

**HICKAM FIELD, NCO HOUSING TYPE 7
(Hickam Air Force Base, Building 412)
210 Eleventh Street
Honolulu
Honolulu County
Hawaii**

HABS No. HI-164-AK

**HABS
HI-164-AK**

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

**Historic American Buildings Survey
National Park Service
Department of the Interior
San Francisco, California**

HISTORIC AMERICAN BUILDINGS SURVEY

HICKAM FIELD, NCO HOUSING TYPE 7 (Hickam Air Force Base, Building 412)

HABS
HI-164-AK
(Page 1)

HABS No. HI-164-AK

- Location:** 210 Eleventh Street
City and County of Honolulu, Hawaii
U.S.G.S. Pearl Harbor, Hawaii Quadrangle 1999 (7.5 minute series)
Universal Transverse Mercator Coordinates 04.607960.2360560.
- Significance:** Building 412 is a part of the early development of Hickam Air Force Base as the Army Air Corps expanded its operations in Hawaii before World War II. It was built during the second phase of housing construction, which began in 1939, and was designed with features that adapt it well to the Hawaiian climate.
- Description:** Building 412 is single-story building in a rectangular plan with a concrete slab on grade, concrete hollow tile walls with a painted finish and brick sills at the windows on the exterior. The building has a hip roof covered with asphalt shingles; originally the roof was covered with rigid asbestos shingles. The main roof has two small (approximately 1'-0" high), fixed louver vents at each end of its ridge. The section of hip roof over the front bedroom has no vent. The eaves of the roof are open, with clipped rafter tails and overhang about 3'-6". At the rear of the building, the family room has a low-slope shed roof. The front entry doorway has a painted wood door of five vertical planks with v-joints and an aluminum screen door. The rear entry door to the family room is flush wood.
- The interior of Building 412 is typically painted plaster walls, v-joint canec ceilings in a centered pattern, and floors covered with carpet or vinyl flooring. There are two square recessed light fixtures in the living room ceiling. The ceiling of the family room is painted open rafters and plywood roof sheathing. The kitchen, service porch, and bath have painted plaster ceilings. The living room and bedrooms have a picture rail set about ¼" from the ceiling. Typical windows are two-over-two light double-hung sash, with jalousie windows in the bathroom and service porch, and screened openings in the family room. Typical interior doors are single-panel with brass doorknobs and escutcheon plates. The door from the service porch to the added family room is flush wood with a jalousie panel.
- Historical Context:** Building 412 was built in 1940 or early 1941. Original plans are dated August 11, 1939 and were prepared under the direction of John A. Hunt, the Captain of the Quartermaster Corps at Hickam Field. Building 412 was part of a second phase (*Honolulu Star Bulletin* 10 August 1939, 1) of housing construction at Hickam Field which began in late 1939 (*Honolulu Star Bulletin* 6 November 1939, 1). This building was one of thirty-one Type 7 quarters of the same plan which were built at Hickam for occupation by non-commissioned officers and their families. Each building was designed for one family, with three bedrooms and 1133

HICKAM FIELD, NCO HOUSING TYPE 7
(Hickam Air Force Base, Building No. 412)
HABS No. HI-164-AK (Page 2)

square feet of floor space (Hickam Air Force Base History Office 1941). The appropriation for the phase of housing construction which included the Type 7 buildings was approved on June 14, 1939 (*Honolulu Star Bulletin* 14 June 1939, 1) and the buildings were all completed by April 9, 1941, the date noted on the completion report for the type 7 quarters (Hickam Air Force Base History Office 1941).

The Type 7 housing units were part of the development of Hickam Air Base in the late 1930s and early 1940s as the Army Air Corps shifted its operations from Ford Island and utilized the larger area available to them in the new location. The housing planned for the new Air Base was designed "in keeping with the Hawaiian atmosphere and traditions" with some buildings placed on curving streets and amidst extensive landscaping plants, all planned to give a leisurely feeling to the community (Nurse 1938, 10).

The initial housing construction was done by Robert McKee Construction Company of Los Angeles CA. and was finished by July 1939 (Hunt ca. 1940, 6). Much of the housing construction of the second phase, which began in 1939 and was finished during 1941, was done by E.E. Black, Ltd., of Honolulu.

There have been several modifications to Building 412 since it was constructed, the most noticeable of which is the addition of a family room off the rear of the building. The original rear entrance door from the service porch now opens into this addition. Also, a new doorway from the hall to the service porch has been created, and the doorway from the service porch to the kitchen has been relocated.

For additional information, see HABS HI-164-AP Hickam Field, Hickam Historic Housing.

Sources:

Hickam Air Force Base History Office. 1941. "Completion Report, Buildings and Structures, NCO. Single Quarters Type 7." Completion report of unit type on file in the Real Estate records. 9 April.

Hickam Air Force Base Plan Files. 1939. Historic plans of unit type 7, plan #6812-397-3055. 11 August.

Honolulu Star Bulletin. 1939. "Big Program for Air Field Building Here." 14 June.

_____. 1939. "10 Million To Be Spent at Hickam." 10 August.

_____. 1939. "Bids On New Jobs Will Be Opened on Dec. 8." 6 November.

Hunt, John A. 1940. "Construction of Hickam Field." *The Quartermaster Review*, November-December.

_____. Ca. 1940. *Hickam Field*, T.H. Pamphlet at Hawaii State Library.

**HICKAM FIELD, NCO HOUSING TYPE 7
(Hickam Air Force Base, Building No. 412)
HABS No. HI-164-AK (Page 3)**

J.M. Waller Associates and Mason Architects, Inc. 2003. *Building Preservation Plan of Selected Historic Homes for Hickam Air Force Base*. Honolulu: Hickam Air Force Base.

Nurse, Captain H. B. 1938. "Hickam Field, The Army's Newest and Largest Airdrome." *Air Corps Newsletter*, 15th ABW History Office, Hickam Air Force Base. 1 July.

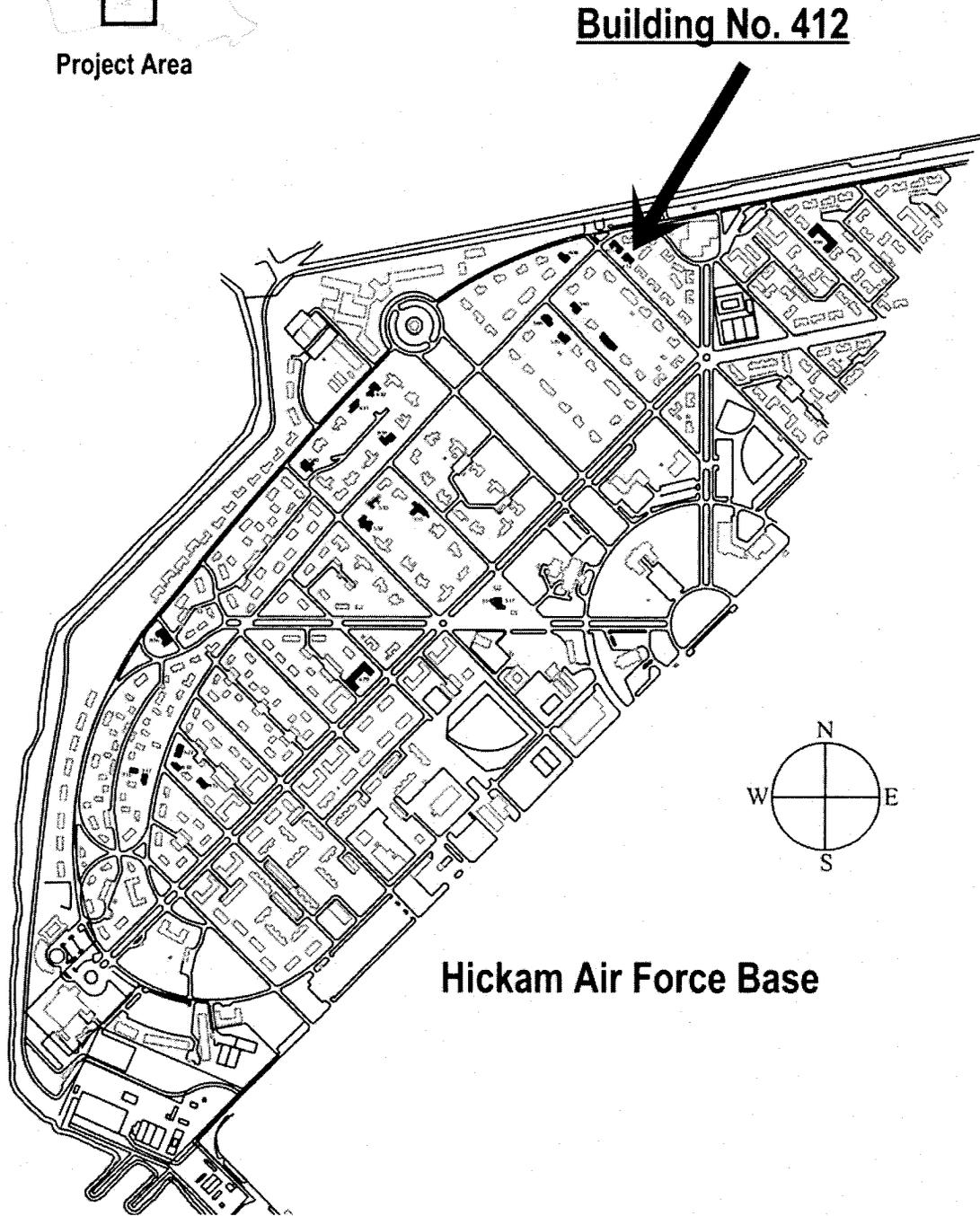
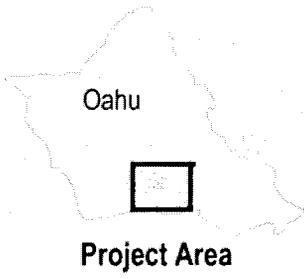
Project Information: This report was prepared as part of a project to privatize all military housing under the control of the 15 Airlift Wing. Approximately 656 of the 1332 base housing units to be privatized are within the Hickam Historic District. Because the units within the historic district will be altered, a representative unit of each type was selected for preservation; to be restored as part of the Programmatic Agreement (August 2000) for Hickam's Historic District. This report documents the buildings before their restoration. The photographic documentation was undertaken by David Franzen, photographer. Dee Ruzicka, Architectural Historian at Mason Architects, Inc., wrote the written documentation and conducted field work (November 2005 – February 2006) and research for this report.

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Date of Report: April 2007

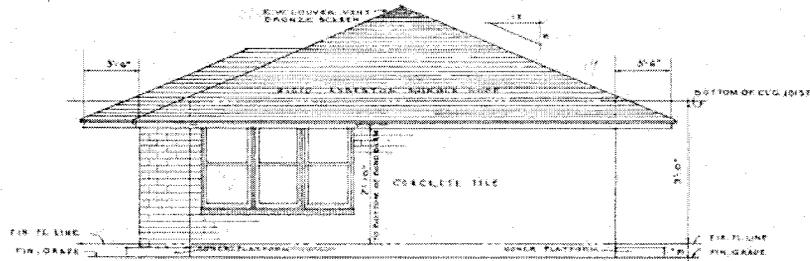
HICKAM FIELD, NCO HOUSING TYPE 7
(Hickam Air Force Base, Building No. 412)
HABS No. HI-164-AK (Page 4)

Building 412 location map (not to scale)

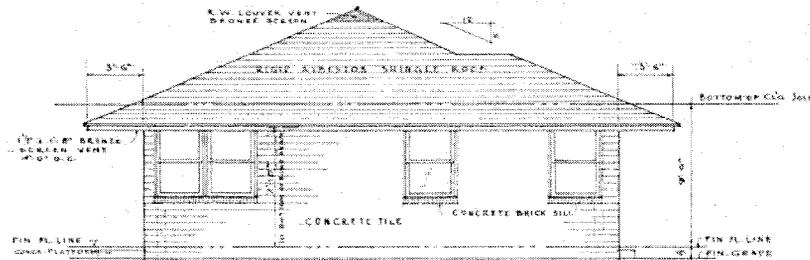


HICKAM FIELD, NCO HOUSING TYPE 7
 (Hickam Air Force Base, Building No. 412)
 HABS No. HI-164-AK (Page 5)

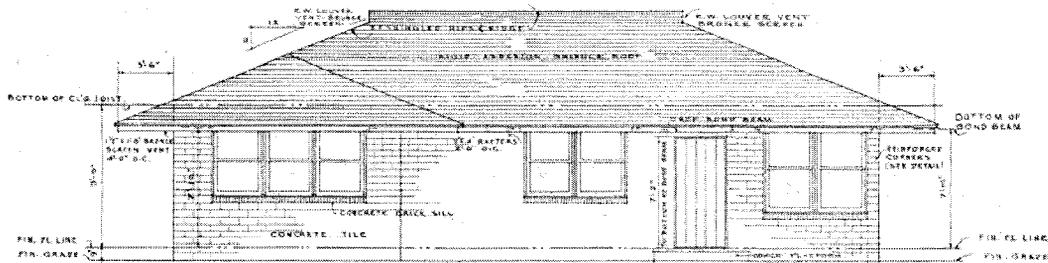
Portion of original drawing of Type 7 buildings dated August 11, 1939. Hickam Air Force Base Plan Files 1939.



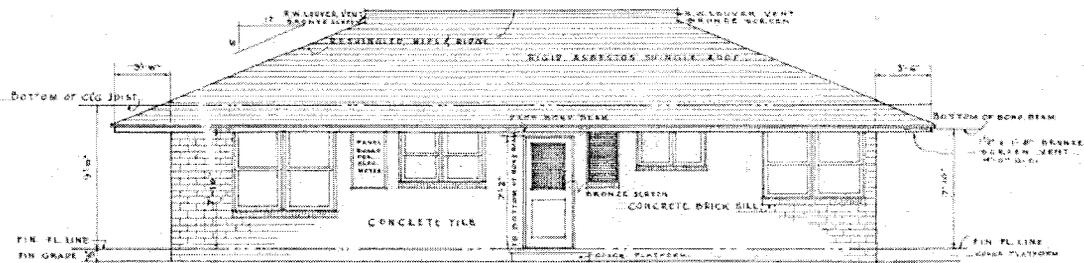
SIDE ELEVATION
 SCALE 1/4" = 1'-0"



SIDE ELEVATION
 SCALE 1/4" = 1'-0"



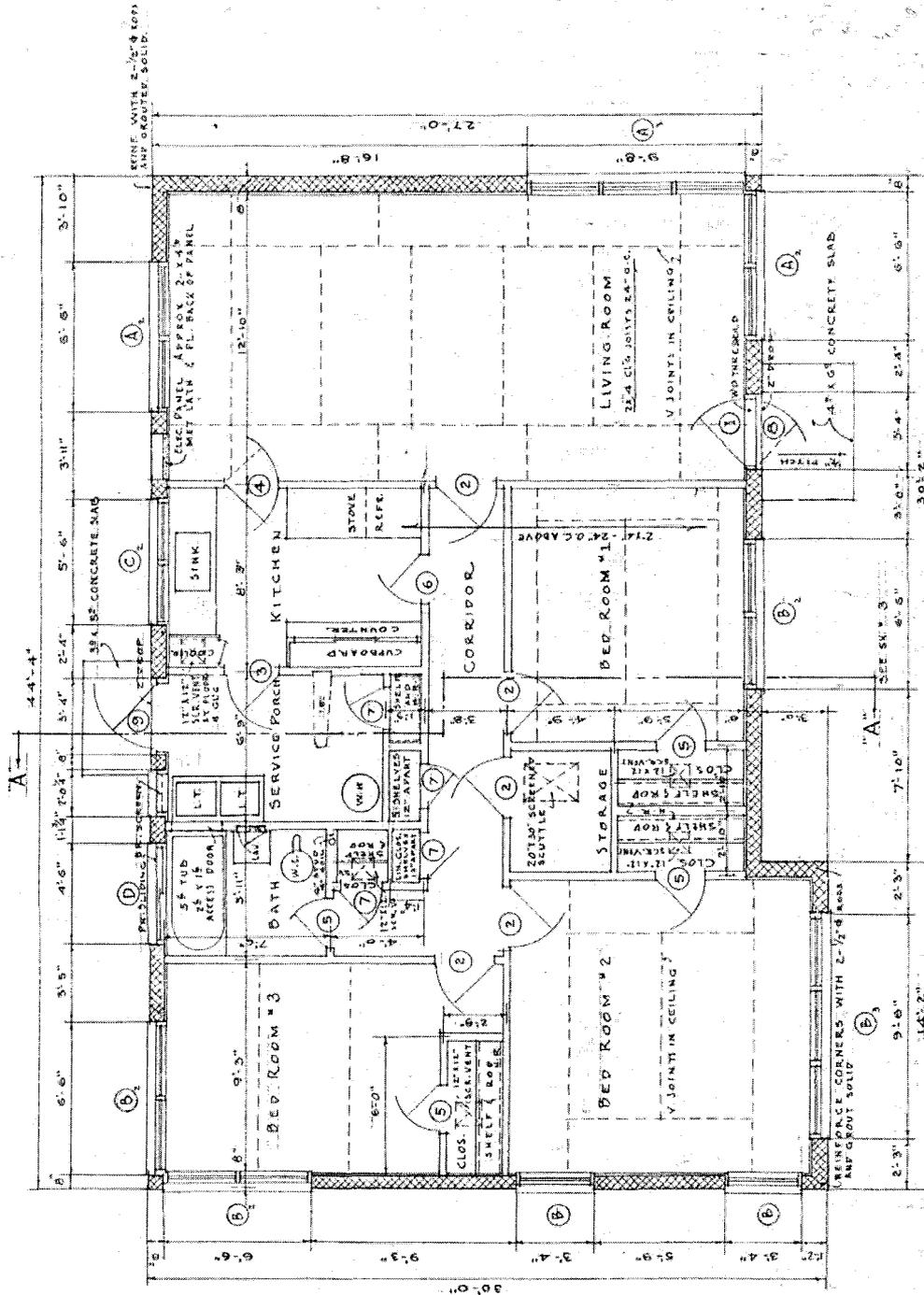
FRONT ELEVATION
 SCALE 1/4" = 1'-0"



REAR ELEVATION
 SCALE 1/4" = 1'-0"

HICKAM FIELD, NCO HOUSING TYPE 7
 (Hickam Air Force Base, Building No. 412)
 HABS No. HI-164-AK (Page 6)

Portion of original drawing of Type 7 buildings dated August 11, 1939. Note the absence of family room and doorway from service porch to the hall. Hickam Air Force Base Plan Files 1939.



NOTE:
 ALL PIERS 14" OR LESS IN WIDTH
 TO BE GROUTED SOLID & SHALL HAVE 2-1/2" φ BARS REINF.
 ALL DIMENSIONS ARE FROM FACE OF
 CONCRETE TILL TO CENTER OF STUDS
 UNLESS OTHERWISE SHOWN OR NOTED.

FLOOR PLAN
 SCALE 1/4" = 1'-0"