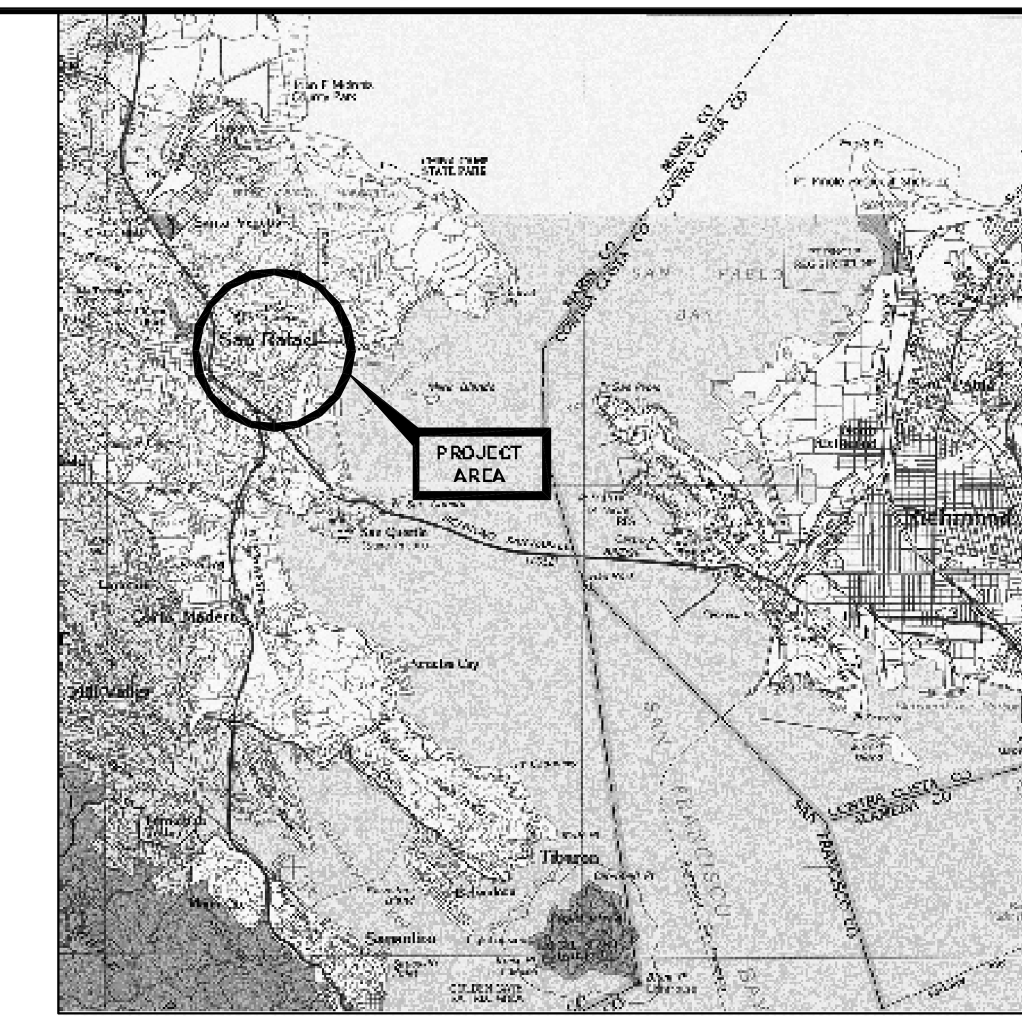
4	3	2	1

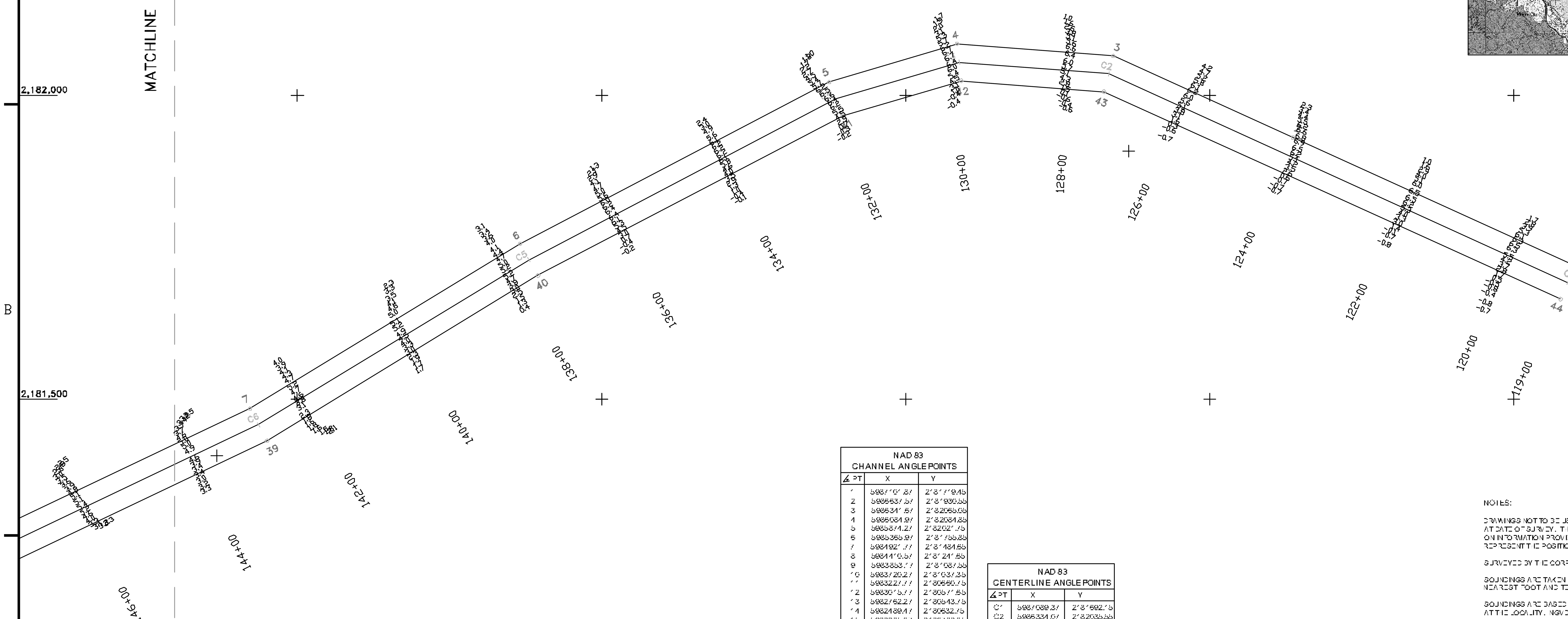
PRELIMINARY ISSUE
THIS PLAN IS ISSUED FOR
ADVANCE INFORMATION ONLY



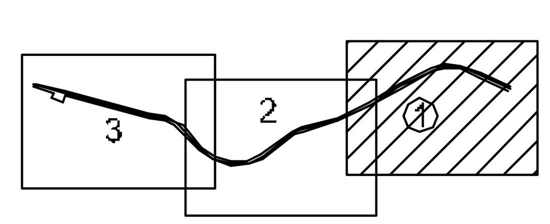
VICINITY MAP
NOT TO SCALE

MATCHLINE SHEET 2

N
GRID NORTH
TRUE NORTH



SHEET INDEX



NAD 83
CHANNEL ANGLE POINTS

∠ PT	X	Y
1	5987101.87	2181719.45
2	5986637.57	2181930.55
3	5986341.67	2182055.05
4	5986084.97	2182084.85
5	5985874.27	2182021.75
6	5985365.97	2181755.85
7	5984921.77	2181484.65
8	5984410.57	2181241.65
9	5983853.17	2181087.55
10	5983720.27	2181037.35
11	5983227.77	2180660.75
12	5983015.77	2180571.65
13	5982762.27	2180543.75
14	5982489.47	2180532.75
15	5982285.67	2180782.65
16	5981993.57	2181111.65
17	5981912.57	2181172.85
18	5981732.57	2181264.65
19	5981482.97	2181306.55
20	5980180.57	2181641.55
21	5979589.27	2181778.35
22	5979558.87	2181721.75
23	5979972.37	2181637.25
24	5979941.57	2181540.95
25	5980138.27	2181487.25
26	5980165.07	2181583.65
27	5981470.57	2181246.85
28	5981713.67	2181206.95
29	5981880.67	2181121.75
30	5981952.57	2181067.35
31	5982244.97	2180738.05
32	5982461.67	2180678.65
33	5982755.97	2180482.65
34	5983030.97	2180612.95
35	5983258.17	2180608.45
36	5983749.77	2180984.35
37	5983871.87	2181030.45
38	5984431.57	2181185.15
39	5984950.27	2181431.85
40	5985395.57	2181703.65
41	5985896.97	2181965.95
42	5986091.47	2182024.15
43	5986326.57	2182006.05
44	5987076.97	2181664.85

NAD 83
CENTERLINE ANGLE POINTS

∠ PT	X	Y
C1	5987089.37	2181692.15
C2	5986334.07	2182035.55
C3	5986088.27	2182064.45
C4	5985885.57	2181993.85
C5	5985380.77	2181729.75
C6	5984935.97	2181458.25
C7	5984421.07	2181213.45
C8	5983862.47	2181068.95
C9	5983735.07	2181010.85
C10	5983242.97	2180634.65
C11	5983023.37	2180642.35
C12	5982759.17	2180613.25
C13	5982475.57	2180606.75
C14	5982265.37	2180760.35
C15	5981973.07	2181089.55
C16	5981895.67	2181147.35
C17	5981723.17	2181235.75
C18	5981476.77	2181276.25
C19	5980172.77	2181612.05
C20	5979579.07	2181750.05

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 NAD 83. 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. BENCHMARK M551 AT THIRD STREET AND MANDERLY ROAD. ELEVATION 43 FT. ABOVE MEAN LOWER LOW WATER.

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: TVW	DRAWN BY: EWC
DATE: 01/25/2007	SHEET NO. 1 OF 3	DRAWING NO. 55 2 147

PREPARED UNDER THE DIRECTION OF
CRAIG W. KILEY
LT. COLONEL, C.E., DISTRICT ENGINEER

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

MARIN COUNTY CALIFORNIA

SAN RAFAEL CREEK
CONDITION SURVEY
13–14 DECEMBER 2006

Sheet reference number
C1