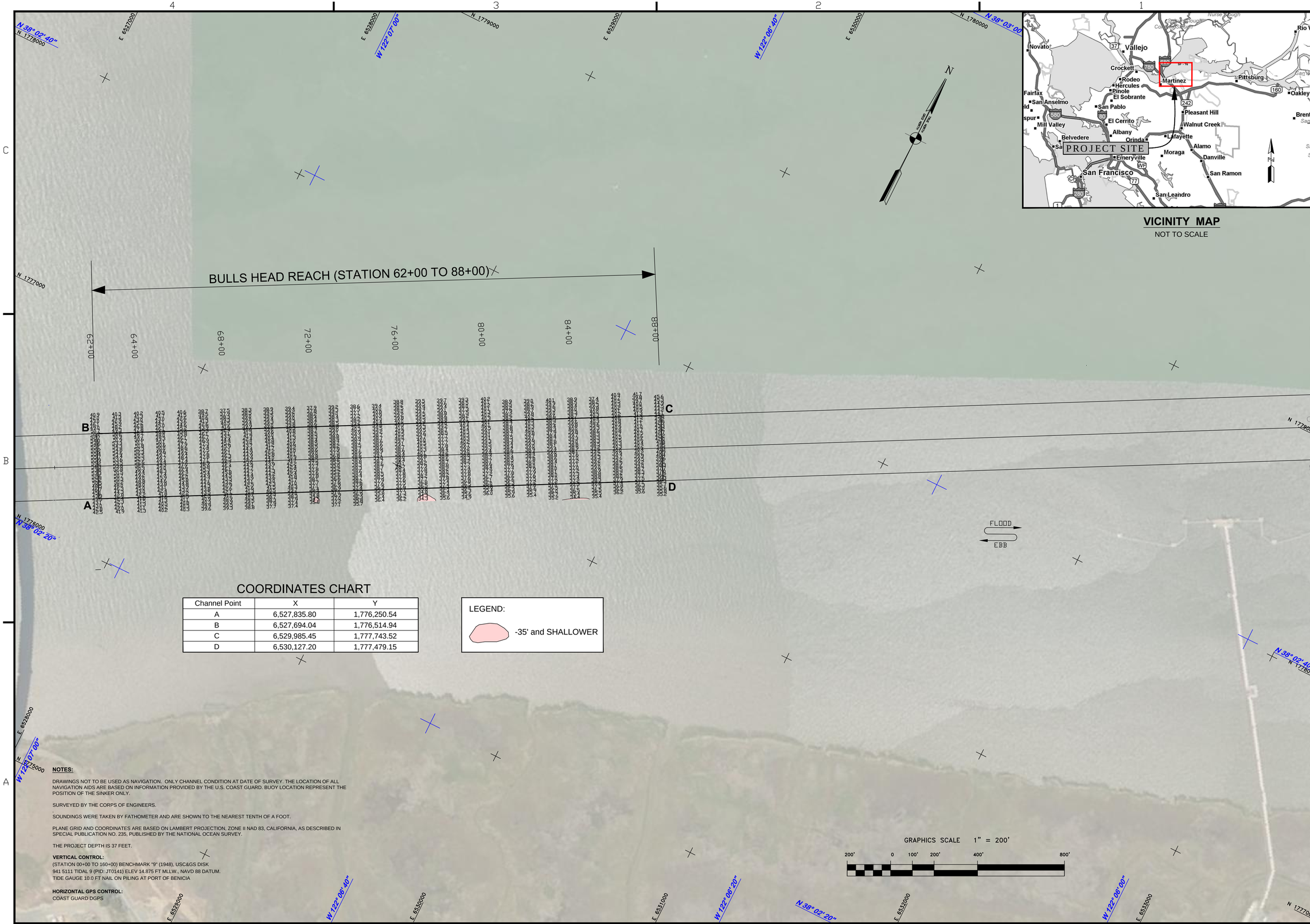

COORDINATES CHART

Channel Point	X	Y
A	6,527,835.80	1,776,250.54
B	6,527,694.04	1,776,514.94
C	6,529,985.45	1,777,743.52
D	6,530,127.20	1,777,479.15

LEGEND:

-35' and SHALLOWER

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 LOCATION REPRESENT THE POSITION OF THE SINKER ONLY.

SURVEYED BY THE CORPS OF ENGINEERS.

SOUNDINGS WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST TENTH OF A FOOT.

PLANE GRID AND COORDINATES ARE BASED ON LAMBERT PROJECTION, ZONE II NAD 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

THE PROJECT DEPTH IS 37 FEET.

VERTICAL CONTROL:
(STATION 00+00 TO 160+00) BENCHMARK "9" (1948), USC&GS DISK
941 5111 TIDAL 9 (PID: JT0141) ELEV 14.875 FT MLLW., NAVD 88 DATUM.
TIDE GAUGE 10.0 FT NAIL ON PILING AT PORT OF BENICIA

HORIZONTAL GPS CONTROL:
COAST GUARD DGPS

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

Mark	Description	Date	Appr.

DESIGNED BY:	CHECKED BY:	DRAWN BY:
DATE: 12/21/2016	SHEET NO. 1 OF 1	DRAWING NO. 4 1 xx

PREPARED UNDER THE DIRECTION OF
JOHN C. MORROW
LT. COLONEL, C.E., DISTRICT ENGINEER

SUBMITTED:
Survey Section Team Leader

APPROVAL RECOMMENDED:
Chief, Hydro Survey Section

APPROVED:
Chief, Engineering Technical Services Division

CONTRA COSTA COUNTY CALIFORNIA

SUISUN BAY CHANNEL
BULLSHEAD REACH
CONDITION SURVEY
19 DECEMBER 2016

Sheet reference number
1