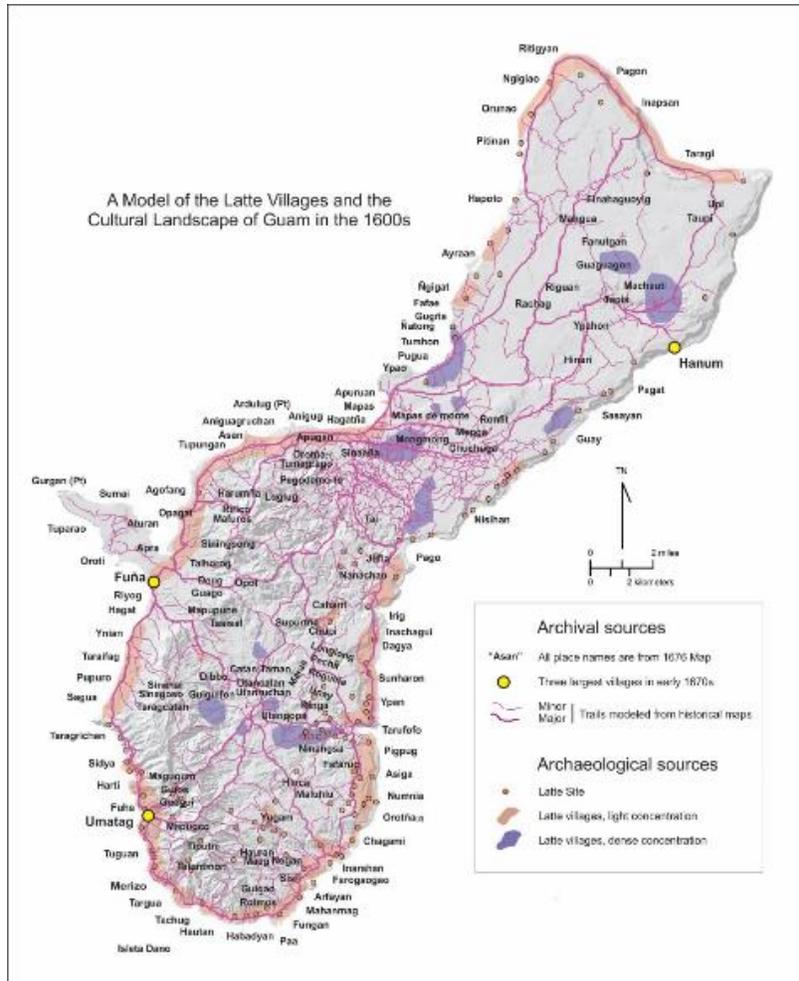


Military Relocation Programmatic Agreement Semi-Annual Report July 1, 2020 – December 31, 2020



Map Source: 2018 Guam Synthesis prepared by the Department of the Navy in compliance with Stipulation VII.C.2 of the 2011 Programmatic Agreement

July 2021

Note that due to the date of distribution, this report includes information about consultations that continued into the following reporting period.

Prepared by:

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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.

J-609 Embarkation at Apra Design (RC# Pending)
<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. The Department of the Navy (DON) determination for this project is <u>No Historic Properties Affected</u>.</p> <ul style="list-style-type: none"> • No State Historic Preservation Office (SHPO) comments were received on this PA Memo.

P-311, P-312, P-317, and P-804 Multiple Vertical Projects
<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 Camp Blaz (MCBCB) 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 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</p>

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.

P-715 SDZ Lighting and Signs

Project will install lights and signage at multiple location in and around the Live Fire Training Range Complex at NW Field Andersen AFB, Guam.

- 3/5/2021: Design review submitted with comment period ending in May 4, 2021 (60 day review).
 - 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 (1st 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 comment period ending in May 14, 2021.
 - 4/26/2021: Guam SHPO concurs with DON determination of **No Historic Properties Affected.**

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.

J-001B Utilities and Site Improvements, Finegayan (RC 2014-0625)

- 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 July 2020 and June 2021, fifteen discoveries of fragmentary human skeletal remains (HR-6 to HR-21) and three archaeological site discoveries (Area 9, Area 10, Area 11) were documented (See Appendices B and C for more details). Each discovery was reported to SHPO, and in the case of potential sites, was also reported to Advisory Council on Historic Preservation.
- 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 C for details regarding burials in HR-1).
- 6/2/20: An archaeological site discovery in Area E (Discovery #9) was reported to SHPO and ACHP per standard procedure on June 4, 2020. Note that Area E is located immediately north of the future main gate. Area E was one of four J-001B project areas consulted on in a PA Memo that added ca. 75 acres in four small tracts, dated 11/17/17. Archaeological monitors, working under provisions of the 2018 Dispute Resolution Agreement, have been present in the area during initial ground disturbance. Information about discoveries in Area E are included in tables in Appendices B and C.
- 6/16/20: SHPO responded to notification of Discovery #9 (Area 9). SHPO commented on the concise plan to resolve adverse effects. The topics raised included formatting, maps, photos, buffer size around potential sites, background history and need for info on packaging artifacts. These comments were considered by the Navy in its 7/22/2020 response prior to finalizing its work plan. Per Stipulation XI, DON notifications to SHPO must be submitted to SHPO and ACHP within 48 hours. DON provides a general plan for resolving adverse effects, which addresses the specific discovery and follows previously GSHPO reviewed plans provided under Stipulation VI.
- 8/19/2020: Discovery #10 was made in Area E and reported to SHPO and ACHP per Standard Operating Procedure (SOP).
- 9/15/2020: RDML Menoni signs the SHPO-proposed Burial Treatment Plan for the preservation-in-place of the Sabanan Fadang burials, the construction of a reinterment crypt and the installation of an interpretive sign in the vicinity of the Magua Settlement Site.
- 10/7/2020: End of fieldwork letter reports for Area 10 and HR-8 in Area 9 delivered to SHPO
- 10/23/2020: End of fieldwork letter reports for Area 9 and HR-9 in Area 9 delivered to SHPO
- 1/4/2021: DON notified SHPO regarding discovery of HR-10 in a non-burial context
- 2/3/2021: End of fieldwork letter report for HR-1 in Area 2 delivered to SHPO
- 2/10/2021: DON notified SHPO regarding discovery of additional human skeletal remains at HR1.
- 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 made the determination of **No Historic Properties Affected** by the expansion but remains subject to archaeological monitoring per 2018 agreement with SHPO (see Section III for more details).

J-006 Apra Medical/Dental Clinic (RC 2011-7959)

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 a north/south line parallel to a road and trenching in the dirt road adjacent to the Japanese Amphitheater, a stone wall and drainage features along the road.

- 6/27/20: Marine Corps Base Camp Blaz (MCBCB) received notification of commencement of utility work, which was subject to monitoring.
- MCBCB archaeologist responded, determined that installation of utilities along the N/S road consists of pulling utilities through an existing underground conduit.
- Most sensitive area, which involves trenching, is adjacent to the Japanese amphitheater. Excavation started on the east end (most distant from the amphitheater), but was halted when an old fuel line was encountered.
- MCBCB archaeologist observed more than 2 meters depth of fill in trench, with no visible base of fill. Also inspected trenching around laundromat (NBG sewer line project), also observed deep layered fill in trench walls along the sewer line.
- Spot checks will continue along road by amphitheater; most recent spot check was March 2021 with no changes noted.
- A report detailing observations will follow conclusion of trenching.

J-017 Area Distribution Nodes and Communication Lines 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 Historic Properties Affected**. 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 to SHPO comment in which DON response referenced a 7/24/2020 phone conversation in which DON stated that the response to SHPO comments on J-017-II Main and Commercial Gates addressed SHPO comments on J-017-1 and III ADNSTC PA Memo 1, as well. See comment on J-017-II below.

J-017-II Main Gate and Commercial Gate Design/Construction (RC2020-0605)

- 5/8/2020: PA Memo was delivered to SHPO and posted on CRI website 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. Comments included objection to the use of a place name, need for photograph of project areas, uncertainty of scope covered under the area of potential effect and disagreement over the start of the review period.

- 7/2/2020: Navy responded to SHPO comments on July 2, 2020, clarifying use of the place name, the practice of using satellite imagery rather than photographs and the applicability of monitoring in accordance with the 2018 agreement with the SHPO.

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 July 2020 and June 2021, four human skeletal remains discoveries (HR-2, HR-3, HR-4, and HR-5) and five archaeological site discoveries (Area 12, Area 13, Area 14 , Area 15 and Area 16) were documented (See Appendices A and B for more details). A partial burial was later found in HR-4 and is still undergoing investigations. Each discovery was reported to SHPO, and in the case of potential sites, was also reported to Advisory Council on Historic Preservation.
- With the exception of J-755-002/J-755-015/J-755-016, which were discovered in the perimeter fence corridor, and J-755-012, which was discovered in the hand grenade range, all discoveries to date have been made in the CVOC.
- The investigations within the CVOC follow a multi-phase effort:
 - First, determine each site extent beyond the narrow corridor in which it was discovered.
 - Next, determine whether the sites are connected and whether or not they are eligible for listing in the NRHP.
 - Next, determine whether it is possible to avoid eligible sites.
 - Eligible sites that cannot be avoided will be data recovered as stipulated by the 2011 PA. After data recovery, some parts of the recovered sites will be preserved in place if not subject to disturbance from construction.
- 6/16/2020: SHPO provided comments on DON notification of discovery Areas 8 and 9 in the CVOC, pointing out some “continuing issues” that were missed in a 5/14/2020 letter: Topics include mention of the areas within the notification, maps showing eligible and ineligible sites, photographs of the sites discovered, detail on shovel test interval and layout, manual removal of loose soil and consideration of site avoidance.
- 7/2/2020: DON responded to address the SHPO’s concerns regarding Area 8 and Area 9, indicating that requested detail will be coordinated in a future detailed work plan, efforts to include photos of sites, and consideration of manual material removal by the Principal Investigator (PI) if practicable.
- 7/28/2020: SHPO commented on DON notification regarding discovery of Area 10, Area 11, and Area 12. Topics were similar to comments on earlier discovery notifications.
- 8/17/2020: DON response to SHPO regarding notification of Area 10, Area 11, and Area 12. Some of their comments were actually addressed in a letter dated May 21, 2020 and July 1, 2020. DON response included statement that there were no recorded sites within the APE prior to construction. DON also stated that a full work plan will be submitted for coordination to address comment on methods.
- 8/31/2020: DON notified SHPO and ACHP regarding discovery of Area 13.

- 10/16/2020: SHPO commented on PAM # 3.
- 10/20/2020: DON provided the end of fieldwork report to the SHPO and provided notification that data recovery will be performed for all eligible sites at J-755; avoidance of latte features will be pursued.
- 10/28/2020: End of fieldwork letter report for Phase 1 (shovel testing) investigations of discoveries in the CVOC delivered to SHPO (per 2018 Stipulation XIII Resolution Agreement)
- 11/8/2020: SHPO responded regarding PAM #2.
- 11/13/2020: DON notified SHPO regarding discovery of HR-2 in a non-burial context within the CVOC
- 12/16/2020: Discovery of Area 14 in the CVOC area reported to SHPO and ACHP per SOP.
- 12/18/2020: SHPO provided comments on Inadvertent Discovery 14, discussing potential relation of discoveries to others, shovel test methodology, review times during COVID-19 pandemic, and examination of discovery areas relative to existing recorded sites. The Navy considered these comments as part of its work plan submission to SHPO.
- 12/21/2020: End of fieldwork letter report for Area 12 delivered to SHPO.
- 12/24/2020: SHPO provided review comments on Final Archaeological Testing and Data Recovery Plan in support of J-755. Comments were considered by the Navy.
- 1/8/2021: DON notified SHPO regarding discovery of HR-3 in a non-burial context within the CVOC.
- 1/12/2021: End of fieldwork letter report for Area 3 delivered to SHPO.
- 1/15/2021: End of fieldwork letter report for Area 11 delivered to SHPO.
- 1/19/2021: End of fieldwork letter report for Area 10 delivered to SHPO.
- 1/20/2021: End of fieldwork letter report for Area 8 delivered to SHPO.
- 1/21/2021: DON notified SHPO regarding discovery of HR-4
- 1/26/2021: End of fieldwork letter report for Area 5 delivered to SHPO.
- 1/27/2021: SHPO provided comments on Area 3 End of Fieldwork letter report including a request for resumes for archaeologists, anticipation of GHPI form request from the Navy for discoveries for the project and dissatisfaction with methods. The considered these comments prior to releasing the area for further construction.
- 2/12/2021: End of fieldwork letter for Area 13 delivered to SHPO.
- 3/19/2021: DON notified SHPO regarding HR-5 in a non-burial context within the CVOC.
- 5/13/2021: DON escorted SHPO for site visit of a partial burial at HR-4 (SHPO notified 5/12/2021). Agreed to non-intrusively expose what appears to be a partial burial and investigate surrounding area per standard procedure.
- 6/11/2021: Discovery of Area 15 along southwest perimeter fence area reported to SHPO and ACHP per SOP. J-0755-015 (i.e., Area 15) is approximately 50 meters by 20 meters and contains at least four soil stain feature plus a surface scatter of multiple classes of artifacts.
- 6/22/2021: SHPO responded to notification for discovery in Area 15 with inquiries on if APE includes both construction and training, reiterating concerns on reasonable and good faith efforts that were prior resolved through the 2018 agreement, repetitious nature of notifications, and archaeological methods (sample per feature, carbon dating, wood identification and mesh screen size). The Navy considered the SHPO's comments and will address concerns through submission of detailed work plan.

- 6/29/2021: Discovery of Area 16 along southwest perimeter fence area reported to SHPO and ACHP per SOP. J-0755-016 (i.e., Area 16) is approximately 40 meters by 20 meters and contains at least two thermal feature, groundstone fragments and a surface scatter of 25 or more pre-contact ceramic sherds.

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

This is a utility corridor between North Ramp, AAFB and LFTRC at Northwest Field.

- This project construct telecommunications infrastructure consisting of an underground distribution of communications fiber optic cabling in concrete encased duct banks and manholes at Andersen Air Force Base (AAFB).
- 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 is No Historic Properties Affected.
- 1/19/2021: SHPO provided late response three weeks after close of comment period. Although the comments are late the DON plans to respond to SHPO concerns on survey quality and potential impacts to eligible sites outside the APE by providing site checks in areas with nearby historic properties outside the APE. The DON will comply with post-review discovery requirements in accordance with the 2011 PA.

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

- The project will construct a MPMG as part of the live-fire training range complex (LFTRC) at AAFB Northwest Field. It is a component of the military relocation to Guam. 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 cultural resource investigations for the proposed construction of P-735 on July 30, 2020. DON submitted Resolution Agreement between JRM and Guam SHPO on October 16, 2020 (See Section 7 for details)
- 10/30/2020: Stipulation XIII Resolution letter is signed.
- 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

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 (RC2019-0028)

- 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 11/5/2018 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 Cultural Resource Manager (CRM) did not find evidence supporting location of the tank battle in the project area.

P-608 Earth Covered Magazines Design and Construction, Naval Base Guam (RC2019-0111)

- 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.
- 3/3/2020: final work plan for P-608 was delivered, copy was provided to SHPO for review
- Undated letter from SHPO contained comments about “issues” 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
 - 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 in preparation as of this reporting period.

P-715 Ungulate Fence (RC 2019-0131)

- All existing data recoveries and investigations of human remains for P715 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.
- 10/29/2021: Task Order Mod 7 was awarded to capture additional monitoring hours which included ungulate fence
- Fence construction is ongoing as of this reporting period.

P-103 Water Wells Archaeological Monitoring Plan (RC2016-0122)

- P-103 will construct water wells on AAFB near Potts Corner. More than 1000 acres were surveyed prior to project design. The original design avoided all archaeological sites in the area; however, design changes were necessary due to re-evaluation of the AAFB explosive arcs around the munitions storage area (pushed the project south) and exclusion area around the USGS facility (pushed the project west). More recently, the need to avoid impacts to listed plants resulted in another modification, which pushed the corridor through an ineligible archaeological site.
- Construction has been delayed due to diversion of funds allocated to this project to construct the US-Mexico border wall, but funds are anticipated to be returned sometime in 2021.
- Monitoring of this project is required under the 2018 Resolution Agreement between JRM and SHPO.
- 12/9/2020: Submitted Archaeological Monitoring and Discovery Plan to SHPO for review by 1/22/2021.
- Updates to follow this reporting period.

P-735 Multi-Purpose Machine Gun Range (MPMG)

- 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.
- Following the Resolution Agreement between JRM and Guam SHPO regarding the 7/30/2020 Stipulation XIII Dispute (see details in Section 7), 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
- 3/17/2021: Submitted Archaeological Re-Survey, Discovery and Monitoring Plan to SHPO.
- Archaeological survey of P-735 is currently ongoing

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 stormwater 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 made a determination of **No Historic Properties Affected**.

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 was made in Area E of J-001B and 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 was discovered in the western portion of Area D on March 31, 2021. The discovery 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 (January to June 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 discovered on December 14, 2020 and reported to ACHP and SHPO on December 16, 2020 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 in disturbed contexts follows the SOP developed in consultation with and approved by the 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

- The J-001B-002 Draft Technical Report is expected to be provided to SHPO for review during the next reporting period.

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).
- Construction of a memorial monument at the location of burials that were preserved in place is underway at the HR-1 location in J-001B.
- Permanent indoor and outdoor educational exhibits discussed throughout 2020 with Guam Preservation Trust and Guam SHPO are planned at the Camp Blaz Visitor Center and Main Entrance. The design of the visitor center was modified to house smaller artifacts and multi-media educational programs informing visitors about the prehistory and history of the northern plateau. Visitors will not need base access and the public may visit the display during VCC operating hours.
- An outdoor display is also in the process of funding requests. The proposed 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. The funds request remains pending.

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.
- 114 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.
- Plant and tree collection included receipt of 47 High Value Trees (valuable for their importance to cultural practitioners, such as carvers and canoe builders).
- Collection of 75 seeds or seedlings.

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 not currently 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.
 - 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 Guam SHPO requested a full-time Secretary of Interior (SOI) qualified liaison, so recruitment of a new liaison began this reporting period to replace the current third-party liaison.
- A Camp Blaz archaeologist was duty-stationed part-time during the recruitment process to continue liaison commitment per the 2011 PA.
- 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.
- A candidate has been selected and began work in June 2021.

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 is anticipated to be awarded in 2022 and will be an opportunity to include new information from military relocation investigations, particularly those on the Northern Plateau.

Stipulation VII.C.3: National Register Nominations

- This stipulation requires that DoD prepare at least two NRHP nominations per year for historic properties on DoD land.
 - Eighteen nominations have been prepared; three have been confirmed as listed. We received information from NAVFAC HQ that Dobo Springs Latte Complex, Dadi Beach Bunker and Maulap River Complex have been signed by the Federal Preservation Officer and are to be delivered to the Keeper.
 - Currently, six draft nominations are with SHPO for review and signature.
 - One completed nomination is with Camp Blaz to be routed with other nominations through JRM and sent to NAVFAC HQ.
 - Two nominations are routing through Naval Base Guam.
 - Two nominations are routing through Andersen AFB.
 - Camp Blaz is taking measures to improve the routing systems for our nominations at both Navy and Air Force, and will investigate the cause routing delays at both installations.
 - Three nominations were included in a contract awarded in FY2020. Fieldwork was anticipated in November 2020 but COVID prevented the consultant from coming to Guam. Consultant is anticipated to arrive in July 2021 following lifting of quarantine restrictions.
- Planning for 2021 Nominations is currently in progress.

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)	Delivered 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 not supported by AAFB leadership and was not submitted.
2014	Dãdi Beach Defensive Bunker (66-02-1303)	Delivered to Keeper
2014	Pãpa'etnon (66-02-2330)	Pending routing through JRM
2015	Maulap River Complex (66-02-1978)	Delivered to Keeper
2015	Sagãyan Atmagosa (66-02-2337)	Routing through NBG
2016	Torres Farmstead (66-08-2717)	With AAFB, we are inquiring about status.
2016	Tarague Well #4 (66-07-1586)	With AAFB, we are inquiring about status.
2017	Songsong Mã'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 project completion until August 2021
2020	66-02-2344 contains two latte sets and two associated quarries	Contract awarded; COVID has delayed project completion until August 2021
2020	66-02-2339 is a single latte set with associated rock shelter	Contract awarded; COVID has delayed project completion until August 2021

2021	Nomination candidate selection and solicitation of proposals is pending. Award anticipated by end of June 2021.	Consultation with SHPO regarding candidates pending
<p><i>Note: Camp Blaz EV is looking at a more efficient routing process for nominations. We are also inquiring about the status of three nominations sent to HQ that have not been listed. Most recent NRHP listings for Guam in NPS database were in 2016.</i></p>		

Stipulation VII.C.4.a: Cultural Repository Funding
<ul style="list-style-type: none"> • DON advocated for funding and secured Congressional authorization. Office of Economic Adjustment granted \$12 million to Office of the Governor. • Construction is underway on the University of Guam campus. • Planned for completion in late 2021. • JRM representatives met with GovGuam throughout this reporting period to plan and coordinate information on the anticipated volume of artifacts that will be derived from JRM collections to support fee schedule development. • This aerial photograph below from March 2021 shows the repository under construction at the University of Guam. The Repository, funded by the Department of Defense, is intended to house all of Guam’s archaeological collections in a facility meeting federal standards (36 CFR 79).


Stipulation VII.C.4.b: Museum Complex Advocacy
<ul style="list-style-type: none"> • 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.

Stipulation VII.D: National Park System (NPS) on Guam
<ul style="list-style-type: none"> • No impacts to NPS related to the military relocation have been reported.

Stipulation VIII: Tinian Mitigations

- Tinian mitigations stipulated under the 2011 PA remain on hold.

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.

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

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-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.
- 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.
- 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: Revised J-001B Area F Expansion

- PA Memo was submitted February 26, 2021 with comment period closing on April 12, 2021. This was a revision of an early project proposing to add ca. 5.4 acres to Area F to accommodate a stormwater infiltration basin. This revision increased the project area to 9.8 acres. Note that the work is within the area covered by NEPA studies. It increases the size of J-001B within the NCTS area.

PA Memo #1 for P-187 Brown Tree Snake Exclusion Barrier South

- This project constructs a 11,608 foot, four foot tall, steel mesh fence enclosing the Brown Tree Snake (BTS) Exclusion Area South Unit with cleared unpaved interior pathways co-located with main irrigation lines. This project also includes operational areas for snake exclusion activity (toxicant bait drops and stations). Fence encloses an area of approximately 60 hectares east of Haputo Road in North Finegayan.

PA Memo #2: Andersen South Urban Combat Training Range - Operations

- The Skaggs Urban Combat Training Complex located in Andersen South is being developed to serve the needs of the U.S. Marine Corps training activities. The proposed Operation Activities include combat maneuver training such as hand grenade and breaching exercises, urban/jungle troop maneuvers, vehicle/convoy course for convoy maneuvers, and fixed/tilt-rotor drop zone training.

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-608 Earth-Covered Magazines at Naval Base Guam Munitions Site

The last consultation with the SHPO was in 2019 for design studies. Parson's Road was included in revised work plan to obtain survey results for both Lower Kitts Road and Parsons Road options.

- Project will construct earth-covered magazines and an inert storage facility in the Naval Base Guam Munitions Storage Area, with improvements to an existing pad at Orote Point.
- Previous consultation was in 2019 for design studies.
- Survey of alternative locations for the magazines was necessary due to presence of a potentially eligible site in the first survey area.
- A construction PA Memo will be prepared pending a decision regarding location of the project.

FY23 P-309 Infantry Battalion Facilities

- 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 within areas previously-consulted upon under the J-001B project.

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 project is a low rise facility that utilizes standard design for police facilities. This vertical construction will occur within 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).

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.

Refer to Appendix D for Figures

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 B and C 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 P715 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

- 7/30/2020: SHPO presented a second dispute, which was critical of the data presented in the TRRA and demanded a re-survey of P-735.
 - The DON and SHPO have had prior ongoing discussions on the need to invoke Stipulation XIII to engage in the process to formalize the DON's preferred solution to SHPO's long-standing concerns.
 - DON's solution for P-735 were derived from proactive analysis of data from the synthesis of new archaeological information gathered from MILCON P-715, which directly adjoins the future P-735 project footprint.
- 8/20/2020: 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 vice a citation of methods.
 - Report to include updated background information.
 - Required interface between Munitions of Explosive Concern (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 Sabanan Fadang Burial Monument (Design Review)
SHPO received document for 14 day review and submitted comments that have been addressed by MCBCB in the final design. Construction anticipated to start August 2021.

APPENDICES

APPENDIX A: TABLE OF DISCOVERIES OF HUMAN SKELETAL REMAINS

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

APPENDIX C: FIGURES FOR SECTION III (CHANGES)

APPENDIX D: FIGURES FOR SECTION V AND VI (FUTURE PROJECTS)

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

APPENDIX A: TABLE OF DISCOVERIES OF HUMAN SKELETAL REMAINS (HR)

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>
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 P-715-HR4	Two splintered fragments of human tibia, disturbed context of cleared area within same recovery area.
10/11/19	P-715-HR5	Grid AU106: 26 fragments of HSR found, majority cranial fragments with femur and other long bones
10/15/19	P-715-HR6	Grid AM116: three long bone fragments
10/29/19	P-715-HR7	Grid AS112: two long bone fragments
10/29/19	P-715-HR8	Grid AS 110: cranial and long bone fragments, teeth
11/15/19	P-715-HR9	P-715-005B: 2 cm x 2 cm cranial vault fragment with smaller related pieces
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.
7/17/2021	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.
11/5/2020	J-755-HR2	HSR consisting of scapula and femur fragments at CVOC area. Disturbed context.
1/4/2021	J-001B-HR10	Single bone fragment on surface within ungulate fence corridor. 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.
5/15/20	J-755-HR1	HSR fragments identified in Discovery Area J-755-006
11/5/20	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	Multiple fragments of human skeletal remains including metatarsal, cranial fragments, teeth and fragments of long bones

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>
3/19/2019	J-006-HR1	Fragment of human femur discovered in fill
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
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.
Jan 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)
Jan 2017	J-001B-site 2305 initial investigation	Laboratory Analysis Determinations F6: Forearm and humerus fragments (3 fragments)
8/14/2016	J-001B Site 2307	EU1/F1: Field discovery of fragment of human clavicle
Jan 2017 (found in lab)	J-001B-Site 2308 initial investigation	Laboratory Analysis Determinations F1: Adult human long bone fragments (19 fragments)

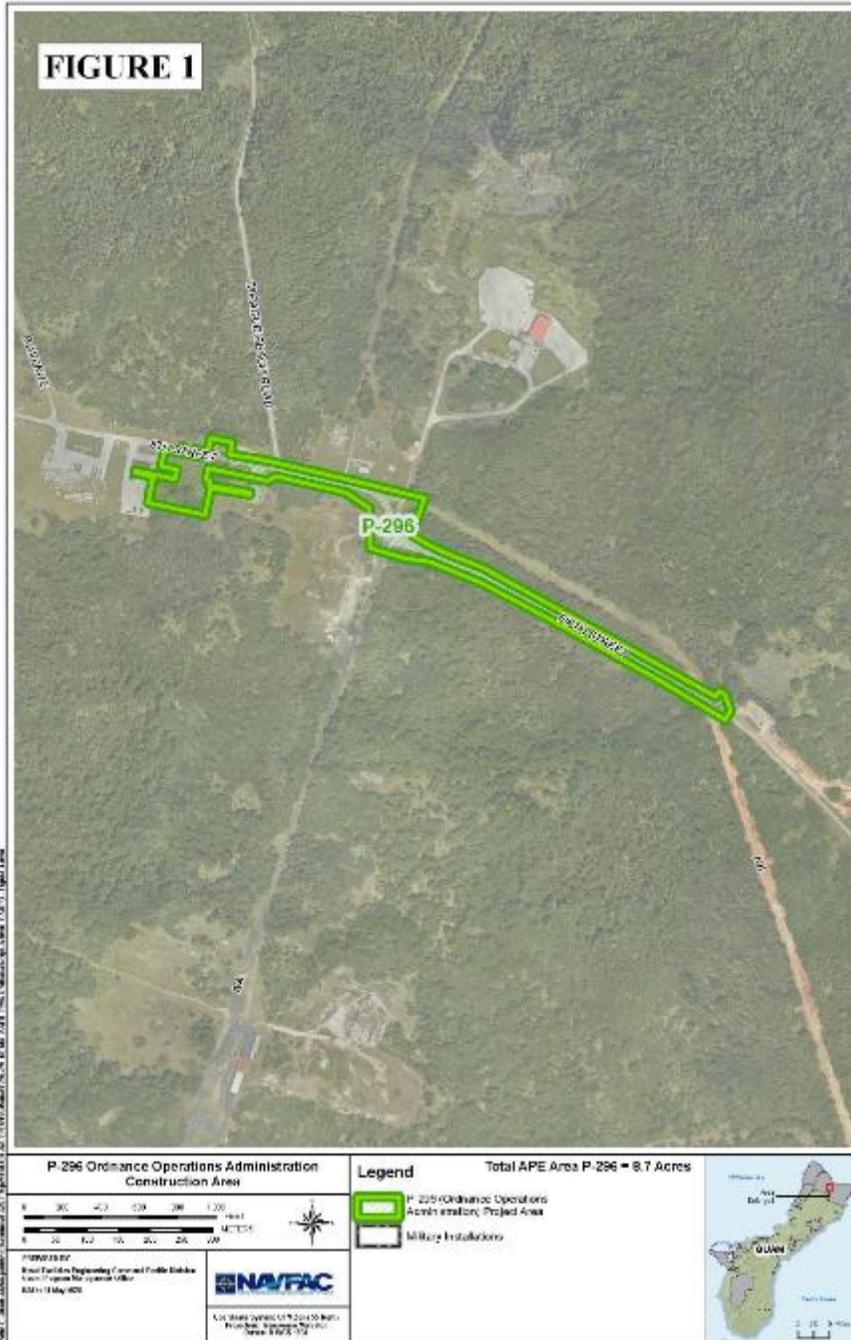
APPENDIX B: TABLE OF ARCHAEOLOGICAL SITE DISCOVERIES (POTENTIAL HISTORIC PROPERTIES)

DATE	DISCOVERY (PROJECT-AREA#)	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	P715-004	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-715-005A5B	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

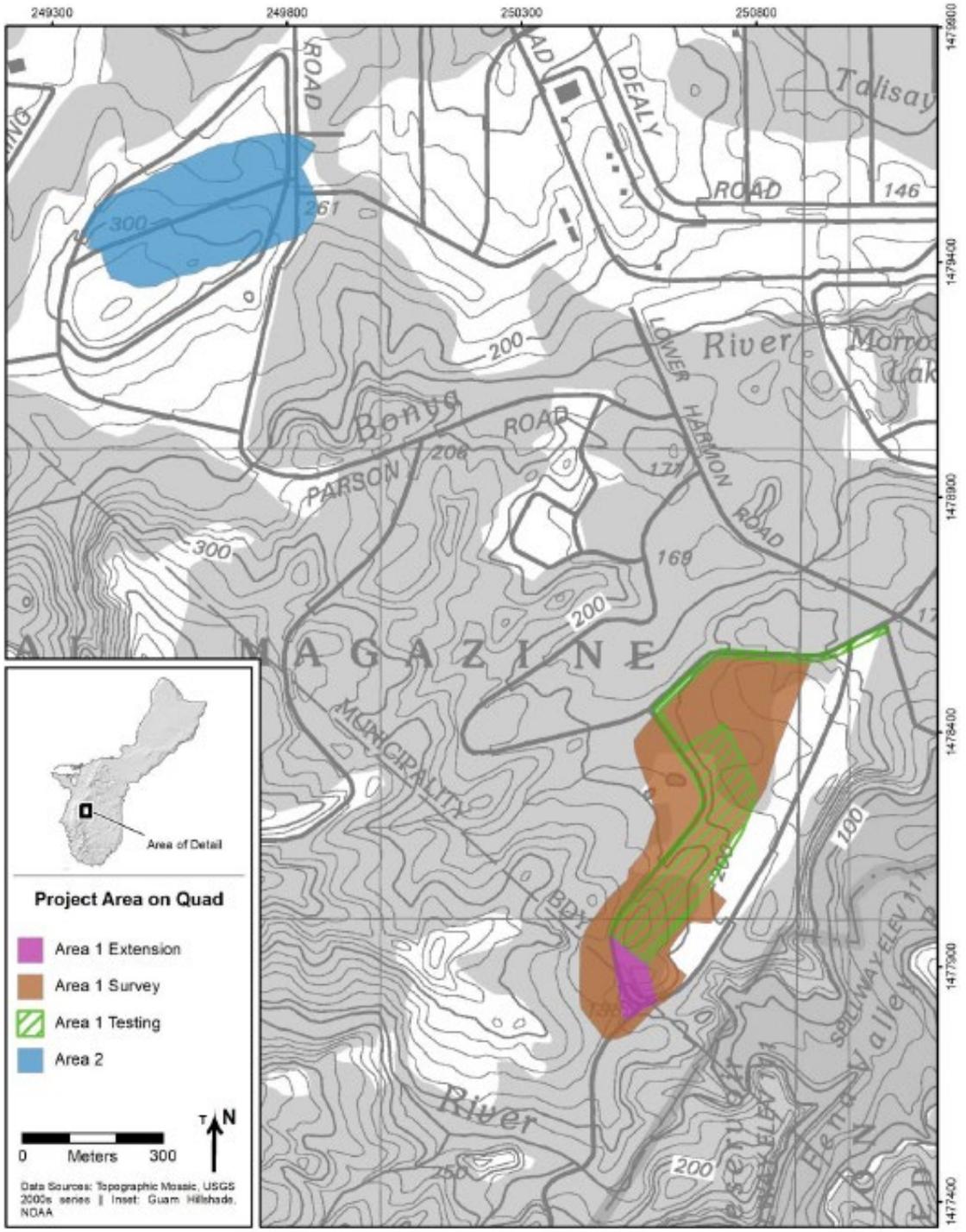
8/19/2020	J-001B-010	Surface artifact scatter and three soil stains with fire affected limestone pebbles in an area approximately 30 x 80 meters in Area E.
3/31/2021	J-001B-011	More than 20 features within an area of approximately 100 x 150 meters in the western portion of Area D. Several of the features 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 Andersen South
3/25/2020	J-755-002	100+ ceramic sherds in 100 X 20 meter part of perimeter fence corridor in southern Andersen 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.

APPENDIX C: FIGURES FOR SECTION III (CHANGES)

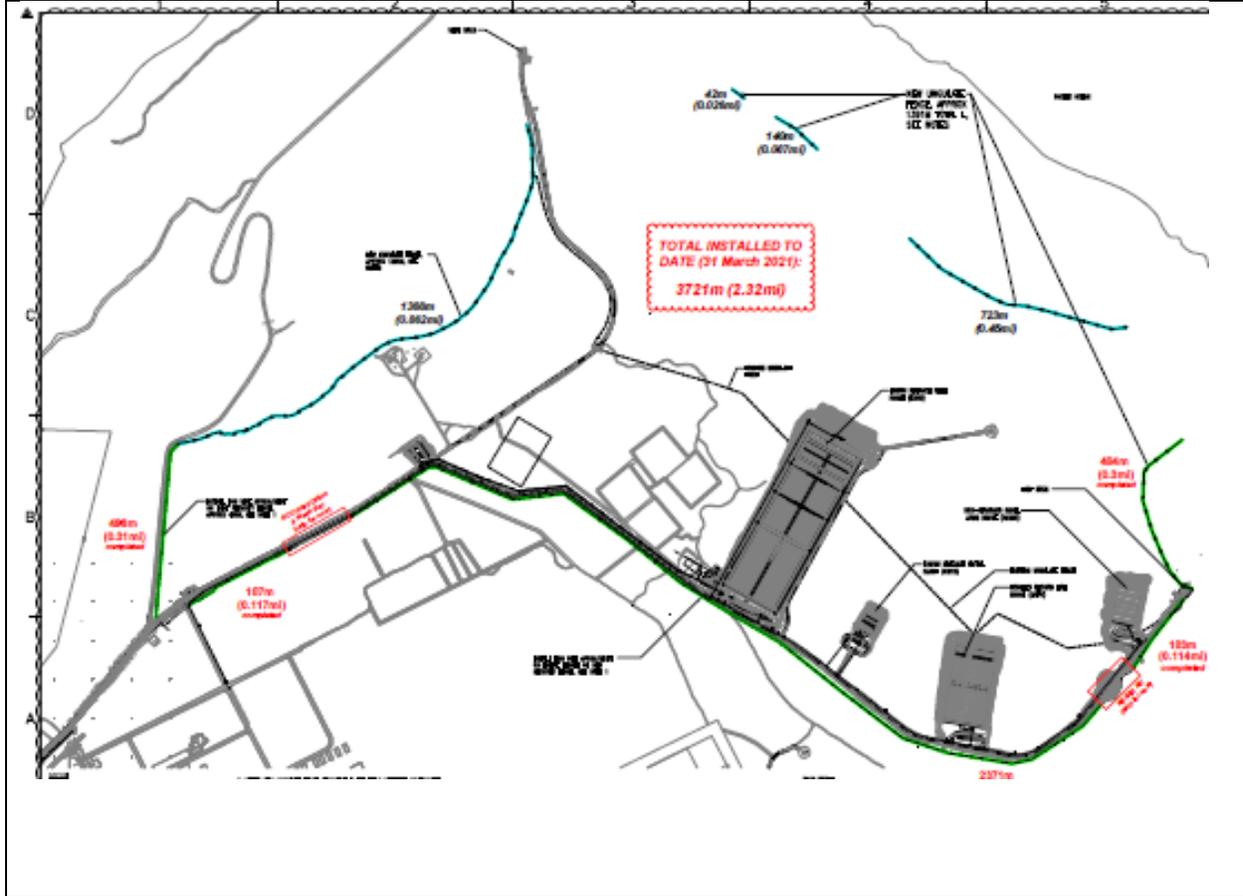
P-296



P-608 Earth Covered Magazines: APE Changed To Include Alternate Location At Parsons Road; Other Components Are Unchanged



P-715 Ungulate Fence



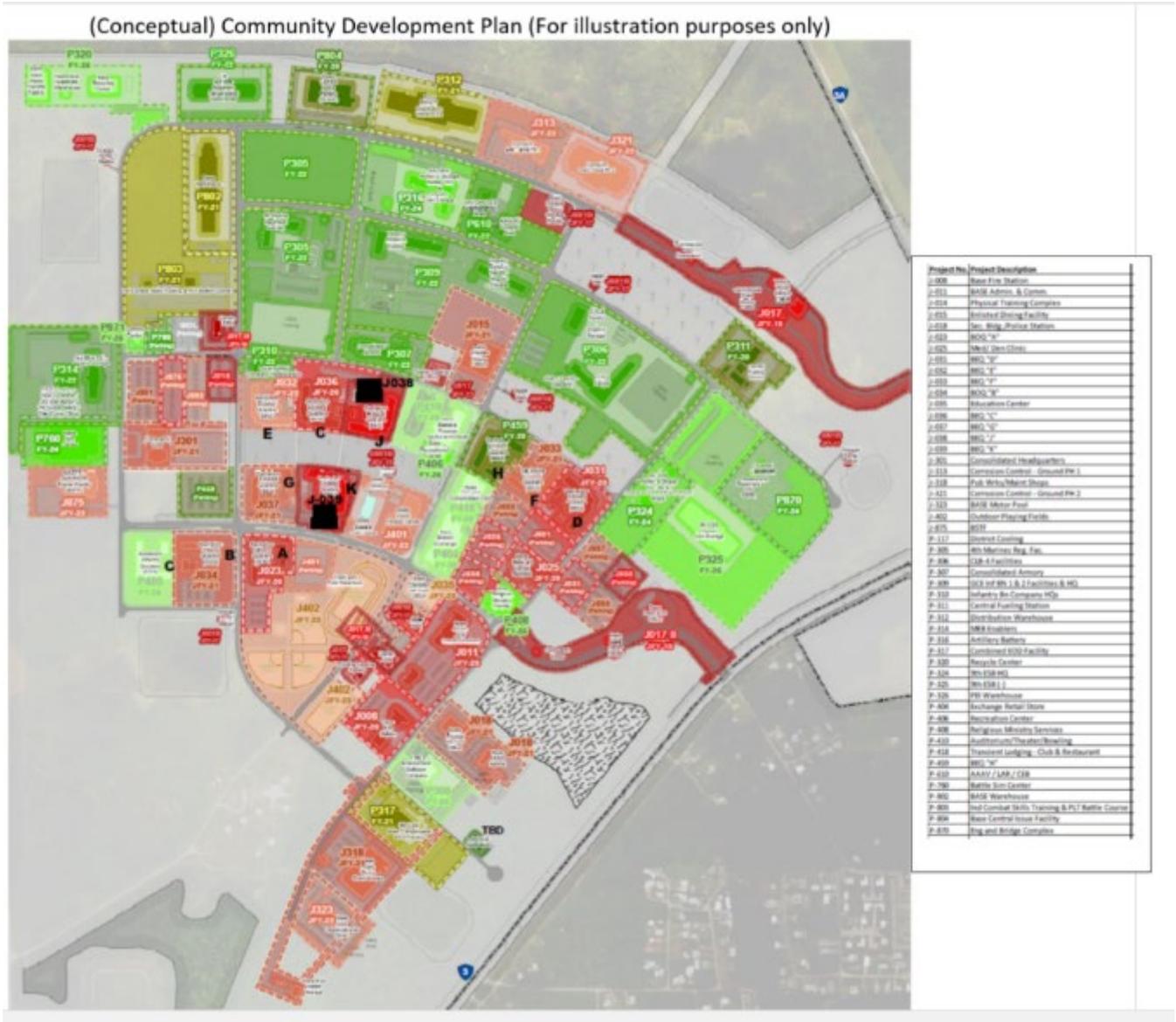
P-735 Supplemental Survey (Resurvey) Plan



J-001B AREA F EXPANSION



APPENDIX D: FIGURES FOR SECTION V AND VI (FUTURE PROJECTS)



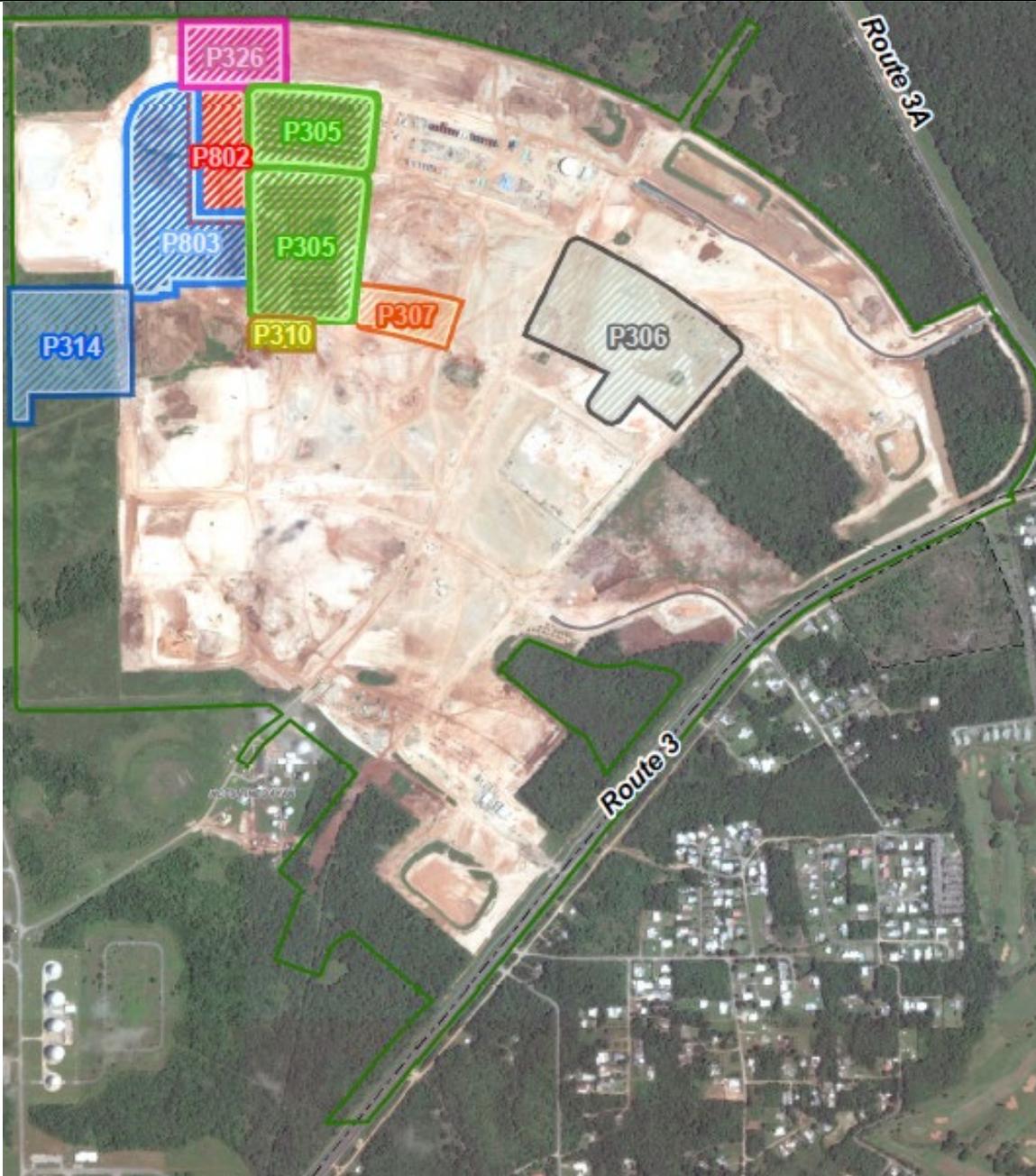
J-011 AND J-025



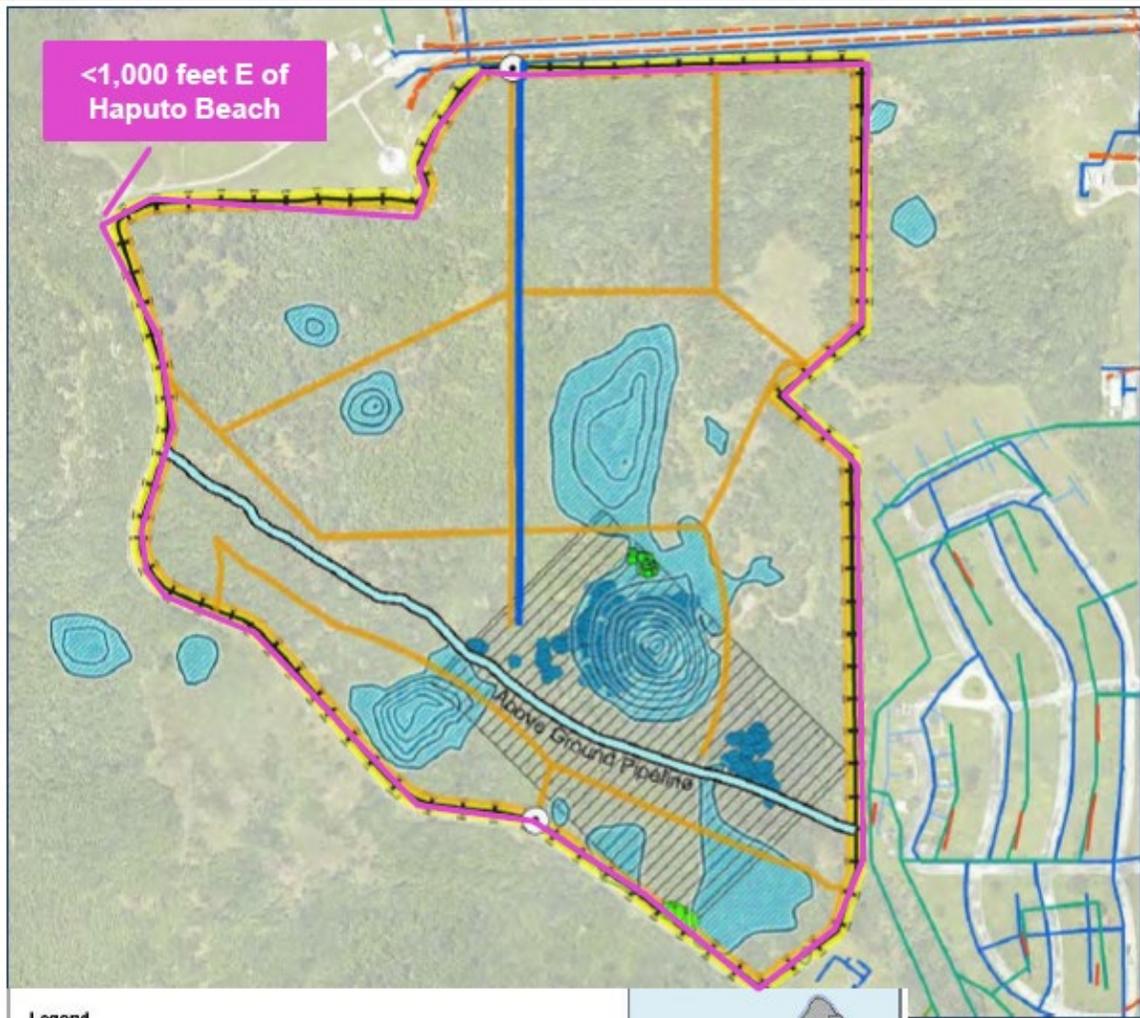
P-311, P-312, P-317, P-804



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



P-187 BROWN TREE SNAKE EXCLUSION BARRIER SOUTH



Legend

- | | | |
|--|---|---|
| <ul style="list-style-type: none"> BTS Teac Unit Outer Path BTS Teac Unit New Wellbore BTS Teac Unit Pathway Brown Tree Snake Fence (BTS) - Teac Unit (11.5 to 11) BTS TK Unit - Inner Path BTS TK Unit - Outer Path | <ul style="list-style-type: none"> Existing US Road Above Ground Pipeline Existing Electrical Use - Overhead Existing Electrical Use - Underground Existing Watermeter Line Existing Watermeter - Force Main Existing Water Main Existing Water Service | <ul style="list-style-type: none"> Sewer and/or Sanitary (MSD 120 ft) Military Installation Foreign's Main Containment Area |
|--|---|---|
- Transplants**
- Current In-situ or Transplant Location
 - Orkid, Transplant Location
 - Salvaged Orkid Location
 - Copied and Orkid Transplant Boundary



* Location of Watermeter and Force Main for satellite graph's purposes.

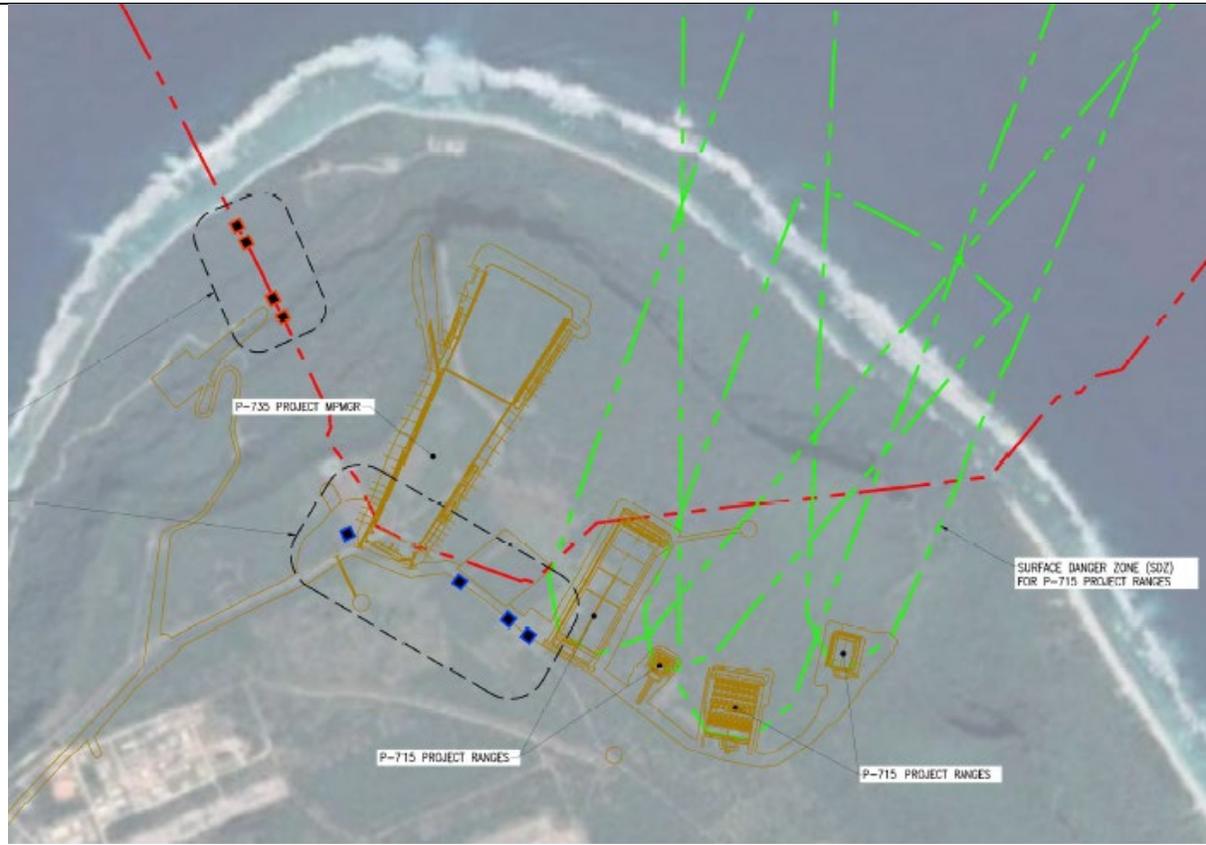
**ANDERSEN SOUTH OPERATIONS (ENTIRE ANDERSEN SOUTH AREA)
(CLEARED ROADS ARE PREVIOUSLY CONSULTED ON J-755 CONSTRUCTION)**



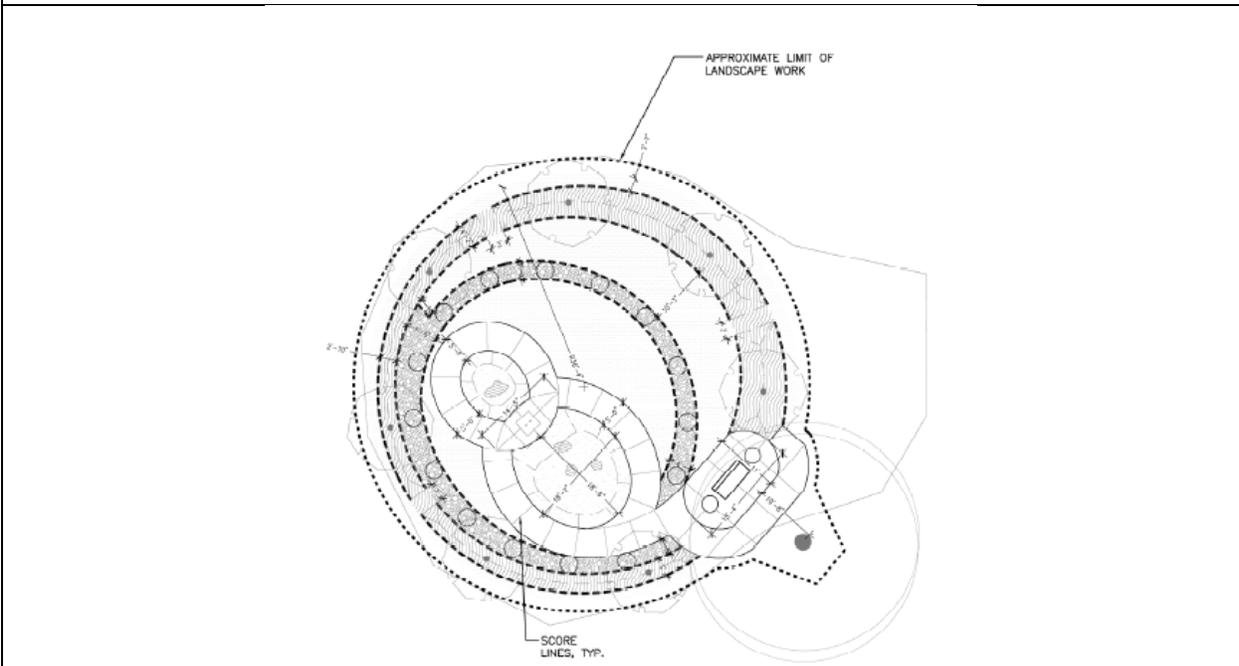
J-008, J-015, J-018, J-023, J-032, J-034, J-036, J-037, J-038, J-039, J-301



P-715 SDZ SIGNS/LIGHTING



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



I SENGSONG MÂGUA'

Mañága i taotao táno' giya Mágua' antes di Tiempon Latte' asta i Tiempon Reduccion gi i títalu na sákkán siha gi 1600s.

Mañága i taotao táno', i ManCHamoru, gi dikike' na guma siha ni mapo' lo gi sunhlo' i indafitiyen acho' latte'. I acho' latte', gusha dos na patte' - i halgi yan i tasa. CHáhan siha, lusong siha yan namentan acho' yan hima sesso manmasodda' gi i oriyan guma' latte' siha.

Petmamente na fanhassuyan i estorian Mágua' pot i sikanifikasion-ña kutturá para i táno' este.



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

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

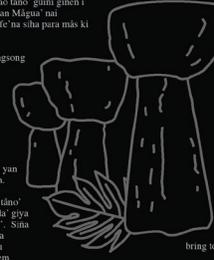
The story of Mágua' is a permanent reminder of the enduring cultural significance of this place.

I NAFTAN I TAOTAO SABÁÑAN FADANG YAN MÂGUA'

Masdekháman i natat taotao táno' guini ginen i sengsong Sabáñan Fadang yan Mágua' na manna' li' li' ya manna' latte' na siha para más ki un mit na sákkán.

Dos gi halom meggai na sengsong antigu i sengsong este ni manggegi gi i halom táno' gi i lagu na bándan Guáhan. Hasso manmasodda' to lang siha gi i lugit este sa' natata yan tákala i táno' ya didide' na priñeti kontra i ginen i che' cho' gi lancho siha, i Tiempon Gera yan konstruksion despues di gera.

Gaige i to lang siha i taotao táno' gi naftan este ni manmasodda' giya Sabáñan Fadang yan Mágua'. Sina mapaga lokkha' guini otro na to lang ni masodda'. Siha u fandekansa siha gi minaggem.



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

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.

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

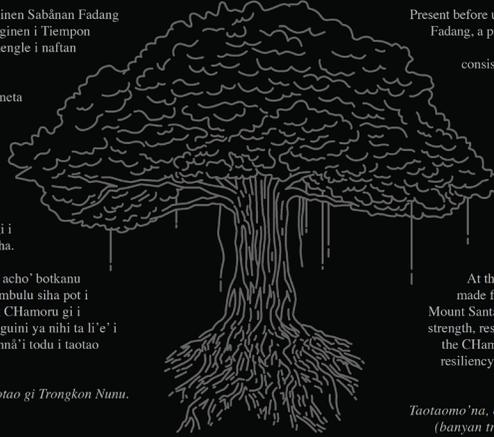
I FANHAFUTAN I SENGSONG SABÁÑAN FADANG

Gaige i naftan-ñiha i taotao táno', i ManCHamoru, ginen Sabáñan Fadang guini. Esta humánaano i sengsong i Sabáñan Fadang ginen i Tiempon Latte' (kasi AD 800 asta 1521) asta 1914. Manmachengle i naftan este gi guini ni minaggem yan pekka'.

Gi i Tiempon Latte', aridedót i halom táno' yan sabaneta giya Sabáñan Fadang. Duranten i há ñne gaige dandan/kántan páharu gi aire ya gi pineddong somnak manggupu i fanhi siha. I cháhan siha, empe' únaha yan ramentan acho' yan hima ha' ayuda sumagáni hit ni estorian lina' la' giya Sabáñan Fadang yan giya Mágua' un sengsong gi uriya. Mana' chetton i sengsong antigon siha giya i lagu na bándan Guáhan para otro na sengsong siha gi i kanton tási, taiguihi iya Haputo ni' i chalan ladera siha.

Gaige lusong siha gi i mimuriát este ni mafa' tinas ni acho' botkanu ginen háya' Guáhan yan Sabáñan Santa Rosa. Un símbulu siha pot i minetgot, i tineimtom, i minsegon yan i inafa' maolek CHamoru gi i táno'. Nihi ta hasso i taotao mo' na ni manmaigo' guini ya nihi ta li' e' i minatatngan yan i minesgon i ManCHamoru ni manna' i todú i taotao Guáhan i ma' ok na kotturan CHamoru.

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



Present before us are graves of indigenous CHamoru people from Sabáñan 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.

During the Latte' Period, Sabáñan 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 Sabáñan Fadang and nearby Mágua'. These ancient settlements on the Northern Plateau were linked by cliff trails to larger coastal villages such as Haputo.

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.

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

APPENDIX E: UPDATED APPENDIX E OF 2011 PA (SEPARATE ELECTRONIC SPREADSHEET)