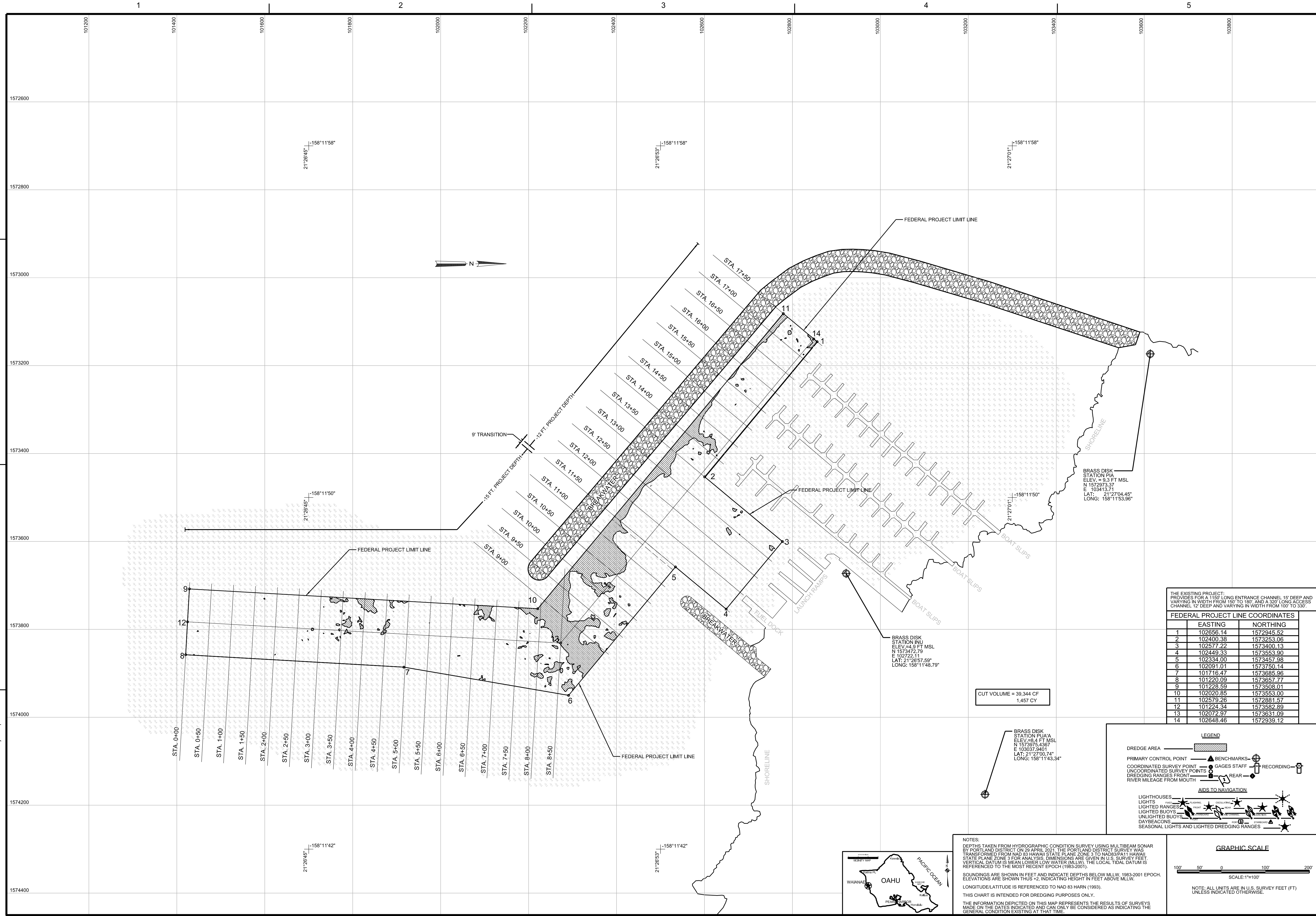


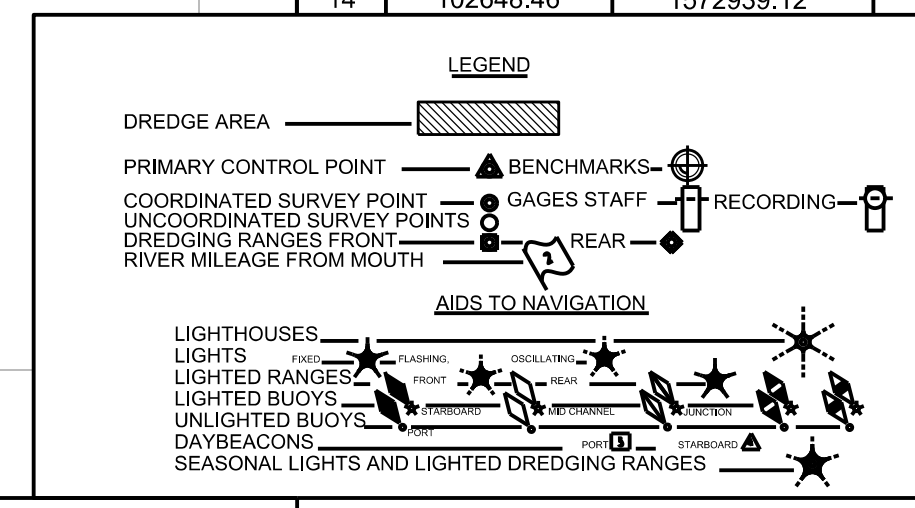
FILE: E:\Projects\Hydro\Waianae_VH101.dgn
 MODEL NAME: VH101-ANSI.D
 PLOT DRIVER: C:\ProgramData\Bentley\MicroStation V8i (SELECTseries)\WorkSpace\System\pltrg\pdf.pltrg
 PEN TABLE: BW_and_GrayScale_Pen.tbl
 DATE & TIME: 8/25/2021 9:24:17 AM
 LAST SAVED BY: Bcs309b



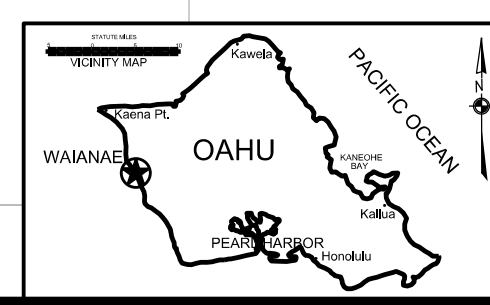
THE EXISTING PROJECT:
 PROVIDES FOR A 1150' LONG ENTRANCE CHANNEL 15' DEEP AND VARYING IN WIDTH FROM 150' TO 180', AND A 320' LONG ACCESS CHANNEL 12' DEEP AND VARYING IN WIDTH FROM 100' TO 330'.

FEDERAL PROJECT LINE COORDINATES		
	EASTING	NORTHING
1	102656.14	1572945.52
2	102400.38	1573253.06
3	102577.22	1573400.13
4	102449.33	1573553.90
5	102334.00	1573457.98
6	102091.01	1573750.14
7	101716.47	1573685.96
8	101220.09	1573857.77
9	101228.59	1573508.01
10	102020.85	1573553.00
11	102579.26	1572881.57
12	101224.34	1573582.89
13	102072.97	1573631.09
14	102648.46	1572939.12

CUT VOLUME = 39,344 CF
 1.457 CY



NOTES:
 DEPTHS TAKEN FROM HYDROGRAPHIC CONDITION SURVEY USING MULTIBEAM SONAR BY PORTLAND DISTRICT ON 29 APRIL 2021. THE PORTLAND DISTRICT SURVEY WAS TRANSFORMED FROM NAD 83 HAWAII STATE PLANE ZONE 3 TO NAD 83 HAWAII STATE PLANE ZONE 3 FOR ANALYSIS. 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 WITH '+2', INDICATING HEIGHT IN FEET ABOVE MLLW.
 LONGITUDE/LATITUDE IS REFERENCED TO NAD 83 HARN (1993).
 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.



US Army Corps of Engineers
 Honolulu District

ISSUE DATE:	SOLICIT / CONTRACT NO.:	DATE	APPR
DESIGNED BY:	CHKD BY:	DATE	APPR
DESIGNED BY:	CHKD BY:	DATE	APPR
DESIGNED BY:	CHKD BY:	DATE	APPR
DESIGNED BY:	CHKD BY:	DATE	APPR
DESIGNED BY:	CHKD BY:	DATE	APPR

U.S. ARMY CORPS OF ENGINEERS
 HONOLULU DISTRICT
 HONOLULU, HI

CIVIL WORKS TECHNICAL BRANCH
 BUILDING 223
 FORT SHAFTER, HAWAII

WAIAANAE SMALL BOAT HARBOR
 MAINTENANCE DREDGING
 CITY OF WAIAANAE, HAWAII

SITE PLAN &
 SURVEY NOTES

SHEET IDENTIFICATION
VH101
 SHEET 1 OF 1