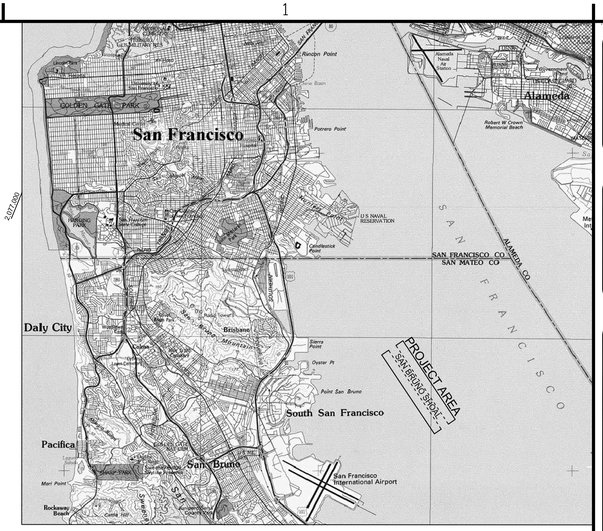
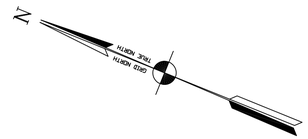
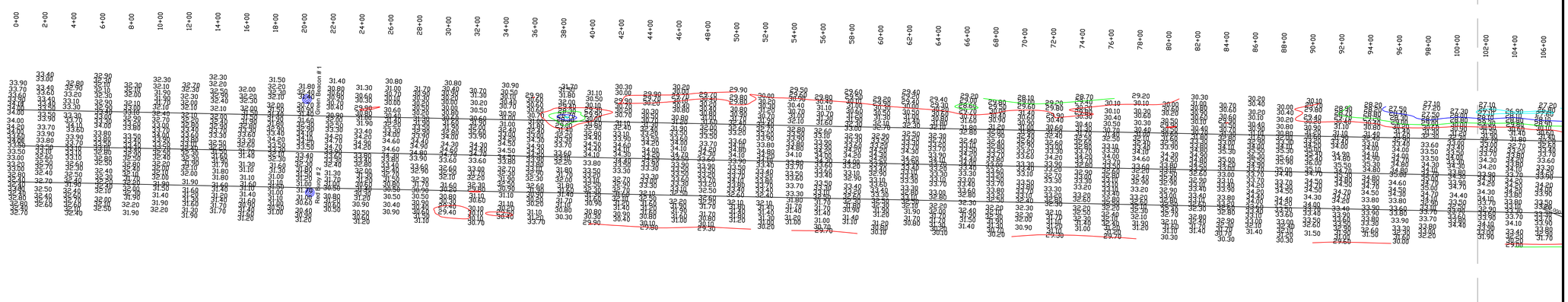
PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY



VICINITY MAP
NOT TO SCALE





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.

INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATION AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

SURVEYED BY THE CORPS ENGINEERS, 12 & 14 MAY 2009.

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. NAVD 88.

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 30 FEET AT M.L.L.W.

SOUNDINGS ARE BASED ON THE TIDE GAUGE LOCATED AT THE GYDE STREET PIER, SAN FRANCISCO, CALIFORNIA.

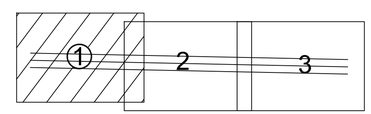
VERTICAL CONTROL:
BENCHMARK "1" (1945) ELEV. 16.36 FT MLLW.
BENCHMARK "TIDAL BM 4" (1974) ELEV. 11.17 FT MLLW.
TIDE GAUGE LOCATION: COYOTE POINT MARINA

HORIZONTAL CONTROL:
RTK GPS VIA VRS NETOWRK,
COAST GUARD D-BEACON

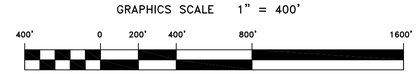
CHANNEL ANGLE POINTS NAD 1983		
CHANNEL ∠	EAST	NORTH
1	6028665.8184	2082886.0402
2	6039323.8184	2054933.0402
3	6038856.6184	2054749.9402
4	6028198.6184	2082707.9402

CENTERLINE ANGLE POINTS NAD 1983		
CENTERLINE ∠	EAST	NORTH
C1	6028432.2184	2082797.0402
C2	6039090.2184	2054839.0402

SHEET INDEX



GRAPHICS SCALE 1" = 400'



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

Mark	Description	Date	Appr.

SUBMITTED:
Hydro. Survey Team Leader
APPROVAL:
Chief, Technical Support Section
APPROVAL RECOMMENDED:
Chief, Construction Branch

DESIGNED BY:
DATE: 5/15/2009
SHEET NO. 1 OF 3
CHECKED BY: TVW
DRAWING NO. 54
DRAWN BY: EWC
2
191

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

SAN MATEO COUNTY CALIFORNIA

SAN BRUNO SHOAL
CONDITION SURVEY
12 AND 14 MAY 2009

Sheet reference number
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