

# Potrero Power Plant Remediation Site - San Francisco, California

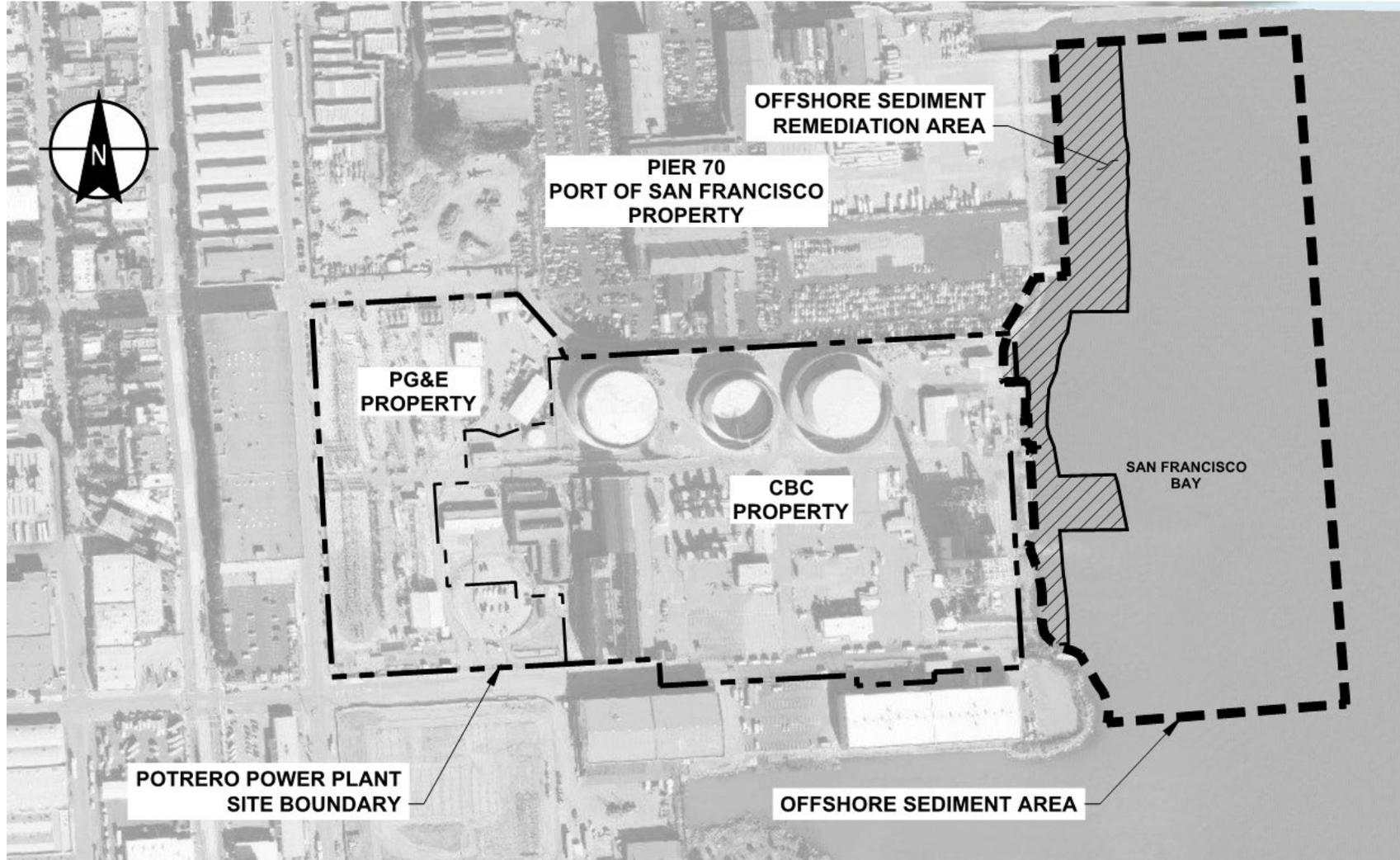
George Hicks

WEDA Pacific Chapter Meeting, San Francisco

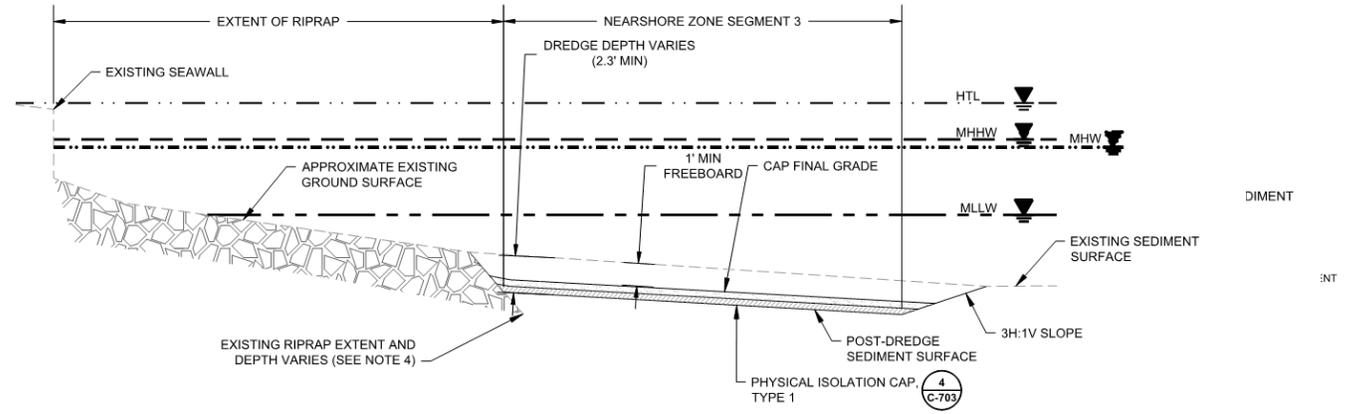
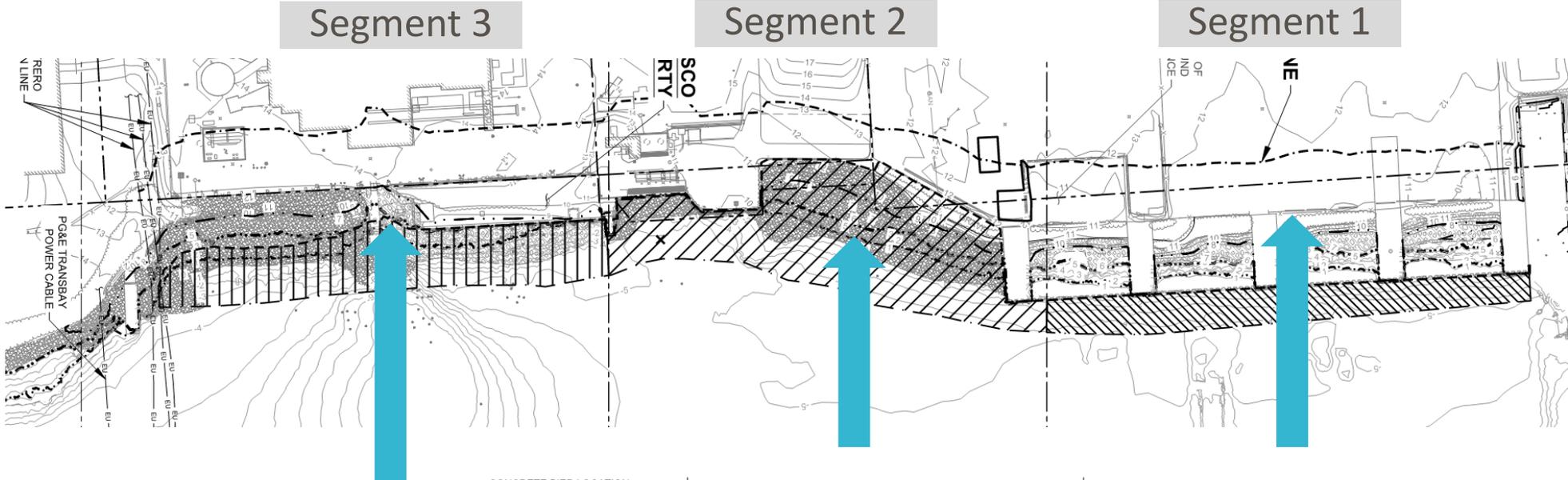
10/28/2022



# Potrero Remedial Area - 2019



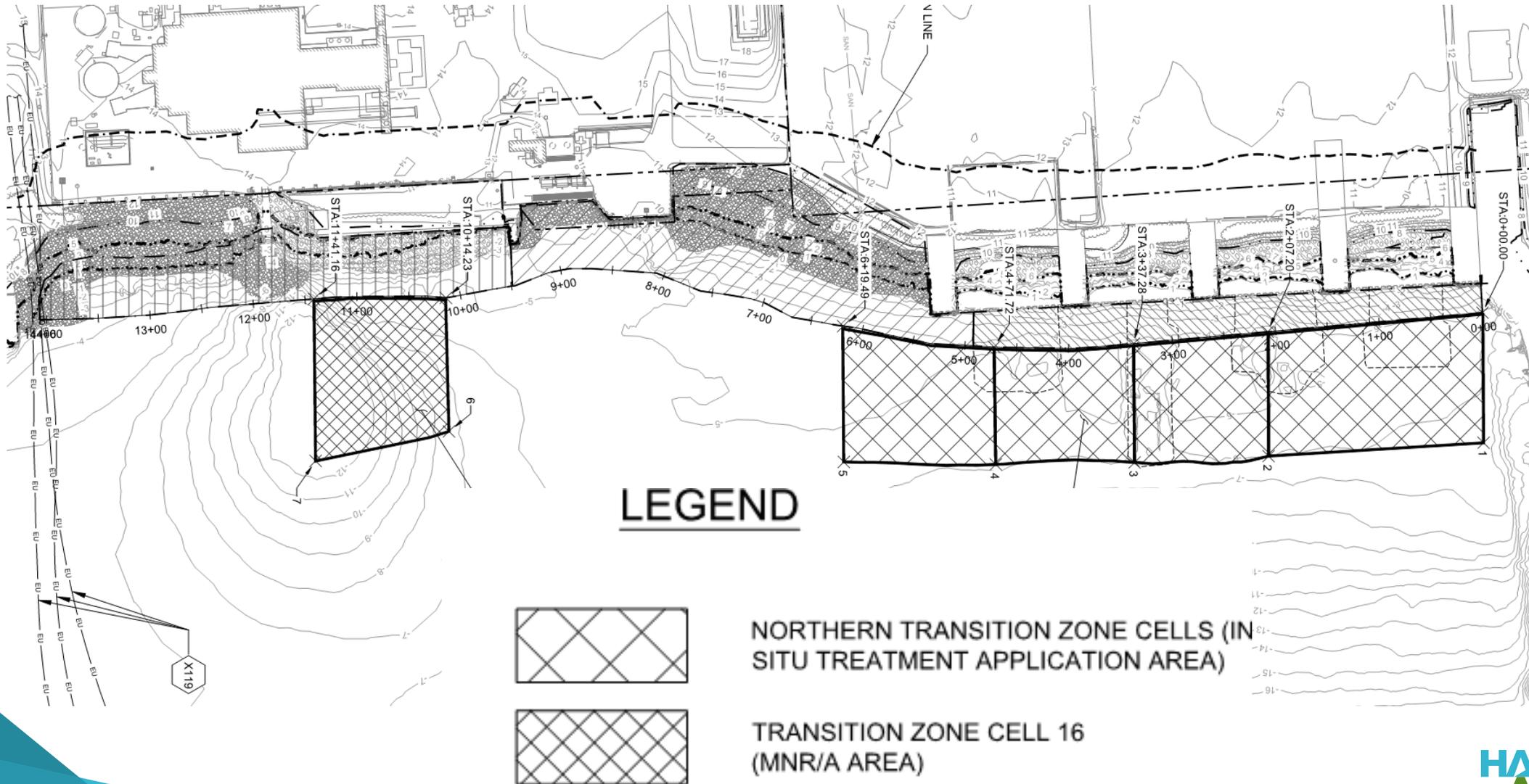
# Potrero Remedy Scope



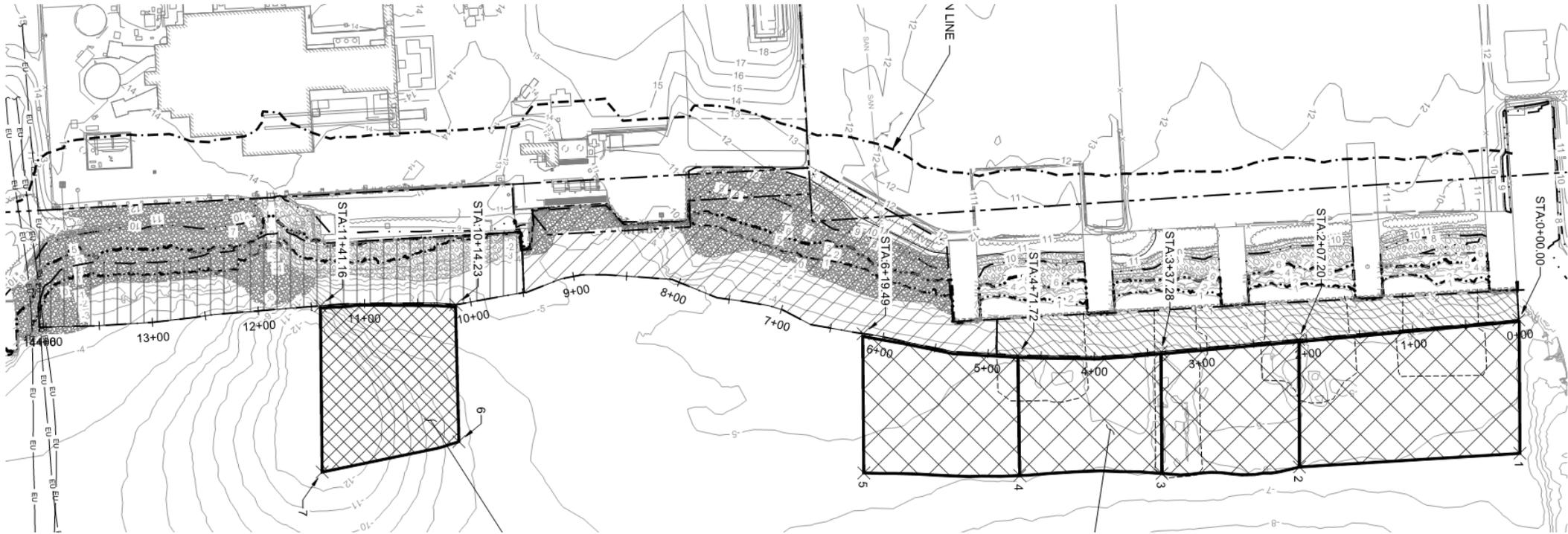
Segment 3  
Isolation Cap  
Section

**3** SEGMENT 3 TYPICAL SECTION  
SCALE: NTS

# Potrero Remedy Scope (Cont.)

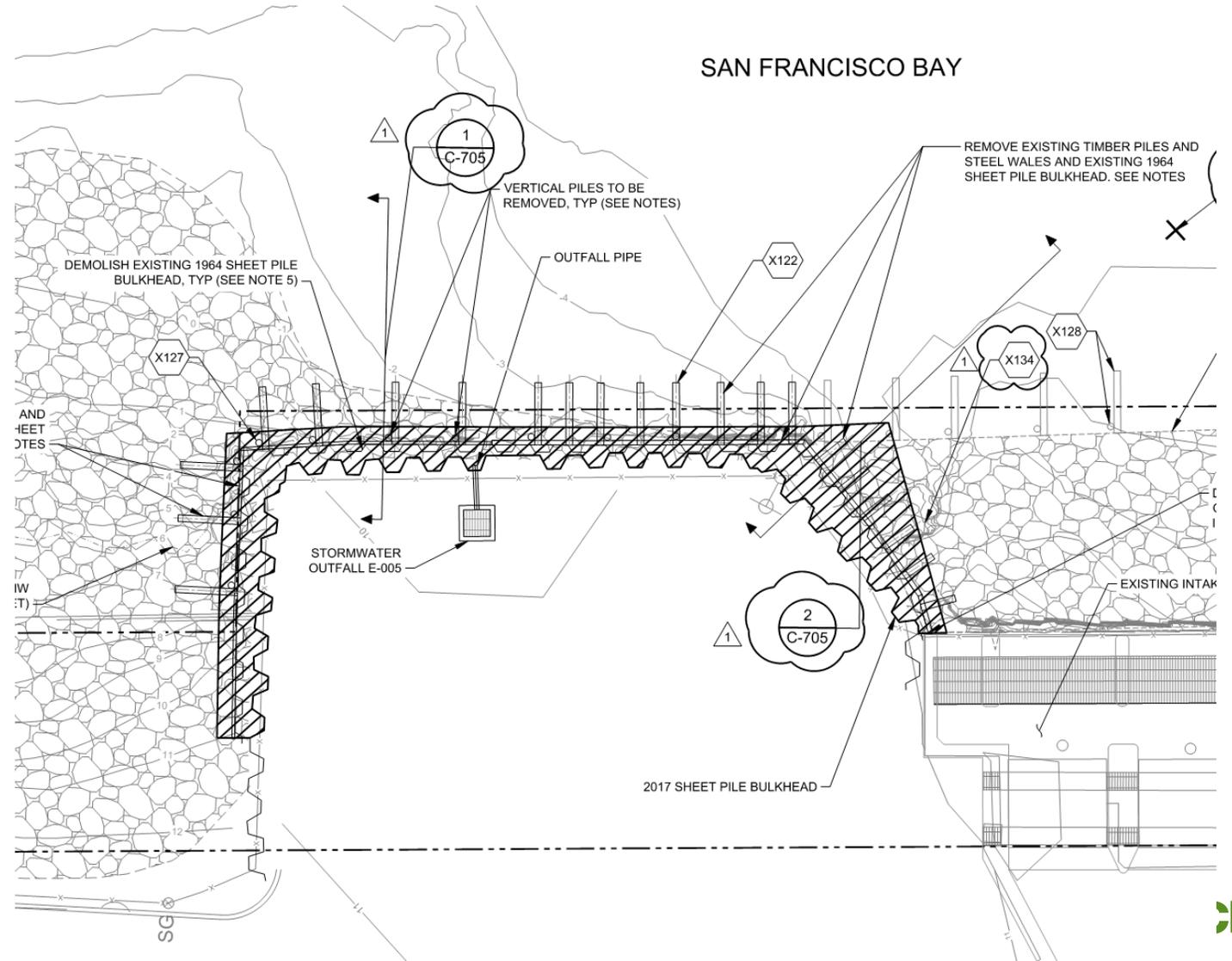


# Potrero Remedy Scope (Cont.)

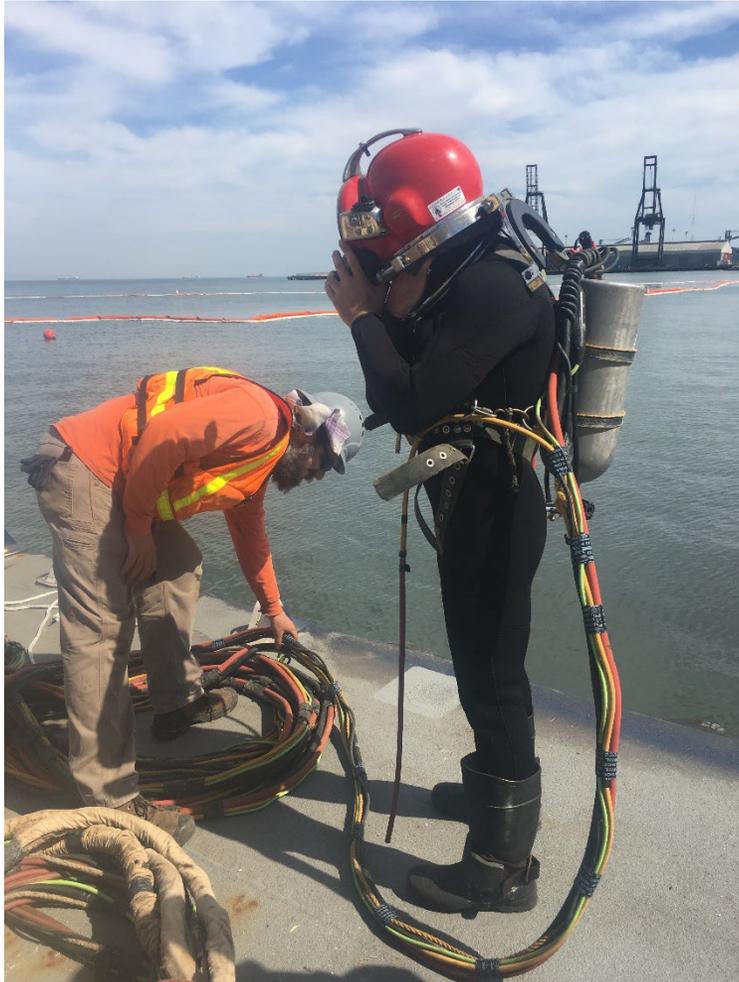


- Total Dredge = 7,600 cy
- Total Cap = 1.5 ac
- Total In-Situ Treatment = 1.7 ac

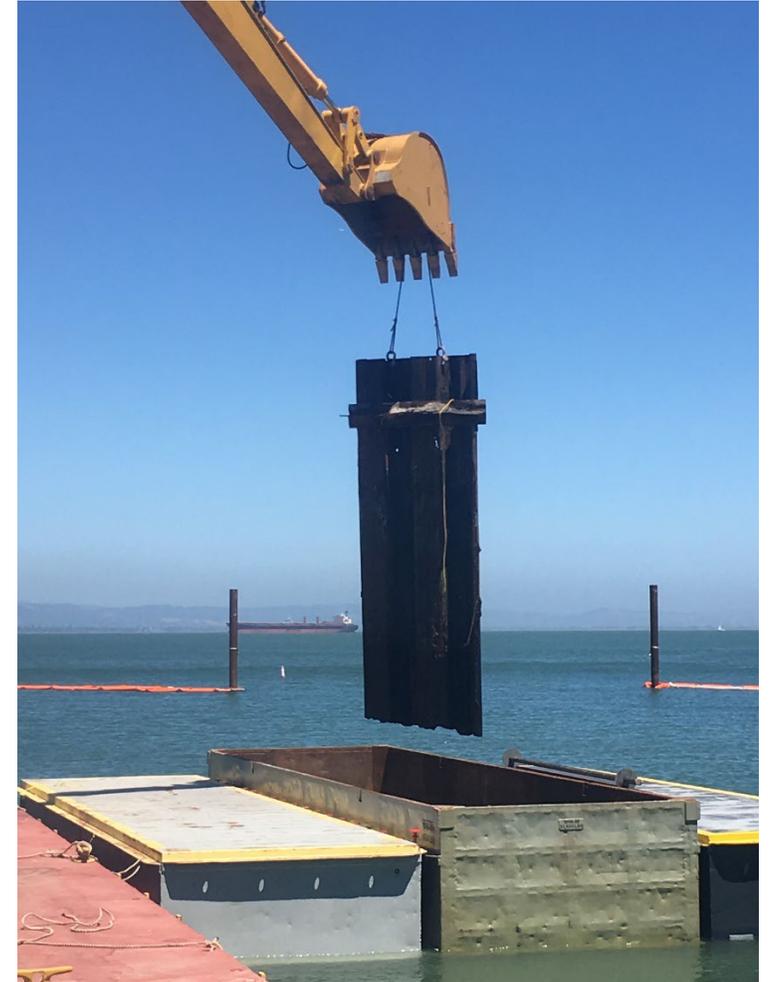
# Removal of Existing (original) Bulkhead



# Commercial Divers to Cut Sheet Pile Off Below Mudline



# Pulling Cut Sheet Pile



# Revetment; Debris and Contaminated Sediment Removal



# Placement of Reactive Core Mat (RCM) Layer on Revetment



# Placing Armor Rock on RCM



# Completed Revetment



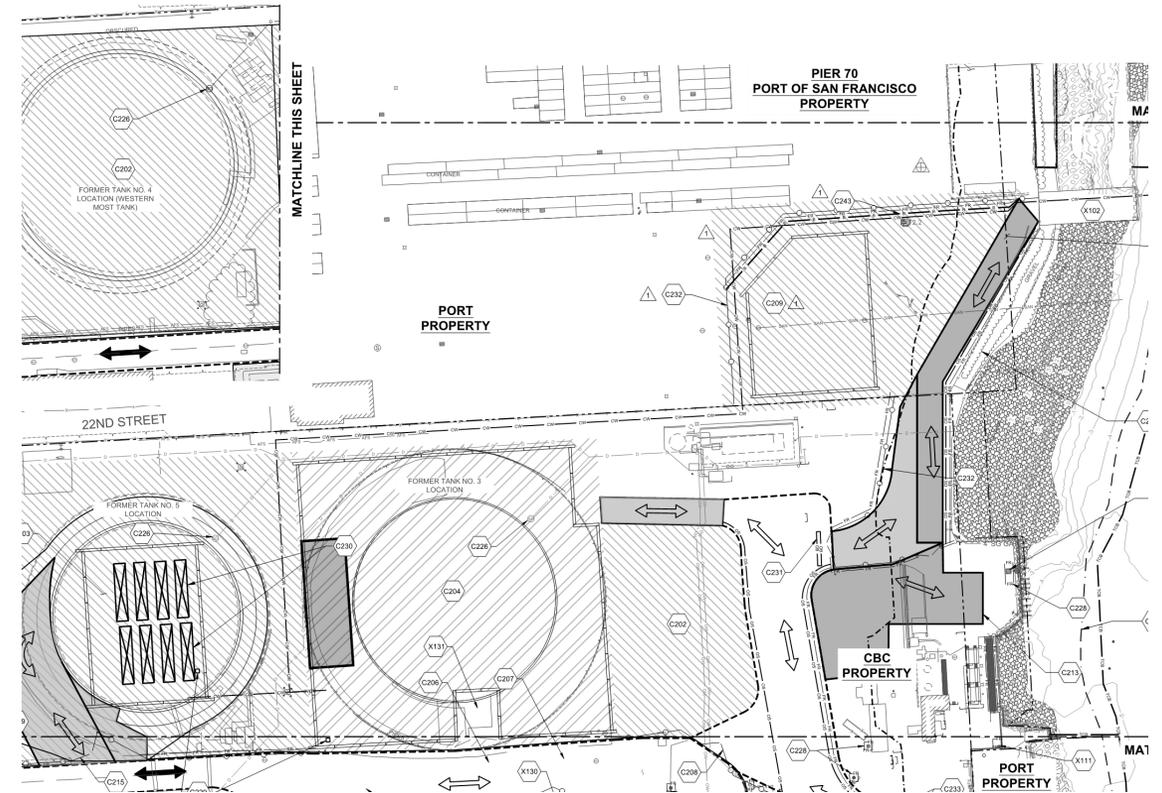
# Dredging Offshore



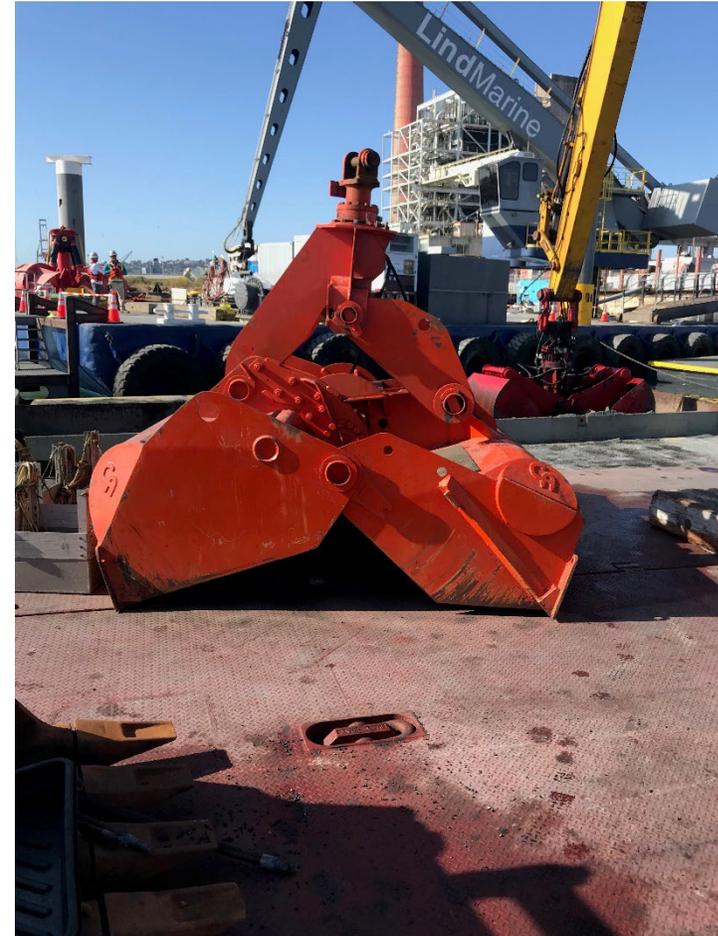
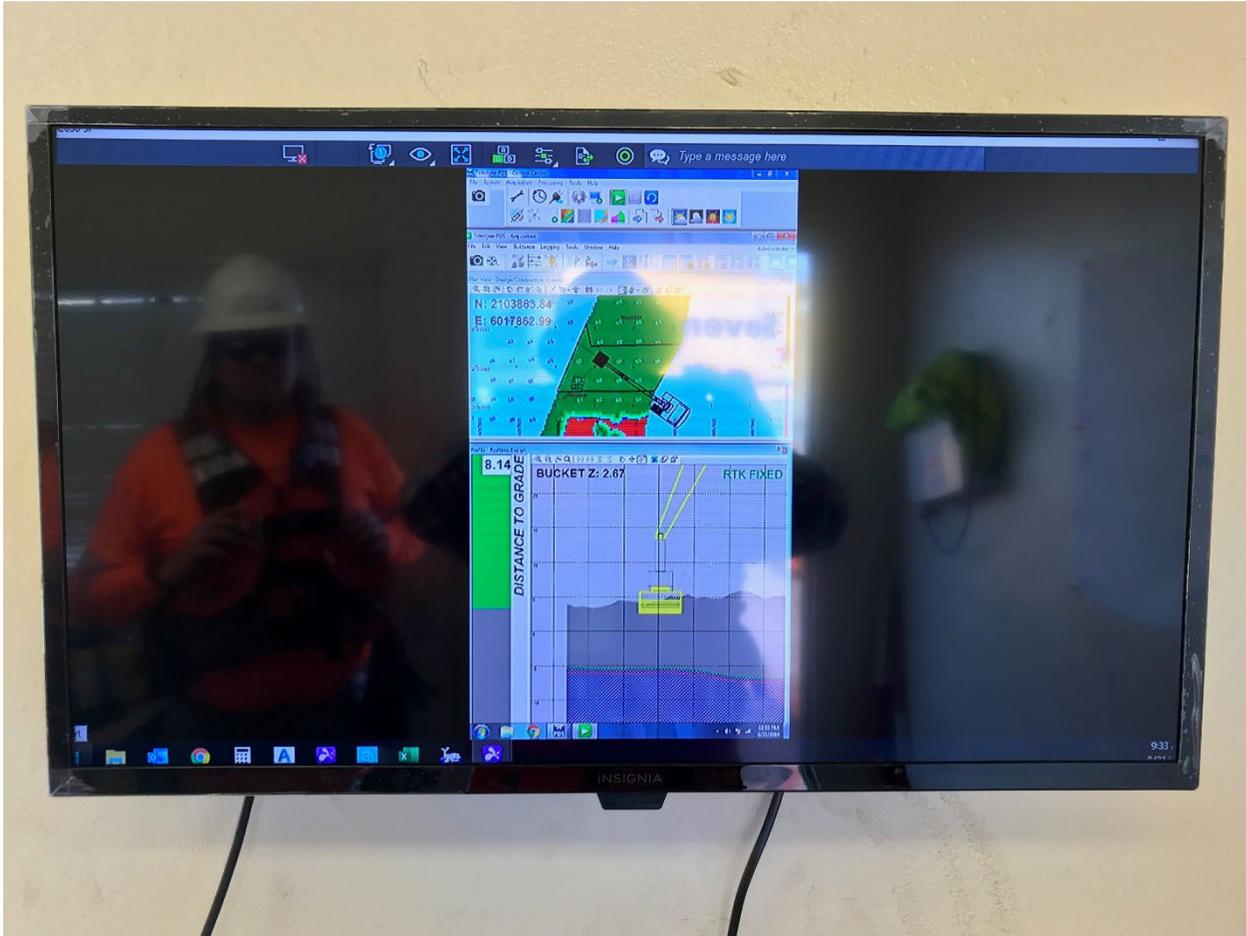
# Transferring Dredged Material from Material Scows to Trucks with the E- Crane



# Processing Dredged Material



# Cap Installation



# Cap Installation



# Measurement and Monitoring

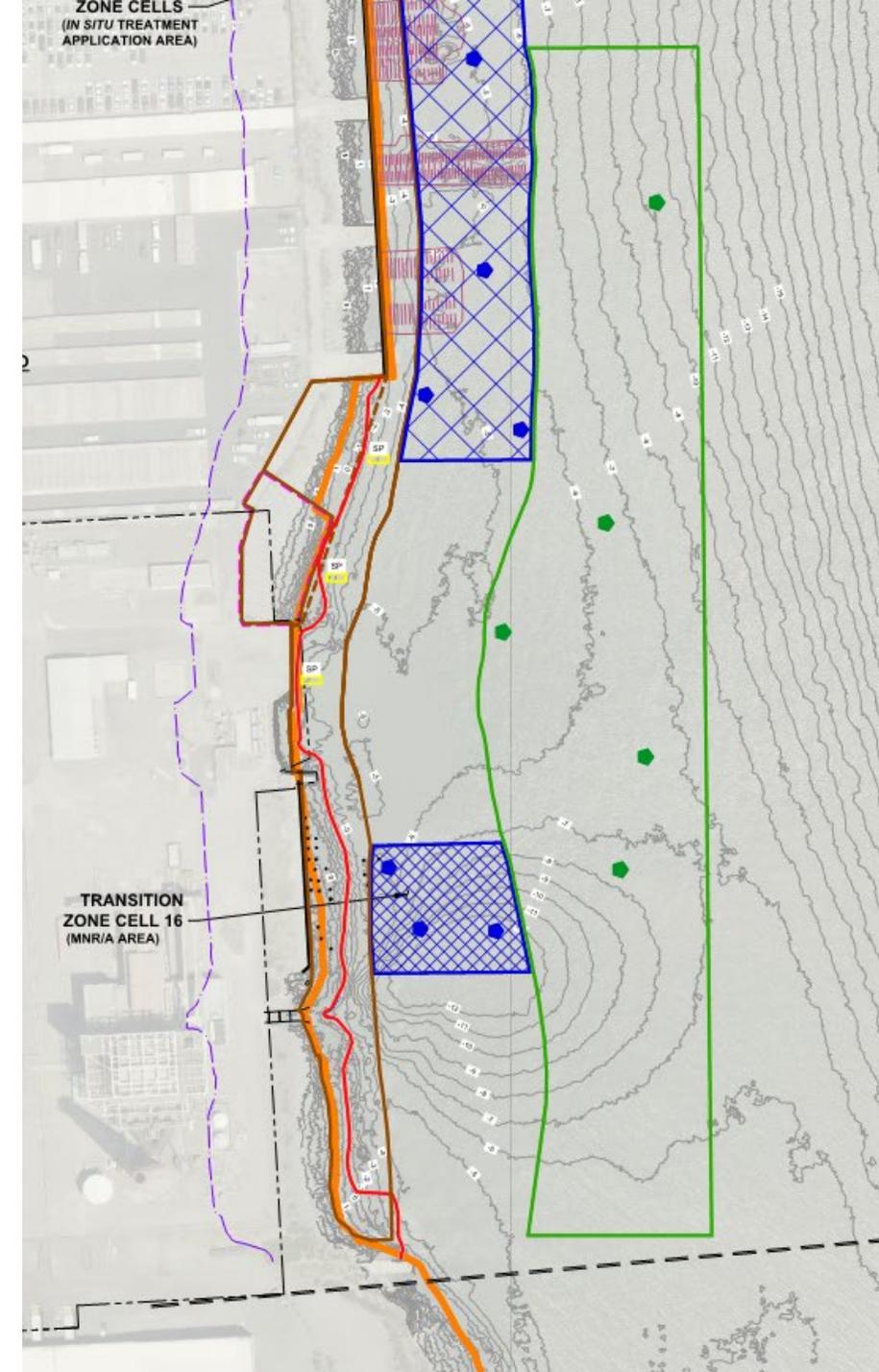


# Settlement Plate Installation



# Risk Management and Monitoring Plan (RMMP)

- **After Completion of Construction**
  - Documentation of Cap Layer Thickness
  - Installation of Settlement Plates
  - Post Construction Bathymetric Survey
- **Post-Construction**
  - Bioaccumulation Test (ex situ) in Northern Transition Zone, Cell 16, and Ambient Area in Years 1, 3, and 5
  - Bathymetric Survey and Cap Settlement / Sedimentation Survey in Years 1 through 5
- **Upset Condition**
  - Bathymetric Survey and Cap Settlement / Sedimentation Survey within 6 months after upset condition **beyond year 5**



# ACE Safety Award

- Interactive tailgate meetings addressing equipment hazards
- Quick, thorough response to security threat



QUESTIONS?

