

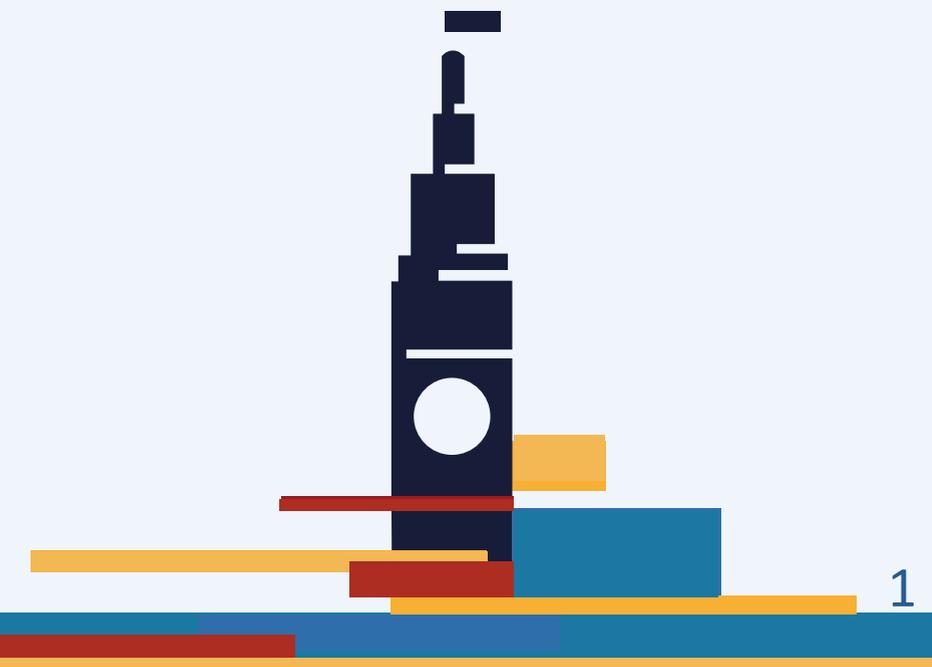
Port of San Francisco

Mission Bay Ferry Landing and Water Taxi Landing

BCDC Permit No. 2017.008.00

BCDC Commission Presentation

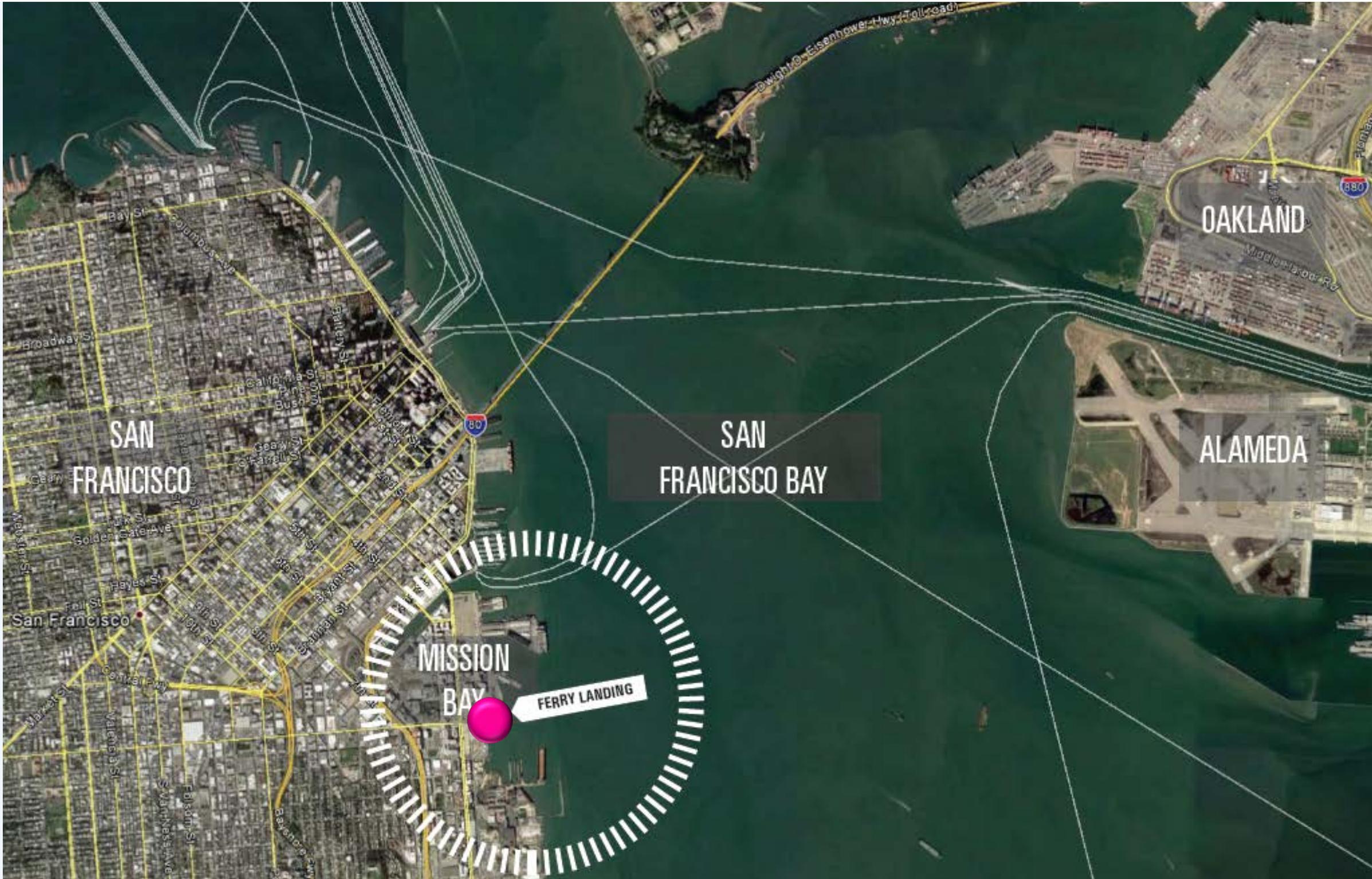
December 5, 2019



Presentation Outline

1. Background/Site Planning
2. Project Design
3. Site Circulation
4. Public Access
5. Architectural Features
6. Construction Schedule

San Francisco Bay Ferry Service Routes





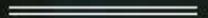
Mission Bay Land Use Map



Mission Bay Transit Map



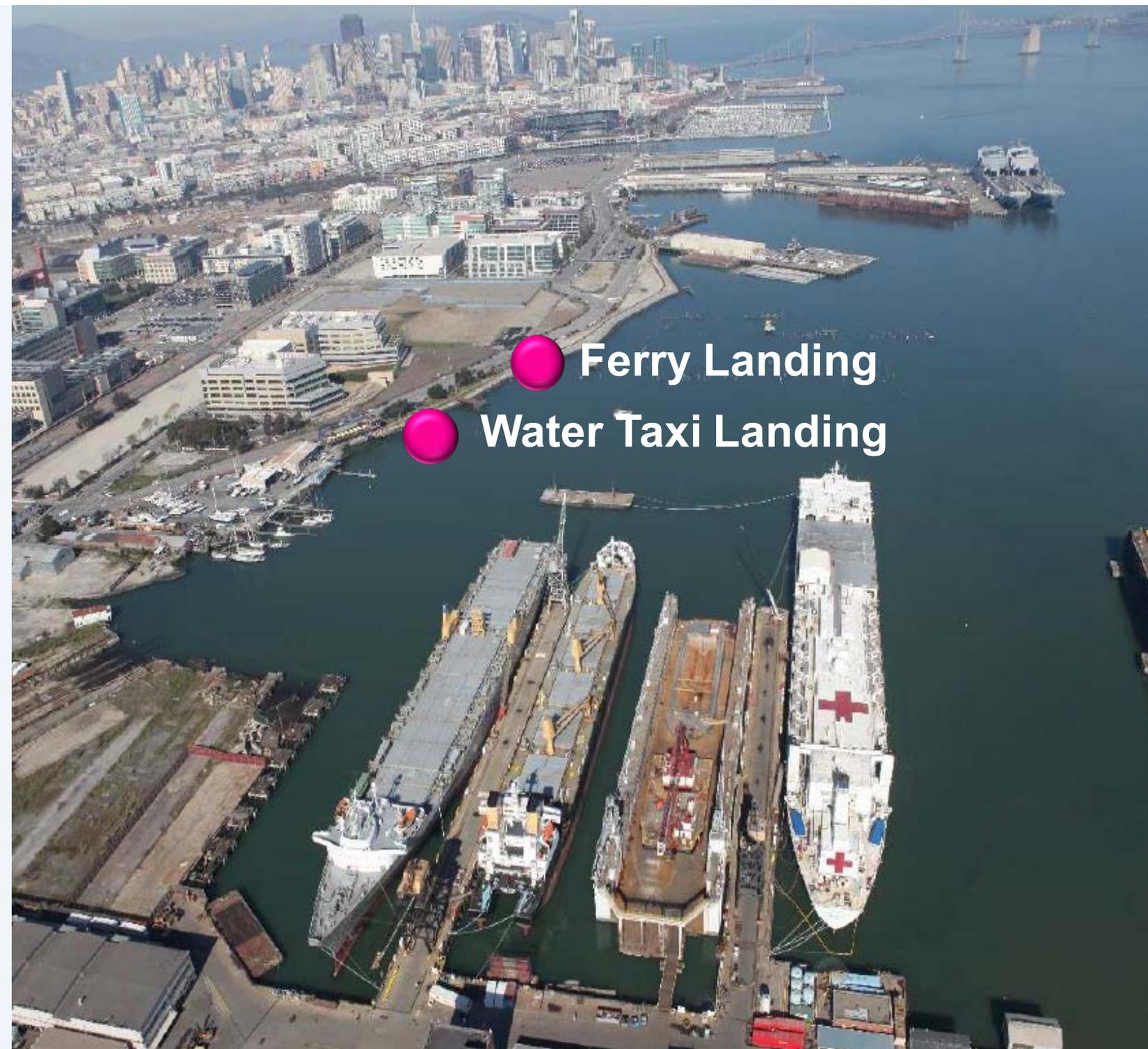
Ferry Landing
Water Taxi Landing

- SAN FRANCISCO BLUE GREENWAY + BAY TRAIL 
- BUS LINE 
- 3RD STREET T-LINE STOP 
- CALTRAIN STATION 
- BOAT LAUNCH 
- BIKE ROUTE 
- BIKE LANE 
- BIKE PATH 



Proposed Ferry Landing and Water Taxi Landing - Planning Study Selection Criteria

- Proximity to employment and uses
- Connectivity to transit
- Navigational needs of Dry Dock operations
- Protected site without breakwater
- Compatibility with Bay Trail, Bayfront Park and Agua Vista Park



Project Overview



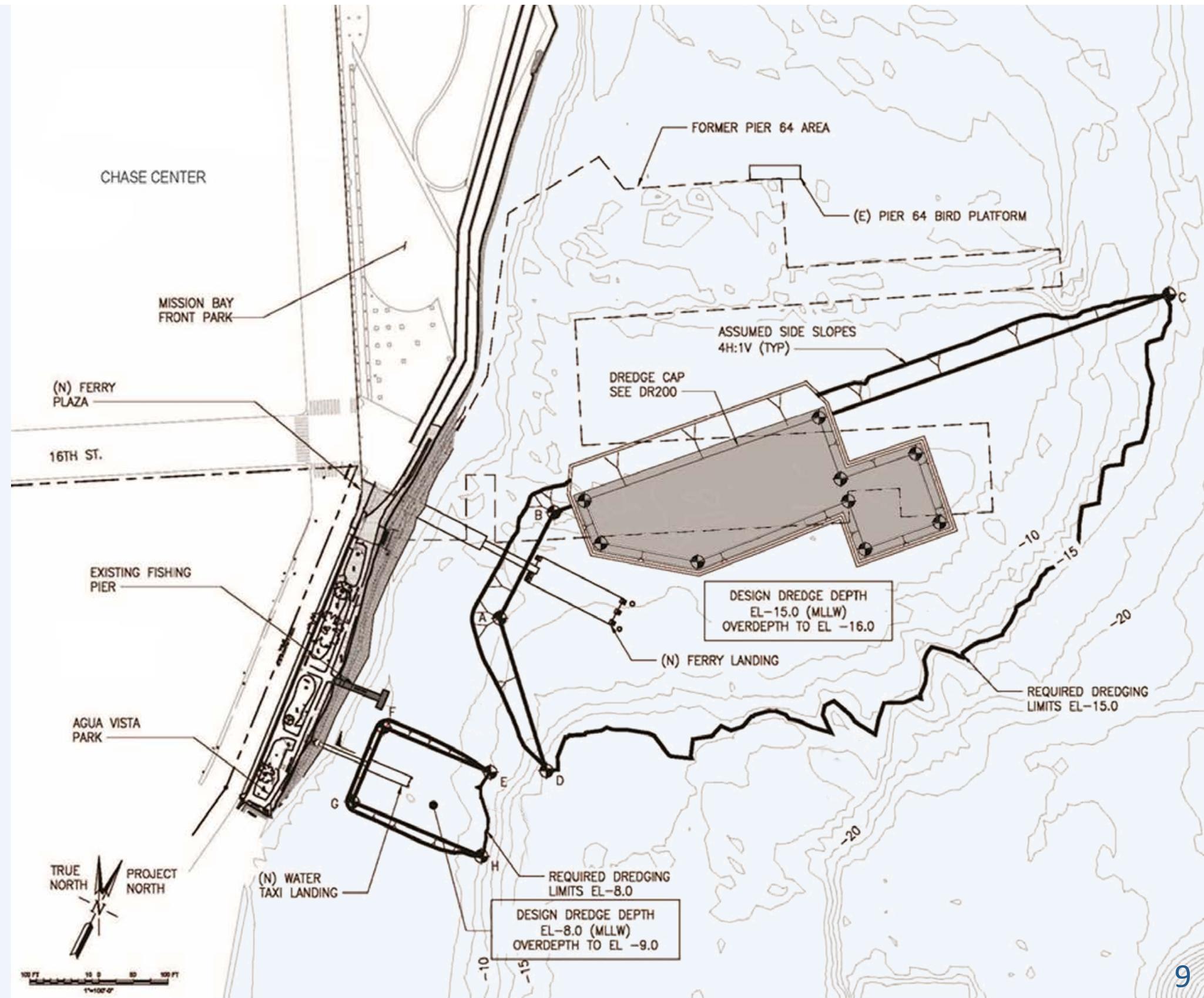
Ferry Landing and Water Taxi Landing Dredge Design

Ferry Landing

- 7.9 acres
- Dredge depth -15 ft MLLW +2 ft overdepth
- Dredge volume: 109,650 cy

Water Taxi Landing

- 0.5 acres
- Dredge depth: -8 ft MLLW +1 ft overdepth
- Dredge volume: 3,899 cy



Contaminated Sediment Removal and Clean Cap

Cross Section

MLLW

Project Dredge:
-15 ft + 2 ft OD

Remove additional
contaminants for CAP:
-17ft to -20ft MLLW

Mudline

Water

Biological
Active Layer

Scour Protection
Layer (Grout-
Filled Mattress)

Chemical
Isolation Layer
(Sand Cap)

Underlying
Sediment Bay
Mud and/or Fill

-17

15 cm

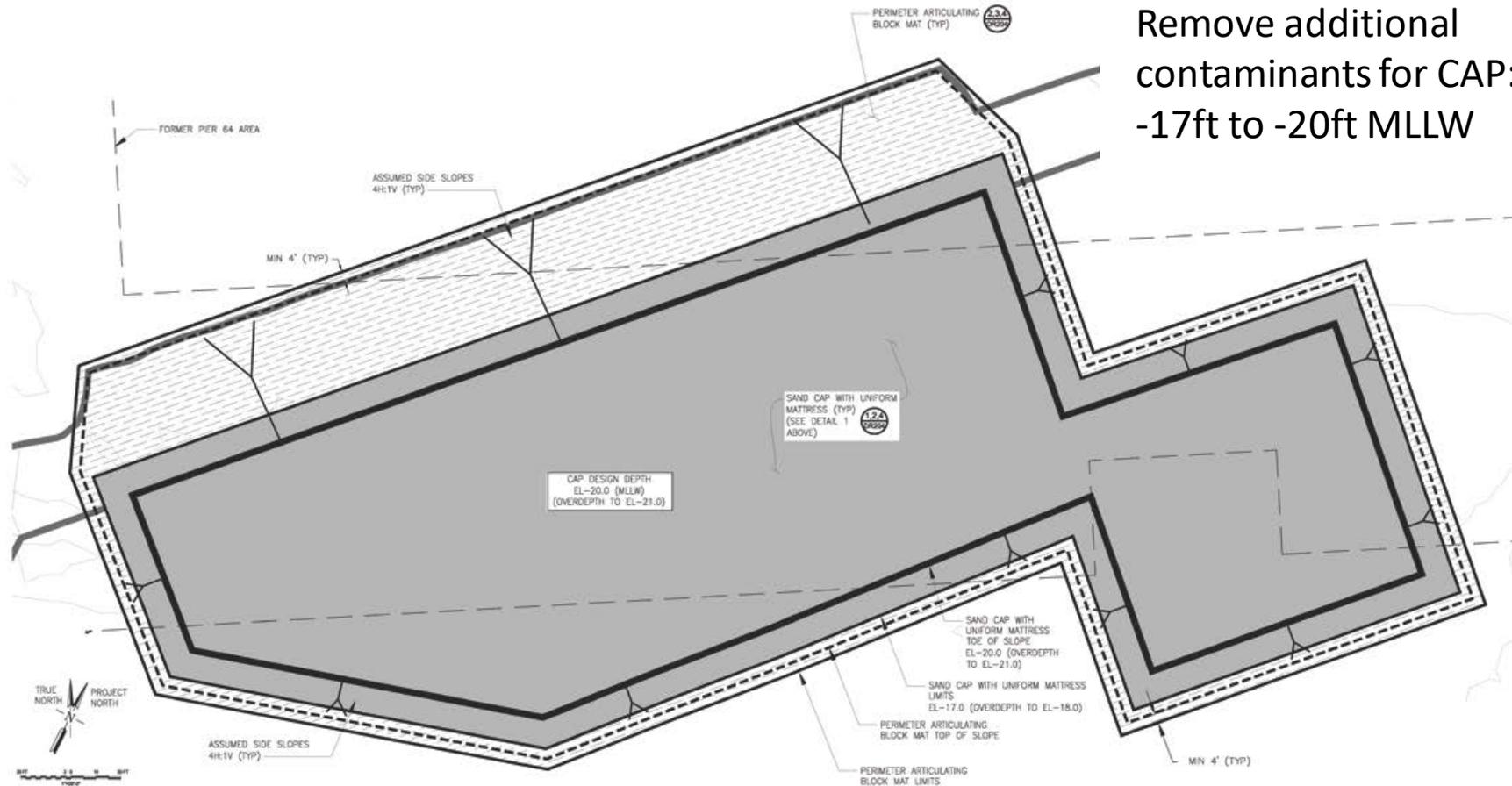
30 cm

50 cm

-20

Overdepth - 21

Total Cap Thickness
(90 cm, 3 ft)



Not to scale

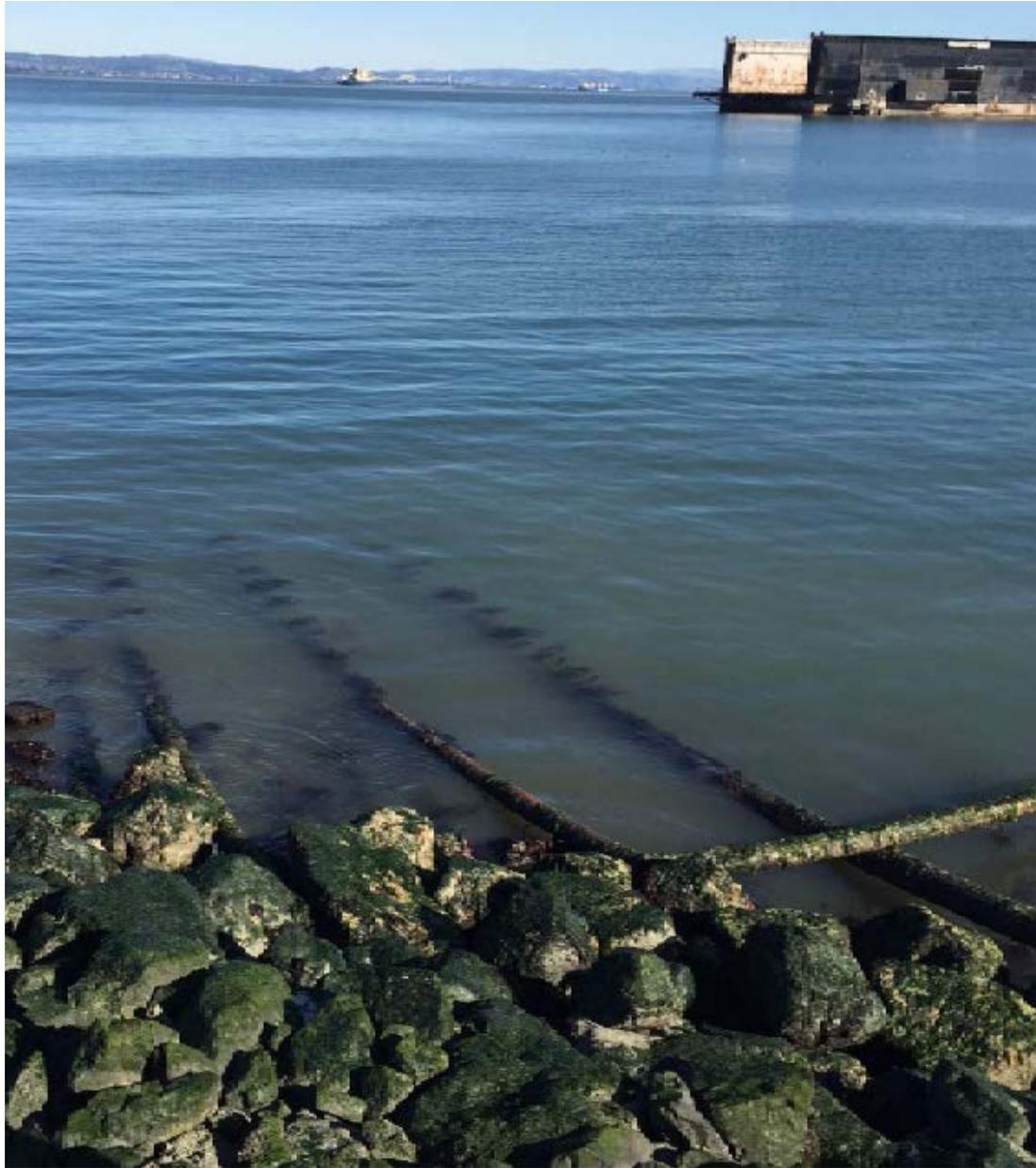
Fill Mitigation – Marine Debris



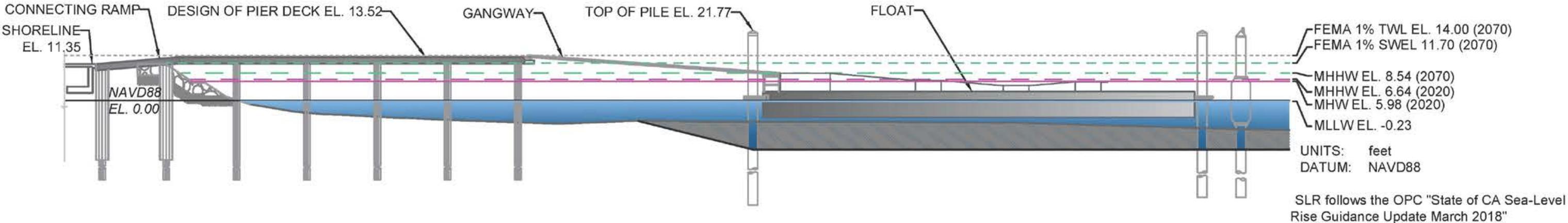
Fill Mitigation – Fill Removal



Fill Mitigation – Decommissioned Fuel Pipes



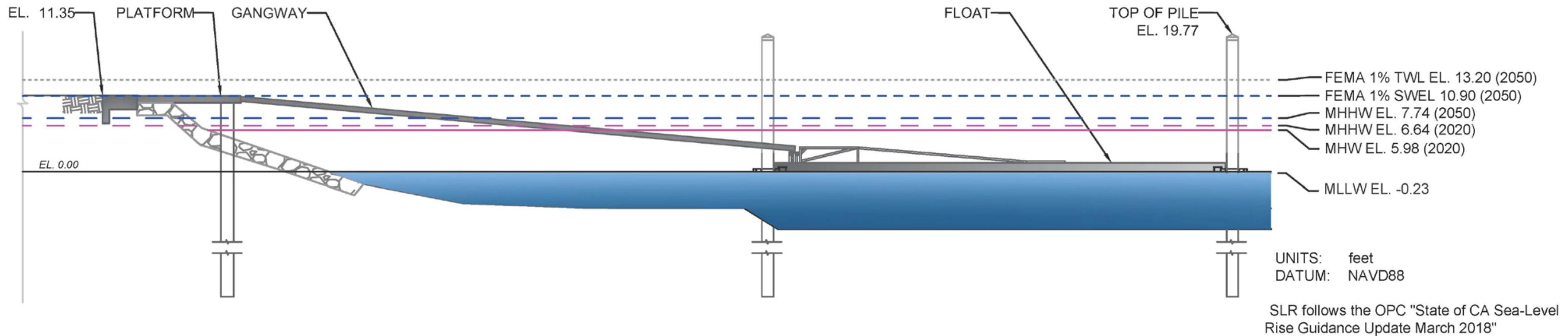
Ferry Landing Sea Level Rise



Mission Bay Ferry Landing - Sea Level Rise through 2070 Design Life based on OPC High Emissions Scenario

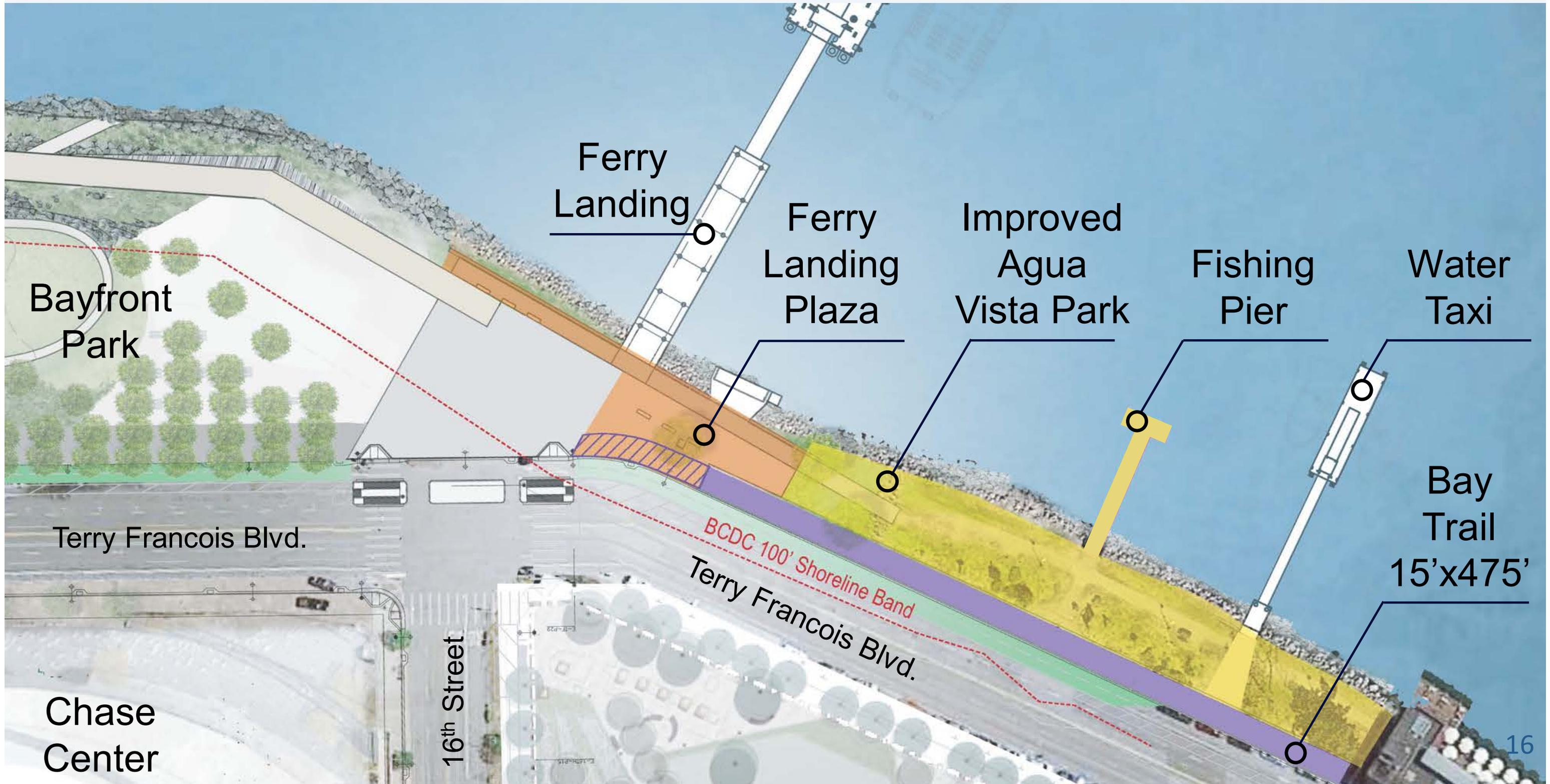


Water Taxi Landing Sea Level Rise



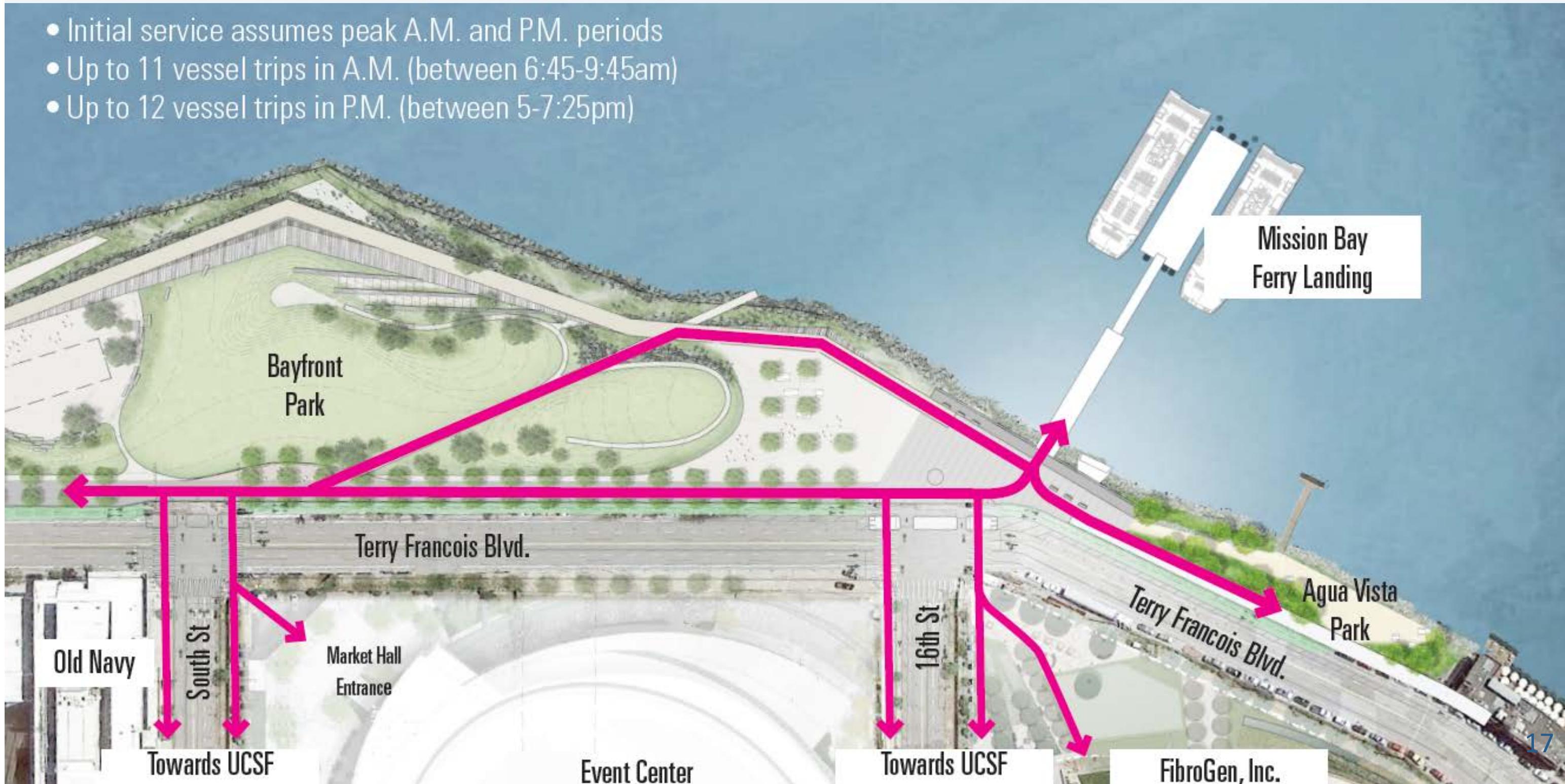
Water Taxi Landing - Sea Level Rise through 2050 Design Life based on OPC High Emissions Scenario

Public Access

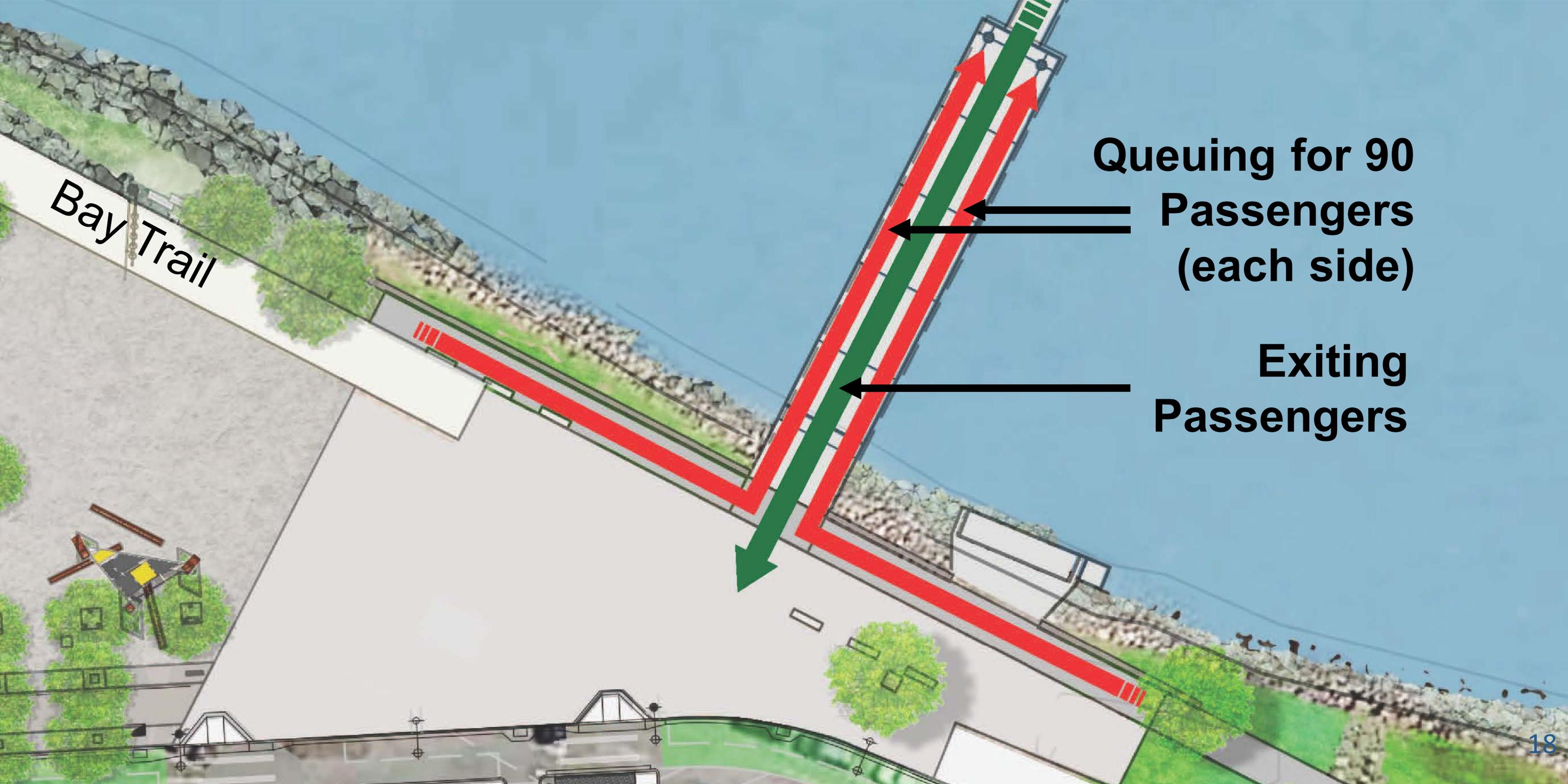


Passenger Circulation

- Initial service assumes peak A.M. and P.M. periods
- Up to 11 vessel trips in A.M. (between 6:45-9:45am)
- Up to 12 vessel trips in P.M. (between 5-7:25pm)



Passenger Queuing



View from Water



View Looking towards Ferry Landing Entrance



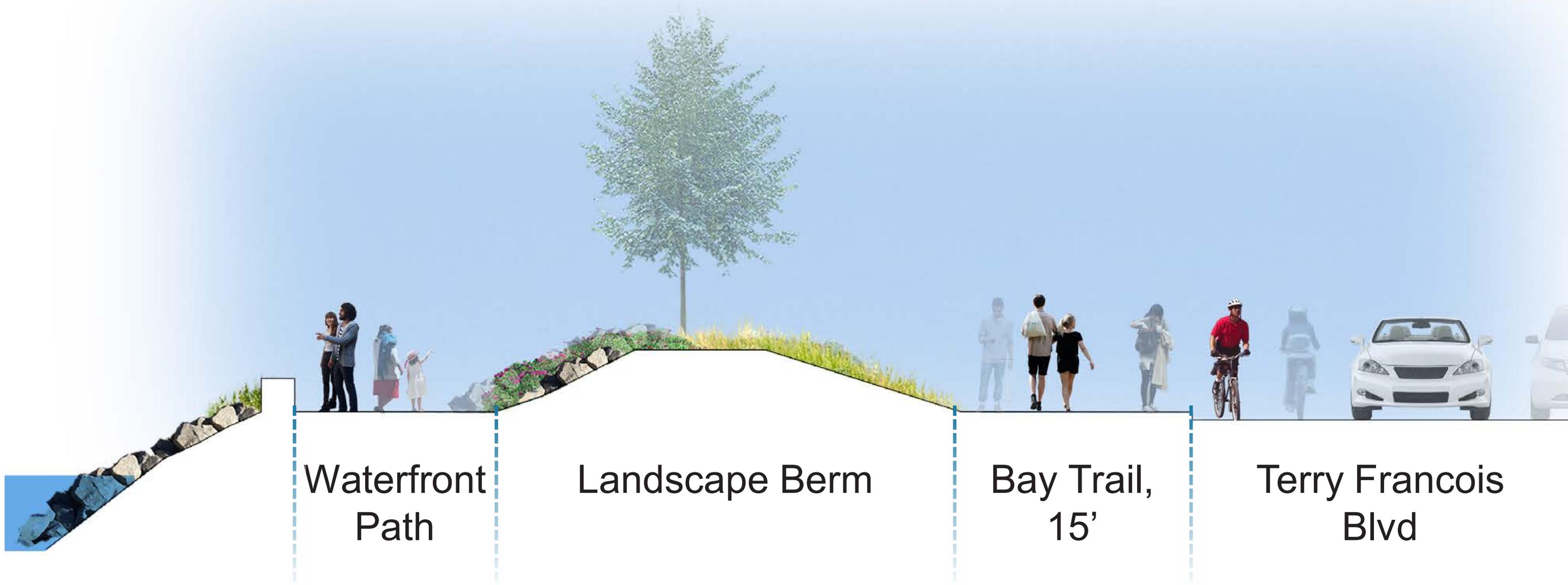
View Looking towards 16th Street Plaza



Agua Vista Park Improvements



Agua Vista Park Section



Project Permits and Regulatory Authorizations

- CEQA - Mitigated Negative Declaration, July 2018.
- Dredge Material Management Office, Dec 2017.
- CA Dept Fish & Wildlife - Incidental Take Permit, August 2018.
- National Marine Fisheries Service – Marine Mammal Incidental Harassment Authorization, October 2018.
- NOAA – Sound and Marine Mammal Monitoring Plan, January 2019.
- National Marine Fisheries Service – Endangered Species Act Concurrence Letter and Essential Fish Habitat Response, August 2019.
- SF Regional Water Quality Control Board – Clean Water Act Section 401 Water Quality Certification, Oct 18, 2019.
- **BCDC Project Permit, anticipated Dec 2019.**
- U.S. Army Corps of Engineers - Clean Water Act Section 404 and Rivers and Harbors Act Section 10 Individual Permit, anticipated Jan 2020.

Construction Schedule



Schedule is dependent on the in-water work window for dredging and pile driving – June 1 through November 30.

