



**Naval Facilities Engineering Systems Command,
Marianas**
PSC 455, Box 195
FPO AP 96540-2937

**MILITARY RELOCATION TO GUAM AND CNMI
PROGRAMMATIC AGREEMENT (PA) MEMO #1**

<p>Project: J-014 Physical Training Complex; J-035 Education Center; J-318 Public Works/Maintenance Shops; J-323 Base Motor Pool</p>	<p>Date: February 2, 2022 Comment Period Open Until: March 20, 2022</p>
<p>Project Location: United States Marine Corps Base Camp Blaz (MCBCB), Finegayan, Guam</p>	<p>Prepared By: NAVFAC Marianas</p>
<p>PROJECT SUMMARY:</p>	
<p>This submittal is for five proposed “vertical” construction projects, including design studies, for Physical Training Complex (J-014); Education Center (J-035); Public Works and Maintenance Shops (J-318); and Base Motor Pool (J-323) at United States Marine Corps (MCBC), Finegayan, Guam (Figure 1). Vertical construction refers to the construction of buildings or structures. In locations with shallow soils, buildings and structures are typically built directly on top of bedrock following horizontal construction, or clear-cutting and leveling the ground to prepare for vertical construction. In areas with deeper soils, stable foundations, such as pilings or footings, must be constructed to support buildings.</p>	
<p>The construction is identified in Appendix E of the 2011 <i>Programmatic Agreement among the Department of Defense, the Advisory Council on Historic Preservation, the Guam State Historic Preservation Officer, and the Commonwealth of the Northern Mariana Islands State Historic Preservation Officer Regarding the Military Relocation to the Islands of Guam and Tinian</i> (2011 PA).</p>	
<p>The subject vertical construction projects are located within the J-001B Utilities and Site Improvements (U&SI) project area. The construction location previously underwent mitigation for the J-001B U&SI “horizontal” project, as stipulated by the 2011 PA. The J-001B U&SI project consists of roads, drainage systems, water, wastewater, electrical, communications, security fencing, as well as earthwork activities such as vegetation clearance, grading, cutting/and filling. During this ongoing work, the Navy is conducting additional archaeological efforts consistent with the 2018 resolution agreement with Guam SHPO. Completion of clearing and grading work, and archaeological investigations will occur prior to vertical construction.</p>	
<p>In accordance with Stipulation IV.E.2.a., this PA Memo presents information to allow the Guam State Historic Preservation Officer (SHPO) to provide comments on the identification and evaluation of historic properties and the finding of effect.</p>	

1 This PA Memo is required by Stipulation IV.E.2.a. of the PA as a means for interested members of the public to provide comments on the identification and evaluation of historic properties. Stipulation IV.E.1.b. of the PA requires the DoD to take into account comments received within 45 days of the date of the delivery of this PA memo to the SHPO and public notification via the CRI website.

PROJECT LOCATION:

All five projects are located within the J-001B U&SI Area of Potential Effects (APE), at MCBCB, Finegayan, Guam. The projects are on a mostly flat, uplifted limestone plateau. The majority of the interior of the island is comprised of Mariana Limestone.

The project area is located within the village or municipality of Dededo. Although the general area is now commonly referred to as Finegayan or North Finegayan, its pre-World War II name was Machanao.

The APE size for each project is listed below. See Figure 1 for APE depiction.

J-014 Physical Training Complex - 10.1 ac/ 4.08 ha

J-035 Education Center - 2.2 ac/ 0.89 ha

J-318 Public Works and Maintenance Shops - 12.5 ac/ 5.05 ha

J-323 Base Motor Pool - 9.6 ac/ 3.88 ha

PROJECT DESCRIPTION:

This submittal is for five proposed “vertical” construction projects. Project design and construction efforts include: grading and temporary erosion and soil control; pavement for roads, parking, driveways, site, and curbs and gutters; landscaping, fencing, concrete for sidewalks and ramps; electrical power, water (fire protection and potable), sewer, and storm water drainage systems; and possible munitions of explosive concern (MEC) removal. These tasks may require geotechnical borings of varying depths, mechanized excavation, placement of survey markers, and other similar activities.

J-014 Physical Training Complex: This project provides a permanent, low rise Physical Training Complex structure with Antiterrorism (AT) features. The project will also construct a separate Operational Trainer Facility and Outdoor Swimming/Training Pool to support the Underwater Egress Trainer (UET) and Physical Readiness program.

Paving and site improvements include asphaltic concrete access road, parking, fencing, double swing 20-foot wide gate, 6-foot wide pedestrian gate, and concrete sidewalks and ramps. Electrical utilities include primary and secondary electrical distribution systems, electrical transformer, provisions for a temporary portable generator/electrical structure, telecommunication distribution systems and site area lighting. Mechanical utilities include water distribution system, sanitary sewer system, fire protection distribution system, storm water drainage system and chilled water distribution system.

J-035 Education Center: The project will construct a two-story education center to provide college and adult learning education and family services to Marine active duty and active-duty family member populations on Guam. This project will provide AT/FP features and comply with AT/FP regulations.

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The site preparation includes probing, grouting, and site earthwork. Paving and site improvements consists of pavement for access roads, parking, driveways, curbs, gutters, sidewalks, ramps, and landscaping. Electrical utilities include primary and secondary distribution, transformer, site area lighting and telecom distribution system. Mechanical utilities include water distribution system, fire protection distribution system, sanitary sewer system, drainage system, chiller plant building and cooling tower enclosure.

J-318 Public Works and Maintenance Shops: The project will construct a multi-use Public Works (PW) building with maintenance shop, maintenance storage warehouse, and administrative offices; an operational hazardous/flammable storage building; and a short-term hazardous waste storage building and associated supporting facilities.

PW maintenance shops/storage area will include sustainment (maintenance/repair) shops, electrical shop, water shop, wastewater shop, environmental services shop, PW maintenance storage warehouse, ready-issue store, shop/storage administrative support offices, loading dock/area, restrooms and locker rooms. PWD Administrative Offices includes a lobby, waiting area, open offices, shared conference room and technical library. This project will provide AT/FP features and comply with AT/FP regulations.

Site preparation includes excavation such as cut and fill work, temporary erosion and sediment control, and site grading. Paving and site improvements consists of providing pavement for vehicular parking lots, road access, and other paved areas (such as concrete paving at loading dock), concrete sidewalks and ramps, curbs and gutters, security fencing, gates, and landscaping with hydroseeding and a retaining wall.

Electrical utilities include critical and conventional electrical distribution, site and interior electrical utilities for the lift stations and generator building, security and street lighting and communication distribution. Mechanical utilities include cooling tower enclosure, fuel tank enclosure, lift stations, fuel tank w/ enclosure for lift station generator, water distribution system (domestic/potable water and fire protection), sanitary sewer system, storm drainage system and fire hydrants.

J-323 Base Motor Pool: The project will construct a low-rise automotive vehicle maintenance shop with AT features. The vehicle maintenance shop will consist of administration areas, restrooms, janitor closet, tool room, vehicle maintenance bays, tire shop, lube storage, battery shop, parts storage, Nursing Mother's room, dispatch room, hazardous materials storage, electrical, telecommunication and mechanical rooms. This project will also construct a vehicle wash platform consisting of four wash bays and a mechanical room.

Site preparation includes probing, grouting and cavity fill for soil stabilization, excavation such as

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cut and fill work, temporary erosion and sediment control, and site grading.

Paving and site improvements include paving for vehicle parking, appropriate on-site maneuvering space for large vehicles to access the maintenance bays and wash platforms, vehicle wash and rinse areas, site access to Road 10, electrical enclosure access to Road 10, sidewalks, security fence and gates, landscaping, and facility signs and landscaping.

Electrical utilities include new lines and meters for primary and secondary electrical distribution, security and street lighting, telecommunication distribution, and transformer and pad enclosures. Mechanical utilities include water distribution system sanitary sewer system, storm drainage, fire hydrants, oil water separators, and mechanical enclosures for heating, ventilation, and air conditioning (HVAC) equipment.

IDENTIFICATION OF HISTORIC PROPERTIES:

The 2011 PA describes the overall efforts taken to identify historic properties in Stipulation IV, including archival research, oral studies, and interviews. Archaeological surveys have been conducted for the vast majority of the project-specific APEs. Enclosure 1 is list of references for identification efforts in and near the APEs. Regulations do not require survey of an entire APE or identification of all historic properties, and 36 CFR Part 800.4(b)(1) states that a reasonable and good faith effort to carry out appropriate identification efforts shall be made. The 2011 PA directs the PA Memo process to allow for members of the public to provide input on the identification and evaluation of historic properties. The input sought by the process is knowledge on specific historic properties not yet identified by previous efforts, and assistance in identifying issues relating to effects of the project on historic properties.

Figure 2 illustrates the scope of survey efforts to identify historic properties. The J-014 APE contains archaeological discovery areas J-001B-004 and J-001B-005 (i.e., Area 4 and Area 5), identified during archaeological monitoring for the J-001B U&SI project. However, investigations have been conducted to execute the agreed upon mitigative work in order to collect data that will characterize these sites prior to the commencement of the subject vertical construction. The discovery areas that are present within the APE will no longer be extant once mitigation is complete (i.e., qualifying characteristics will have been altered and the integrity diminished). Consistent with 36 CFR Part 800.4(d)(1), no historic properties present within the APE denotes a “no historic properties affected” finding. The Guam SHPO is provided additional information on historic properties in Figure 3.

In accordance with Stipulation VI.F. of the PA, the DoD has retained a full-time Archaeologist to provide site checks, oversee coordination and execution of the archaeological mitigation measures in the PA and to provide quality control. This individual is on-staff at Camp Blaz, and is designated to respond to and report any inadvertent discoveries to the Signatories, Invited Signatories, and Concurring Parties per Stipulation XII of the PA. The 2018 resolution agreement also requires the Department of the Navy (DON) to notify the Guam SHPO of any new discoveries

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and evaluate these discoveries to assess effects.

FINDING OF EFFECT:

As aforementioned, mitigation in accordance with the 2011 PA has been completed for the J-001B U&SI project. The Navy's ongoing mitigation consistent with the 2018 resolution agreement will conclude prior to vertical construction. The combined efforts under each agreement address direct and indirect effects to qualifying characteristics of historic properties. The DoD finds that the subject construction will have no historic properties affected because while historic properties have been identified in the APE, the properties will no longer retain integrity and will have had qualifying characteristics altered. Thus, vertical construction will have no effect upon them as defined in § 800.16(i). PA Memo #2 will not be required as there will be no further mitigation.

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Enclosure 1: Identification and evaluation efforts in the vicinity of, and including the APEs in accordance with 36 CFR §800.4(b)(1).

Athens, J.S.

2009 *Archaeological Surveys and Cultural Resources Studies on Guam and the Commonwealth of the Northern Mariana Islands in Support of the Joint Guam Build-Up Environmental Impact Statement Volume I: Guam*. Prepared for Naval Facilities Engineering Command, Pacific Division, Pearl Harbor, Hawaii. International Archaeological Research Institute, Inc. Honolulu, Hawaii.

Church, M., J. Hokanson, J. Gallison, and M. Jennings

2009 *Cultural Resources Survey of 297 Acres at Andersen Air Force Base, Guam*. Prepared for Andersen Air Force Base, Guam. Engineering-Environmental Management, Inc., Englewood, Colorado.

Dixon, Boyd, S. Walker and R. Schaefer

2011 *Cultural Resource Investigations Conducted in the Territory of Guam Supporting the Joint Guam Build-Up Environmental Impact Statement: Final Archaeological Surveys on Guam 2008-2009 at Air Force Barrigada, Proposed Live Fire Training Range, Andersen South, and Naval Base Guam*. Prepared for Naval Facilities Engineering Command, Pacific Division, Pearl Harbor, Hawaii. TEC Inc., Honolulu, Hawaii.

Dixon, B. and S. Walker

2011 *Cultural Resource Investigations Conducted in the Territory of Guam Supporting the Joint Guam Build-Up Environmental Impact Statement: Final Archaeological Surveys on Guam 2009 at Proposed Utility Sites, Harmon Property, and Andersen AFB*. Prepared for Naval Facilities Engineering Command, Pacific Division, Pearl Harbor, Hawaii. TEC Inc., Honolulu, Hawaii.

Dixon, B., T. Rudolph, A. Jalandoni, I. Nelson, M. Hroncich-Conner, S. Leary, R. Schaefer, E. Lash, M. Todd

2015 *Proposed Guam and CNMI Military Relocation 2012 Roadmap Adjustments SEIS Live-Fire Training Range Complex Footprints, Main Cantonment, Utilities, Communications, Well Field Alternatives and Access Route Options Volume I: Potential Direct Impact Area In-Fill Cultural Resources Study Narrative*. Prepared for Naval Facilities Engineering Command Pacific, Pearl Harbor, Hawaii. Cardno TEC, Inc., Honolulu, Hawaii.

Dixon, B., T. McCurdy, R. Shaefer, R. Jones, I. Nelson

2016 *Andersen Air Force Base, Guam, National Historic Preservation Act Section 110 Cultural Resources Identification and Evaluation Studies*. Prepared for Naval Facilities Engineering Command Pacific, Pearl Harbor, Hawaii. Cardno TEC, Inc., Honolulu, Hawaii.

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Dixon, B., D. Welch, T. Rudolph, R. Jones, and I. Nelson

2018 *Final Technical Report: Archaeological Data Recovery in Support of the J-0001B Utilities and Site Improvements at Naval Base, Guam Telecommunications Site, Guam.* Prepared for Naval Facilities Engineering Command, Pacific Division, Pearl Harbor, Hawaii. TEC Inc. and the University of Guam. (GIS data labeled 2017).

Eakin, J., K. Higelmire and D. DeFant

2012 *Archaeological Data Recovery Report Guam Military Relocation MILCON Projects P-100 (North Ramp Utilities) and P-101 (North Ramp Parking), Andersen Air Force Base, Territory of Guam.* Prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific, Pearl Harbor, Hawaii. Southeastern Archaeological Research, Inc. (SEARCH).

Haun, A.E.

1988 *Archaeological Reconnaissance Survey and Field Inspections of Relocatable Over-the-Horizon Radar Sites on Guam, Mariana Islands, Micronesia.* Prepared for Wilson Okimoto and Associates, Inc., Honolulu, Hawaii. Paul H. Rosendahl, PhD, Inc., Hilo, Hawaii.

Highness, D. and A. Haun

1990 *Archaeological Inventory Survey DTS Facility: Barrigada and Finegayan Sites, Dededo and Barrigada Municipalities, Territory of Guam.* Prepared for Belt, Collins, & Associates, Inc., Honolulu, Hawaii. Paul H. Rosendahl, PhD, Inc., Hilo, Hawaii.

Hokanson, Jeffrey H., J. David Kilby, Michael Church and Mary R. McCurdy

2008 *Cultural Resources Survey for a Perimeter Fence and Portions of the Munitions Storage Area, Andersen Air Force Base, Guam.* Prepared for Andersen Air Force Base. Engineering-environmental Management, Inc., Englewood, Colorado.

Kurashina, H., T. McGrath, and H. Manner

1987 *Archaeological Survey of Areas 1, 2, 1-A and 2-A at Northwest Field, Andersen Air Force Base and Naval Communication Area Master Station Western Pacific, Finegayan, Guam, Marianas Islands.* Prepared for Naval Facilities Engineering Command, Pacific, Pearl Harbor, Hawaii. Micronesian Area Research Center, University of Guam, Mangilao, Guam.

Pacheco, T., T. Rieth, and R. DiNapoli

2020 *Archaeological Monitoring in Support of Finegayan Utilities and Site Improvements Phase I, Naval Computer and Telecommunications Station, Guam.* 4 Volumes. Prepared for Department of the Navy, Pacific Division, Naval Facilities Engineering Command, Pearl Harbor, Hawaii. International Archaeological Research Institute, Inc., Honolulu, Hawaii.

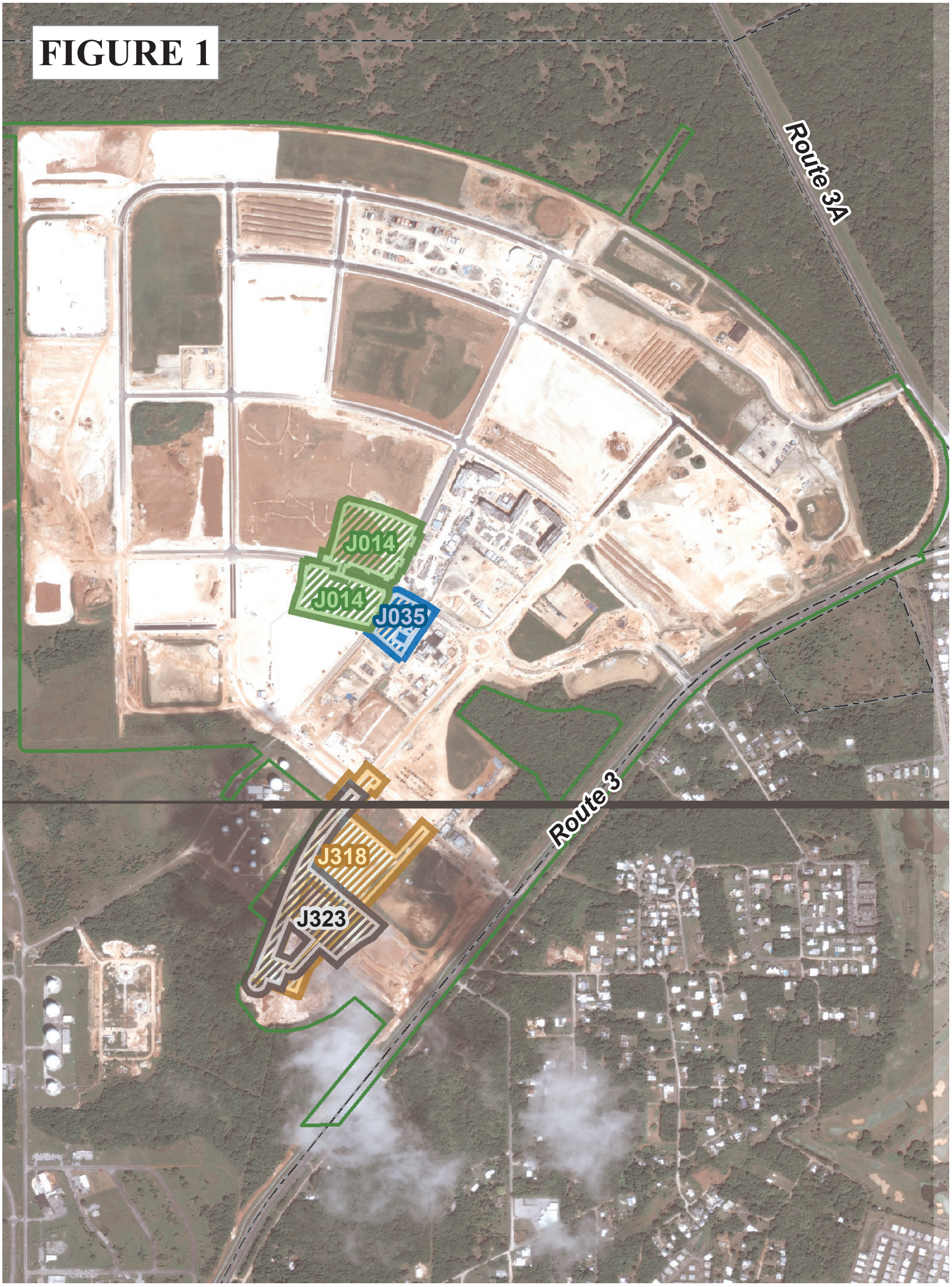
Welch, D.

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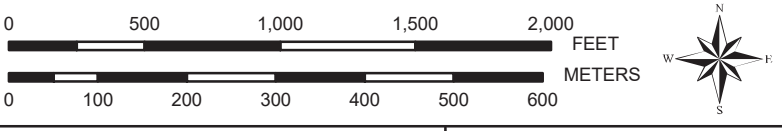
2010 *Archaeological Survey and Cultural Resource Studies Conducted in 2007 on the Island of Guam in Support of the Joint Guam Build-Up Environmental Impact Statement*. 2 volumes. Prepared for Department of the Navy, Pacific Division, Naval Facilities Engineering Command, Pearl Harbor, Hawaii. International Archaeological Research Institute, Inc., Honolulu, Hawaii.

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FIGURE 1



**Camp Blaz - MAMIZU Projects and J-001B APE
Stage 2 - PA Memo - Construction Area**



PREPARED BY:
Naval Facilities Engineering Command Pacific Division
Guam Program Management Office
DATE: 20 Jan 2022





Coordinate System: Geographic
Projection: N/A
Datum: D WGS 1984

Legend

MAMIZU

Project Areas (APE)

-  J014
-  J035
-  J318
-  J323

-  J-001B (U&SI) Construction Footprint
-  Military Installations



MAMIZU APE
J014 - 10.1 ac.
J035 - 2.2 ac.
J318 - 12.5 ac.
J323 - 9.6 ac.

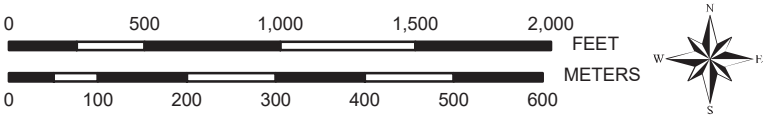
Date: 1/20/2022 Time: 9:52:46 AM Path: C:\Users\laaron.pulliam\OneDrive - US Navy\flankspeed\Documents\GIS Projects\MXDs\Finegayan\EV\PA\Stage 2\20220105\PA MEMO_CampBlaz_MAMIZU_MILCON_Stage2_GHPO - Figure 3 - 20220105.mxd

FIGURE 2



Cultural Survey Areas	
	Pacheco et al. 2020
	Hokanson et al. 2008
	Eakin et al. 2012
	Athens 2009
	Church et al. 2009
	Dixon et al. 2015
	Dixon and Walker 2011
	Dixon et al. 2011
	Dixon et al. 2018
	Haun 1988
	Highness and Haun 1990
	Kurashina et al. 1987
	Welch 2010

Camp Blaz - MAMIZU Projects and J-001B APE Stage 2 - PA Memo - Survey Areas



PREPARED BY:
Naval Facilities Engineering Command Pacific Division
Guam Program Management Office



Coordinate System: UTM Zone 55 North
Projection: Transverse Mercator
Datum: D WGS 1984

Legend

- MAMIZU Project Areas (APE)**
- J014
 - J035
 - J318
 - J323
- J-001B (U&SI)**
- Construction Footprint
 - Military Installations



Date: 1/20/2022 Time: 9:53:50 AM Path: C:\Users\laaron.pulliam\OneDrive - US Navy\flankspeed\Documents\GIS Projects\WXP\PA\Stage 2\20220105\PA MEMO_CampBlaz_MAMIZU_MILCON_Stage2_CulturalSurveys - Figure 2_20220105.mxd

Military Relocation PA Memo Comment Form

2022

If submitting via **e-mail**, scan and send to: criwebcomment@navy.mil

If submitting via **postal mail**, send to:

Attn: CRI Web Comments
Code EV23, NAVFAC Pacific
258 Makalapa Drive, Suite 100
JBPHH, Hawaii 96860-3134

Submitted comments will be posted on the Navy's Cultural Resources Information (CRI) web site. Information presented on the CRI web site is considered public. The sections outlined in **red** are required to be completed in order for a comment to be posted.

Privacy Act Statement

Personal information will only be used to contact you regarding the comments you submit. This information will only be shared with another government agency if your inquiry relates to that agency, or as otherwise required by law. We will not create individual profiles or give your information to any private organization. While you must provide a valid e-mail address or postal address, please **DO NOT** include personally identifying information such as a social security number.

By submitting this comment form, you agree not to include content that is offensive in nature, such as profanity, personal attacks on individuals, and racist or abusive language.

PROJECT: Combined Mamizu Vertical Projects – Stage 2

SUBJECT: PA Memo # 1, J-014 Physical Training Complex; J-035 Education Center; J-318 Public Works/Maintenance Shops; J-323 Base Motor Pool, United States Marine Corps Base Camp Blaz (MCBCB), Finegayan, Guam

Date: _____

Name: _____

CRI User Name (if you don't want your real name to be posted with your comment on the CRI web site):

E-Mail Address: _____

and/or

Postal Mail Address: _____

COMMENTS: _____
