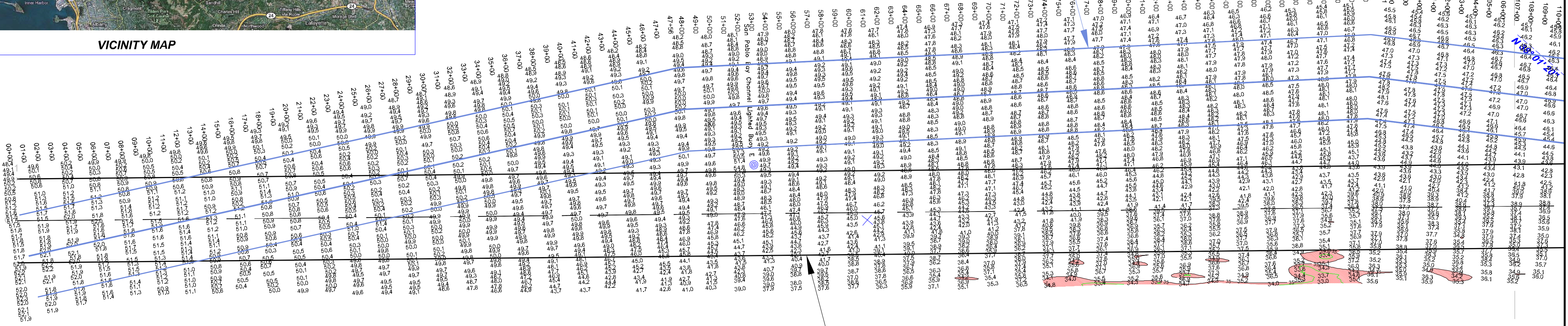




VICINITY MAP



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 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, NAVD 88.

PLANE GRID AND COORDINATES ARE BASED ON THE STATE OF CALIFORNIA COORDINATE SYSTEM, LAURENT CONFORMAL PROJECTION, ZONE 18NAD 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

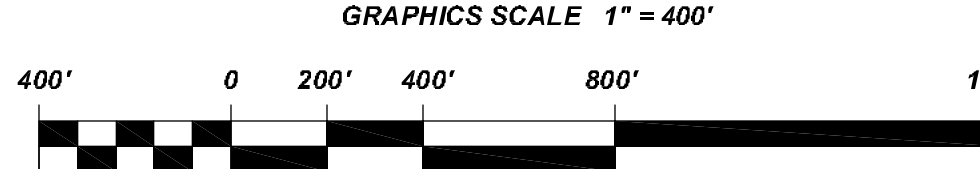
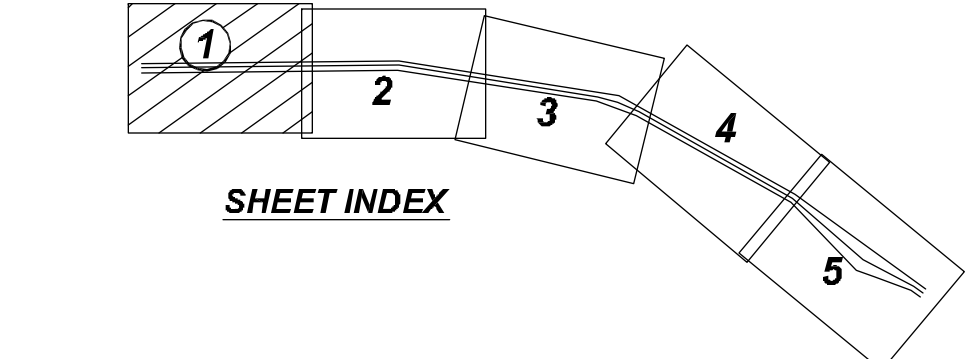
THE PROJECT DEPTH IS 35 FEET AT M.L.L.W.

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

NAD 83 CHANNEL ANGLE POINTS			NAD 83 CENTERLINE ANGLE POINTS		
STATION	X	Y	STATION	X	Y
1	6009438.19	2192533.46	C1	6009631.93	2192304.35
2	6022201.85	2203328.13	C2	6022376.63	2203301.13
3	6034692.58	2210763.40	C3	6033649.18	2209793.00
4	6047610.63	2213082.81	C4	6034836.66	2210359.38
5	6058087.95	2213781.27	C5	6036340.65	2210754.51
6	6068127.86	2213182.59	C6	6047663.65	2212787.53
7	6057419.43	2213135.37	C7	6053760.51	2212666.82
8	6053815.20	2211948.50	C8	6057386.48	2213434.70
9	6047716.66	2212492.26	C9	6058107.91	2213481.93
10	6036393.66	2210459.23			
11	6033802.66	2209635.23			
12	6022551.66	2202836.23			
13	6009625.66	2192075.23			



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

APPROVED: _____
DATE: 02/28/2012
DRAWING NO. 3
SHEET NO. 2
PREPARED UNDER THE DIRECTION OF
TORREY A. DIORO
LT. COLONEL, C.E., DISTRICT ENGINEER

CALIFORNIA
SAN PABLO BAY
PINOLE SHOALS
CONDITION SURVEY
16-17, 21, 23-24
FEBRUARY 2012

Sheet reference number
C1