



## **Military Relocation Programmatic Agreement Semi-Annual Report for the Period January 1, 2021 – June 30, 2021**



**Prepared by Marine Corps Base Camp Blaz**

**July 2022**

## Introduction to the Semi-Annual Report

Stipulation XII.A of the March 2011 *Programmatic Agreement for Military Relocation to Guam and the Commonwealth of the Northern Mariana Islands* (hereinafter "PA") provides that in December and June of each calendar year (CY) after the PA is executed, or on an alternate schedule agreed to by the Signatories and Concurring Parties should projects be delayed, the Department of Defense (DoD) shall prepare a report itemizing the review activities carried out pursuant to the PA. These reports shall be provided to the Signatories and Invited Signatories and to the Concurring Parties upon their request. As required by Stipulation XII.A, this report is presented in eight sections:

- Section I. List all individual projects (as identified in Stipulation V.A) completed within the six-month reporting period that were determined to qualify for findings of No Historic Properties Affected or No Adverse Effect on Historic Properties. This list shall include the date of approval by the Cultural Resource Manager (CRM) and description of the project scope.
- Section II: List all individual projects (as identified in Stipulation V.A.) completed within the six months for which supplemental consultation under this PA has been conducted, including the determination of effect and any mitigation measures identified.
- Section III. Additional coordination under this PA initiated (Stipulations I.A and I.E) within the past six months as a result of changes or additions to the Undertaking. DoD shall provide a summary showing the project name, date of adverse effect notification and status of consultation.
- Section IV. Summary of progress on the implementation of mitigation measures specified in Stipulations VI, VII and VIII.
- Section V. List projects to be completed in the next reporting period, including the determination of effect and any mitigation measures required.  
Note: Projects listed in Section V are anticipated during the next reporting period; however, timing may vary due to scheduling decisions.
- Section VI. Include maps showing the project areas and DoD project numbers, as well as any portions of the APE where sensitivity designations have been changed as a result of further identification and evaluation efforts.
- Section VII. Results of all dispute resolution efforts under Stipulation XIII
- Section VIII. Provide summary data about public access from the Public Access Plan.

**Section I. List all individual projects (as identified in Stipulation V.A) completed within the six-month reporting period that were determined to qualify for findings of No Historic Properties Affected or No Adverse Effect on Historic Properties. This list shall include the date of approval by the Cultural Resource Manager (CRM) and description of the project scope.**

<b>J-609 Embarkation at Apra Design (RC# 2020-0686)</b>
<p>This project will construct a facility to be used for embarkation and debarkation by the Third Marine Expeditionary Force (III MEF) on ships at Naval Base Guam in Apra Harbor. The Embarkation Facility consists of wash and inspection areas, bio-secure holding area, wash water recycling and storm water retention and infiltration basin. The facility includes an Embarkation Operations Building for controlling the processing and flow of vehicles and trailers, Gate/Sentry House for cargo check-in, and a United States Department of Agriculture (USDA) Inspection Building. The buildings are proposed to be constructed of reinforced concrete masonry unit construction on pile or mat foundations. The project will include all necessary site improvements and support facilities to meet the mission of a III MEF Vehicle/Trailer Wash and Inspection Area.</p> <p>6/11/2020: PA Memo was submitted with comment period ending August 12, 2020. DON determination for this project is <b><u>No Historic Properties Affected</u></b>.</p> <ul style="list-style-type: none"> <li>• No SHPO comments were received on this PA Memo.</li> </ul>

<b>P-311, P-312, P-317, and P-804 Multiple Vertical Projects (RC# 2020-0837)</b>
<p><i>P-311 Central Fuel Station:</i> This project will construct vehicle and equipment ready fuel storage facilities, including a multi-outlet fuel filling station, fuel truck filling station and fuel storage facility at Marine Corps Base (MCB) Guam. The architectural design of buildings and structures will be low maintenance, and provide durability to both Guam’s climate and the anticipated use of the facility. All buildings and structures will be constructed with reinforced concrete.</p> <p><i>P-312 Distribution Warehouse:</i> This project will construct a single-story low bay distribution warehouse. The warehouse would support the Supply, Food Service, and Medical Logistics (MEDLOG) detachments. Structural framing required consists of reinforced concrete with shallow foundations bearing on earth and soil supported slab-on-grade floors.</p> <p><i>P-317 Consolidated EOD Compound:</i> This project will construct a low-rise Marine Corps EOD facility to support the installation and USMC EOD operations. The building construction includes reinforced concrete floor slabs, roofs, walls, and shallow foundations.</p> <p><i>P-804 Central Issue Facility:</i> Project would construct a low rise Central Issue Facility (CIF) with Individual Issue Facility (IIF) and Unit Issue Facility (UIF) storage and processing areas, and a</p>

Chemical Biological Radiological Nuclear Equipment (CBRNE) storage area at MCB Guam (Finegayan). The facility consists of reinforced concrete with all components such as, exterior walls, flooring, foundation, windows, roofing, mechanical, electrical, fire sprinklers and fire alarm/mass notification system and informational systems appropriate to Guam earthquake and environmental conditions, and designed to meet applicable Unified Facility Criteria (UFC).

- 3/02/2021: PA Memo #1 submitted with comment period ending in April 16, 2021. DON determination for this project is **No Historic Properties Affected** since no historic properties are extant in the APE and have already been mitigated as part of the J-001B U&SI project.
  - No SHPO comments were received on this PA Memo.

**J-011 Base Administration and Communications Building and J-025 Medical Dental Clinic (RC# 2021-0479)**

*J-011 Base Administration and Communications Building:* This multi-story concrete facility will support administration functions including the Command Element, safety, environmental, family services, telephone exchange, visual information, Marine Corps Community Services (MCCS); an emergency operations center; family services and behavioral health; legal services; range operations; and a post office.

*J-025 Medical Dental Clinic:* this multi-story concrete facility will support medical administration, Marine Centered Medical Homeport (MCMH) administration, primary care/family practice, an optometry clinic, a behavioral health clinic, preventive medicine, a pharmacy, a laboratory, radiology, physical therapy, a dental clinic, and logistics (with emergency management supplies storage).

- 2/17/2021: PA Memo #1 submitted with comment period ending in April 20, 2021. DON determination for this project is **No Historic Properties Affected** since no historic properties are extant in the APE and have already been mitigated as part of the J-001B U&SI project.
- 4/16/2021: Guam SHPO concurs with DON determination.

**P-715 Surface Danger Zone (SDZ) Lighting and Signs (RC# 2021-10751)**

This project will construct lights, signage, and flagpoles for range SDZs associated with the Live Fire Training Range Complex (LFTRC).

- Design review submitted to SHPO March 5, 2021, with comment period ending in May 27, 2021.
  - No comments were received on this Design Review.

**P-280 Aviation Administration Building (RC# 2021-0622)**

This project will construct an aviation administration building to provide command and administrative space that will support an assigned 1st Marine Aircraft Wing (1<sup>st</sup> MAW) aviation combat element, transient deployed aviation units and other Marine Air-Ground Task Force (MAGTF) elements assigned to Guam.

- 3/30/2021: PA Memo #1 submitted with comment period ending in May 14, 2021.
  - 4/26/2021: Guam SHPO concurs with DON determination of **No Historic Properties Affected**.

#### **MILCON Multiple Vertical Projects (RC# 2021-0850)**

This project will construct eight proposed “vertical” construction, including design studies for Marine 4<sup>th</sup> Regiment Facilities (P-305), Combat Logistics Battalion – 4 Facilities (P-306), Consolidated Armory Facility (P-307), Infantry Battalion Company Headquarters (P-310), Marine Expeditionary Brigade (MEB) Enablers Facility (P-314), Primary End Item Warehouse (P-326), General Support Base Warehouse (P-802), and Individual Combat Skill Training Area (P-803) at United States Marine Corps (USMC) at NBGTS Finegayan.

- 6/8/2021: PA Memo #1 submitted with comment period ending in July 22, 2021
  - 7/1/2021: Guam SHPO stated that they could not concur with the determination of No Historic Properties Affected and provided comments regarding jargon-heavy language, transparency, and public comprehension, as well as recommendations to move the archaeological inventory listing to a different section of the memo, to direct the reader to applicable sections of semi-annual report, to describe how the DON mitigates adverse effects, and to include a table/matrix with the end of field work date provided to the SHPO and date of SHPO concurrence of each mitigation within the subject APE.
  - 9/10/2021: The DON responded to SHPO’s recommendations stating that: the DON will increase efforts to use plain, jargon-free language in addition to creating a glossary for the public to access (now available on the Cultural Resources Information website); establish a procedure focused on documentation standards and PA memos will incorporate the use of the checklist; information regarding all of the activities, discoveries, and mitigations is provided and updated regularly in the Semi-Annual report; adequate information is accessible by the SHPO, the SHPO Liaison is responsible for the upkeep of the timeline tracker (table/matrix) and should be included in the administrative receipt and transmittal of documents associated with the 2018 resolution, and an additional table or matrix would be a duplicative effort and we instead suggest closer communications amongst staff in addition to the timeline tracker
  - 9/16/2021: SHPO replied to DON’s response indicating their disappointment regarding the table/matrix but stating that they look forward to the forthcoming changes. SHPO made no further comment regarding concurrence with the determination of **No Historic Properties Affected**.

**MAMIZU Multiple Vertical Projects (RC# 2021-0851)**

This project will construct eleven proposed “vertical” construction projects, including design studies, for a Fire Station (J-008); Enlisted Dining Facility (J-015); Police Station (J-018); Bachelor Officer Quarters (BOQ) A (J-023); Bachelor Enlisted Quarters (BEQ) E (J-032); BOQ B (J-034); BEQ C (J-036); BEQ G (J-037); BEQ J (J-038); BEQ K (J-039); and 3rd Marine Expeditionary Brigade (MEB) Consolidated Headquarters (J-301) at United States Marine Corps (USMC) at NBGTS Finegayan

- 6/8/2021: PA Memo #1 submitted with comment period ending in July 22, 2021
  - SHPO comments and DON response for the MAMIZU Multiple Vertical Projects were covered under the MILCON Multiple Vertical Projects (P projects) correspondence. See above for comments and responses.

**Section II: List all individual projects (as identified in Stipulation V.A.) completed within the six months for which supplemental consultation under this PA has been conducted, including the determination of effect and any mitigation measures identified.**

<b>J-001B Utilities and Site Improvements, Finegayan (RC# 2014-0625)</b>
<ul style="list-style-type: none"> <li>• Several consultations on specific discoveries within J-001B continued through the period covered by this report. Discoveries of archaeological sites and human skeletal remains are presented in Appendices A and B of this report. Between March and June 2021, eleven human skeletal remains discoveries in a non-burial context (HR-11 to HR-21) and one potential archaeological site discovery (J-001B-11) were documented (See Appendices A and B for more details). HR-11 to HR-21 were encountered in J-001B-11. Each discovery was reported to SHPO, and in the case of potential sites, was also reported to Advisory Council on Historic Preservation (ACHP).</li> <li>• Archaeologists discovered in-situ burials during HR-1 investigations using the standard procedure for recovery of non-burial context remains developed in consultation with SHPO (See Appendix A for details regarding burials in HR-1).</li> <li>• 2/26/2021: SHPO received Revised PA Memo #1 for J-001B Area F indicating an increase of the APE from 5.4 acres to 9.8 acres. Initial PA Memo #1 delivered to SHPO on January 21, 2021. Comment period for the Revised PA Memo ended April 12, 2021. DON determined that <u>no historic properties will be affected</u> by the expansion. (See Section III for more details).</li> <li>• 4/5/2021: Archaeological Site Discovery 11 (J-001B-11) in Area D was reported to SHPO and ACHP per the 2011 PA.</li> <li>• 4/16/2021: HR-11 in Area D was reported to SHPO</li> <li>• 5/17/2021: HR-12 in Area D was reported to SHPO</li> <li>• 5/25/2021: HR-13 in Area D was reported to SHPO</li> <li>• 6/1/2021: HR-14 and HR-15 in Area D was reported to SHPO</li> <li>• 6/10/2021: SHPO and JRM CRM visited HR-11</li> <li>• 6/15/2021: End of fieldwork letter report for J-001B-11 delivered to SHPO <ul style="list-style-type: none"> <li>○ 6/21/2021: SHPO responded to J-001B-11 EOF notification</li> </ul> </li> <li>• 6/22/2021: HR-16, HR-17, HR-18 in Area D were reported to SHPO</li> <li>• 6/29/2021: HR-19, HR-20, HR-21 in Area D were reported to SHPO</li> <li>• 6/30/2021: Japanese Consulate informed that the remains at HR-11 are believed to be a Japanese war casualty</li> <li>• 7/27/21: Consulate visited HR-11</li> </ul>

<b>J-006 Apra Medical/Dental Clinic (RC# 2011-7959)</b>
<p>Consultations have concluded and construction is underway; however, SHPO requested monitoring of trenching for installation of underground utilities related to the project. Areas to be monitored included trenching in the dirt road adjacent to the Japanese Amphitheater, a stone wall and drainage features along the road.</p>

- Excavation started on the east end of the dirt road (most distant from the amphitheater), but was halted on 6/28/2020 when an old fuel line was encountered. Work along the dirt road remained paused for several months.
- 3/16/2021 Trenching and monitoring resumed along the dirt road.
- 3/31/21: MCBCB archaeologist observed more than 2 meters depth of fill in trench, with no visible base of fill. Also inspected trenching around laundromat across Sumay Road (NBG sewer line project), also observed deep layered fill in trench walls along the sewer line.
- April through June 2021: contractor completed trenching, removal of old pipes, installation of ductwork and backfilling trench. No damage was observed during excavation and laying of new ductwork; however, rock wall and rock lined ditch were scraped during backfilling and site clean-up. Damage was detected by bio-monitor responding to report of removed demarcation lines.
- 7/08/2021: Camp Blaz and NBG archaeologists visited the site and inspected the damage.
- Notice of Violation was issued for going beyond demarcation limit and damaging historic property. Contractor was required to repair damage, which was minor, consisting of scrapes and scratches on the surface of the stone wall, with some displacement of rocks lining ditch. Contractor has hired qualified consultant to develop a mitigation plan.

**J-017 Area Distribution Nodes and Site Telecon Cabling Project Design/Construction (RC# 2020—0605)**

- 6/1/2020: PA Memo #1 delivered to SHPO June 1, 2020 with comment period ending July 15. DON determined that the project will have **No Effect on Historic Properties**. Although historic properties had been discovered in the project’s Area of Potential Effect, adverse effects had been mitigated by data recovery excavations as stipulated by the 2011 PA.
- 6/25/20: SHPO non-concurred, referencing J-001B-002 where preservation in place of human remains was under consideration.
- 9/3/2020: Navy responded formally to SHPO comment in which DON response referenced a 7/24/2020 phone conversation where DON stated that the response to SHPO comments on J-017-II Main and Commercial Gates addressed SHPO comments on both J-017-1 and III ADNSTC PA Memo 1 as comments were identical for the related projects. See comment on J-017-II below.

**J-017-II Main Gate and Commercial Gate Design/Construction (RC# 2020-0605)**

- 5/8/2020: PA Memo was delivered to SHPO and posted on CRI website (<https://pacific.navfac.navy.mil/About-Us/Cultural-Resources-Information/>) with comment period ending June 21, 2020. DON determined that the project would have **No Adverse Effect** on historic properties because data recovery by archaeological



investigations had been completed as mitigation for adverse effects on a historic property in the project's Area of Potential Effect had been completed.

- 6/16/2020: SHPO non-concurred.
  - SHPO objected to use of the place name Machanao in the PA Memo, stating that Machanao was north of the project area.
  - SHPO requested photographs of the project areas.
  - SHPO stated that SHPO is not sure if both gates were covered under the 2018 Dispute Resolution Agreement.
  - SHPO stated that they would not provide the PA Memo to the public for review until Navy "provided PA Memos appropriate to give the public."
  - SHPO further stated that they would not accept the start of the review period until such a PA Memo was received.
- 7/2/2020: Navy responded to SHPO comments.
  - Navy provided SHPO with a copy of a 1954 USGS topographic map in which the name Machanao appears in the vicinity of the project area.
  - Regarding the comment about photographs of the APE, Navy pointed out that photographs are not normally part of the PA Memo process. The DON provides maps of the project areas and committed to including photographs of sites in future plans for resolving adverse effects in the event that data recovery is warranted. However, photographs of proposed project areas would provide little useful information; also satellite images are readily available.
  - The DON also agreed that the 2018 Dispute Resolution Agreement applies to this specific project, which is within the footprint of previously consulted on J-001B Utilities and Site Improvements.

#### **J-755 Urban Combat Training Facility, Andersen South (RC# 2013-1101 )**

- Soon after construction began in Andersen South, the archaeological monitor working under the 2018 Dispute Resolution Agreement began reporting inadvertent discoveries, primarily in the Convoy Vehicle Operator Course (CVOC) located in the western end of Andersen South.
- Between the previous reporting and June 2021, one human skeletal remains (HSR) discovery in a non-burial context (HR-5), two archaeological site discoveries (J-755-15 and J-755-16), and one HSR in primary context (HR-4-Burial 1) were documented (See Appendices A and B for more details). Each discovery was reported to SHPO, and in the case of potential sites, was also reported to the ACHP.
- 3/19/2021: DON notified SHPO regarding HR-5 in a non-burial context within the CVOC
- 3/16/2021: EOF letter for mitigation of HR-2 delivered to SHPO

- 5/13/2021: DON notified SHPO of articulated HSR in a primary burial context (Burial 1) at HR-4. The discovery was made during the investigation of HSR within the HR-4 loci, per the 2019 DON-SHPO agreed upon SOPs for HSR in a non-burial context. MCBCB staff and SHPO visited the site and agreed to non-intrusively expose (without disinterment or exhumation) the full extent of the burial to determine age of deposition and possible ethnicity, before consulting again for disposition of the burial.
- 6/15/2021: DON notified SHPO and ACHP of a potential archaeological area J-755-15
- 6/29/2021: DON notified SHPO and ACHP of a potential archaeological area J-755-16

#### **J-200-2 North Ramp Utilities Communication Lines AAFB (RC# 2020-0702)**

This project proposes to construct telecommunications infrastructure consisting of an underground distribution of fiber optic cabling in concrete encased duct banks and manholes at Andersen Air Force Base (AAFB) and will extend between J200 and LFTRC.

- 6/18/2020: PA Memo #1 was submitted with comment period ending August 4, 2020. DON determination for this project is **No Historic Properties Affected.**
- 11/17/2020: Revised PA Memo #1 was submitted with comment period ending January 1, 2021. The total area of potential effect (APE) for J-200-II decreased from 36.9 hectares to 35.9 hectares due to rerouting of the communications utilities. DON determination for this project remains **No Historic Properties Affected.**
- 1/19/2021: SHPO responded with a non-concurrence to DON's Determination of Effect for Revised PA Memo #1:
  - APE requires additional survey since initial archaeological survey was conducted improperly
  - Project will have an adverse effect on historic properties eligible for NRHP listing since
- 7/21/2021: The DON's responded to SHPO comments stating that the narrow APE was subject to multiple past surveys under Section 106 and Section 110 and hence a determination of effect can be made with existing information that meet the reasonable and good faith efforts standard. In light of the SHPO's concerns, the DON committed to providing extra emphasis on site checks by an SOI-qualified archaeologist as the linear construction for communication lines proceeds.

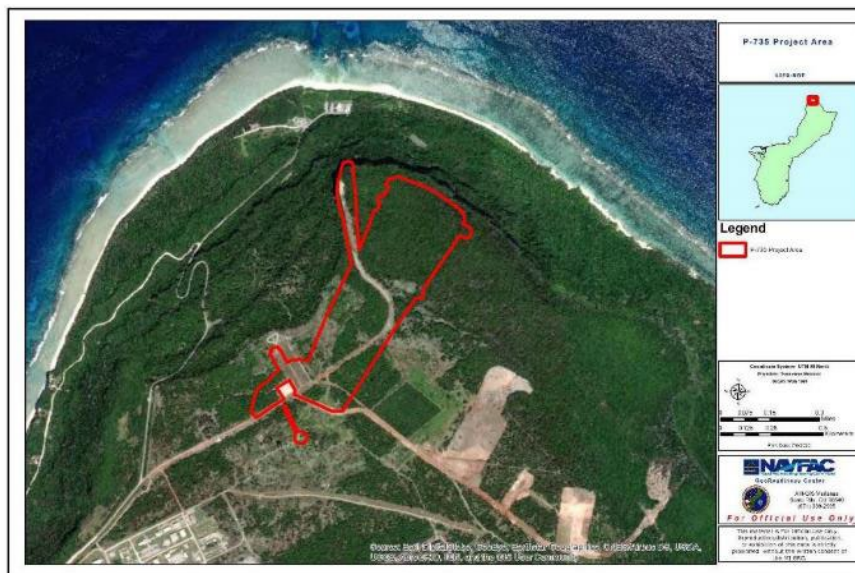
#### **P-735 Multi-Purpose Machine Gun (MPMG) Range AAFB (RC# 2019-0053)**

The MPMG is part of the live-fire training range complex (LFTRC) at AAFB-Northwest Field. The APE is 42.3 hectares (ha) (104.6 acres [ac]) north of Northwest field along the top of the Ritidian cliff line. The project will consist of clearing for a machine gun range, construction of a control tower and ammunition distribution point, paving, and associated electrical and mechanical utilities.

- 7/30/2020: Guam SHPO invoked Stipulation XIII objecting to DON actions under the 2011 PA, specifically on the previous cultural resource investigations for the proposed construction of P-735.
- 10/16/2020: DON submitted Resolution Agreement between JRM and Guam SHPO (See Section 7 for details)
- 10/30/2020: Stipulation XIII Resolution Agreement letter is signed. Both parties agreed to:
  - Additional pre-construction survey of the northern limestone portion
  - Pre-construction shovel testing in the southern cobbly loam area
  - Preparation of a research-oriented work plan for 60 day SHPO review
  - Monitoring during construction
  - Interpretive Signage
- 11/17/2020: DON submitted Pre-final Archaeological Survey, Monitoring, and Discovery Plan (AMDP)
  - 1/20/2021: SHPO commented on Pre-Final AMDP
  - 3/15/2021: DON responded and resolved SHPO's comments, and provided final work plan
  - 3/17/21: Response to SHPO's comments on the Pre-Final Work Plan and the Final Archaeological Re-Survey, Discovery and Monitoring Plan was submitted to SHPO.
- 04/27/2021: Preconstruction archaeological survey starts; Preliminary results of survey will be provided in the next reporting period.

### P-735 Multi-purpose Machine Gun Range

Figure illustrates relationship of the MPMG to other ranges in LFTRC.



**P-735 Multi-purpose Machine Gun Range**

*Figure illustrates the two geological/soil areas in the project area: rock outcrop to the north and cobbly loam to the south.*



**J-017-II Main and Commercial Gates - Design/Construction**

The J-017-II project proposes to construct a Main Gate and a Commercial/Tactical Vehicle Gate as part of J-001B Utilities and Site Improvements (U&SI) Phase II. The Main Gate and a Commercial/Tactical Vehicle Gate will provide installation security for Marine Corps Base Camp Blaz. Main Gate facilities will include an entry canopy with guard booths and guard pedestals, a gate house, an overwatch enclosure, a utility building, a search area with canopy, and a Visitor Control Center (VCC) building with parking lot for visitor Privately Owned Vehicles (POVs). The VCC building will include an indoor and outdoor Public Visitor Education Display that will feature curated artifacts collected during cultural resource surveys and mitigation efforts in support of the Guam Build-Up projects. Commercial Gate facilities include a primary canopy with guard booths and guard pedestals, pull-off POV inspection area, gate house/search office, an overwatch tower, utility building and parking area for Security Forces Government Owned Vehicles (GOV), and incidental related work.

**J-017-I and III Area Distribution Nodes and Site Telecom Cabling Project – Design/Construction**

The J-017 ADN and Site Telecommunications Cabling project proposes to conduct design studies and subsequently construct Area Distribution Nodes (ADN) and Site Telecommunications Cabling at Naval Base Guam Telecommunications Site (NBGTS) at North

Finegayan, Guam. The project will provide Outside Plant Telecommunications Cabling for the Finegayan main cantonment as part of the second phase of the J-001B Utilities and Site Improvements (U & SI). The cabling will include ADN to ADN connections, ADN to existing communication center connections, and all required cabling for related facilities. The project will provide a new four-way ductbank, fiber optic cables, and maintenance holes from the west perimeter of the Finegayan cantonment, connecting to the infrastructure provided by the J-001B project. Site preparation and project work includes grading, digging, trenching, drilling, boring and/or cut and fill to construct two single-story ADNs along with site improvements consisting of pavement around the ADNs for vehicle circulation and parking, drainage, and utility systems as well as installation of communication lines. The effort may also require munitions and explosives of concern (MEC) removal and associated efforts.

**Section III. Additional coordination under this PA initiated (Stipulations I.A and I.E) within the past six months as a result of changes or additions to the Undertaking. DoD shall provide a summary showing the project name, date of adverse effect notification and status of consultation.**

**P-296 Ordnance Operations Administration Building Andersen Air Force Base, Guam (RC# 2019-0028)**

- 8/4/20: PA Memo 1 for construction transmitted to SHPO with comment period ending September 17, 2020. DON determined that the project would have **No Historic Properties Affected**; however, DON agreed to SHPO request to have an archaeologist provide checks and photographs during initial ground disturbance.
- Originally consulted on in an 11/5/18 PA Memo, there were subsequent changes (inclusion of utility line) in the APE requiring a new PA Memo.
- Note that SHPO did not concur with the determination of No Historic Properties Affected, as stated in the 2018 consultation because of a tank battle that reportedly occurred near the project location. DON responded, offering evidence that previous surveys and consultation with AAFB CRM did not find evidence supporting the occurrence of the tank battle in the project area.
- No further SHPO comment had been received on the revised PA Memo.

**P-608 Earth Covered Magazines Design and Construction, Naval Base Guam Munitions Storage Area (RC# 2019-0111)**

- Project includes construction of earth-covered magazines, an inert warehouse in Naval Base Guam Munitions Storage Area (NBGMS), and improvements of an existing ammunition staging pad at Orote Peninsula.
- The alternate location for the earth-covered magazines is on Lower Kitts Road in NBGMS; however, discovery of a previously undocumented standing latte set within a site in the project APE has caused a re-evaluation of the alternate project location.
- Two options are currently under consideration: the original location off Parson's Road (See Appendix D) and possibly shifting the Kitts Road magazine locations to the south to avoid the Fena Lake West site, which contains the latte set.

- 3/3/2020: The final work plan for P-608 was delivered, copy was provided to SHPO for review
- SHPO comments on the work plan:
  - SHPO does not have the CV of the PhD or the “experienced field technicians that will be conducting the work.
  - Text does not mention latte sets found by the State Archaeologist during a site visit.
  - SHPO refers to MEC anomalies as artifacts
  - SHPO expects the issues to be resolved in the draft report
- 6/17/2020: Fieldwork (survey with subsurface testing) was completed in Kitts Road alternative; End of Fieldwork report was presented to SHPO for review on 6/23/2020.
- 8/31/2020: Addendum Archaeological Surface and Subsurface Survey Plan (Parsons Road) submitted to SHPO.
  - 2/19/2021: SHPO provided comments on the addendum work plan.
- 2/19/2021: End of fieldwork letter report for Parsons Road extension and South Kitts Road extension delivered to SHPO for review by 2/25/2021.
- Draft results of archaeological surface and subsurface survey covered in the next reporting period.
- NOTE: After evaluation of additional information, the Parsons Road location is the US Marine Corps preference for construction of the earth-covered magazines; a PA Memo for construction will be prepared once planning detail is available.

**P-715 Ungulate Fence (RC# 2019-0131)**

- Installation of ungulate fence using 4.8-meters long by 1.06-meters wide galvanized livestock panels secured to 2.7-meter posts. Coordination of fence alignment to facilitate field adjustments in order to avoid natural and cultural resources. Fence areas were surveyed prior to construction and installation is monitored by a qualified archaeologist.
- All existing data recoveries and investigations of human remains for P-715 were completed by Nov 2019.
- 9/15/2020: Archaeologists completed pre-construction inspection of the ungulate fencing corridor.
  - Identified soil and rock outcrop areas, noted observed artifact locations
  - Soil areas will be monitored during fence installation.
  - Plan is to document and avoid any sites encountered, if practicable.
- 10/29/2020: Task Order Mod 7 was awarded to capture additional monitoring hours, which included ungulate fence APE.
- Fence construction was subsequently completed, detail to be included in next reporting period.

**J-001B Area F Expansion (RC# 2016-0048) Revised APE**

- 2/26/2021: SHPO received Revised PA Memo #1 for J-001B Area F indicating an increase of the APE from 5.4 acres to 9.8 acres to accommodate a required storm water infiltration basin at Naval Base Telecommunication Site (NBGTS). Initial PA Memo #1 delivered to SHPO on January 21, 2021. Comment period for the Revised PA Memo ended April 12, 2021. DON determined that no historic properties will be affected by the expansion.
  - 4/05/2021: SHPO provided comments to verify if Area F expansion project is covered under and will adhere to the 2018 Stipulation XIII Resolution Agreement between JRM and the Guam SHPO.
  - 4/06/2021: DON responded to confirm that Area F expansion is within the scope of J-001B and covered by conditions in the 2018 Stipulation XIII Resolution Agreement.

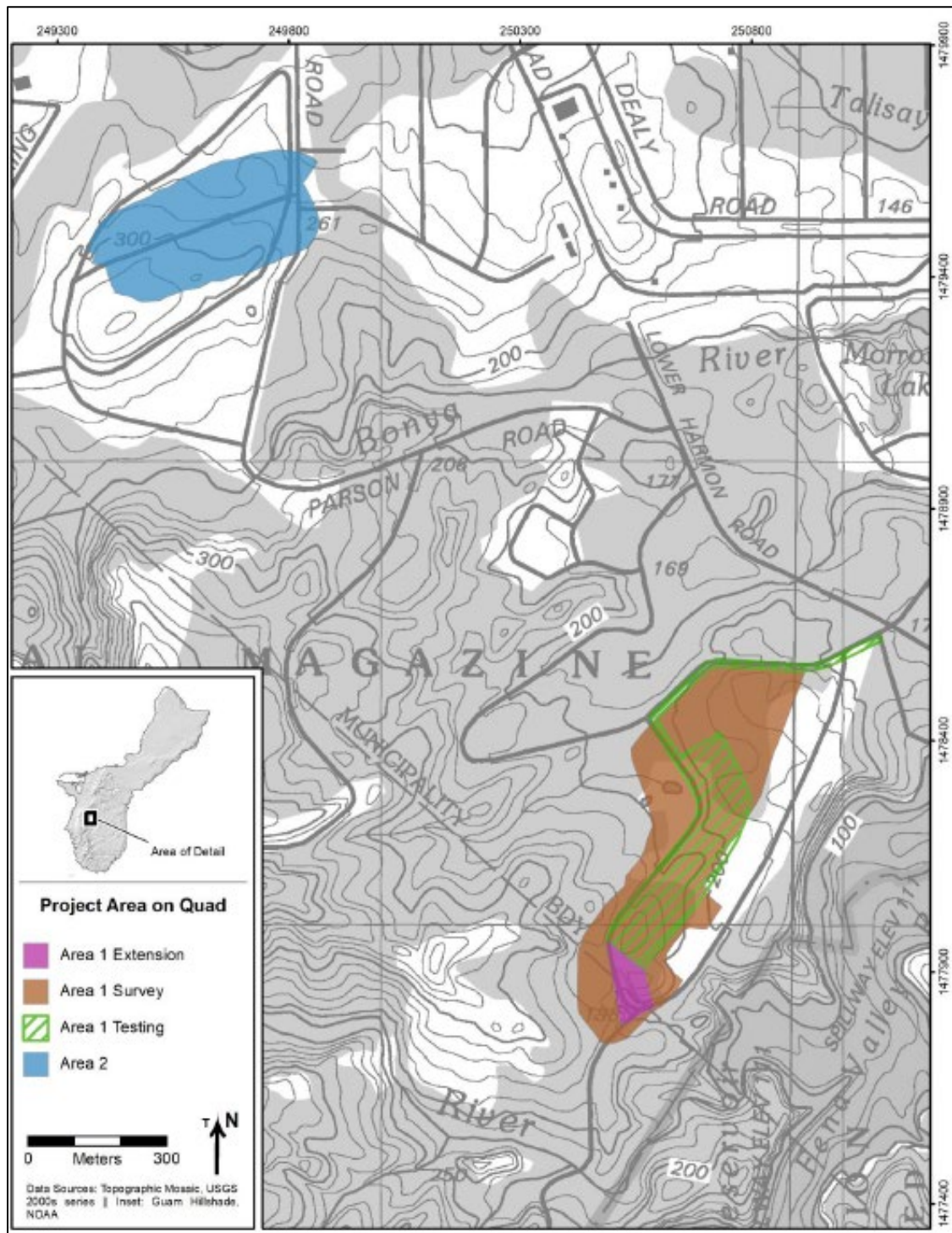
**FIGURES FOR SECTION III (CHANGES)**

**P-296 Ordnance Operations Administration Building, Andersen AFB  
Revised PA Memo to include utility line.**





**P-608 Earth Covered Magazines Naval Base Guam Munitions Storage Area  
Revised PA Memo submitted to include alternate project location.**



**J-001B Area F expansion**  
**Revised PA Memo submitted to include expansion of APE (within NCTS land)**



**Section IV: Summary of progress on the implementation of mitigation measures specified in Stipulations VI, VII and VIII.**

**General Mitigations Stipulation VI**

**Stipulation VI.A.1: Mitigation Plans**

Mitigation Plans (Data Recovery Plans) were submitted for the following:

J-001B Marine Corps Base Camp Blaz Main Cantonment (RC2014-0625)

- J-001B – 010: Discovery in Area E of J-001B was reported to ACHP and SHPO on Aug 31, 2020. The notification included a general plan to resolve adverse effects, which per VI.1.b is archaeological data recovery. Subsequently, the archaeological consultant prepared a more detailed data recovery plan specifically for Area 10 and previously discovered Area 9. The Data Recovery Plan is an addendum to the previously reviewed Data Recovery Plan (Dixon, Rudolph, and Nelson 2016).
- J-001B-011 in the western portion of Area D was reported to SHPO and ACHP on April 5, 2021 with a general plan for resolving adverse effects. The discovery consisted of multiple dark soil features and surface artifact scatters. The area is currently under investigation and will be reported on in the next semi-annual report (July to December 2021).

J-755 Skaggs Urban Combat Training Range at Andersen South (RC2013-1101)

- J-755-012 was reported to SHPO and ACHP on July 17, 2020 along with a general work plan. Fieldwork followed a two phase plan developed in consultation with SHPO. Due to the nature of discoveries within a narrow corridor, Step 1 employed surface observation and subsurface investigation to determine the boundary of the discovery and if it was connected to surrounding discoveries. Step 2 consisted of archaeological data recovery of the portion of the site within the construction boundary. SHPO received an End of Fieldwork notice December 21, 2020.
- J-755-013 was reported to SHPO and ACHP on August 28, 2020 along with a general work plan. Mitigation followed the plan described for J-755-012. SHPO received an End of Fieldwork notice on February 12, 2021.
- J-755-014 was reported to ACHP and SHPO on December 16, 2020 along with a general plan for resolving adverse effects. Investigation at this location is still pending and an update will be reported in the next reporting period.
- J-755-015 was reported to both ACHP and SHPO on June 11, 2021 along with a general plan for resolving adverse effects. Investigation at this location is pending and will be reported in the next reporting period.
- J-755-016 was reported to both ACHP and SHPO on June 29, 2021 along with a general plan for resolving adverse effects. Investigation at this location is pending and will be reported in the next reporting period.

Note that investigations of discoveries of non-burial human bones and fragments, known as Human Skeletal Remains (HSR) were conducted in J-001B and J-755 during the reporting period. Discoveries of HSR require notification to SHPO. Recovery of non-burial HSR follows a procedure developed in consultation with SHPO. Detailed information is presented in Appendix B. Note that while some monitoring continued in P-715 during the reporting period, there were no inadvertent discoveries of potential site or human remains in that project.

#### **Stipulation VI.A.2: Data Recovery Reports**

- SEARCH submitted a draft technical report on their investigation at J-001B-002 for Camp Blaz review on November 9, 2020. SEARCH is currently addressing comments. SHPO will receive a copy of the report. As of this reporting period, Camp Blaz was still awaiting the final report.

#### **Stipulation VI.B: Public Education and Interpretation**

- No additional educational booklets were produced during the reporting period. Digital copies of existing booklets can be obtained from the Navy Cultural Resources Information website ([https://www.navfac.navy.mil/navfac\\_worldwide/pacific/about\\_us/cultural\\_resources.html](https://www.navfac.navy.mil/navfac_worldwide/pacific/about_us/cultural_resources.html)).
- Construction of a memorial at the location of burials that were preserved in place is underway at the HR-1 location in J-001B. The memorial was subsequently completed and more detail will be provided in the next reporting period.
- A proposal is in progress for the permanent indoor and outdoor educational exhibits at the Camp Blaz Visitor Center and Main Entrance. The design of the visitor center was modified to have capacity for the proposal, if approved, to house smaller artifacts and multi-media educational programs informing visitors about the prehistory and history of the northern plateau. The proposal highlights how visitors will not need base access and the public may visit the display during VCC operating hours.
- An outdoor display is included as part of the proposal. This display will be near the Visitor Center but outside the gate and available for visiting at any time. The display consists of a walking path through native vegetation and will include interpretive signage, re-constructed latte sets, lusong, garden areas, and an interpretive earth oven.
- 11/25/2020: MCBCB staff met with SHPO and Guam Preservation Trust to discuss ideas for the educational exhibits, including a way forward for the project. These ideas were incorporated into the project proposal and further detail will be included in next reporting period.

**Stipulation VI.D.1: Cultural Resource Awareness**

- COVID restrictions remained in effect during the reporting period. No classroom training by Camp Blaz CR staff was permitted; however, voice was added to DVDs containing the presentation. The DVD was presented to contractor’s Environmental Managers, who presented the training to small groups of socially distanced and masked contractors and provided Camp Blaz with rosters of attendees.
- 214 individuals were trained during the reporting period; few are arriving during COVID-required quarantine

**Stipulation VI.D.2: Access to Historic Properties on DoD Lands**

- The Public Access Plan remains suspended due to COVID restrictions; there were no visits during the reporting period.

**Stipulation VII.D.3: Collection of culturally important natural resources**

- The DON coordinated four visits for plant and tree collection included gathering of seeds or seedlings from 13 plant species.

**Stipulation VI.F: Professional Oversight**

- There are three Secretary of the Interior qualified archaeologists at Camp Blaz.
- Camp Blaz archaeologists also consult regularly with NBG and AAFB Cultural Resource Managers (CRM) and the Acting Joint Region Marianas CRM to ensure oversight of actions and mitigations related to the Marine Corps Relocation. Camp Blaz archaeologists are also in consultation with NAVFAC PAC archaeologists by phone or email daily.
- Camp Blaz archaeologists also conduct site visits to inspect progress, respond to contractor requests for information and report to the Contract Officer’s Representative on any issues.
- Camp Blaz archaeologists also communicate with SHPO and the State Archaeologist regarding discoveries and requests for information.

**Stipulation VI.G: Update of Historic Properties Information**

- Contracts for archaeological investigations, whether for surveys or data recovery, require that the contractor prepare a new or updated (as appropriate) Guam Historic Property Inventory (GHPI) form for the property to include a NRHP status recommendation.

**Guam-Specific Mitigations (Stipulation VII)**

**Stipulation VII.B.1: Signage at South Finegayan**

- While Relocation actions (housing) are no longer proposed at South Finegayan, the requirement to update the interpretive sign at the South Finegayan Latte Stone Park remains in the 2011 PA.
  - The interpretive signage will incorporate information obtained by a recent NBG investigation of the features around the standing latte set.
  - There is also opportunity to manage this requirement with other interpretive needs or initiatives beyond the 2011 PA.
  - The area within and immediately adjacent to the Latte Stone Park will be rehabilitated to protect the site from damage by vegetation such as toppling of dead trees.
  - There has been no action on this Stipulation during the reporting period.

**Stipulation VII.B.2: Maintain Access to Southern Mountain Trail**

- There have been no actions restricting access to the Southern Mountain Trail.

**Stipulation VII.C.2: Assist SHPO with Update of Guam Comprehensive Preservation Plan**

- This requirement is to occur at 5 year intervals for the life of the PA.
- Calendar Year 2022 is the next target period for the SHPO Liaison to assist the SHPO since last update of the Preservation Plan was completed in 2017.

**Stipulation IX: Provide SHPO Liaison**

- The non-SOI qualified liaison did not meet requirements of the 2011 PA and was not renewed when the contract ended.
- Navy had increased the position from part-time to full-time in an effort to assist SHPO during COVID related challenges.
- Navy not only increased the hours but also increased the pay level in an effort to attract SOI qualified candidates; as a result, several applications were received.
- The SHPO Liaison reported for work on June 1, 2021.
- A kick-off meeting was held on June 4, 2021 between Colorado State University Center for Environmental Management Military Lands (CEMML), Guam State Historic Preservation Officer (SHPO), the State Archaeologist, the SHPO Liaison, and MCBCB to discuss the Liaison’s roles and responsibilities.

**Stipulation VII.C.2: Prepare/Update Stand-alone Guam Synthesis**

- This requirement is to occur at 5 - year intervals and is linked to completion of updates to the Guam Comprehensive Preservation Plan.
- The initial Synthesis consisted of a two-volume set that started after Guam SHPO completed the Historic Preservation Plan in 2017 and was delivered to SHPO on January 4, 2019.
- The Synthesis update contract award is anticipated before end of fiscal year 2022 and will be an opportunity to include new information from military relocation investigations, particularly those on the Northern Plateau.
- The updated Synthesis will include:
  - Preparation of a public version
  - Posting on the CRI website
  - Inclusion of more ethnographic information
  - Consolidation of GIS data

<b>Stipulation VII.C.3: National Register Nominations</b>
<ul style="list-style-type: none"> <li>• This stipulation requires that DoD prepare at least two NRHP nominations per year for historic properties on DoD land.               <ul style="list-style-type: none"> <li>○ Three nominations were awarded in FY2020                   <ul style="list-style-type: none"> <li>▪ Fieldwork was delayed due to COVID</li> </ul> </li> <li>○ Two nominations in FY2021 (See table below for more information)</li> </ul> </li> </ul>

STATUS OF NRHP NOMINATIONS ON MARCH 31, 2021 (highlighted sites have Brochure/Pamphlet already)

Calendar Year	Property Name	Status
2012	Talisay (66-02-2366)	Listed in NRHP
2012	Tumon-Maui Well (66-01-2278)	Listed in NRHP
SHPO	Mahlac Pictograph Cave (66-02-1985) By SHPO	Listed in NRHP
2013	Dobo Springs Latte Set Complex (66-02-0151)	With HQ for delivery to Keeper
2013	North Field AAFB	North Field nomination was prepared by NAVFAC PAC and NAVFAC MAR at recommendation of AAFB CRM, based on HAER completed as partial mitigation of adverse effects on North Field. Nomination was then blocked by AAFB leadership.

2014	Dådi Beach Defensive Bunker (66-02-1303)	Sent to HQ for delivery to Keeper
2014	Påpa'etnon (66-02-2330)	Pending routing through JRM
2015	Maulap River Complex (66-02-1978)	Sent to HQ for delivery to Keeper
2015	Sagåyan Atmagosa (66-02-2337)	Routing through NBG
2016	Torres Farmstead (66-08-2717)	With AAFB
2016	Tarague Well #4 (66-07-1586)	With AAFB
2017	Songsong Må'gas (66-09-1935) & Guekon Yu'us (66-09-1940)	Routing through NBG
2018	Arizona Room, AAFB (66-07-1588)	With SHPO for review
2018	Straggler's Cave AAFB (66-08-1515)	With SHPO for review
2018	Block Rock Shelter, AAFB (66-08-1516)	With SHPO for review
2019	Pugua Point site (cut steps) proposed by SHPO	With SHPO for review
2019	Pugua Point site (Site 13) proposed by SHPO	With SHPO for review
2019	JRM Conference Table Constructed for a March 1967 conference between civilian and military leaders of US and South Vietnam and recently featured in a documentary hosted by JRM PAO and Guam Parks and Historic Sites historian.	With SHPO for review
2020	66-02-2341 contains two latte sets and has a Spanish component	Contract awarded; COVID has delayed fieldwork completion until 2021
2020	66-02-2344 contains two latte sets and two associated quarries	Contract awarded; COVID has delayed fieldwork completion until 2021
2020	66-02-2339 is a single latte set with associated rock shelter	Contract awarded; COVID has delayed fieldwork completion until 2021
2021	Two historic properties 66-02-2348 and 66-02-2350, both latte sites with standing latte and associated quarries, were selected for nomination.	Fieldwork to be completed in next reporting period

<b>Stipulation VII.C.4.a: Cultural Repository Funding</b>
<ul style="list-style-type: none"> <li>• DON advocated for funding and secured Congressional authorization. Office of Economic Adjustment granted \$12 million to Office of the Governor.</li> <li>• Construction has been completed at the University of Guam campus, more details of commissioning will be included in next reporting period. It is anticipated that an</li> </ul>



<p>Intergovernmental Support Agreement between the DON and GovGuam Department of Chamorro Affairs will be developed in fiscal year 2023 prior to accession of JRM collections into the Repository.</p> <ul style="list-style-type: none"> <li>The Repository, funded by the Department of Defense, is intended to house all of Guam’s archaeological collections (federal, local and private) in a facility meeting federal standards (36 CFR 79).</li> </ul>
<p><b>Stipulation VII.C.4.b: Museum Complex Advocacy</b></p>
<ul style="list-style-type: none"> <li>DON provided a white paper explaining the effort to secure funding and to meet the commitment for advocacy. No federal agency was able to provide funding for a museum complex.</li> </ul>
<p><b>Stipulation VII.D: National Park System on Guam</b></p>
<ul style="list-style-type: none"> <li>No impacts to NPS related to the military relocation have been reported.</li> </ul>
<p><b>Stipulation VIII: Tinian Mitigations</b></p>
<ul style="list-style-type: none"> <li>Tinian mitigations stipulated under the 2011 PA remain on hold.</li> </ul>

**Section V. List projects to be completed in the next reporting period, including the determination of effect and any mitigation measures required.**

**Note: Projects listed in Section V are anticipated during the next reporting period; however, timing may vary due to scheduling decisions.**

<p><b>PA Memo #1: P-305 Marine 4th Regiment Facilities; P-306 Combat Logistics Battalion – 4 Facilities; P-307 Consolidated Armory Facility; P-310 Infantry Battalion Company Headquarters; P-314 Marine Expeditionary Brigade; P-326 Primary End Item Warehouse; P-802 General Support Base Warehouse; P-803 Individual Combat Skill Training Area</b></p> <p>This PA Memo Consultation covers design and construction of eight projects on Camp Blaz. These are vertical construction projects on locations consulted on under J-001B.</p>
<ul style="list-style-type: none"> <li>P-305 will construct a low-rise facility to support the 4th Marine Regiment, consisting of an electronics-communications maintenance shop, auto maintenance shop (with dispatch shed), Company level administrative space, two grease racks for vehicles, organic storage and four vehicle wash facilities for vehicles.</li> <li>P-306 will construct a series of four low rise facilities to support the Combat Logistics Battalion (CLB)-4 consisting of an administrative office, automotive maintenance shop (with dispatch shed), construction-weight handling shop, communications/electronics maintenance shop, wash racks, grease racks, hazardous materials storage, general purpose classrooms, and an organic storage warehouse.</li> </ul>

- P-307 will construct a low-rise consolidated armory facility in support of 3rd Marine Expeditionary Brigade (MEB) Headquarters, 4th Marine Regimental Headquarters, two Infantry Battalions, Amphibious Attack Vehicle/Combat Engineer Battalion/Light Armored Reconnaissance platoons, Combat Logistics Battalion (CLB)-4 and Base Operations requirements. Building will be cast-in-place concrete and constructed with reinforced concrete roofs, walls, and slab-on-grade foundations. Design will comply with the MCB Guam Installation Appearance Plan (IAP). The facility will be constructed with walls, flooring, foundation, roofing, mechanical, electrical, and information systems appropriate to Guam earthquake and environmental conditions, and designed to meet applicable Unified Facilities Criteria (UFC) including UFC 4-215-01 Armories and Arms Rooms.
- P-310 will construct a multi-story administrative office for two Infantry Battalion Company Headquarters.
- P-314 will construct a Marine Expeditionary Brigade (MEB) Enablers facility with administrative, supply, direct support, and maintenance spaces. A separate but adjacent communications warehouse building for communications storage and supply storage will also be included.
- P-326 will construct a Primary End Item (PEI) Warehouse structure for the storage of operational military vehicles.
- P-802 will construct a low-rise high-bay general support warehouse required for storage and distribution of Direct Support Stock Control (DSSC) consumables. The warehouse will provide storage and administrative space to support Distribution Management Office (DMO), Base Supply, Food Services, and General Services Administration (GSA) daily operations. Since the facility will support several agencies, physical separation between functional areas is required. In addition to the storage and administration areas, the facility will include conference rooms, break rooms, and a reception area with audio/visual capabilities.
- P-803 will construct a covered Training Area an attached Comfort Station (including restroom and water fountain facilities), Field Training Area, Rappel Training Area, Hand-to-Hand Combat Pit, and an Obstacle Course.

**PA Memo #1 for P-187 Brown Tree Snake Exclusion Barrier South (RC2022-0013)**

- This project constructs a 11,608 foot ultra-smooth finish four foot tall pre-cast concrete wall with 10 inch cantilever and three foot tall fence with T-304 wire mesh and T-304 rolled hood top, painted with marine-grade paint enclosing the Brown Tree Snake (BTS)

Exclusion Area South Unit with cleared unpaved interior pathways. This project will also construct a water supply line within the BTS Exclusion Area. Fence encloses an area of approximately 60 hectares east of Haputo Road in North Finegayan.

**PA Memo #1 for North Finegayan and Finegayan Forest Enhancement Sites (RC2021-0952)**

- The project proposes forest enhancement activities within the North Finegayan and Finegayan Forest Enhancement Sites (FES) adjacent to the Marine Corps Base Camp Blaz (MCBCB) Main Cantonment in Dededo, Guam. The project will enhance disturbed forest through removal of invasive plant and animal species and outplanting of native plant species. To support the enhancement work, limited narrow paths will be cleared to provide irrigation and access for planting and maintenance.

**PA Memo 1: J-008 Fire Station; J-015 Enlisted Dining Facility; J-018 Police Station; J-023 Bachelor Officer Quarters (BOQ) A; J-032 Bachelor Enlisted Quarters (BEQ) E; J-034: Bachelor Officer Quarters (BOQ) B; J-036 Bachelor Enlisted Quarters (BEQ) C; J-037 Bachelor Enlisted Quarters (BEQ) G; J-038 Bachelor Enlisted Quarters (BEQ) J; J-039 Bachelor Enlisted Quarters (BEQ) K; J-301 3rd Marine Expeditionary Brigade (MEB) Consolidated Headquarters**

- J-008 Fire Station constructs a low-rise, reinforced and protected concrete fire station with components such as exterior walls, flooring, foundation, windows, roofing, mechanical, electrical, and information systems appropriated to Guam seismic, typhoon and tropical environmental conditions.
- J-015 Enlisted Dining Facility constructs a low-rise enlisted dining facility consisting of reinforced concrete with all components such as, exterior walls, flooring, foundation, windows, roofing, mechanical, electrical, and informational systems appropriate to Guam seismic, typhoon and tropical environmental conditions. The facility will include entrance lobby, queue, serving area, cashier station, dining area, restrooms, dish/pot washing areas, kitchen and preparation areas, storage (dry, refrigerated, freezer), loading dock, support areas (administrative, lockers, janitorial), and mechanical and communication services. Parking facilities for approximately 50 vehicles will also be included.
- J-018 Police Station constructs a low rise security/police station and military working dog (MWD) kennel facilities consisting of reinforced concrete with all components such as, exterior walls, flooring, foundation, windows, roofing, mechanical, electrical and informational systems appropriate to Guam seismic, typhoon and tropical environmental conditions. The facility will accommodate spaces for Provost Marshall's Office, the Naval Criminal Investigation Service, and indoor/outdoor MWD kennel facilities.

- J-023 Bachelor Officer Quarters (BOQ) A and J-034 BOQ B construct multi-story structures with reinforced concrete floors, frame, walls and roof; for Unit Deployed Personnel (UDP), senior non-commissioned officer (SNCO), and officer personnel in a multi-story housing tower with an attached one-story common area wing and detached utility building appropriate to Guam seismic, typhoon and tropical environmental conditions. The BOQ structure will house single-occupancy housing units and building common multipurpose spaces. Additionally, concrete access roads and approximately 104 vehicle and 10 motorcycle stalls, fire access lane, concrete sidewalks, ramps, bicycle storage and pads, trash enclosure, bollards, and recreational pavilion and landscaping at each building.
- J-032 Bachelor Enlisted Quarters (BEQ) E, J-036 BEQ C, J-037 BEQ G, J-038 BEQ J, and J-039 BEQ K each consists of one multi-story building complex with spread footing foundation and reinforced concrete walls, framing and roof. Building systems will be designed and constructed for Guam seismic, typhoon and tropical environmental conditions. Each complex consists of a tower with an attached community core building, a detached utility building and a detached washdown and drying area. The tower provides 300 rooms for UDP unaccompanied E1-E5 personnel with semiprivate baths in the standard Marine Corps room configuration for unaccompanied Marines. Paving and site improvements include miscellaneous site demolition, landscaping, concrete fire access roads, fire lane pervious pavement, sidewalks, curbs and gutters, trash enclosure and bollards. Site amenities include one small pavilion with table and benches, one horseshoe pit and either a volleyball or basketball court.
- J-301 3rd MEB Consolidated Headquarters constructs a high-rise consolidated headquarters facility for the 3rd MEB, Combat Logistics Battalion, 4th Marine Regiment, and two Infantry Battalions. The building will consist of reinforced concrete with all components such as, exterior walls, flooring, foundation, windows, roofing, mechanical, electrical, and informational systems designed and constructed for Guam's seismic, typhoon, and environmental conditions. Parking facilities for approximately 270 vehicles will be included.

### **P-309 Infantry Battalion Facilities FY23**

Project will construct low rise facilities to support two Infantry Battalions consisting of auto maintenance shops (with dispatch shed), wash racks, grease rack, electronics-communications maintenance shops, warehousing, organizational parking, and HAZMAT storage at Marine Corps Base (MCB) Guam. Buildings will be constructed with reinforced concrete roofs, walls, and slab-on-grade foundations. Design will comply with the MCB Guam Installation Appearance Plan (IAP). Buildings will be pre-cast concrete or cast-in-place concrete and constructed with walls, flooring, foundation, windows, roofing, mechanical, electrical, and information systems appropriate to Guam earthquake and environmental conditions, and designed to meet applicable Unified Facilities Criteria (UFC).

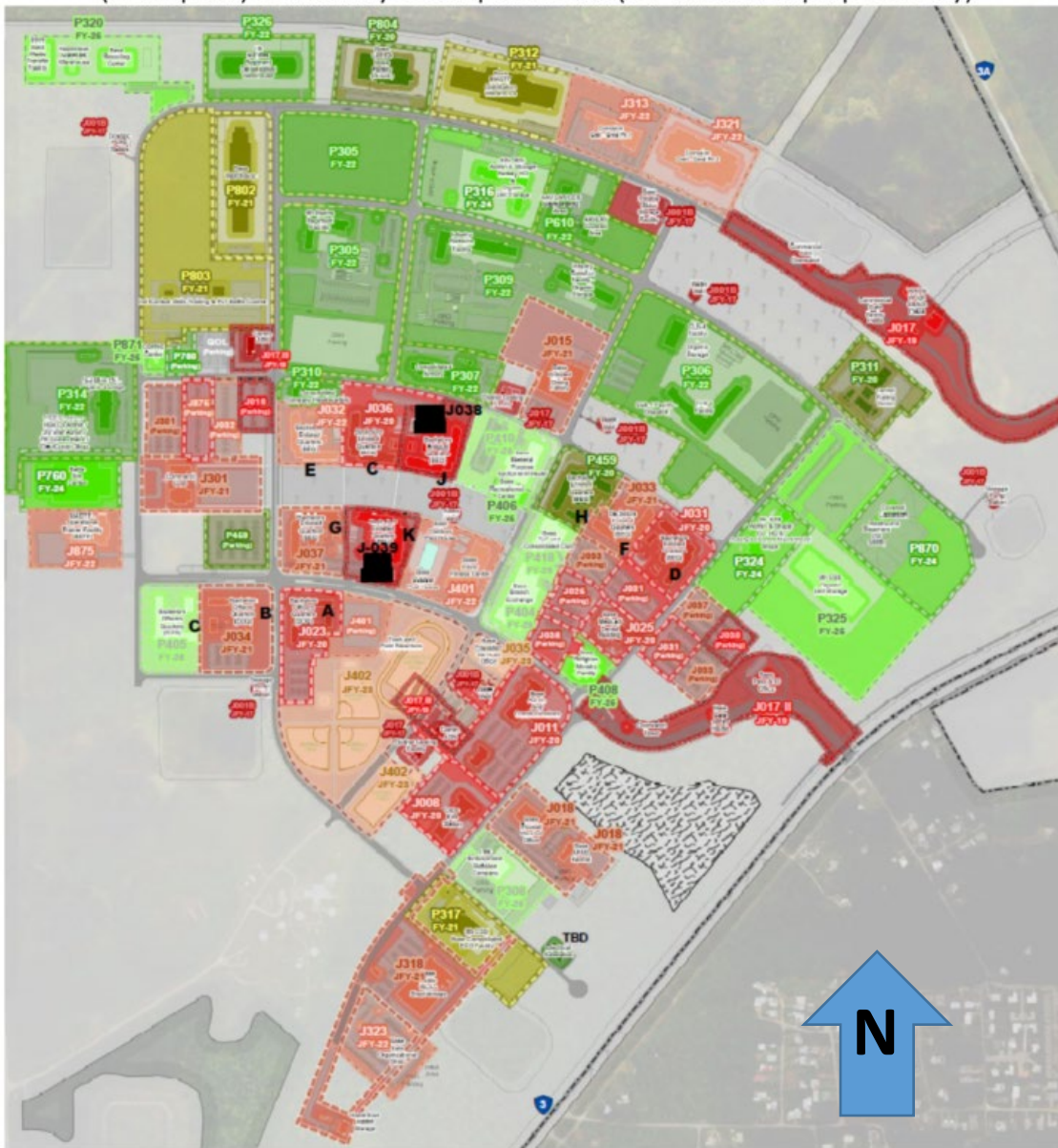
This is vertical construction on a location consulted on under J-001B.

**J-015, J-018, J-023, J-301 Multiple Vertical Projects at Camp Blaz**

- **J-015 Dining Facility** - Project constructs a low rise enlisted dining facility at Marine Corps Base (MCB) Guam consisting of reinforced concrete with all components such as, exterior walls, flooring, foundation, windows, roofing, mechanical, electrical, and informational systems appropriate to Guam earthquake and environmental conditions, and designed to meet applicable Unified Facility Criteria (UFC).
- **J-018 Security/Police Station at Camp Blaz** - This is vertical construction on locations consulted on under J-001B.
- **J-023 BEQ A Camp Blaz** Bachelor Officers Quarters at Camp Blaz use a standard design. This is vertical construction on locations consulted on under J-001B.
- **J-301 Consolidated Headquarters** will construct a high rise consolidated headquarters facility for the 3rd Marine Expeditionary Brigade (MEB), Combat Logistics Battalion (CLB), 4th Marine Regiment, and two Infantry Battalions at Naval Support Activity (NSA) Marine Corps Base (MCB) Guam consisting of reinforced concrete with all components such as, exterior walls, flooring, foundation, windows, roofing, mechanical, electrical, and informational systems appropriate to Guam earthquake and environmental conditions, and designed to meet applicable Unified Facility Criteria (UFC).

## AREA V MAPS

(Conceptual) Community Development Plan (For illustration purposes only)

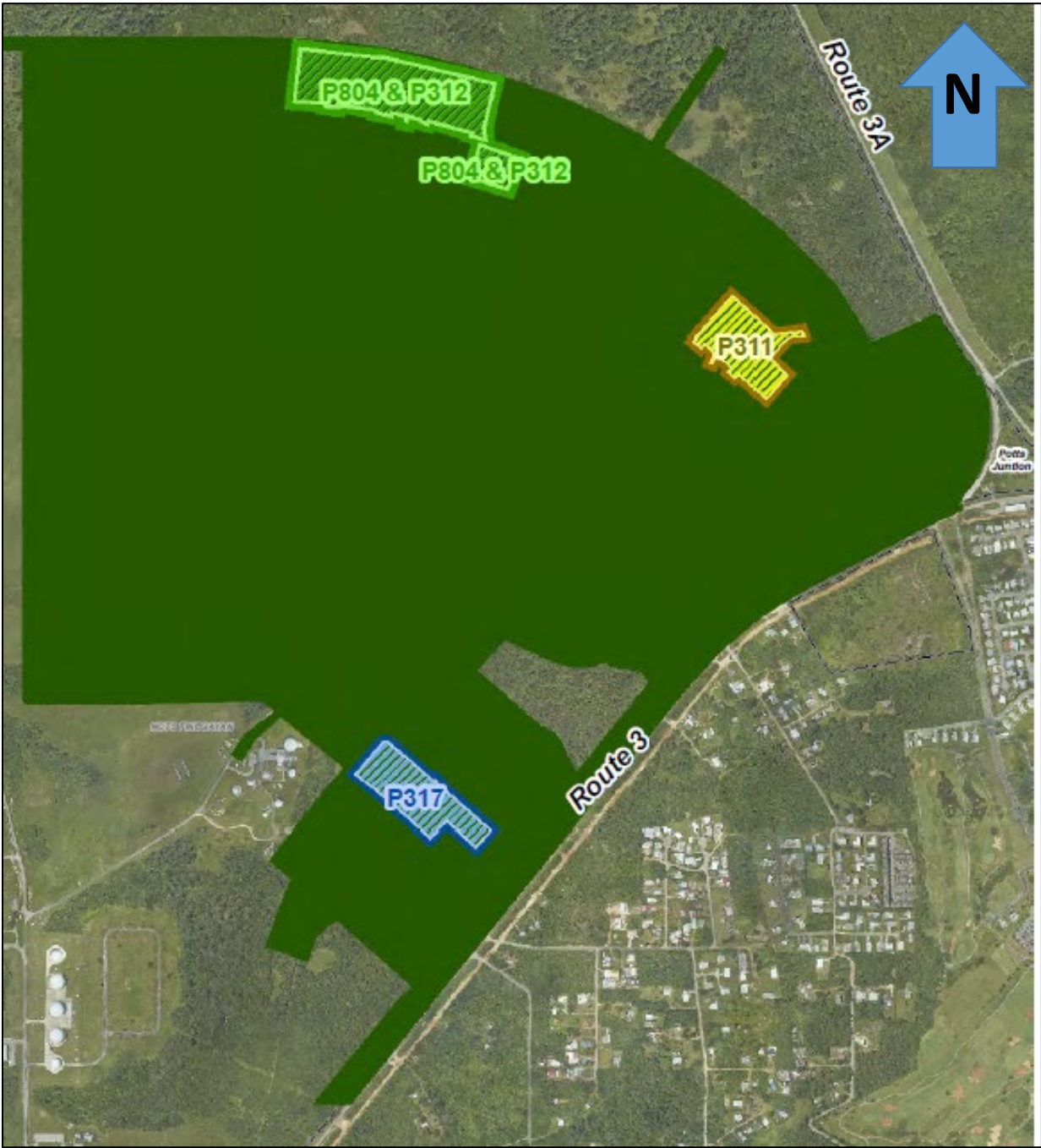


Project No.	Project Description
J-008	Base Fire Station
J-011	BAISE Admin. & Comm.
J-014	Physical Training Complex
J-015	Enlisted Dining Facility
J-018	Sec. Bldg./Police Station
J-023	BOO "A"
J-025	Med./Dent Clinic
J-031	BOO "D"
J-032	BOO "E"
J-033	BOO "F"
J-034	BOO "G"
J-035	Education Center
J-036	BOO "C"
J-037	BOO "H"
J-038	BOO "I"
J-039	BOO "K"
J-301	Consolidated Headquarters
J-313	Corrosion Control - Ground PH 1
J-318	Pub. Wks./Meat Shops
J-321	Corrosion Control - Ground PH 2
J-323	BAISE Motor Pool
J-402	Outdoor Playing Fields
J-475	BSF
J-517	Quarrel Coaling
P-305	8th Mainst. Bldg. Fac.
P-306	CLB-4 Facilities
P-307	Consolidated Amnory
P-309	SGC Inf BN 1 & 2 Facilities & HQ
P-310	Infantry Bn Company HQs
P-311	Central Fueling Station
P-312	Distribution Warehouse
P-314	M&B Emplbrs
P-316	Artillery Battery
P-317	Combined EOD Facility
P-320	Recycle Center
P-324	9th ESB HQ
P-325	9th ESB (I)
P-326	PEI Warehouse
P-404	Exchange Retail Store
P-406	Recreation Center
P-408	Religious Ministry Services
P-410	Auditorium/Theater/Boating
P-418	Transient Lodging - Club & Restaurant
P-459	BOO "N"
P-610	AAAV / LAB / C&B
P-760	Battle Sim Center
P-802	BAISE Warehouse
P-803	Inf Combat Skills Training & FLT Battle Course
P-804	Base Central Issue Facility
P-870	Eng and Bridge Complex

Location of J-011 and J-025

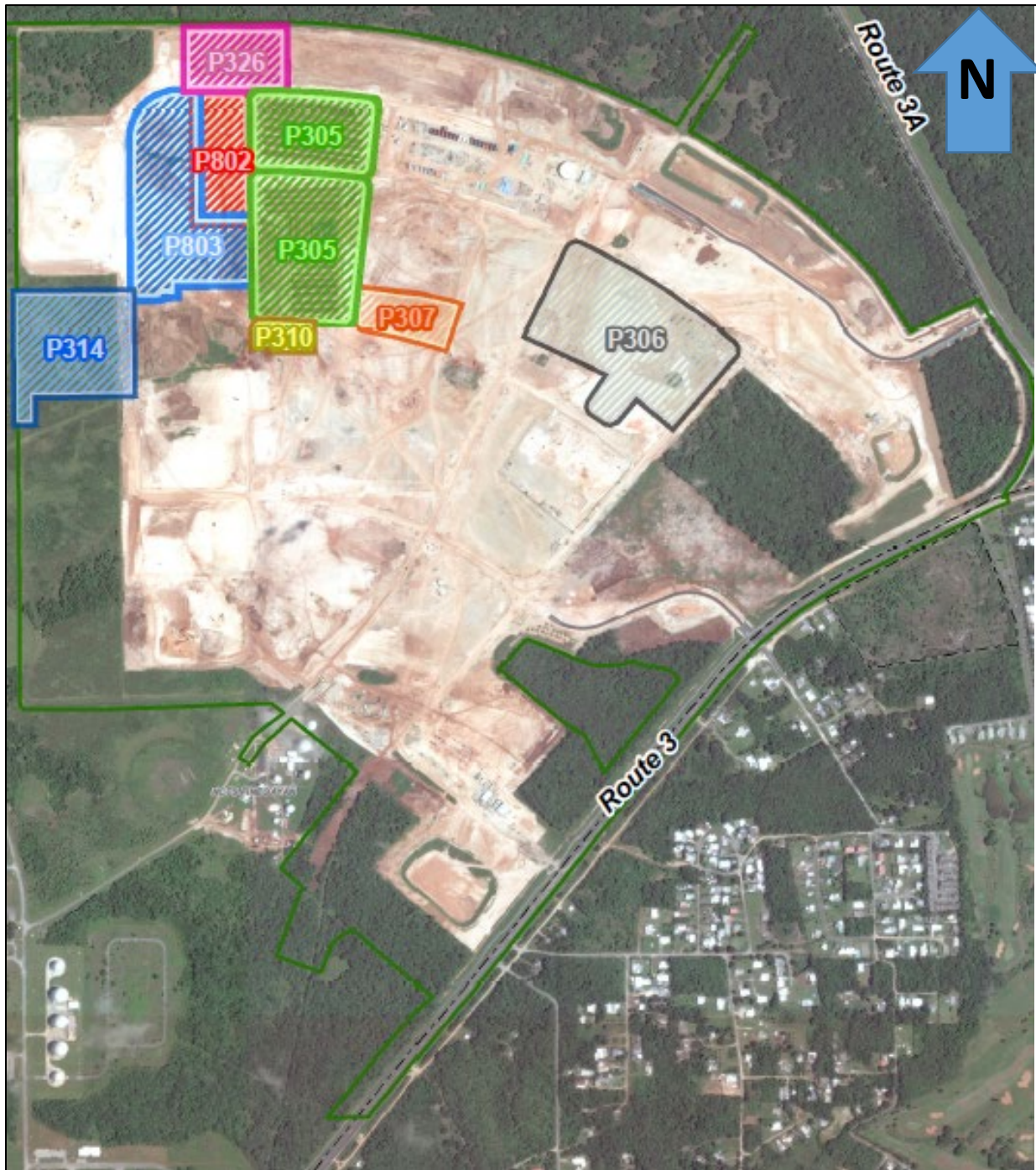


Location of P-311, P-312, P-317; P-804





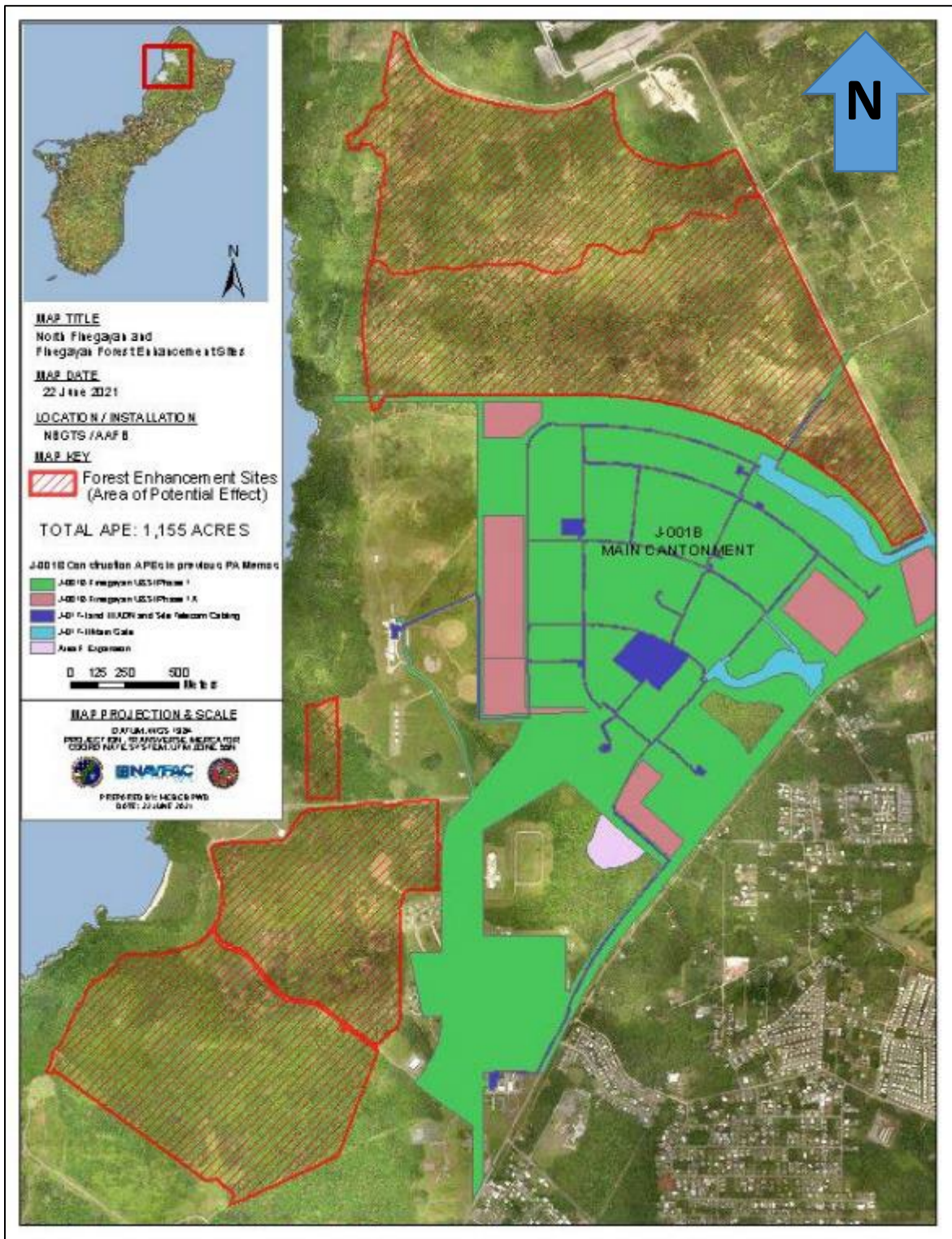
Location of P-304, P-306, P-307, P-310, P-314, P-326, P-802, P-803



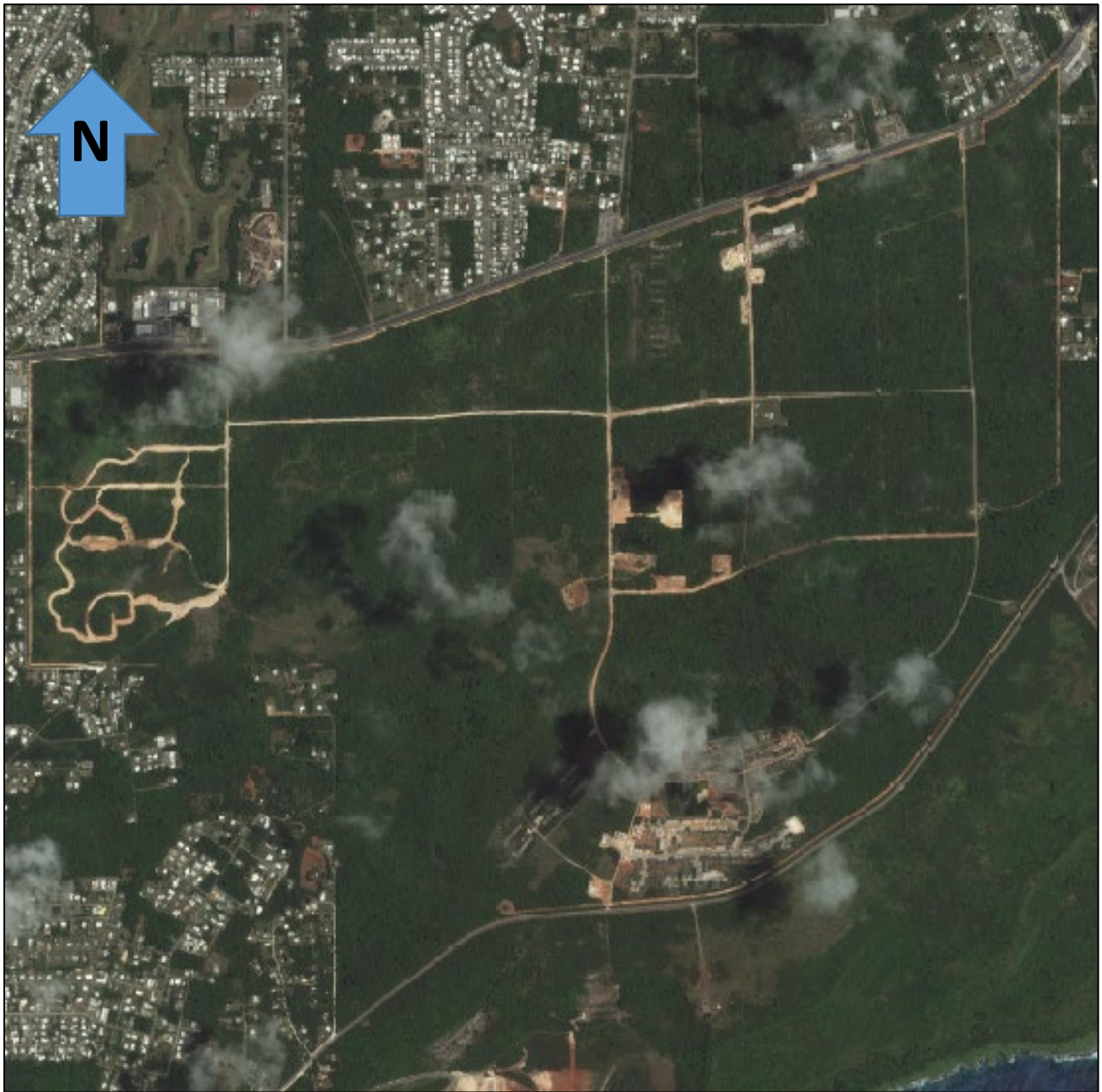
Location of P-187 Brown Tree Snake Exclusion Barrier South (East of Haputo Rd. Loop)



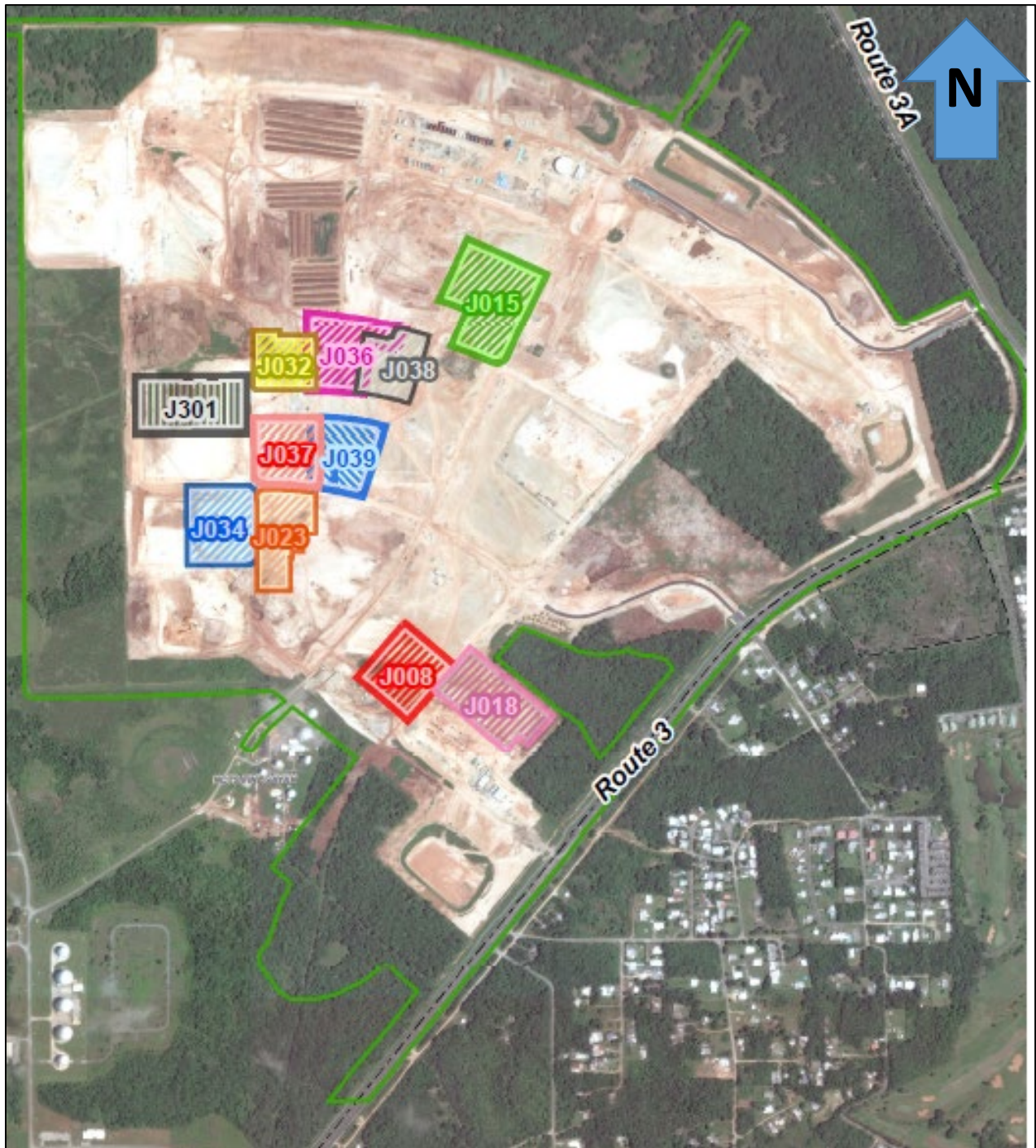
### Location of Forest Enhancement Sites



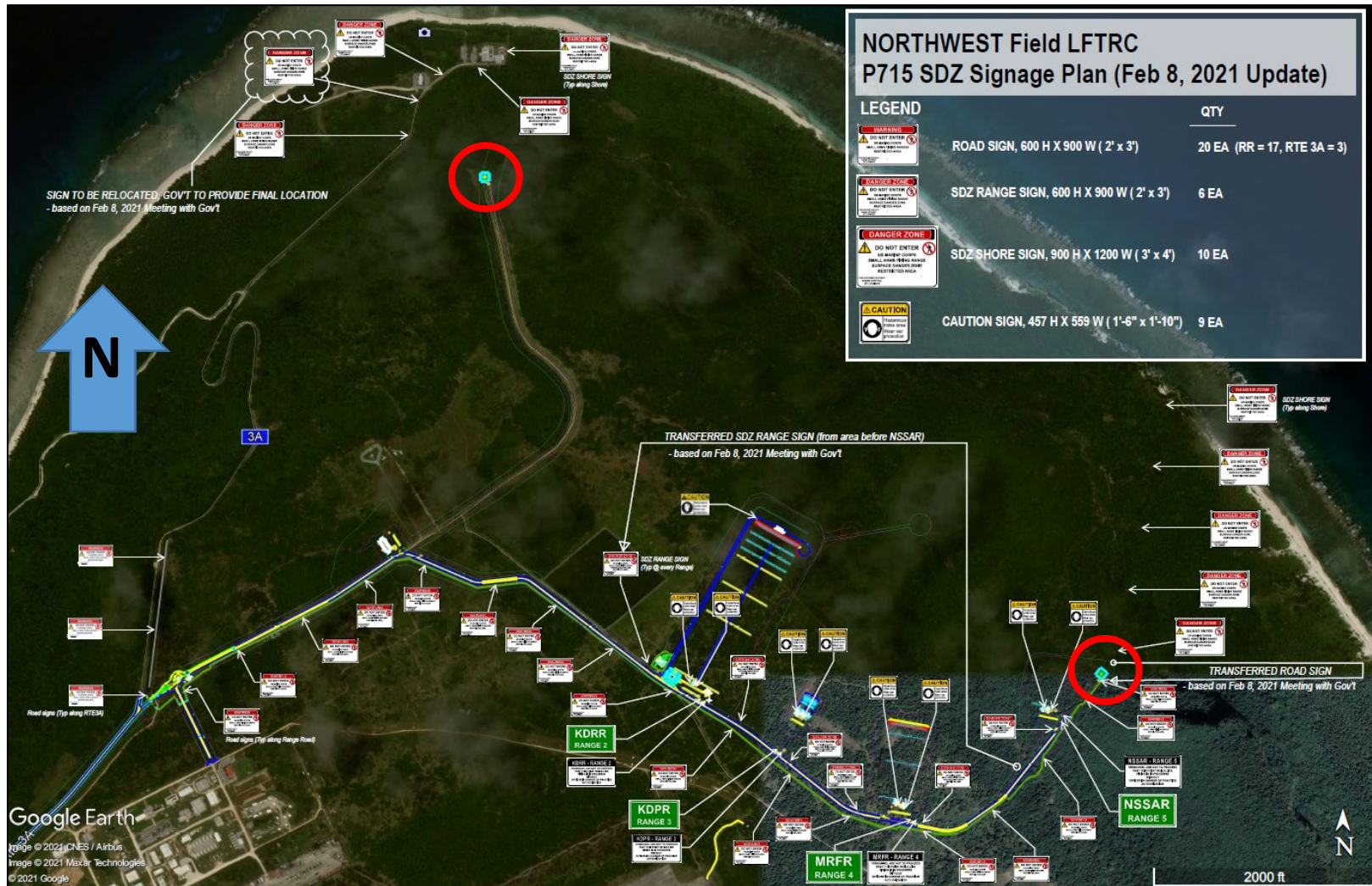
**Andersen South Operations Area includes all of Andersen South  
Cleared Roads were previously consulted on under J-755 Construction.**



Location of J-008, J-015, J-018, J-023, J-032, J-034, J-036, J-037, J-038, J-039, J-301

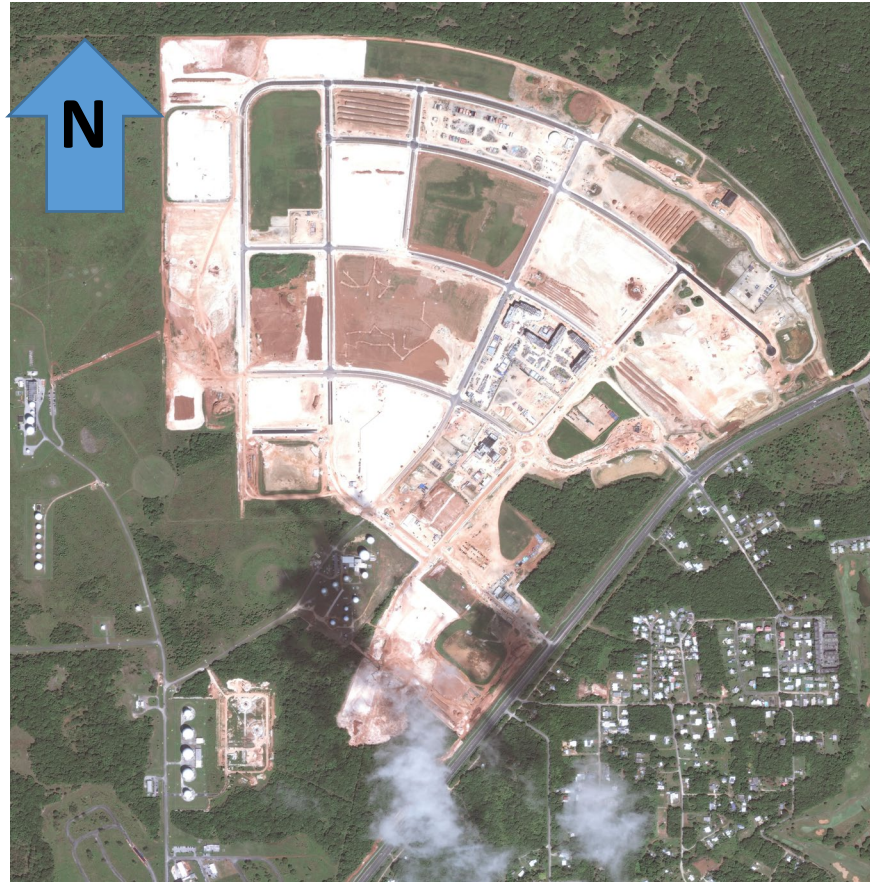


Location of P-715 Flag/Signal Lighting (Red Circles) and Signage, Marine Corps Base Camp Blaz



**Section VI. Include maps showing the project areas and DoD project numbers, as well as any portions of the APE where sensitivity designations have been changed as a result of further identification and evaluation efforts.**

**J-001B Utilities and Site Improvements, N. Finegayan, Marine Corps Base Camp Blaz  
(Image dated 1/13/2021)**





P-715 Live Fire Training Range Complex, Marine Corps Base Camp Blaz



## J-755 Urban Combat Training Range Complex (formerly Andersen South), Marine Corps Base Camp Blaz



The footprint of each of these projects was cleared and graded under observation by archaeological monitors required by resolution agreements between Navy and Guam SHPO. Monitoring construction resulted in additional discoveries of archaeological resources and human remains. Grading, typically to bedrock and construction within these project areas has reduced the potential for discovery of additional sites or remains to near zero (with the exception of locations where human remains were preserved in place), but the data collected from the investigations has provided important information about what may lie in surrounding areas. This information is important for increasing knowledge and awareness of the potential presence of archaeological resources surrounding each of these projects and the knowledge gained will inform future archaeological investigations and will be considered regarding archaeological sensitivity of the land around each of these project locations and may affect methods employed by future investigations in the surrounding areas.

**Section VII. Results of all dispute resolution efforts under Stipulation XIII.**

**2018 JRM-SHPO Stipulation XIII Resolution for J-001B, P-715, J-755 and P-103**

*Note: Although this information was previously reported, the information will be kept in this section for ongoing reference.*

- 5/24/2018: Dispute resolution was initiated by SHPO at the May 24, 2018 Annual Workshop and a resolution was reached July 2, 2018. This action was described in a previous semi-annual report. In resolving the dispute, DON agreed:
  - To include all historic contexts in future reports (even when historic properties from the different historic periods are not represented in the report),
  - To improve quality control to produce better reports,
  - To work with the SHPO to develop alternate archaeological survey standards that are appropriate for Guam and
  - To provide at least two archaeological technicians to monitor four horizontal projects: J- 001B, P-715, J-755, and P-103. Monitors will inspect initial ground disturbance (initial stump removal, dozing and grading activities).
- Monitors working under the provisions of the 2018 Dispute Resolution Agreement have discovered previously undocumented areas requiring investigation and human remains in P- 715, P-755, and in J-001B. See Appendices A and B for a summary of discoveries.
- Based on those discoveries, DON contracted for a synthesis of information regarding site discoveries and isolated finds in P-715 and J-001B (work in J-755 had not yet started at the time of the study).
- The study produced a multi-volume report with information for use in modelling potential site locations on the northern plateau.
- DON used the synthesis plus information comparing the geology of P735 with that of P-715 to develop a plan for further investigations in P-735.
- 1/21/2021 PA Memo # 1 for J-001B (Area F) expansion was submitted to SHPO. Area F expansion is within the scope of J-001B and is therefore covered by the conditions of the July 2018 Stipulation XIII agreement.
- 2/26/2021 revised PA Memo # 1 for J-001B Area F expansion was submitted to SHPO indicating an increase in the Area of Potential Effect from 5.4 acres to 9.8 acres.

### 2020 Stipulation XIII JRM-SHPO Resolution for P-735

- 7/30/20: SHPO presented a second dispute, which was critical of the data presented in the TRRA and demanded a re-survey of P-735.
  - DON was already considering additional pre-construction investigations in P- 735, based on data from the synthesis of data from P-715 and J-001B.
- 8/20/20: The first formal meeting, which included PA Parties, was held.
  - Due to COVID restrictions on gatherings and Guam quarantine requirements for those arriving on the island, the meeting was a video conference, initially establishing SHPO and DON positions.
- Two small group meetings were held prior to the next formal meeting. During the small group meetings, it became clear that our positions were not far apart.
  - Conduct a supplemental investigation, termed a re-survey by SHPO, in P-735 prior to construction, with monitoring during construction.
  - Pre-construction investigations would consist of pedestrian survey along ca. 10 meter parallel transects in the northern karst portion of the range. Opportunistic shovel testing would occur in soil areas if present.
  - The southern portion of the range, consisting of cobbly loam, would undergo shovel testing on a 15 meter grid.
  - Any indications of presence of a potential site, whether surface observations or shovel test results, would be marked in the field and recorded by GPS.
  - Discoveries would be further investigated with close-interval shovel tests.
  - Data recovery would follow for NRHP-eligible sites that could not be avoided.
- 9/3/2020: Second formal meeting was held; discussions focused on the following:
  - Work plan to be more of a research design than citing methods
  - Report to include updated background information
  - Required interface between MEC Technicians and Archaeologists
  - Request for interpretive signage at Route 3A overlook area
  - Notifications of discoveries to SHPO and ACHP
- Conference call between MCBCB and SHPO followed the formal meeting
- Draft resolution letter was provided to SHPO by email for review prior to

briefing leadership.

- 9/13/2020: End of 45 day consultation
- 9/18/2020: SHPO confirmed reaching agreement-in-principle, MCBCB routed draft agreement for COL Magrath endorsement and RDML Menoni signature.
- 10/16/20: RDML Menoni signed agreement submitted for SHPO signature.
- 10/30/20: Acting SHPO Ms. Carlotta Leon Guerrero signed resolution agreement.
- 11/17/2020: Submittal of draft work plan to SHPO by MCBCB
- 01/20/2021: SHPO response and comments on draft work plan received by MCBCB
- 03/16/2021: Submittal of final work plan to SHPO by MCBCB: *Archaeological Re-Survey, Discovery and Monitoring Plan in support of MILCON P-735 Multi-Purpose Machine Gun Range, Andersen Air Force Base, Yigo, Guam*

**Section VIII. Provide summary data about public access from the Public Access Plan.**

The Public Access Plan was suspended for COVID during the reporting period.

## Miscellaneous Items: Work Plans and Design Reviews Anticipated During Next Reporting Period

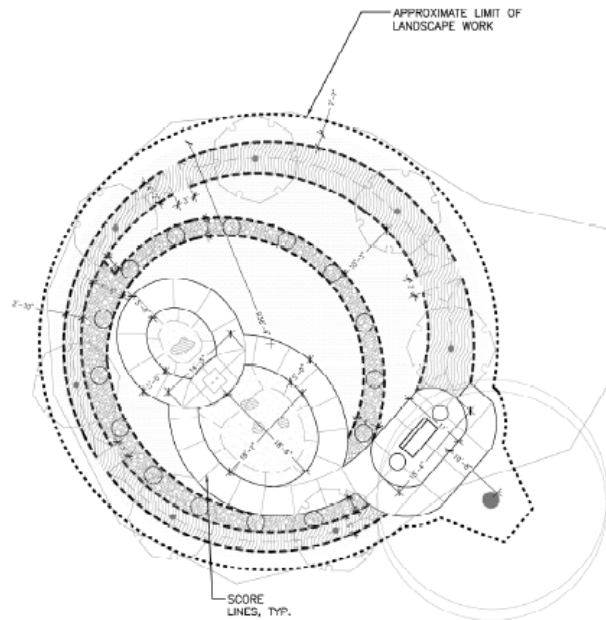
### J-001B-HR-1 Monument (design and work plan review)

The work plan covers all work related to landscaping and construction of new burial vault and memorial monument. Structures such as the walkway and crypt (vault) include formworks, reinforcement placement, casting of concrete monuments, backfilling, compaction, and casting of concrete pavements.

- 6/18/20: Consultation with SHPO regarding the treatment of burials discovered at HR-1 within J-001B Data Recovery Area 2.
- 4/16/2021: Proposed design for memorial area and monuments submitted to SHPO. Comments due by 4/30/2021.
- The memorial display at HR1 has since been completed. More detail will be included in next reporting period.

### Burial Monument J-001B HR-1

#### J-001B HR-1 MEMORIAL MONUMENT DESIGN AND PLAQUES



### I SENGSONG MĀGUA'

Manhāga i taotao tano' giya Māgua' antes di Tiempon Latte' asta i Tiempon Reduccion gi i titalu na sakkan siha gi 1600's.


The prehistoric settlement of Māgua' was inhabited during the Latte' Period until Spanish arrival and imposition of the "Reduccion" during the late 1600's.

Manhāga i taotao tano' i Man'CHamoru, gi dikike' na guma' siha ni mapo' lo gi sanhilo' i inatituyen acho' latte. I acho' latte, guaha dos na patte' i halgi yan iase. Chāhan siha, lusong siha yan ramentan acho' yan hima sesso mammasodda' gi i otayan guma' latte siha.

The CHamoru people lived in small houses that stood on parallel rows of Latte' or stone columns, consisting of halgi (shafts) and lasa (capstones). Common around Latte' houses are Chāhan (earth ovens), lusongs (grinding stones), and stone and shell tools.

Permanente na fanhassuyan i estorian Māgua' pot i sikifikasion-na kulturā para i tano' este.

The story of Māgua' is a permanent reminder of the enduring cultural significance of this place.



### I NAFTAN I TAOTAO SABĀNAN FADANG YAN MĀGUA'

Mandekikansa i matai taotao tano' guini ginen i sengsong Sabānan Fadang yan Māgua' nai manna ih'la' ya mamina latte' na siha para más ki un mii na sakkan.

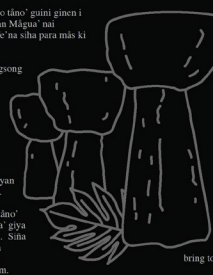
Here lie remains of CHamoru people from prehistoric settlements of Sabānan Fadang and Māgua', where they lived and thrived for over a thousand years.

Dos gi halom meggai na songsong anigai i sengsong este ni manggaige gi i halom tano' gi i lagu na Sabānan Guāhan. Hassan masodda' to lang siha gi i lugat este' si' mifira yan tankala i tano' 'ya didide' na pirinteli kontra i ginen i cho' cho' gi lancho siha, i Tiempon Gera yan komtraktsion despues di gera.

These inland settlements are two of the many prehistoric CHamoru settlements that existed on the Northern Plateau. Discoveries of skeletal remains in this area are rare. Thin porous soils provided little protection from disturbance caused by lincho farming, the conflict during World War II, and military post-war recovery and reconstruction of Guam.

Gaige i to lang siha i taotao tano' gi nafan este ni mammasodda' giya Sabānan Fadang yan Māgua'. Sina mapega lokku' guini otro na to lang ni' masodda'. Sina o fande-lansa siha gi minageem.

This crypt contains skeletal remains from Sabānan Fadang and Māgua' and will serve to respectfully bring to final rest other remains discovered in the future. May They Rest in Peace.



### I FANHAFUTAN I SENGSONG SABĀNAN FADANG

Gaige i naftan-niha i taotao tano', i Man'CHamoru, ginen Sabānan Fadang guini. Esta humanano i sengsong i Sabāna Fadang ginen i Tiempon Latte' (kasi AD 800 asta 1521) asta 1914. Manmachengle i naftan este gi guini ni minageem yan pekka'.

Present before us are graves of indigenous CHamoru people from Sabānan Fadang, a pre-contact settlement inhabited starting in the Latte' Period, AD 800–1521, and continuing through 1914. The burials, consisting of individuals of different ages, are preserved in place, in peace and dignity.

Gi i Tiempon Latte', aridedot i halom tano' yan sabaneta giya Sabānan Fadang. Duranten i ha'ane gaige dandan/kantan pāharu gi aire ya gi pineddong somnak manggupu i fanih siha. I chāhan siha, empe' tinaha yan ramentan acho' yan hima ha' ayuda sumagani hit ni estorian lina'la' giya Sabānan Fadang yan giya Māgua' un sengsong gi uriya. Mana' chetton i sengsong antigon siha giya i lagu na bāndan Guāhan para otro na songsong siha gi i kanton tasi, taiguini iya Haputo ni' i chalan ladera siha.

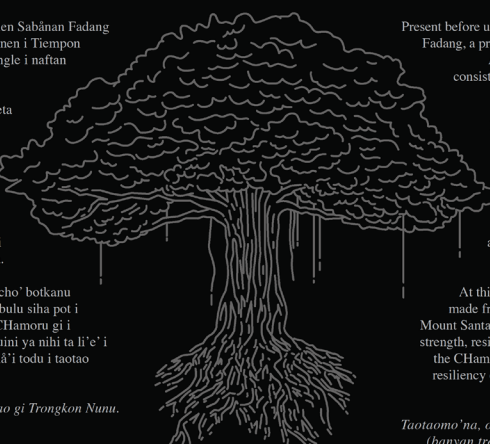
During the Latte' Period, Sabānan Fadang was surrounded by limestone forests with areas of open grassland and low shrubs. Sounds of native birds filled the air during the day and at dusk fruit bats took flight. Archaeological discoveries of fire pits for cooking, broken ceramic vessels, and shell and stone tools help tell the story of ancient life in Sabānan Fadang and nearby Māgua'. These ancient settlements on the Northern Plateau were linked by cliff trails to larger coastal villages such as Haputo.

Gaige lusong siha gi i mimurāt este ni mafa' tinas ni acho' botkanu ginen hāya' Guāhan yan Sabānan Santa Rosa. Un simbula siha pot i minetgot, i tinemtom, i minsegon yan i inafa' maolek CHamoru gi i tano'. Nih i ta hasso i taotao mo' na ni mammaigo' guini ya nih i ta li'e' i minatatngan yan i minesgon i Man'CHamoru ni manna' i tod i taotao Guāhan i ma'ok na kotturan CHamoru.

At this memorial ground are ancient lusongs (grinding mortars) made from volcanic rock found mostly on southern Guam, and at Mount Santa Rosa. These objects are a symbol of CHamoru ingenuity, strength, resilience, and stewardship of their domain. Let us remember the CHamoru ancestors that rest here and recognize the courage and resiliency of the CHamoru people, who bequeathed to all of Guam's children an enduring cultural heritage.

*Mañāsaga i Taotao mo'na, pat I manmofo' na na taotao gi Trongkon Nunu. Babao i anten i mañaina i Trongkon Nunu.*

*Taotao mo'na, or those who come before, reside in the Trongkon Nunu (banyan tree), a symbol of the ancestral spirits this place honors.*



**Progress Photo of Work: Monument with plaque, flanked by lusong, tree planting, the infinity path with grassy mounds and portions of the river rock oval are visible in the photo**



## **APPENDICES**

**APPENDIX A: TABLE OF DISCOVERIES OF HUMAN SKELETAL REMAINS**

**APPENDIX B: TABLE OF ARCHAEOLOGICAL SITE DISCOVERIES (POTENTIAL HISTORIC PROPERTIES)**

**UPDATED APPENDIX E OF 2011 PA (SEPARATE DOCUMENT)**



**APPENDIX A: TABLE OF DISCOVERIES OF HUMAN SKELETAL REMAINS**

<b>DATE</b>	<b>DISCOVERY NUMBER (Project-HR#)</b>	<b>DESCRIPTION UPON DISCOVERY</b> <i>Note: All discoveries are flagged/fenced, notifications are sent to appropriate authorities, with construction paused on in the immediate vicinity of the find (construction work continues elsewhere).</i>
10/7/2013	P-103-HR1	In-situ human remains were discovered in burial context during shovel testing, exposed in effort to determine age and ethnicity in consultation with SHPO, but not removed, preserved in place. Determined to be Latte Period adult.
10/7/2013	P-103-HR2	Disarticulated human skeletal remains (tarsals) were encountered during shovel testing near HR-1, test was expanded in effort to determine if other bones were present but no other bones were found. Bones were reburied where found per consultation with SHPO.
10/7/2013	P-103-HR3	Human skeletal remains (adult Latte Period individual of moderate stature) were discovered in burial context during shovel testing. Consultations with SHPO resulted in reburial without removal.
10/7/2013	P-103-HR4	Fragmentary remains of adult Latte Period individual were discovered during shovel testing. Remains were buried in place per consultation with SHPO.
9/20/2019	P-715-HR1	Splintered fragments of human humerus, disturbed context of cleared area. Initial screening for preliminary investigation concurred on by SHPO to be performed by P-715 sub-contractor archaeological firm (in scope under data recovery mod). Preliminary investigation identified 22 fragments of HSR in 1 x 1 meter unit. HSR included cranial fragments, mandible fragment and two teeth.
9/26/2019	P-715-HR2	Splintered fragments of human ilium and fibula, disturbed context of cleared area.
10/2/2019	P-715-HR3 and P-715-HR4	Two splintered fragments of human tibia, disturbed context of cleared area within same recovery area.
10/11/2019	P-715-HR5	Grid AU106: 26 fragments of HSR found, majority cranial fragments with femur and other long bones
10/15/2019	P-715-HR6	Grid AM116: three long bone fragments
10/29/2019	P-715-HR7	Grid AS112: two long bone fragments
10/29/2019	P-715-HR8	Grid AS 110: cranial and long bone fragments, teeth
11/15/2019	P-715-HR9	P-715-005B: 2 cm x 2 cm cranial vault fragment with smaller related pieces
3/19/2019	J-006-HR1	Fragment of human femur discovered in fill.

DATE	DISCOVERY NUMBER (Project-HR#)	DESCRIPTION UPON DISCOVERY <i>Note: All discoveries are flagged/fenced, notifications are sent to appropriate authorities, with construction paused on in the immediate vicinity of the find (construction work continues elsewhere).</i>
4/1/2019	J-006-HR2	Fragment of human clavicle discovered in fill.
4/16/2019	J-006-HR3	Human femur fragment discovered in fill.
5/9/2019	J-006-HR4	Human long bone fragment discovered in fill.
8/14/2016	J-001B Site 2307	EU1/F1: Field discovery of fragment of human clavicle.
01/2017	J-001B-site 2303 Initial investigations	Laboratory Analysis Determinations Surface collection: adult frontal bone (1 fragment) Trench 1, F26: adult forearm and humerus fragments (3 fragments) Trench 3, F27: long bone shaft fragment (1 fragment)
01/2017	J-001B-site 2305 initial investigation	Laboratory Analysis Determinations F6: Forearm and humerus fragments (3 fragments)
01/2017	J-001B-Site 2308 initial investigation (found in lab)	Laboratory Analysis Determinations F1: Adult human long bone fragments (19 fragments)
1/9/2020	J-001B-HR1	Incised tooth was discovered during data recovery in discovery area J- 001B-002. Tooth was found in Grid AG26. Discovery triggered further investigations per procedure agreed upon in consultation with SHPO. The agreed upon standard operating procedures (SOPs) consists of an investigation of a 25 square meter grid (minimum) around the discovery. The grid is expanded as required to demonstrate 2 meters of negative 1 x 1 units in all directions around every discovery. Through these SOPs additional discoveries were made (see below).
3/9/2020	J-001B-HR2	Grid Q20, within 66-08-2303: cranial fragments, fragments of long bones tentatively identified as radius and ulna.
3/25/2020	J-001B-HR3	Within 66-08-2303: single small fragment of human cranium on graded Surface
5/29/2020	J-001B-HR1-BR1	While following the SOPs, the archaeologists encountered an in-situ burial. This was designated as Burial 1. Consultation with SHPO resulted in concurrence to expose, but not remove the remains in an effort to determine age and ethnicity. The mostly intact skeleton was on its back in extended position with the skull approximately toward the south. However, the skull was not present. It had been removed and replaced with a ceramic vessel dating to the Latte Period. The practice of removing the skull and placing an object, typically a stone or vessel, in its place is a Latte Period tradition.

DATE	DISCOVERY NUMBER (Project-HR#)	DESCRIPTION UPON DISCOVERY <i>Note: All discoveries are flagged/fenced, notifications are sent to appropriate authorities, with construction paused on in the immediate vicinity of the find (construction work continues elsewhere).</i>
6/4/2020	J-001B-HR4	Grid N19, Data recovery area J-001B-003: single small fragment of human cranium on graded surface.
6/23/2020	J-001B-HR5	Human ulna fragment found in Grid Q17 within 66-08-2303 (Magua Settlement Site).
7/15/2020	J-001B-HR1-BR2 and BR3	Archaeologists had discovered a pit feature that contained fragments of human bone. Preliminary investigation of the feature determined that it is a pit containing possibly more than one individual that includes a partially in situ juvenile skeleton and a skull. This was designated as Burial 2. Archaeologists encountered an additional set of skeletal remains east of Burial 1 and Burial 2. This set was designated as Burial 3. While the some remains appear articulated it is unclear how many individuals are in Burials 2 and 2. These remains appear partially disturbed, however, they are believed to be related to their original burial context.
7/17/2020	J-001B-HR1-BR4	Archaeologists discovered additional human skeletal remains in a disturbed context located a few meters north of Burial 3. The remains are incomplete and it is unclear at this time how many individuals are present. These remains are believed to represent a disturbed burial due to their proximity to Burials 1-3. This was designated as Burial 4. SHPO visited the site on July 24, 2020.
8/10/2020	J-001B-HR6	Human femur fragment found in Grid AH21, located in Area E
8/18/2020	J-001B-HR7	Human cranium fragment found in Grid AF22, located in Area E
8/21/2020	J-001B-HR8	Human tooth found in Grid AE22, located in Area E
9/29/2020	J-001B-HR9	Femur fragment at Area E.
12/29/20 Confirmed as HSR 1/4/21	J-001B-HR10	Single bone fragment on surface within ungulate fence corridor. Following notification, archaeological investigation (underway as of 3/26/21) has discovered additional fragments in the area.
2/4/2021	J-001B-HR1	Additional human skeletal remains were discovered in a non-burial context while monitoring work for the Sabanan Fadang burial monument.
4/16/2021	J-001B-HR11	Human skeletal remains discovered in a non-burial context. Remains were discovered in a couple of MEC anomaly investigation pits in Area D. The first pit contains a midshaft of a long bone and other smaller fragments. The second pit contains a partial mandible with two intact molars.
5/17/2021	J-001B-HR12	Human skeletal remains discovered in a non-burial context. Remains consisted of human cranium fragments in Area D.
5/25/2021	J-001B-HR13	Human skeletal remains discovered in a non-burial context. Remains consisted of approximately 20 small fragments of human bone (humerus) in Area D.
6/1/2021	J-001B-HR14 and HR-15	Human skeletal remains discovered in a non-burial context in Area D. HR14 consists of three small human bone fragments, including an intermediate phalange and HR15 consists of a medial femur

DATE	DISCOVERY NUMBER (Project-HR#)	DESCRIPTION UPON DISCOVERY <i>Note: All discoveries are flagged/fenced, notifications are sent to appropriate authorities, with construction paused on in the immediate vicinity of the find (construction work continues elsewhere).</i>
		fragment.
6/22/2021	J-001B-HR16, HR-17, and HR-18	Human skeletal remains discovered in a non-burial context in Area D. HR-16 consists of multiple cranial fragments discovered in back-dirt from ordnance investigation. HR-17 is a human tibia midshaft fragment and HR-18 is a small human fibula midshaft fragment.
6/29/2021	J-001B-HR19, HR20, and HR21	Human skeletal remains discovered in a non-burial context in Area D. HR-19 consists of an incisor fragment, HR-20 consists of indeterminate bone and foot phalange, and HR-21 consists of a molar and phalange fragment.
6/30/2021	J-001B-HR11	Japanese Consulate informed that the remains at HR-11 are believed to be a Japanese war casualty.
5/15/2020	J-755-HR-1	Human skeletal remain fragments identified in Discovery Area J-755-006. Remains consist of two cranium fragments, two long bone fragments (possibly radius), one mandible fragment, and three unidentifiable fragments.
11/5/2020	J-755-HR2	HSR consisting of scapula and femur fragments at CVOC area. Disturbed context.
1/6/2021	J-755-HR3	Human bone fragments consisting of patellae, scapula, rib, phalange, and 20 small unidentified fragments.
1/13/2021	J-755-HR4	Approximately 25 fragments of human skeletal remains discovered during data recovery investigations Discovery Area J-755-006 (Area 6)
3/15/2021	J-755-HR5	Human skeletal remains discovered in a non-burial context. Remains consisted of two cranium fragments, two long bone fragments (possibly radius), one mandible fragment, and three unidentifiable fragments.

**APPENDIX B: TABLE OF ARCHAEOLOGICAL SITE DISCOVERIES (POTENTIAL HISTORIC PROPERTIES)**

DATE	DISCOVERY (AREA) NUMBER	POTENTIAL ARCHAEOLOGICAL AREA, DESCRIPTION UPON DISCOVERY <i>Note: All discoveries are flagged/fenced, notifications are sent to appropriate authorities, with construction paused on in the immediate vicinity of the archaeological find (construction work continues elsewhere).</i>
3/19/2019	P-715-001	Surface scatter of Latte Period ceramics at NE corner of KDRR discovered during pre-clearing recon of area
5/8/2019	P-715-002	Ca. 400 Latte Period ceramic sherds in stump pull in SE corner of KDRR near a previously data recovered site
6/3/2019	P-715-003	Large surface artifact scatter running SW to NE across KDRR
6/12/2019	P-715-004	Small area with artifact scatter, including lusong (mortar) and 100+ ceramic sherds located in the range road between pistol range and MRFR
7/16/2019	P-715-005	Latte Period ceramic scatter including rim sherds, an extension of a previously data recovered site 66-08-2530 in MRFR
7/29/2019	P-715 Areas 5A and 5B	Areas in SE and SW sides of MRFR. Variety of surface artifacts and dark stains assumed to be indications of subsurface cooking pits
10/15/2019	P-715-006	Possible fire feature, later ruled out.
12/5/2018	J-001B-001	Archaeological surface scatter and possible cooking pits
1/21/2019	J-001B-002	Archaeological surface scatter, stone tools, ceramics suggest potential prehistoric habitation site. Presence of late 19th century bottles and ceramics
5/23/2019	J-001B-003	Immediately adjacent to north and east boundaries of 66-08-2303 (Magua Settlement Site) and are almost certainly part of that sites. Features (probable cooking pits) are visible in both areas.
5/29/2019	J-001B-004	
6/3/2019	J-001B-005	Dark soil feature (possible cooking pit) located some distance east and north of 66-08-2303; not geographically part of the Magua site. Included in notification to SHPO for 003 and 004.
7/18/2019	J-001B-006	Latte Period ceramic scatter, lithics (stone tools), fire affected soil, metal, glass, boot sole and boar tooth. Geographically distant and north of 66-08-2303.
8/18/2019	J-001B-007	Latte Period ceramics, lithics and fire affected soil (probable indicators of cooking pits). Located between 66-08-2303 and Discovery Area J-001B-006.
10/2/2019	J-001B-008	Latte Period ceramics, lithics, and fire affected soil. Modern glass present on surface.
6/1/2020	J-001B-009	Area E, surface scatter of 50+ latte ceramic sherds, a broken lusong, marine shell (tridacna) and volcanic stone fragments
8/19/2020	J-001B-010	Surface artifact scatter and three soil stains with fire affected limestone pebbles in an area approximately 30 x 80 meters in Area E.

3/31/2021	J-001B-011	More than 20 features within an area of approximately 100 x 150 meters in the western portion of Area D. Several of the features are black soil stains that contain burned coconut shell, fire affected limestone pebbles, and surface artifact scatters.
3/19/2020	J-755-001	Latte Period ceramics, stone tools, slingstone in Convoy Vehicle Operator Course (CVOC) at western end of Andy South
3/25/2020	J-755-002	100+ ceramic sherds in 100 X 20 meter part of perimeter fence corridor in southern Andy South
4/2/2020	J-755-003	Latte Period ceramic scatter and surface stain that may represent combustion feature (CVOC)
5/1/2020	J-755-004	30-40 ceramic sherds, slingstone, pestle and indeterminate lithic fragments (CVOC)
5/4/2020	J-755-005	Latte Period ceramics, slingstone, stone tool fragments, possible latte elements (CVOC)
5/15/2020	J-755-006	Ca. 90 ceramic sherds, two slingstones, groundstone fragment, two features, faunal and human bone (HSR)
5/19/2020	J-755-007	Ca. 50 ceramic sherds, groundstone fragments, slingstone, marine shell (CVOC)
5/28/2020	J-755-008	Latte ceramics, ground stone fragment and soil stain (CVOC)
6/4/2020	J-755-009	30+ ceramic sherds, ground stone fragments, marine shell, flaked stone tool, soil stain (CVOC)
6/10/2020	J-755-010	Dark soil stains, possible lusong fragment, ground stone tool fragments and ca. 30 ceramic sherds (CVOC)
6/10/2020	J-755-011	25+ ceramic sherds, three soil stains (possible features), ground stone tool fragment and marine shell (possible worked tridacna shell) (CVOC)
7/14/2020	J-755-012	Surface scatter of 80-100 ceramic sherds, 7 groundstone tools or fragments and three soil stains (potential features) were found in an 80 x 120 meter area at the SE edge of the hand grenade range.
8/20/2020	J-755-013	Surface scatter of ceramics and lithics in an area 45 x 75 meters (CVOC)
12/15/2020	J-755-014	Potential site 15 meters by 20 meters in area and consisting of a surface scatter of Latte Period ceramics and marine shell with lithic tool fragments.
6/4/2021	J-755-015	Surface scatter of multiple artifact classes and at least four soil stain features in an area approximately 50 meters by 20 meters located in the western portion of Andersen South, south of the CVOC.
6/22/2021	J-755-016	Surface scatter of multiple artifact classes and two thermal features in an area approximately 40 meters by 20 meters located along the perimeter fence corridor in the western portion of Andersen South, south of the CVOC.

**UPDATED APPENDIX E OF 2011 PA (SEPARATE DOCUMENT)**