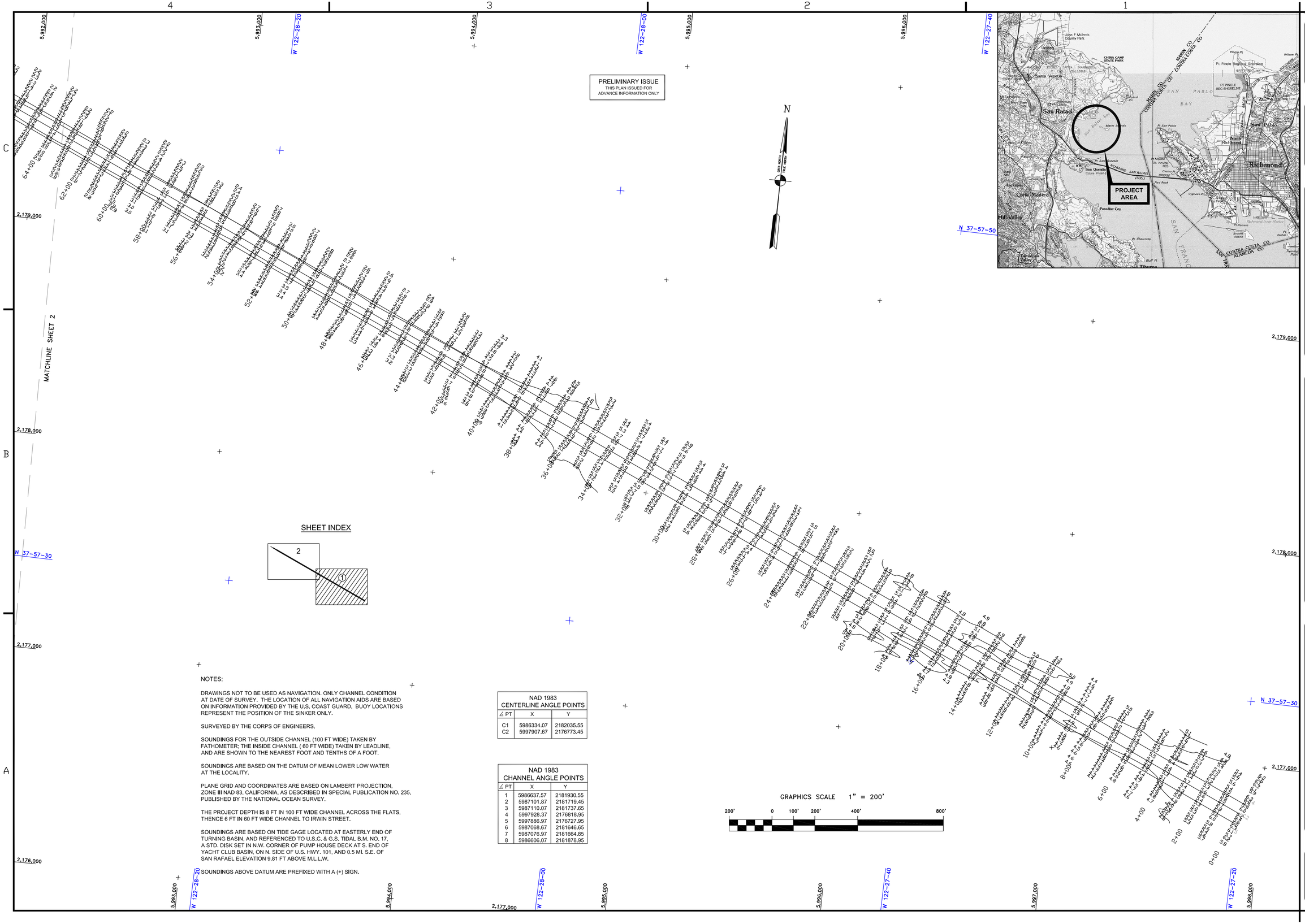

NOTES:

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 FT 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

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

Mark	Description	Date	Appr.

SUBMITTED: PDT
Hydro. Survey Team Leader
APPROVAL RECOMMENDED:
Chief, Geomatics Section
APPROVED:
Chief, Construction Branch

DESIGNED BY: PDT | CHECKED BY: PDT | DRAWN BY: PDT
DATE: 11/2/2011 | SHEET NO. 2 OF 2 | DRAWING NO.

PREPARED UNDER THE DIRECTION OF
TORREY A. DICIRO
LT. COLONEL, C.E., DISTRICT ENGINEER

MARIN COUNTY CALIFORNIA

SAN RAFAEL CREEK ACROSS THE FLAT
PREDREDGE SURVEY
27 OCTOBER 2011

Sheet reference number
C1