

U.S. NAVAL BASE, PEARL HARBOR, PAINT & OIL STORAGE
(U.S. Naval Base, Pearl Harbor, Naval Shipyard, Facility No. 548)
(Shop 64 Paint Locker)
Near intersection of Avenue E & Seventh Street, adjacent to Facility
Nos. 3A & 56
Pearl Harbor
Honolulu County
Hawaii

HABS HI-504
HI-504
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HI-504

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, PAINT & OIL STORAGE (U.S. Naval Base, Pearl Harbor, Naval Shipyard) (Facility No. 548)

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- Location:** Near intersection of Avenue E and Seventh St.
Adjacent to Facility 3A and Facility 56
Pearl Harbor Naval Base
City and County of Honolulu, Hawaii
- This building falls within the UTM coordinates of the Pearl Harbor Naval Shipyard as defined in the location section of the overview report HABS No. HI-483. This building's UTM coordinates are: Zone 4 608260E 2361400N.
- Significance:** Facility 548 was constructed in the Shipyard during the World War II period at Pearl Harbor. This paint and oil storage facility was built adjacent to Facility 56, which was originally a salvage storehouse. Located within the Pearl Harbor National Historic Landmark, this building embodies a distinctive type and period of construction that represents a unique building form.
- Description:** This facility is a one-story structure with a narrow rectangular floor plan and an overall height of approximately 10'. It is constructed entirely of concrete and has a slab-on-grade concrete foundation. The rear or southeast wall of the structure abuts an elevated road that runs parallel between Facility 548 and Facility 56. This road slopes from Facility 7 (to the south) and levels off when it joins Avenue E to the north. The exterior walls are 6" thick. The exterior wall along the south side of the building has a thickened concrete base 12" deep up to approximately 5' above ground level.
- The roof is a flat, reinforced concrete surface that is 1' thick and covered with a rolled asphalt roofing material. It overhangs the east and west sides of the structure by approximately 30" and the north and south sides by about 6". Rectangular in shape, the roof design is synonymous with the simple geometric form of Facility 548.
- Entry into this facility can be obtained from two locations. The first is through a set of original steel doors at the north wall of the building. Above the doors are two rectangular framed openings covered on the exterior by expanded metal screens. The second entry door is a single flush steel door with steel framing. It is located along the west wall at the southwest corner of the building.

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This facility was also built without windows and a system of ventilation holes was instead implemented in the design of the building. Two rows of staggered recessed ventilation holes 6" in diameter are present along the east and west walls of Facility 548. The holes are made from steel pipe, and screened on the interior with expanded metal mesh on metal frames with each frame screening an average of 6 interior holes. The west wall also has another row of holes approximately 10" off the pavement that are 3" in diameter.

The interior space is entirely open from floor to ceiling and end-to-end. There are visible areas where the concrete materials have been patched or repaired. Storage materials currently occupy this interior space.

Historical Context: According to the Navy Database Facility 548 was built in 1944 during the construction boom of World War II at Pearl Harbor. Its distinct building form and design characteristics make it unique to its neighboring facilities. With exception to some visible interior repairs this facility has remained historically intact. Since its inception this building has served as a facility for paint and oil storage. Now known as the Shop 64 Paint Locker, Facility 548 is used as the paint storage facility for the Woodwork Shop.

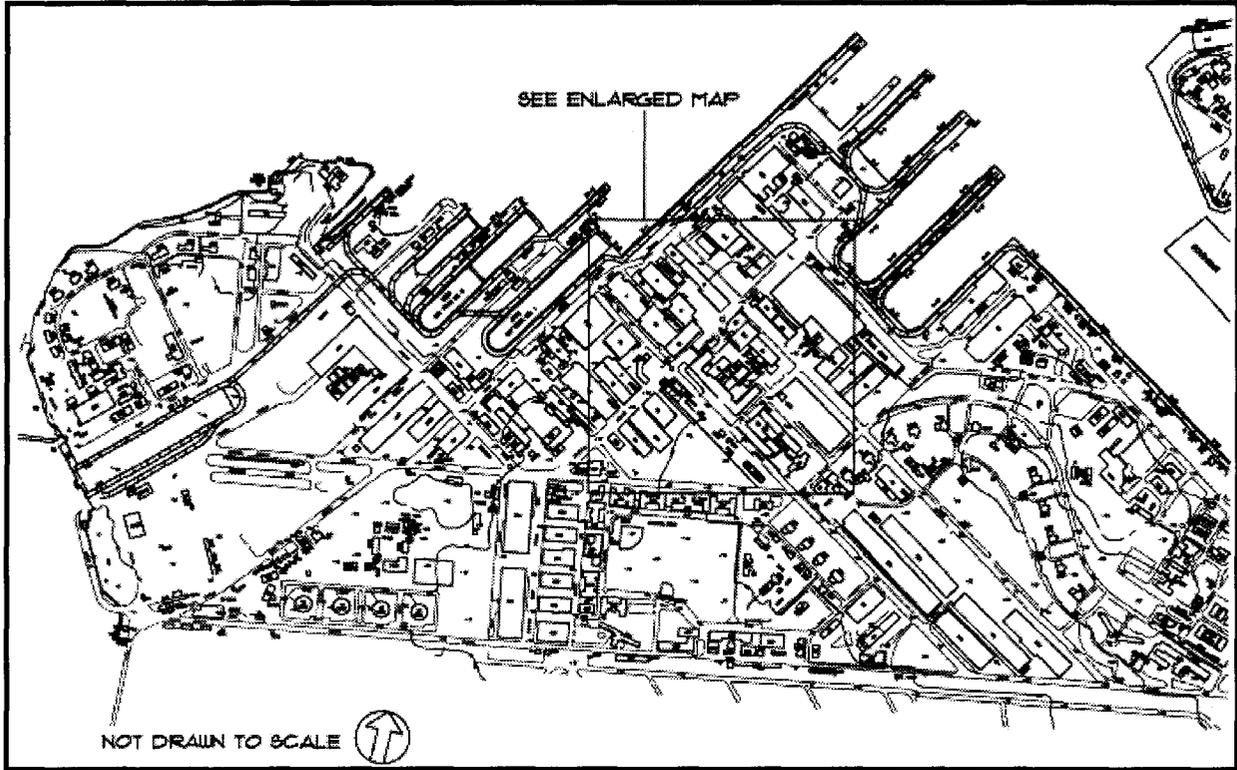
For an overview of the Naval Shipyard see HABS No. HI-483.

Sources: There were no drawings found for this building. Information about Facility 548 was obtained from the Fourteenth Naval District (1951); sheet I-N1-322. Aside from this, no other information regarding Facility 548 has been found.

Project Information: Photo documentation and recordation of this facility by the Navy has been done in anticipation of future alterations or potential demolition of the structure. Photo documentation of historic facilities by the Navy assists in expediting planned undertakings by having the documentation prepared prior to taking actions. Also, photo documentation assists the Navy in gaining more information about its historic facilities to assist in making proactive management decisions. This project is being supervised by Jeffrey Dodge, Historical Architect, NAVFAC Hawaii. The photographic documentation was undertaken by David Franzen, photographer. Joanmarie N. Orlowski, Architectural Historian, of Mason Architects, Inc. prepared the written documentation. The field work and research was conducted for this report between July 2001 and December 2001.

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Shipyard Map



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Enlarged Area Map (reduced, not to scale)

