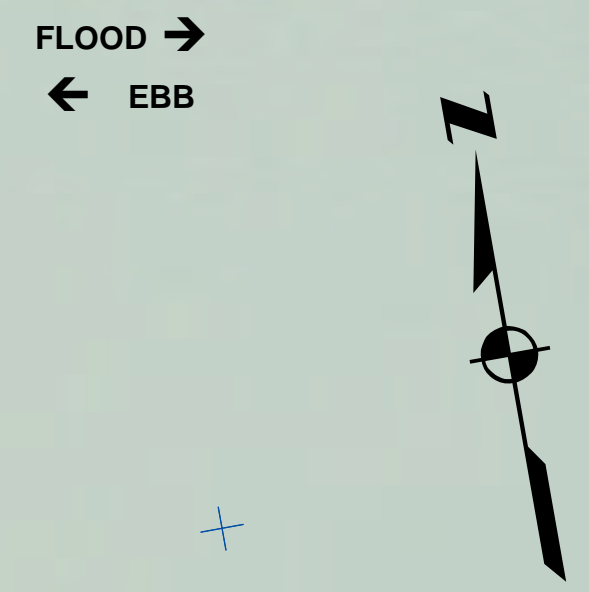
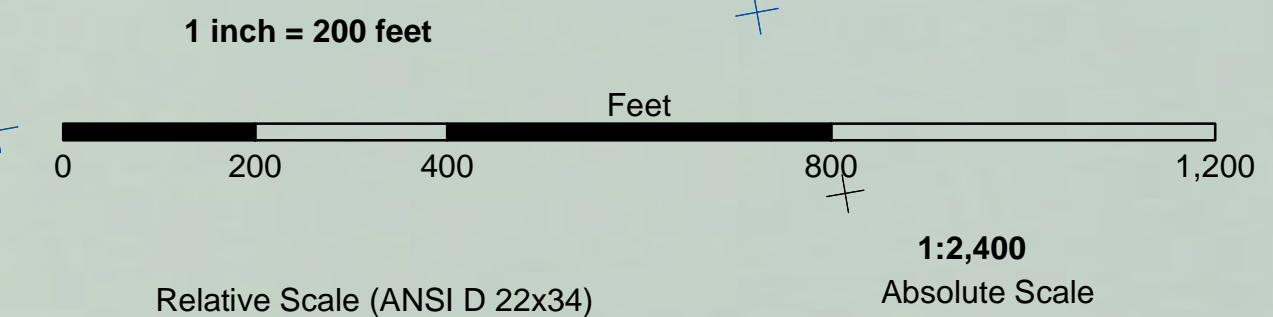




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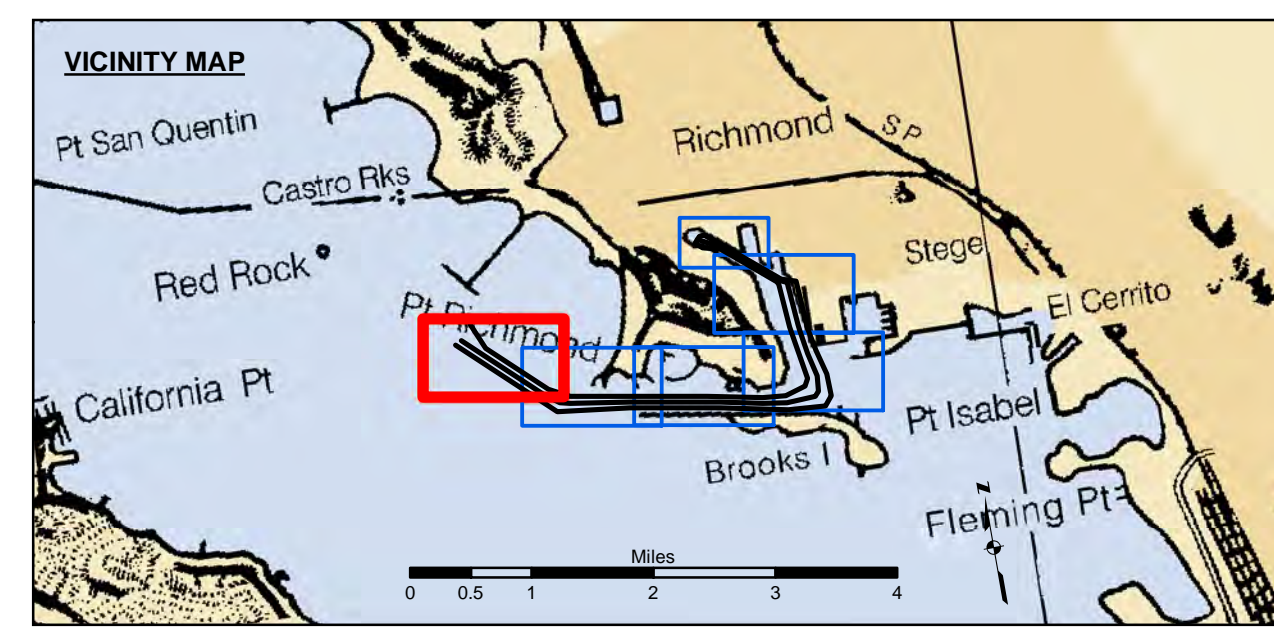


N.A.D. 1983 FEET COORDINATES

Channel Angle Point	Easting	Northing
01	6010230.66	2162394.62
02	6009436.76	2161650.06
03	6010702.46	2161282.52
04	6013280.69	2158029.15
05	6013071.04	2159051.01
06	6016426.10	2157649.80
07	6013946.57	2158590.79
08	6020299.03	2156972.78
09	6019811.99	2157565.50
10	6023187.74	2156366.30
11	6022179.38	2157068.47
12	6024797.57	2156256.37
13	6023175.24	2156977.58
14	6025133.92	2156630.24
15	6024071.72	2157243.76
16	6025096.44	2157620.99
17	6024244.63	2157572.06
18	6024794.33	2158699.33
19	6023863.13	2159896.61
20	6024629.99	2159700.65
21	6023718.07	2161814.06
22	6024470.69	2161806.34
23	6023659.10	2161929.33
24	6023871.49	2162011.81
25	6022130.19	2163218.69
26	6022259.11	2163371.56

N.A.D. 1983 FEET COORDINATES

Centerline Angle Point	Easting	Northing
C01	6009645.81	2161871.50
C02	6012865.31	2158832.66
C03	6013468.42	2158386.31
C04	6013908.41	2158274.43
C05	6023181.49	2156671.94
C06	6024434.65	2156750.07
C07	6024602.82	2156937.00
C08	6024670.54	2157596.53
C09	6024272.27	2159641.94
C10	6024094.38	2161810.20
C11	6023765.30	2161970.57
C12	6022194.65	2163295.13



Federal Navigation Channel	Beacon, General	Contours
Shoaling Area	Obstruction Point	-38
Placement Area	Navigation Buoy	-37
Anchorage Area	Navigation Buoy	-36
Wreck Area	Shoalest Sounding*	-35
Submerged Wreck		-34
Angle Point		

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SURVEYED BY THE CORPS OF ENGINEERS.

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SANTE FE CHANNEL -30 FEET.

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BENCHMARK #2 (1032) USCGS DISK OLD FORD PLANT 16.0825 FT. MLLW.
B.M. LS 2769 CITY OF RICHMOND DISK PAVEMENT 13.971 FT. MLLW.

TIDE GAGE LOCATION: MON B-1.

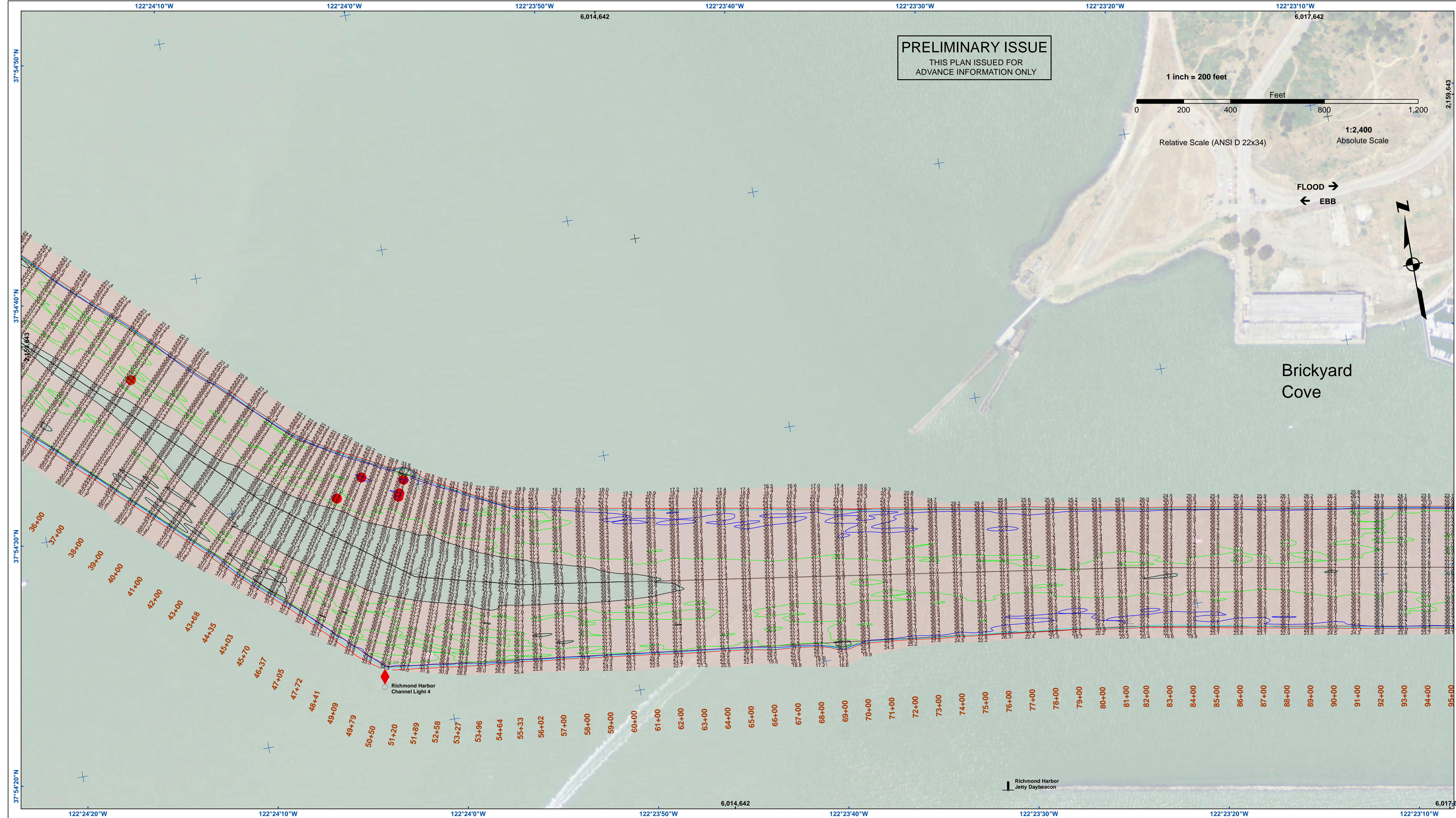
HORIZONTAL GPS CONTROL: COAST GUARD D-BEACON.
VERTICAL CONTROL: BENCHMARK, MLLW ELEV., AGENCY

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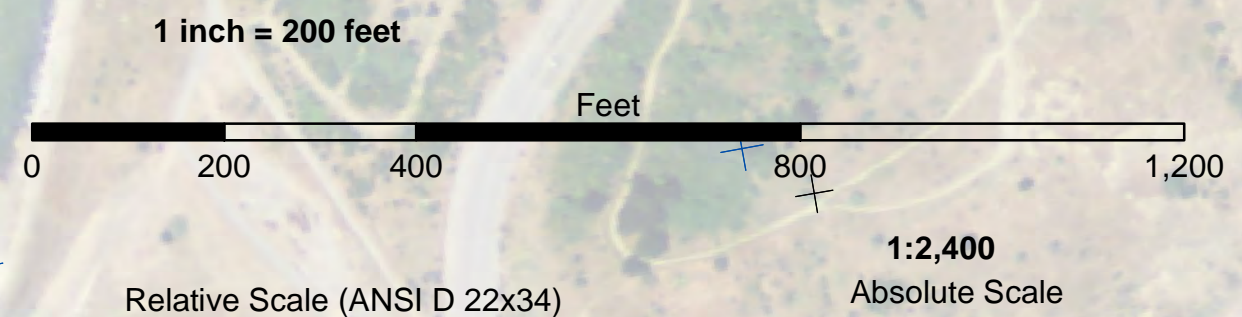
Prepared Under the Direction of	Chart Date
TIMOTHY W. SHEBESTA	Jun 30, 2023
Surveyed By	Designed by
PDT	PDT
Plotted By	Drawn by
PDT	PDT
Checked By	
PDT	

CALIFORNIA
CONTRA COSTA
RICHMOND INNER HARBOR
CONDITION SURVEY
15-16 JUNE 2023

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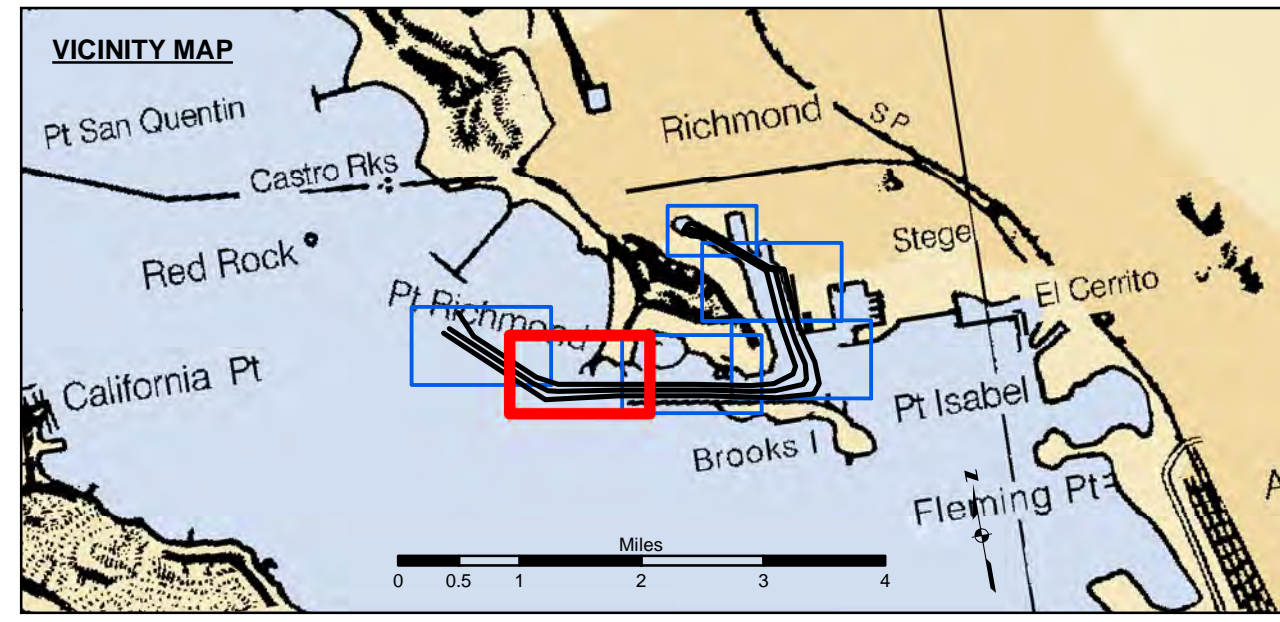
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Prepared Under the Direction of	Chart Date
TIMOTHY W. SHEBESTA	Jun 30, 2023
Submittal	Designed by:
Hydro Survey Team Leader	PDT
Recommended	Checked by:
Chief, Hydro Survey Section	PDT
Approved	Drawn by:
Chief, Construction Branch	PDT

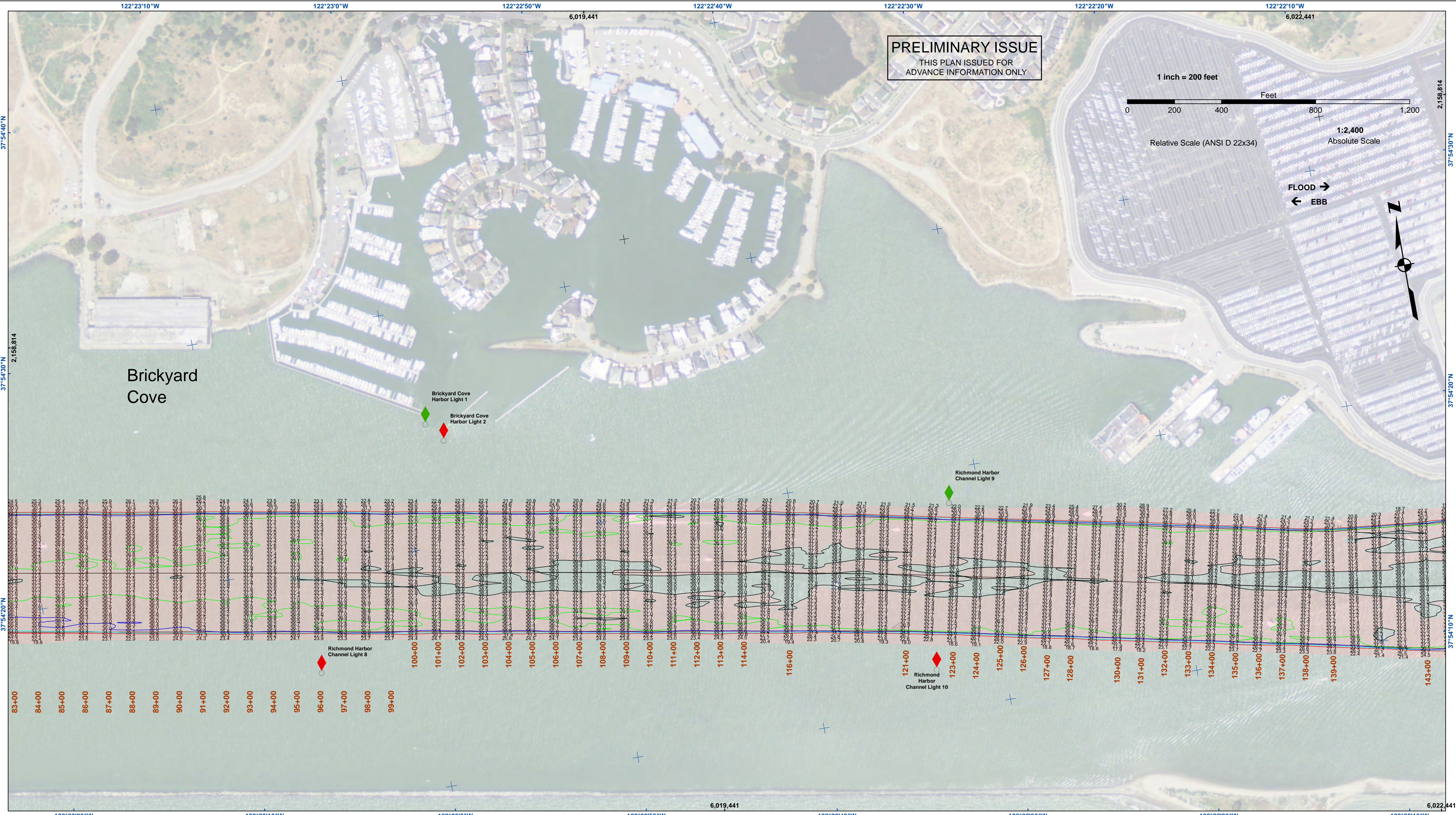


Federal Navigation Channel	Beacon, General	Contours
Shoaling Area	Obstruction Point	-38
Placement Area	Navigation Buoy	-37
Anchorage Area	Navigation Buoy	-36
Wreck Area	Shoalest Sounding*	-35
Submerged Wreck		-34
Angle Point		

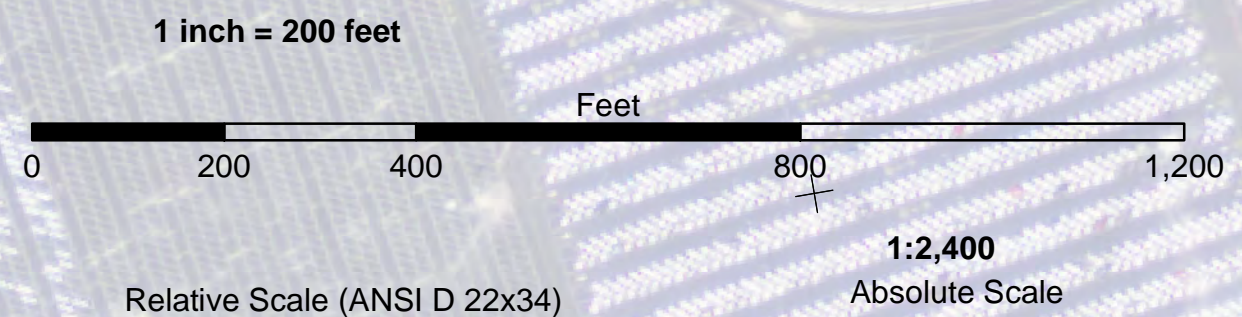
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TIDE GAGE LOCATION: MON B-1.
HORIZONTAL GPS CONTROL: COAST GUARD D-BEACON.
VERTICAL CONTROL: BENCHMARK, MLLW ELEV., AGENCY

CALIFORNIA
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RICHMOND INNER HARBOR
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15-16 JUNE 2023
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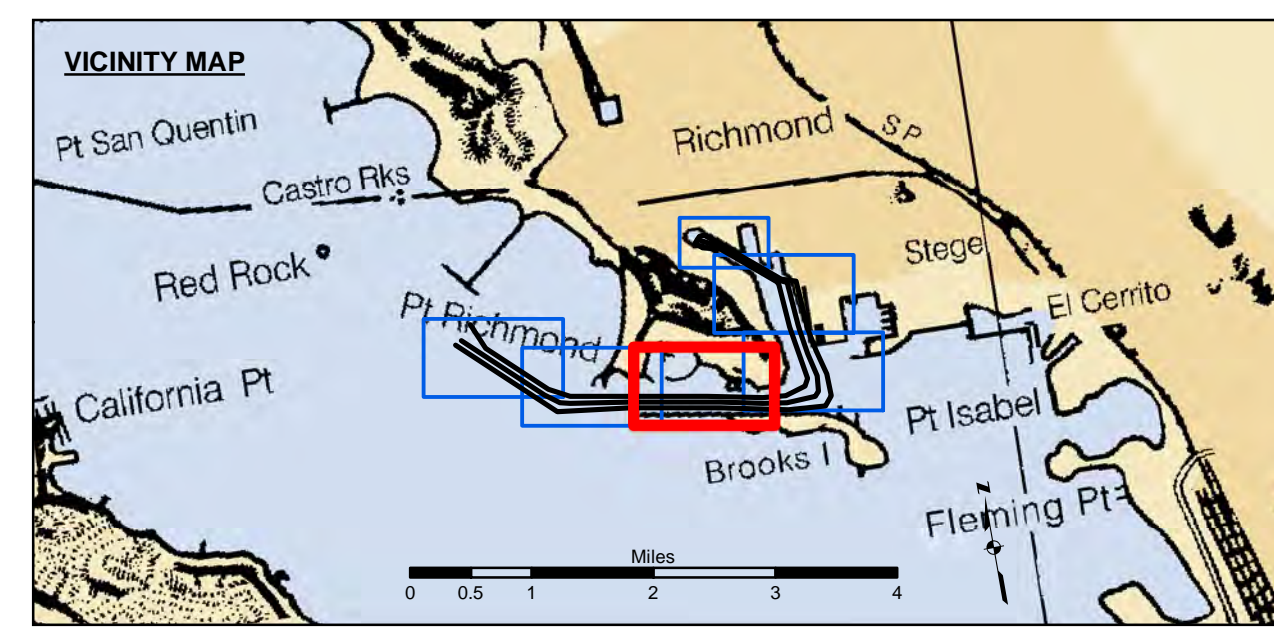


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- Federal Navigation Channel
- Shoaling Area
- Placement Area
- Anchorage Area
- Wreck Area
- Submerged Wreck
- Angle Point
- Beacon, General
- Obstruction Point
- Navigation Buoy
- Navigation Buoy
- Shoalest Sounding*
- Contours
- 38
- 37
- 36
- 35
- 34

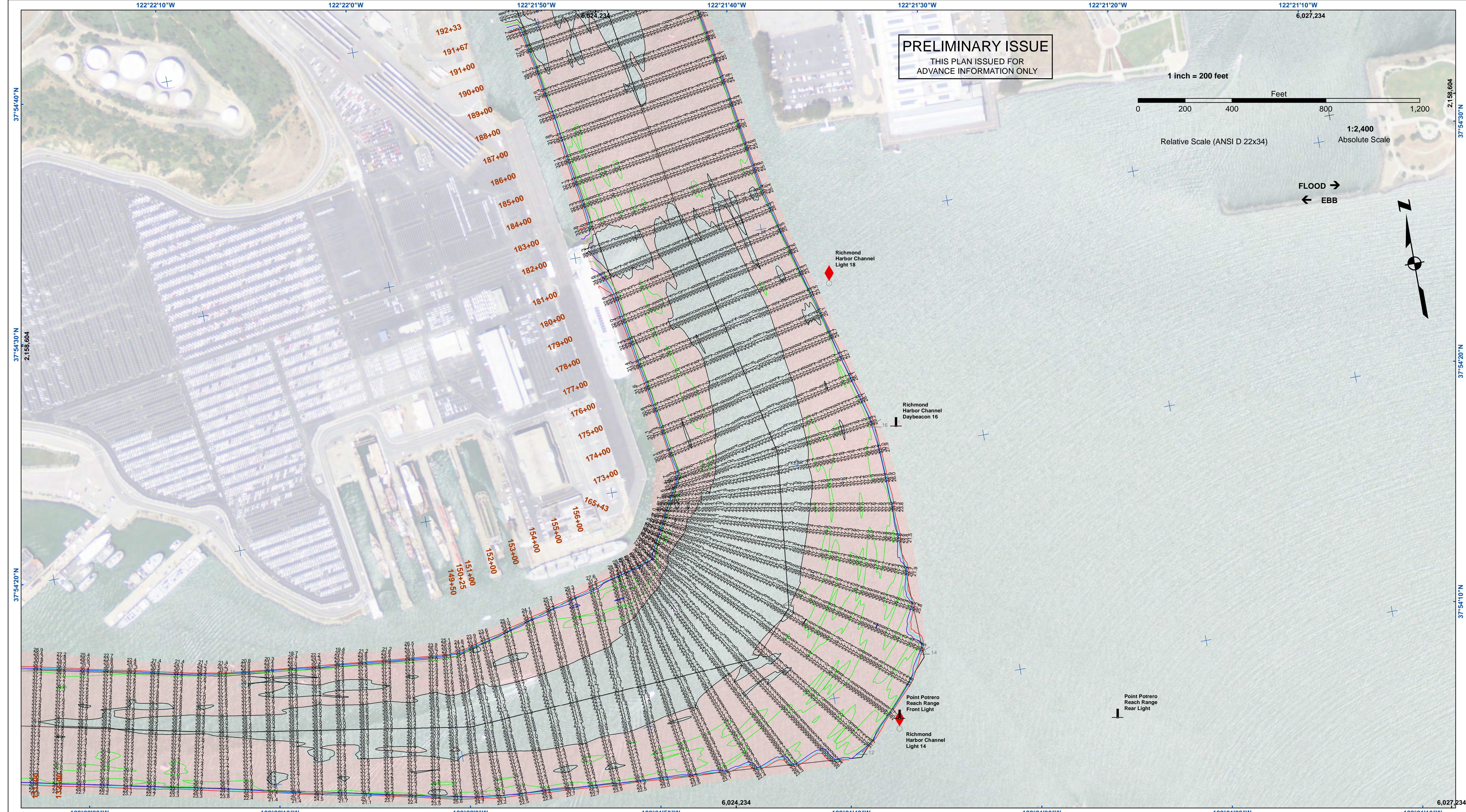
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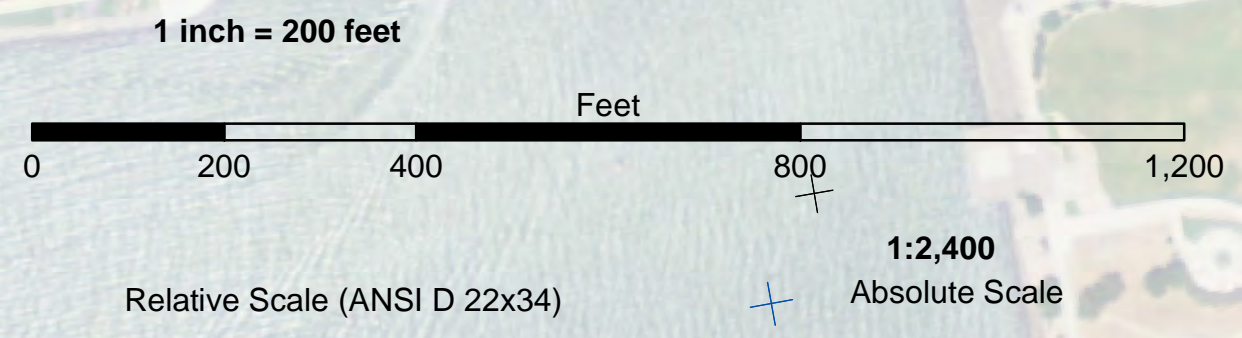
PREPARED UNDER THE DIRECTION OF TIMOTHY W. SHEBESTA LT COLONEL, C.E. DISTRICT ENGINEER	Chart Date: Jun 30, 2023
Submitted: Hydro Survey Team Leader	Designed by: PDT
Recommended: Chief, Hydro Survey Section	Checked by: PDT
Approved: Chief, Construction Branch	Drawn by: PDT

CALIFORNIA
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15-16 JUNE 2023

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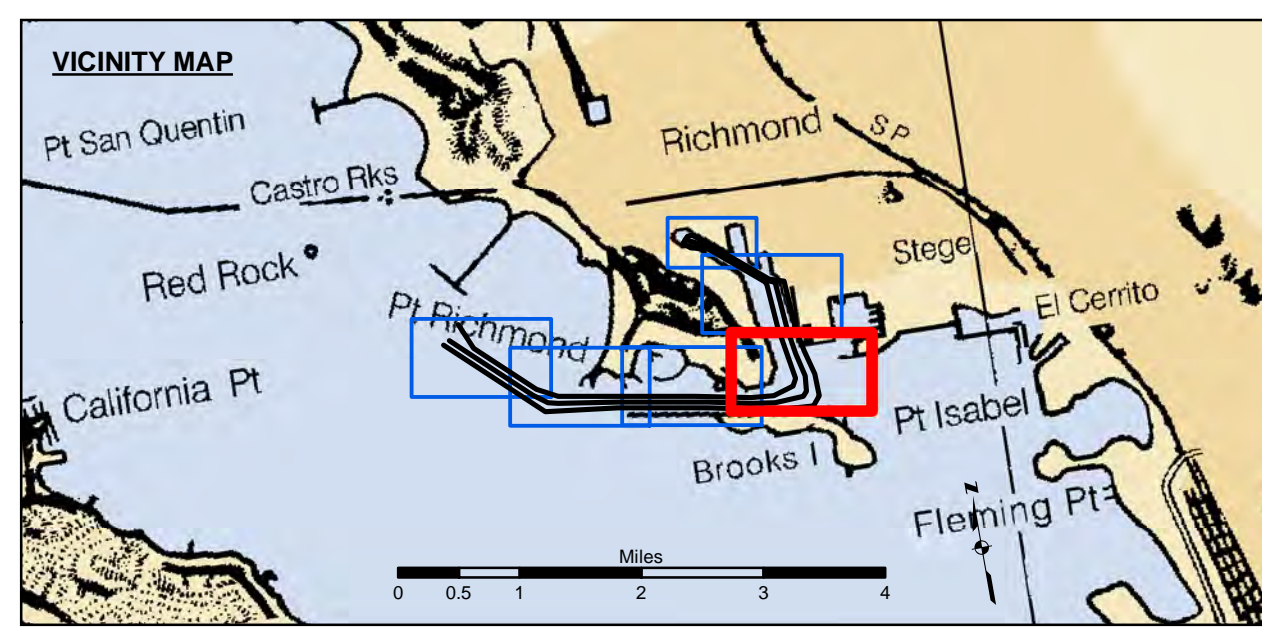
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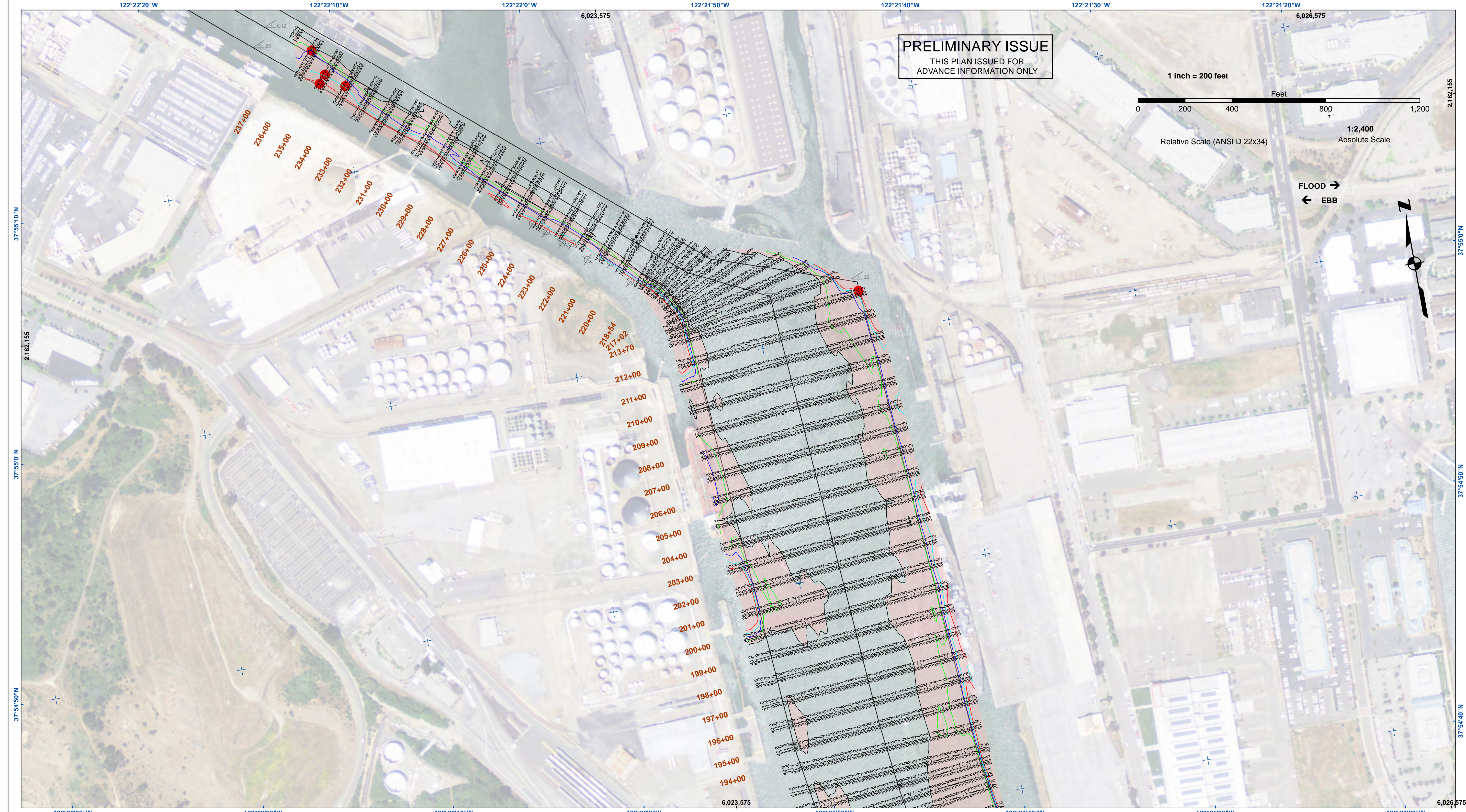
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Recommended: Chief, Hydro Survey Section	Drawn by: PDT
Approved: Chief, Construction Branch	PDT



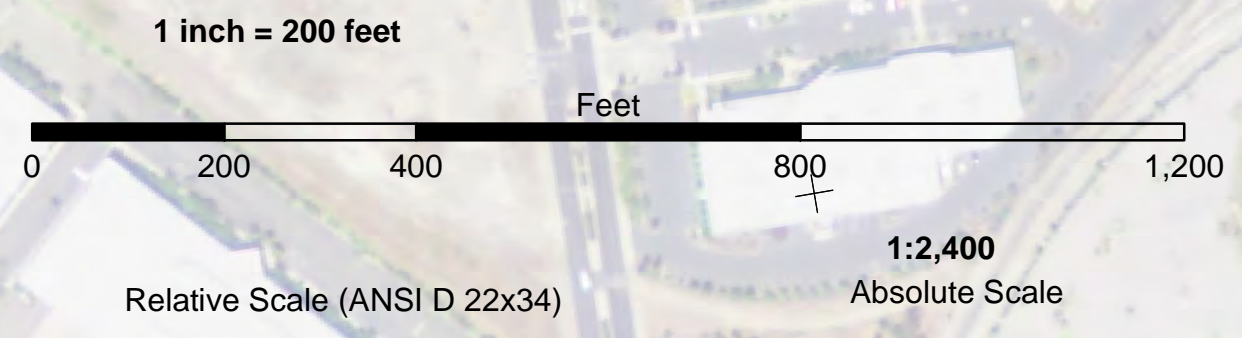
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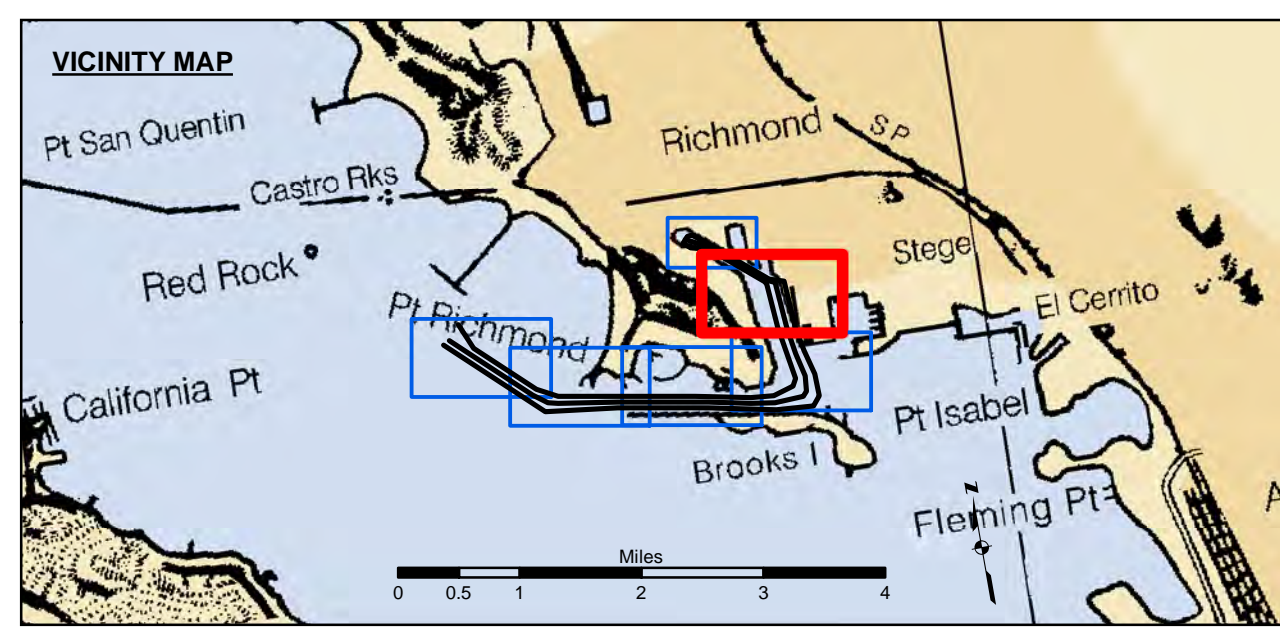
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Designed by:	PDT
Plotted by:	PDT
Checked by:	PDT
Drawn by:	PDT



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15-16 JUNE 2023

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