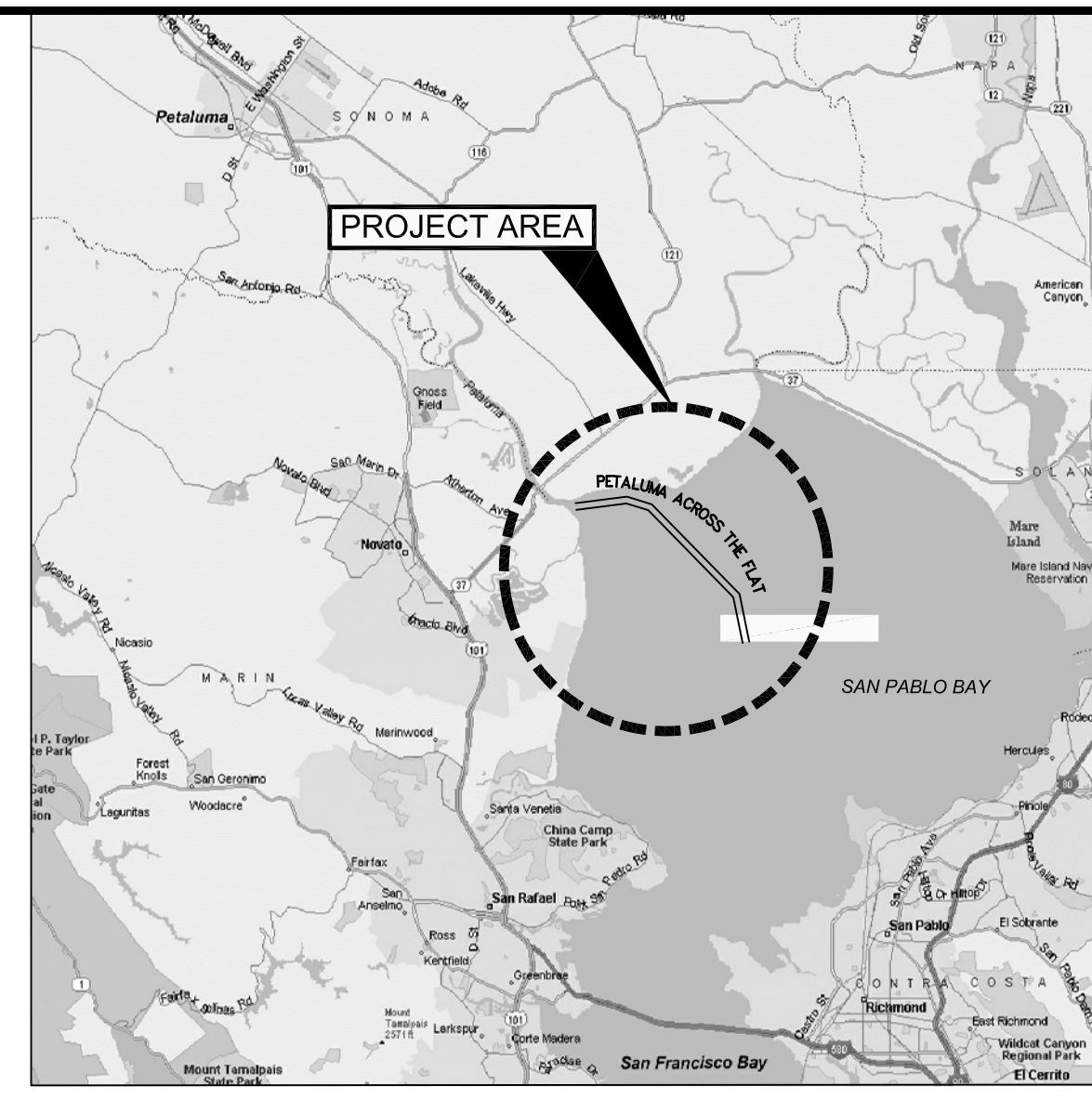
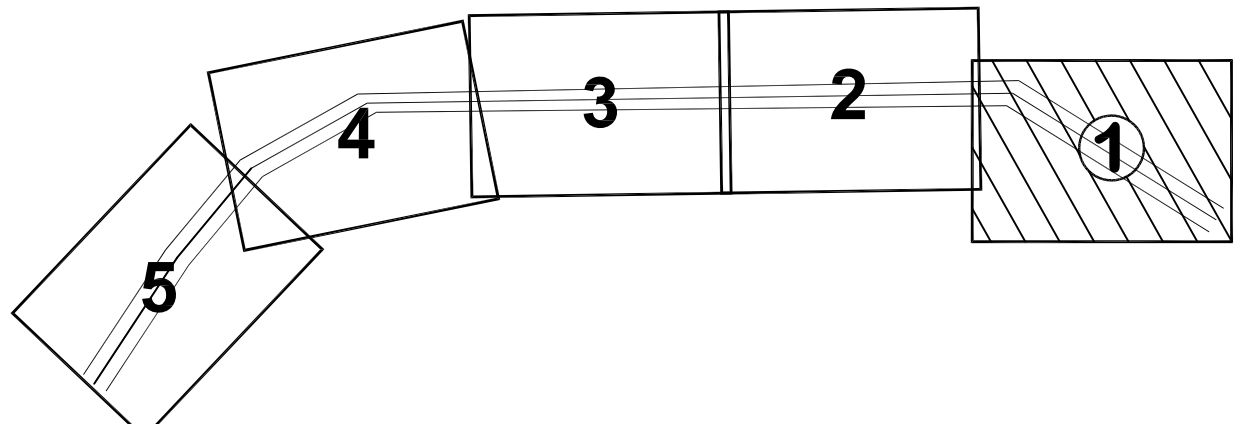


PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY



VICINITY MAP
NOT TO SCALE

SHEET INDEX



NOTES:

DRAWING NOT TO BE USED AS NAVIGATION CHART ONLY
CHANNEL CONDITION AT DATE OF SURVEY THE LOCATION
OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION
PROVIDED BY THE U.S. COAST GUARD BUOY LOCATIONS
REPRESENT THE POSITION OF THE SINKER ONLY.

SURVEYED BY THE CORPS OF ENGINEERS.
28-29 JULY & 03 AUGUST 2010.

SOUNDINGS ARE TAKEN BY FATHOMETER AND ARE SHOWN
TO THE NEAREST FOOT AND TENTHS OF A FOOT.

SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER
LOW WATER AT THE LOCALITY.

PLANE GRID, BEARING AND COORDINATES ARE BASED ON
THE STATE OF CALIFORNIA COORDINATE SYSTEM, LAMBERT
CONFORMAL PROJECTION, ZONE III NAD 83, CALIFORNIA, AS
DESCRIBED IN SPECIAL PUBLICATION NO. 253, PUBLISHED
BY NATIONAL OCEAN SURVEY.

THE PROJECT DEPTH IS 8 FEET AT M.L.L.W.

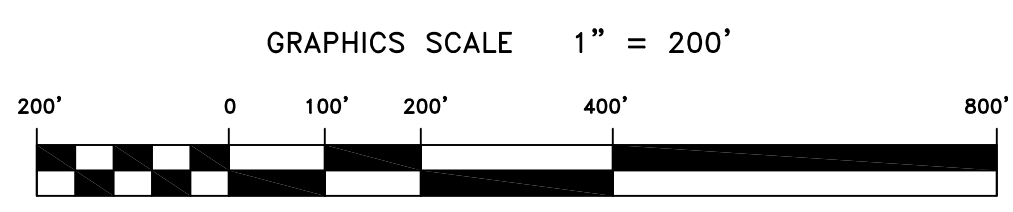
SOUNDINGS ARE BASED ON THE TIDE GAUGE LOCATED AT
THE CHANNEL MARKER 4, 10, 16

HORIZONTAL CONTROL: DESIGNATION, SOURCE, XYZ
PRIMARY: RTK GPS VIA VRS NETWORK
SECONDARY: COAST GUARD D-BEACON

VERTICAL CONTROL: BENCHMARK, MMLW ELEV., AGENCY
MON. "UNSTAMPED" USCGS DISK, SW CONCRETE PIER OF
R/R DRAWBRIDGE OVER CREEK, ELEV. 8.86 MLLW AND
NAVD 88 DATUM.

NAD 1983 CENTERLINE ANGLE POINTS		
∠ PT	X	Y
C1	6006782.40	2212407.27
C2	6006810.30	2218195.07
C3	5998998.10	2230943.37
C4	5996334.20	2232481.37
C5	5993681.30	2232908.57
C6	5990186.70	2233072.07

NAD 1983 CHANNEL ANGLE POINTS		
∠ PT	X	Y
1	6006782.40	2212407.27
2	6006910.90	2218222.27
3	5999070.10	2231017.27
4	5996368.30	2232577.17
5	5993697.20	2233007.27
6	5990191.40	2233171.97
7	5990182.10	2232972.17
8	5993665.40	2232809.77
9	5996300.10	2232385.57
10	5998926.10	2230869.47
11	6006709.60	2218167.87
12	6006582.50	2212411.87



US Army Corps
of Engineers
San Francisco District
1455 Market Street
San Francisco, CA 94103

Mark	Description	Date	Appr.

DESIGNED BY:	CHECKED BY:	DRAWN BY:	PDT
TORREY A. DICIRO	PDT	PDT	PDT
DATE: 08/05/2010	SHEET NO. 1 OF 5	DRAWING NO. S2	2
APPROVAL RECOMMENDED: STEPHEN P. KILMON, PSM CHIEF, Geomatics Section			PREPARED UNDER THE DIRECTION OF TORREY A. DICIRO LT. COLONEL, C.E., DISTRICT ENGINEER

CALIFORNIA
SONOMA COUNTY
**PETALUMA RIVER
ACROSS THE FLAT**
CONDITION SURVEY
28-29 JULY & 03 AUGUST 2010

Sheet
reference
number
G1