

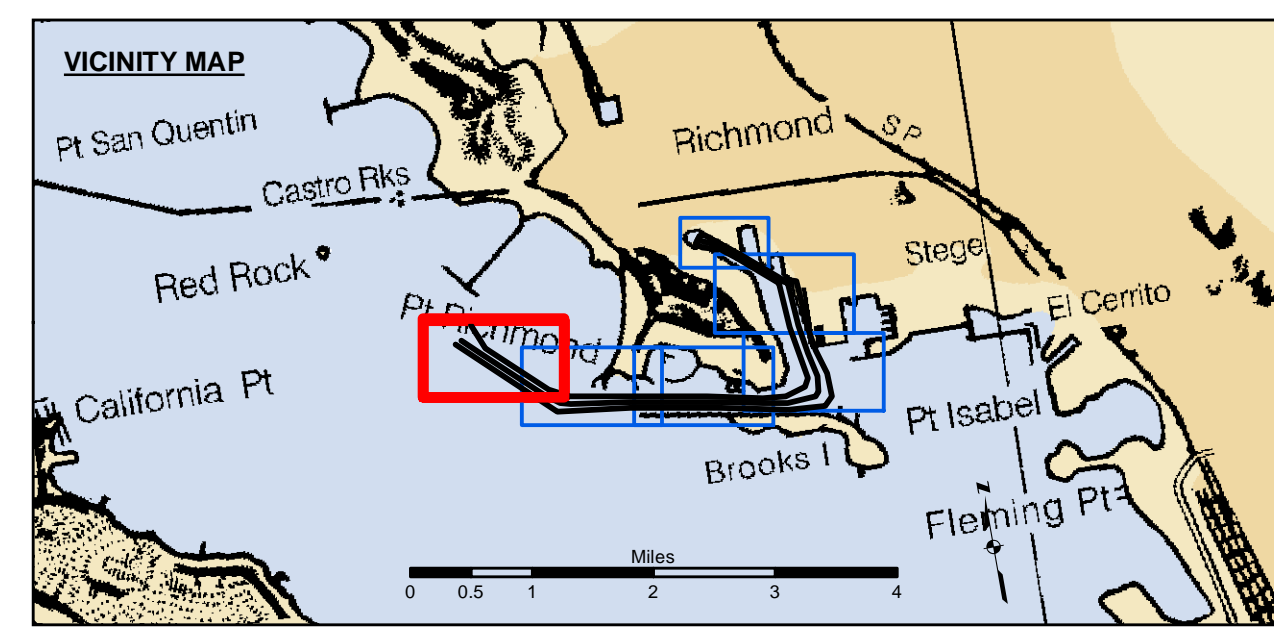


N.A.D. 1983 FEET COORDINATES

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	-37
Placement Area	Navigation Buoy	-36
Anchorage Area	Navigation Buoy	-35
Wreck Area	Shoalest Sounding*	-34
Submerged Wreck		-33
Angle Point		

NOTES:
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SURVEYED BY THE CORPS OF ENGINEERS.
 SOUNDINGS WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST TENTH OF A FOOT.
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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

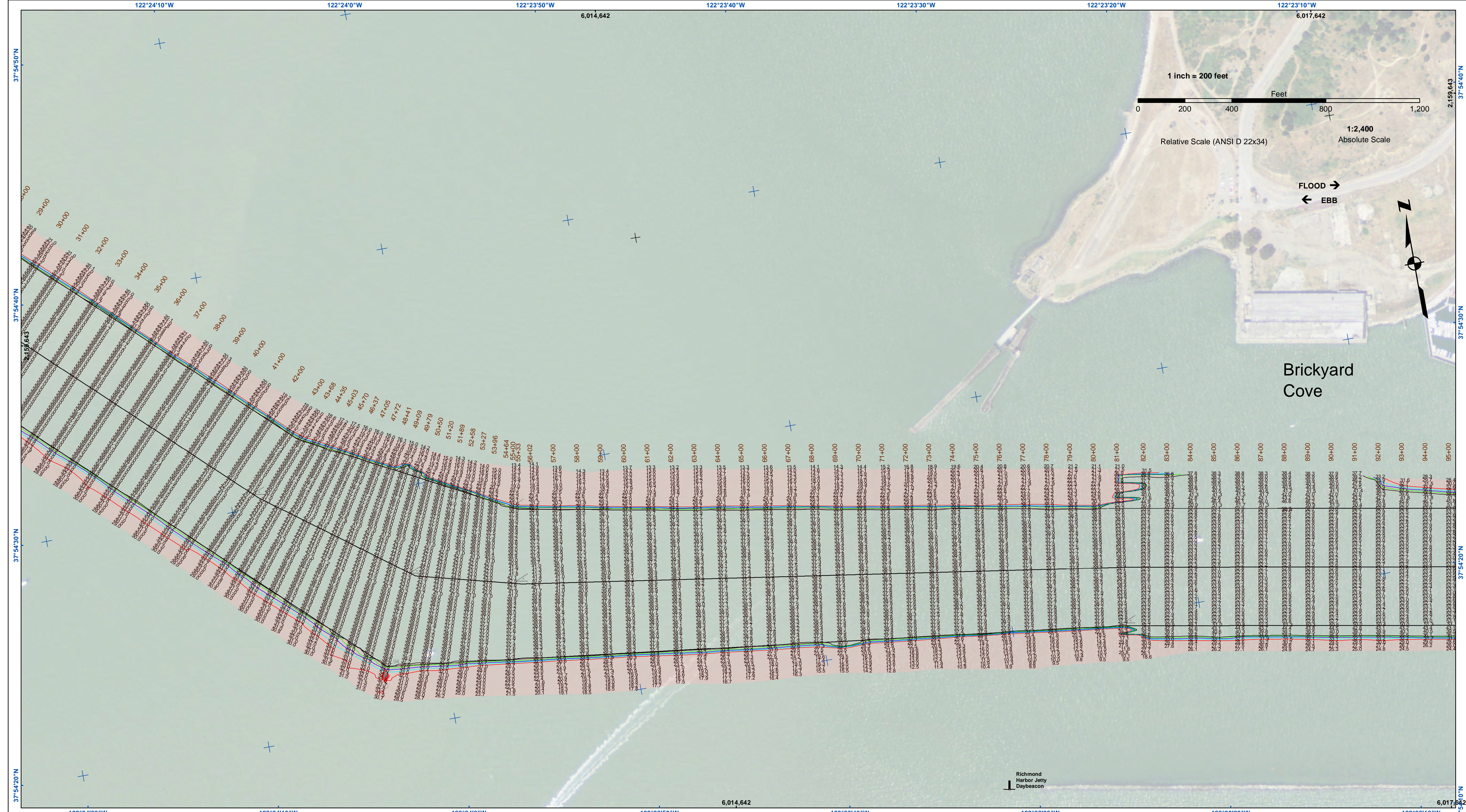


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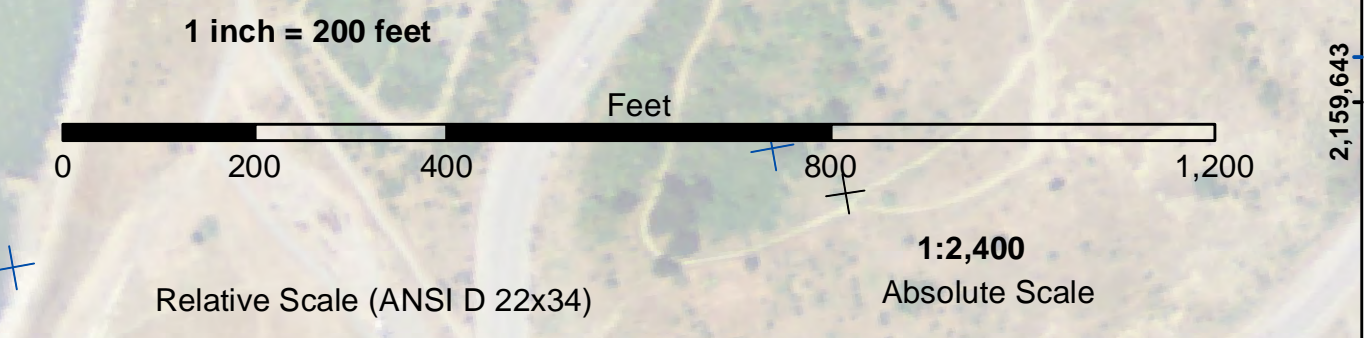
Prepared Under the Direction of JOHN D. CUNNINGHAM LT COLONEL, C.E. DISTRICT ENGINEER	Surveyed By: _____	Chart Date: Oct 15, 2020
Submitted: Hydro Survey Team Leader	Plotted By: PDT	Designed by: _____
Recommended: Chief, Hydro Survey Section	Checked By: PDT	Drawn by: _____
Approved: Chief, Construction Branch		PDT

ALAMEDA COUNTY
RICHMOND INNER HARBOR
 POST-DREDGE SURVEYS
 22 JULY, 3 & 14 AUGUST
 8, 14, 17 SEPTEMBER 2020

Sheet Reference Number
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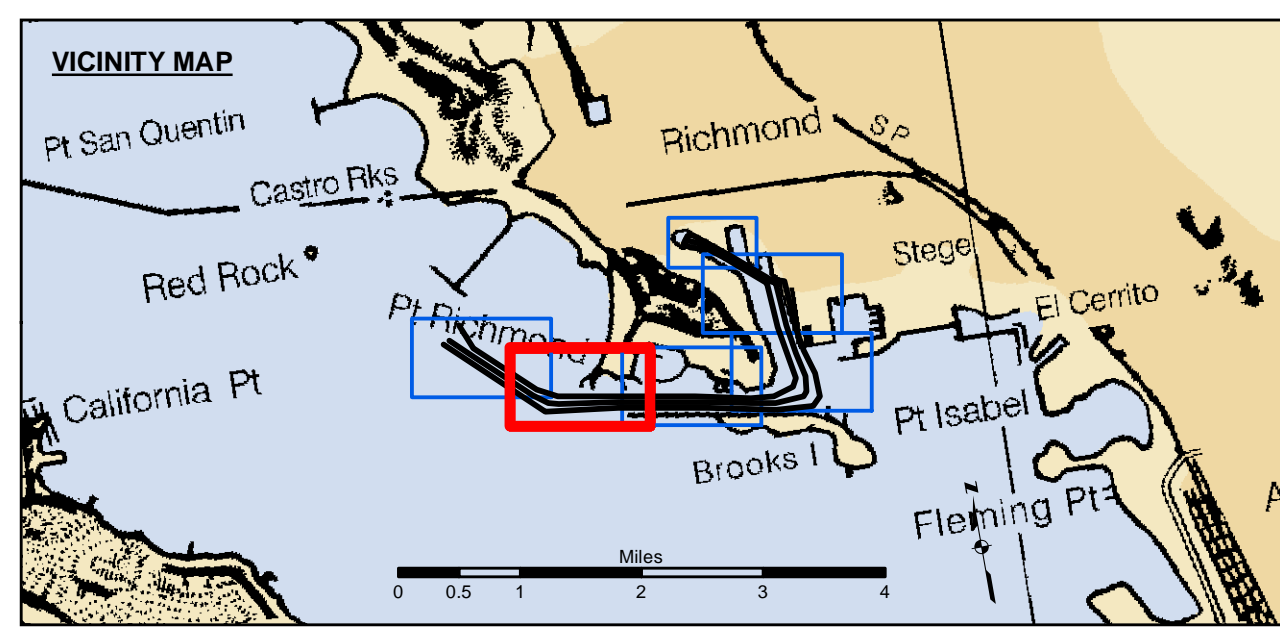


US Army Corps of Engineers
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Subject: Hydro Survey Team Leader	Plotted By: PDT	Designed by: PDT
Recommended: Chief, Hydro Survey Section	Checked By: PDT	Drawn by: PDT
Approved: Chief, Construction Branch		



Federal Navigation Channel	Beacon, General	Contours
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Angle Point		

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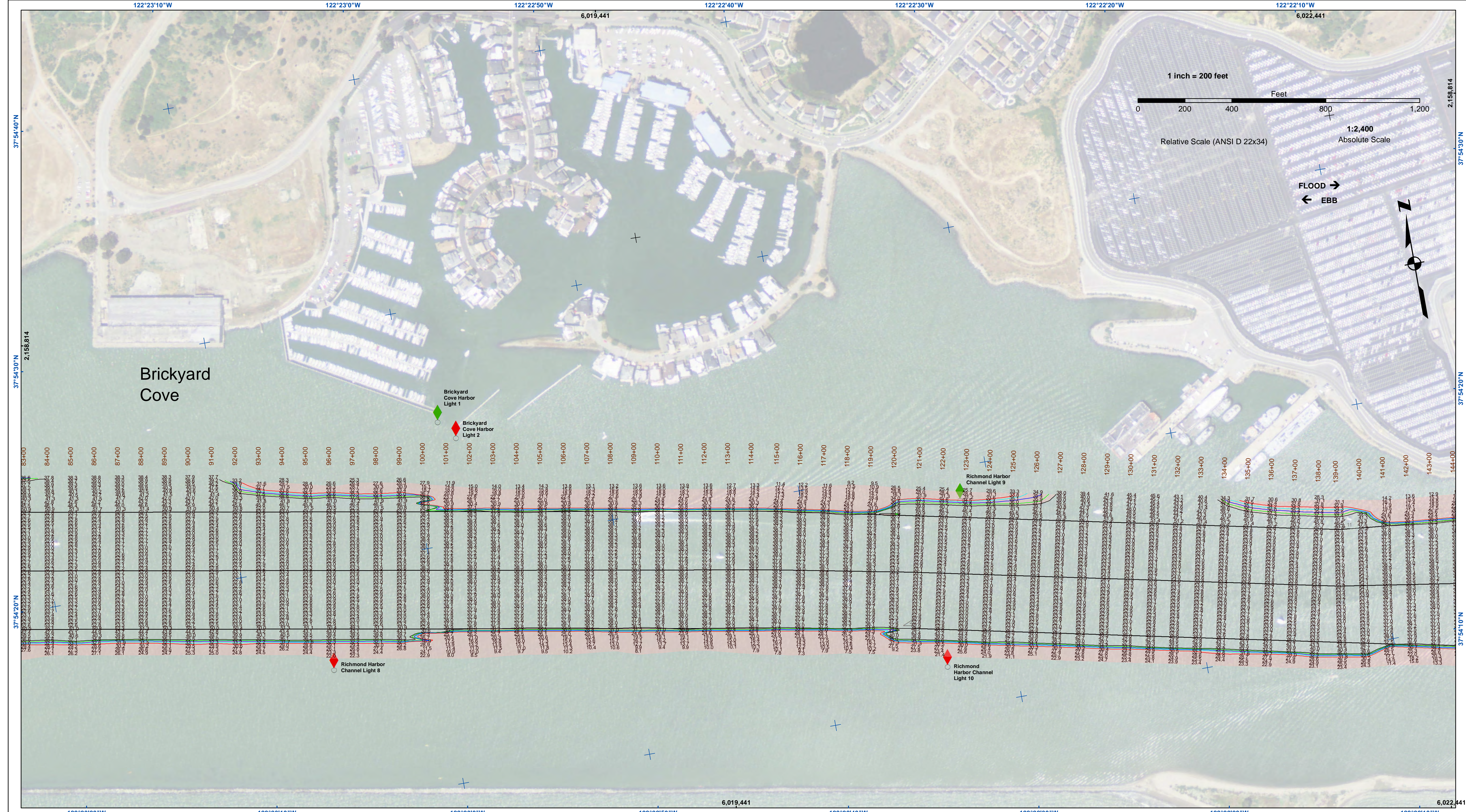
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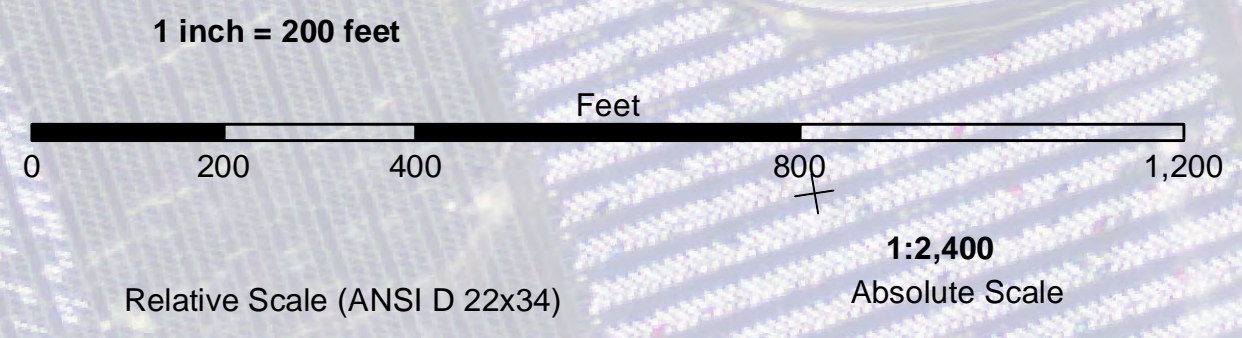
TIDE GAGE LOCATION: MON B-1.
 HORIZONTAL GPS CONTROL: COAST GUARD D-BEACON.
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ALAMEDA COUNTY
RICHMOND INNER HARBOR
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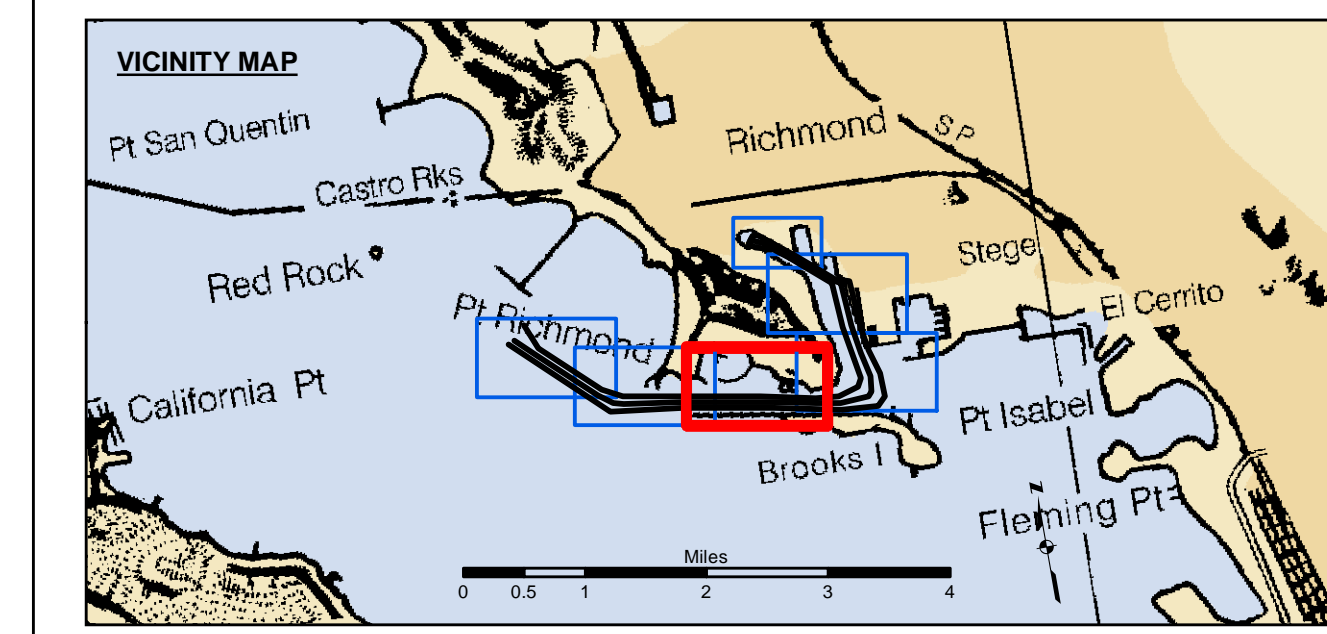
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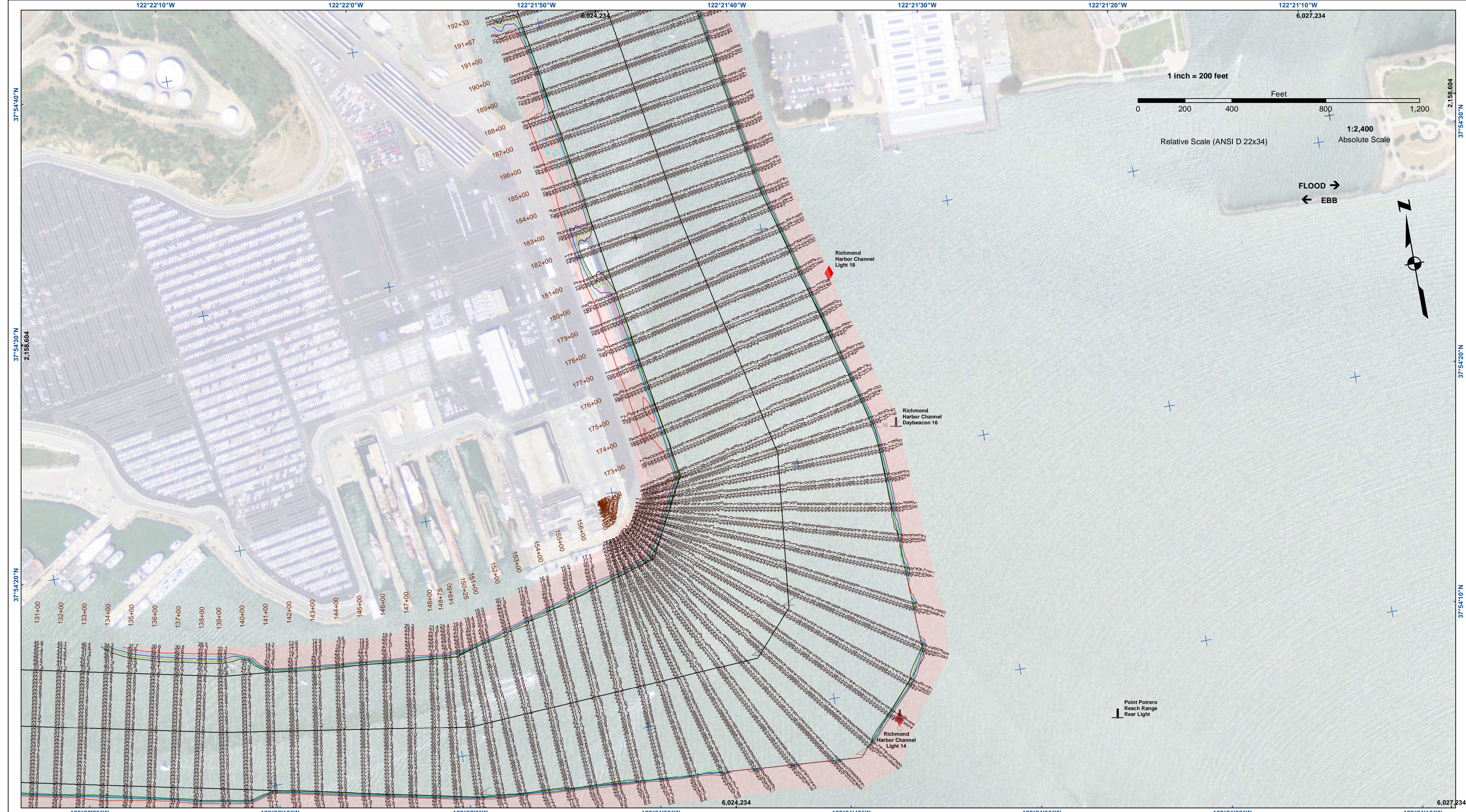
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TIDE GAGE LOCATION: MON B-1.
 HORIZONTAL GPS CONTROL: COAST GUARD D-BEACON.
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PREPARED UNDER THE DIRECTION OF JOHN D. CUNNINGHAM LT COLONEL, C.E. DISTRICT ENGINEER	Surveyed By:	Chart Date:
Submitted: Hydro Survey Team Leader	Plotted By:	Oct 15, 2020
Recommended: Chief, Hydro Survey Section	Checked By:	Designed by:
Approved: Chief, Construction Branch	PDT	PDT
	Drawn by:	PDT

CALIFORNIA
 ALAMEDA COUNTY
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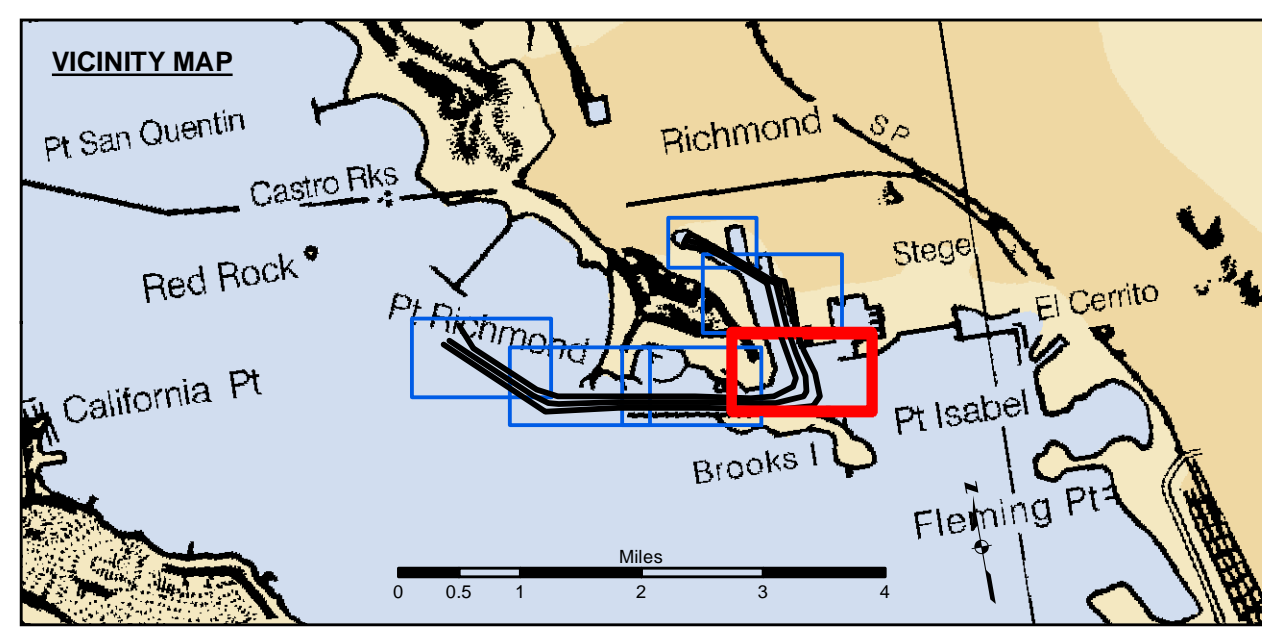
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Prepared Under the Direction of	Chart Date:	Oct 15, 2020
JOHN D. CUNNINGHAM	Surveyed By:	PDT
LT COLONEL, C.E., DISTRICT ENGINEER	Plotted By:	PDT
Subject: Hydro Survey Team Leader	Recommended:	Chief, Hydro Survey Section
Approved:	Checked By:	PDT
	Drawn by:	PDT

ALAMEDA COUNTY
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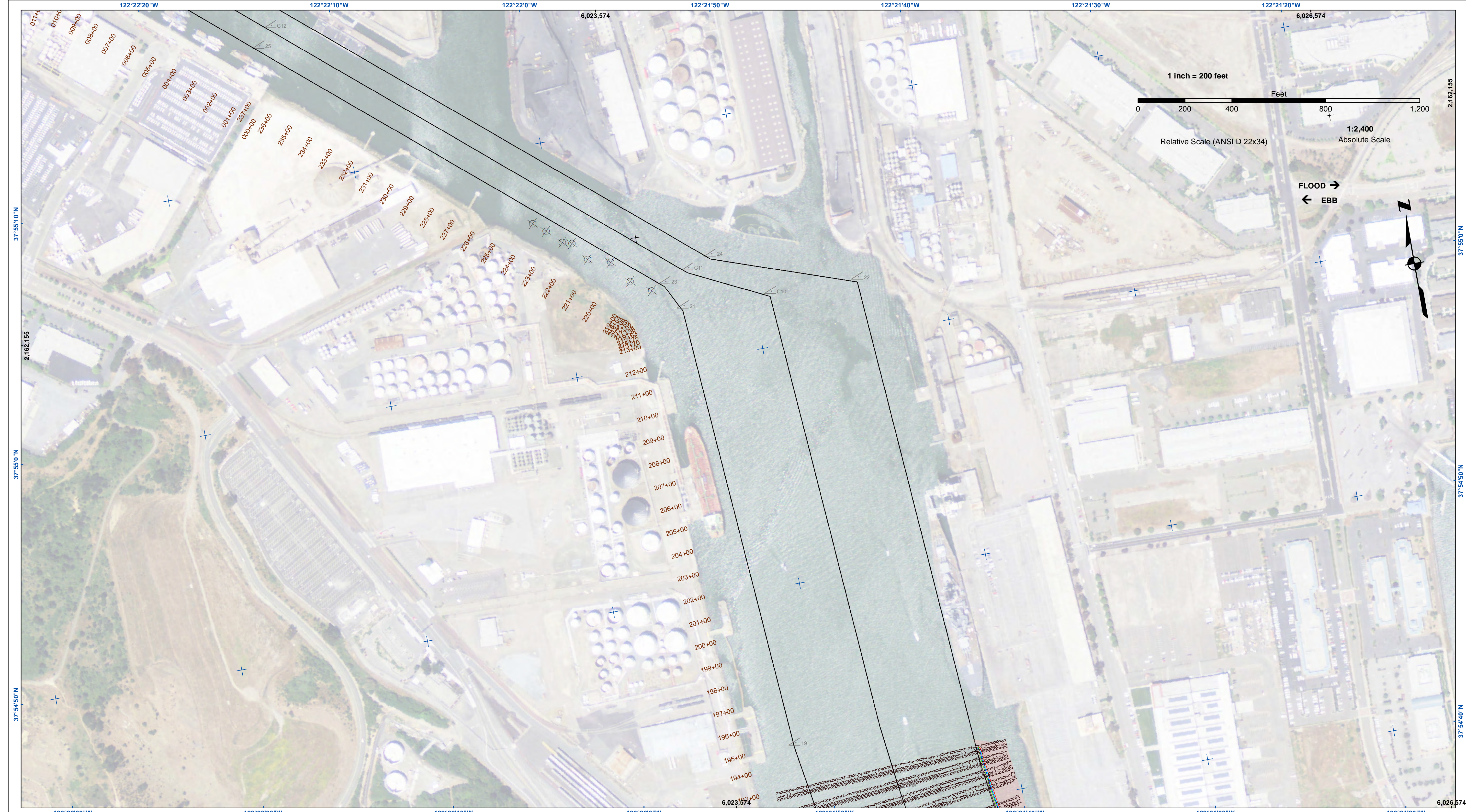
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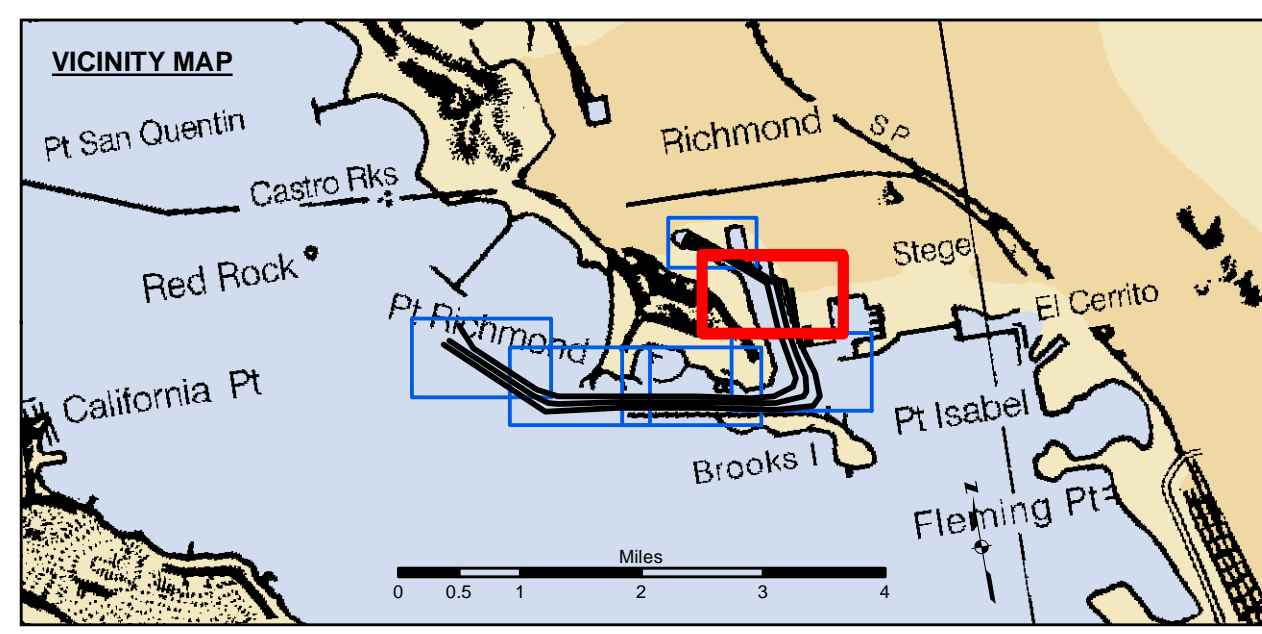
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 San Francisco District
 450 Golden Gate Ave
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1 inch = 200 feet
 Feet
 0 200 400 800 1,200
 Relative Scale (ANSI D 22x34) 1:2,400 Absolute Scale

FLOOD →
 ← **EBB**

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Designed by:	PDT
Drawn by:	PDT
Surveyed By:	PDT
Plotted By:	PDT
Checked By:	PDT
Approved:	Chief, Construction Branch



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