



BM "WALEA"
ELEV=3.45 FT. (MLLW)
N: 42363.15
E: 1688575.36
LAT: 21°56'59.59"
LONG: 159°21'28.43"
NAD83 (2011)

FEDERAL PROJECT LINE COORDINATES		
	EASTING	NORTHING
1	1688984.40	42656.10
2	1688762.06	42096.51
3	1688619.48	42008.04
4	1687637.84	42150.67
5	1687597.00	42205.19
6	1687601.59	42236.86
7	1688292.35	42136.44
8	1688321.05	42334.37
9	1688518.98	42305.59
10	1688503.19	42496.73
11	1688545.50	42140.06
12	1688593.38	42133.10
13	1688663.15	42177.63
14	1688855.11	42731.23

BENCHMARK COORDINATES		
B/M NAME	NORTHING	EASTING
WALEA	42363.15	1688575.36
*161 1400 S	44114.06	1690070.99
*161 1400 A	43973.21	1688812.65
* PLOTS OFF-CHART		

THE EXISTING PROJECT:
PROVIDES FOR A 1034' LONG ENTRANCE CHANNEL 12' DEEP AND 120' WIDE, A TURNING BASIN 12' DEEP AND 200' BY 200' IN AREA, AND A 688' LONG ACCESS CHANNEL VARYING FROM 10' TO 8' DEEP AND 80' WIDE.

NOTES:
DEPTHS TAKEN FROM HYDROGRAPHIC CONDITION SURVEY BY PORTLAND DISTRICT ON 14 JANUARY 2020. COORDINATES BASED ON NAD 1983, HAWAII STATE PLANE COORDINATE SYSTEM, ZONE 4.

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 LIMITS WERE OBTAINED FROM A COMBINATION OF "NAWILIWILI SBH AS-BUILT (1973), AND "NAWILIWILI DDH VARIOUS PIER & BULKHEAD LINES", ORIGINALLY ON HAWAIIAN STATE PLANE COORDINATE SYSTEM, AND REPROJECTED TO NAD 1983 PA11 HAWAII STATE PLANE ZONE 4, FEET.

CUT VOLUME = 2,332 CY

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

AIDS TO NAVIGATION
 LIGHTHOUSES —
 LIGHTS —
 LIGHTED RANGES —
 LIGHTED BUOYS —
 UNLIGHTED BUOYS —
 DAYBEACONS —
 SEASONAL LIGHTS AND LIGHTED DREDGING RANGES —

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

DESIGNED BY: U.S. ARMY CORPS OF ENGINEERS
 DRAWN BY: HONOLULU DISTRICT
 CHECKED BY: FT SHAFTER, HAWAII
 SUBMITTED BY: CIVIL WORKS TECHNICAL BRANCH
 AS SHOWN: GEOPHOTO
 SIZE: A3
 DATE: 10/10/2020

ISSUE DATE:
 SOLICITATION NO.:
 CONTRACT NO.:

DATE DESCRIPTION
 DATE DESCRIPTION
 DATE DESCRIPTION

U.S. ARMY CORPS OF ENGINEERS
 HONOLULU DISTRICT
 FT SHAFTER, HAWAII
 CIVIL WORKS TECHNICAL BRANCH
 GEOPHOTO
 FT SHAFTER, HAWAII

FY20 HYDROGRAPHS
 NAWILIWILI HARBOR
 HYDROGRAPHS SURVEY
 KAUAI, HAWAII
 SITE PLAN &
 SURVEY NOTES

SHEET ID
 VH101