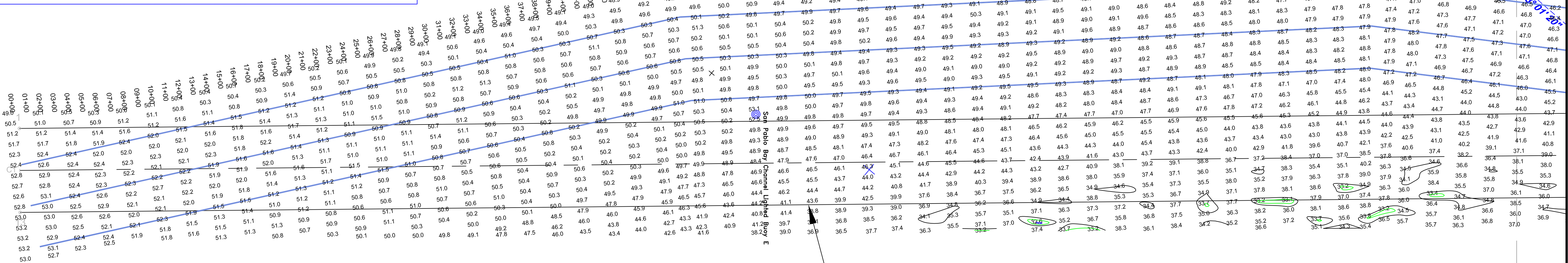




VICINITY MAP

PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

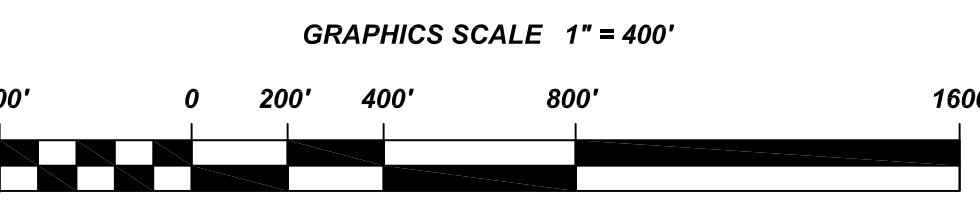
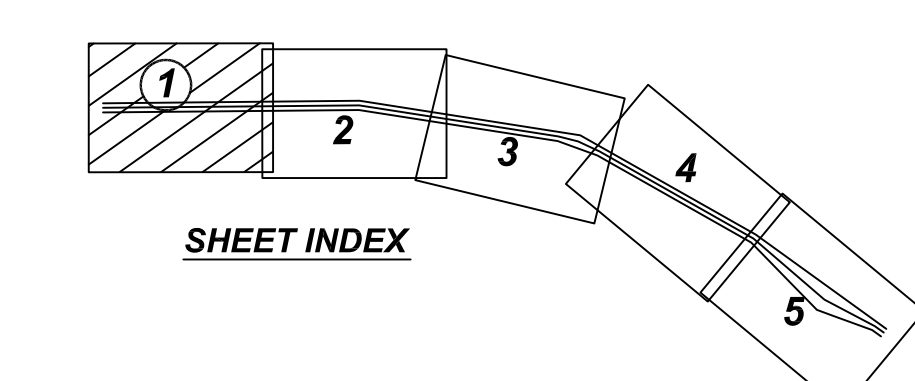


LEGEND:

—	-35'
—	-34'
—	-33'
—	-32'
—	-31'

NAD 83 CHANNEL ANGLE POINTS		
PT	X	Y
1	6009438.19	2192533.46
2	6022201.66	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	2211849.50
9	6047716.66	2212492.26
10	6036393.66	2210459.23
11	6033802.66	2209635.23
12	6022551.66	2202836.23
13	6009825.66	2192075.23

NAD 83 CENTERLINE ANGLE POINTS		
PT	X	Y
C1	6009631.93	2192304.35
C2	6022376.63	2203061.13
C3	6034849.18	2209793.00
C4	6048366.66	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



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 WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST TENTH OF A FOOT.

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

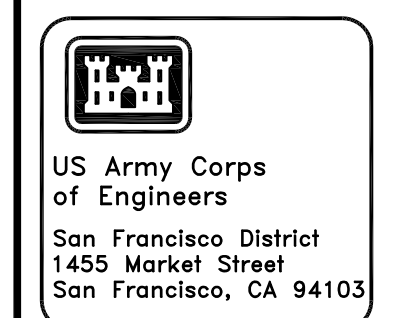
PLANE GRID AND COORDINATES ARE BASED ON THE STATE OF CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION, ZONE III NAD 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEANIC SURVEY.

THE PROJECT DEPTH IS 35 FEET AT M.L.L.W.

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

BENCHMARK "5218 L" (1976) USC&GS DISK, ELEV. 11.00 MLLW, NAVD 88 DATUM
TIDE GAUGE LOCATED AT MARE ISLAND PIER 35.

HORIZONTAL GPS CONTROL
COAST GUARD D-BEACON



Mark	Description	Date	Appr.

DESIGNED BY:	JOHN K. BAKER
CHECKED BY:	LT. COLONEL, C.E., DISTRICT ENGINEER
DRAWN BY:	PDT
PDT:	Hydro Survey Team Leader
DATE:	2/21/2013
SHEET NO.:	3
DRAWING NO.:	5
DATE:	1 OF 5
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DATE:	110

CALIFORNIA

SAN PABLO BAY

PINOLE SHOALS
CONDITION SURVEY
06 FEBRUARY 2013

Sheet reference number
C1