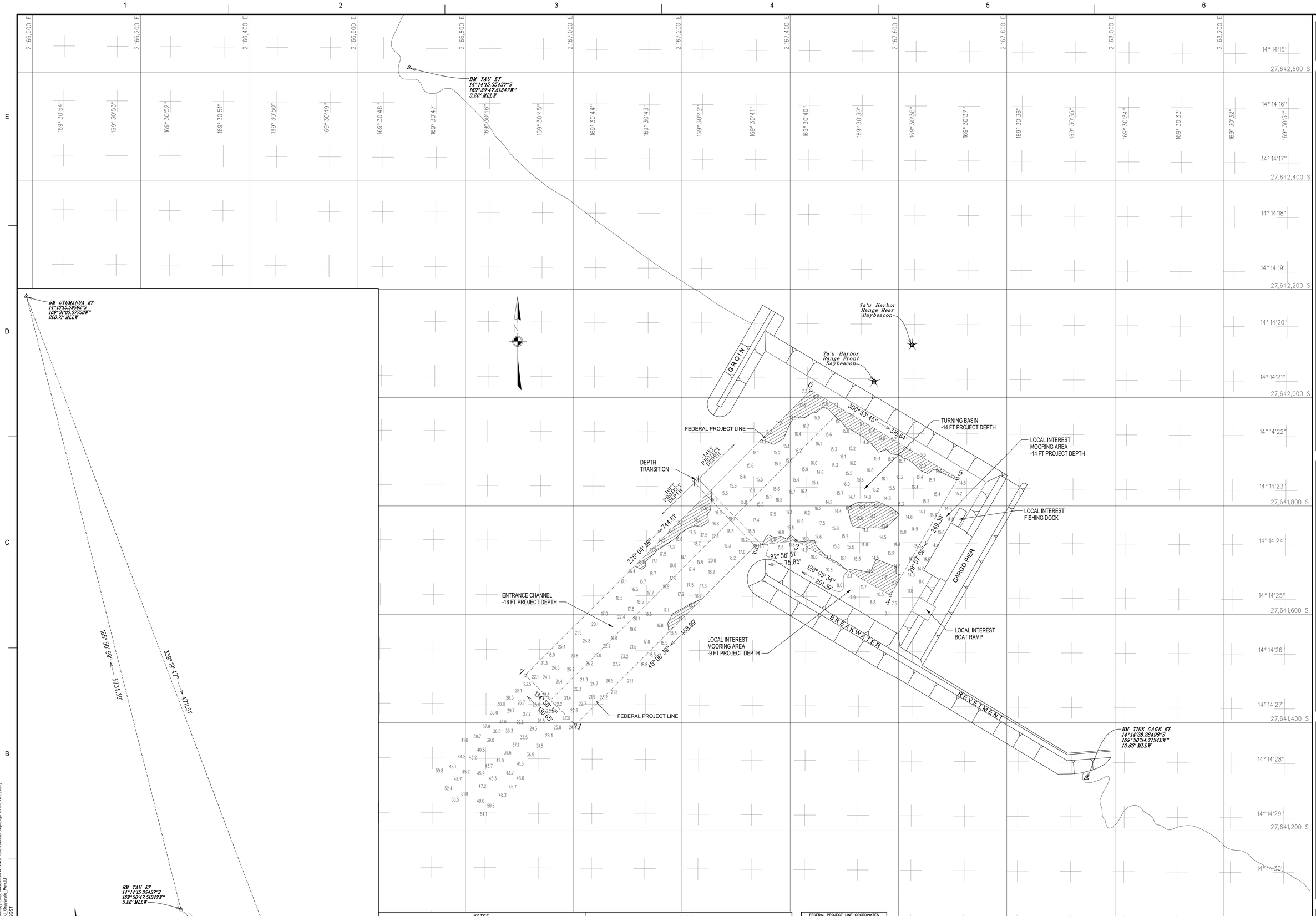

TRIANGULATION MAP

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 16 FEET DEEP; AN 85,000 SQUARE FOOT TURNING BASIN, 14 FEET DEEP.

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

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

MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: P. TOM
DATE: AUG 29, 2012
DRAWN BY: D. SCHWARTZ
CHECKED BY: P. TOM
SOLICIT./ CONTRACT NO.:
SUBMITTED BY: R. WONG
LOCATION CODE
PLOT SCALE: 1:1
PLOT DATE: 8/29/2012
DRAWING NUMBER:
SIZE: ANSI E
FILE NAME: Tau_Harbor_VH101.dgn

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

CIVIL WORKS TECHNICAL BRANCH
DEPOT-CECT
BUILDING 230
FORT SHAFTER, HAWAII

FY12 HYDROSURVEYS
TAU HARBOR
HYDROGRAPHIC SURVEY
TAU, AMERICAN SAMOA

SITE PLAN & SURVEY NOTES

SHEET IDENTIFICATION
VH101
SHEET 1 OF 1

FILE: c:\pwworking\ph-1\dms37059\Tau_Harbor_VH101.dgn
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DATE & TIME: 8/28/2012 9:37:50 AM
LAST SAVED BY:

PLOTDRIVER: hpgh-eetxp2\ouchmisc\MS-HOWSPACE\Standards\plots\PDF-AEC-v3.pltcfg
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