



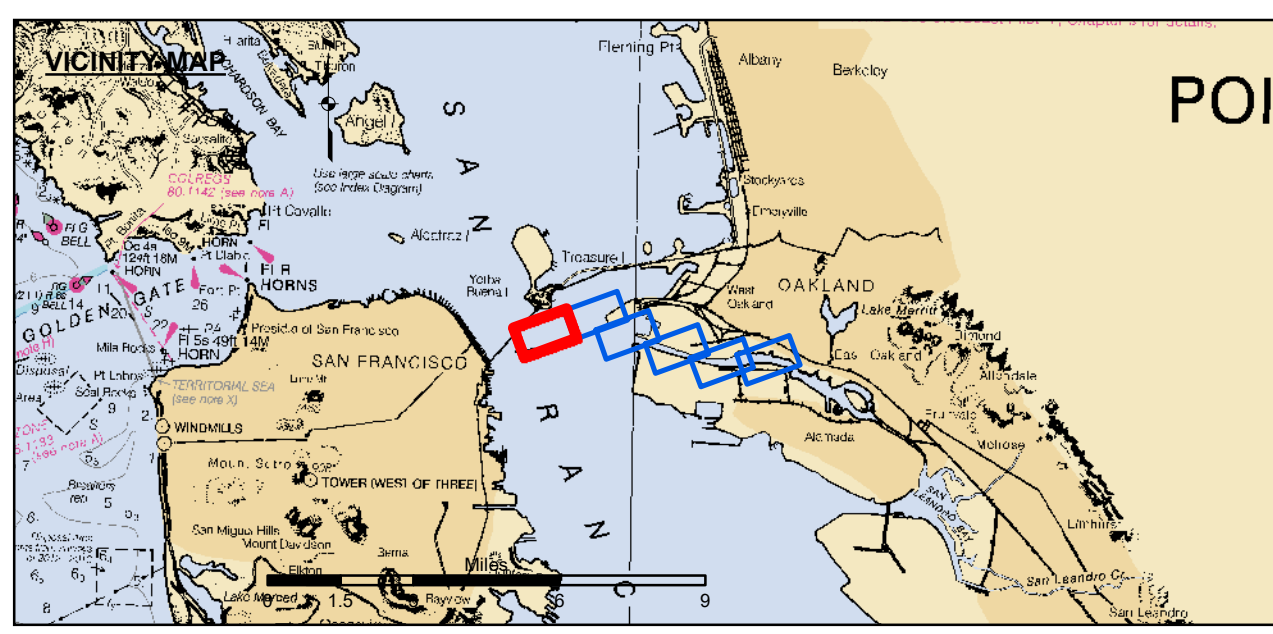
US Army Corps of Engineers
 San Francisco District
 450 Golden Gate Ave
 San Francisco, CA 94102

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Prepared Under the Direction of TIMOTHY W. SHEBESTA LT COLONEL, C.E., DISTRICT ENGINEER	Chart Date: Feb 14, 2024
Submitted by: Hydro Surveys Team Leader	Designed by:
Recommended by: Navigation Technical Manager	Drawn by:
Approved by: Project Manager	

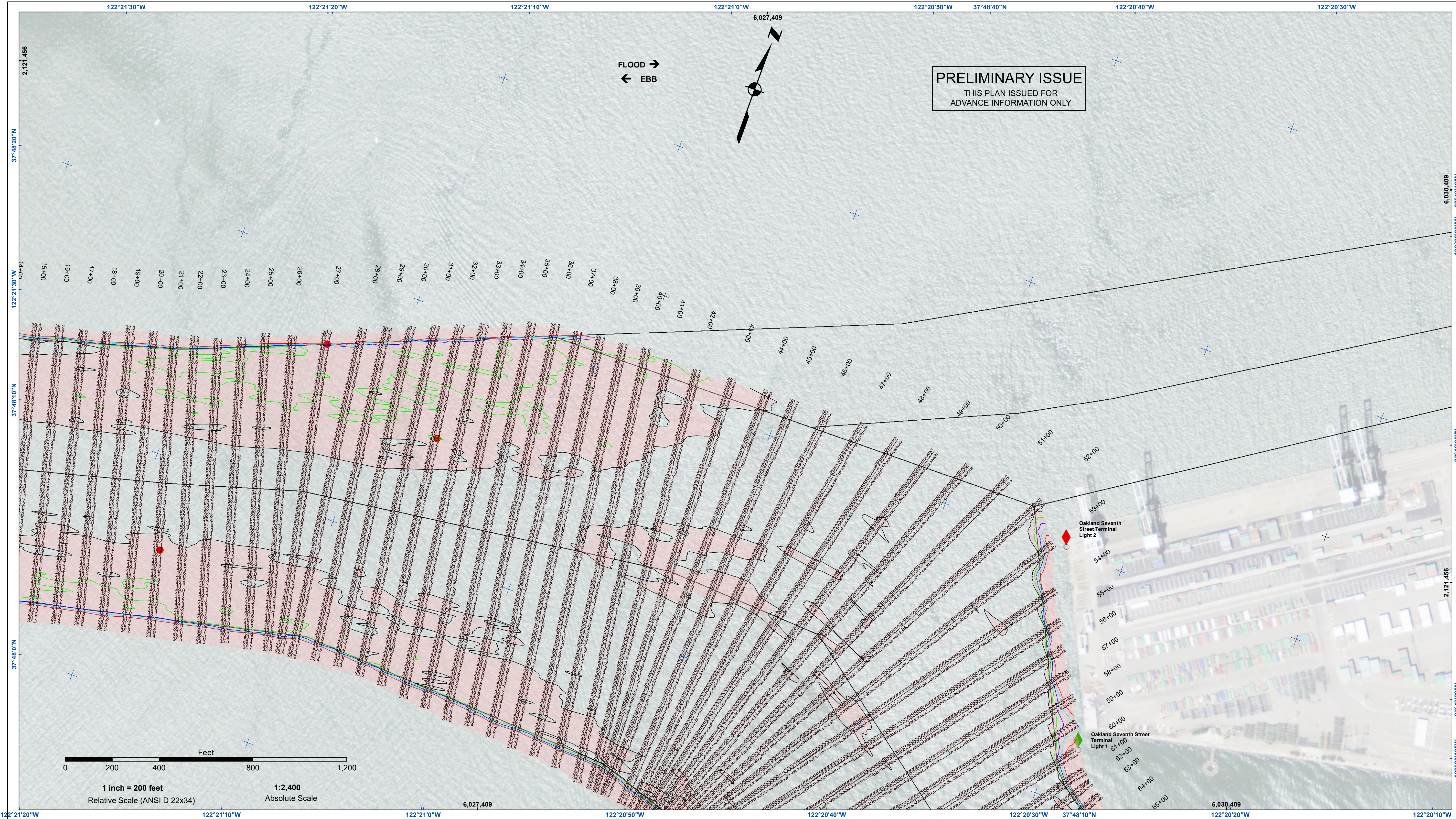
CALIFORNIA
ALAMEDA COUNTY
OAKLAND HARBOR
INNER HARBOR
CONDITION SURVEY
7-8 FEBRUARY 2024

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Number
1 of 6



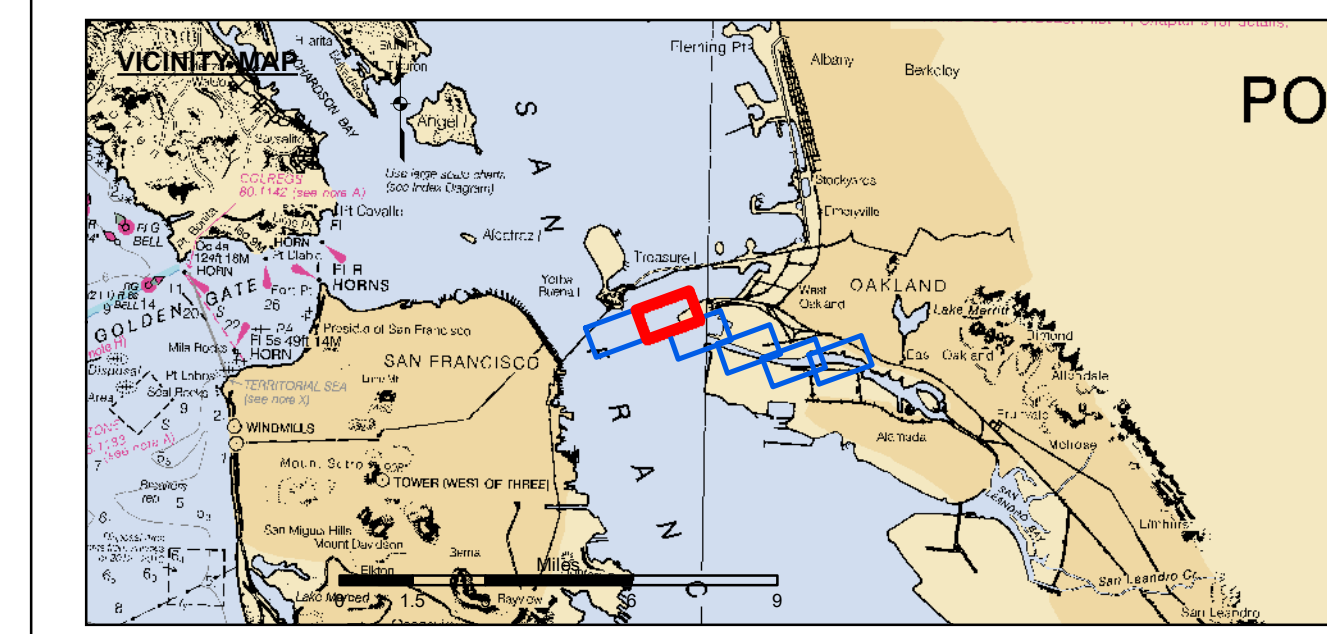
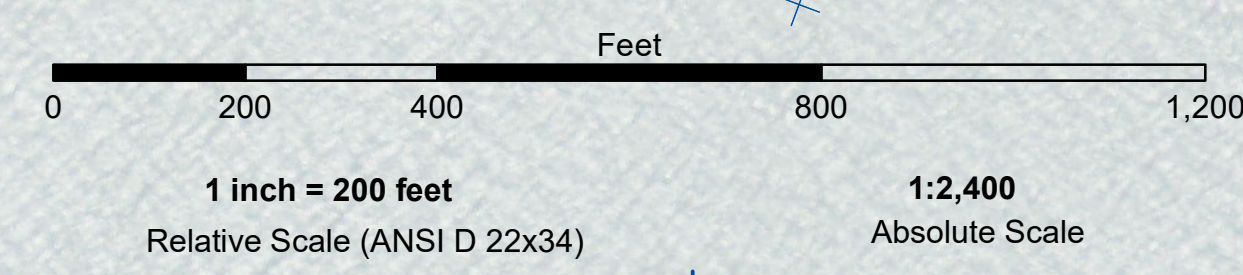
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|----------------------------|--------------------|----------|
| Federal Navigation Channel | Beacon, General | Contours |
| Shoaling Area | Obstruction Point | -50 |
| Placement Area | Navigation Buoy | -49 |
| Anchorage Area | Navigation Buoy | -48 |
| Wreck Area | Shoalest Sounding* | -47 |
| Submerged Wreck | | -46 |
| Angle Point | | |

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 HORIZONTAL CONTROL:
 PRIMARY: RTK POSITIONING
 SECONDARY: COAST GUARD DGPS D-BEACON
 VERTICAL CONTROL:
 PRCP: PORT 1 1936/PID HT0654
 OAKLAND INNER REACH 4-S DISK SET AT SOUTH END OF CLAY STREET, AT THE PORT OF OAKLAND CLAY STREET PIER, ELEVATION: 9.56 FEET MLLW - PUBLISHED 21 APR 2003 ON NOAA STATION 941 4764 TIDE GAUGE LOCATION IS CHISEL MARK APPROX. 10 FEET WEST ON TOP OF CONCRETE CURB; CHISEL ELEVATION 11.0 FEET MLLW.
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FLOOD →
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- Federal Navigation Channel
- Shoaling Area
- Placement Area
- Anchorage Area
- Wreck Area
- Submerged Wreck
- Angle Point
- Beacon, General
- Obstruction Point
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- Contours
- 50
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- 47
- 46

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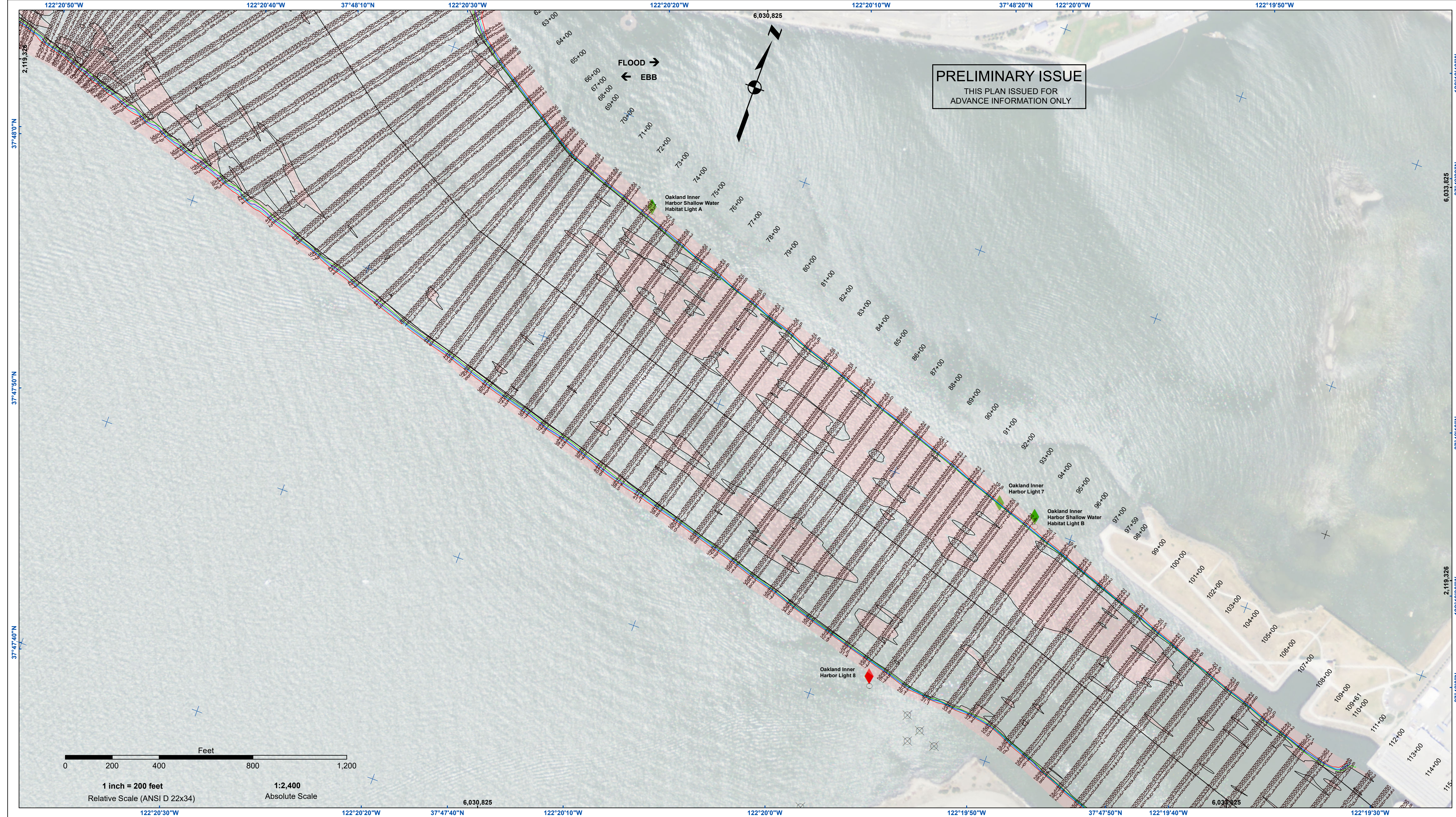
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Project Manager:	

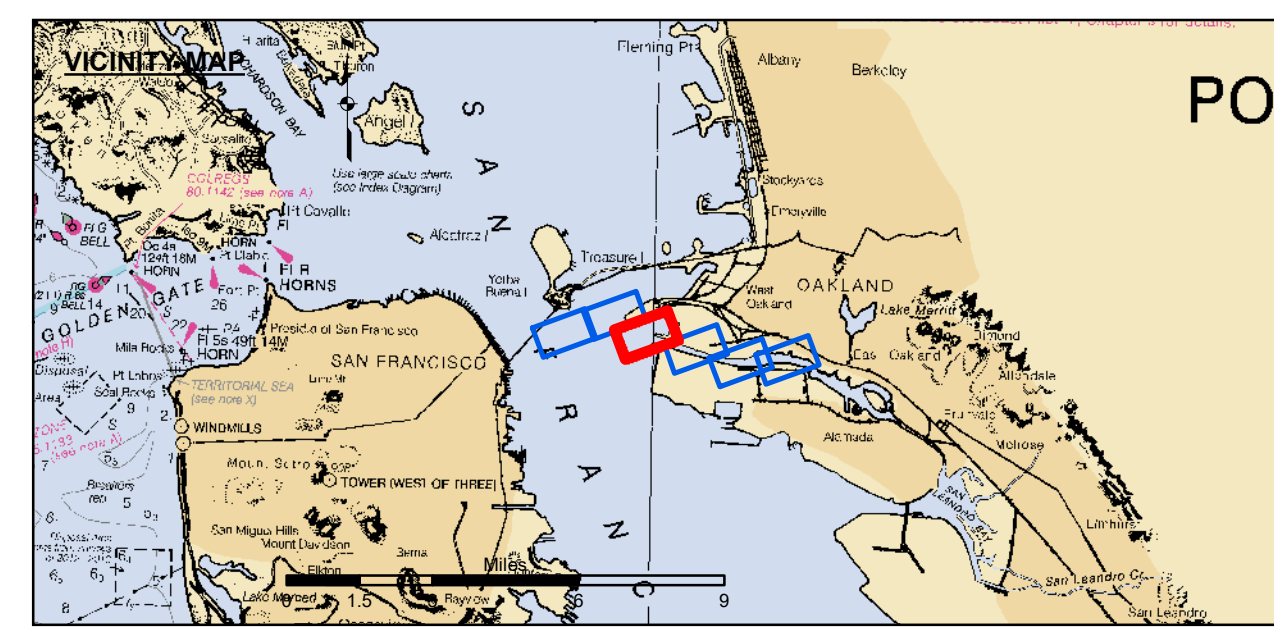
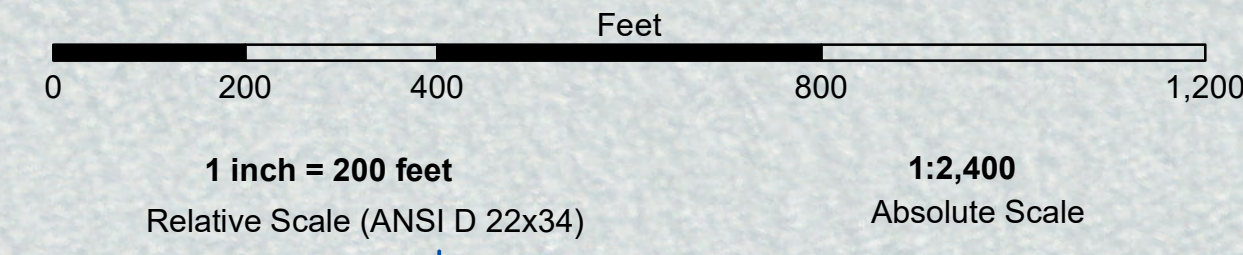
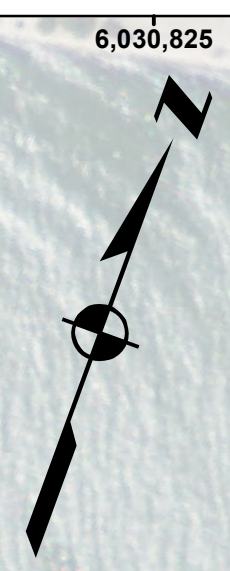
CALIFORNIA
 ALAMEDA COUNTY
OAKLAND HARBOR
 INNER HARBOR
 CONDITION SURVEY
 7-8 FEBRUARY 2024

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Number
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PRELIMINARY ISSUE
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FLOOD →
← EBB



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	Shoaling Area		Obstruction Point		-50
	Placement Area		Navigation Buoy		-49
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	Angle Point				

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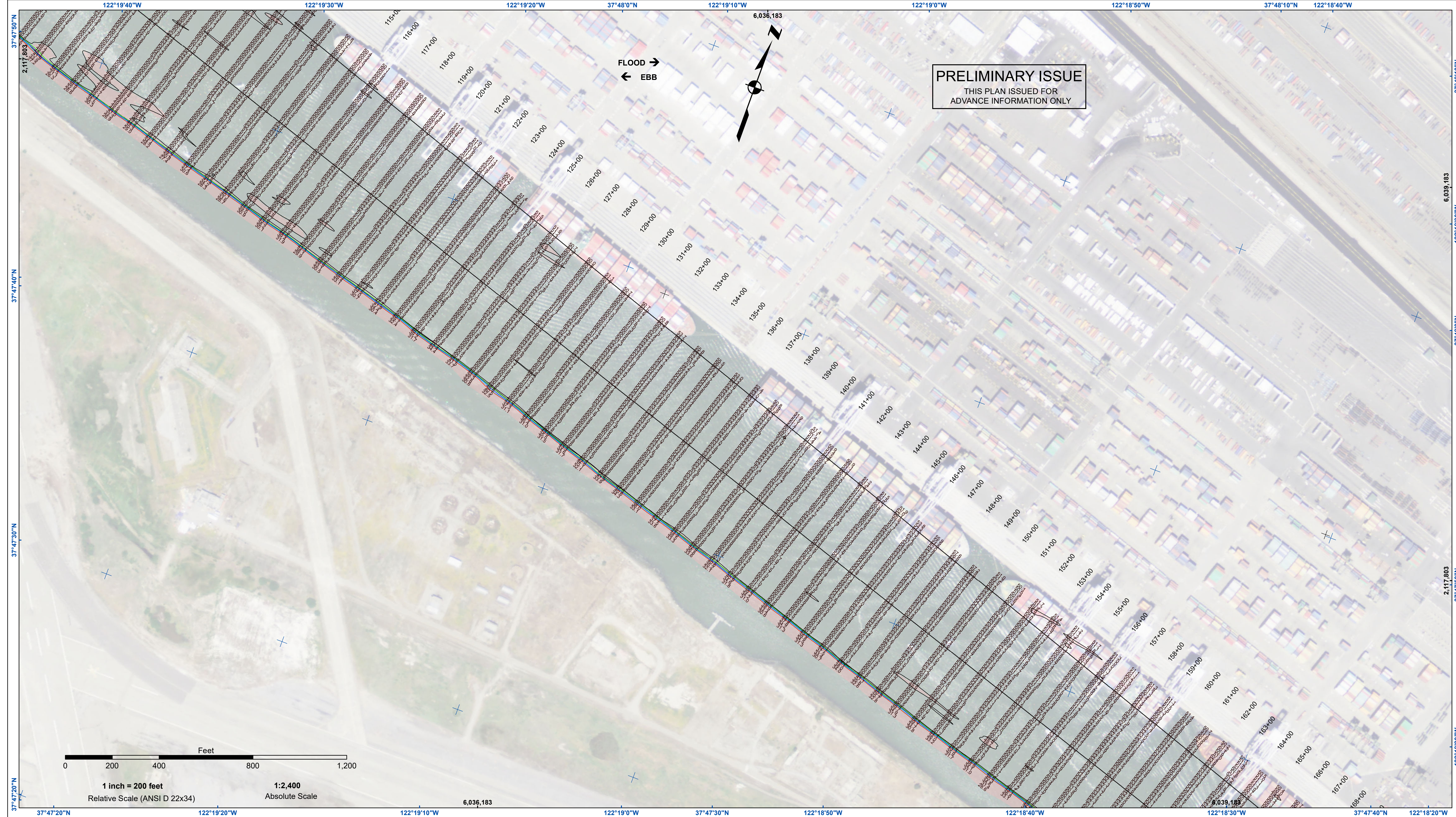
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Submitted: Hydro Survey Team Leader	Designed by:
Recommended: Navigation Technical Manager	Plotted By:
Approved: Project Manager	Checked By:
	Drawn by:

CALIFORNIA
OAKLAND HARBOR
INNER HARBOR
CONDITION SURVEY
7-8 FEBRUARY 2024

Sheet
Reference
Number
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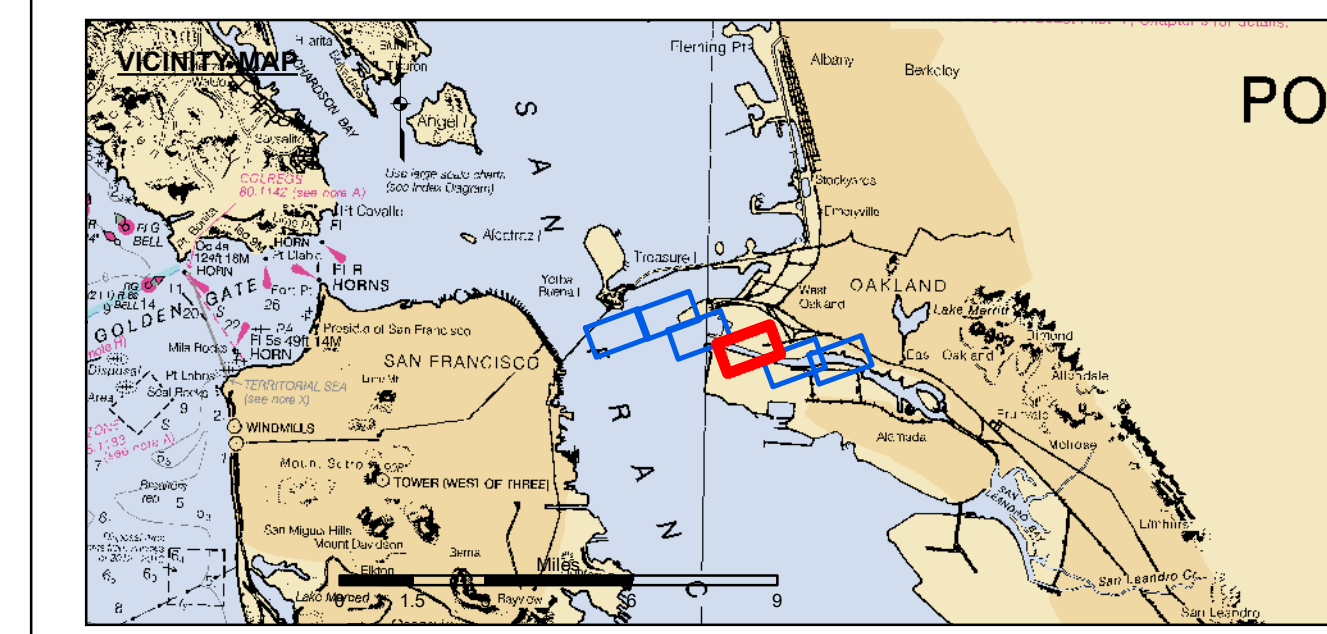
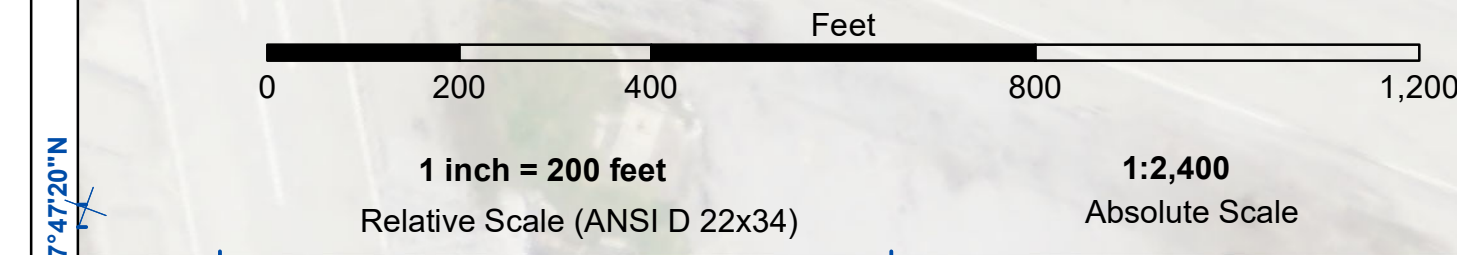


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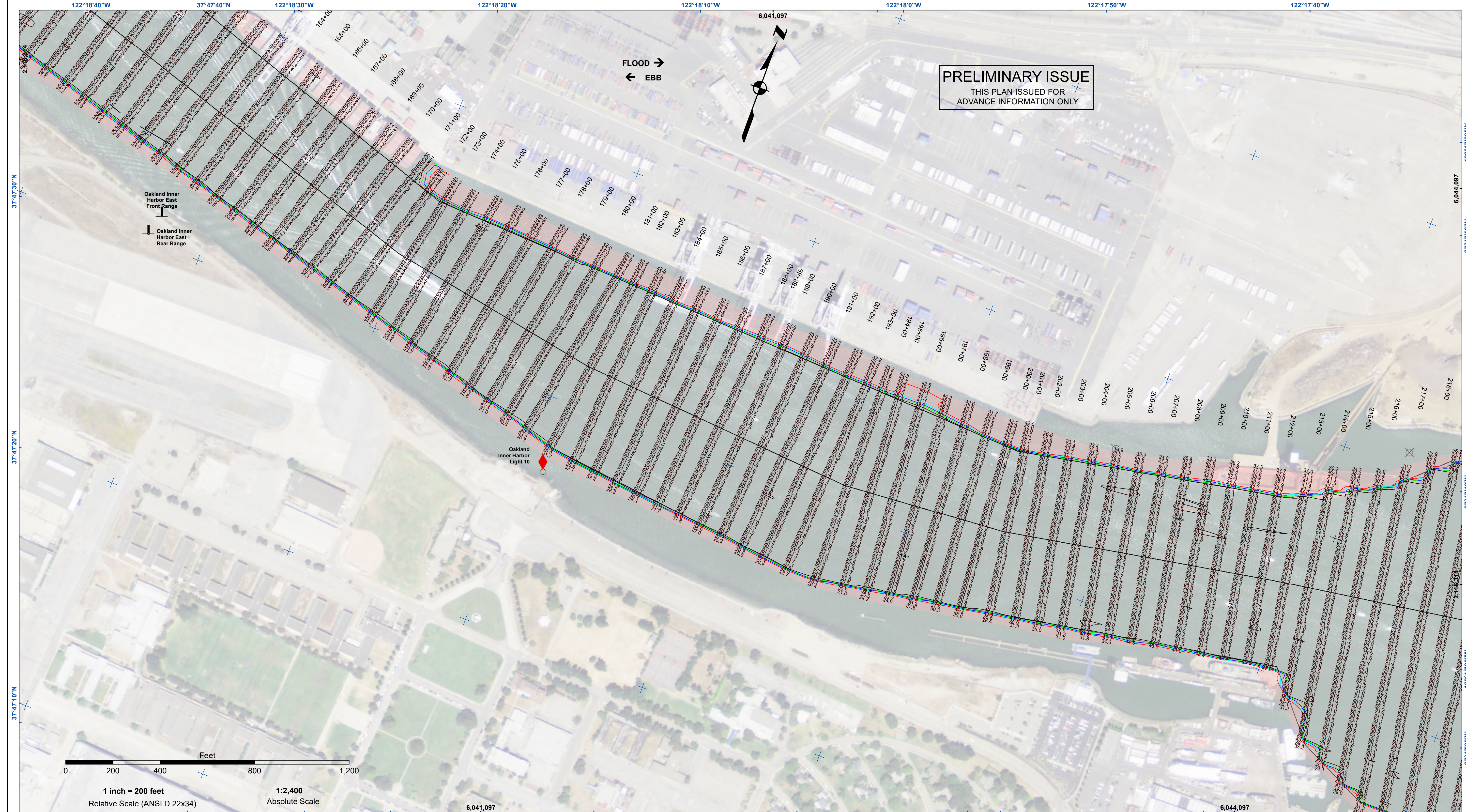
ALAMEDA COUNTY
OAKLAND HARBOR
 INNER HARBOR
 CONDITION SURVEY
 7-8 FEBRUARY 2024

Sheet
Number
4 of 6



- | | | |
|----------------------------|--------------------|----------|
| Federal Navigation Channel | Beacon, General | Contours |
| Shoaling Area | Obstruction Point | -50 |
| Placement Area | Navigation Buoy | -49 |
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| Wreck Area | Shoalest Sounding* | -47 |
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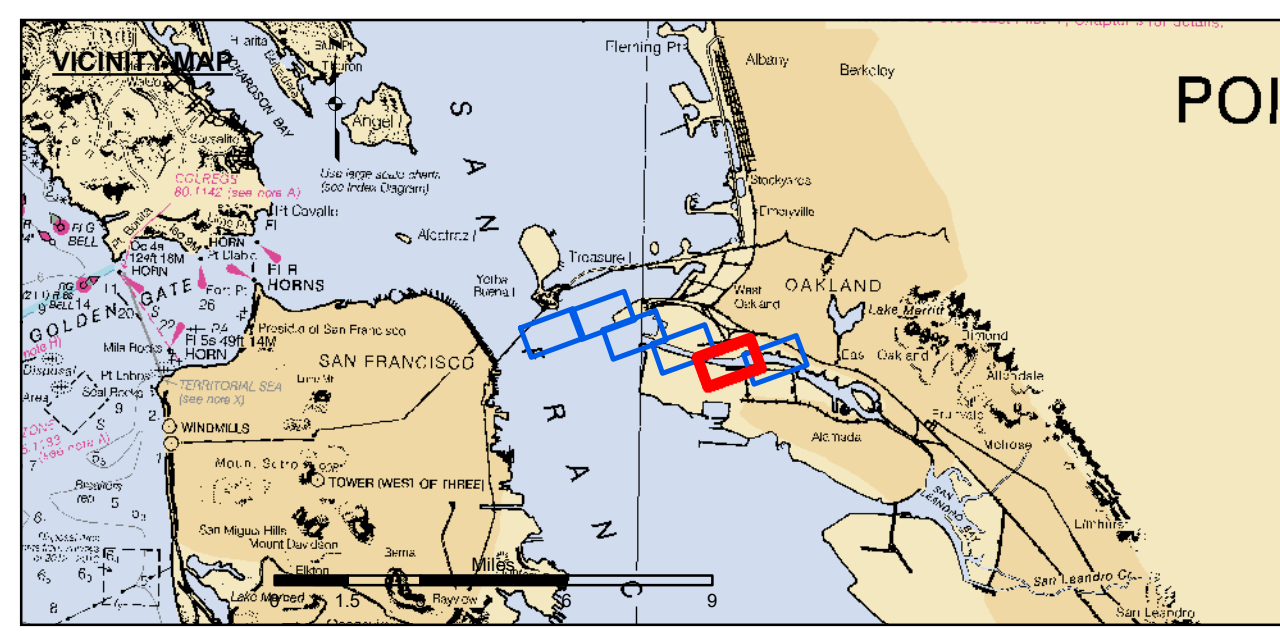
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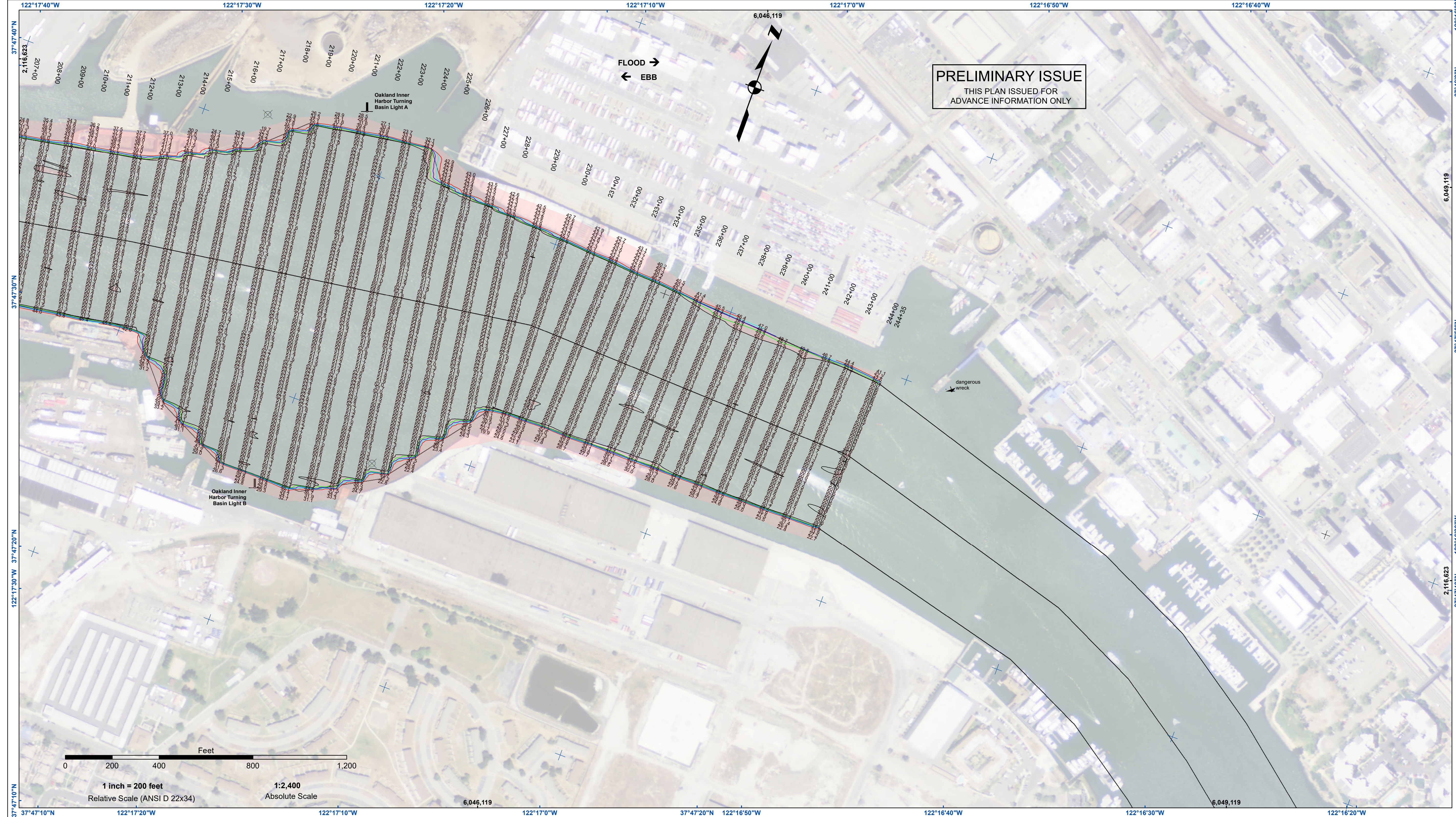
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ALAMEDA COUNTY
OAKLAND HARBOR
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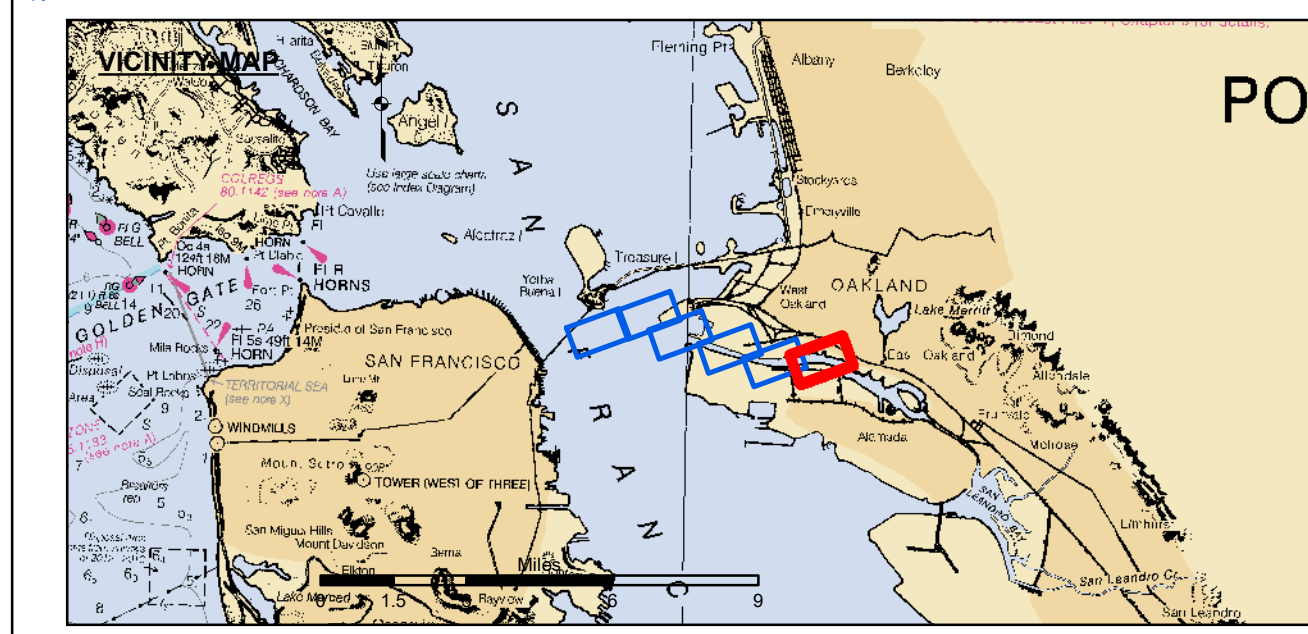
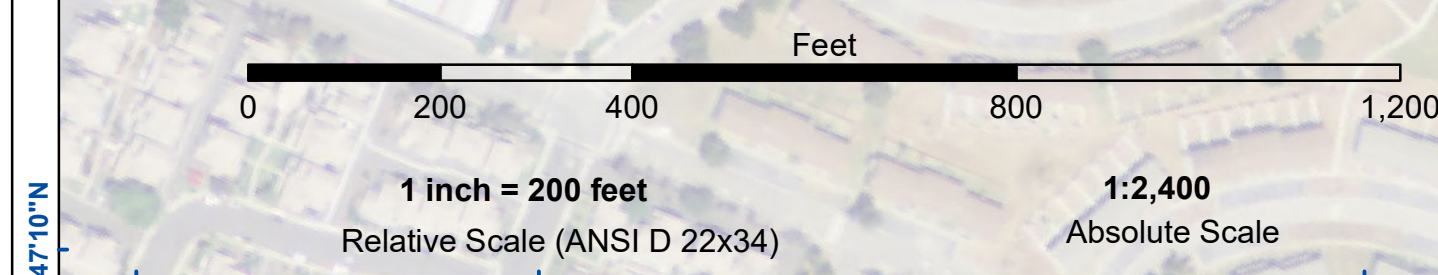
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