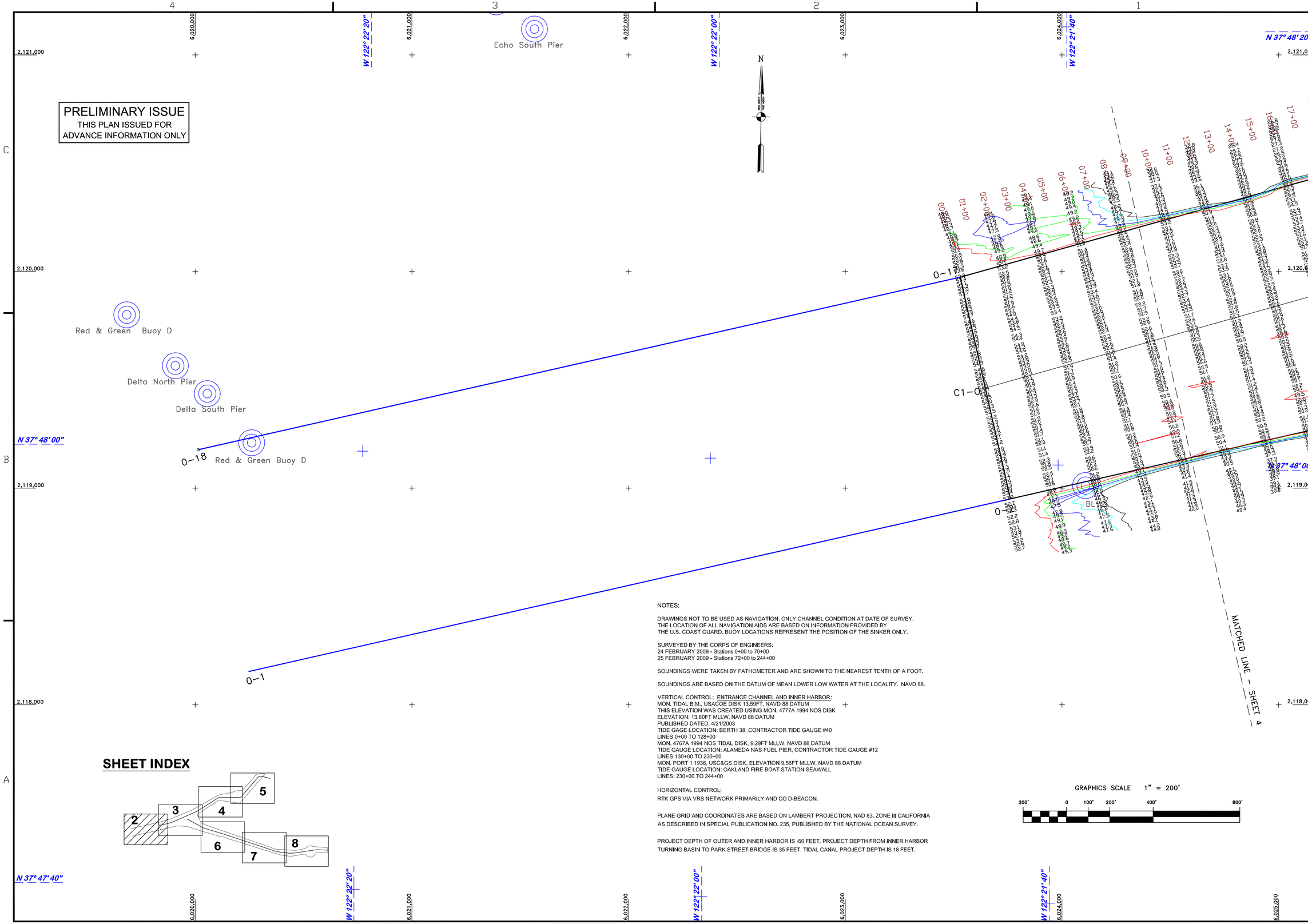

NOTES:

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 LOCATIONS REPRESENT THE POSITION OF THE SINKER ONLY.

SURVEYED BY THE CORPS OF ENGINEERS:
24 FEBRUARY 2009 - Stations 0+00 to 70+00
25 FEBRUARY 2009 - Stations 72+00 to 244+00

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.

VERTICAL CONTROL: ENTRANCE CHANNEL AND INNER HARBOR:
MON. TIDAL B.M., USACOE DISK 13.59FT, NAVD 88 DATUM
THIS ELEVATION WAS CREATED USING MON. 4777A 1994 NOS DISK
ELEVATION: 13.60FT MLLW, NAVD 88 DATUM
PUBLISHED DATED: 4/21/2003
TIDE GAGE LOCATION: BERTH 38, CONTRACTOR TIDE GAUGE #40
LINES 0+00 TO 128+00
MON. 4767A 1994 NOS TIDAL DISK, 9.29FT MLLW, NAVD 88 DATUM
TIDE GAUGE LOCATION: ALAMEDA NAS FUEL PIER, CONTRACTOR TIDE GAUGE #12
LINES 130+00 TO 230+00
MON. PORT 1 1936, USC&GS DISK, ELEVATION 9.56FT MLLW, NAVD 88 DATUM
TIDE GAUGE LOCATION: OAKLAND FIRE BOAT STATION SEAWALL
LINES: 230+00 TO 244+00

HORIZONTAL CONTROL:
RTK GPS VIA VRS NETWORK PRIMARILY AND CG D-BEACON.

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

PROJECT DEPTH OF OUTER AND INNER HARBOR IS -50 FEET. PROJECT DEPTH FROM INNER HARBOR TURNING BASIN TO PARK STREET BRIDGE IS 35 FEET. TIDAL CANAL PROJECT DEPTH IS 18 FEET.

GRAPHICS SCALE 1" = 200'

200' 0 100' 200' 400' 800'

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

Mark	Description	Date	Appr.

DESIGNED BY: | CHECKED BY: TWV | DRAWN BY: EWC
DATE: 2/4/2009 | SHEET NO. 2 OF 8 | DRAWING NO. 2 | XXX

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

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

CALIFORNIA
ALAMEDA COUNTY

OAKLAND HARBOR
APPROACH
CONDITION SURVEY
24-25 FEBRUARY 2009

Sheet reference number
C2

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