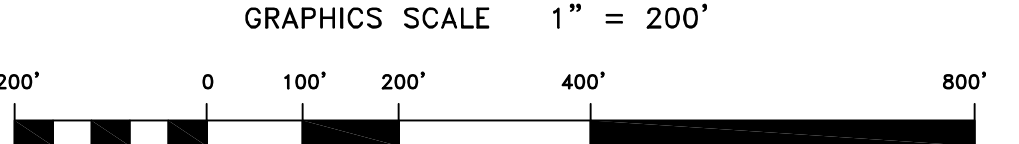


NOTES:
 DRAWINGS NOT TO BE USED AS NAVIGATION CHARTS ONLY CHANNEL CONDITION AT DATE OF SURVEY. THE LOCATION OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION PROVIDED BY THE U.S. COAST GUARD BUOY LOCATIONS REPRESENT THE POSITION OF THE SINKER ONLY.
 SURVEYED BY THE CORPS OF ENGINEERS.
 SOUNDINGS ARE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST FOOT AND 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 LAMBERT PROJECTION, ZONE III NAPLES, CALIFORNIA AS DESCRIBED IN SPECIAL PUBLICATION NO. 235 AND NO. 253, PUBLISHED BY THE NATIONAL OCEAN SURVEY.
 THE PROJECT DEPTH IS 37 FT. AT MLLW.
 VERTICAL CONTROL:
 B.M. No. 12 (1972) USC&GS DISK 14.95 MLLW - NAVD 88
 Publication Date: 04/21/2003 METRIC TO FEET
 B.M. No. 8 (1939) USC&GS DISK 12.40 MLLW - NAVD 88
 PUBLICATION DATE: 05/21/2003 METRIC TO FEET
 TIDE GAUGE LOCATION: Pier 3 (NOAA TIDE STATION)
 HORIZONTAL GPS CONTROL:
 DESIGNATION, SOURCE, XYZ
 PRIMARY: RTK GPS via VRS NETWORK
 SECONDARY: COAST GUARD D-BEACON

NAD 1983 CENTERLINE ANGLE POINTS		
∠ PT	X	Y
C1	6026179.8786	2110456.6847
C2	6036179.5786	2109609.6847
C3	6041408.1786	2109165.6847

NAD 1983 CHANNEL ANGLE POINTS		
∠ PT	X	Y
1	6026357.7786	2112557.2847
2	6029385.6786	2110886.9847
3	6038879.2786	2109882.6847
4	6040133.2786	2109396.7847
5	6040810.3886	2109821.1847
6	6041454.6986	2109766.6547
7	6041317.3786	2109991.8847
8	6040818.7786	2107851.7847
9	6039810.7786	2107726.3847
10	6039285.0786	2107421.5847
11	6038409.3786	2107473.7847
12	6037306.8786	2108179.3847
13	6036137.3786	2109111.4847
14	6029341.1786	2109687.1847
15	6026005.0786	2108394.1847



PRELIMINARY ISSUE
 THIS PLAN ISSUED FOR
 ADVANCE INFORMATION ONLY

US Army Corps of Engineers
 San Francisco District
 455 Market Street
 San Francisco, CA 94103
 N 2,112,000

DESIGNED BY:	LAURENCE M. FARRELL	CHECKED BY:		DRAWN BY:	
SUBMITTED:		DATE:	06/04/2009	APPROVAL:	
DESIGNED BY:		SHEET NO.:	1 OF 3	APPROVAL:	
DRAWN BY:		DRAWING NO.:	2	APPROVAL:	
DATE:		PREPARED UNDER THE DIRECTION OF:	LAURENCE M. FARRELL	APPROVAL:	
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DATE:		PREPARED BY:	LAURENCE M. FARRELL	APPROVAL:	

CALIFORNIA
ALAMEDA COUNTY
ALAMEDA NAVAL AIR STATION
 CONDITION SURVEY
 26, 27 & 29 MAY 2009
 PREPARED BY: LAURENCE M. FARRELL
 DISTRICT ENGINEER
 LT. COLONEL, U.S. ARMY

Sheet reference number
C1