

ATTACHMENT 1

**Waste Discharge Requirements
and
Water Quality Certification
Oak to Ninth Project
City of Oakland, Alameda County**

**Project Site Location, Existing Project Site Conditions,
and Proposed Project Site Conditions**



LSA

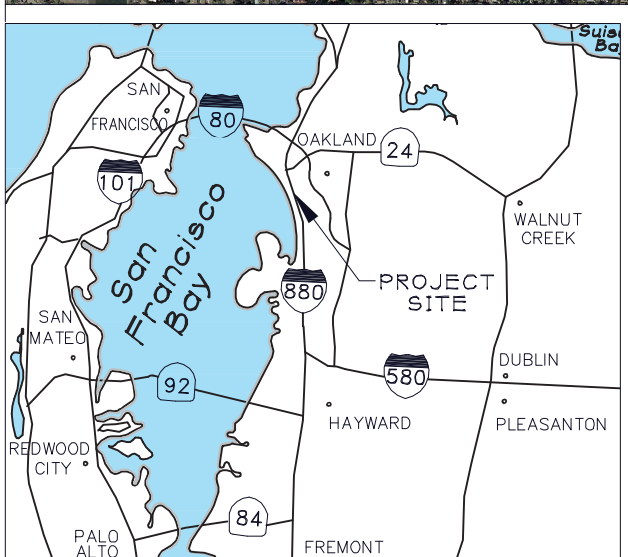


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Attachment 1, Figure 1

Oak to Ninth Avenue Project
Alternatives Analysis
Regional Location

OAK TO NINTH AVENUE PROJECT
401 WATER QUALITY CERTIFICATION



GRAPHIC SCALE



Attachment 1, Figure 2



ENGINEERS / SURVEYORS / PLANNERS

255 SHORELINE DRIVE, SUITE 200
REDWOOD CITY, CA 94065
650/482-6300
650/482-6399 (FAX)

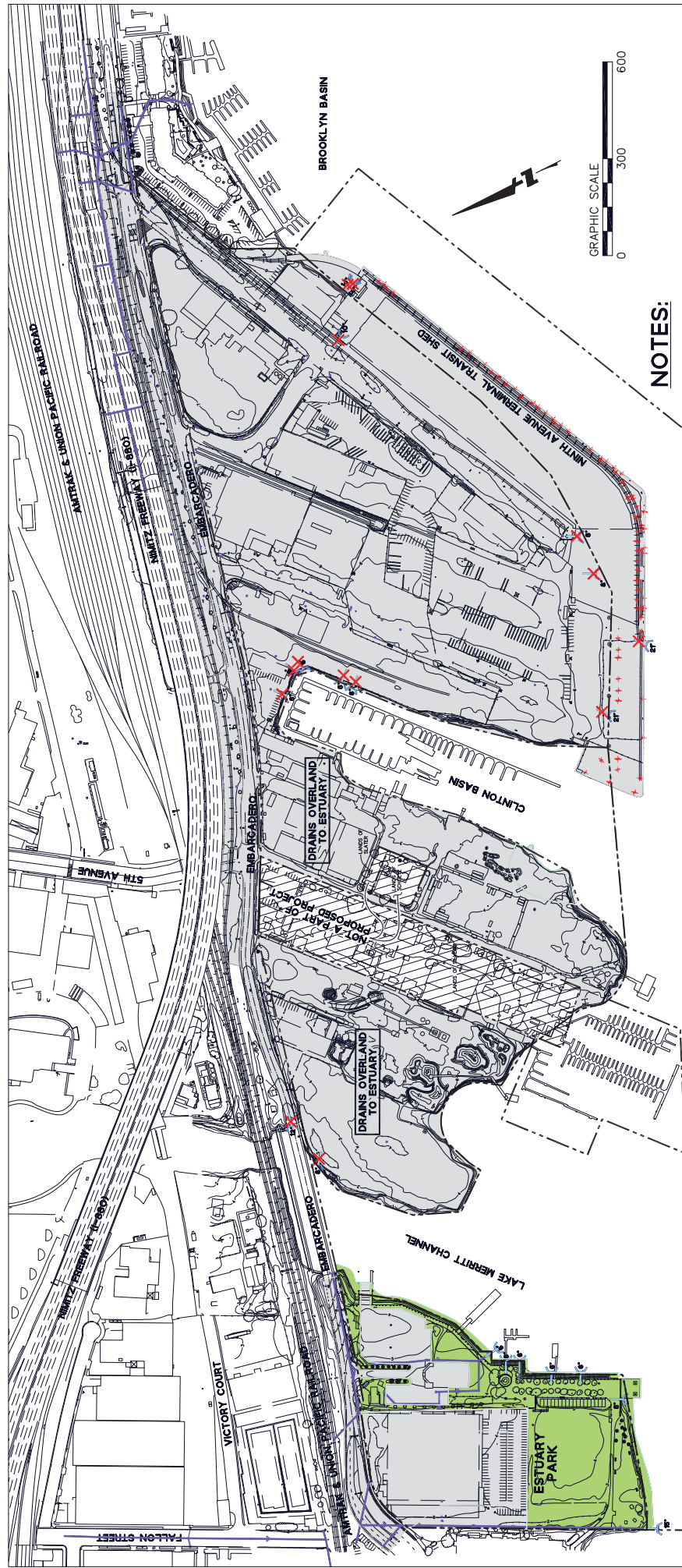


SHORELINE HABITATS	JURISDICTIONAL FEATURES	OTHER HABITAT TYPES *
—○— Eroding Fill xxxxx Rip-rap ===== Concrete Bank ~~~~~ Cordgrass Stand Sandy Shores ooooo Approximate Shoreline Under Pier	○ Seasonal Pool —>— Culvert --- Ditch	Non-native Grassland or Ruderal □ Barren

* All Other Areas within the Project Boundary are Developed or Landscaped Areas.

Attachment 1, Figure 3

Oak to Ninth Avenue Project
 Alternatives Analysis
 Existing Habitats and Jurisdictional Features



NOTES:

- 1) DATE OF AERIAL TOPOGRAPHIC SURVEY: 09-19-02 BY AERO GEODETIC CORP.
- 2) THE UTILITIES SHOWN ON THIS PLAN ARE DERIVED FROM RECORD DATA AND/OR SURFACE OBSERVATION AND ARE APPROXIMATE ONLY. ACTUAL LOCATION AND SIZE, TOGETHER WITH PRESENCE OF ANY ADDITIONAL UTILITY LINES NOT SHOWN ON THIS PLAN, SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR DURING CONSTRUCTION.

Attachment 1, Figure 4

EXISTING CONDITION



255 SHORELINE DRIVE
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ENGINEERS / SURVEYORS / PLANNERS

OAKLAND ESTUARY



EXISTING OUTFALLS IN CLINTON BASIN



**OPEN DRAIN TROUGH
PIER SURFACE TO ESTUARY**



**VIEW OF PIER SHOWING
MULTIPLE OPEN DRAINS**

LEGEND

- | | |
|---|--|
|  | EXISTING PERVIOUS AREA |
|  | EXISTING IMPERVIOUS AREA |
|  | EXISTING BOUNDARY |
|  | OUTPARCELS |
|  | EXISTING STORM DRAIN LINE |
|  | EXISTING OUTFALLS (21 TOTAL)
OPEN DRAIN OUTFALLS
THROUGH PIER SURFACE
TO ESTUARY (68 TOTAL) |
|  | OUTFALL TO BE REMOVED |



Attachment 1, Figure 5

PROPOSED CONDITION

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