U.S. NAVAL BASE, PEARL HARBOR, CHIEF PETTY OFFICER'S QUARTERS
(Dependent Quarters)
(U.S. Naval Base, Pearl Harbor, Naval Station Ford Island, Facility No. 29)
29 Belleau Wood Loop
Pearl Harbor
Honolulu County
Hawaii

HABS HI-441
HI-441

HABS
HI-441

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN BUILDINGS SURVEY
PACIFIC GREAT BASIN SUPPORT OFFICE
National Park Service
U.S. Department of the Interior
1111 Jackson Street
Oakland, CA 94607

HISTORIC AMERICAN BUILDINGS SURVEY

U.S. NAVAL BASE, PEARL HARBOR, CHIEF PETTY OFFICER'S QUARTERS
(U.S. Naval Base, Pearl Harbor, Naval Station Ford Island)
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(Facility No. 29)

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HABS No. HI-441
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Location:

29 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 4.608540.2362720

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, 442, 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 29

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 Facility 29 from the other three extant bungalows of this type. As mentioned in that overall report, only Facility 29 retains the original fenestration pattern, seen in the early historic photos, with two closely

spaced pairs of windows in the living room, plus a third pair of windows on the side wall of the original entry porch (now part of the living room). In addition, Facilities 28 and 29 are the only houses where the lower portions of the living room walls are covered with a wainscot of horizontal tongue-and-groove boards. The beveled edges of these boards create a V-groove effect. The wainscot is topped by a rectangular chair rail with canec panels above. The original varnished tongue-and-groove Fir flooring was observed in this structure. See HABS photo No. HI-440-6 in the report for Facility 28 for a view of a similar-looking living room, and photo No. HI-440-7 in the same report for a view of a similar hall area. Most of the other significant differences seen in this house are at the rear of the building.

Unlike the other houses of this type, the original rear door was not relocated. A utility shed, measuring 8'-0" x 6'-6", was built on the far side of the rear stair. Unlike the rear additions on the other 1923 CPO houses, it was built on a concrete slab, and not on post foundations. The addition is of single-wall board-and-batten construction. The shed roof over it and the rear stair is about the same pitch as the original hip roof. On its west side, the shed has a screen door, and one small screened opening. Both the south and east sides have screened openings, the pair on the east side shaded by a wood awning.

The rear entry of the bungalow is accessed via a semi-enclosed landing located between the house and the utility shed. The rear door has one light above a wood panel and a similar screen door with lower panel. Six concrete steps ascend to this landing, which contains a six-light awning window on its east wall. The fenestration on the rear of the house, which may be original, consists of one small one-over-one light double-hung window in the kitchen, and a larger pair of one-over-one-light double-hung windows in the rear bedroom

Besides the utility shed addition, another renovation occurred at the rear of the building. A concrete slab measuring approximately 10' x 10', and approximately 12" above grade was constructed to the west of the utility shed addition, and served as a patio.

The girt on Facility 29 may date from the time of construction or be a latter addition. The girts on Facilities 31 and 32 were constructed at mid-window level, while the girt in Facility 29 was constructed at windowsill level, as in Facility 28. At a few locations, the battens do not align vertically where they are intersected by the girt.

Other notable characteristics seen in Facility 29 include the lack of foundation screening, the plywood roofing underlayment (replacing much of the tongue-and-groove underlayment), and the kitchen design. The cabinets and the drawers in the kitchen are of wood construction. The kitchen sink appears to be original, or at least historic. It is enameled cast iron with rounded corners, old fixtures,

and a built-in slanting drain on the left side. Another difference at Facility 29 is the major damage to the windows and roof due to a recent fire and to firefighting in the unit.

Historical Context: For an overall history of Ford Island, see HABS No. HI-382. For the history of the CPO 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 section above, but cannot be dated.

Sources: 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.

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. A draft was rewritten in 2002 and the report finalized in 2005 by Mason Architects, Inc.

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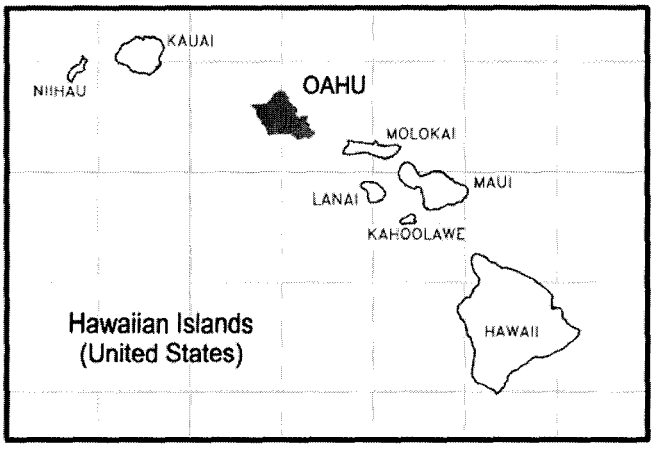
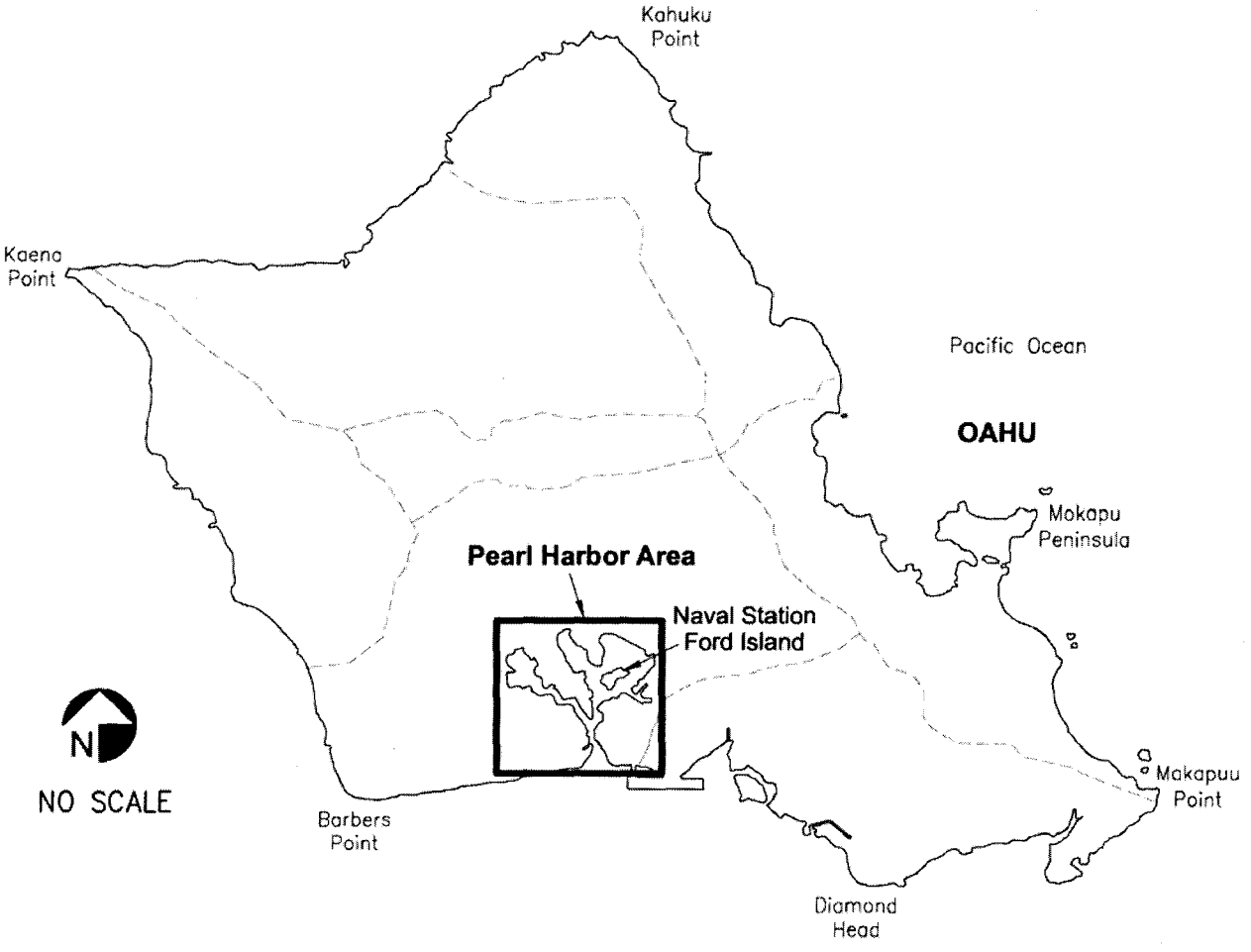
Date of final report: July 2005


KAUAI
NIIHAU
OAHU
MOLOKAI
MAUI
LANAI
KAHOOLAWE
HAWAII
Hawaiian Islands
(United States)


Kahuku
Point
Kaena
Point
Pacific Ocean
OAHU
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Pearl Harbor Area
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Barbers
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Makapuu
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Diamond
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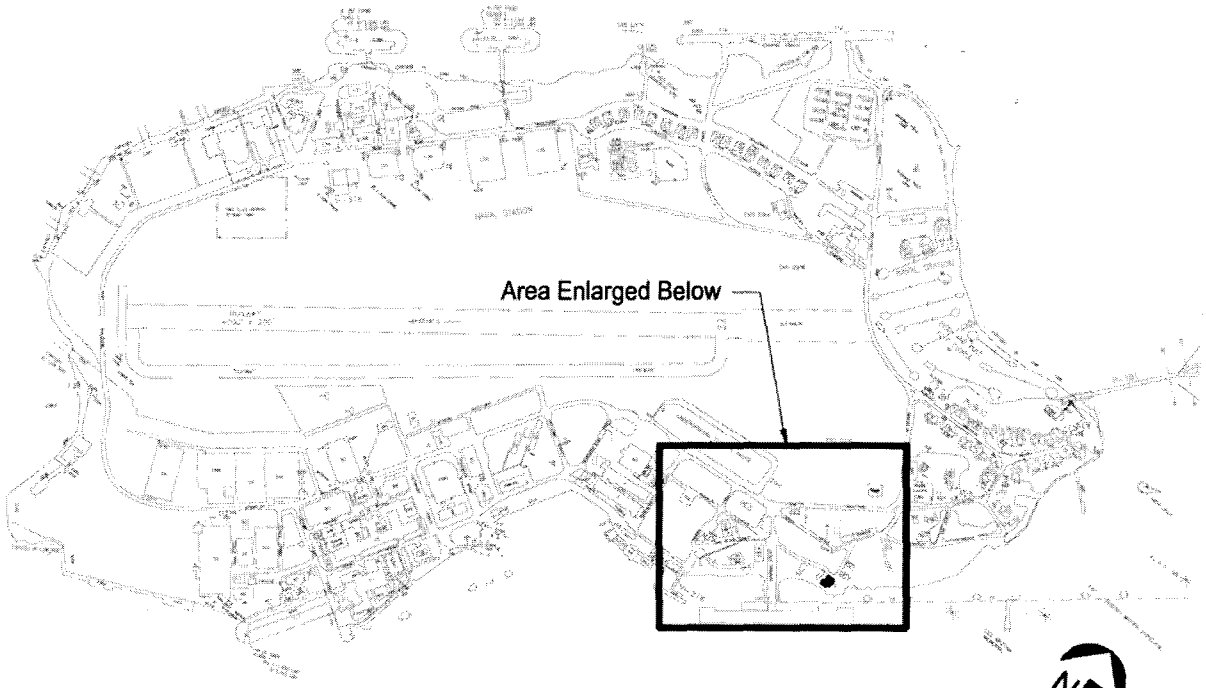
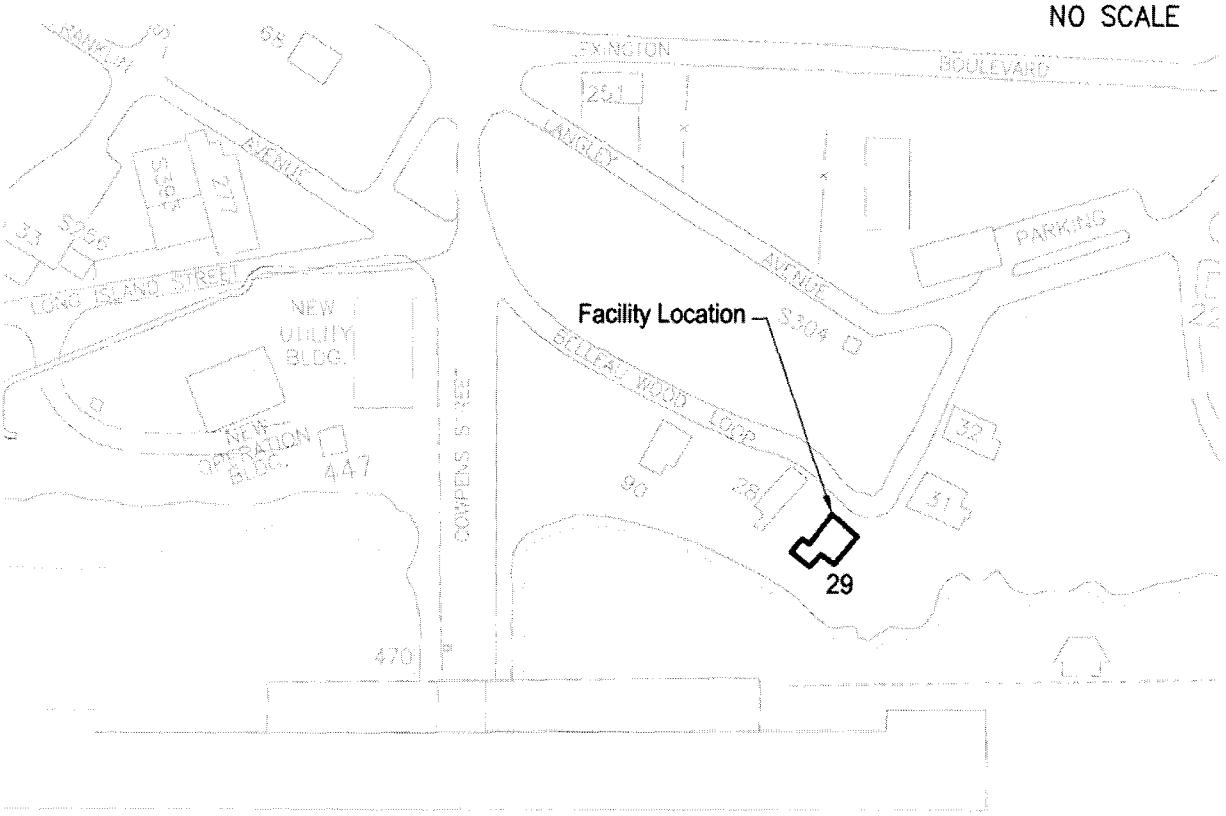
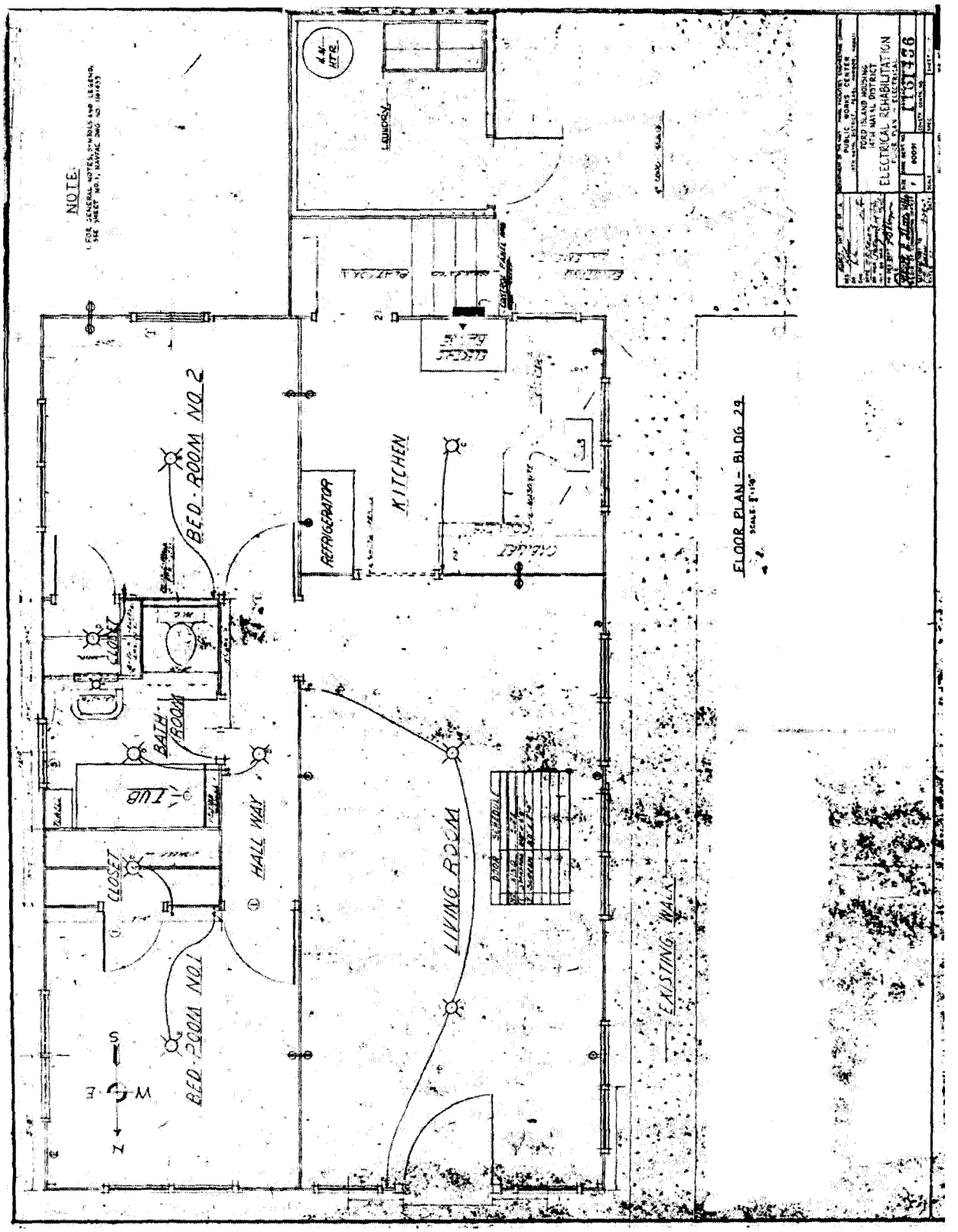


Vicinity Map

NO SCALE



Site Map

Fourteenth Naval District drawing No. 1161436 for Electrical Rehabilitation of Facility 29 dated September 24, 1967.