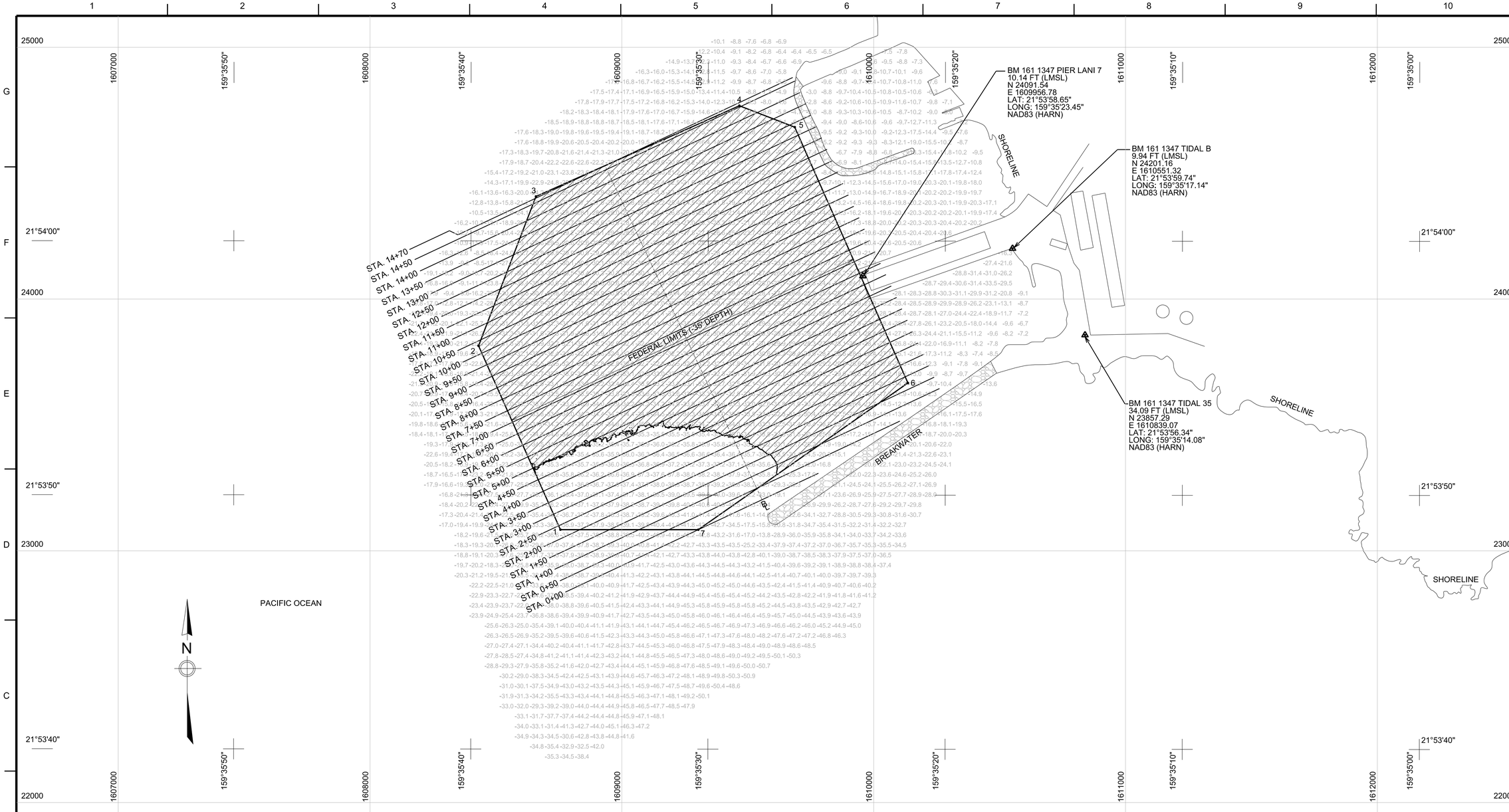
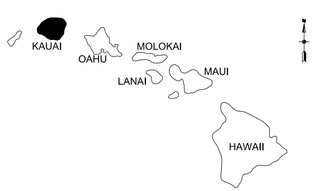
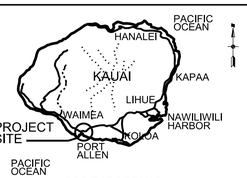




HAWAIIAN ISLANDS



PROJECT SITE MAP
NOT TO SCALE

FEDERAL PROJECT LINE COORDINATES

	EASTING	NORTHING
1	1608755.92	23084.05
2	1608430.79	23814.53
3	1608658.76	24407.67
4	1609466.65	24767.90
5	1609686.36	24682.85
6	1610135.86	23666.66
7	1609303.37	23083.92

PROJECTION: HAWAII STATE PLANE ZONE 4 (FEET)
HORIZONTAL DATUM: NAD83 (2011)
VERTICAL DATUM: LOCAL TIDAL DATUM - MLLW (1983-2001)
GEOID: HAWAII 2003

CUT VOLUME = 444303 YD^3

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
MID CHANNEL
JUNCTION
PORT
PORT 3
STARBOARD

NOTES

APPROXIMATE BANKLINE DIGITIZED FROM 2013 (ALL_HAWAII_2.XWMS) PHOTOGRAPHY. DEPTHS TAKEN FROM HYDROGRAPHIC SURVEY BY PORTLAND DISTRICT ON 09 FEB 2019. COORDINATES BASED ON NAD 83 (2011), HAWAII STATE COORDINATE SYSTEM, ZONE 4. DIMENSIONS ARE GIVEN IN U.S. SURVEY FEET. 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: -2.5, INDICATING HEIGHT IN FEET BELOW MLLW. THE MLLW PLANE IS SHOWN THUS:
THE PROJECT DEPTH CURVE IS SHOWN THUS:

LONGITUDE/LATITUDE IS REFERENCED TO NAD 83 (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.

THE EXISTING PROJECT

PROVIDES FOR A TURNING BASIN OF VARYING WIDTH AND 35 FEET IN DEPTH.

GRAPHIC SCALE
200 0 200 400 600
SCALE:1"=200'

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

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: MMMMMMMMM YYYY
SOLICITATION NO.: XXXXXX-XX-X-XXXX
CONTRACT NO.: WXXXXX-XX-X-XXX

DESIGNED BY: T. SMITH
DRAWN BY: M. STANSBURY
CHECKED BY:
SUBMITTED BY:
SIZE: ANSI D

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

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

FY19 HYDROSURVEYS
PORT ALLEN DEEP DRAFT HARBOR
HYDROGRAPHIC SURVEY
HANAPEPE, KAWAI, HAWAII

SITE PLAN & SURVEY NOTES

SHEET ID
VH101