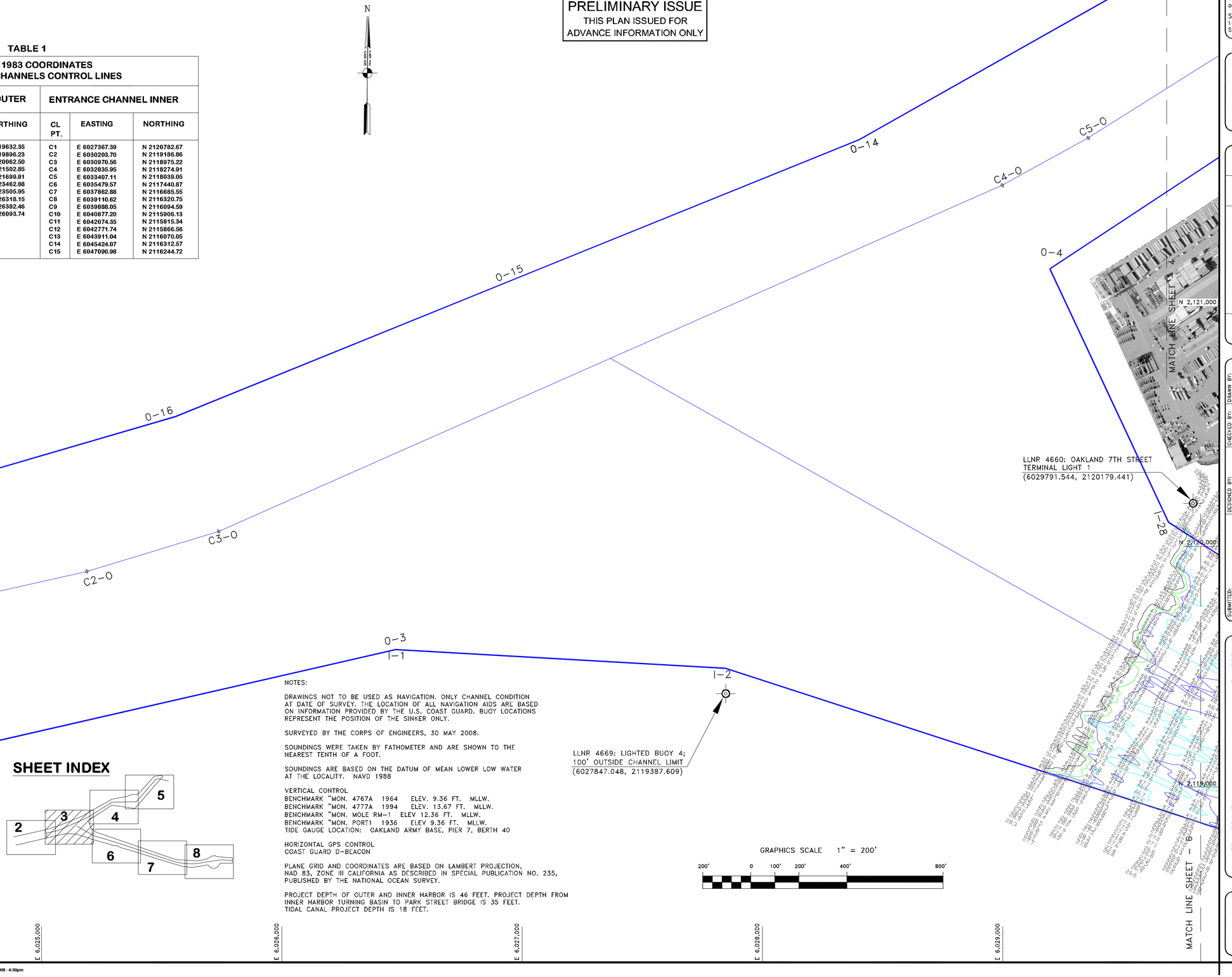
PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

TABLE 1

N.A.D. 1983 COORDINATES ENTRANCE CHANNELS CONTROL LINES					
ENTRANCE CHANNEL OUTER			**ENTRANCE CHANNEL INNER**		
CL PT.	**EASTING**	**NORTHING**	**CL PT.**	**EASTING**	**NORTHING**
C1	E 6024016.87	N 2119632.35	C1	E 6027367.39	N 2120782.67
C2	E 6025188.46	N 2119896.23	C2	E 6030203.70	N 2119186.86
C3	E 6025737.33	N 2120062.50	C3	E 6030970.56	N 2118975.22
C4	E 6028997.45	N 2121502.85	C4	E 6032835.95	N 2118274.91
C5	E 6029354.80	N 2121699.81	C5	E 6033407.11	N 2118039.05
C6	E 6032165.53	N 2123462.88	C6	E 6035479.57	N 2117440.87
C7	E 6035180.13	N 2123505.95	C7	E 6037862.88	N 2116685.55
C8	E 6037620.33	N 2126318.15	C8	E 6039110.62	N 2116320.75
C9	E 6038054.24	N 2126382.46	C9	E 6039886.05	N 2116094.59
C10	E 6039210.60	N 2126093.74	C10	E 6040877.20	N 2115906.13
			C11	E 6042074.35	N 2115815.34
			C12	E 6042771.74	N 2115866.56
			C13	E 6043911.04	N 2116070.05
			C14	E 6045424.07	N 2116312.57
			C15	E 6047090.98	N 2116244.72



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, 30 MAY 2008.

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

SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY. NAVD 1988

VERTICAL CONTROL
BENCHMARK "MON. 4767A 1964 ELEV. 9.36 FT. MLLW.
BENCHMARK "MON. 4777A 1994 ELEV. 13.67 FT. MLLW.
BENCHMARK "MON. MOLE RM-1 ELEV 12.36 FT. MLLW.
BENCHMARK "MON. PORT1 1936 ELEV 9.36 FT. MLLW.
TIDE GAUGE LOCATION: OAKLAND ARMY BASE, PIER 7, BERTH 40

HORIZONTAL GPS CONTROL
COAST GUARD D-BEACON

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

PROJECT DEPTH OF OUTER AND INNER HARBOR IS 46 FEET. PROJECT DEPTH FROM INNER HARBOR TURNING BASIN TO PARK STREET BRIDGE IS 35 FEET. TIDAL CANAL PROJECT DEPTH IS 18 FEET.

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

Mark	Description	Date	Appr

DESIGNED BY:
DATE: 6/4/2008
SHEET NO. 3 OF 8
CHECKED BY: TVW
DRAWING NO. 2
DRAWN BY: EWC
XXX

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

SUBMITTED:
MC
Hydro. Survey Team Leader

APPROVAL RECOMMENDED:
Chief, Technical Support Section

APPROVED:
Chief, Construction Branch

CALIFORNIA
ALAMEDA COUNTY

OAKLAND HARBOR
INNER HARBOR
PREDREDGE SURVEY
30 MAY 2008

Sheet reference number
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