

U.S. MARINE CORPS BASE HAWAII, KANEOHE BAY, C.P.O.
CLUB & MARRIED ENLISTED MEN'S QUARTERS
(Building Nos. 410 & 402-405)
O'Neal Street between Moffat & Lawrence Roads
Kaneohe
Honolulu County
Hawaii

HABS HI-311-G
HI-311-G

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HI-311-G

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN BUILDINGS SURVEY
PACIFIC WEST REGIONAL OFFICE
National Park Service
U.S. Department of the Interior
1111 Jackson Street, Suite 700
Oakland, CA 94607

HISTORIC AMERICAN BUILDINGS SURVEY

**U.S. MARINE CORPS BASE HAWAII, KANEOHE BAY,
C.P.O. CLUB & MARRIED ENLISTED MEN'S QUARTERS
(U.S. Marine Corps Base Hawaii, Kaneohe Bay, Building Nos. 401 & 402-405)**

HABS No. HI-311-G

- Location:** O'Neal Street between Moffett & Lawrence Roads
U.S. Marine Corps Base Hawaii
Kaneohe, Honolulu County, Hawaii
- U.S. Geological Survey, Mokapu Pt. HI 1998 quadrangle, 7.5 minute series Universal Transverse Mercator coordinates for these buildings are:
- | | |
|--------------|-------------------|
| Building 401 | 04.629010.2371900 |
| Building 402 | 04.629070.2371900 |
| Building 403 | 04.629120.2371900 |
| Building 404 | 04.629180.2371890 |
| Building 405 | 04.629230.2371880 |
- Present Owner:** The United States Marine Corps
- Present Occupants:** The United States Marine Corps
- Present Use:** Income Tax Preparation (Building 401); Housing (Building 402 – 405).
- Significance:** Buildings 401 – 405 were built in 1941 as part of the early development of the Naval Air Station at Kaneohe Bay, and all existed at the time of the Japanese attack of December 7, 1941. All five buildings were designed with the same basic plan, with adaptations to the local climate, such as large expanses of windows and wide overhanging eaves which are elements of Hawaiian regional housing design.
- Description:** Building 401 is single-story with an irregular footprint with overall dimensions of approximately 141'-4" by 70'-4". Its north section has a multi-hip roof covered in asphalt composition. The south section of the building has a shed roof that is covered with built-up roofing. The eaves on the hip-roof (north) section overhang about 3'-0". On the shed-roof (south) section the eaves overhang about 1'-6". Building 401 has a concrete slab floor.
- On its north section, Building 401 has exterior walls of vertical wood siding and concrete hollow tile. Some of the windows on this section are original three-over-three-light wood-framed double-hung windows with horizontally oriented lights. Other windows are jalousie and all windows have security screens of expanded metal mesh. The building entry doorways on this section are flush wood double doors and a single aluminum-frame storefront door. The exterior walls of the shed-roofed (south) section of the building are concrete masonry units (CMU). The

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east end of this section of the building has horizontal siding in the upper portions of the walls, above a level about 6' to 8' above the sloping grade. The CMU at the corners of the east portion of this shed-roofed section is set in a recessed quoining pattern. Windows in the shed-roof section are jalousie with security screens of expanded metal mesh. The main entry to this section of the building is a double aluminum-frame storefront door located at the south side. This door is accessed by either a five-step cast-concrete staircase or a cast concrete ramp up from grade. Both the stairs and ramp have a metal pipe railing. At the east end of this section is a flush wood door accessed by a four-step wood staircase with wood handrails.

The interior of Building 401 is typically carpeted, with painted gypsum board and concrete hollow tile walls and canec panel ceilings. The north section is divided into offices. The south (shed-roof) section has a lounge area at the west end. The remainder of the south section is a large open area with a line of wood posts extending down the center of the room's long axis. In the lounge, an area of the north wall is constructed of concrete hollow tiles with a recessed quoin pattern at one corner.

Buildings 402 through 405 are single-story duplex residence buildings that have multi-hipped roofs that are covered with asphalt shingles and overhang the walls about 3'-6". They have a single hipped-roof dormer with screen vents on the south-facing slope of their roofs. The buildings are identical, with a rectangular shaped footprint that has a projecting section along one long side. The overall footprint dimensions are about 73'-6" by 40'-0". The buildings are concrete CMU and wood frame construction with horizontal vinyl siding on their exteriors. The party wall between the units is made of two CMU walls about 3" thick with a space between them to give a total thickness of about 12" (Naval Facilities Engineering Command 1940, drwg 143670). The buildings have concrete wall foundations and concrete slab floors.

Buildings 402 – 405 have three-over-three-light wood framed double-hung windows with wide, horizontally-oriented lights. Corner windows are found at the living room and front bedrooms, giving a wide expanse of glass to the front façade of the buildings. The bedroom corner windows have paired double-hung windows along the front and a single double hung window along the side. The living room corner windows have quadruple double-hung windows along the front and paired double-hung windows along the side.

The main entries for Buildings 402 – 405 are on the north side of the duplexes. The entry has a quarter-circle concrete stoop that is one step up from grade level. Although specified on original plans to be a double door (Naval Facilities Engineering Command 1940, drwg 143670), the front entry door is a single door with infill panels of plywood on either side. The rear doors to the units are flush wood doors with a jalousie panel. Buildings 402 – 405 have shed-roof carports at their east and west sides, one carport for each unit in the duplex. The carports are open, with concrete floors and roofs supported by 2 ½" metal pipe posts.

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The interiors of Buildings 402 – 405 typically have painted plywood wall paneling with v-joints, and ceilings of large, painted, canec panels with v-joints. The bathroom doors in these buildings have a large solid upper panel and a louver vent bottom panel and are surrounded by molded casings. The bathrooms also have partitions at the toilet stalls. Most of the interior areas of the buildings have quarter-round moldings at the ceiling cornice and at the inside corners of the walls. Some of the closets have built in shoe shelves.

Historical Context:

Facility 401 was built in 1941. It originally served as a C.P.O. club (Bureau of Yards and Docks 1945, 1036). Although no original drawings for Building 401 could be located for this report, from a historic photograph (NARA College Park October 18, 1942) it is apparent that 401's footprint and exterior design were the same size and type as the married enlisted men's quarters duplex buildings nearby (Buildings 402 – 405). Alteration drawings for Building 401 from 1961 and 1984 (Naval Facilities Engineering Command 1961, drwg 929607, and 1984, drwg 7046743) show the original floor plan imbedded in the surrounding additions.

By 1961 the original 73'-6" by 40'-0" footprint of Building 401 had been enlarged to 141'-4" by 70'-4". This was accomplished with the 141'-4" x 31'-2" shed-roofed addition to the south side of the building, and an approximate 30' x 28' section that was built at the northwest corner, which continued the hip roof of the original structure (Naval Facilities Engineering Command 1961, drwg 929607). At that time the south section held a stage, auditorium and ball room, party room and bar, and storage rooms. The section built at the northwest corner had a former dining area and former kitchen, and the original area contained a foyer, and restrooms. By 1984 the south section had been partitioned into numerous office and work spaces (Naval Facilities Engineering Command 1984, drwg 7046743). Also that year, many of the spaces in the south section had been combined into seven primary areas, shown on a floor plan as; fiscal, pay accounts, lobby, travel, lounge, supply, and a restroom (Naval Facilities Engineering Command 1984, drwg 7057205). The north section held areas for chaplain, admin, disb.[sic] officer, nook, and restrooms.

Buildings 402 through 405 were built in 1941 as duplex quarters for married enlisted men (Bureau of Yards and Docks 1945, 1036). Housing, especially small rental homes that were suitable for the families of Navy personnel stationed on Oahu, was in scarce supply at the time that the Naval Air Station at Kaneohe was being built (*Honolulu Advertiser* 1940, 6). The Navy was aware of this situation, and during the planning for the air station, in 1939, had already marked out a location for seven buildings for married enlisted men very near to where Buildings 402-405 were actually constructed (MCBH Base Engineering Archive Files 1939, drwg 133218).

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Original drawings for the married enlisted men's duplex housing are dated July 31, 1940 (Naval Facilities Engineering Command 1940, drwg 143670). The buildings originally had plywood walls with horizontal joints in the living areas, the kitchens and baths had vertical joint plywood. Canec ceilings were originally in the living areas, with plywood in the kitchens and baths. The concrete slab floors were originally covered with asphalt tile flooring, and the roof was covered with light weight interlocking shingle tiles with a slip-glazed finish (Naval Facilities Engineering Command 1940, drwg 143670).

In 1969 Buildings 402 – 405 were re-roofed with asphalt composition shingles (Naval Facilities Engineering Command 1969, drwg 1260132). In 1976 the bathrooms in Buildings 402 – 405 were remodeled, and all fixtures were replaced. The original flush valve toilets were replaced with tank-type toilets, tubs were replaced with new tub/shower fixtures with sliding glass doors and new ceramic tile surround. The original wall-hung lavatory was replaced with a vanity and the medicine cabinet was replaced (Naval Facilities Engineering Command 1976, drwg 7012451). The kitchens in Buildings 402 – 405 were renovated in 1981 with new countertops and sinks (Naval Facilities Engineering Command 1981, drwg 7034423). Sometime after 1981 the laundry area outside the rear of the kitchen was enclosed. A repair drawing dated July 1981 shows the units without the enclosures (Naval Facilities Engineering Command 1981, drwg 7034423). Exterior doors were installed on the carport side and on the opposite side of these enclosures. The enclosures were roofed with an extension of the rear slope of the hip roof.

Sources:

ARCHITECTURAL DRAWINGS

Marine Corps Base HI, Kaneohe Bay, Base Engineering Archive Files
Base key plan map and Roads and Services maps: 133218 – 133222, dated October 21, 1939. Located at Marine Corps Base Hawaii, Kaneohe Bay, Base Engineering Office.

Naval Facilities Engineering Command, Plan Files
Drawings for Building 401: 872945 dated September 1959, 929607 dated May 1961, 929776 dated August 1961, 7046743 dated July 1984, 7057205 through 7057207 dated June 1984. Located at Bldg 346, Pearl Harbor Naval Base.

Drawings for Buildings 402 – 405: 5133 dated December 1940, 5134 dated August 1942, 143670 dated July 1940, 1260132 dated October 1969, 7012451 dated March 1976, 7034419 dated July 1981, 7034423 dated July 1981. Located at Bldg 346, Pearl Harbor Naval Base.

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Map N1-1-2, "Conditions on March 1, 1956." Located at Bldg.
346, Pearl Harbor Naval Base .

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Honolulu Advertiser

"Homes For Navy Folk Is Big Problem Now." 14 April, 1940,
p. 6. "

National Archives and Records Administration, College Park
Photograph # 80-CF-7974-28775-41, October 18, 1942.

National Archives and Records Administration, San Bruno

Map OA-N12-210 "Gun Emplacements, Location Plan" of Naval
Air Station, Kaneohe. San Bruno, CA: Pacific Region. April 8,
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NAVFAC Archives, Port Hueneme, CA

Map OA-N1-679 of Naval Air Station, Kaneohe, "Showing
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Naval District Map books. .

Map OA-N1-1511 of Naval Air Station, Kaneohe, "Showing
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Map OA-N1-1975 of Naval Air Station, Kaneohe, "Showing
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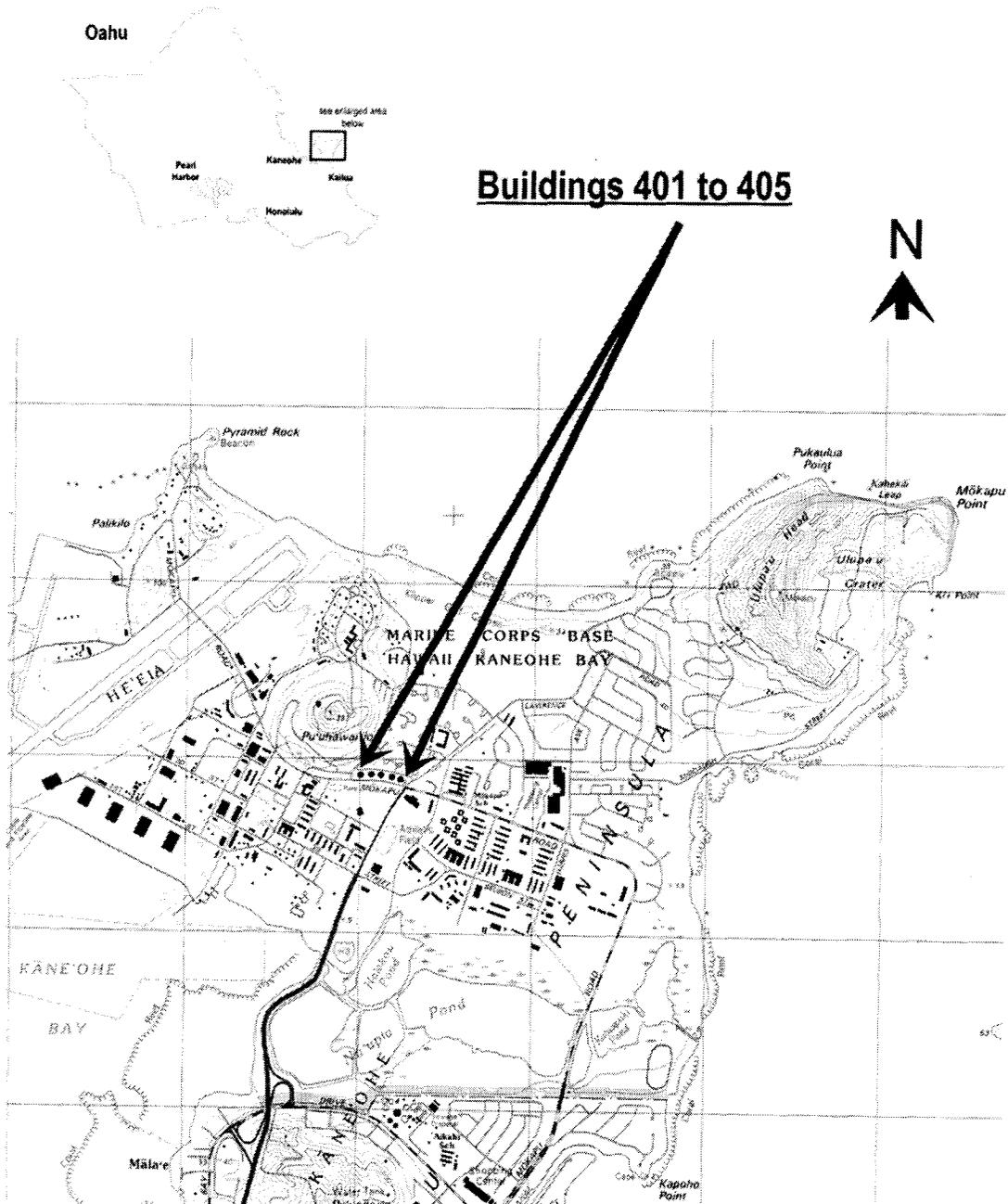
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Project Information: This report was prepared in advance of anticipated renovations or demolition of the buildings. Photographs for this report were taken by David Franzen in May and June, 2006 and the written portions of the report were researched and prepared by Dee Ruzicka.

Date of Report: June 2006

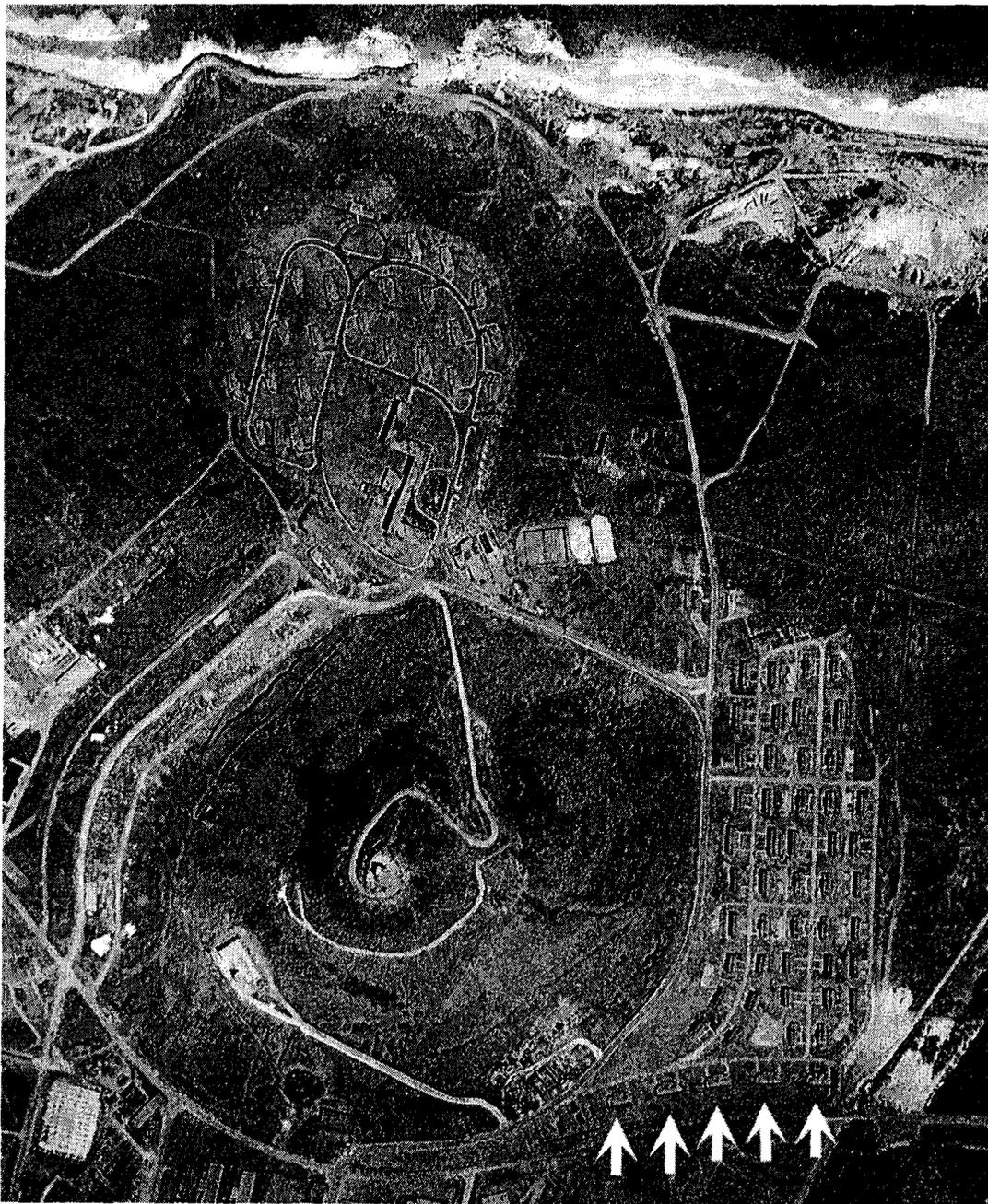
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Location map for Buildings 401 through 405.



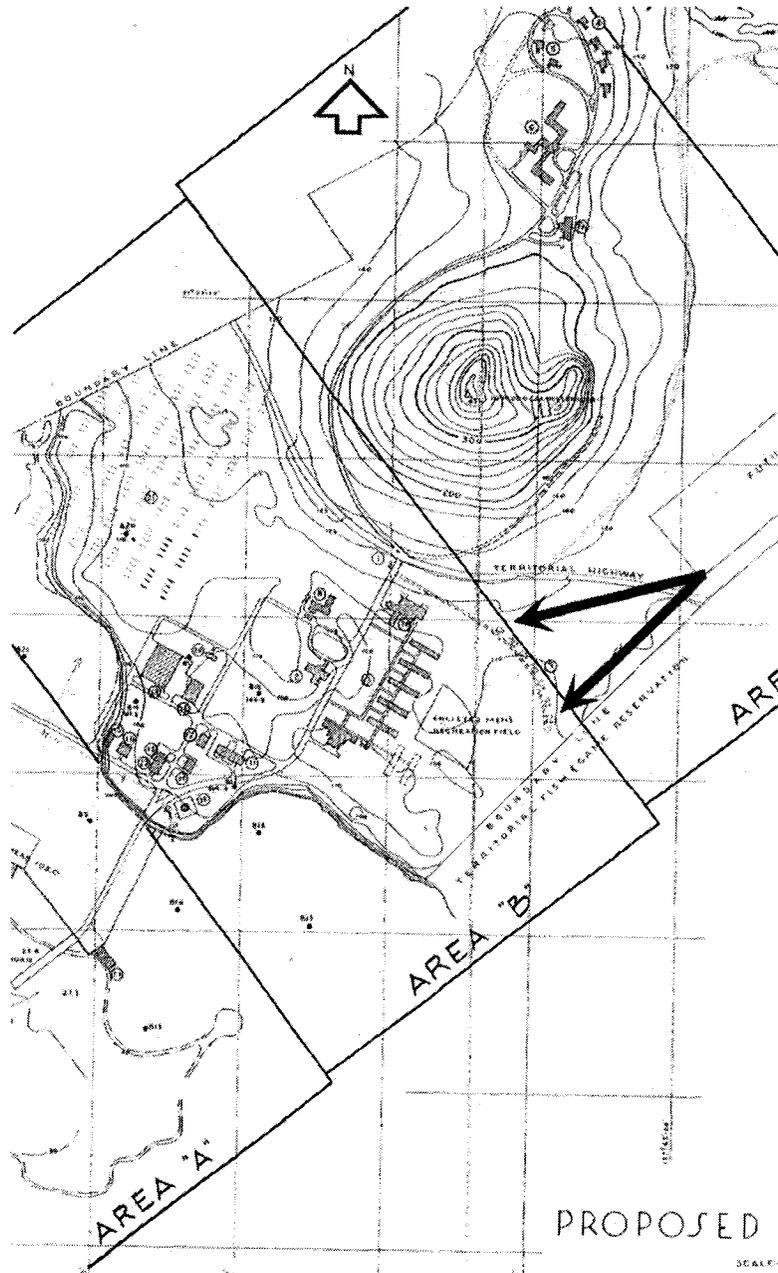
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Historic aerial photo dated October 18, 1942, showing the C.P.O. Club (Building 401) and Married Enlisted Men's Quarters (Building 402 – 405) at the lower right (arrows – left to right).
From NARA College Park, photo 80-CF-7974-28775-41.



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Portion of original drawing for U.S. Naval Air Station Kaneohe showing the proposed layout for the station, dated October 21, 1939. Note the seven structures (arrows) at item no. 9, which are shown in outline designating "future construction" and described as "Quarters – married enlisted men (deferred)." These seven structures are in the eventual location of Buildings 401-405. From MCBH Base Engineering Archive Files 1939, drawing 133218.



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Portion of original drawing for Married Enlisted Men's Quarters, Buildings 402 through 405, dated July 31, 1940. Note the party wall (at center) separating the two units of the duplex building. From Naval Facilities Engineering Command 1940, drawing 143670.

