

US Army Corps  
of Engineers  
Honolulu District

NO.	DATE	DESCRIPTION

DATE: _____	CHECKED BY: _____	BIDDIT CONTRACT NO.: _____	LOCATION CODE: _____
DRAWN BY: _____	HONOLULU DISTRICT	FT SHAFER, HAWAII	
SUBMITTED BY: _____	THOMAS R. SMITH, P.E.		
SCALE: _____	SCALE: _____	BRANCH: _____	DRAWING NUMBER: _____
FILE NAME: _____	FILE NUMBER: _____	PROJECT: _____	
SHEET: _____	PROJECT: _____		

WAIANAE SMALL BOAT HARBOR  
 MAINTENANCE DREDGING  
 CITY OF WAIANAE, HAWAII

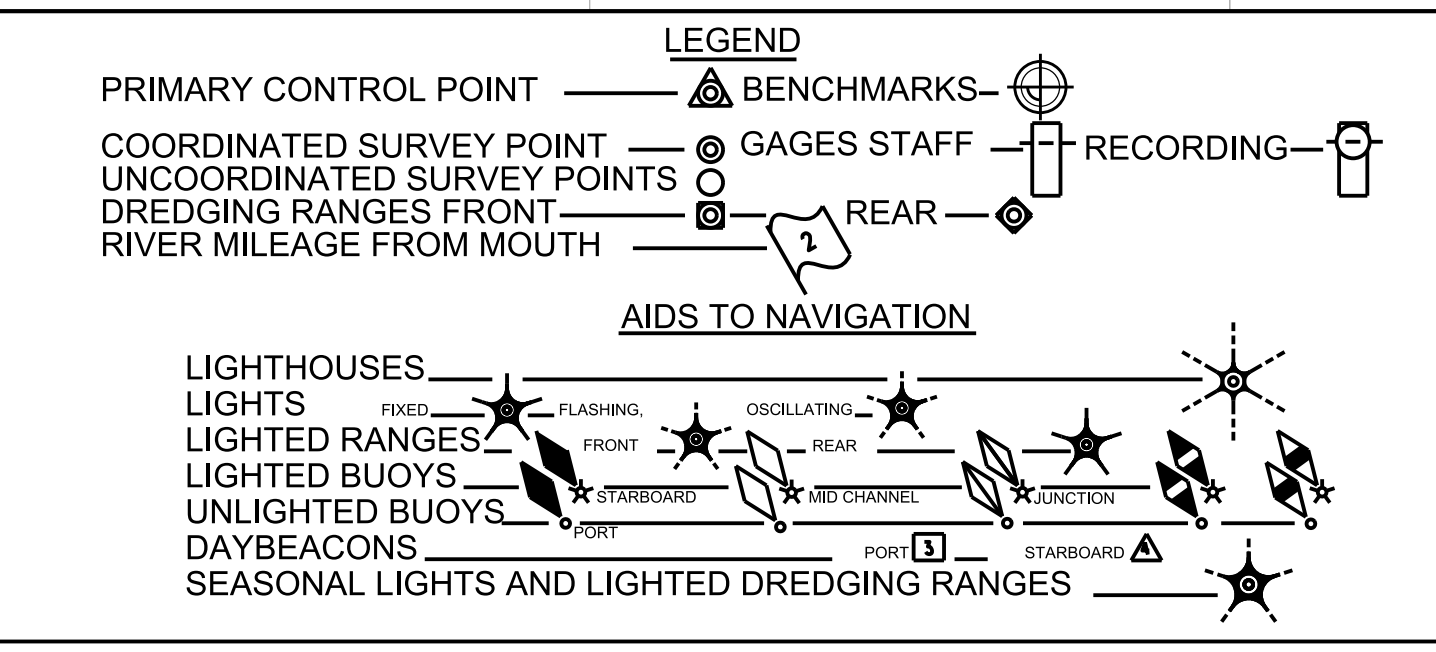
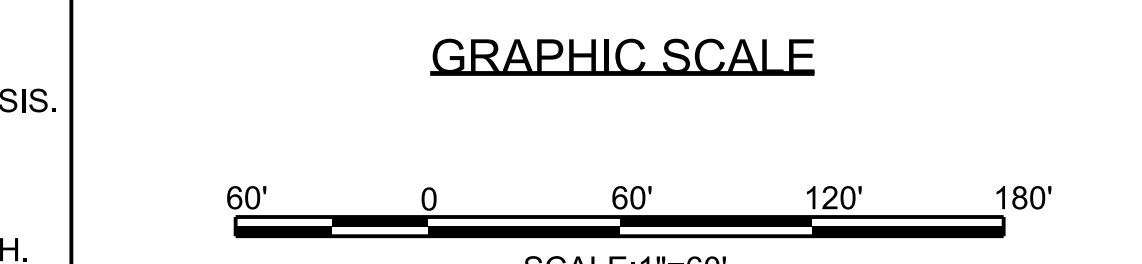
SITE PLAN &  
SURVEY NOTES

**SHEET IDENTIFICATION**  
**VH101**

SHEET 1 OF 7

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	1573657.77
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



**NOTES:**  
 DEPTHS TAKEN FROM HYDROGRAPHIC CONDITION SURVEY BY PORTLAND DISTRICT ON  
 08 MAY 2018. THE PORTLAND DISTRICT SURVEY WAS TRANSFORMED FROM NAD 83  
 HAWAII STATE PLANE ZONE 3 TO NAD 83 HARN 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 THUS +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.