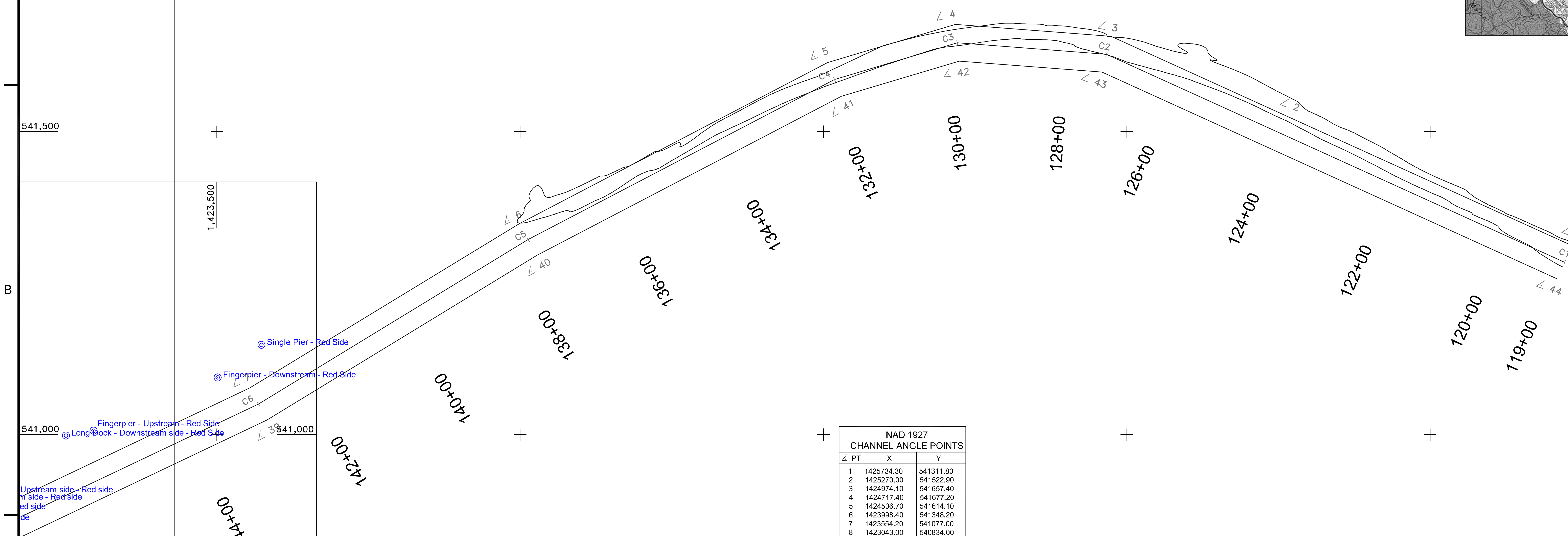
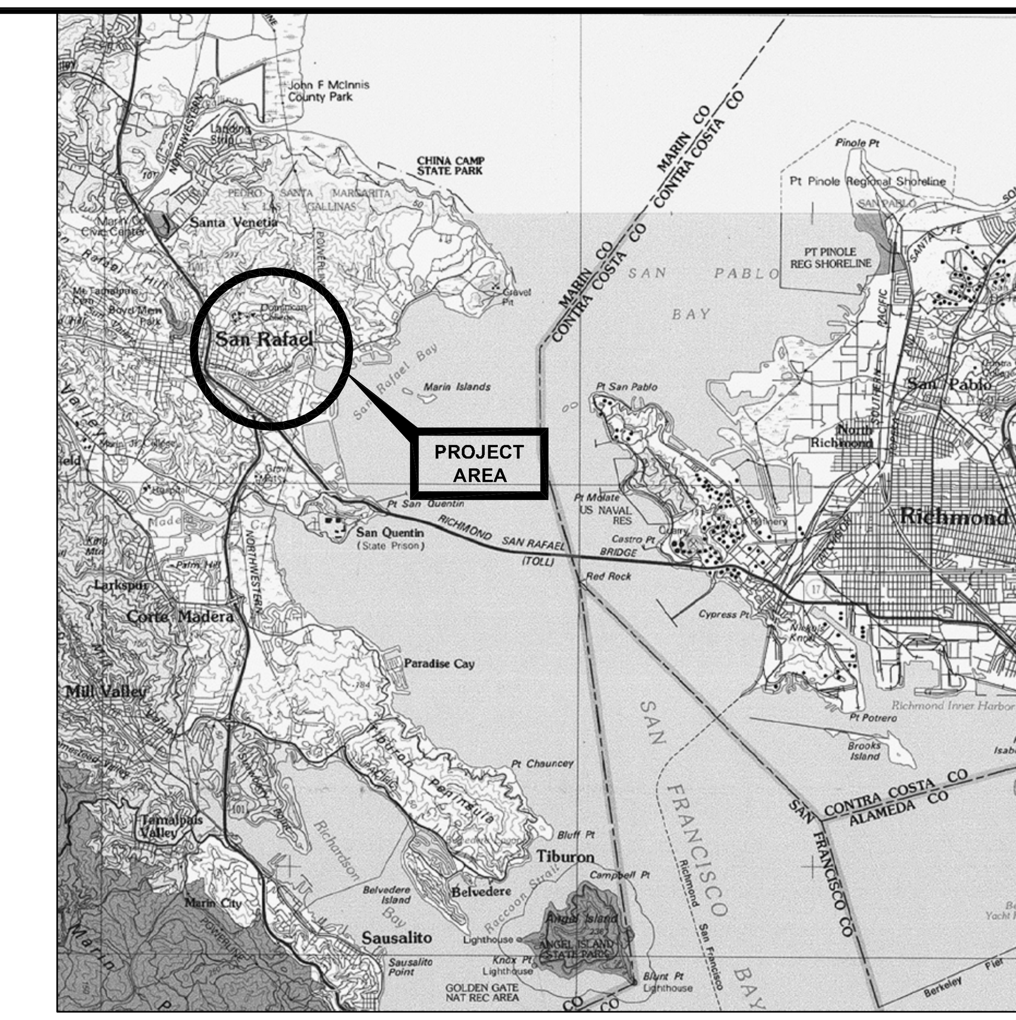
PRELIMINARY ISSUE
DATE: 30 JABUARY 2003
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

MATCHLINE SHEET 2

N





VICINITY MAP
NOT TO SCALE

NAD 1927 CHANNEL ANGLE POINTS		
∠ PT	X	Y
1	1425734.30	541311.80
2	1425270.00	541522.90
3	1424974.10	541657.40
4	1424717.40	541677.20
5	1424506.70	541614.10
6	1423998.40	541348.20
7	1423554.20	541077.00
8	1423043.00	540834.00
9	1422485.60	540679.90
10	1422352.70	540629.70
11	1421860.20	540253.10
12	1421648.20	540164.00
13	1421394.70	540136.10
14	1421121.90	540225.10
15	1420918.10	540375.00
16	1420626.00	540704.00
17	1420545.00	540765.20
18	1420365.00	540857.00
19	1420115.40	540897.90
20	1418813.00	541233.90
21	1418321.70	541370.70
22	1418301.30	541314.10
23	1418604.80	541229.60
24	1418578.00	541133.30
25	1418770.70	541079.60
26	1418797.50	541176.00
27	1420103.00	540839.20
28	1420346.10	540799.30
29	1420513.10	540714.10
30	1420585.00	540659.70
31	1420877.40	540330.40
32	1421094.10	540171.00
33	1421388.40	540075.00
34	1421663.40	540105.30
35	1421890.60	540200.80
36	1422382.20	540576.70
37	1422504.30	540622.80
38	1423064.00	540777.50
39	1423582.70	541024.20
40	1424028.00	541296.00
41	1424529.40	541558.30
42	1424723.90	541616.50
43	1424959.00	541598.40
44	1425709.40	541257.20

NAD 1927 CENTERLINE ANGLE POINTS		
∠ PT	X	Y
C1	1425721.80	541284.50
C2	1424966.50	541627.90
C3	1424720.70	541646.80
C4	1424518.00	541586.20
C5	1424013.20	541322.10
C6	1423568.40	541050.60
C7	1423053.50	540805.80
C8	1422494.90	540651.30
C9	1422367.50	540603.20
C10	1421875.40	540227.00
C11	1421655.80	540134.70
C12	1421391.60	540105.60
C13	1421108.00	540198.10
C14	1420897.80	540352.70
C15	1420605.50	540681.90
C16	1420529.10	540739.70
C17	1420355.60	540828.10
C18	1420109.20	540868.60
C19	1418805.20	541204.44
C20	1418311.50	541342.40

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.

SOUNDINGS ARE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST FOOT AND TENTHS OF A FOOT.

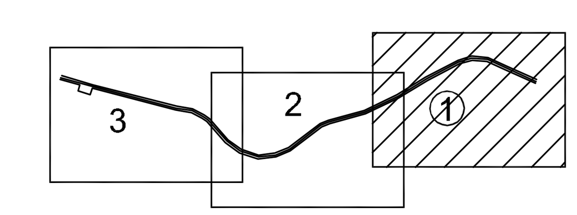
SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY. NGVD 1929.

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

THE PROJECT DEPTH IS 8 FEET IN 100 FT. WIDE CHANNEL ACROSS THE FLATS, THENCE 6 FT. IN 60 FT. WIDE CHANNEL TO IRWIN STREET.

SOUNDINGS ARE BASED ON TIDE GAGES REFERENCED TO U.S.C. & G.S. BENCH MARK M551 AT THIRD STREET AND MANDERLY ROAD, ELEVATION 43 FT. ABOVER MEAN LOWER LOW WATER.

SHEET INDEX



GRAPHICS SCALE 1" = 100'

100' 0 50' 100' 200' 400'

US Army Corps of Engineers
San Francisco District
333 Market Street
San Francisco, CA 94105

Mark	Description	Date	Appr.

DESIGNED BY:	
CHECKED BY:	PC
DRAWN BY:	EWC
SUBMITTED:	TVW
DATE:	11/08/2002
SHEET NO.	1 OF 3
DRAWING NO.	55 2 141

APPROVAL RECOMMENDED:
Chief, Engineering Branch
APPROVED:
Chief, Engineering & Technical Services Div.

PREPARED UNDER THE DIRECTION OF
MICHAEL McCORMICK
LT. COLONEL, C.E., DISTRICT ENGINEER

MARIN COUNTY CALIFORNIA

SAN RAFAEL CREEK
CHANNEL OBSTRUCTION SURVEY
RED SIDE
12 DEC 2002 & 30 JAN 2003

Sheet reference number
C1