


User: Eli Popovich | Map location: L:\Projects\Port of Oakland_Permitting\Maps\Map\Map_Figure1_Vicinity_Map.mxd

Figure 2. 2023 Port of Oakland Jurisdictional Delineation Map

Page 1 of 5





U.S. Army Corps of Engineers
San Francisco District
Regulatory Division

Preliminary Jurisdictional Determination
Pursuant to Section 404 Clean Water Act and
Section 10 Rivers and Harbors Act

Port of Oakland, Oakland International Airport,
City and County of Alameda, California


----- Study Area Boundary

Accurate as depicted in legend


File ID: 2000-252600S

Date: February 13, 2024


Sheets 5




Monitoring Well




Sample Points



Study Area




Mean High Water (6.34 ft)*




High Tide Line (7.44 ft)*


Areas Subject to USACE Jurisdiction




Wetlands (tidal) Subject to Section 404 and Section 10 (20.86 AC)




Other Waters (tidal) Subject to Section 404 and Section 10 (24.15 AC)



Wetlands (non-tidal) Subject to Section 404 (293.26 AC)




Other Waters (non-tidal) Subject to Section 404 (153.85 AC)




Wetlands in Caltrans Property Area

Note: Although Doolittle Drive is included within the Study Area, it is owned by Caltrans. A portion of the Tidal Wetland on the south side of Doolittle Drive between Harbor Bay Parkway and Old Earhart Road and the majority of the Non-Tidal Wetlands along the roadside ditches of Doolittle Drive are owned by Caltrans (approximately 4,345 linear feet from north to south). On the Bay side of Doolittle Drive (i.e., north side of Doolittle Drive), Caltrans property extends into the Bay in some areas.



N

Spatial Reference:
Name: NAD 1983 2011
StatePlane California III FIPS
0403 Ft US
Map Units: Foot US
Scale: 1:7,300
*Vertical Datum: NAVD88 (ftUS)



San Francisco Bay Area

Figure 2. 2023 Port of Oakland Jurisdictional Delineation Map

Page 2 of 5

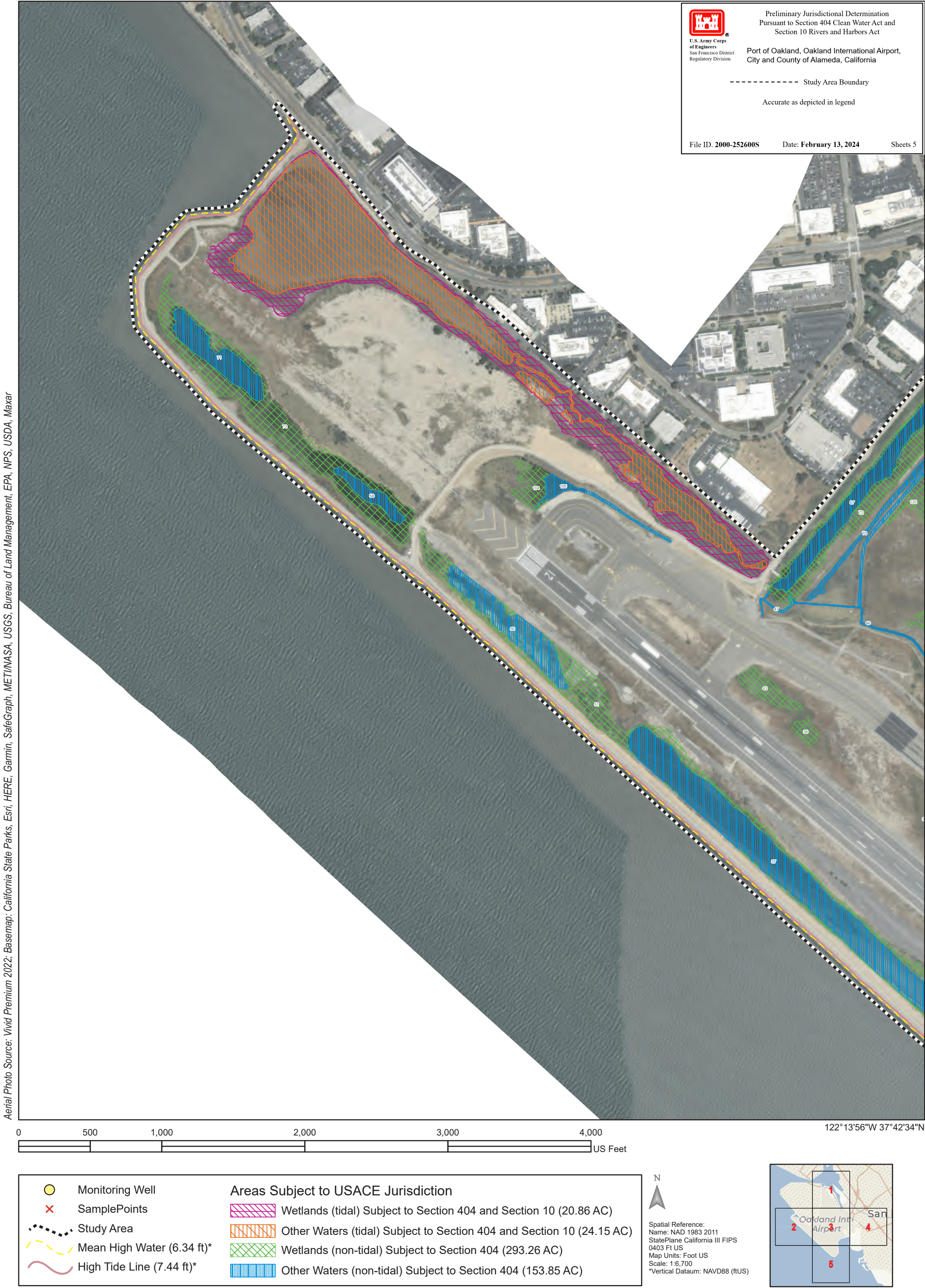


Figure 2. 2023 Port of Oakland Jurisdictional Delineation Map

Page 3 of 5




Note: Although Doolittle Drive is included within the Study Area, it is owned by Caltrans. A portion of the Tidal Wetland on the south side of Doolittle Drive between Harbor Bay Parkway and Old Earhart Road and the majority of the Non-Tidal Wetlands along the roadside ditches of Doolittle Drive are owned by Caltrans (approximately 4,345 linear feet from north to south). On the Bay side of Doolittle Drive (i.e., north side of Doolittle Drive), Caltrans property extends into the Bay in some areas.

Figure 2. 2023 Port of Oakland Jurisdictional Delineation Map

Page 4 of 5

Aerial Photo Source: Vivid Premium 2022; Basemap: California State Parks, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA, Maxar





U.S. Army Corps
of Engineers
San Francisco District
Regulatory Division

Preliminary Jurisdictional Determination
Pursuant to Section 404 Clean Water Act and
Section 10 Rivers and Harbors Act

Port of Oakland, Oakland International Airport,
City and County of Alameda, California

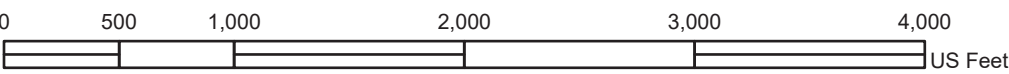
----- Study Area Boundary

Accurate as depicted in legend


File ID: 2000-252600S

Date: February 13, 2024


Sheets 5




122°10'40"W 37°42'21"N




Monitoring Well




Sample Points



Study Area




Mean High Water (6.34 ft)*




High Tide Line (7.44 ft)*


Areas Subject to USACE Jurisdiction




Wetlands (tidal) Subject to Section 404 and Section 10 (20.86 AC)




Other Waters (tidal) Subject to Section 404 and Section 10 (24.15 AC)



Wetlands (non-tidal) Subject to Section 404 (293.26 AC)



Other Waters (non-tidal) Subject to Section 404 (153.85 AC)



N

Spatial Reference:
Name: NAD 1983 2011
StatePlane California III FIPS
0403 Ft US
Map Units: Foot US
Scale: 1:9,800
*Vertical Datum: NAVD88 (ftUS)



Note: Although Doolittle Drive is included within the Study Area, it is owned by Caltrans. A portion of the Tidal Wetland on the south side of Doolittle Drive between Harbor Bay Parkway and Old Earhart Road and the majority of the Non-Tidal Wetlands along the roadside ditches of Doolittle Drive are owned by Caltrans (approximately 4,345 linear feet from north to south). On the Bay side of Doolittle Drive (i.e., north side of Doolittle Drive), Caltrans property extends into the Bay in some areas.

Figure 2. 2023 Port of Oakland Jurisdictional Delineation Map

Page 5 of 5

Aerial Photo Source: Vivid Premium 2022; Basemap: California State Parks, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA, Maxar



Monitoring Well

SamplePoints

Study Area

Mean High Water (6.34 ft)*

High Tide Line (7.44 ft)*

Areas Subject to USACE Jurisdiction

Wetlands (tidal) Subject to Section 404 and Section 10 (20.86 AC)

Other Waters (tidal) Subject to Section 404 and Section 10 (24.15 AC)

Wetlands (non-tidal) Subject to Section 404 (293.26 AC)

Other Waters (non-tidal) Subject to Section 404 (153.85 AC)

N

Spatial Reference:
Name: NAD 1983 2011
StatePlane California III FIPS
0403 Ft US
Map Units: Foot US
Scale: 1:8,400
*Vertical Datum: NAVD88 (ftUS)

Note: Although Doolittle Drive is included within the Study Area, it is owned by Caltrans. A portion of the Tidal Wetland on the south side of Doolittle Drive between Harbor Bay Parkway and Old Earhart Road and the majority of the Non-Tidal Wetlands along the roadside ditches of Doolittle Drive are owned by Caltrans (approximately 4,345 linear feet from north to south). On the Bay side of Doolittle Drive (i.e., north side of Doolittle Drive), Caltrans property extends into the Bay in some areas.

Huffman-Broadway Group, Inc.
ENVIRONMENTAL REGULATORY CONSULTANTS

Figure 3. Routine Maintenance at Oakland International Airport

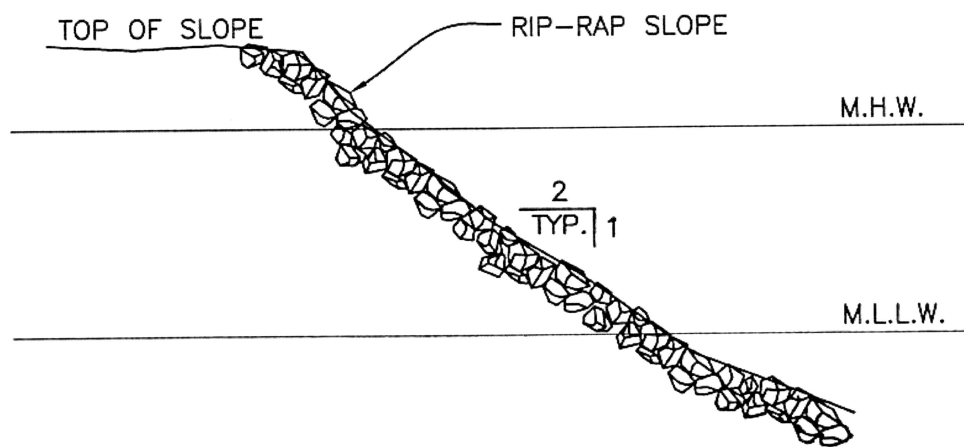
Facilities/Structures	Description	Specific Location (Refer to Figure 4 for Basin #)	Anticipated 2013-2018 Schedule¹
Drainage Channels/Ditches	Excavate/remove vegetation ² and sediment to clear out channels/ditches that may constrict flows.	North Field Channels within Basins: 24, 27, 33, 51, 52, 60, 61, 70, and 76	February to July
		South Field Channels within Basins: 1 to 16, 16a to 16c, 17 to 24, 27, and 66	August to January
Culverts	Clean out culverts. Remove vegetation, sediment, and debris. Repair or replace structures such as corrugated metal or concrete pipe to prevent constriction of flow.	Culverts associated with drainage channels/ditches.	As-needed
Pump houses and Discharge Pipes	Remove material/sediment around/in pump basin to prevent constriction of flow and to allow for efficient use of pumps.	Pump house 1, 2, 4, and 6	As-needed
Intake/Outfall Structures	Clear and/or clean tide flap gates to remove debris and sediment from accumulating at the opening of the structures.	Outfalls from Pumphouse 1, 2, 4 and 6, and near tidal lagoon	As-needed
Rip rap repair	Allows for the placement of up to 100 cubic yards annually to repair existing rip rap that has sloughed off from the perimeter dike to prevent damage from a storm event or wave action.	South Field perimeter dike below mean high water and high tide lines	As-needed

¹ Monthly schedule subject to change due to emergencies or other priorities.

² Vegetation to be removed is anticipated to be non-native such as pampas grass.



Alameda County



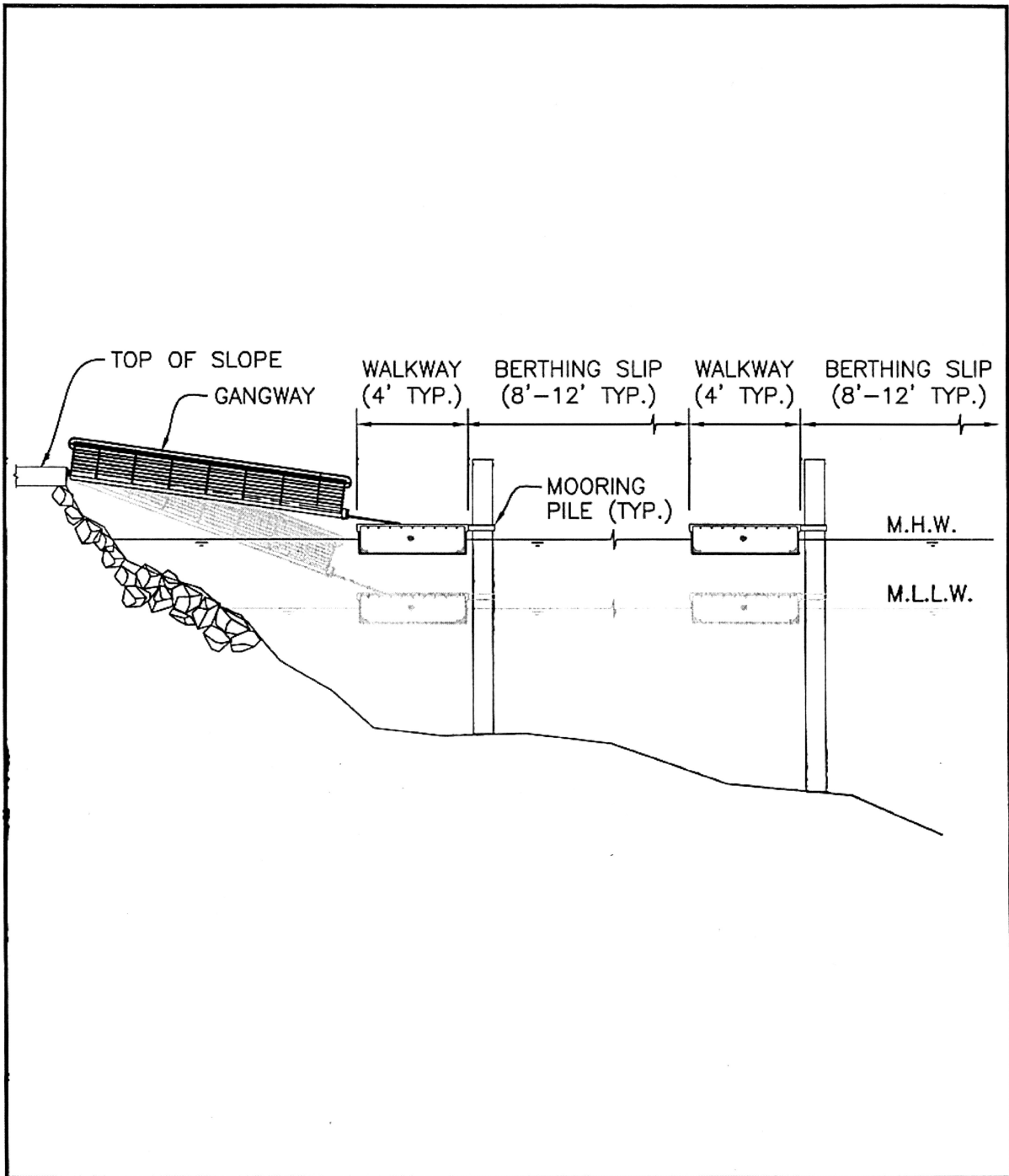
TYPICAL BANK SECTION

SCALE: 1"=40'

Purpose: Port Maritime Facilities Maintenance

Port of Oakland

Alameda County



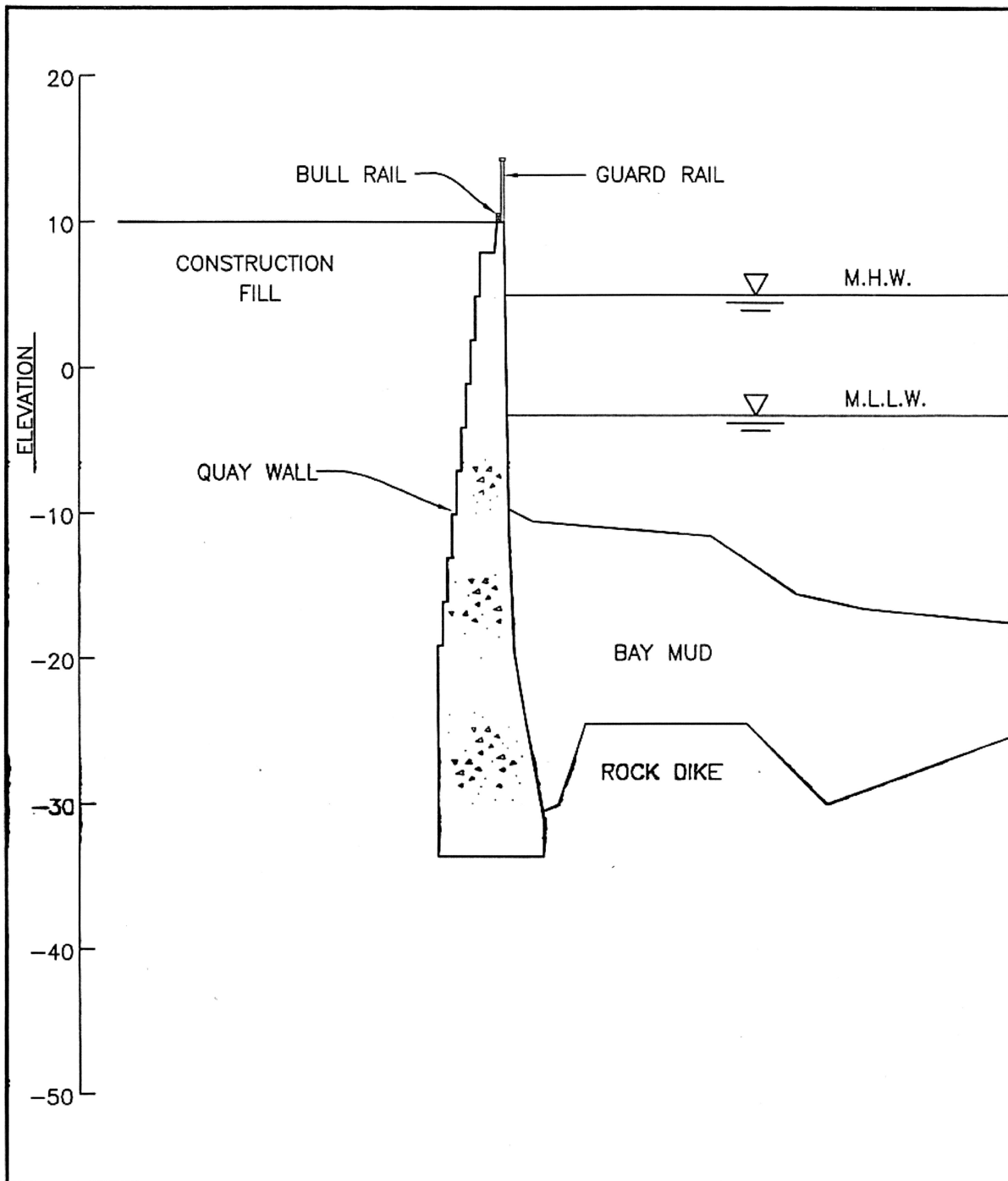
TYPICAL SECTION @ MARINA

NTS

Purpose: Port Maritime Facilities Maintenance

Port of Oakland

Alameda County



TYPICAL BULKHEAD WALL SECTION

NTS

Purpose: Port Maritime Facilities Maintenance

Port of Oakland

Alameda County