



**DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 36TH WING (PACAF)
ANDERSEN AIR FORCE BASE GUAM**

Mr. Tyrone J. Taitano
Director
Bureau of Statistics and Plans
P.O. Box 2950
Hagatna, Guam 96932

Subject: Negative Determination for the Proposed Construction of Munitions Storage Igloos at Andersen Air Force Base, Guam

Dear Mr. Taitano,

The United States Air Force (USAF), Headquarters Pacific Air Forces (PACAF), 36th Wing (36 WG), Andersen Air Force Base (AAFB), Guam proposes to construct an additional 48 Hayman-style munitions storage igloos in Munitions Storage Area I (MSA-I) at AAFB in Joint Region Marianas, Guam. The USAF determined that the proposed federal activity is a development project outside of Guam's defined coastal zone. This letter provides documentation that the USAF has determined that the proposed activity would not have foreseeable coastal effects to Guam's defined coastal zone per 15 CFR 930, Section 930.35.

The new munition igloos would require lighting and electrical support, an intrusion detection system, ventilation, reinforced concrete foundations, rated 7-bar construction, floor slabs, columns, beams, and a lightning protection system. Supporting facilities would include site development, utilities and connections, road improvements, and loading aprons. The action would increase munitions storage capacity and provide minor facility modifications to meet operational requirements. The anticipated timeline for construction, design and acquisition of the 48 igloos is approximately 3 years. An increase in personnel is not anticipated.

The purpose of the Proposed Action is to reduce the existing munitions storage capacity shortfall at Andersen AFB by constructing adequately sized, configured, sited, and protected munitions storage igloos. This would ensure sufficient supply of the new highly sophisticated munitions that will be critical in the initial stages of any armed combat missions. An additional 280,000 ft² of storage space and infrastructure upgrades are needed in MSA I so that Andersen AFB can continue to fulfill its mission.

The Proposed Action is needed to enable the 36 WG, a PACAF wing unit at Andersen AFB, to perform its existing mission and ongoing military operations by providing adequate munitions storage. In April 2002, the U.S. Air Force Safety Center evaluated existing munitions magazines from the 1950s. The magazines failed to meet the standard rating due to faulty door design. Additionally, the earth coverings on the magazines have deteriorated from age, typhoon winds, and rain. These munitions magazines were downgraded from 500,000 pounds of net explosive weight to 250,000 pounds of net explosive weight. The age and wear of these facilities have caused a shortfall in munitions storage that is needed to support the current mission.

Consultation with the U.S. Fish and Wildlife Service (USFWS) under section 7 of the Endangered Species Act (ESA) is underway to make the final determination of effect to ESA-listed species. The USAF conducted consultation under Section 106 of National Historic Preservation Act in April 2018. This consultation indicated that there would be no adverse effect to sites eligible for the National Register of Historic Places if proposed mitigation measures are followed. The Guam State Historic Preservation Officer (SHPO) concurred with the Section 106 request, with the provision that an approved archaeological data recovery plan be put in place.

The USAF prepared a draft Environmental Assessment (EA) (enclosed) and has completed an “effects” test per 15 CFR Part 930 Section 930.33(a)(1). The USAF assessed reasonably foreseeable direct and indirect effects on Guam’s coastal use or resources, reviewed relevant management program enforceable policies, and determined that the project does not have foreseeable coastal effects to Guam’s defined coastal zone per 15 CFR 930, Section 930.35. This notification of negative determination is based on:

1. The proposed federal activity is located entirely within federal property that by definition is excluded from Guam’s coastal zone per 15 CFR 923, Section 923.33(a), and would not result in spillover effects extending into Guam’s coastal zone per 15 CFR 923, Section 923(b).
2. The nearest coastal zone is located approximately 4,000 feet northeast and downslope from the nearest proposed federal activities in the construction footprint within the MSA. None of these proposed federal activities would spill-over to adjacent parcels of non-federal property.
3. The proposed federal development is consistent with existing land uses as military mission support. It is fully contained within an area on Andersen AFB currently used for munitions storage.
4. The use of Best Management Practices would be implemented to minimize potential environmental effects.
5. The proposed activities are similar to previous USAF activities that have been determined to have no coastal effects.

Per communications between and your staff (Julian Janssen and Edwin Reyes) and our consultant in January and February, we are hopeful that a response from Bureau of Statistics and Plans can occur within 30 days or less from receipt of this package. However, if no response is received from your office within 60 days, the USAF shall presume concurrence with the negative determination per 16 CFR Section 930.35(c). If you have questions or require additional information about the proposed project, please contact Jeffrey Laitila by email at jeffrey.laitila@us.af.mil.

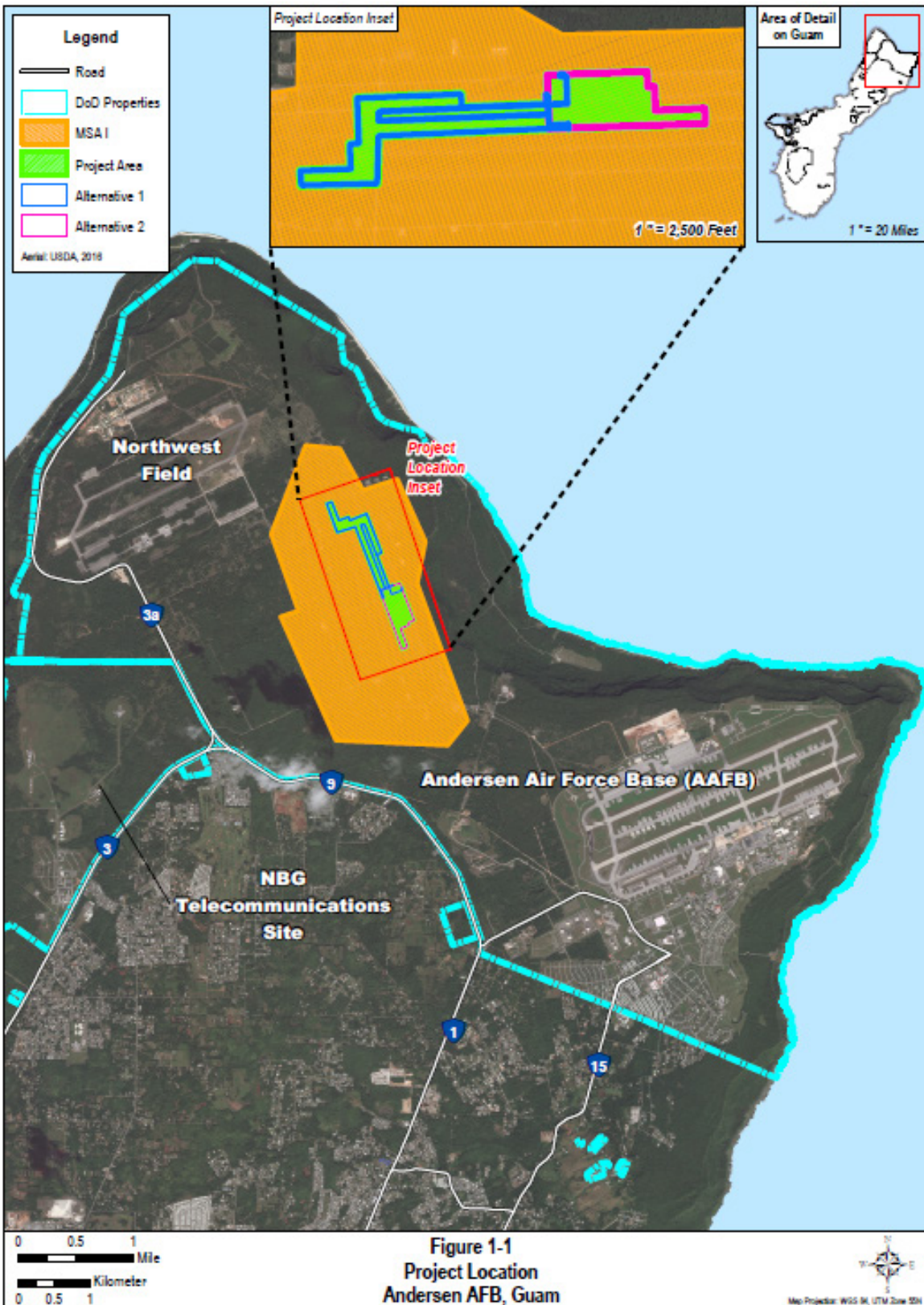
Sincerely,

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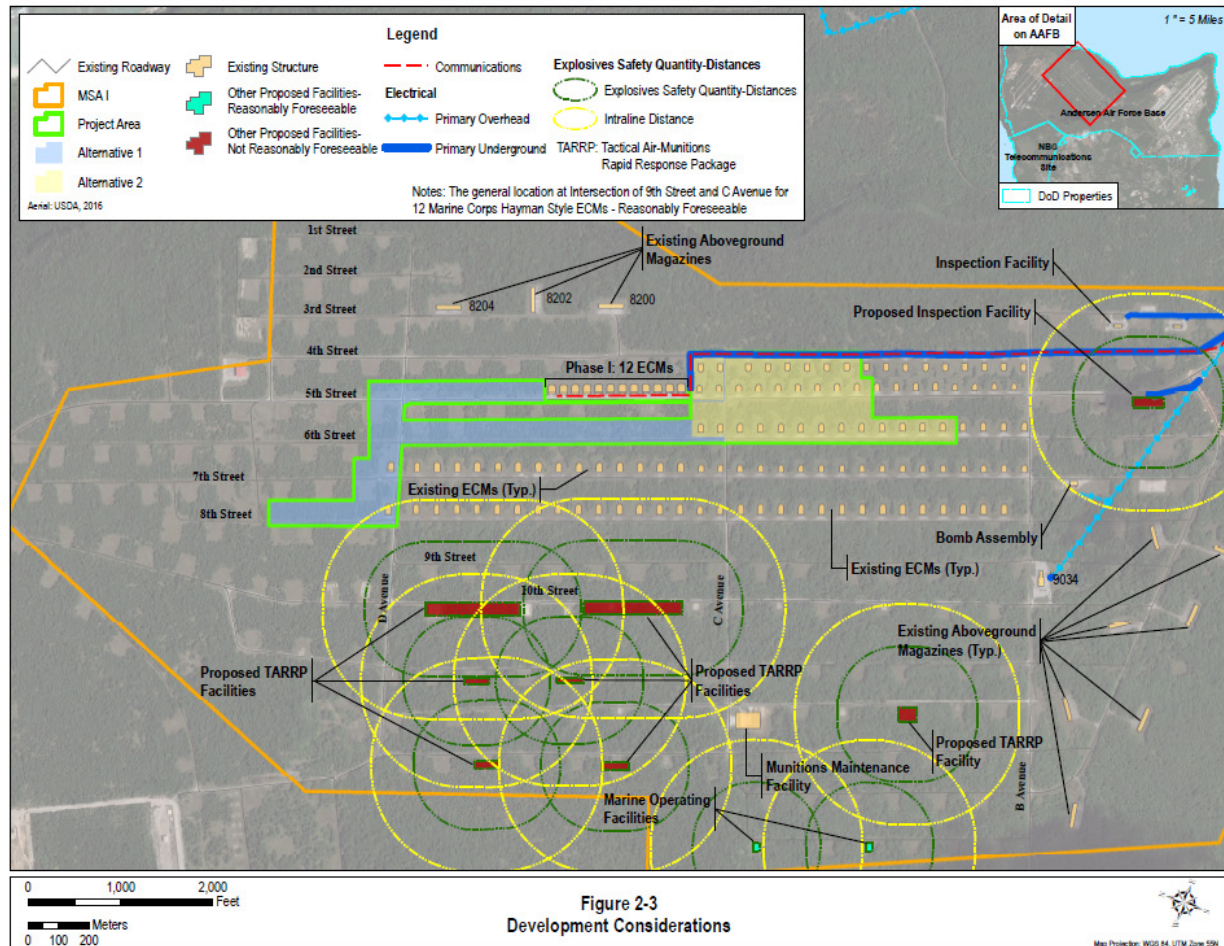
TODD T. INOUE, Lt Col, USAF
Commander, 36th Civil Engineer Squadron

Enclosures: (1) Project Location Map
(2) Proposed Action Map
(3) Typical Munitions Storage Igloo Design
(4) Photographs of Existing Munitions Storage Igloos
(5) Draft EA of Proposed Munitions Storage Igloos, Andersen AFB, Guam

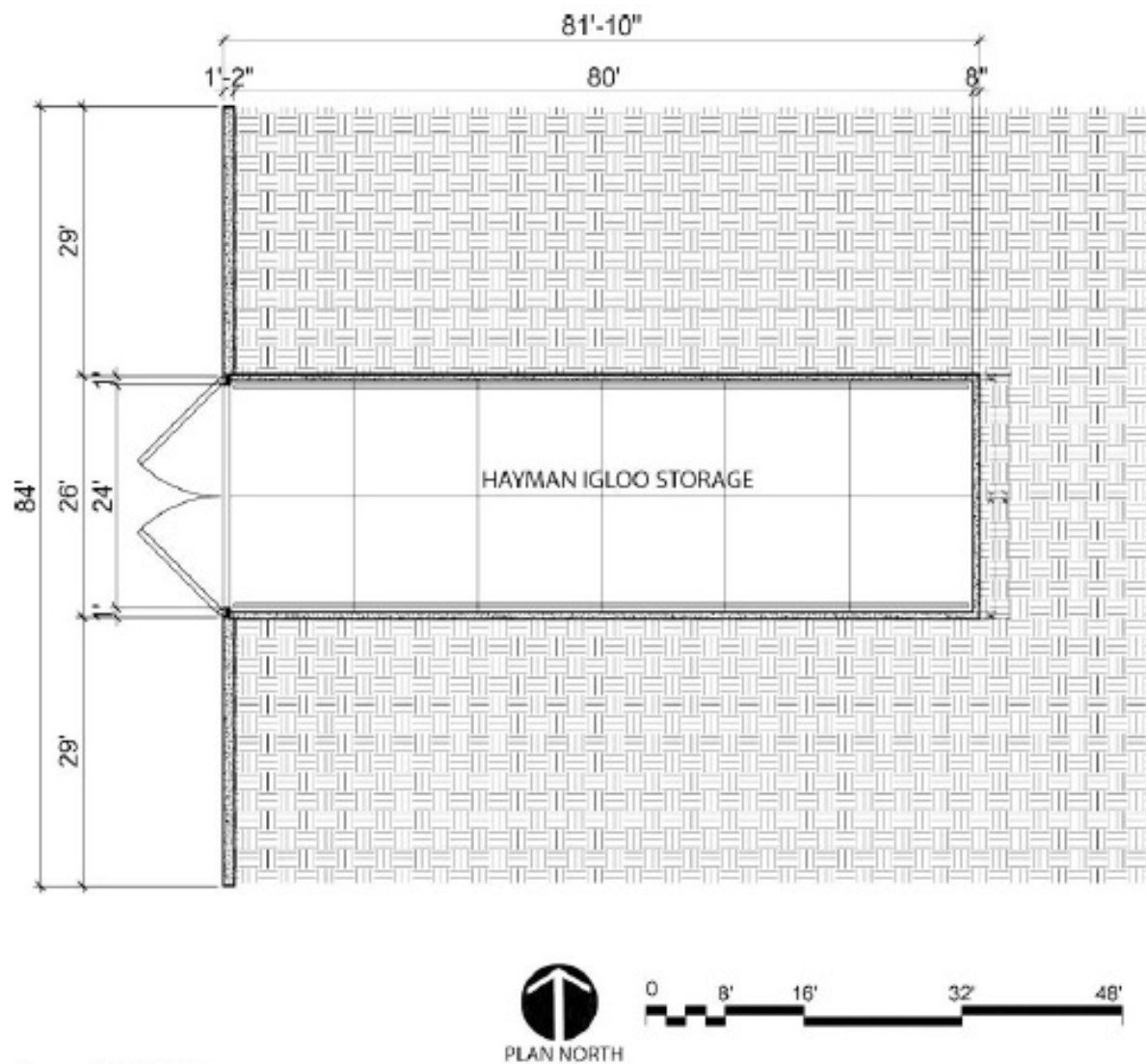
Enclosure 1: Project Location Map



Enclosure 2: Proposed Action Map



Enclosure 3: Typical Munitions Storage Igloo Design



Source: PACAF, 2017.

Figure 2-4 Typical Hayman Style ECM Design

Enclosure 4: Photographs of Existing Munitions Storage Igloos



Source: 36 WG, 2009.

Figure 2-5 Photographs of Existing Munitions Storage Igloos, Andersen AFB