



# Diamond Head Citizens Advisory Committee Presentation

April 5<sup>th</sup>, 2016



Section 106 Consultation Brief  
Demolition of Bldg. 301 and Bldg. 304  
Complex (304A, 304D and 304E) within  
Diamond Head Crater

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Yara Lamadrid-Rose – Diamond Head Park Coordinator



# DHCAC Presentation

April 5<sup>th</sup>, 2016



## Agenda:

Bldgs. 301 & 304 Site Visit  
Site Background  
Project Background  
Building Information  
Proposed Mitigation  
Input/Comments/Questions



# Site Background



Diamond Head Crater was established as a State monument in 1962 to preserve its iconic profile from development.

Diamond Head State Monument is under the control and management of DLNR State Parks concurrently and jointly with the Hawaii Army National Guard & Hawaii Emergency Management Agency, based on HRS, Ch. 6E-32 and Executive Order 3688.



# Site Background



In 1983, Fort Ruger, including Diamond Head Crater, was listed on the National and Hawaii Register of Historic Places as a Historic District for its significance in Hawaii's military history. The district includes military sites circa 1906 to 1943. In 2009, it was proposed that the district be expanded to include Cold War era sites.



# Fort Ruger Historic Districts

Project: BLDG 301 304 DEMO  
Historic Districts Map

County: Honolulu  
Address: Diamond Head

State: HI  
Zip Code: 96816

Scale 1:12,000

1 inch = 1,000 feet

0 250 500 1,000  
Feet



HIARNG Installations

Historic Structure Area

Fort Ruger Historic District, 1984

Fort Ruger Historic District, 2009

Date Published: Tuesday, January 19, 2016

Image Date: 2011

Coordinate System:

GCS WGS 1984

Reference map



This illustrative conceptual plan is not intended as a design document.

**FOUO**



# Ft. Ruger Historic District



## **1983 HISTORIC DISTRICT NOMINATION:**

**(1906-1943)**

- Battery Harlow
- Battery Hulings
- Battery Dodge
- Battery Birkhimer
- Battery 407
- Leahi Fire Control Station
- 12 Gun Emplacements
- Kapahulu Tunnel (AKA Mule Tunnel)
- Trail to summit (winch & cable, stairs, tunnel)
- Guard House (demoed in 1997)

## **PROPOSED 2009 EXPANDED**

**NOMINATION: (1943-1989)**

- Bldg 303
- Bldg 304
- Bldg 304D
- Stone Walls/Guardhouse
- M0 Tunnel
- M1-M6 Tunnels

\*NOTE: Bldg. 301 is only individually eligible for the State Register of Historic Places, and is not a contributing resource to the Ft. Ruger Historic District.



# Project Background



The Diamond Head State Monument Master Plan (DHSMMP) was developed in 1979 and updated in 2003. The plan states that *“the DLNR acquire all available unused or unrequired Federal lands adjoining or with Diamond Head and secure the phase-out of State DOD and FAA structures within the Monument as feasible.”*

*Plan Policy 5. from the 2003 update*



# Citizens Advisory Committee

As part of its planning efforts, the DLNR formed the Diamond Head Citizens Advisory Committee (DHCAC) in 1977 to assist in the development of the plan for the Diamond Head State Monument. The Master Plan was accepted by the BLNR in November of 1979. The DHCAC continues to advise the DLNR on recommendations regarding the Master Plan.



# Project Background



To fulfill the stipulations within the DHSMMP, the HIARNG has agreed to transfer Bldg. 301, Bldg. 304 complex and all associated land back to DLNR State Parks.

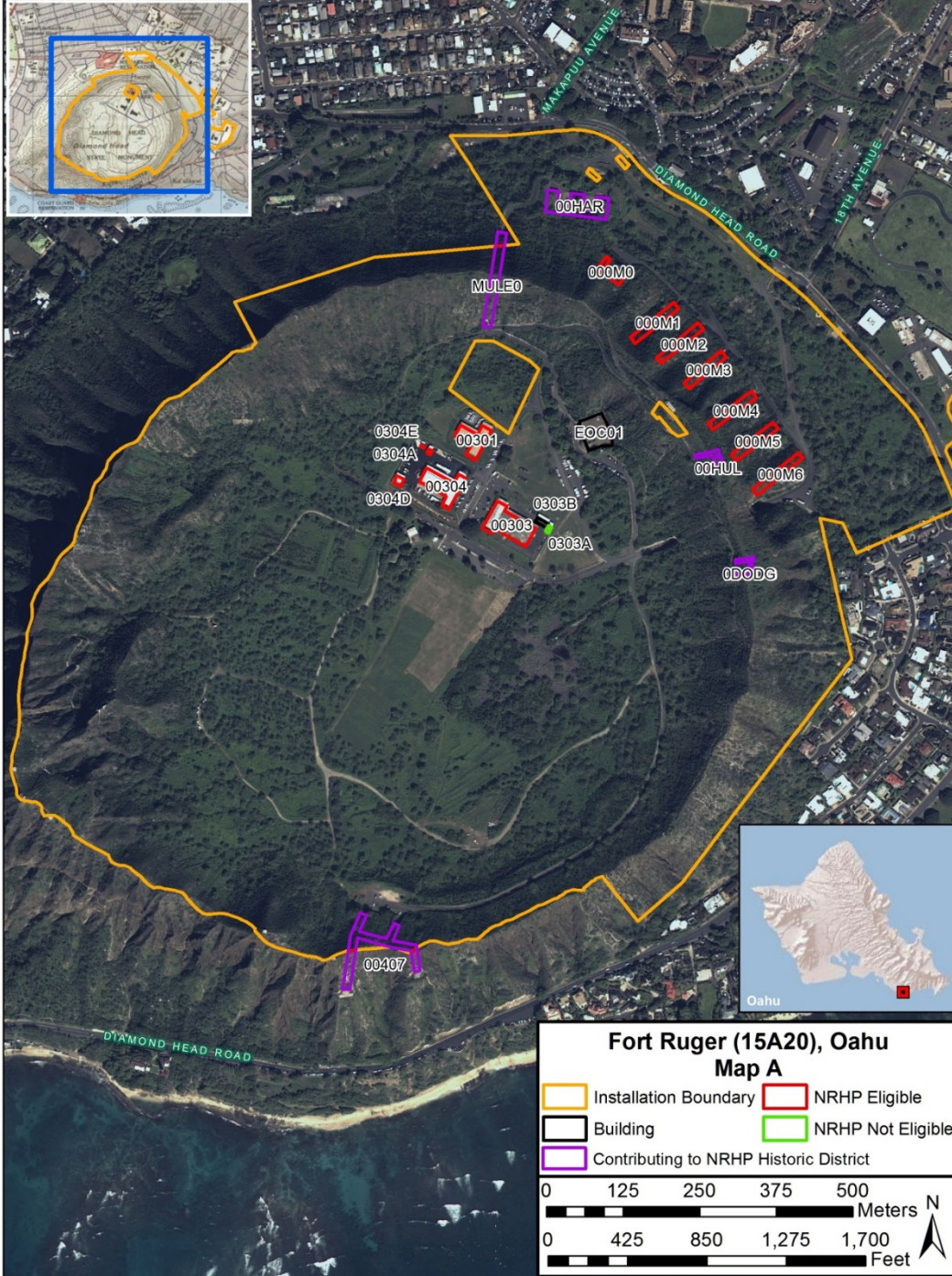
*“2.4.1 Relocation Plan – The State DOD is planning to relocate its National Guard Facilities to Barbers Point, which may involve vacating Building 301, 303 and 304. When funding is available, these buildings will be demolished and the sites will be landscaped.” 2003 Update*

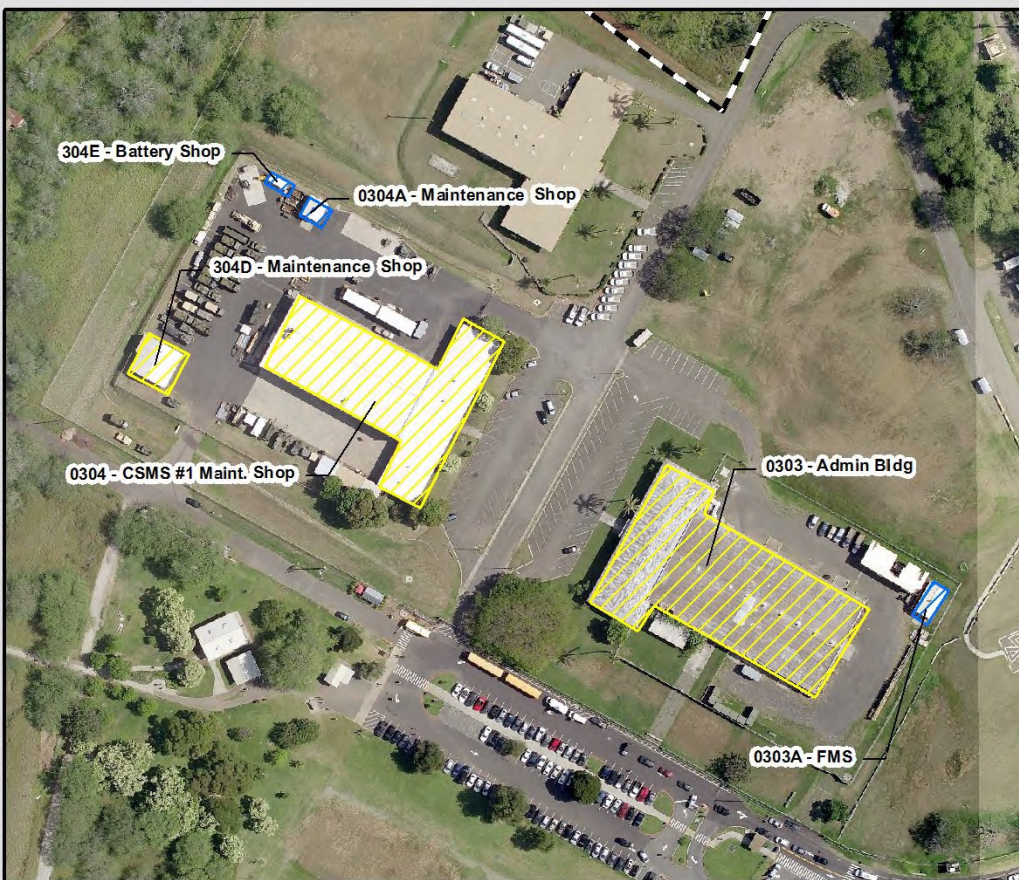


# Project Background






HRS Ch. 6E-32 (a)(3) and (b)“There shall be a Diamond Head State Monument as a historical site on Oahu to be administered by the department of land and natural resources, and to consist of: Those state lands more fully described in this section that may be best used for recreational purposes and to increase public access and enjoyment of the monument.... All state lands within and adjacent to the monument shall be returned to the department for inclusion within the monument...”






**Surveyed Resources and Location  
Fort Ruger, O'ahu  
15A20**

-  Recommended Eligible-Contributing to District
-  Recommended Not Eligible
-  Installation Area

0 25 50 100 Meters  
0 75 150 300 Feet

Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P. Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community, Pictometry






# Project Background



Bldg. 301 and Bldg. 304 were evaluated for structural integrity as well as for the presence of hazardous materials. The Hazardous Materials Study identified asbestos-containing materials on the interior of both buildings and lead-based paint on the exterior of both buildings. Settling of the foundation and cracking of the walls and foundation were noted in Building 301 as well.



# Project Background



Both Bldg. 301 and Bldg. 304 were determined not able to support the DLNR State Parks Master Plan functions due to health and safety concerns. It was recommended that both buildings be demolished prior to the transfer to the DLNR State Parks.



## Bldg. 301 (1-unit Armory)



Building 301 was built in 1962. It was recommended as **individually** eligible for its **State Significance** to the Cold War and Hawaii Army National Guard armory construction in the 1960s. It was considered eligible under **Criteria A**: Association with a famous event (i.e. The Cold War) and under **Criteria C**: Association with a distinctive type/period/method of construction (i.e. typical 1960s HIARNG armory construction)

# Pictures of Bldg. 301



Bldg 301 Primary Facade



Bldg 301 Southwest Façade and lava rock wall



Bldg 301 Primary Facade



## Bldg. 304 (Combined Support Maintenance Shop)



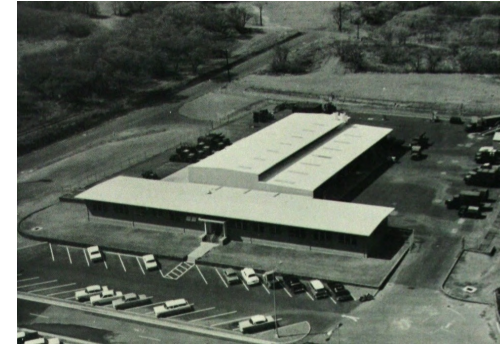
Building 304 was built in 1964. It provided repair and maintenance support for vehicles and equipment. It was recommended as a **contributing resource** to the expanded **Ft. Ruger Historic District**, but was considered not individually eligible for the National or Hawaii Register of Historic Places.



# Pictures of Bldg. 304



Bldg 304 Primary Facade



Bldg 304 circa 1964



Bldg 304 Rear Shop Portion



## Bldg. 304D (Carpenter Shop)



Building 304D was built in 1966 as a maintenance shop. It is a typical example of a ancillary structure associated with a maintenance shop. It was recommended as a contributing resource to the expanded Ft. Ruger Historic District, but was considered not individually eligible for the National or Hawaii Register of Historic Places.



# Pictures of Bldg. 304D



Bldg 304D Front Facade



Bldg 304D Interior



# Existing HIARNG Historic Armories



Ft Ruger – 3-unit Armory. Built 1960



Kapaa – 1-unit Armory. Built 1957



Kealakekua – 1-unit Armory. Built 1961



Keaau – 1-unit Armory. Built 1957



# Existing HIARNG Historic Maintenance Shops



Kalaheo – Maintenance and Repair Hangar. Built 1944.



Kalaheo – Navy Maintenance Hangar. Built 1958.



Kealahou – Vehicle Maintenance Shop. Built circa 1949.



# Proposed Mitigation



The HIARNG is planning to contract a Historic American Building Survey (HABS) of Bldg. 301, Bldg. 304 and Bldg. 304D. The HABS will document the buildings with pictures, a narrative history as well as construction drawings. The final HABS will be stored at the Library of Congress.



Input/Comments/Questions?