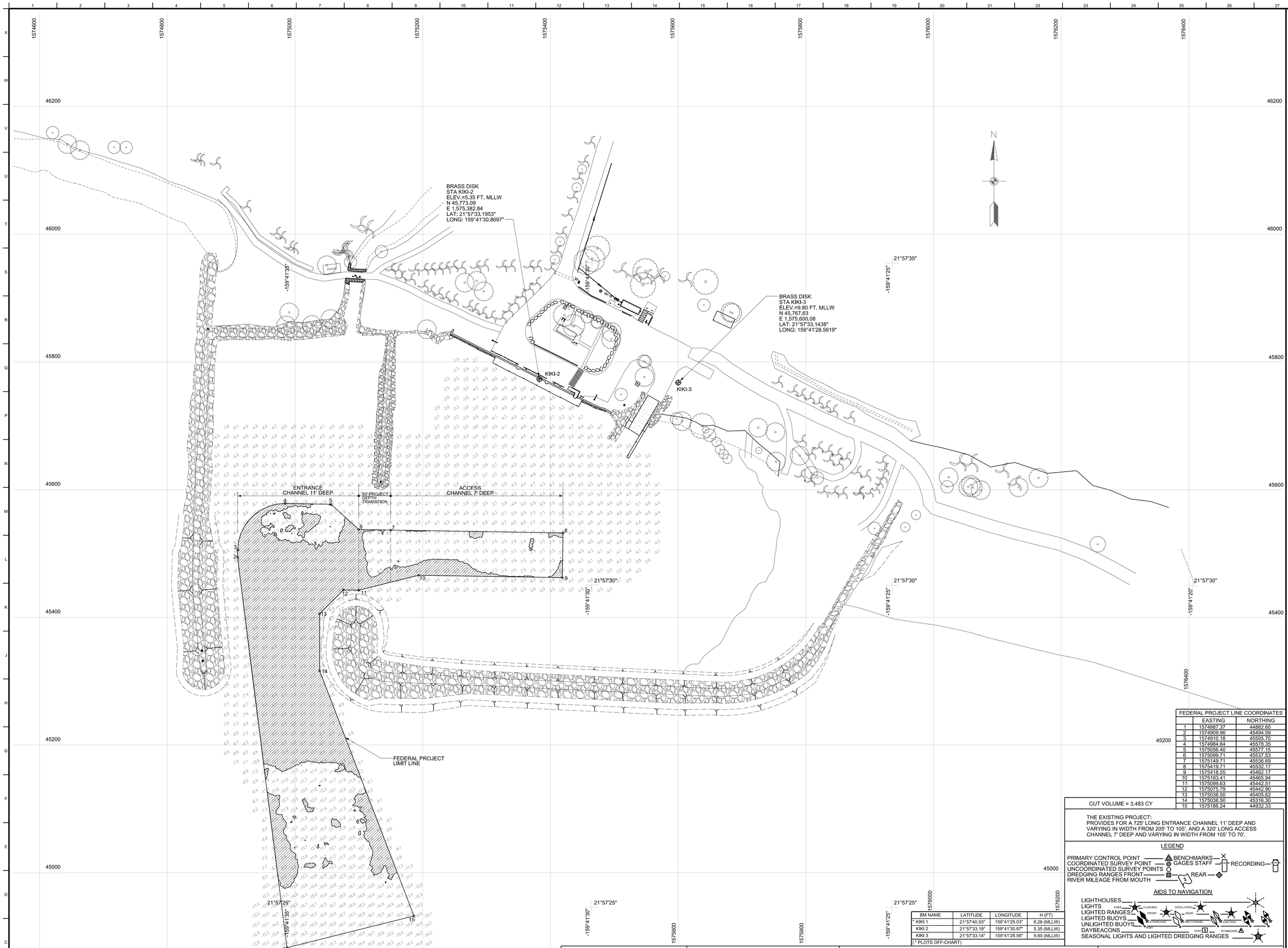


FEDERAL PROJECT LINE COORDINATES		
	EASTING	NORTHING
1	1574987.37	44882.60
2	1574909.96	45494.59
3	1574910.18	45505.70
4	1574984.64	45578.35
5	1575056.40	45577.15
6	1575099.71	45537.53
7	1575149.71	45536.69
8	1575419.71	45532.17
9	1575418.55	45462.17
10	1575193.41	45465.94
11	1575099.63	45442.51
12	1575075.79	45442.90
13	1575038.50	45405.62
14	1575038.50	45316.30
15	1575186.24	44932.33

CUT VOLUME = 3,483 CY

THE EXISTING PROJECT:
PROVIDES FOR A 725' LONG ENTRANCE CHANNEL 11' DEEP AND VARYING IN WIDTH FROM 205' TO 105', AND A 320' LONG ACCESS CHANNEL 7' DEEP AND VARYING IN WIDTH FROM 105' TO 70'.

LEGEND

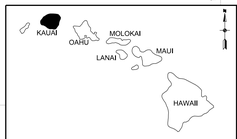
PRIMARY CONTROL POINT
COORDINATED SURVEY POINT
UNCOORDINATED SURVEY POINTS
DREDGING RANGES FRONT
RIVER MILEAGE FROM MOUTH
BENCHMARKS
GAGES STAFF
RECORDING
REAR

AIDS TO NAVIGATION

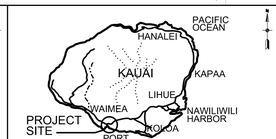
LIGHTHOUSES
LIGHTS
LIGHTED RANGES
LIGHTED BUOYS
UNLIGHTED BUOYS
DAYBEACONS
SEASONAL LIGHTS AND LIGHTED DREDGING RANGES
FIXED
FLASHING
OSCILLATING
FRONT
REAR
STARBOARD
PORT
JNCTION

BM NAME	LATITUDE	LONGITUDE	H (FT)
* KIKI 1	21°57'40.93"	159°41'29.03"	8.28 (MLLW)
KIKI 2	21°57'33.19"	159°41'30.87"	5.35 (MLLW)
KIKI 3	21°57'33.14"	159°41'28.56"	9.80 (MLLW)

(* PLOTS OFF-CHART)



HAWAIIAN ISLANDS



PROJECT SITE MAP
NOT TO SCALE

DEPTHS TAKEN FROM HYDROGRAPHIC CONDITION SURVEY BY PORTLAND DISTRICT ON 14 JANUARY 2020. COORDINATES BASED ON NAD 1983 2011 , 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. ELEVATIONS ARE SHOWN THUS +2, INDICATING HEIGHT IN FEET ABOVE MLLW.

LONGITUDE/LATITUDE IS REFERENCED TO NAD 1983 2011.

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.

GRAPHIC SCALE
50' 0 50' 100' 200'
SCALE:1"=50'

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

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

MARK	DESCRIPTION	DATE

DESIGNED BY:
DRAWN BY: CHRIS WAY
CHECKED BY:
ISSUE DATE:
SOLICITATION NO.:
CONTRACT NO.:
SUBMITTED BY:
SCALE: AS SHOWN
SIZE: ANSI D
2020/01, VH101.dgn

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

CIVIL WORKS TECHNICAL BRANCH
GEOPHECT
ELIZABETH ROTH
FORT SHAFTER, HAWAII

F20 HYDROSURVEYS
KIKIAOLA LIGHT FT SHAFTER HARBOR
HYDROGRAPHIC SURVEY
KAUAI, HAWAII

SITE PLAN & SURVEY NOTES

SHEET ID
VH101