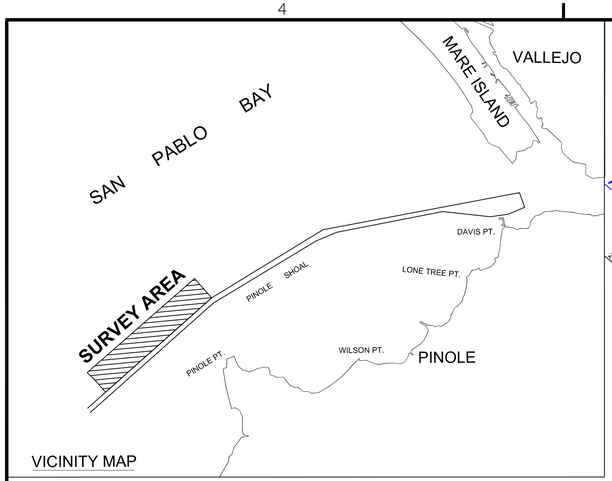
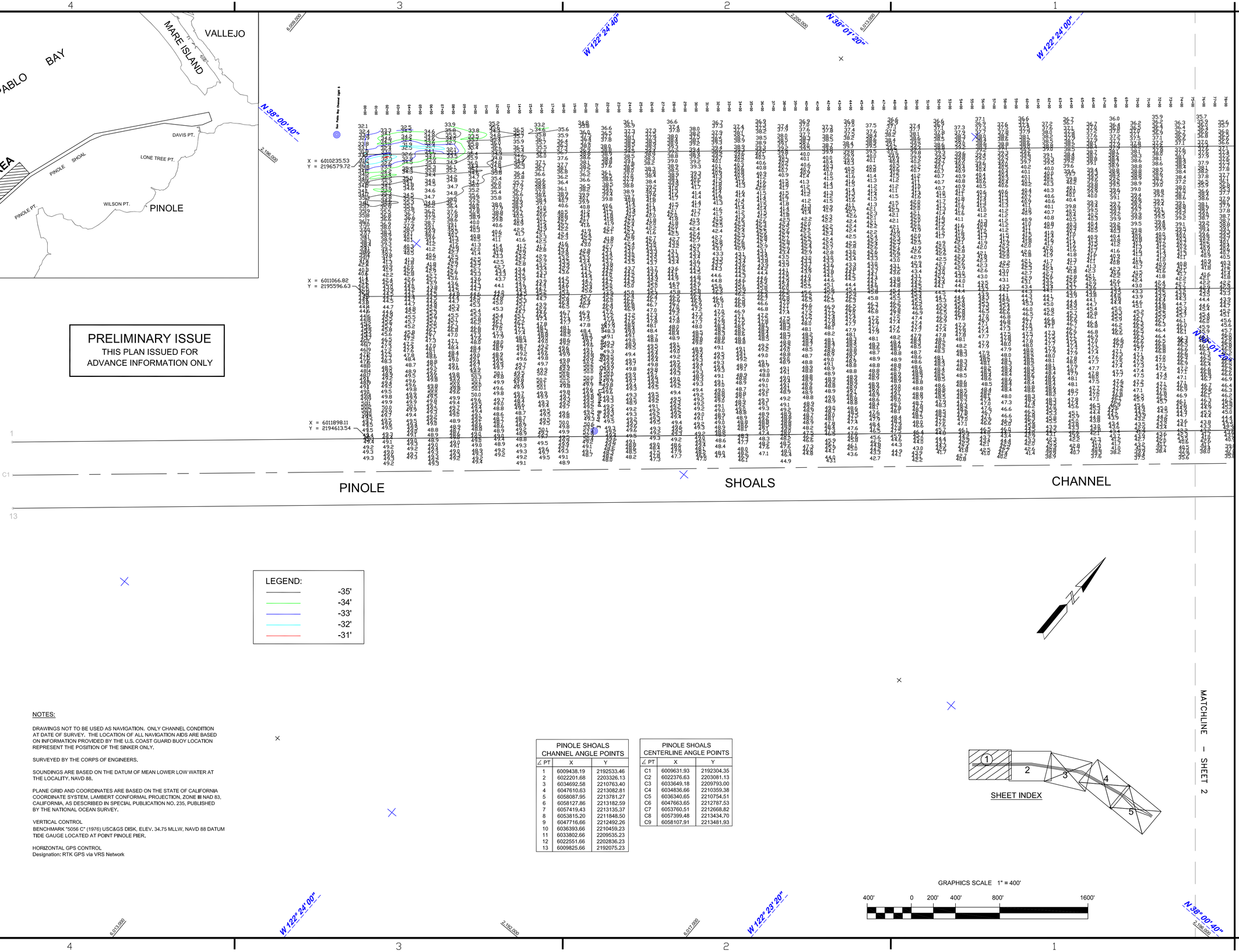


VICINITY MAP



PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

LEGEND:

	-35'
	-34'
	-33'
	-32'
	-31'

NOTES:

DRAWINGS NOT TO BE USED AS NAVIGATION. 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 LOCATION REPRESENT THE POSITION OF THE SINKER ONLY.

SURVEYED BY THE CORPS OF ENGINEERS.

SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY. NAVD 88.

PLANE GRID 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. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

VERTICAL CONTROL
BENCHMARK "5056 C" (1976) USC&GS DISK, ELEV. 34.75 MLLW, NAVD 88 DATUM
TIDE GAUGE LOCATED AT POINT PINOLE PIER.

HORIZONTAL GPS CONTROL
Designation: RTK GPS via VRS Network

PINOLE SHOALS
CHANNEL ANGLE POINTS

∠ PT	X	Y
1	6009438.19	2192533.46
2	6022201.68	2203326.13
3	6034692.58	2210763.40
4	6047610.63	2213082.81
5	6058087.95	2213781.27
6	6058127.86	2213182.59
7	6057419.43	2213135.37
8	6053815.20	2211848.50
9	6047716.66	2212492.26
10	6036393.66	2210459.23
11	6033802.66	2209535.23
12	6022551.66	2202836.23
13	6009825.66	2192075.23

PINOLE SHOALS
CENTERLINE ANGLE POINTS

∠ PT	X	Y
C1	6009631.93	2192304.35
C2	6022376.63	2203081.13
C3	6033649.18	2209793.00
C4	6034836.66	2210359.38
C5	6036340.65	2210754.51
C6	6047663.65	2212787.53
C7	6053760.51	2212668.82
C8	6057399.48	2213434.70
C9	6058107.91	2213481.93

SHEET INDEX

GRAPHICS SCALE 1" = 400'

400' 0 200' 400' 800' 1600'

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

Mark	Description	Date	Appr.

DESIGNED BY:	CHECKED BY: PDT	DRAWN BY: PDT		
DATE: 5/06/2010	SHEET NO. 1 OF 5	DRAWING NO. 3	2	XXX

PREPARED UNDER THE DIRECTION OF
LAURENCE M. FARRELL
LT. COLONEL, C.E., DISTRICT ENGINEER

SUBMITTED: PDT
Hydro. Survey Team Leader

APPROVAL RECOMMENDED:
Chief, Technical Support Section

APPROVED:
Chief, Construction Branch

CALIFORNIA
SAN PABLO BAY
PINOLE SHOALS
SPECIAL CONDITION SURVEY
30 APRIL 2010

Sheet reference number
C1