

**U.S. NAVAL BASE, PEARL HARBOR, CHIEF PETTY OFFICER'S
QUARTERS**

HABS No. HI-442

(U.S. Naval Base, Pearl Harbor, Naval Station Ford Island)

(U.S. Naval Base, Pearl Harbor, Dependent Quarters)

(Facility No. 31)

31 Belleau Wood Loop

Pearl Harbor

Honolulu County

Hawaii

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

**HISTORIC AMERICAN BUILDINGS SURVEY
National Park Service
Department of the Interior
Oakland, California**

HISTORIC AMERICAN BUILDINGS SURVEY

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David Franzen, Photographer

November 3, 1998

- HI-442-1 OBLIQUE EXTERIOR VIEW OF FRONT AND NORTH SIDE.
- HI-442-2 OBLIQUE EXTERIOR VIEW OF REAR AND SOUTH SIDE, WITH FACILITY 32
BEYOND ON RIGHT.
- HI-442-3 EXTERIOR VIEW OF SOUTH SIDE
- HI-442-4 INTERIOR VIEW OF KITCHEN, LOOKING TOWARD LIVING ROOM.

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Photo Site Map

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HISTORIC AMERICAN BUILDINGS SURVEY

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(U.S. Naval Base, Pearl Harbor, Naval Station Ford Island)
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- Location:** 31 Belleau Wood Loop, Ford Island
Pearl Harbor Naval Base
City and County of Honolulu, Hawaii
- U.S.G.S. Pearl Harbor Quadrangle, Hawaii, 1999
7.5 Minute Series (Topographic) (Scale - 1:24,000)
Universal Transverse Mercator Coordinates 4.608550.2362770
- Significance:** The five remaining bungalows for Chief Petty Officers (CPO) on Belleau Wood Loop form the only remaining historic neighborhood at Pearl Harbor built for this rank of Navy personnel. The buildings are also significant as a group of vernacular houses that reflect Hawaii's architectural solutions for low-cost housing. The bungalows, which were built as part of the initial Naval Air Station on Ford Island, are associated with the establishment of Navy aviation in Hawaii and with the attack on Pearl Harbor on December 7, 1941. This house and the others in the CPO neighborhood are contributing elements to the Pearl Harbor Naval Base, which was designated a National Historic Landmark in 1964.
- Description:** Facilities 28, 29, 31 and 32 are four similar two-bedroom, one-story bungalows built in 1923 (see HABS No. HI-440, 441, and 443 for reports on the other three). These four remaining 1923 bungalows, plus a 1938 CPO bungalow (Facility 90, see HABS No. HI-444), are located on the harbor side of Belleau Wood Loop. They face a large grassy area enclosed by that road and are sheltered by scattered large trees. (See HABS photo No. HI-440-1 in the report for Facility 28 for a contextual view of the neighborhood.) The landscape setting at the front of the houses is notable, plus their rear yards have views of Pearl Harbor, and for some of them, views of battleship mooring quays and the Arizona Memorial.
- Distinguishing Features of Facility 31**
- See the report for HABS No. HI-440 for an overall description of the typical 1923 CPO bungalow design. This report does not repeat the general information, but emphasizes characteristics that distinguish

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Facility 31 from the other three bungalows. The most significant differences seen in this house are at the rear of the building.

A laundry room, approximately 10' x 12', was added as an extension from the kitchen. The room is of single-wall board-and-batten construction, with a shed roof at a much lower pitch than the original hip roof. This is the only addition, among these CPO houses, built upon diagonally braced wood posts.

The side door to the house leads into the laundry room from an exterior wood landing with plywood over the railing. The modern door has jalousies in the upper portion, and an aluminum screen over that, so there is no separate screen door. Four concrete steps with wood railing descend from the landing to the west. The south side of the addition has a one-over-one-light double-hung window to the right of the side door. The east and north sides each have a pair of one-over-one-light double-hung windows.

Besides the laundry room addition, another renovation occurred at the rear of the house. A concrete slab measuring approximately 10' x 10', and approximately 6" above grade was constructed to the north of the addition and served as a patio.

The girt on Facility 31 may date from the time of construction or be a later addition. The girts on Facilities 28 and 29 were constructed at windowsill level, while the girt in Facility 31 was constructed at mid-window level, as in Facility 32.

Other notable characteristics seen in Facility 31 include partial foundation screening, plywood roofing underlayment, and kitchen elements. A few of the spaces between the concrete piers of the house are covered with diagonal lattice. The tall upper-kitchen cabinets have two pairs of two-light glass doors. The cabinets and drawers in the kitchen below the counter level are metal and appear to date from the 1950s.

See HABS photo No. HI-440-6 in the report for Facility 28 for a photograph of a similar-looking living room, and photo No. HI-440-7 for a view of a similar-looking hall area.

Historical Context:

For an overall history of Ford Island, see HABS No. HI-382. For the history of the Chief Petty Officer's neighborhood, see HABS No. HI-440. A detailed history of this house is not possible because no original plans and only a few 1981 repair drawings exist. From maps and early historic photos, it is evident that this bungalow was built as one of a group of six similar buildings. Some of the additions and alterations are evident by comparing the early photos to the current condition. These changes are described in the description section above, but cannot be dated.

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When the Japanese attacked Pearl Harbor on December 7, 1941, the damage sustained to the USS *Arizona* resulted in fires that continued to burn in its hulk for three days. It has been reported that late in the evening of December 7th, falling embers from the *Arizona* caused a fire in the rear of "enlisted quarters near Berth Fox-6" (Shoemaker, 1941). It cannot be ascertained with certainty which of the bungalows in this grouping was damaged, but it may have been Facility 31.

Sources: Architectural Drawings: No original drawings and only a few repair drawings for this facility were found in the Plan Files of the Naval Facilities Engineering Command, Pacific.

Mariani & Associates Architects

1987 *Study/Survey of Historically Significant Army Family Housing Quarters. Installation Report, Pearl Harbor Naval Base.* December 1987. Prepared for the Department of Army, Contract No. DACA 65-85-C-0149.

Shoemaker, James M.

1941 Memorandum dated December 13, 1941 from Naval Air Station Commanding Officer, to Commandant, Fourteenth Naval District, Subject: Air Raid Attack by Japanese – Report on. In binder of individual reports of December 7, 1941 attack, provided by Jeffrey Dodge, Naval Facilities Engineering Command, Hawaii.

Project Information: Commander Navy Region (COMNAVREG) Hawaii has embarked on a program of documentation of historic properties within its area of responsibility, with the goal of recording historic information about each property and establishing its context of significance. This information will assist COMNAVREG Hawaii in the appropriate management of these properties, be it routine repair and maintenance for continuing use, rehabilitation for continuing use / adaptive reuse, or demolition. At this time, specific action that may affect this facility has not been determined. This report was prepared under a Historic Preservation Services contract (N62742-97-D-3502) awarded to AMEC Earth and Environmental, the prime contractor, by the U.S. Navy, Naval Facilities Engineering Command. The contract was funded through the Cultural Resources Program of COMNAVREG Hawaii. The photographic documentation was undertaken by David Franzen, of Franzen Photography. Location maps were prepared by Nestor Beltran of NAB Graphics. In 1998, the field work was done and a draft of this report was written by Dot Dye of AMEC. The draft was rewritten in 2002 by Mason Architects.

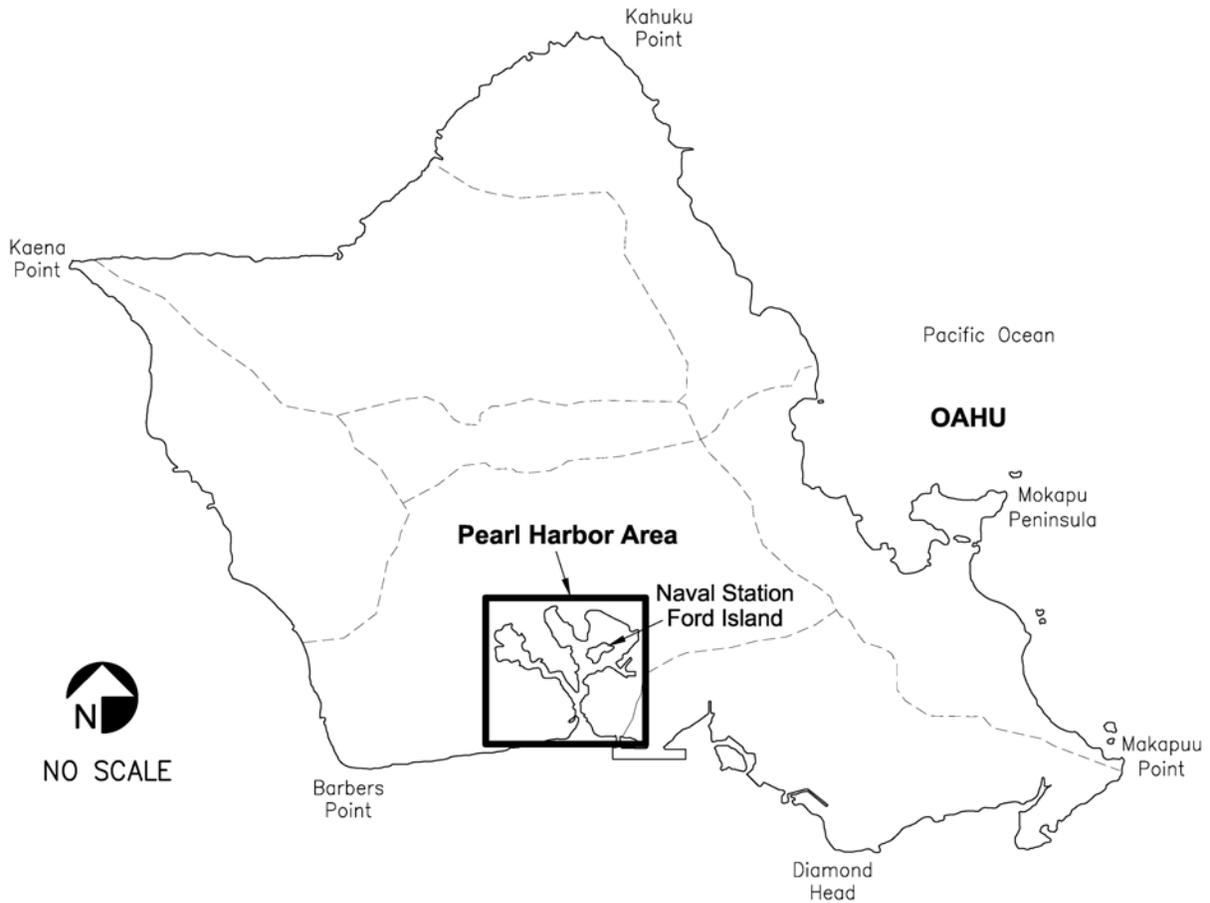
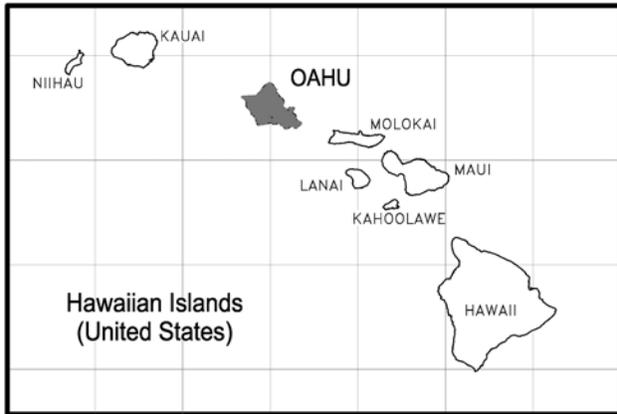
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Prepared by:

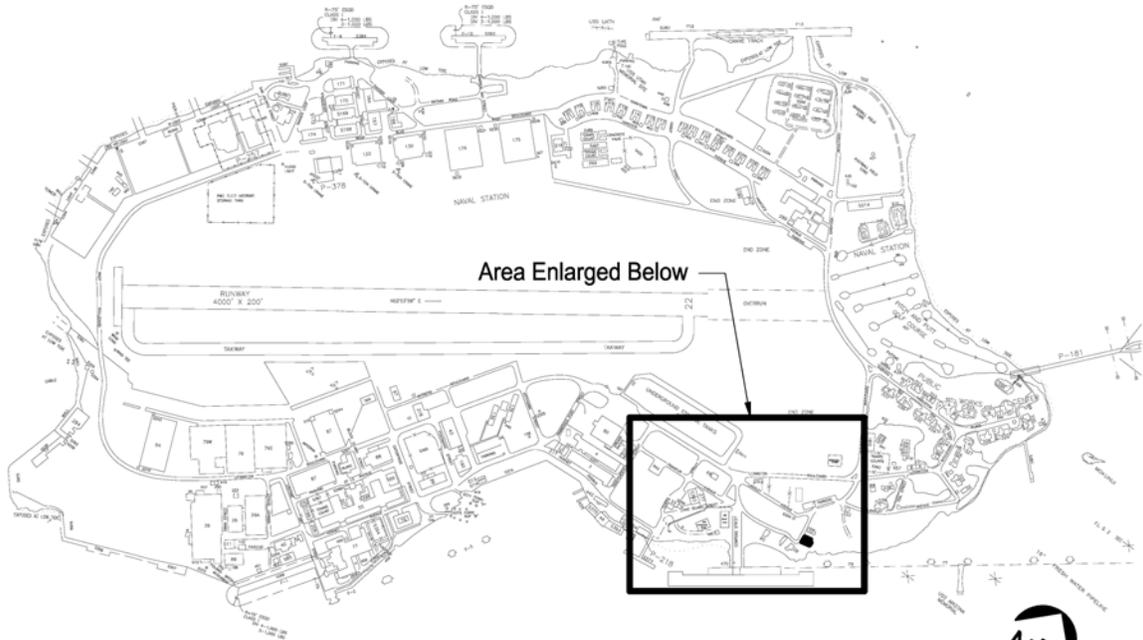
Polly Cosson and Ann Yoklavich, Architectural Historians
Mason Architects, Inc.
119 Merchant Street, Suite 501
Honolulu, HI 96813

Date of final report: July 2005

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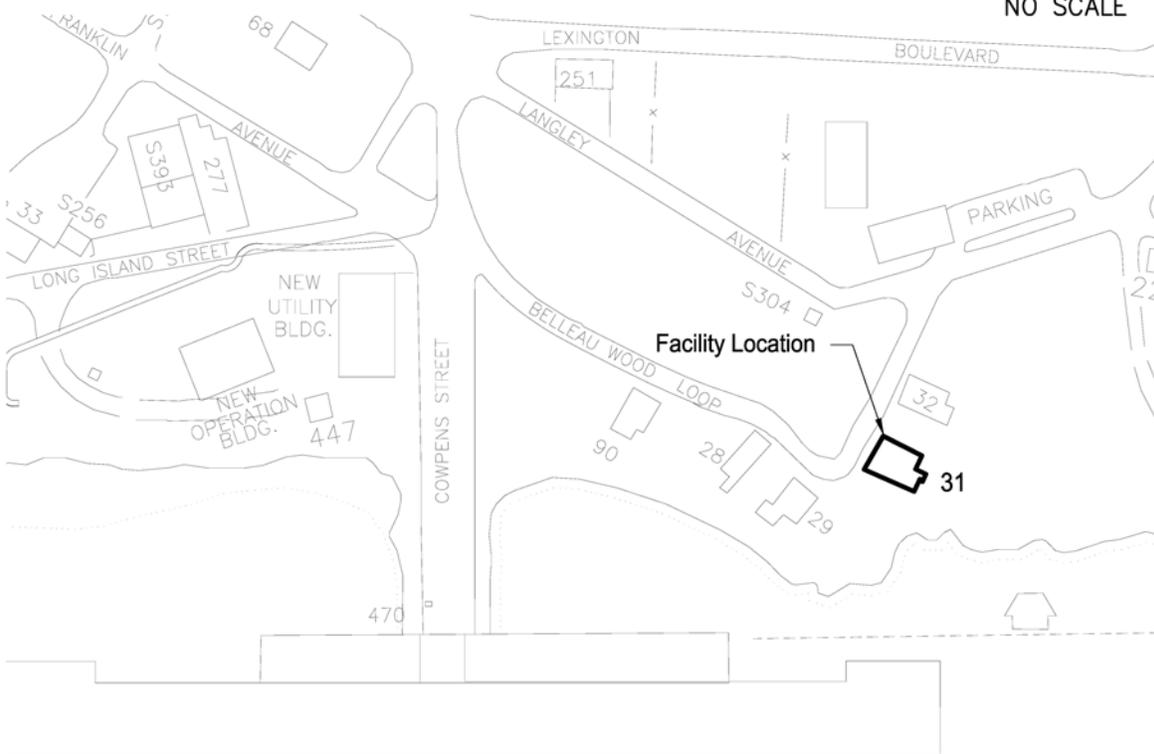


Area Enlarged Below

Vicinity Map



NO SCALE

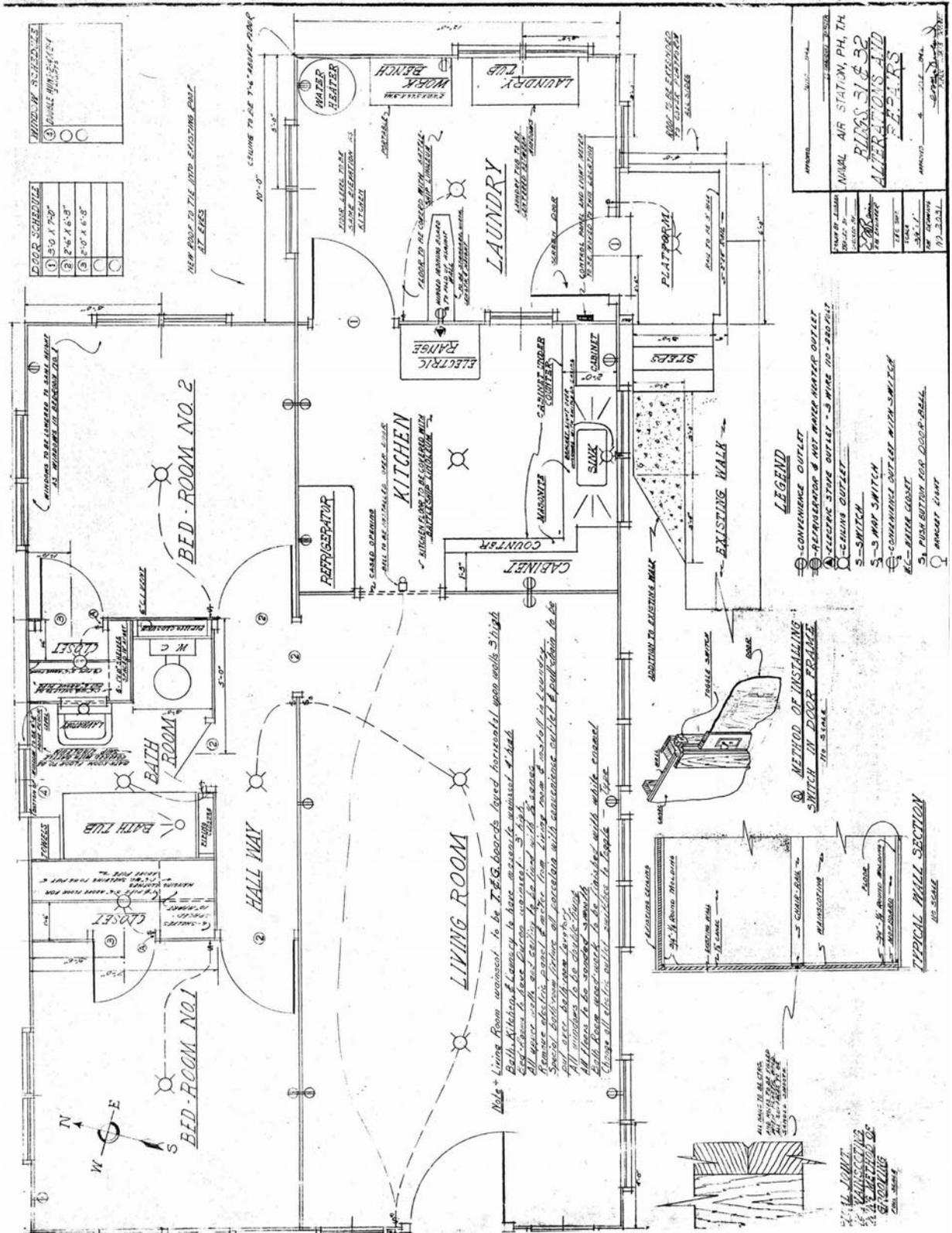


Facility Location

Site Map

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Navy Public Works drawing No. 2031 for Building 31 and 32 Alterations and Repairs dated June 4, 1946. (note that all the available floor plans for this house show three pairs of windows along the living room side wall, but there are only two pairs)



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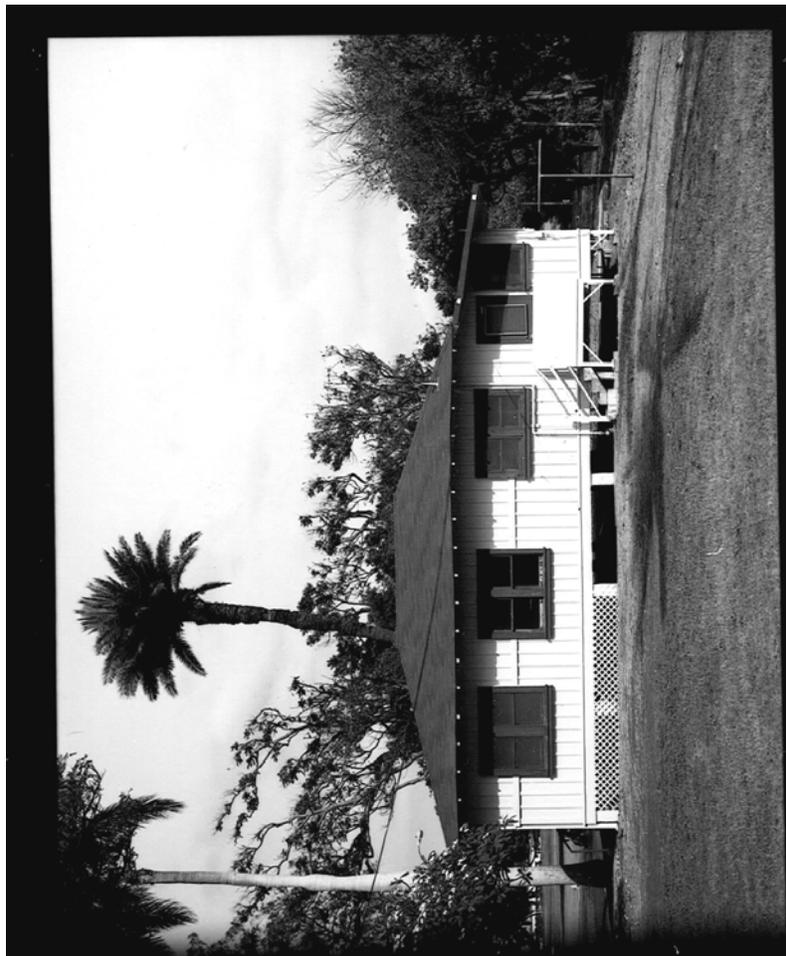
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HABS NO. HI-442-4

