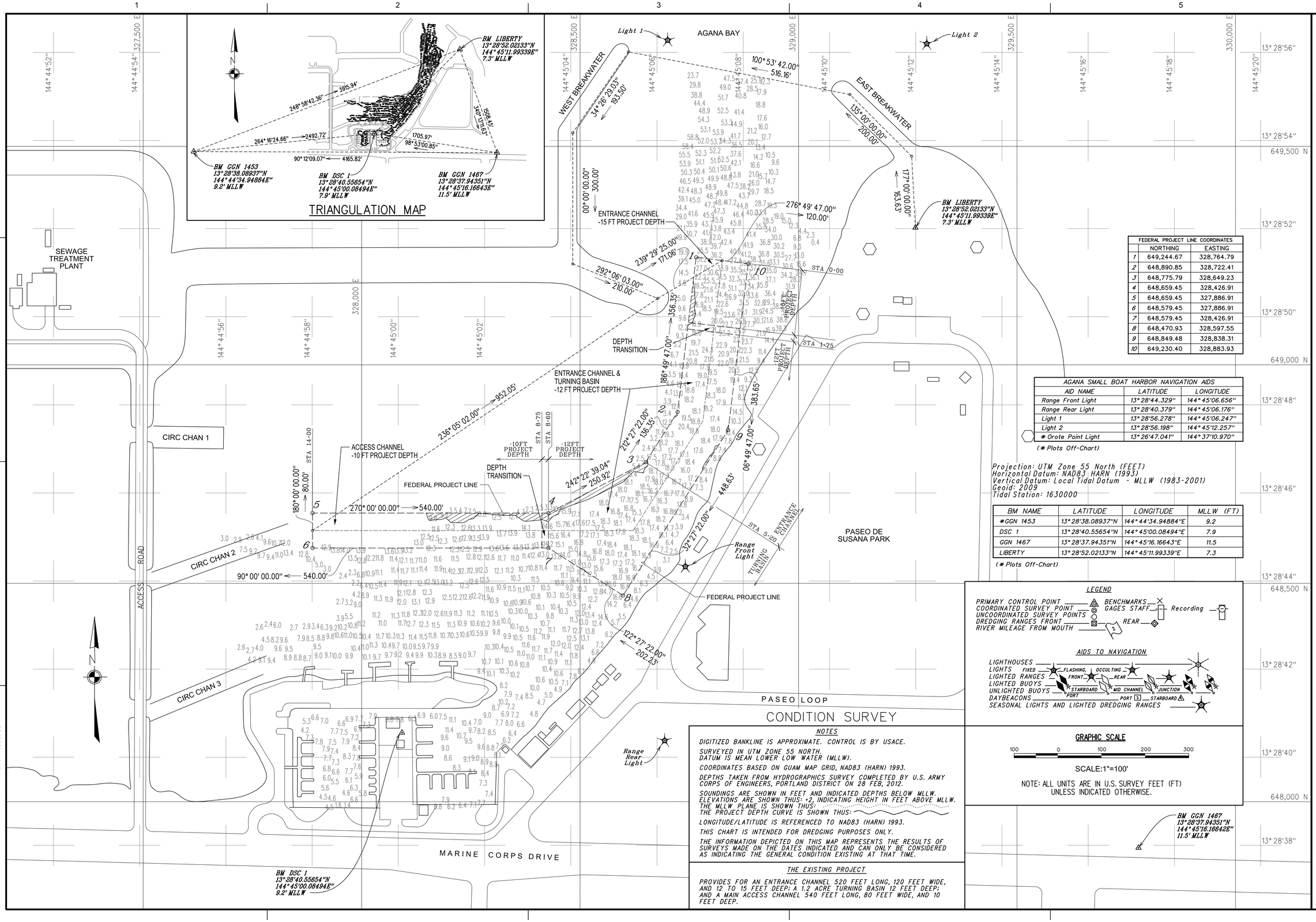

FEDERAL PROJECT LINE COORDINATES		
	NORTHING	EASTING
1	649,244.67	328,764.79
2	648,890.85	328,722.41
3	648,775.79	328,649.23
4	648,659.45	328,426.91
5	648,659.45	327,886.91
6	648,579.45	327,886.91
7	648,579.45	328,426.91
8	648,470.93	328,597.55
9	648,849.48	328,838.31
10	649,230.40	328,883.93

AGANA SMALL BOAT HARBOR NAVIGATION AIDS		
AID NAME	LATITUDE	LONGITUDE
Range Front Light	13° 28'44.329"	144° 45'06.656"
Range Rear Light	13° 28'40.379"	144° 45'06.176"
Light 1	13° 28'56.278"	144° 45'06.247"
Light 2	13° 28'56.198"	144° 45'12.257"
✱ Orote Point Light	13° 26'47.041"	144° 37'10.970"

(✱ Plots Off-Chart)

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)
✱GGN 1453	13° 28'38.08937"N	144° 44'34.94884"E	9.2
DSC 1	13° 28'40.55654"N	144° 45'00.08494"E	7.9
GGN 1467	13° 28'37.94351"N	144° 45'16.16643"E	11.5
LIBERTY	13° 28'52.02133"N	144° 45'11.99339"E	7.3

(✱ Plots Off-Chart)

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

GRAPHIC SCALE

100 0 100 200 300

SCALE:1"=100'

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

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 28 FEB, 2012.

SOUNDINGS ARE SHOWN IN FEET AND INDICATED DEPTHS BELOW MLLW. ELEVATIONS ARE SHOWN THUS: •2, INDICATING HEIGHT IN FEET ABOVE MLLW.
THE MLLW PLANE IS SHOWN THUS:
THE PROJECT DEPTH CURVE IS SHOWN THUS:

LONGITUDE/LATITUDE IS REFERENCED TO NAD83 (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.

THE EXISTING PROJECT

PROVIDES FOR AN ENTRANCE CHANNEL 520 FEET LONG, 120 FEET WIDE, AND 12 TO 15 FEET DEEP; A 1.2 ACRE TURNING BASIN 12 FEET DEEP; AND A MAIN ACCESS CHANNEL 540 FEET LONG, 80 FEET WIDE, AND 10 FEET DEEP.

US Army Corps of Engineers®
Honolulu District

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

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

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

DESIGNED BY: P. TOM
DATE: JUL 20, 2012
REVISION:
DRAWN BY: G. TOYAMA
CHECKED BY: P. TOM
SOLICIT./CONTRACT NO.:
SUBMITTED BY: M. WONG
LOCATION CODE
PLOT SCALE: 1:1
PLOT DATE: 7/20/2012
DRAWING NUMBER:
SIZE: ANSI D
FILE NAME: Agana_SBH_VH101.dgn

FY12 HYDROSURVEYS
AGANA SMALL BOAT HARBOR
HYDROGRAPHIC SURVEY
AGANA, GUAM

SITE PLAN & SURVEY NOTES

SHEET IDENTIFICATION
VH101
SHEET 1 OF 1

FILE: c:\pwwork\poh-1\dms84200\Agana_SBH_VH101.dgn
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DATE & TIME: 7/20/2012 1:58:17 PM
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