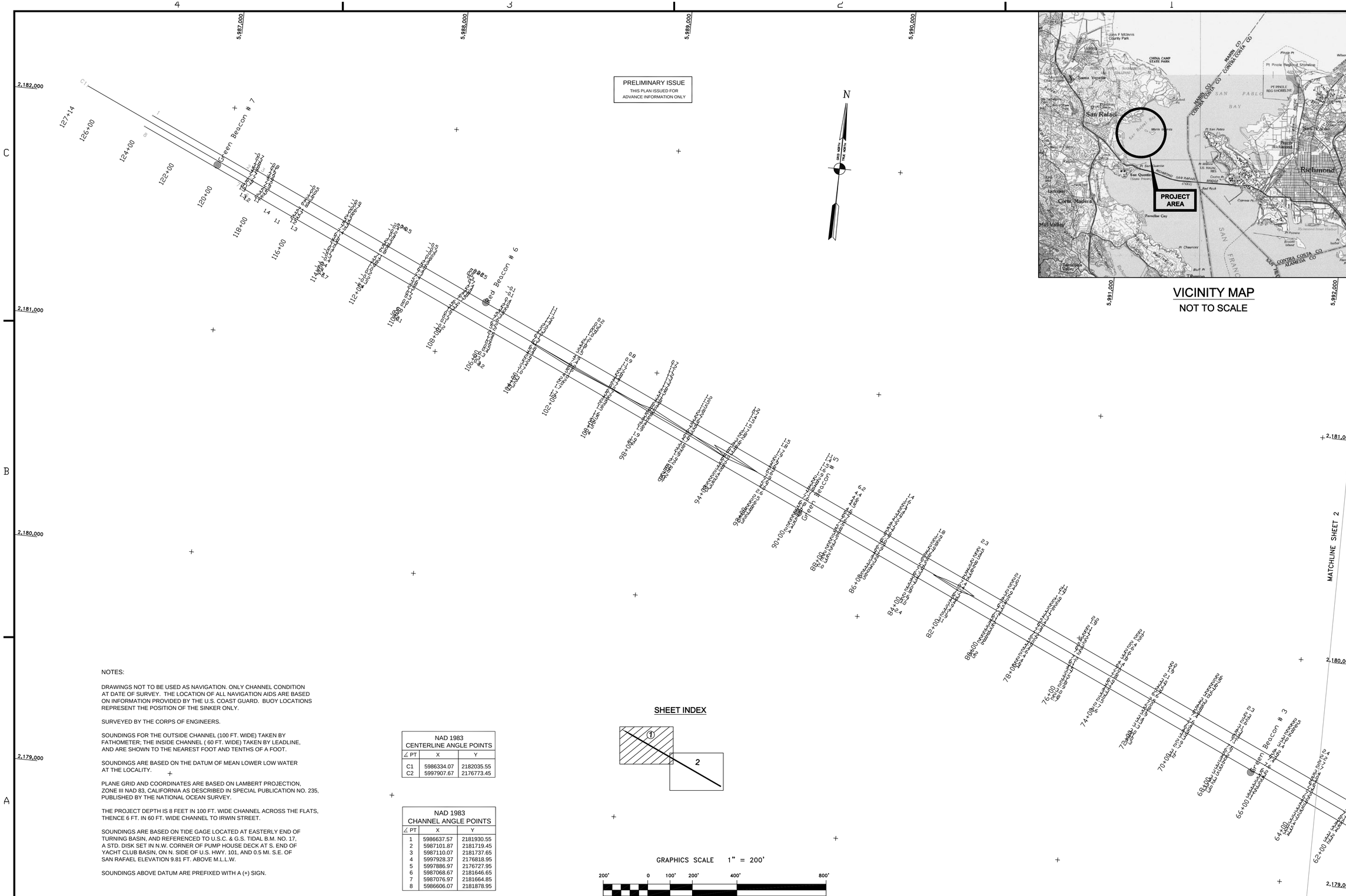

VICINITY MAP

NOT TO SCALE

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 FOR THE OUTSIDE CHANNEL (100 FT. WIDE) TAKEN BY FATHOMETER; THE INSIDE CHANNEL (60 FT. WIDE) TAKEN BY LEADLINE, 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.

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 GAGE LOCATED AT EASTERLY END OF TURNING BASIN, AND REFERENCED TO U.S.C. & G.S. TIDAL B.M. NO. 17, A STD. DISK SET IN N.W. CORNER OF PUMP HOUSE DECK AT S. END OF YACHT CLUB BASIN, ON N. SIDE OF U.S. HWY. 101, AND 0.5 MI. S.E. OF SAN RAFAEL ELEVATION 9.81 FT. ABOVE M.L.L.W.

SOUNDINGS ABOVE DATUM ARE PREFIXED WITH A (+) SIGN.

NAD 1983
CENTERLINE ANGLE POINTS

∠ PT	X	Y
C1	5986334.07	2182035.55
C2	5997907.67	2176773.45

NAD 1983
CHANNEL ANGLE POINTS

∠ PT	X	Y
1	5986637.57	2181930.55
2	5987101.87	2181719.45
3	5987110.07	2181737.65
4	5997928.37	2176818.95
5	5997886.97	2176727.95
6	5987068.67	2181646.65
7	5987076.97	2181664.85
8	5986606.07	2181878.95

SHEET INDEX

GRAPHICS SCALE 1" = 200'

200' 0 100' 200' 400' 800'

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

Mark	Description	Date	Appr.

SUBMITTED: TVW
Hydro. Survey Section
APPROVAL RECOMMENDED:
Chief, Engineering Branch
APPROVED:
Chief, Engineering & Technical Services Div.

DESIGNED BY: PC | CHECKED BY: | DRAWN BY: EWC
DATE: 04/02/2003 | SHEET NO. 1 OF 2 | DRAWING NO. 55 2 143

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

MARIN COUNTY CALIFORNIA

SAN RAFAEL CREEK ACROSS THE FLAT
CONDITION SURVEY
27–28 MARCH 2003

Sheet reference number
C1