



# San Francisco Fireboat Station 35 BCDC Permit Application No. 2018.002.00

Applicants: San Francisco Public Works, San Francisco Fire Department, and  
Port of San Francisco

April 4, 2019

# Project Location



# Proposed Fireboat Station



## WATER PERSPECTIVE



Exhibit 12



# Issues Raised

McAteer-Petris Act, Bay Plan, and SF Waterfront Special Area Plan Policies related to:

- Bay Fill
- Public Access
- Bay Views
- Sea Level Rise & Flooding

# Bay Fill



## Proposed New Bay Fill

- 20,464 Square Feet and 66 Cubic Yards – Fireboat Station, Float, Access, and Support Uses
- 1,800 Square Feet and 16 Cubic Yards – Public Observation Deck

## Proposed Fill Removal

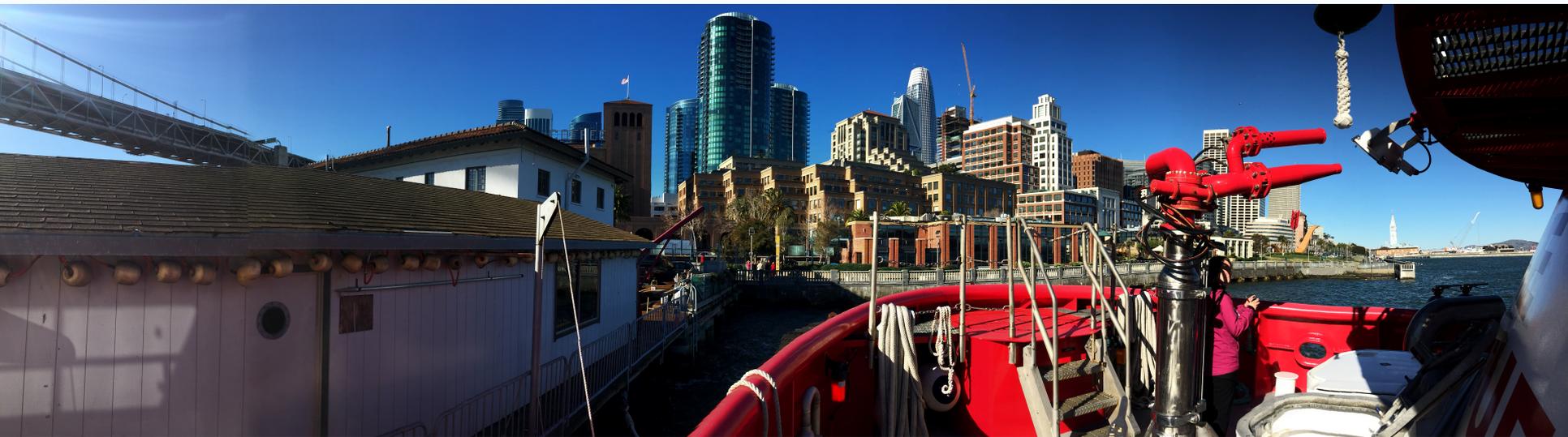
- 6,100 Square Feet and 36 Cubic Yards – On-Site (North Finger Pier, South Parking Lot)
- 17,862 Square Feet and 197 Cubic Yards – Off-Site (Pier 70, Pier 70 Wharf 8)

Net Fill: 1,698 Square Feet and 151 Cubic Yards Removed

# Bay Fill



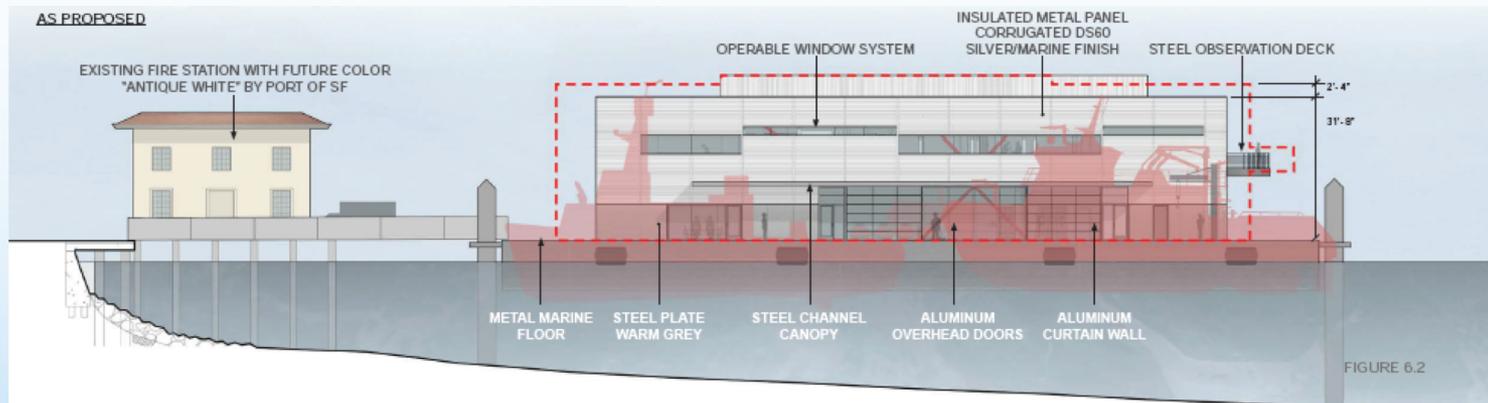
- Minor floating fill for water transportation uses?
- Water-oriented use?
- Public benefit v. detriment?



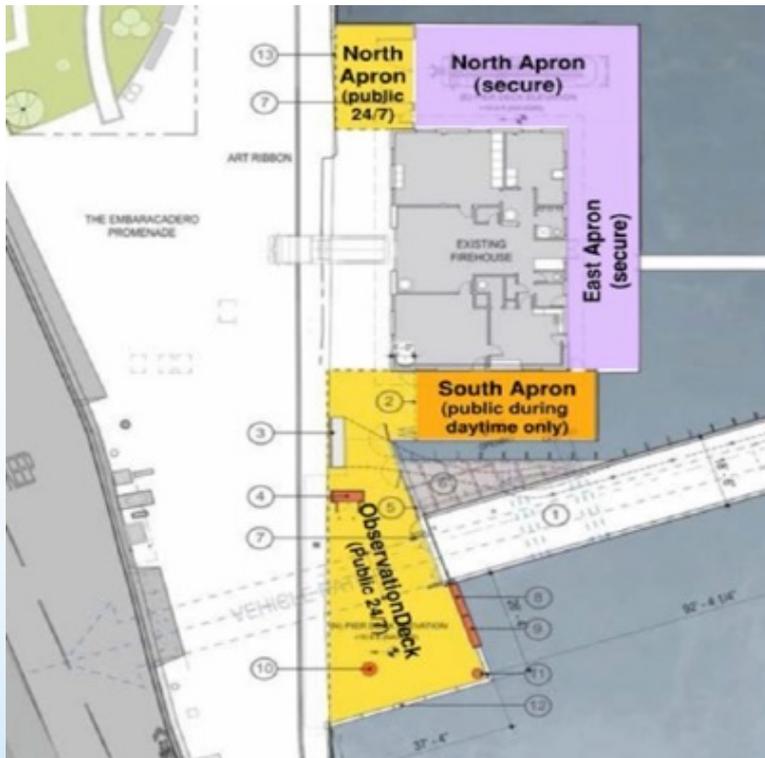
# Bay Fill



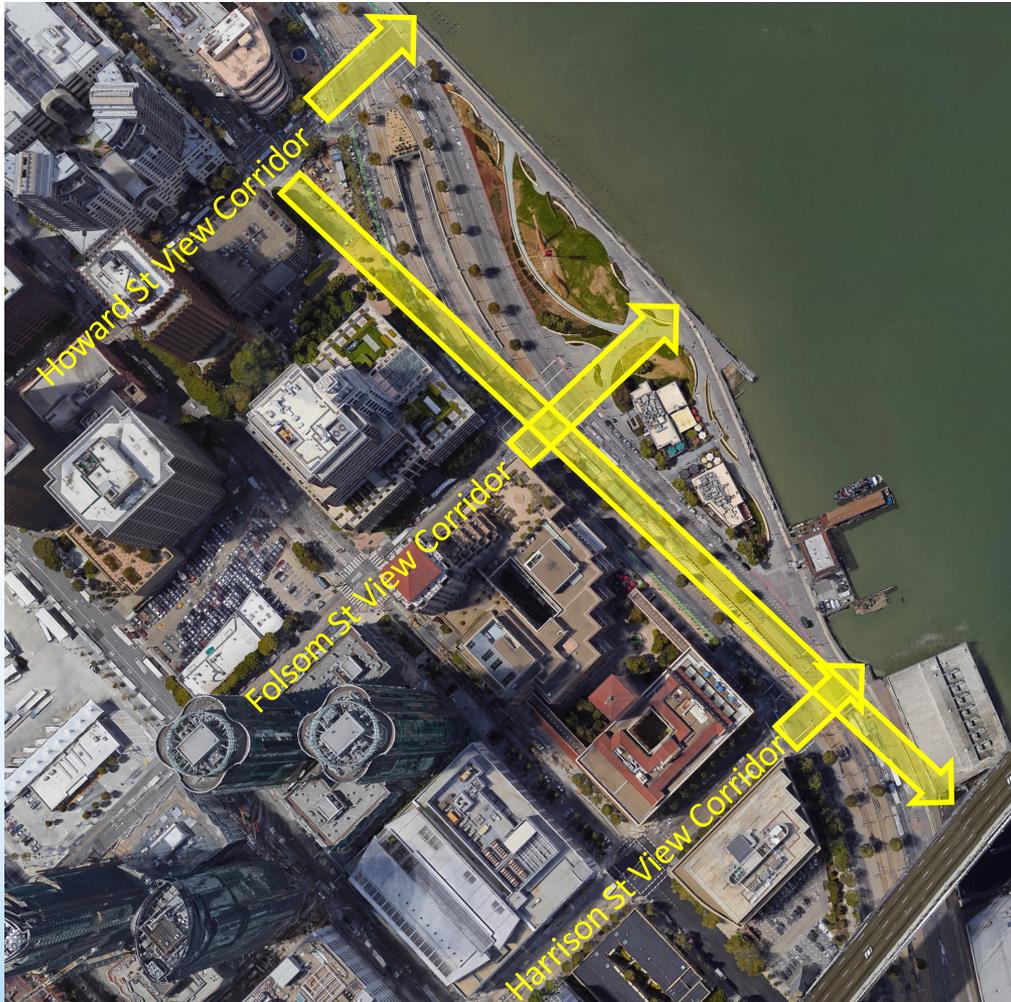
- No alternative upland location?
- Minimum fill necessary?



# Public Access



# Bay Views



# Sea Level Rise



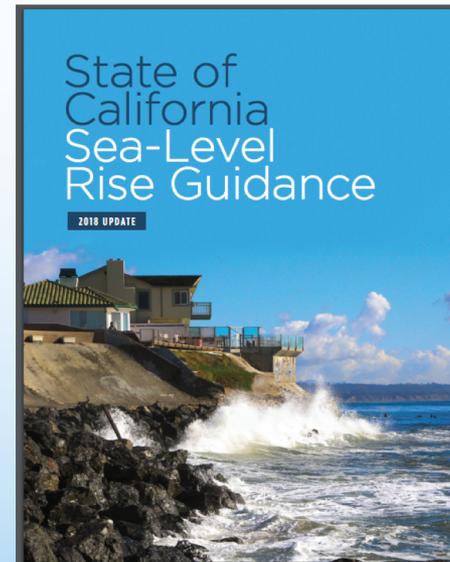
- Fireboat Station would rise and fall on guide piles
- Public access and land-side connections for access ramp & gangway are at fixed elevations
  - 2050: Intermittent flooding in extreme storms
  - 2070 low-emissions: 2.4 inches to 2.5 feet
  - 2070 high-emissions: 3.7 inches to 2.9 feet



Varies based on storm event, high/low points of sloped areas



**Figure 1: Example Removable Flood Barrier; photo courtesy Flood Control International**





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