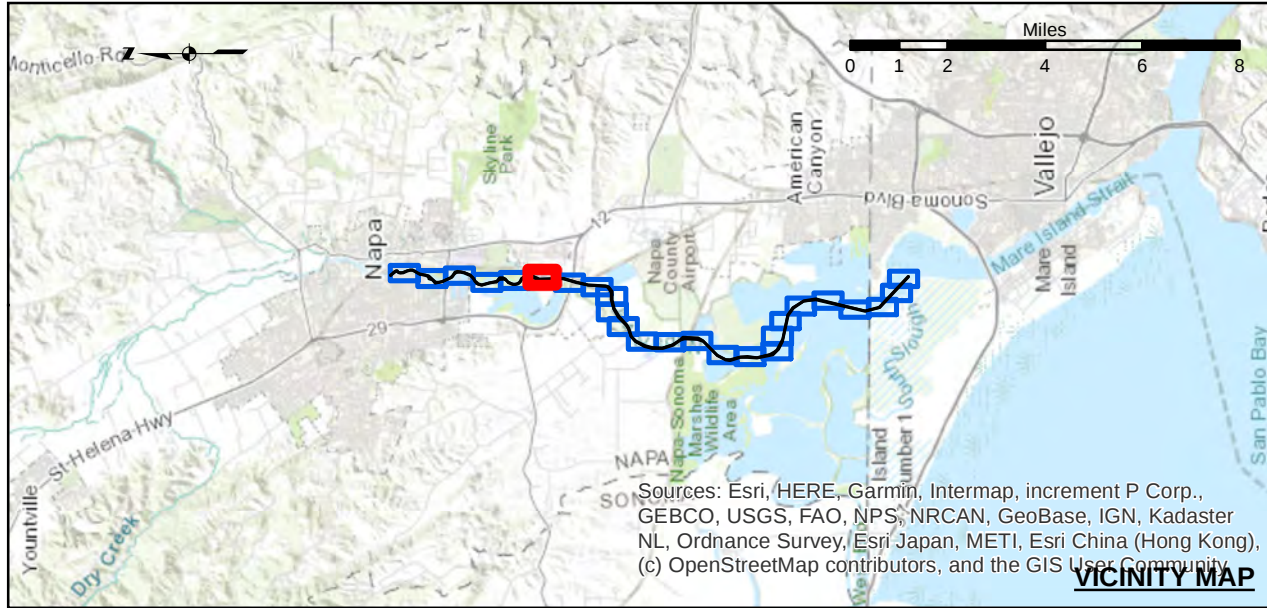
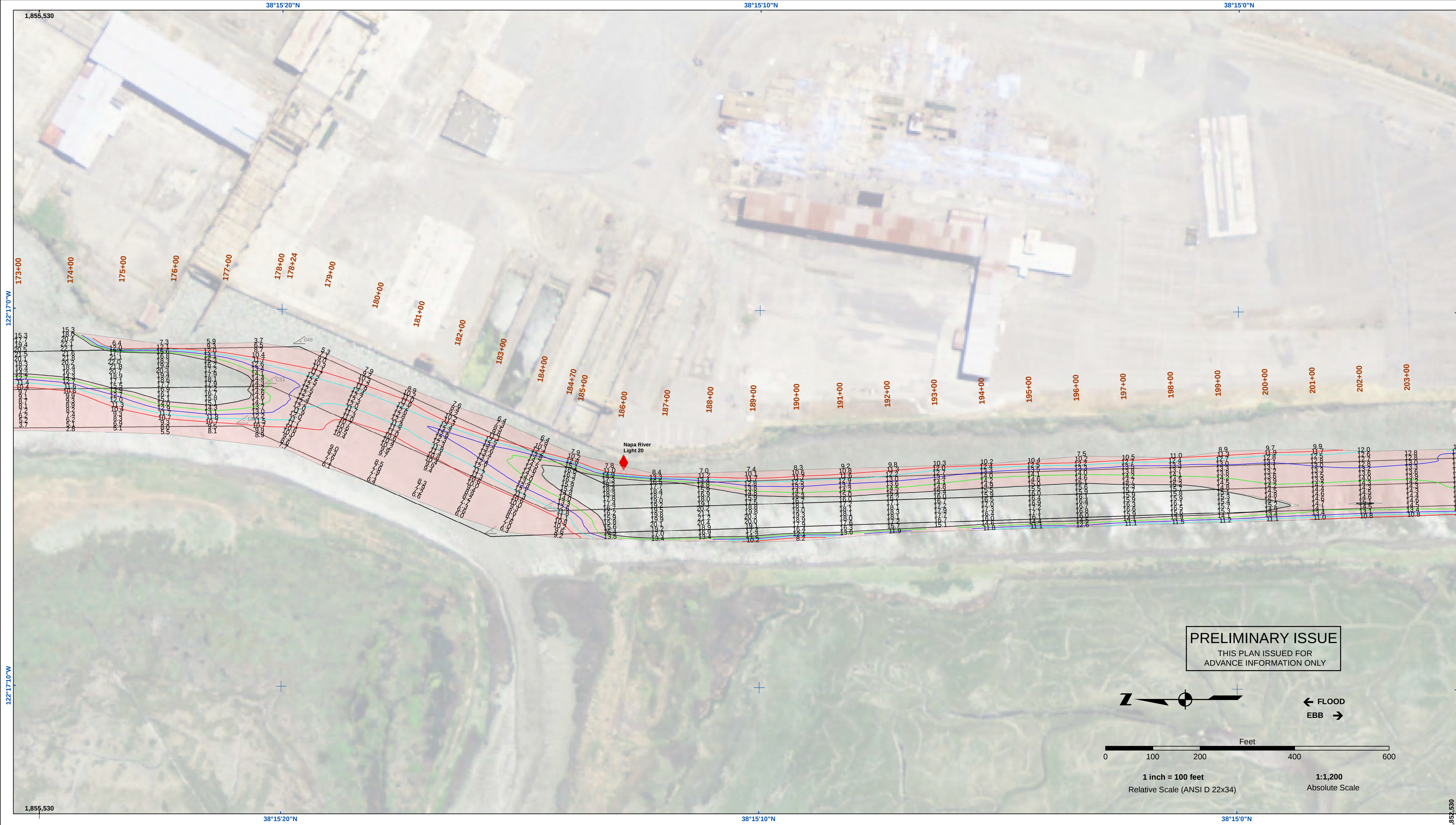




- Federal Navigation Channel

Shoaling Area

Placement Area

Anchorage Area

Wreck Area

Submerged Wreck

Angle Point

Beacon, General

Obstruction Point

Navigation Buoy

Navigation Buoy

Shoalest Sounding*

Contours

-15

-14

-13

-12

-11
- NOTES:
HORIZONTAL COORDINATE SYSTEM:
NORTH AMERICAN DATUM OF 1983 (NAD83), PROJECTED TO THE STATE PLANE COORDINATE SYSTEM (SPCS), CALIFORNIA ZONE II. DISTANCE UNITS IN U.S. SURVEY FEET.

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0+00 TO 175+00 - NRFP4 - 30.54ft - USACE - RTK BASE STATION TRANSECT 11 - 6.593m MLW - USACE - MLW LEVELED FROM 20 AND TIDAL 5 FROM TIDE STATION 941 5623 ON 3/29/2012.

176+00 TO 224+00 - NAPA01 - 2.652m MLW, -29.111m WGS-84 - USACE - RTK BASE STATION WGS-84 ELEVATION FROM OPUS SOLUTION MLW ELEV. CALCULATED FROM TRANSECT 11 AND NRFP4 USING RTK OBSERVATIONS PID PENDING.

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- US Army Corps
of Engineers

San Francisco District
450 Market Street
San Francisco, CA 94102
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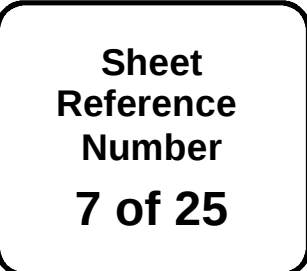
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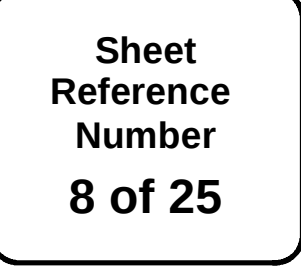
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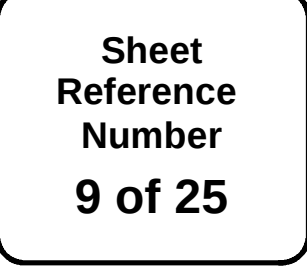
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- | | | |
|--|--------------|--------------|
| Prepared Under the Direction of
TIMOTHY W. SHEBESTA
LT COLONEL, C.E. DISTRICT ENGINEER | Surveyed By: | Chart Date: |
| Submitted:
Hydro Survey Team Leader | Plotted By: | Designed by: |
| Recommended:
Chief, Hydro Survey Section | Checked By: | Drawn by: |
| Approved:
Chief, Construction Branch | PDT | PDT |
- CALIFORNIA

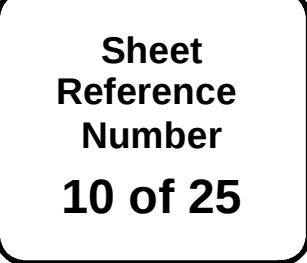
NAPA COUNTY

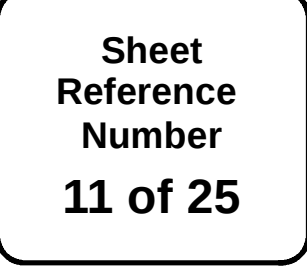
NAPA RIVER
LOWER NAPA
CONDITION SURVEY
06-11 SEPTEMBER 2023
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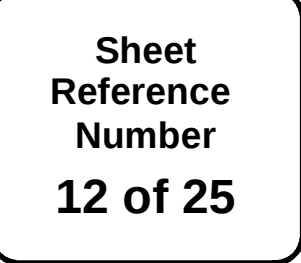


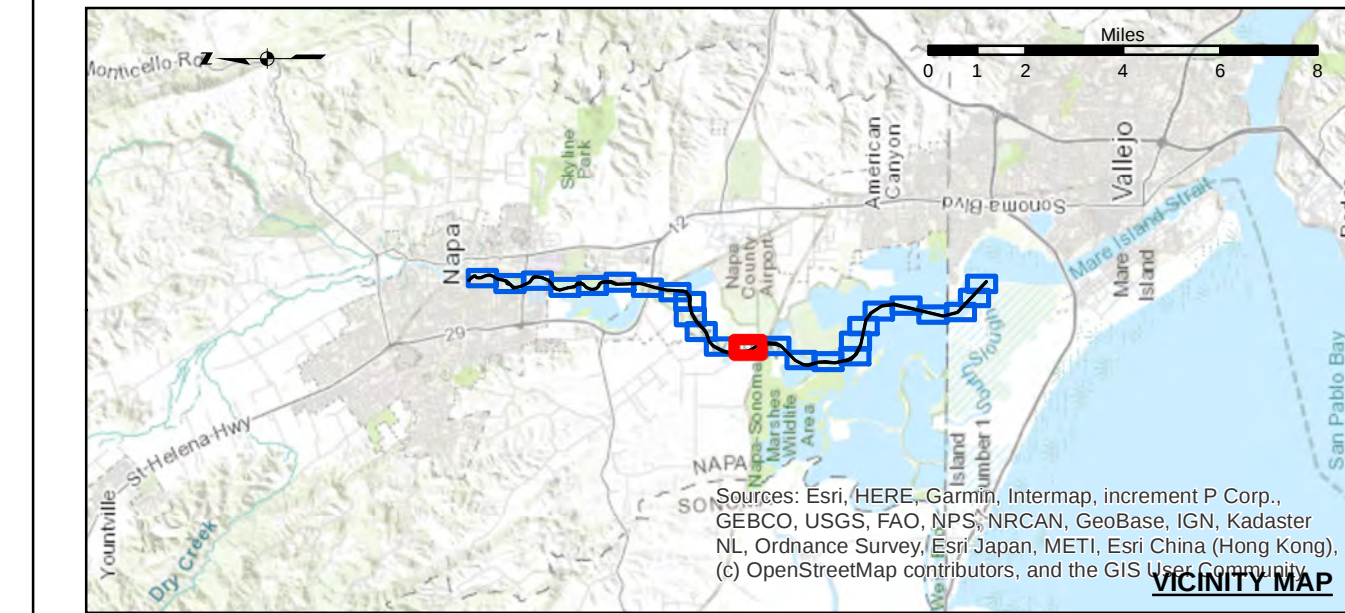


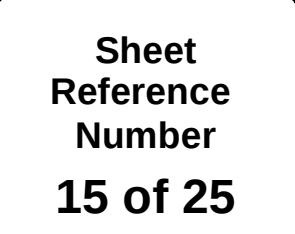


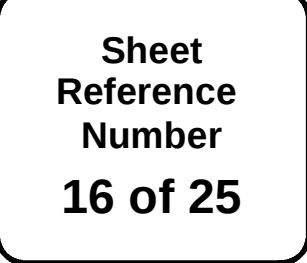


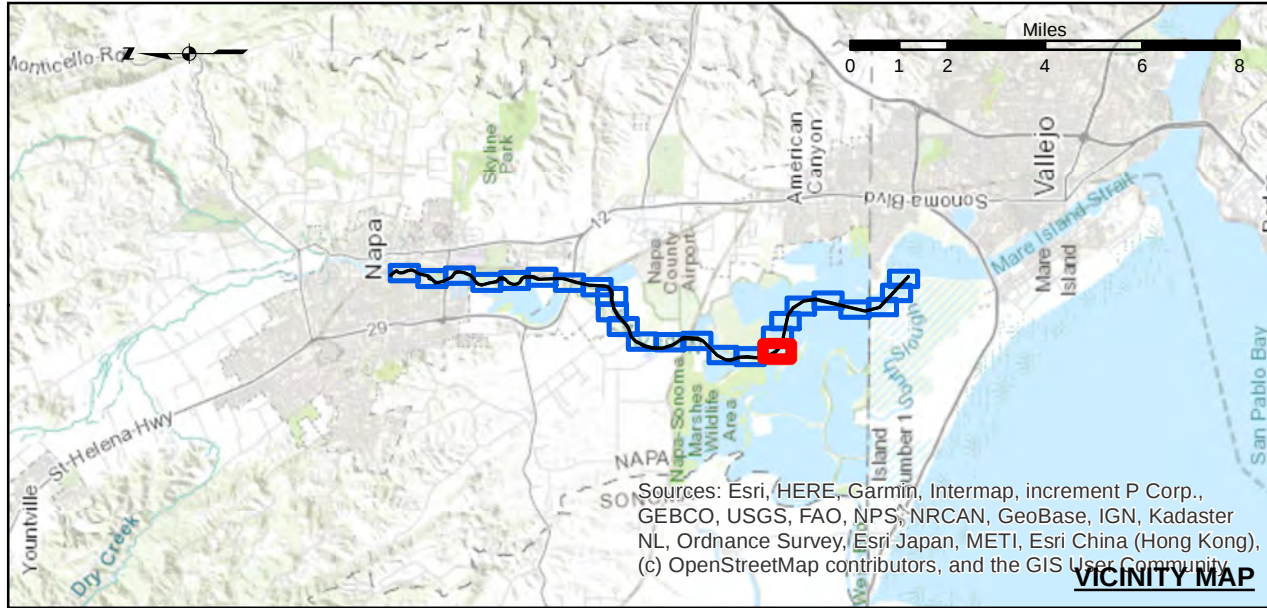
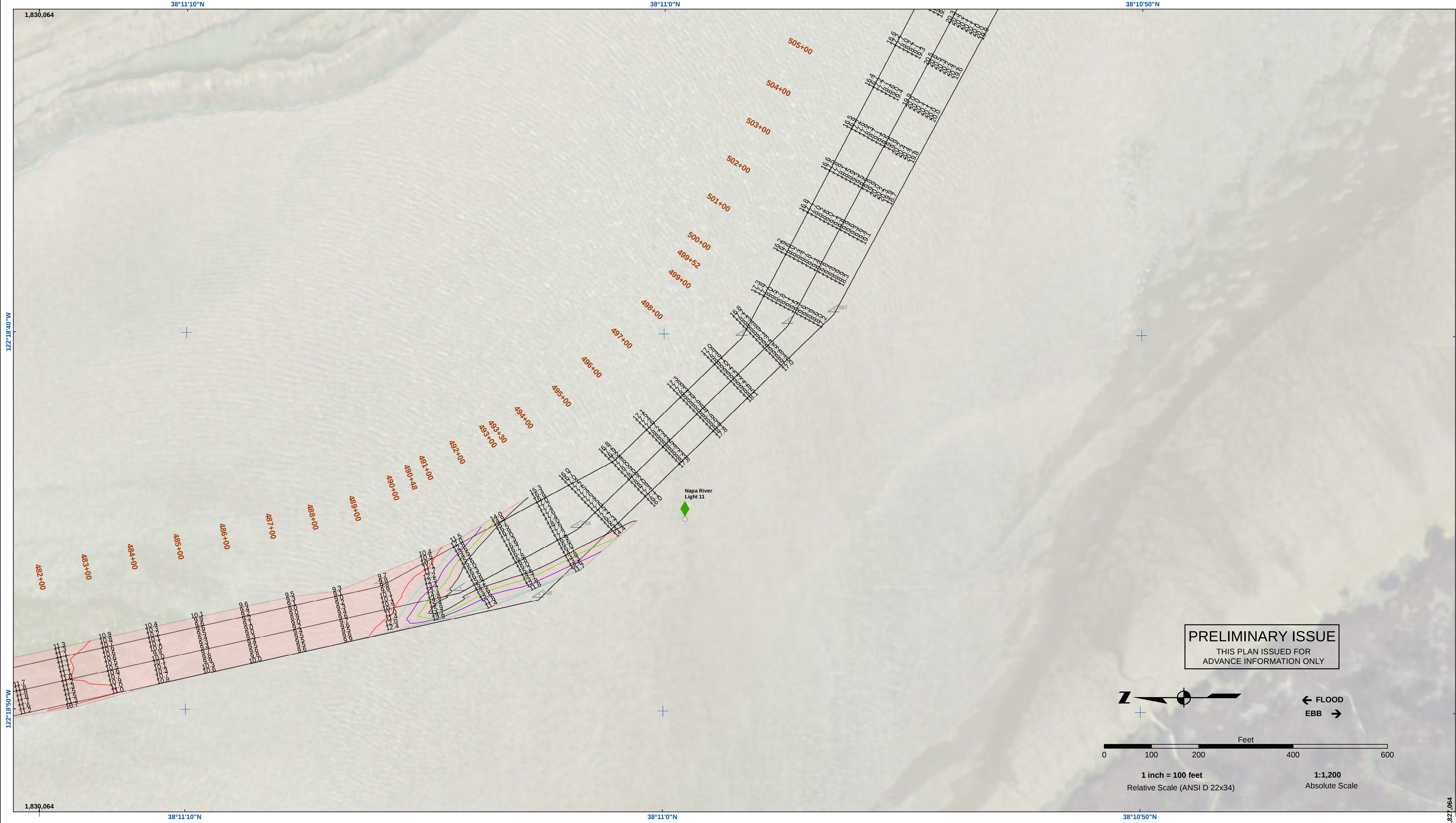












- Federal Navigation Channel

Shoaling Area

Placement Area

Anchorage Area

Wreck Area

Submerged Wreck

Angle Point
- Beacon, General

Obstruction Point

Navigation Buoy

Navigation Buoy

Shoalest Sounding*

Contours

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US Army Corps
of Engineers

San Francisco District
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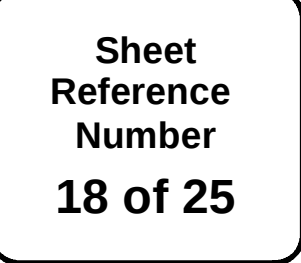
PREPARED UNDER THE DIRECTION OF TIMOTHY W. SHEBESTA LT COLONEL, C.E. DISTRICT ENGINEER	Surveyed By:	Chart Date:
Submitted: Hydro Survey Team Leader	Plotted By:	Designed by:
Recommended: Chief, Hydro Survey Section	Checked By:	Drawn by:
Approved: Chief, Construction Branch	PDT	PDT

CALIFORNIA

NAPA COUNTY

NAPA RIVER
LOWER NAPA
CONDITION SURVEY
06-11 SEPTEMBER 2023

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PREPARED UNDER THE DIRECTION OF TIMOTHY W. SHEBESTA LT COLONEL C.E. DISTRICT ENGINEER	Submitted:	Hydro Survey Team Leader	Surveyed By: _____ Chart Date: Sep 13, 2023
	Recommended:	_____	
	Approved:	Chief, Hydro Survey Section	Designed by: _____
	Approved:	Construction Branch	Drawn by: _____

NAPA COUNTY

NAPA RIVER

LOWER NAPA

CONDITION SURVEY

06-11 SEPTEMBER 2023

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