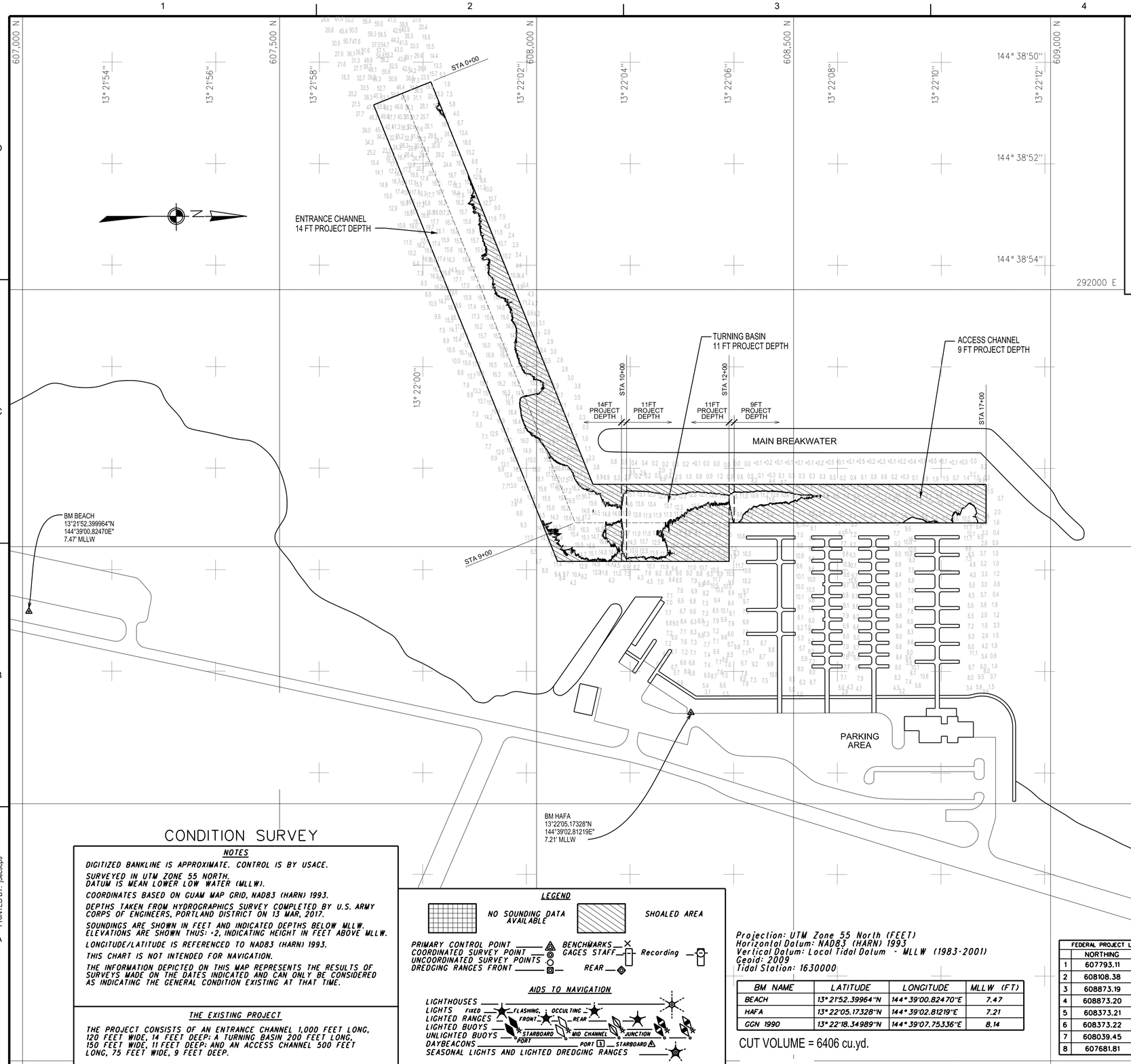

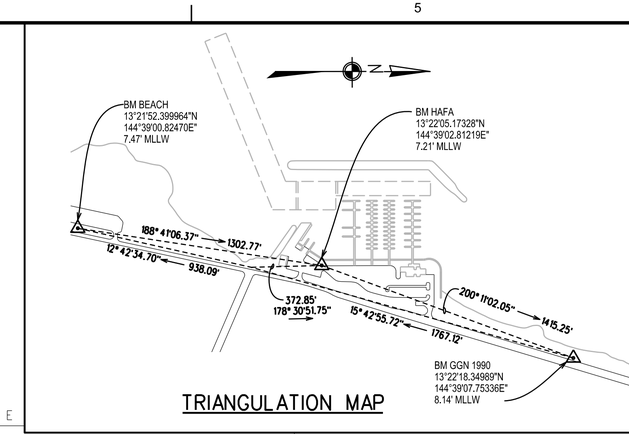

TRIANGULATION MAP

CONDITION SURVEY

NOTES

DIGITIZED BANKLINE IS APPROXIMATE. CONTROL IS BY USACE.

SURVEYED IN UTM ZONE 55 NORTH.
DATUM IS MEAN LOWER LOW WATER (MLLW).

COORDINATES BASED ON GUAM MAP GRID, NAD83 (HARN) 1993.

DEPTHS TAKEN FROM HYDROGRAPHICS SURVEY COMPLETED BY U.S. ARMY CORPS OF ENGINEERS, PORTLAND DISTRICT ON 13 MAR, 2017.

SOUNDINGS ARE SHOWN IN FEET AND INDICATED DEPTHS BELOW MLLW.
ELEVATIONS ARE SHOWN THUS: +2, INDICATING HEIGHT IN FEET ABOVE MLLW.

LONGITUDE/LATITUDE IS REFERENCED TO NAD83 (HARN) 1993.

THIS CHART IS NOT INTENDED FOR NAVIGATION.

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

THE PROJECT CONSISTS OF AN ENTRANCE CHANNEL 1,000 FEET LONG, 120 FEET WIDE, 14 FEET DEEP; A TURNING BASIN 200 FEET LONG, 150 FEET WIDE, 11 FEET DEEP; AND AN ACCESS CHANNEL 500 FEET LONG, 75 FEET WIDE, 9 FEET DEEP.

LEGEND

NO SOUNDING DATA AVAILABLE

SHOALED AREA

PRIMARY CONTROL POINT
COORDINATED SURVEY POINT
UNCOORDINATED SURVEY POINTS
DREDGING RANGES FRONT
BENCHMARKS
GAGES STAFF
REAR
Recording

AIDS TO NAVIGATION

LIGHTHOUSES
LIGHTS — FIXED, FLASHING, OCCULTING
LIGHTED RANGES — FRONT, REAR
LIGHTED BUOYS
UNLIGHTED BUOYS — STARBOARD, MID CHANNEL, JUNCTION, PORT
DAYBEACONS — PORT, STARBOARD
SEASONAL LIGHTS AND LIGHTED DREDGING RANGES

Projection: UTM Zone 55 North (FEET)
Horizontal Datum: NAD83 (HARN) 1993
Vertical Datum: Local Tidal Datum - MLLW (1983-2001)
Geoid: 2009
Tidal Station: 1630000

BM NAME	LATITUDE	LONGITUDE	MLLW (FT)
BEACH	13° 21'52.39964"N	144° 39'00.82470"E	7.47
HAFA	13° 22'05.17328"N	144° 39'02.81219"E	7.21
GGN 1990	13° 22'18.34989"N	144° 39'07.75336"E	8.14

CUT VOLUME = 6406 cu.yd.

FEDERAL PROJECT LINE COORDINATES		
	NORTHING	EASTING
1	607793.11	291595.32
2	608108.38	292377.96
3	608873.19	292378.24
4	608873.20	292453.24
5	608373.21	292453.05
6	608373.22	292528.05
7	608039.45	292527.93
8	607681.81	291640.11

GRAPHIC SCALE

100 0 100 200 300

SCALE:1"=100'

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

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY:
DRAWN BY: MDS
CHECKED BY:
SUBMITTED BY:
PLOT SCALE: 1:1
PLOT DATE:
DATE: 5/11/2017
REVISION:
SOLICIT./CONTRACT NO.:
LOCATION CODE
DRAWING NUMBER:
SIZE: ANSI D
FILE NAME: Agat_SBH_VH101.dgn

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

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

FY17 HYDROSURVEYS
AGAT SMALL BOAT HARBOR
HYDROGRAPHIC SURVEY
AGAT, GUAM

SITE PLAN & SURVEY NOTES

SHEET IDENTIFICATION
VH101
SHEET 1 OF 1

FILE: D:\Projects\FY17 Hydro\Agat\Agat_SBH_VH101.dgn
MODEL NAME: Sheet
DATE & TIME: 6/20/2017 3:01:08 PM
LAST SAVED BY:
PLOTDRIVER: C:\ProgramData\Bentley\MicroStation V8i (SELECTseries)\WorkSpace\System\pltcfg\pdf.pltcfg
PEN TABLE: BW_and_Grayscale_Pen.tbl
PRINTED BY: jbec3cp9