



Naval Facilities Engineering Systems Command,
Pacific
258 Makalapa Drive
Suite 100

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

Project: P-187 Brown Tree Snake Exclusion Barrier South (Design Studies)	Date: October 7, 2021 Comment Period Open Until: November 21, 2021
Project Location: Naval Base Guam Telecommunications Site (NBGTS) Finegayan, Guam (Marine Corps Base Camp Blaz)	Prepared By: NAVFAC Pacific
PROJECT SUMMARY:	
<p>This submittal addresses design studies to support future construction of an exclusion barrier to limit movement of brown tree snakes, rats, cats, and ungulates such as feral pigs and deer. The project includes access pathways and an irrigation pipeline for natural resources outplanting efforts. There will be gates installed for natural resources personnel to enter for monitoring and propagation of desired species.</p> <p>The project is being consulted on in accordance with 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). The PA may be found on the Cultural Resources Information website: https://www.navfac.navy.mil/navfac_worldwide/pacific/about_us/cultural_resources/guam-and-cnmi-programmatic-agreement.html.</p> <p>In accordance with the 2011 PA, this document presents information to allow the Guam State Historic Preservation Officer (SHPO) and the public to provide comments on the identification and evaluation of historic properties and the finding of effect. The term “historic properties” is defined by the National Historic Preservation Act and its implementing regulations as: any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register of Historic Places maintained by the Secretary of the Interior. Additionally, the term “effects” relates to National Register eligibility criteria, specifically on alterations to the characteristics of a historic property qualifying it for inclusion in or eligibility for the National Register. It is important to understand what eligibility criterion/criteria applies to each historic property in order to assess the effect a project may have on it.</p>	
PROJECT LOCATION:	
<p>The project is located at NBGTS in Finegayan, Guam. The project is situated on a mostly flat, uplifted limestone plateau. The majority of the interior of the island where this project is located is comprised of Mariana Limestone.</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.

The Area of Potential Effects (APE) is a regulatory term in 36 Code of Federal regulations (CFR) Part 800.16 that refers to the geographic area or areas within which an undertaking may directly or indirectly cause alterations in the character or use of historic properties (see “effects” definition in previous section), if any such properties exist. The design studies for P-187 will occur within the 30 acre (12.14 hectares) geographic area designated as the APE for the project (Figure 1).

PROJECT DESCRIPTION:

As part of the relocation of Marine Corps forces from Japan to Guam, natural resources conservation mitigation include measures that contribute to the recovery of threatened and endangered species. As part of these measures, the Department of Defense (DoD) is establishing a forest enhancement area that requires a multi-species barrier to keep out brown tree snakes and other non-native species, including ungulates, out of the area where forest enhancement activities will be occurring.

Project design field investigations for the exclusion barrier require geotechnical field investigations, which may include hand and mechanized vegetation clearing for an access path and work space creation (approximately 20 x 20 feet grubbed space), drilling and sampling, testing and evaluation. The geotechnical field investigation generally entails drilling exploratory borings with a truck-mounted drill rig using 8-inch diameter augers or pipe casing with water or air rotary drilling methods. Exploratory boring depths will vary, but range from 13 –115 feet (4 – 35 meters). The samples are collected for laboratory analysis. Exact locations for the boreholes are flexible, and may be adjusted based on environmental constraints like natural and cultural resources.

Archaeological monitoring will be conducted during clearing of the 6 to 10 feet wide access paths, or if mechanized equipment is used to clear vegetation or perform other ground disturbing activities. The archaeological monitoring will be accomplished by an experienced Archaeological Field Technician or an Archaeological Technician Intern who has completed Guam Preservation Trust’s archaeology fieldwork technician certification or equivalent and has completed 300 hours of supplemental training. The supplemental training must be supervised fieldwork consisting of 120 hours of stratigraphic excavation (data recovery or test units), 80 hours of surveying (surface recording and shovel test pits), 60 hours of monitoring, and 40 hours of clerical technical data processing (archaeological documentation and records). The Intern must be accompanied on-site by an experienced Archaeological Field Technician prior to completion of supplemental training and will be remotely supervised by an SOI-qualified archaeologist in the same manner as other ongoing monitoring efforts.

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 survey has been conducted for the vast majority of the P-187 project-specific APE. Enclosure 1 is list of references for identification efforts in and near the APE. 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

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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 P-187 exclusion barrier alignment and APE do not contain any identified historic properties; however, historic properties are extant in surrounding areas. Consistent with 36 CFR Part 800.4(d)(1), no historic properties present within the APE denotes a “no historic properties affected” finding. Nonetheless, in recognizing that the PA Memo process requests input on historic properties and effects, explanation on surrounding properties is useful. Federal confidentiality requirements prohibit public disclosure of the exact nature and location of properties, but generalized descriptions are provided below for greater landscape context. The Guam SHPO is provided additional information on historic properties.

Four sites are ceramic sherd artifact scatters located in the surrounding area and date to the Latte Period. Each of the scatters qualify for listing in the National Register of Historic Places because they retain integrity and are likely to yield information important to prehistory.

One site is comprised of World War II artifacts atop a cliff overlooking the beach. The site formerly contained human remains that were turned over to the Guam SHPO. The site qualifies for listing in the National Register of Historic Places because it retains integrity and is likely to yield information important to history.

There is also one multi-component site comprising of an artifact scatter (ceramic sherds) ascribed to the Latte Period and a concrete pad from the Post-World War II/Second American Territorial Period. The site qualifies for listing in the National Register of Historic Places because it retains integrity and is likely to yield information important to history or prehistory.

FINDING OF EFFECT:

The results of the DoD’s identification efforts indicate that there are historic properties in the vicinity, but not within the APE. Thus, consistent with 36 CFR Part 800.4(d)(1), the project warrants a “no historic properties affected” finding. Precautionary monitoring procedures shall follow procedures of an existing, approved work plan provided by the Government. In the event that historic properties or archaeological materials are identified during the course of the project, the DON will follow the procedures outlined in Stipulation XI of the 2011 PA. If comments received during the PA Memo process results in new information regarding historic properties, consultation will continue pursuant to the 2011 PA.

3 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.

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

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.

Olmo, R., T. Mangieri, D. Welch, and T. Dye

2000 *Phase II Archaeological Survey and Detailed Recording at Commander, U.S. Naval Forces Marianas (COMNAVMARIANAS), Communications Annex (Formerly Naval Computer and Telecommunications Area Master Station, Western Pacific [NCTAMS WESTPAC]), Territory of Guam, Mariana Islands.* Prepared for the Naval Facilities Engineering Command, Pacific, Pearl Harbor, Hawai'i by the International Archaeological Research Institute, Inc., Honolulu, Hawai'i. May.

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.

Reinman, Fred

1977 *An Archaeological Survey and Preliminary Test Excavations on the Island of Guam, Mariana Islands, 1965-1966.* Miscellaneous Publications No.1. Micronesian Area Research Center, University of Guam, Mangilao, Guam.

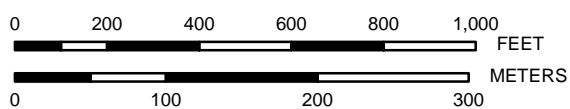
Welch, D.

2010 *Archaeological Survey and Cultural Resource Studies Conducted in 2007 on the Island of Guam in Support of the Join 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.

FIGURE 1



**Camp Blaz - P-187 - BTS Exclusion Barrier South
PA Memo - Design Area**



PREPARED BY:
Naval Facilities Engineering Command Pacific Division
Guam Program Management Office
DATE: 16 Sep 2021



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

Legend

- P-187 (BTS Exclusion Barrier South)
- Military Installations

Total APE Area: P-187 = 29.4 Acres



Date: 9/16/2021 Time: 3:40:19 PM Path: C:\Users\laaron.pulliam\OneDrive\OneDrive\Documents\GIS Projects\MXDs\Finegayan\EVPA\187\PA_Memo_Camp Blaz_P187_BTS Barrier_P187_PA_Memo - Figure 3.mxd

Reinman 1977

FIGURE 2

Welch 2010

Highness and Haun 1990

Welch 2010

Olmo et al. 2000

P-187

Pacheco et al. 2020

Welch 2010

Haputo Lookout Rd

Haputo Rd

Haputo Rd

Dennis

Ziegemier

Horita

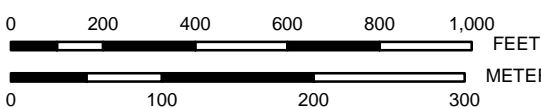
Hooper

Todd

Bullard Ave

Date: 9/16/2021 Time: 3:46:18 PM Path: C:\Users\laron.pulliam\OneDrive\OneDrive\Department of the Navy\Documents\GIS Projects\MXDs\Finegayan\EVPA\PA-P187\PA_Memo_CampBlaz_P187_BTS_Barrier_CulturalSurveys - Figure 2.mxd

Camp Blaz - P-187 - BTS Exclusion Barrier South PA Memo - Survey Areas



PREPARED BY:
Naval Facilities Engineering Command Pacific Division
Guam Program Management Office
DATE: 16 Sep 2021



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

Legend

- P-187 (BTS Exclusion Barrier South)
- Military Installations

Cultural Survey Areas

- Pacheco et al. 2020
- Highness and Haun 1990
- Olmo et al. 2000
- Reinman 1977
- Welch 2010



Military Relocation PA Memo Comment Form

2021

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 highlighted 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: P-187 (Brown Tree Snake Exclusion Barrier South), Naval Base Guam Telecommunications Site, Finegayan, Guam.

SUBJECT: PA Memo#1

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: _____
