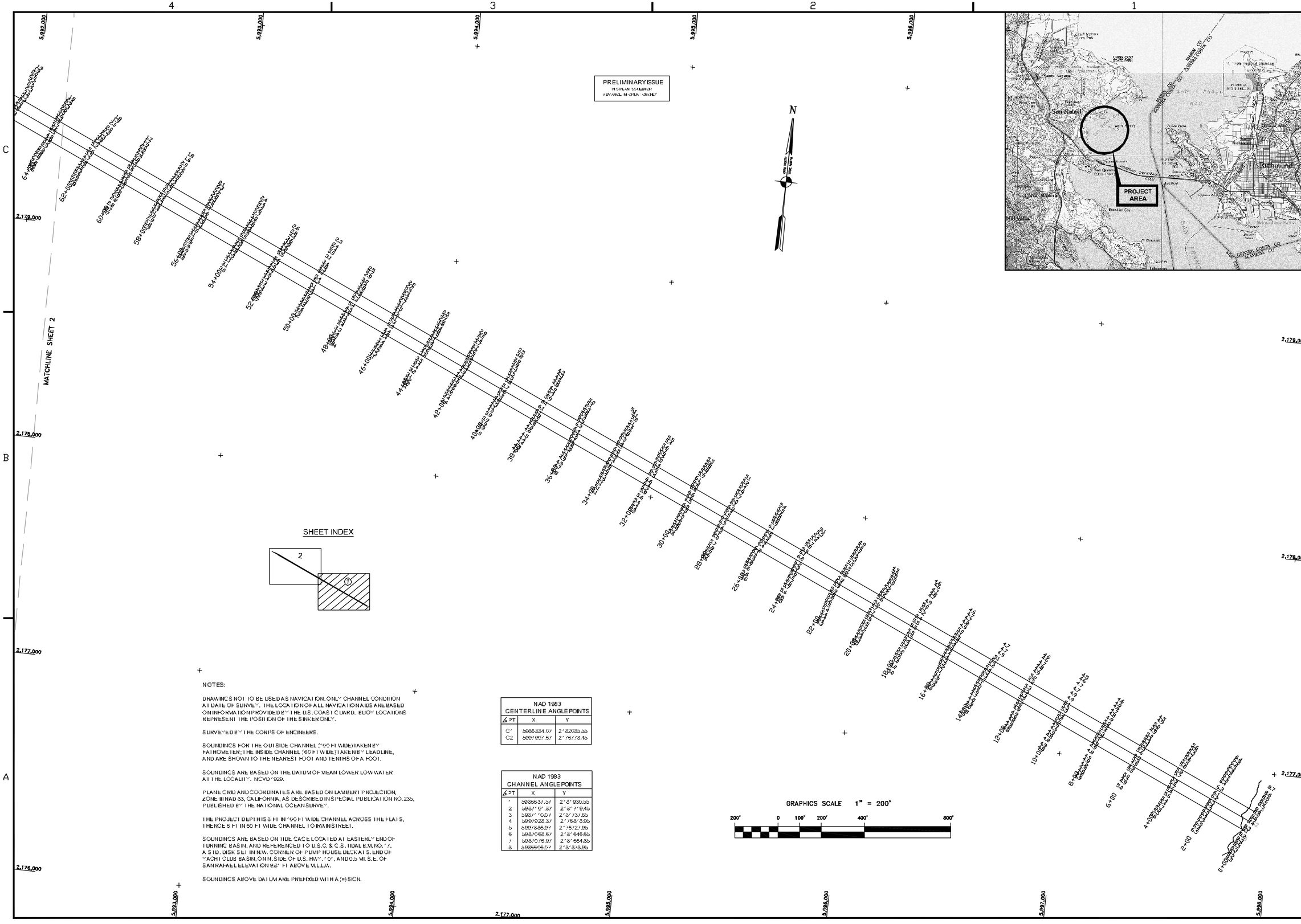
PRELIMINARY ISSUE
PLAN SCALE 1:200
ADVANCE MAPPING UNDER



SHEET INDEX

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 (50 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. NGVD 1929.

PLANE CRD 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 FT IN 100 FT WIDE CHANNEL ACROSS THE FLATS, THENCE 6 FT IN 50 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 9.27 FT ABOVE M.L.L.W.

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

NAD 1983 CENTERLINE ANGLE POINTS		
∠ PT	X	Y
C1	5896334.07	2,182035.55
C2	5897907.57	2,175773.45

NAD 1983 CHANNEL ANGLE POINTS		
∠ PT	X	Y
1	5896637.37	2,178930.55
2	5897107.37	2,177945
3	5897100.07	2,177375.55
4	5897928.37	2,175835.55
5	5897836.97	2,175727.95
6	5897058.57	2,176655.55
7	5897075.97	2,176561.55
8	5896905.07	2,176375.55

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.

DESIGNED BY: MC	CHECKED BY: TVW	DRAWN BY: EWC	
DATE: 01/25/2007	SHEET NO. 1 OF 2	DRAWING NO. 55 2	146

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

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

MARIN COUNTY CALIFORNIA

SAN RAFAEL CREEK ACROSS THE FLAT

CONDITION SURVEY
6,15,18 DECEMBER 2006

Sheet reference number
C1