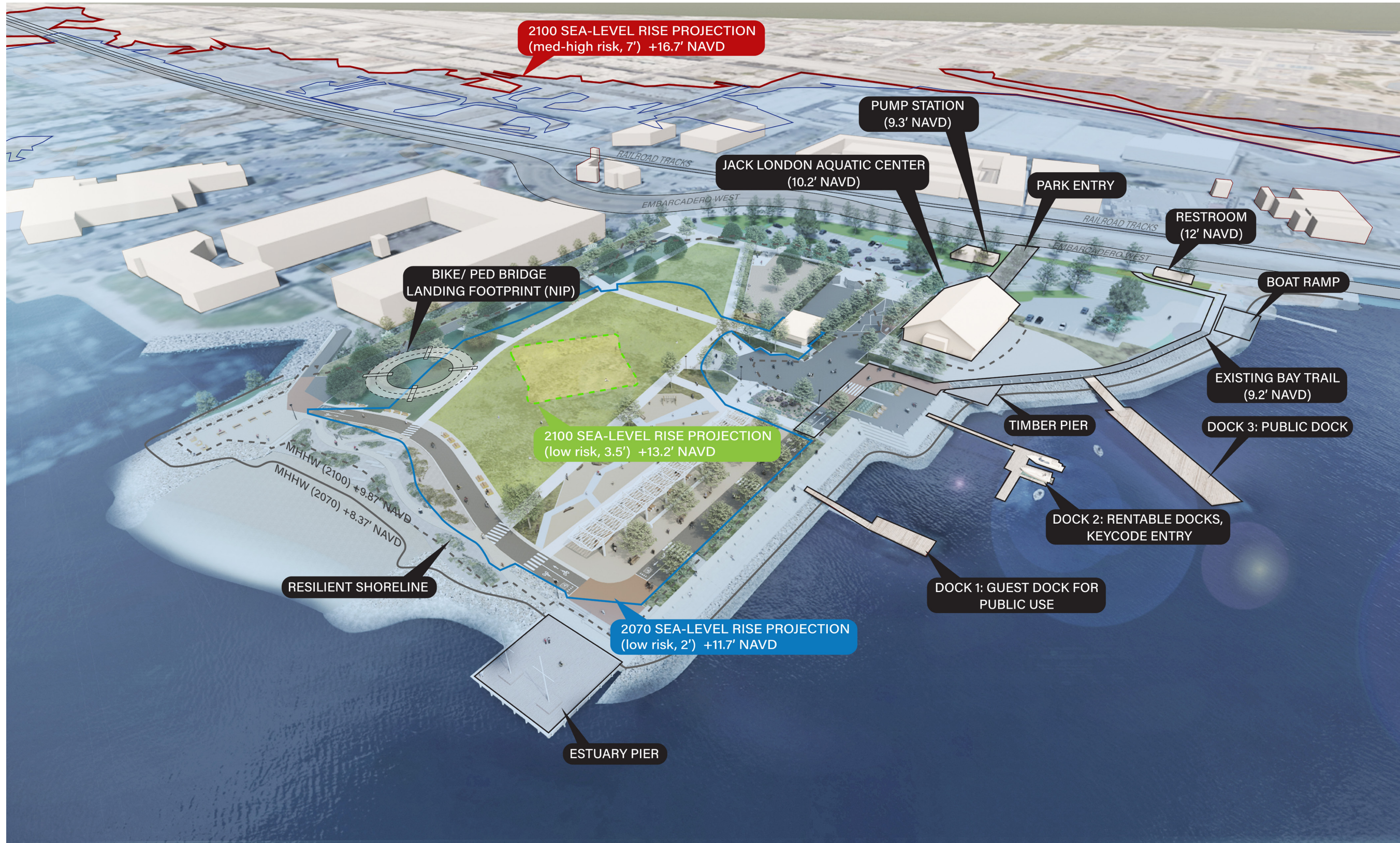
CALIFORNIA STATE COASTAL CONSERVANCY



KEY CONSULTANTS



LONG-TERM SLR PLANNING CHALLENGES

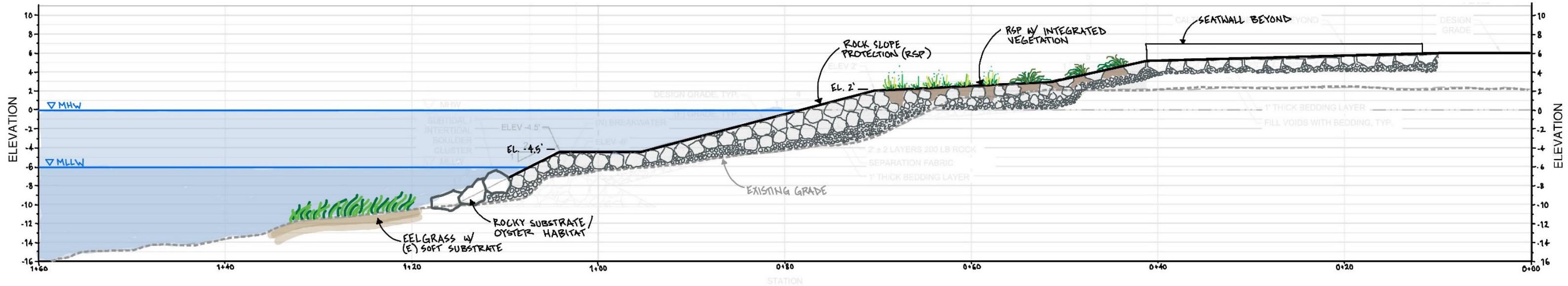


Overview of long-term sea-level rise challenges at Estuary Park

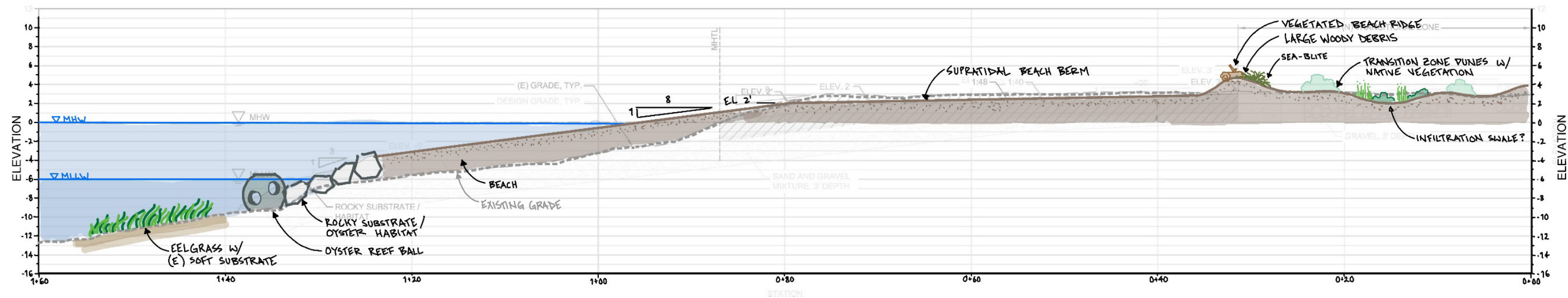
PRELIMINARY SHORE ENHANCEMENT CONCEPT - PLAN



PRELIMINARY SHORE ENHANCEMENT CONCEPT - SECTIONS



RETENTION STRUCTURE
TYPICAL SECTION SCALE: 1"=5'



BEACH
TYPICAL SECTION SCALE: 1"=5'



RESILIENT SHORE AND HABITAT ENHANCEMENT PARAMETERS / CRITERIA

Habitat Types

- Vegetated beach ridge and transitional backshore
- Beach
- Rock slope protection with integrated vegetation
- Nearshore oyster reefs
- Eelgrass / submerged aquatic vegetation

Parameters/Criteria

- Elevation Range
- Necessary Conditions
- Geomorphic Functions
- Ecological Benefits
- Cultural Value
- Implementation Timing
- Implementation Methods
- Relative Cost

