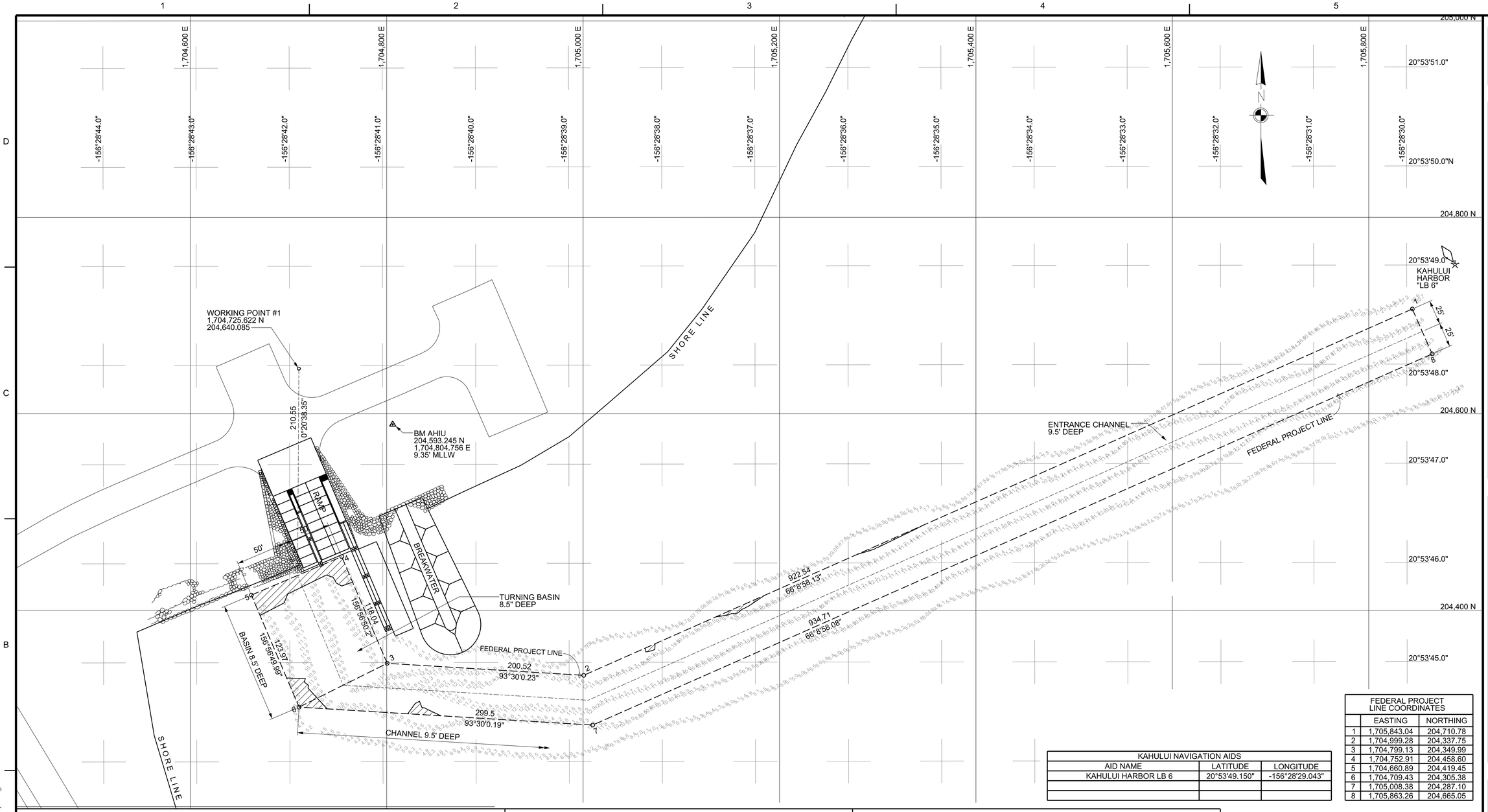
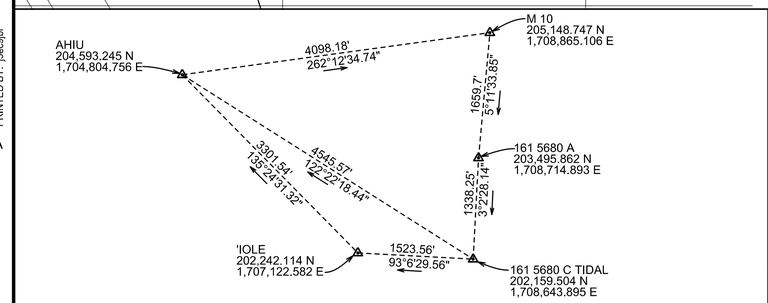


FEDERAL PROJECT LINE COORDINATES		
	EASTING	NORTHING
1	1,705,843.04	204,710.78
2	1,704,999.28	204,337.75
3	1,704,799.13	204,349.99
4	1,704,752.91	204,458.60
5	1,704,660.89	204,419.45
6	1,704,709.43	204,305.38
7	1,705,008.38	204,287.10
8	1,705,863.26	204,665.05

KAHULUI NAVIGATION AIDS		
AID NAME	LATITUDE	LONGITUDE
KAHULUI HARBOR LB 6	20°53'49.150"	-156°28'29.043"



TRIANGULATION MAP

LEGEND

PRIMARY CONTROL POINT
COORDINATED SURVEY POINT
UNCOORDINATED SURVEY POINTS
DREDGING RANGES FRONT
RIVER MILEAGE FROM MOUTH
BENCHMARKS
GAGES STAFF
REAR
RECORDING

AIDS TO NAVIGATION

LIGHTHOUSES
LIGHTS
LIGHTED RANGES
LIGHTED BUOYS
UNLIGHTED BUOYS
DAYBEACONS
SEASONAL LIGHTS AND LIGHTED DREDGING RANGES

FIXED, FLASHING, OSCILLATING, FRONT, REAR, STARBOARD, PORT, MID CHANNEL, JUNCTION, PORT 3, STARBOARD

THE EXISTING PROJECT

PROVIDES FOR AN ENTRANCE CHANNEL 9.5 FEET IN DEPTH AND A TURNING BASIN 8.5 FEET IN DEPTH.

NOTES

APPROXIMATE BANKLINE DIGITIZED FROM PHOTOGRAPHY TAKEN 28 SEPT 2003. CONTROL IS BY USACE.

DEPTHS TAKEN FROM HYDROGRAPHIC SURVEY COMPLETED BY U.S. ARMY CORPS OF ENGINEERS, PORTLAND DISTRICT ON 03 APRIL, 2013.

COORDINATES ARE BASED ON NAD83 HARN (1993) HAWAII STATE PLANE COORDINATE SYSTEM, ZONE 2, SURVEY FEET.

DATUM IS MEAN LOWER LOW WATER.

AZUMITHS ARE MEASURED FROM SOUTH.

SOUNDINGS ARE SHOWN IN FEET AND INDICATE DEPTHS BELOW MLLW. ELEVATIONS ARE SHOWN THUS: +2. INDICATING HEIGHT IN FEET ABOVE MLLW. THE MLLW PLANE IS SHOWN THUS:
THE PROJECT DEPTH CURVE IS SHOWN THUS:

HORIZONTAL DATUM AND LONGITUDE/LATITUDE REFERENCED TO NAD 83 HARN (1993).

GAUGE SITE: 161 5680 C TIDAL, ELEV=5.91 MLLW (1983-2001).

THIS CHART IS INTENDED FOR DREDGING PURPOSES ONLY.

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITION EXISTING AT THAT TIME.

PROJECTION: HAWAII STATE PLANE ZONE 2 (FEET)
HORIZONTAL DATUM: NAD83 HARN (1993)
VERTICAL DATUM: LOCAL TIDAL DATUM - MLLW (1983-2001)
GEOID: HAWAII 2003

BM NAME	NORTHING	EASTING	MLLW (FT)
* 161 5680 A	203,495.862	1,708,714.893	7.45
* 161 5680 C TIDAL	202,159.504	1,708,643.895	5.91
AHIU	204,593.245	1,704,804.756	9.35
* 'IOLE	202,242.114	1,707,122.582	7.91
* M 10	205,148.747	1,708,865.106	7.25

(* Plots Off-Chart)

GRAPHIC SCALE

50 0 50 100 150

SCALE:1"=50'

NOTE: ALL UNITS ARE IN U.S. SURVEY FEET (FT) UNLESS INDICATED OTHERWISE.

US Army Corps of Engineers®
Honolulu District

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: P. TOM
DRAWN BY: J. ROSS
SUBMITTED BY: M. WONG
PLOT SCALE: 1:1
PLOT DATE: 9/17/2013
SIZE: ANSI D
DATE: AUG. 27, 2013
REVISION:
CHECKED BY: P. TOM
SOLICIT./ CONTRACT NO.:
LOCATION CODE
DRAWING NUMBER:
FILE NAME: 13KLD1\Kahului_LDH_VH101xxx.dgn

U.S. ARMY CORPS OF ENGINEERS
HONOLULU DISTRICT
FT SHAFTER, HAWAII

CIVIL WORKS TECHNICAL BRANCH
CEPOH-EC-T
BUILDING 223
FORT SHAFTER, HAWAII

FY13 HYDROSURVEYS
KAHULUI LIGHT DRAFT HARBOR
HYDROGRAPHIC SURVEY
MAUI, HAWAII

SITE PLAN & SURVEY NOTES

SHEET IDENTIFICATION
VH101
SHEET 1 OF 1

FILE: pw:\\PDH-AP07FTS.poh.ds.usace.army.mil:poh-ap07ftsDocuments11 Other Locations\2 - Kahului\2013 HydroSurveys\13KL01\Drawings\13KL01-Kahului_LDH_VH101xxx.dgn
MODEL NAME: Sheet
DATE & TIME: 9/17/2013 6:28:41 AM
LAST SAVED BY:
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PEN TABLE: BW_and_Grayscale_Pen
PRINTED BY: j3ed\jbr