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	1784809.5500
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

MATCHLINE - SHEET 1

MATCHLINE - SHEET 3

Green Buoy # 3A

Red Buoy # 2A

Red Buoy # 6

BULLS HEAD CHANNEL

EBB

FLOOD

GRAPHICS SCALE 1" = 200'

200' 0 100' 200' 400' 800'

B1

B10

D1

N 38° 02' 40"

N 38° 03' 00"

W 122° 07' 00"

W 122° 06' 40"

W 122° 06' 20"

W 122° 06' 00"

N 38° 02' 20"

N 1778000

N 1777000

E 6527000

E 6528000

E 6529000

E 6530000

E 6531000

E 6532000

E 6533000

N 1779000

N 1780000

0+00 2+00 4+00 60+00 64+00 68+00 72+00 76+00 80+00 84+00 88+00 92+00 96+00 100+00 104+00 108+00 112+00 116+00

A B C

1 2 3 4

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

Mark	Description	Date	Appr.

DESIGNED BY:
DRAWN BY: PPC
CHECKED BY: RWC

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

DATE: 2/13/2009
SHEET NO. 2 OF 16
DRAWING NO. 4
2
240

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

CONTRA COSTA COUNTY CALIFORNIA

BULLSHEAD CHANNEL
CONDITION SURVEY
11 FEBRUARY 2009

Sheet reference number
C2