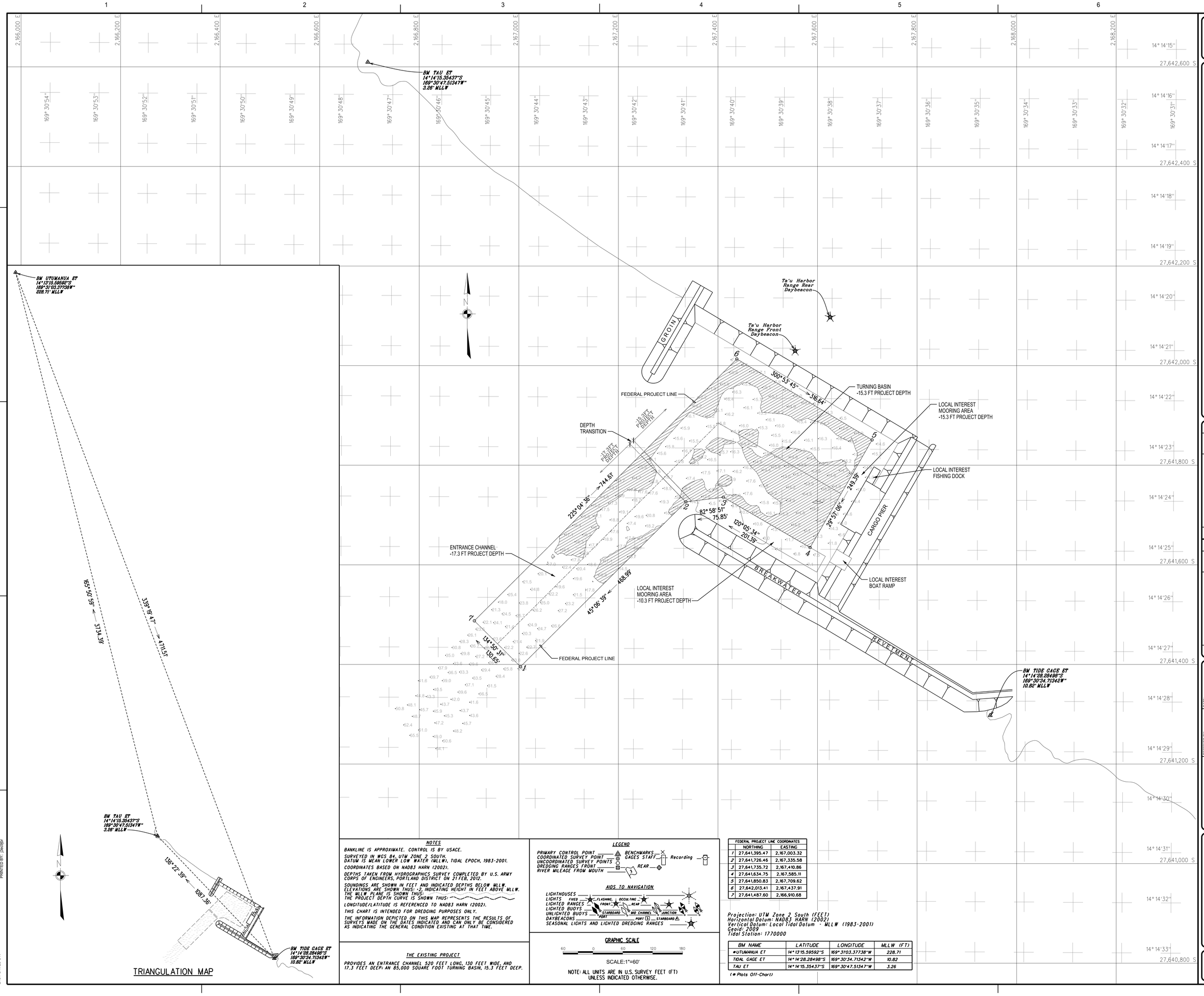


## NOTES

BANKLINE IS APPROXIMATE. CONTROL IS BY USACE.

SURVEYED IN WGS 84, UTM ZONE 2 SOUTH.
DATUM IS MEAN LOWER LOW WATER (MLLW), TIDAL EPOCH, 1983-2001.

COORDINATES BASED ON NAD83 HARN (2002).

DEPTHS TAKEN FROM HYDROGRAPHICS SURVEY COMPLETED BY U.S. ARMY CORPS OF ENGINEERS, PORTLAND DISTRICT ON 21 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 (2002).

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 AN ENTRANCE CHANNEL 520 FEET LONG, 130 FEET WIDE, AND 17.3 FEET DEEP; AN 85,000 SQUARE FOOT TURNING BASIN, 15.3 FEET DEEP.

## LEGEND

PRIMARY CONTROL POINT
COORDINATED SURVEY POINTS
UNCOORDINATED SURVEY POINTS
DREDGING RANGES FRONT
RIVER MILEAGE FROM MOUTH
BENCHMARKS
GAGES STAFF — Recording
REAR
FRONT

## AIDS TO NAVIGATION

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

## GRAPHIC SCALE

60 0 60 120 180

SCALE:1"=60'

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

| FEDERAL PROJECT LINE COORDINATES | | |
|---|---|---|
| | NORTHING | EASTING |
| 1 | 27,641,395.47 | 2,167,003.32 |
| 2 | 27,641,726.46 | 2,167,335.58 |
| 3 | 27,641,735.72 | 2,167,410.86 |
| 4 | 27,641,634.75 | 2,167,585.11 |
| 5 | 27,641,850.83 | 2,167,709.62 |
| 6 | 27,642,013.41 | 2,167,437.91 |
| 7 | 27,641,487.60 | 2,166,910.68 |

Projection: UTM Zone 2 South (FEET)
Horizontal Datum: NAD83 HARN (2002)
Vertical Datum: Local Tidal Datum - MLLW (1983-2001)
Geoid: 2009
Tidal Station: 1770000

| BM NAME | LATITUDE | LONGITUDE | MLLW (FT) |
|---|---|---|---|
| ●UTUMANUA ET | 14° 13'15.59592"S | 169° 31'03.37738"W | 228.71 |
| TIDAL GAGE ET | 14° 14'28.28498"S | 169° 30'34.71342"W | 10.82 |
| TAU ET | 14° 14'15.35437"S | 169° 30'47.51347"W | 3.26 |

(● Plots Off-Chart)

US Army Corps of Engineers
Honolulu District

| NO. | DESCRIPTION | DATE | APPR. | MARK |
|---|---|---|---|---|

DESIGNED BY: P. TOM
DRAWN BY: P. TOM
SUBMITTED BY: M. WONG
DATE: AUG 29, 2012
CHECKED BY: M. WONG
PLOT DATE: 5/14/2013
FILE NAME: Tau_Harbor_VH101_3D
SOLICIT./CONTRACT NO.:
LOCATION CODE:
DRAWING NUMBER:
PLOT SCALE: 1:1
SIZE: E

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

CIVIL WORKS TECHNICAL BRANCH
CEPOH-ECT
PMB 105, BOX 30
FORT SHAFTER, HAWAII

PY12 HYDROSURVEYS
TAU HARBOR
HYDROGRAPHIC SURVEY
TAU, AMERICAN SAMOA

SITE PLAN &
SURVEY NOTES

SHEET IDENTIFICATION
VH101
SHEET 1 OF 1

FILE: per(PDH-APOFFTS,pdh,ds,usace.army.mil|pdh-sp07|fs|Documents11 Other Locations\4- American Samoa\Civil Works\Tau_SBH101-Drawings\Civil\Informational data\Tau_Harbor_VH101_3D
MODEL NAME: Sheet
DATE & TIME: 5/14/2013 8:30:25 AM
LAST SAVED BY:
PLOTTED BY: [PDH-APOFFTS.pdh.ds.usace.army.mil]pdh-sp07\fs\Documents11 Other Locations\4- American Samoa\Civil Works\Tau_SBH101-Drawings\Civil\Informational data\Tau_Harbor_VH101_3D.dwg
PEN TABLE: BW_and_Grayscale_Pen
PRINTED BY: [3ac5]br