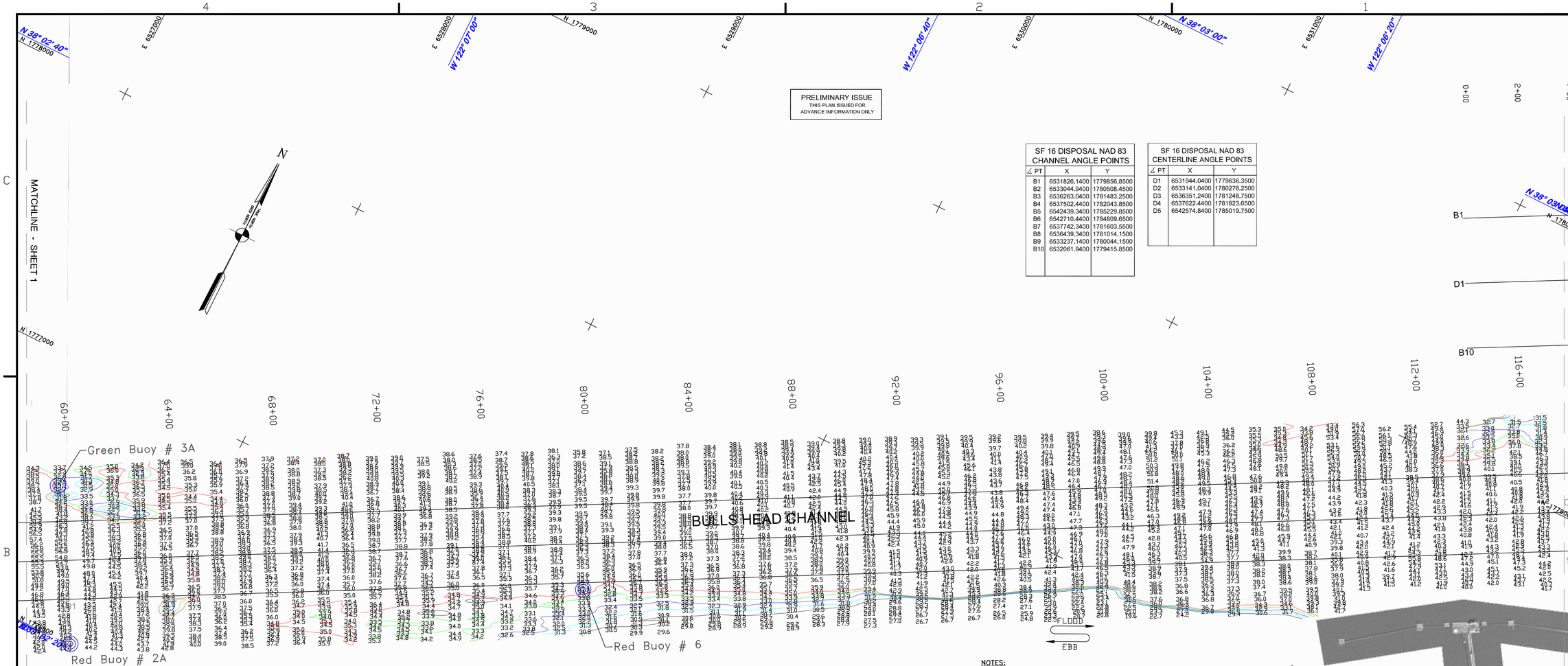
PRELIMINARY ISSUE
THIS PLAN ISSUED FOR ADVANCE INFORMATION ONLY



SF 16 DISPOSAL NAD 83 CHANNEL ANGLE POINTS		
∠ PT	X	Y
B1	6531826.1400	1779856.8500
B2	6533044.9400	1780508.4500
B3	6536263.0400	1781483.2500
B4	6537502.4400	1782043.8500
B5	6542439.3400	1785229.8500
B6	6542710.4400	1784809.6500
B7	6537742.3400	1781603.5500
B8	6536439.3400	1781014.1500
B9	6533237.1400	1780044.1500
B10	6532061.9400	1779415.8500

SF 16 DISPOSAL NAD 83 CENTERLINE ANGLE POINTS		
∠ PT	X	Y
D1	6531944.0400	1779636.3500
D2	6533141.0400	1780276.2500
D3	6536351.2400	1781248.7500
D4	6537622.4400	1781823.6500
D5	6542574.8400	1785019.7500

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 SEA SURVEYOR, INC.
SUISUN BAY CHANNEL
1–3 NOVEMBER 2008
Stations 71+00 to 116+00, 152+00 to 187+00 & 317+00 to 352+00
5 DECEMBER 2008
59+00 to 70+00
20–21 DECEMBER 2008
Stations 188+00 to 316+00

NEW YORK SLOUGH CHANNEL
2–5 NOVEMBER
Stations 0+00 to 54+00, 71+00 to 139+00 & 205+00 to 232+00
18–19 DECEMBER 2008
Stations 55+00 to 70+00 & 140+00 to 204+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.

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

THE PROJECT DEPTH IS 35 FEET.

VERTICAL CONTROL
SUISUN BAY CHANNEL
(LINES 00+00 TO 160+00) BENCHMARK "9" (1948), USC&GS DISK, ELEV 14.875 FT MLLW., NAVD 88 DATUM.
TIDE GAUGE LOCATED AT PORT OF BENICIA DOCK.

(LINES 150+00 TO 500+00 BENCHMARK "5144–P" (1990 RESET 1997), USC&GS DISK, ELEV 11.83 FT MLLW., NAVD 88 DATUM.
TIDE GAUGE LOCATED AT CONCORD NAVAL WEAPONS STATION TUG DOCK, NOAA STATION.

(LINES 500+00 TO 660+00 BENCHMARK "5144–P" (1990 RESET 1997), USC&GS DISK, ELEV 11.83 FT MLLW., NAVD 88 DATUM.
TIDE GAUGE LOCATED AT CONCORD NAVAL WEAPONS STATION TUG DOCK, NOAA STATION.

(LINES 660+00 TO 733+45 BENCHMARK "5096–B", USC&GS DISK, ELEV 21.76 FT MLLW., NAVD 88 DATUM.
TIDE GAUGE LOCATED AT DIABLO SERVICES DOCK.

NEW YORK SLOUGH
(LINES 0+00 TO 232+00 BENCHMARK "5096–B" (1997), USC&GS DISK, ELEV 21.758 OR 21.76 FT MLLW., NAVD 88 DATUM.
TIDE GAUGE LOCATED AT DIABLO SERVICE DOCK.

HORIZONTAL GPS CONTROL.
COAST GUARD D–BEACON.

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

Mark	Description	Date	Appr.

CHECKED BY:	DRAWN BY:
MC	PC

SHEET NO.	DRAWING NO.		
2 OF 16	4	2	237

DESIGNED BY:
DATE: 12/11/2008
PREPARED UNDER THE DIRECTION OF
LAURENCE M. FARRELL
LT. COLONEL, C.E., DISTRICT ENGINEER

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

CONTRA COSTA COUNTY CALIFORNIA

SUISUN BAY CHANNEL
POSTDREDGE SURVEY
1 – 3 NOVEMBER &
20 – 21 DECEMBER 2008

Sheet reference number
C2