



**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

Project: P-104 Water Wells Construction	Date: July 23, 2026 Comment Period Open Until: September 6, 2026
Project Location: Andersen Air Force Base (AAFB), Guam	Prepared By: NAVFAC Pacific
PROJECT SUMMARY:	
This PA Memo supports the proposed construction of a water well system including water supply wells, vertical turbine well pumps and electrical buildings at AAFB, Guam. This project is part of the operational, base support, training and quality of life requirements, and facilities and infrastructure needs for the base and completes the well construction that was planned under P-103. This project was identified after preparation of the Final Environmental Impact Study (FEIS) for the military relocation to Guam and the Commonwealth of the Northern Mariana Islands (CNMI) and Appendix E under various projects of the 2011 Programmatic Agreement (PA) 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 Relocation to the Islands of Guam and Tinian. In accordance with Stipulation IV.E.2.a., this PA Memo 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 effects.	
PROJECT LOCATION:	
P-104 is located at AAFB, Guam. (Figure 1). The Area of Potential Effects (APE), aligns with the P-103 Water Wells project area. The project area is on the limestone plateau above the western cliffs of northern Guam. The majority of the interior of the island is composed of Mariana Limestone, and the southern part of the island is underlain mostly by volcanic rock. The proposed well field site at AAFB is located near Potts Junction and Route 9 on the west side of the Munitions Storage Area (MSA) as shown in Figure 1. A buffer zone is included in planning to allow the contractors to avoid historic properties and threatened and endangered species. The total APE for P-104 is 17.7 hectares (43.8 acres).	

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 2011 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 DESCRIPTION:

Construction of the water well system consists of raw water transmission lines, water treatment, water storage, water transfer pump facility, a power and communications system, and treated water transmission lines. Activities include site preparation, paving and construction site improvements, electrical and mechanical utilities, and removal of Munitions and Explosives of Concern (MEC).

Site preparation consists of vegetation clearing and grubbing across the construction area. Paving and construction site improvements would create access roadway and landscaping. Electrical utilities include primary and secondary distribution systems, transformers, area lighting and telecommunication distribution system infrastructure. Mechanical utilities include water distribution and water storage. Removal of MEC involves metal anomaly detection and investigation requiring hand excavation by qualified unexploded ordnance consultants.

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. The APE was archaeologically investigated for prior projects, P-103. Enclosure 1 is list of references for identification efforts in and near the APE. A reasonable and good faith effort to carry out appropriate identification efforts consistent with 36 CFR Part 800.4(b)(1) has been performed. 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, including knowledge on specific historic properties not yet identified by previous efforts, and assistance in identifying issues relating to effects on historic properties.

Figure 2 illustrates the scope of survey efforts. Archaeological studies identified the presence of historic properties in the project area. Subsequently, the 2018 resolution agreement between the Navy and Guam SHPO implemented monitoring and archaeological investigation for post-review discoveries identified during P-103 as well as J-001B activities. The historic properties underwent mitigation in accordance with the 2011 PA.

Results of the above identification efforts indicate there is one archaeological site eligible for listing in the National Register of Historic Places (NRHP) under Criterion D on the west edge of the APE. The site underwent data recovery mitigation for the J-001B project. Site 1 was a U.S. Seabee encampment occupied after WWII between 1947 and 1954 during the beginning of the Post-WWII/ Second American Territorial Period. The presence of a Pre-WWII brick oven and nearby scatter of surface artifacts with a few coconut trees indicate this area was a *lancho* during the First American Territorial Period. A smaller surface scatter of Japanese beer and sake bottles west of the collapsed oven was likely deposited during the Japanese Military Occupation Period or WWII battle in 1944. The site also contained a minor amount of Latte Period ceramic sherds in disturbed contexts. The APE overlaps the site, but no extant components are within it.

Three other historic properties are just outside of the APE in the south. Site 2 is a Post-WWII/Second American Territorial artifact scatter. Site 3 is a Second American Administration artifact scatter. Site 4 is a Japanese Administration to Second American Administration artifact scatter. Each are eligible for listing in the NRHP under Criterion D.

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 water wells were designed specifically to avoid historic properties, and there are no historic property components within the APE.

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. The 2018 Resolution Agreement also requires the Department of the Navy (DON) to notify the Guam SHPO of any new discoveries and evaluate them to assess effects.

FINDING OF EFFECTS:

The DON proposes a finding of no adverse effect on historic properties.

Due to the integration of the P-104 APE into the P-103 APE, the monitoring requirements established by the 2018 agreement remain in effect and apply to initial ground-disturbing activities. Consistent with the agreement, the event of a post review discovery will follow the procedures outlined in Stipulation XI of the 2011 PA. Monitoring will employ the P-103 Archaeological Monitoring and Data Recovery Plan to ensure consistent application of the established procedures. If comments received during the PA Memo process result in new information regarding historic properties, consultation will continue pursuant to the 2011 PA. Otherwise, PA memo #2 will not be required.

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 2011 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

Aaron, D., D. Hart, and S. Baker.

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Athens, J.S.

2009 *Final 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 by International Archaeological Research Institute, Inc. Honolulu, HI.

Church, M.K., J.H. Hokanson, J.D. Gallison, and M.H. Jennings

2009 *Cultural Resources Survey of 297 Acres at Andersen Air Force Base, Guam, Contract Number F41924-03-D-8599, Task Order 0031*. Prepared for David T. Lotz, Environmental Flight, Andersen Air Force Base, Guam. e2M Engineering Environmental Management, Inc., Englewood, Colorado.

DeFant, D. and R. Guerrero

2011 *Archaeological Survey of Seven Parcels within the Munitions Storage Area, Andersen Air Force Base, Island of Guam*. Prepared by PHRI, Hilo, HI.

Dixon, B. and S. Walker

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Dixon, Boyd, S. Walker and R. Schaefer

2011 *Final Report Cultural Resource Investigations Conducted in the Territory of Guam Supporting the Joint Guam Build-Up Environmental Impact Statement: Final Archaeological Surveys on Guam 2010 on Andersen AFB*. Prepared by the Naval Facilities Engineering Command, Pacific Division, by TEC Inc.

Dixon, B., T. Rudolph, A. Jalandoni, I. Nelson, M. Hroncich-Conner, S. Leary, R. Schaefer, E. Lash, M. Todd
2014a *Draft Proposed Guam and CNMI Military Relocation 2012 Roadmap Adjustments SEIS Live-Fire Training Range Complex Footprint and Main Cantonment Alternatives and Access Route Options In-Fill Cultural Resource Studies*. Prepared for the Naval Facilities Engineering Command, Pacific Division. Prepared by Cardno TEC, Inc., Honolulu, HI.

Dixon B.

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Hunter-Anderson, R. and D. Moore

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2004 Historic Building and Associated Landscape/Viewsheds Inventory and Evaluation for Andersen Air Force Base, Guam, 2004 Update. Prepared for Andersen Air Force Base, Guam, by Mason Architects, Inc., Honolulu.

Mohlman, Geoffrey

2015 *Final Report Historic Inventory Survey Andersen Air Force Base, Territory of Guam*.

Prepared for NAVFAC Marianas by Southeastern Archaeological Research, Inc.

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.

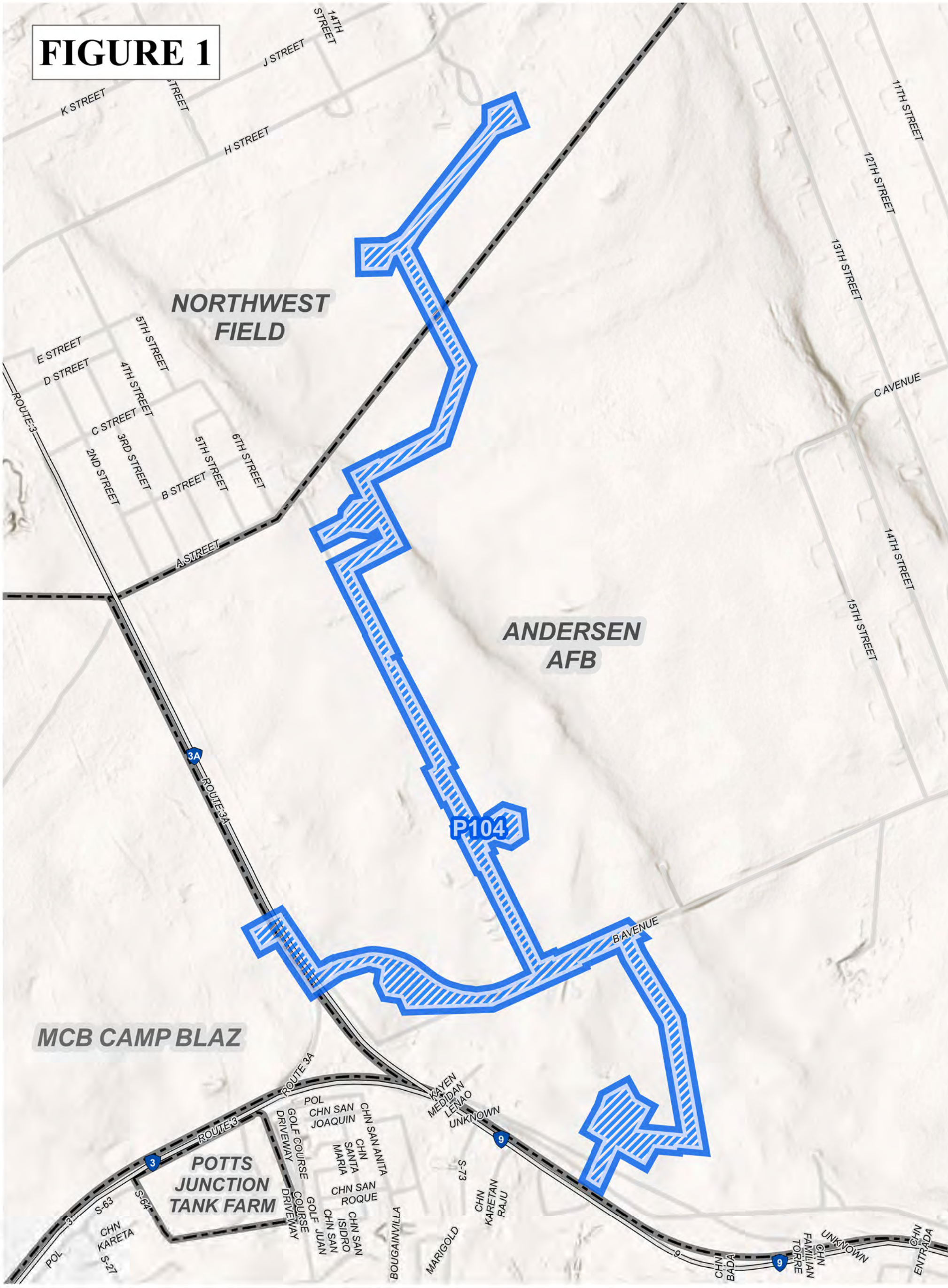
Welch, David J.

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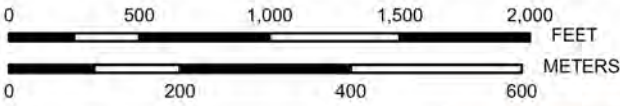
Yee et al 2004 Yee, S., D. Welch, and J. Allen

2004 *Archaeological Overview Survey Report for Andersen Air Force Base, Guam*. Prepared for 36 CES/CEVN, AAFB, Guam and Earth Tech, Inc., Honolulu, HI. Prepared by International Archaeological Research Institute, Inc. Honolulu, HI.

FIGURE 1



Andersen AFB - P-104, Water Well Field
- PA Memo - Construction Area



PREPARED BY:
Naval Facilities Engineering Command Pacific Division
Guam Program Management Office
DATE: March 05, 2026



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

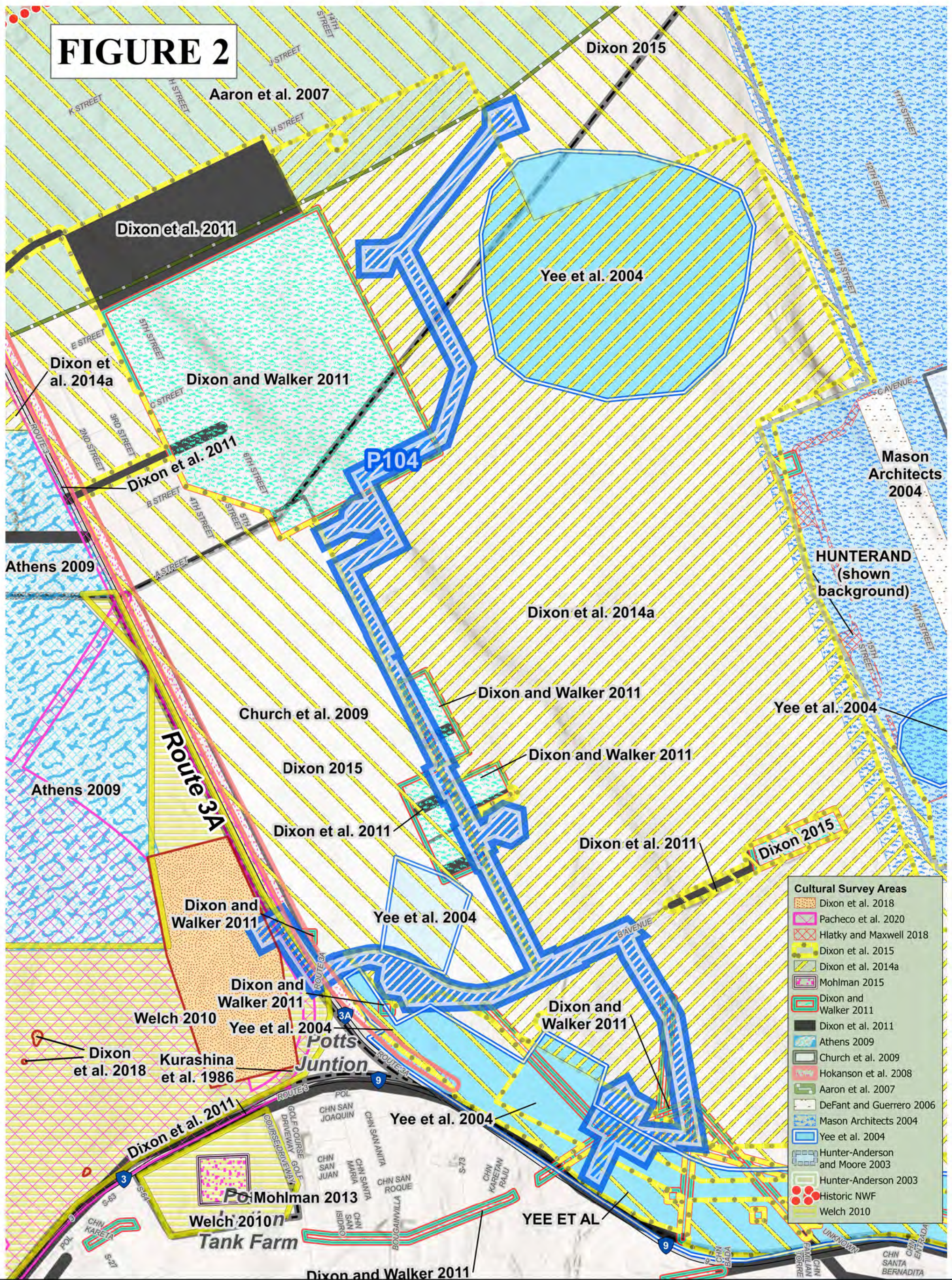
Legend

- P-104 - Water Well Field - APE
- Military Installations
- Guam Hwys.
- Road Centerline (JRM 6-11)

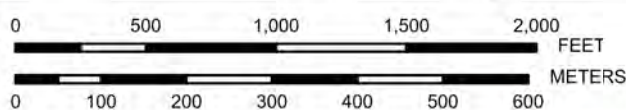


MILCON APE
P-104 - 43.8 ac.

FIGURE 2



**Andersen AFB - P-104, Water Well Field
- PA Memo - Survey Areas**



PREPARED BY:
Naval Facilities Engineering Command Pacific Division
Guam Program Management Office
DATE: March 05, 2026



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

Legend

-  P-104 - Water
Well Field - APE
-  Military Installations



Military Relocation PA Memo Comment Form

2026

If submitting via **e-mail**, scan and send to: NFM-CRIWebComments@us.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-104 Water Wells Construction

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: _____

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