



FILE: H:\m\0754\Kawaihae\Kawaihae_DRAFT_VH101.dwg
 PLOT DRIVER: C:\ProgramData\Bentley\Drawings\16 (SELECT)tables\1\WorkSpaceSystem\p16tbl.dwg
 MODEL NAME: ANSIE
 DATE & TIME: 8/24/2015 10:13:52 AM
 PLOT TABLE: BW_and_Geocentric_Pan.dwg
 PRINTED BY: jfacinos

LEGEND

PRIMARY CONTROL POINT
 COORDINATED SURVEY POINT
 UNCOORDINATED SURVEY POINTS
 DREDGING RANGES FRONT
 RIVER MILEAGE FROM MOUTH

AIDS TO NAVIGATION

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

GRAPHIC SCALE

SCALE: 1"=150'

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

THE EXISTING PROJECT:
 PROVIDES FOR AN ENTRANCE CHANNEL 520 FEET WIDE AND 40 FEET DEEP TO A TURNING BASIN OF VARYING WIDTH AND 35 FEET DEEP.

NOTES:
 DEPTHS TAKEN FROM HYDROGRAPHIC CONDITION SURVEY BY PORTLAND DISTRICT ON 25 MAY 2015. COORDINATES BASED ON NAD 83 HARN (1983) HAWAII STATE PLANE COORDINATE SYSTEM, ZONE 1. DIMENSIONS ARE GIVEN IN U.S. SURVEY FEET. VERTICAL DATUM IS MEAN LOWER LOW WATER (MLLW). THE LOCAL TIDAL DATUM IS REFERENCED TO THE MOST RECENT EPOCH (1983-2001).
 SOUNDINGS ARE SHOWN IN FEET AND INDICATE DEPTHS BELOW MLLW, 1983-2001 EPOCH. 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.

FEDERAL PROJECT LINE COORDINATES	EASTING	NORTHING
1	1524298.3	438497.7
2	1525052.2	437405.3
3	1526072.7	436371.1
4	1526747.6	435566.3
5	1527240.2	434737.8
6	1527620.0	433949.7
7	1527971.6	433132.7
8	1528298.0	432445.6
9	1528718.4	431705.7
10	1529438.3	430930.7

CUT VOLUME = 28579 YD³

US Army Corps of Engineers
 Honolulu District

DATE: _____ CHECKED BY: _____ BIDDIT CONTRACT NO.: _____
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DESIGNED BY: U.S. ARMY CORPS OF ENGINEERS
 HONOLULU DISTRICT
 FT SHAFER, HAWAII

CIVIL WORKS TECHNICAL BRANCH

KAWAIHAE DEEP DRAFT HARBOR
 CONDITION SURVEY
 KAWAIHAE ISLAND OF HAWAII

SITE PLAN SURVEY
 NOTES & SOUNDINGS

SHEET IDENTIFICATION
 VH101

SHEET 1 OF 6