

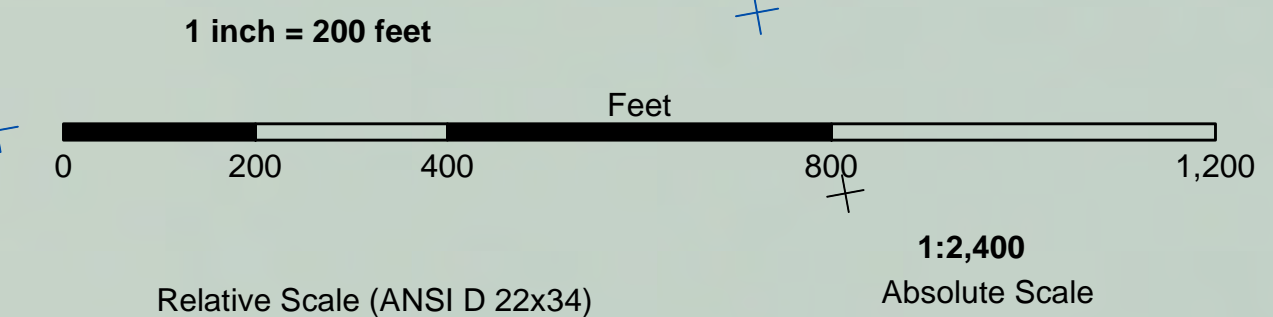
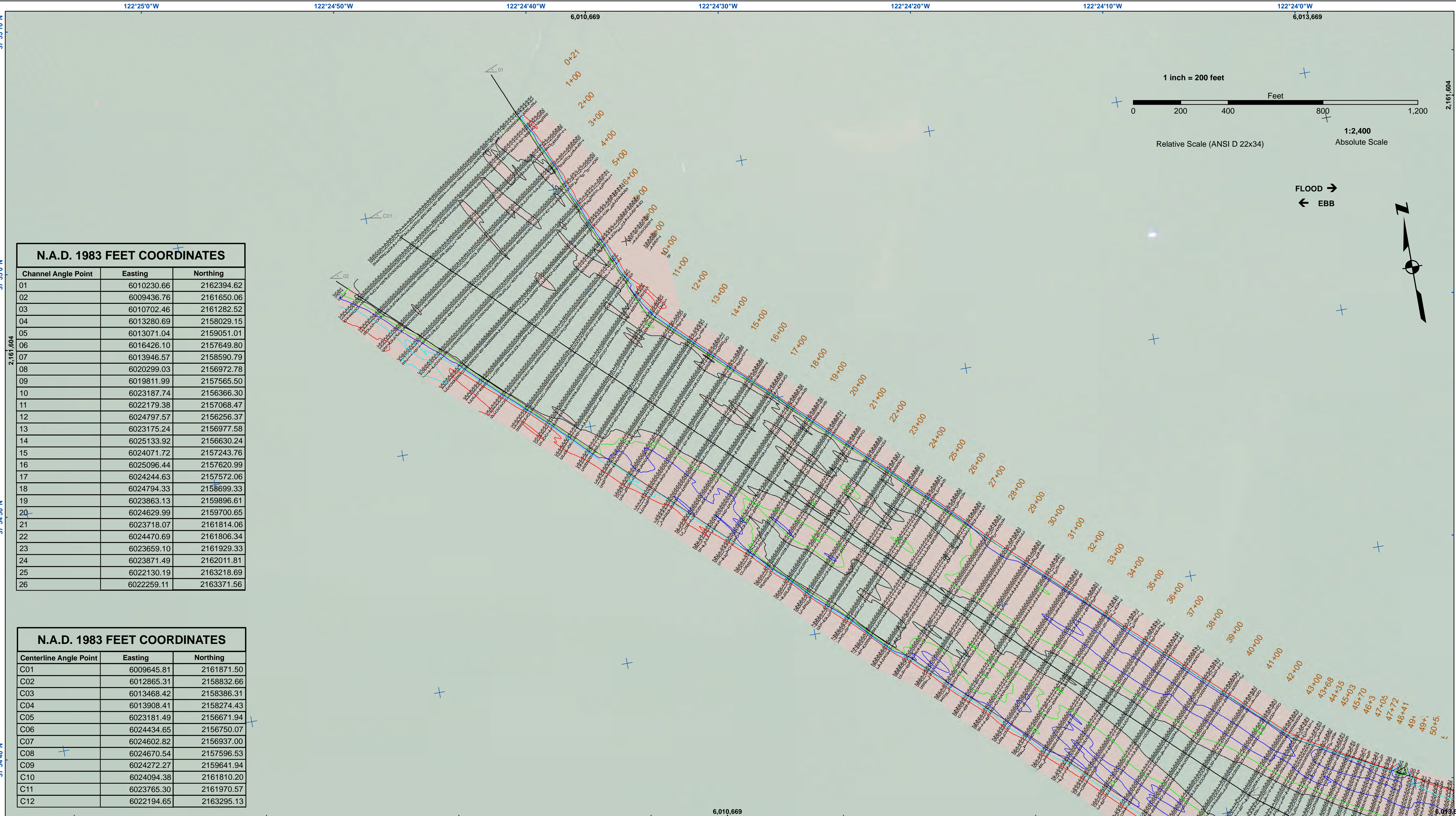


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| | |
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| Chart Date: | Mar 04, 2019 |
| Designed by: | PDT |
| Drawn by: | PDT |
| Checked by: | PDT |
| Approved: | Chief, Construction Branch |

ALAMEDA COUNTY
RICHMOND INNER HARBOR
 CONDITION SURVEY
 26 FEBRUARY 2019

Sheet Reference Number
 1 of 5

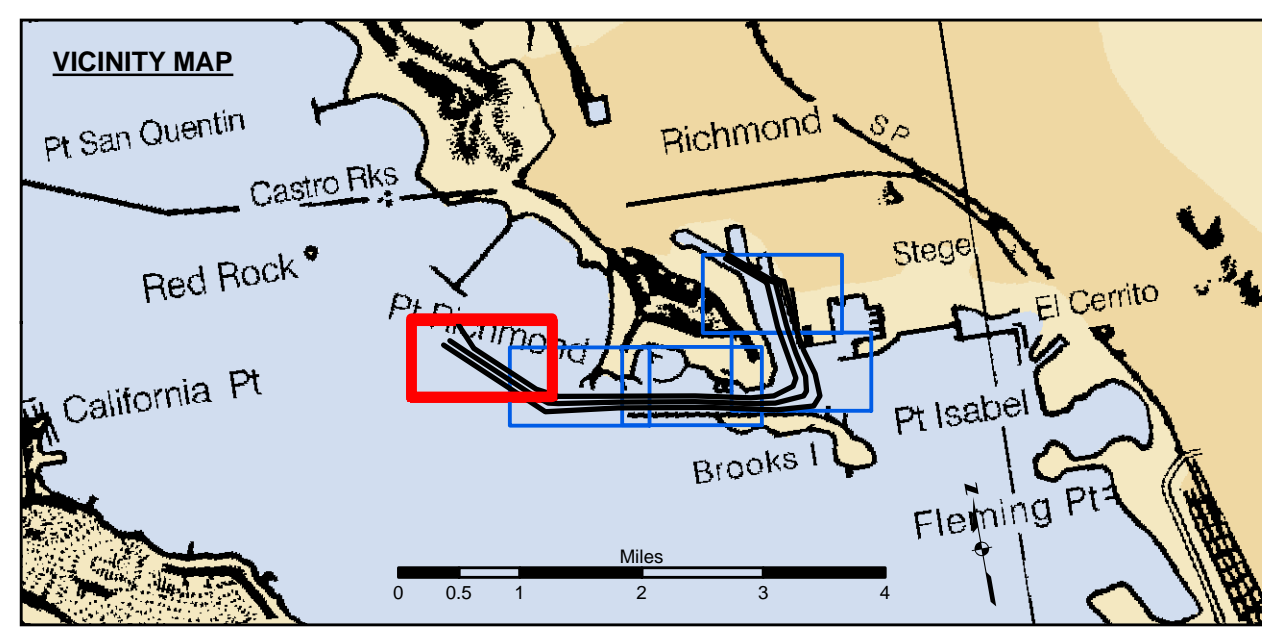


N.A.D. 1983 FEET COORDINATES

| 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 |



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

NOTES:
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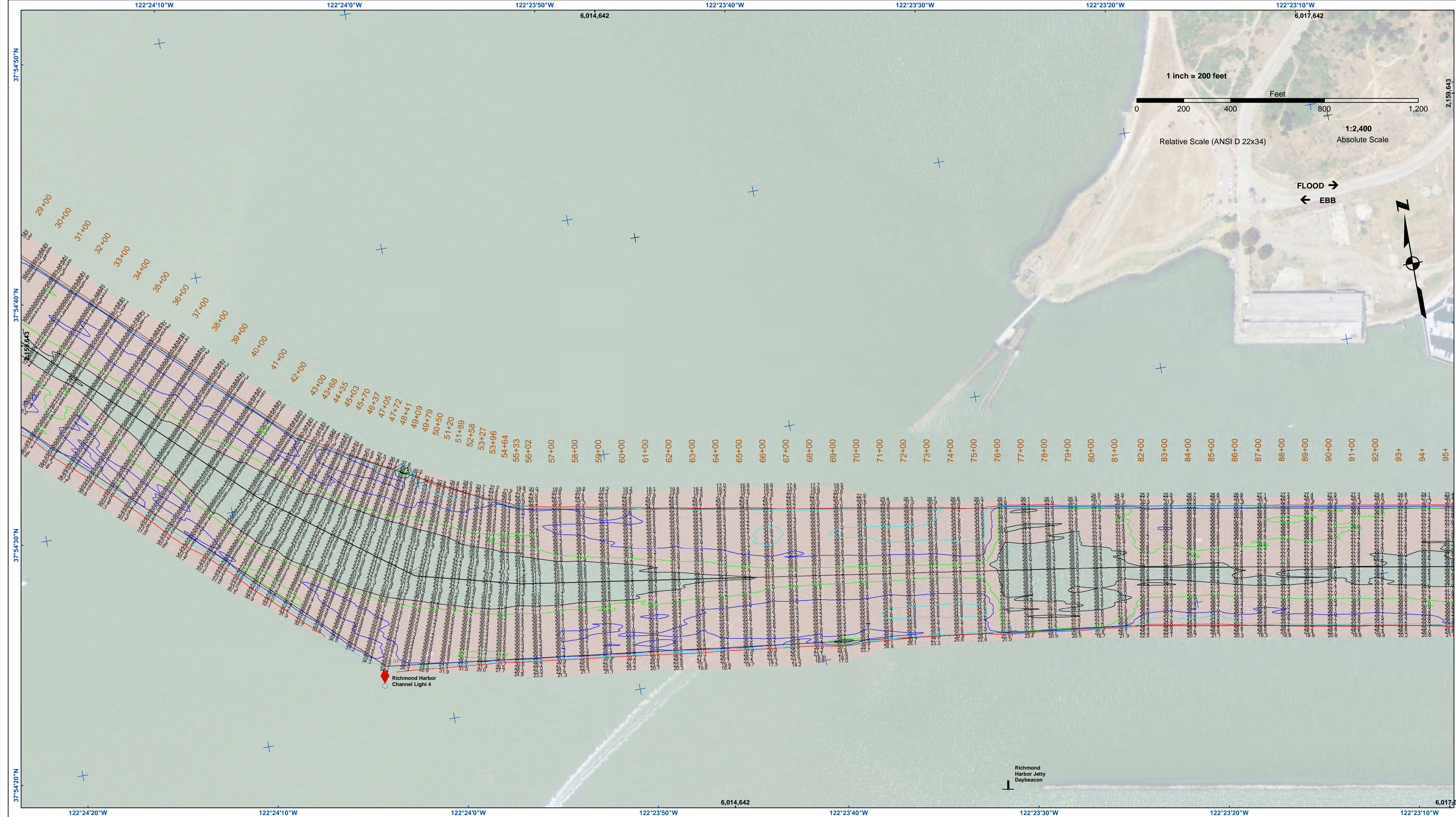
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 SANTE FE CHANNEL - 30 FEET.

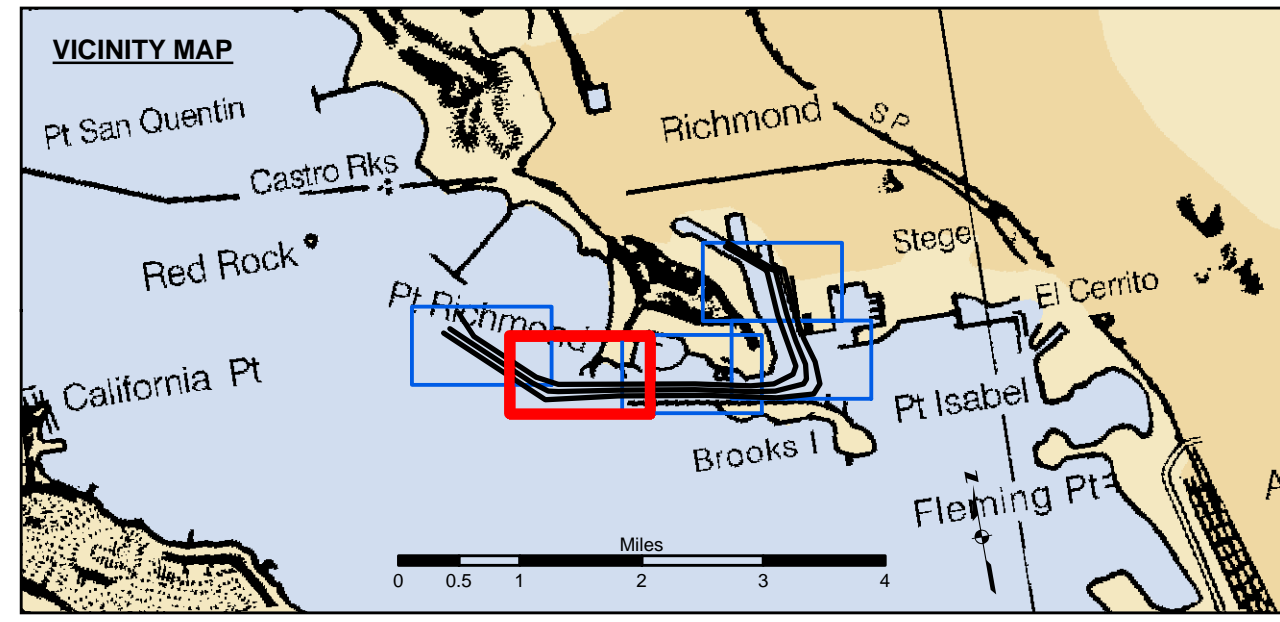
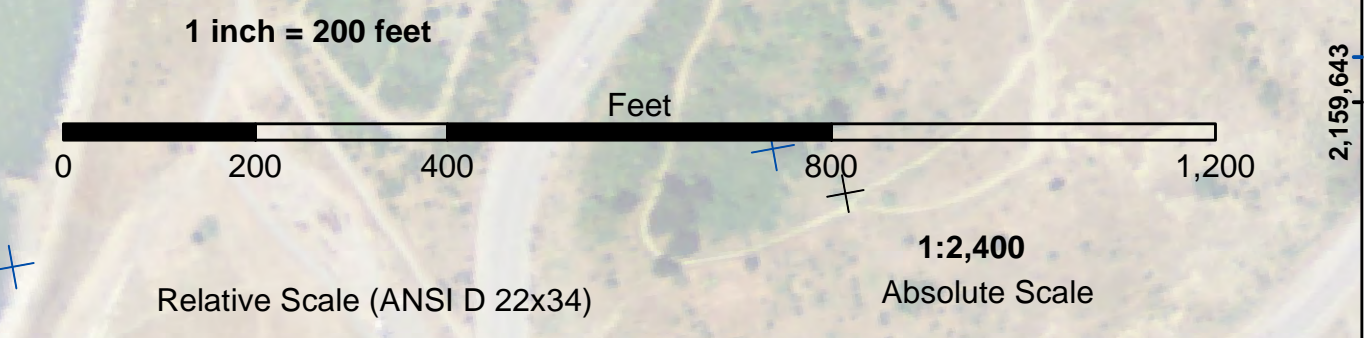
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 BENCHMARK #2 (1032) USCGS DISK OLD FORD PLANT 16.0R25 FT. MLLW.
 B.M. LS 2769 CITY OF RICHMOND DISK PAVEMENT 13.971 FT. MLLW.

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



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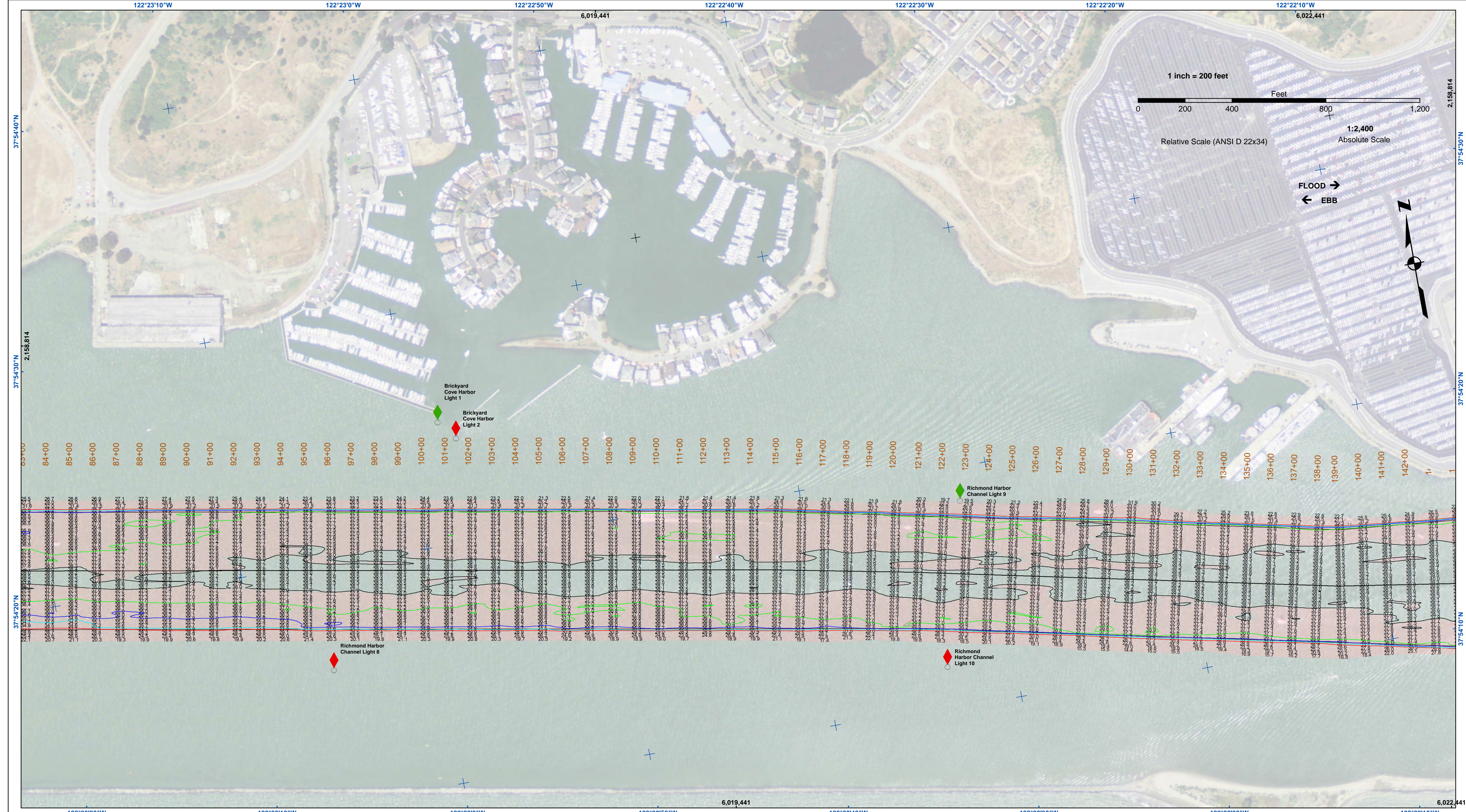
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| | |
|--|--------------------------|
| Prepared Under the Direction of TRAVIS J. RAYFIELD LT COLONEL, C.E. DISTRICT ENGINEER | Chart Date: Mar 04, 2019 |
| Subject: Hydro Survey Team Leader | Designed by: PDT |
| Recommended: Chief, Hydro Survey Section | Drawn by: PDT |
| Approved: Chief, Construction Branch | PDT |

ALAMEDA COUNTY
RICHMOND INNER HARBOR
 CONDITION SURVEY
 26 FEBRUARY 2019

Sheet Reference Number
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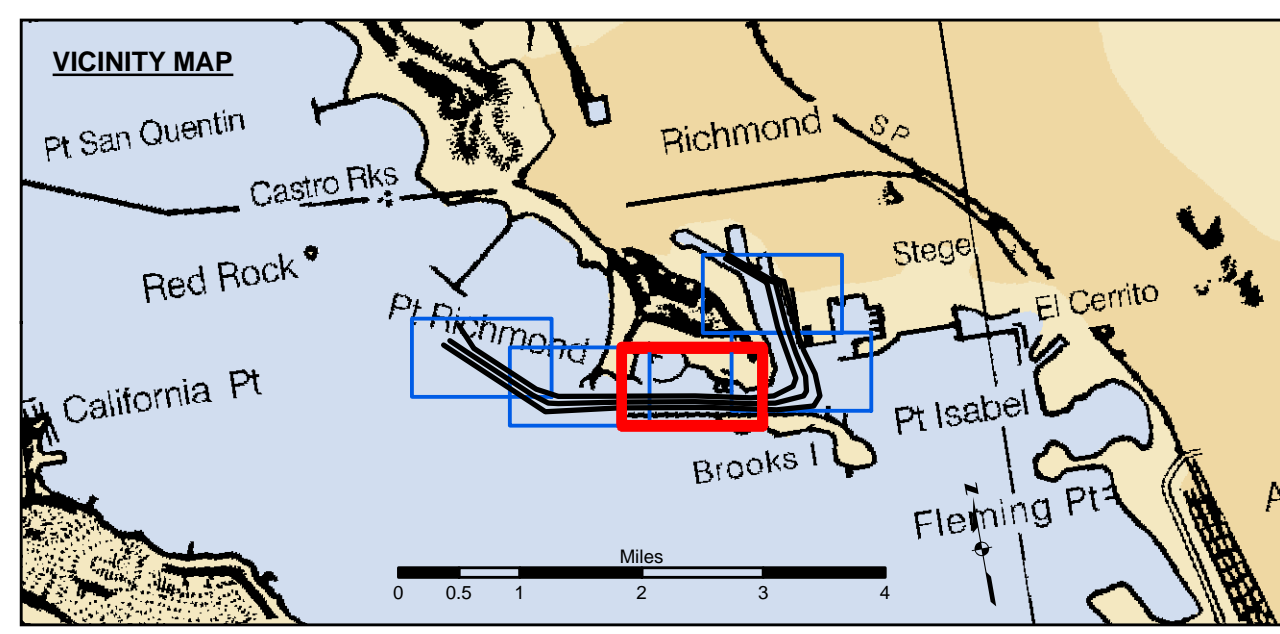


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| Surveyed By: | PDT |
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ALAMEDA COUNTY
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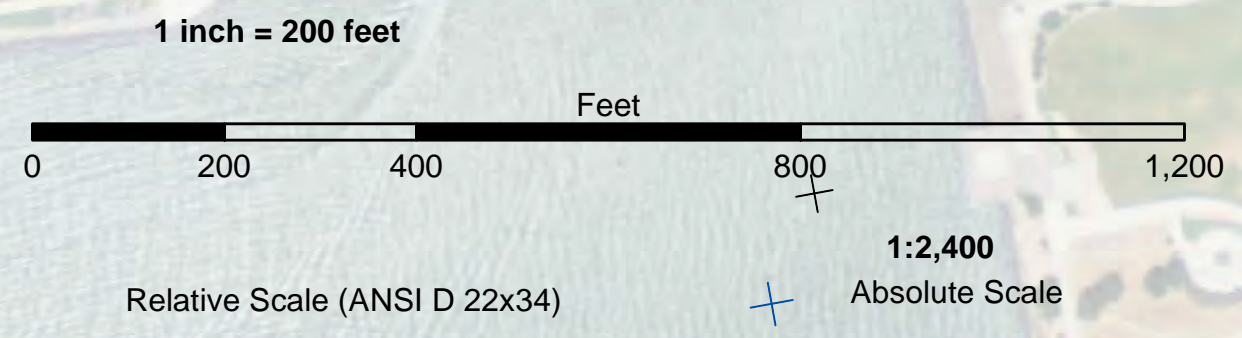
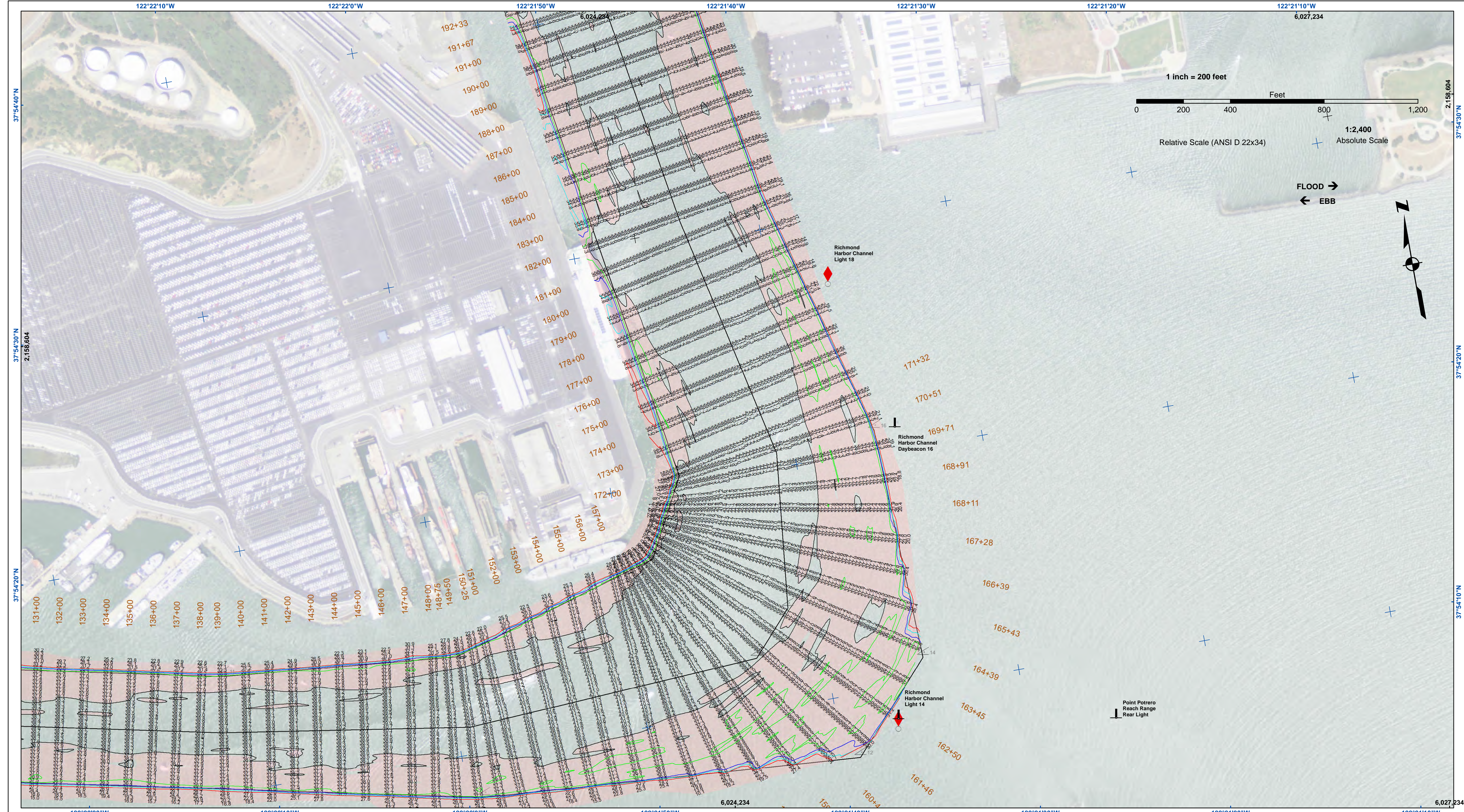
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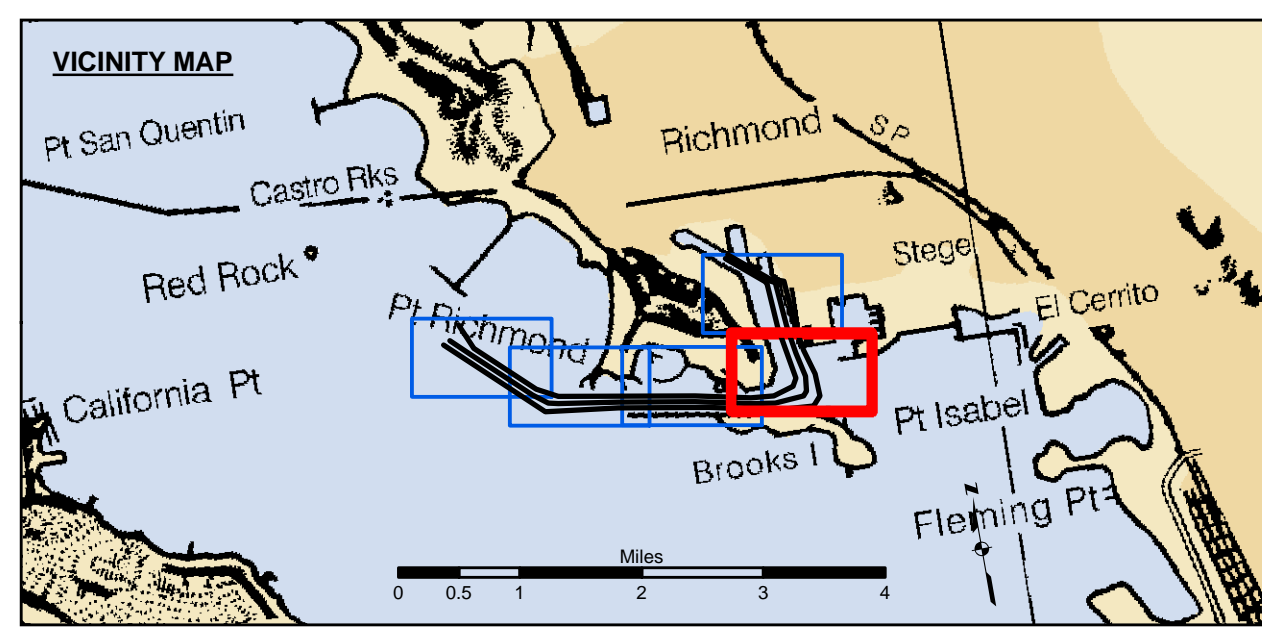


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| Plotted By: | PDT |
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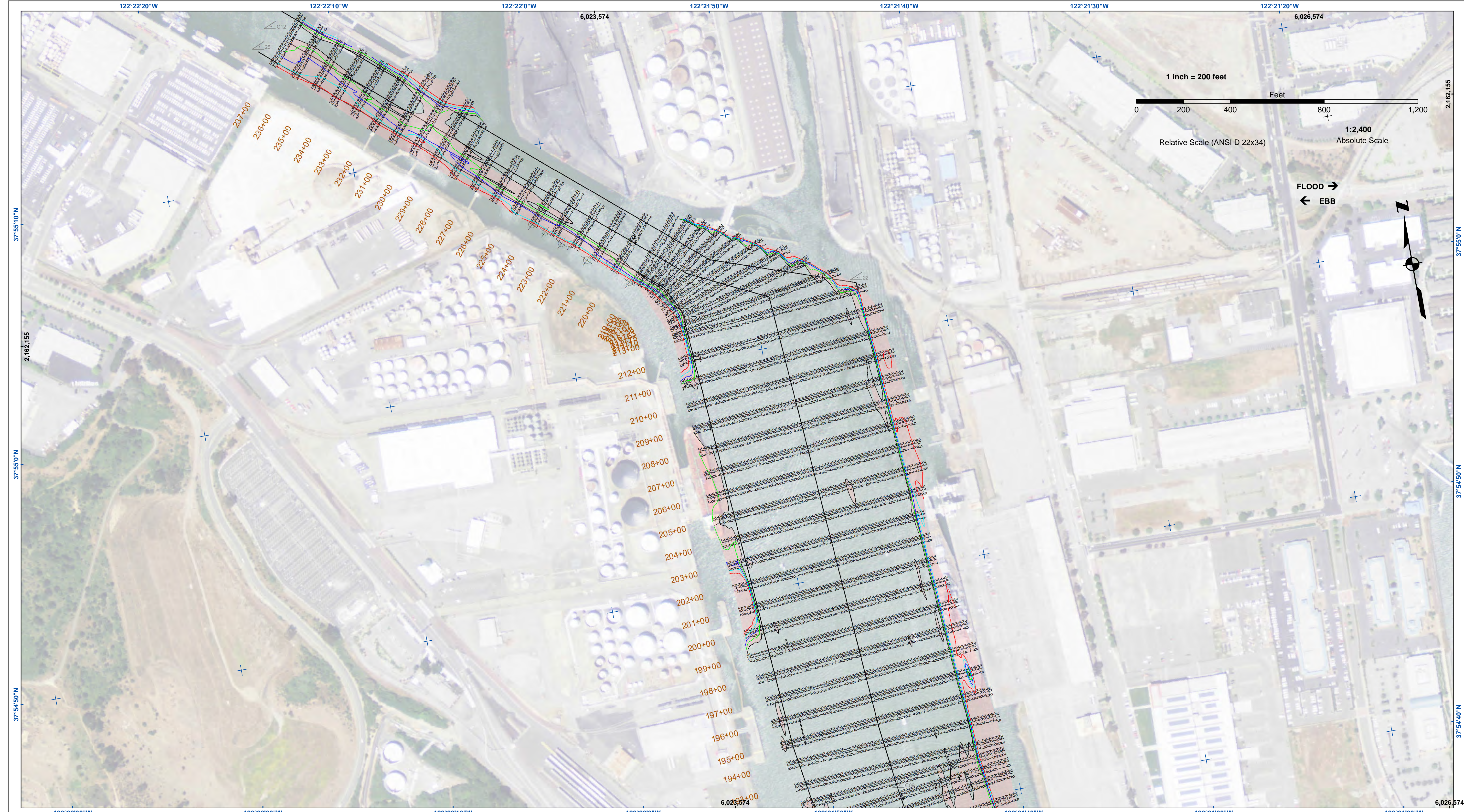
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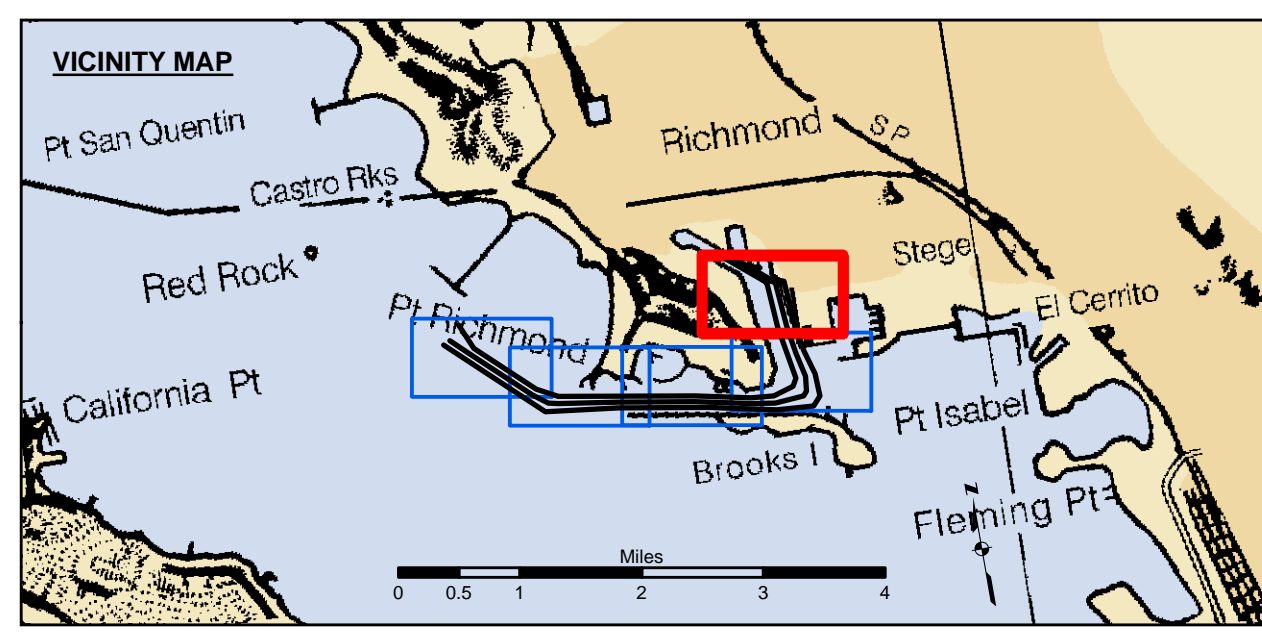
1 inch = 200 feet
 0 200 400 800 1,200 Feet
 Relative Scale (ANSI D 22x34) 1:2,400 Absolute Scale

FLOOD →
← EBB

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