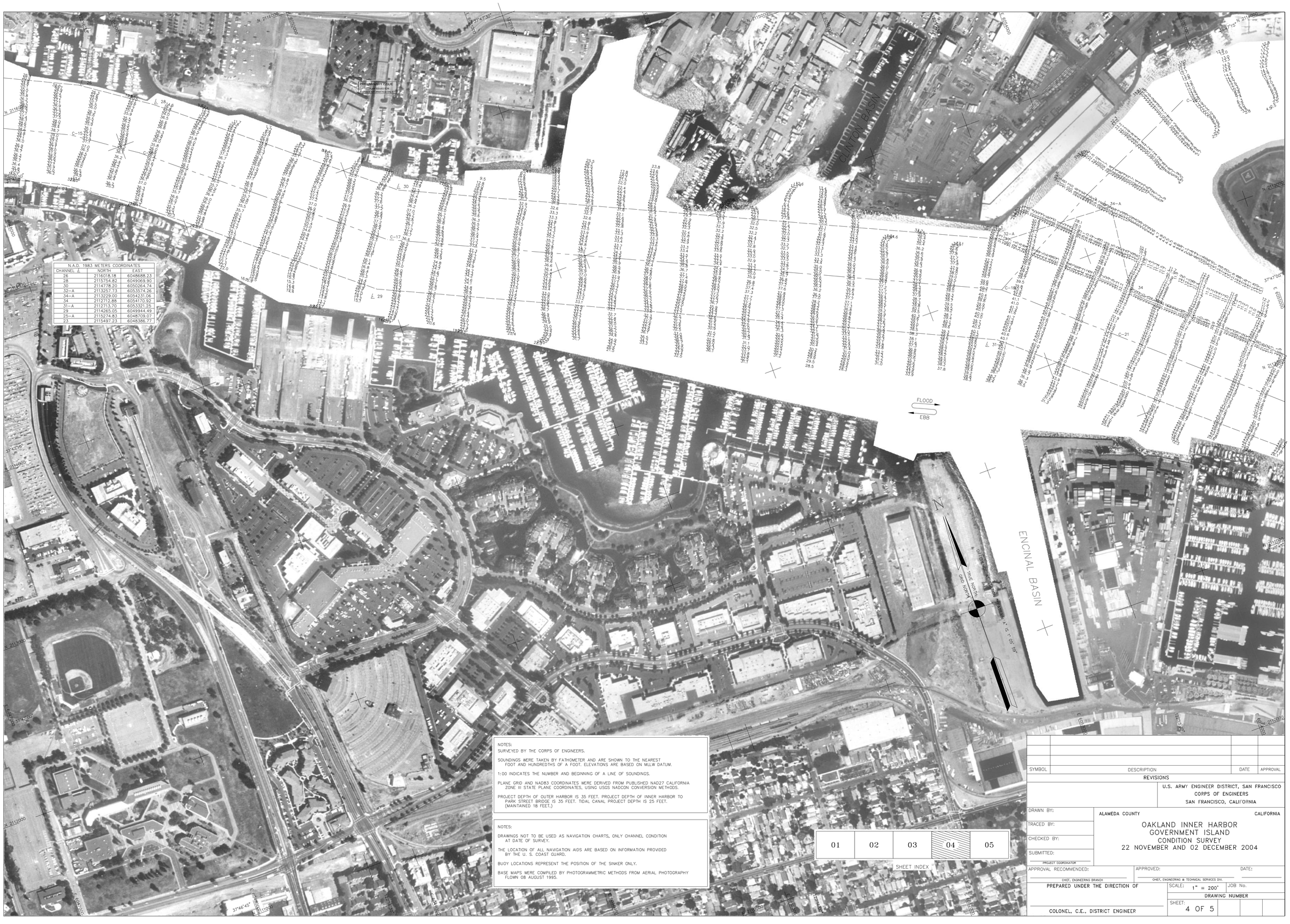

N.A.D. 1983 METERS COORDINATES		
CHANNEL ∠	NORTH	EAST
26	2116018.18	6048688.23
28	2115754.82	6049069.90
30	2114778.20	6050264.74
32–A	2113257.73	6053574.26
34–A	2113229.00	6054231.06
34	2112712.88	6054170.92
31–A	2112713.70	6053321.25
29	2114265.05	6049944.49
25–A	2115274.83	6048709.07
23	2115497.23	6048386.77

NOTES:

SURVEYED BY THE CORPS OF ENGINEERS.

SOUNDINGS WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST FOOT AND HUNDREDTHS OF A FOOT. ELEVATIONS ARE BASED ON MLLW DATUM.

1:00 INDICATES THE NUMBER AND BEGINNING OF A LINE OF SOUNDINGS.

PLANE GRID AND NAD83 COORDINATES WERE DERIVED FROM PUBLISHED NAD27 CALIFORNIA ZONE III STATE PLANE COORDINATES, USING USGS NADCON CONVERSION METHODS.

PROJECT DEPTH OF OUTER HARBOR IS 35 FEET. PROJECT DEPTH OF INNER HARBOR TO PARK STREET BRIDGE IS 35 FEET. TIDAL CANAL PROJECT DEPTH IS 25 FEET. (MAINTAINED 18 FEET.)

NOTES:

DRAWINGS NOT TO BE USED AS NAVIGATION CHARTS, 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.

BASE MAPS WERE COMPILED BY PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHY FLOWN 08 AUGUST 1995.

01	02	03	04	05

SHEET INDEX

SYMBOL	DESCRIPTION	DATE	APPROVAL

REVISIONS

U.S. ARMY ENGINEER DISTRICT, SAN FRANCISCO
CORPS OF ENGINEERS
SAN FRANCISCO, CALIFORNIA

DRAWN BY:
TRACED BY:
CHECKED BY:
SUBMITTED:
PROJECT COORDINATOR

ALAMEDA COUNTY CALIFORNIA

OAKLAND INNER HARBOR
GOVERNMENT ISLAND
CONDITION SURVEY
22 NOVEMBER AND 02 DECEMBER 2004

APPROVAL RECOMMENDED:
CHIEF, ENGINEERING BRANCH

APPROVED:
CHIEF, ENGINEERING & TECHNICAL SERVICES DIV.

DATE:

PREPARED UNDER THE DIRECTION OF

COLONEL, C.E., DISTRICT ENGINEER

SCALE: 1" = 200'

JOB No.

DRAWING NUMBER

SHEET: 4 OF 5