PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

TABLE 1

N.A.D. 1983 COORDINATES
OUTER HARBOR CHANNEL ANGLE POINTS AND CONTROL LINE

CHANNEL ∠ PT.	EASTING	NORTHING	CL ∠ PT.	EASTING	NORTHING
O-1	E 6029195.32	N 2121154.59	C1-O	E 6027223.76	N 2120719.23
O-2	E 6032145.86	N 2123096.60	C2-O	E 6028185.70	N 2121144.22
O-3	E 6035035.47	N 2122691.23	C3-O	E 6028997.45	N 2121502.85
O-4	E 6036139.65	N 2123963.51	C4-O	E 6029354.80	N 2121699.81
O-5	E 6038502.15	N 2126685.68	C5-O	E 6030364.92	N 2122333.43
O-6	E 6038225.45	N 2126792.32	C6-O	E 6032165.53	N 2123462.88
O-7	E 6037357.62	N 2126663.70	C7-O	E 6032193.00	N 2123463.27
O-8	E 6035497.65	N 2124519.77	C8-O	E 6034212.79	N 2123492.13
O-9	E 6035435.04	N 2124447.60	C9-O	E 6035180.13	N 2123505.95
O-10	E 6034521.88	N 2124383.85	C10-O	E 6035818.57	N 2124241.71
O-11	E 6034015.75	N 2124177.44	C11-O	E 6036937.35	N 2125530.89
O-12	E 6032185.18	N 2123829.00	C12-O	E 6037620.33	N 2126318.15
O-13	E 6028402.05	N 2121692.56	C13-O	E 6038445.33	N 2126785.15
O-14	E 6027018.64	N 2121132.23			

W 122° 21' 40" | E 6,025,000 | W 122° 21' 20" | E 6,026,000 | E 6,027,000 | W 122° 21' 00" | E 6,028,000 | W 122° 20' 40" | E 6,029,000

N 2,122,000 | N 37° 48' 20" | N 2,121,000 | N 37° 48' 00" | N 2,120,000 | N 2,119,000

0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00 10+00 10+51 11+00 12+00 13+00 14+00 15+00 16+00 17+00 18+00 19+00 20+00 21+00

BL 1 | BL 2

O-1 O-2 O-3 O-4 O-5 O-6 O-7 O-8 O-9 O-10 O-11 O-12 O-13 O-14

I-1 I-2 I-3 I-4 I-30 I-31 I-32 I-33 I-34

C1-O C1-I C2-I C3-I C4-I C5-I C6-I C7-I

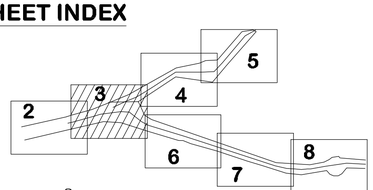
LLNR 4660: OAKLAND 7TH STREET
TERMINAL LIGHT 1
(6029791.544, 2120179.441)

LLNR 4669: LIGHTED BUOY 4;
100' OUTSIDE CHANNEL LIMIT
(6027847.048, 2119387.609)

MATCH LINE SHEET 4

MATCH LINE SHEET - 6

SHEET INDEX



GRAPHICS SCALE 1" = 200'

200' 0 100' 200' 400' 800'

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

Mark	Description	Date	Appr.

DESIGNED BY: PDT	CHECKED BY: PDT	DRAWN BY: PDT		
DATE: 3/25/2014	SHEET NO. 3 OF 8	DRAWING NO. 2	2	XXX

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

SUBMITTED: PDT
Hydro. Survey Team Leader

APPROVAL RECOMMENDED:
Chief, Hydro. Survey Section

APPROVED:
Chief, Construction Branch

CALIFORNIA

OAKLAND HARBOR
OUTER HARBOR
CONDITION SURVEY
24 MARCH 2014

ALAMEDA COUNTY

Sheet reference number
C3

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