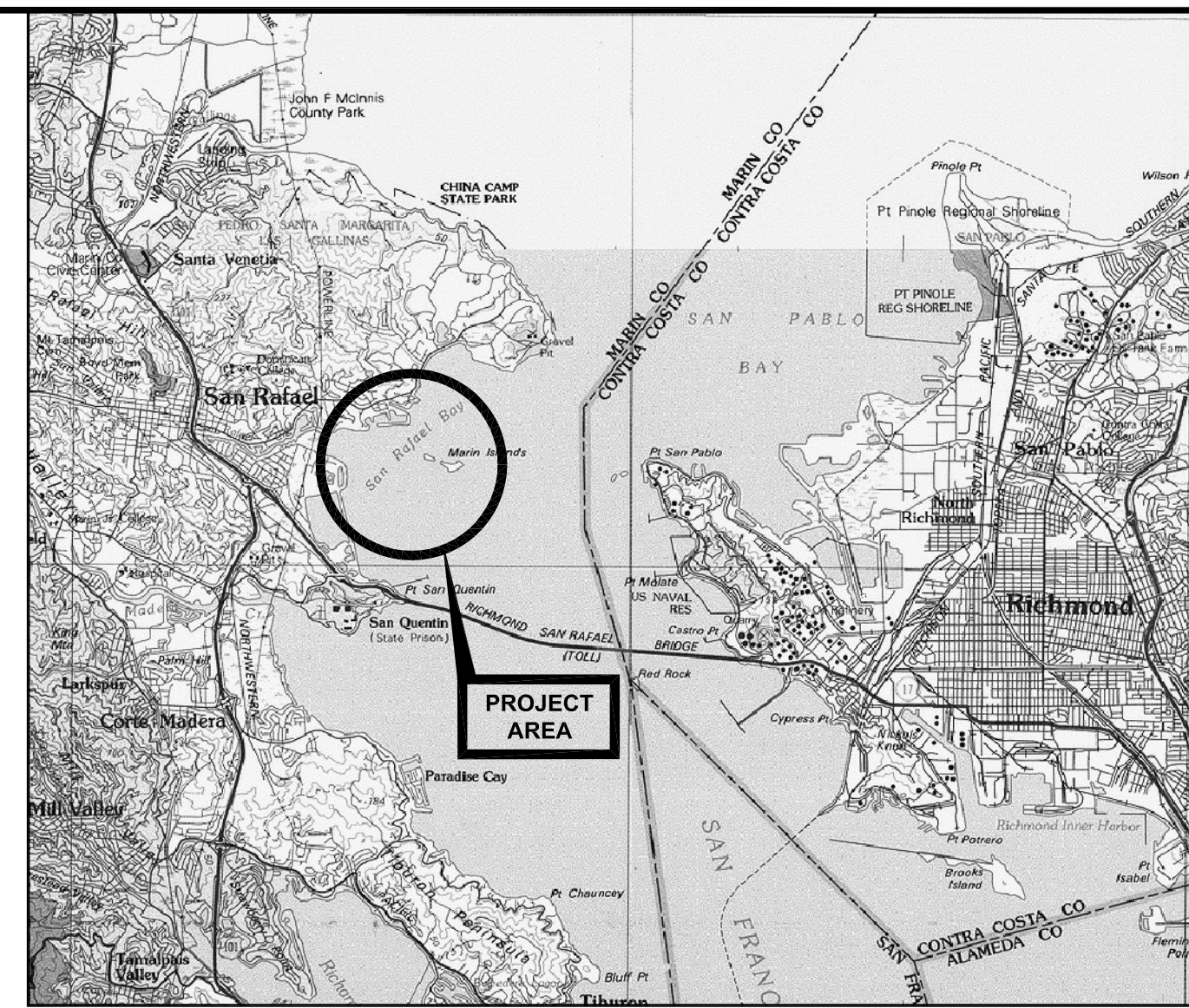
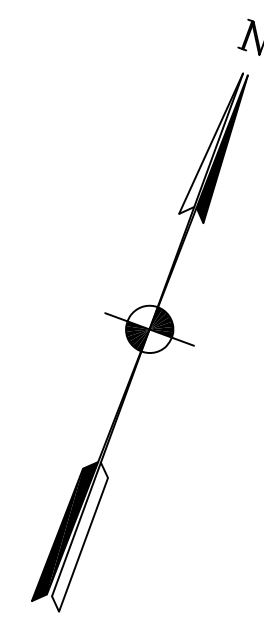
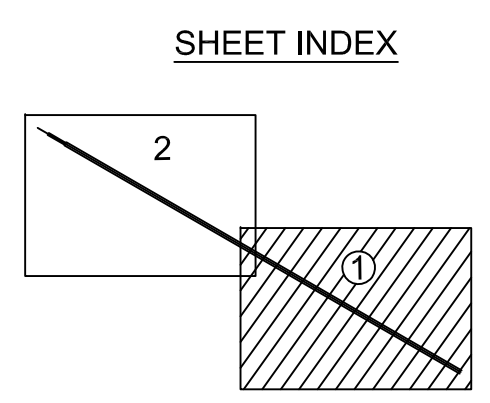


PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY



LEGEND:

—	8'
—	7'
—	6'
—	5'
—	4'



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, 10 MARCH 2010.

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.

HORIZONTAL CONTROL: DESIGNATION, SOURCE, XYZ
COAST GUARD D-BEACON

VERTICAL CONTROL: BENCHMARK, MLLW ELEV., AGENCY
B.M. P-551 (1856), USC&GS DISK, 10.94 MLW
SAN PEDRO RD. 10 x 4 CONCRETE BOX CULVERT

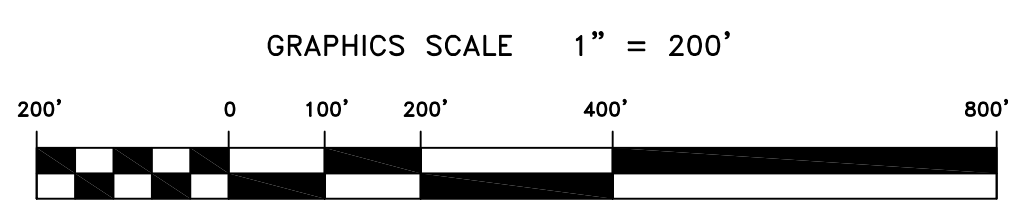
TIDE GAGE LOCATION: LOCH LOMOND YATCH HAROBR
STA. 0+00 TO 118+84
FLOOD => SLACK => EBB TIDE SURVEY
6.3 Ft => 6.5 Ft => 6.3 Ft

NAD 1983
CENTERLINE ANGLE POINTS

∠ PT	X	Y
C1	59866334.07	2182035.55
C2	5997907.67	2176773.45

NAD 1983
CHANNEL ANGLE POINTS

∠ PT	X	Y
1	59866637.57	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.

DESIGNED BY: PDI
CHECKED BY: PDI
DRAWN BY: PDI

DATE: 03/10/2010
SHEET NO. 1 OF 3
DRAWING NO. 55 2 xxx

APPROVED: LAURENCE M. FARRELL
PREPARED UNDER THE DIRECTION OF
LT. COLONEL, C.E., DISTRICT ENGINEER

CALIFORNIA
MARIN COUNTY
SAN RAFAEL CREEK
ACROSS THE FLAT
CONDITION SURVEY
10 MARCH 2010

Sheet reference number
C1