

U.S. NAVAL BASE, PEARL HARBOR, INGOT & ORE
STOREHOUSE
(U.S. Naval Base, Pearl Harbor, Naval Shipyard, Facility No. 385)
Seventh Street near Central Avenue intersection
Pearl Harbor
Honolulu County
Hawaii

HABS HI-503

HI-503

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HI-503

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, INGOT AND ORE STOREHOUSE (U.S. Naval Base, Pearl Harbor, Naval Shipyard) (Facility No. 385)

HABS
HI-503
HABS No. HI-503
(page 1)

- Location:** Seventh Street near Central Avenue intersection
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 608160E 2361120N.
- Significance:** Facility 385 is located within the Pearl Harbor National Historic Landmark. It is one of the most intact examples of the type of storehouses built during World War II. The building is of a distinctive type and period of construction, an example that maintains a high architectural integrity. It has continuously been used as a storage facility since it was constructed in 1943.
- Description:** Facility 385 is a one-story structure. Rectangular in plan, this facility is three bays wide and six bays long with an overall dimension of 96'-0" x 48'-0". It has a wood frame construction with girts equally spaced, diagonal bracing, and 6" x 8" columns that sit on concrete footings. The entire structure rests on a 6" thick reinforced concrete slab on grade foundation (rising 4 ½" above the surrounding pavement) and an exterior wall of concrete curbing. Enclosing the wood frame on the exterior is vertical board and batten siding.
- The building has a gable roof with a wood truss roof frame that is supported by the interior wood columns and overall structural framing of the building. Covering the roof are corrugated metal roofing panels on 3" x 8" purlins and paired 2" x 8" clipped rafters, which are all exposed at the interior. A metal ridge roll covers the ridgeline and a wood fascia forms a horizontal band at the edge of the overhang eaves.
- Fenestration has been non-existent in this facility since it was constructed in 1943. In lieu of windows, horizontal bands of metal mesh screens are located at the north and south walls above the board and batten siding and beneath the roof eaves. These screens provide ventilation and some natural light to this otherwise completely enclosed structure. With exception to the structural frame, the interior has an open floor plan, open ceiling, and minimal detailing.

U.S. NAVAL BASE, PEARL HARBOR, INGOT AND ORE STOREHOUSE
(U.S. Naval Base, Pearl Harbor, Naval Shipyard)
(Facility No. 385)
HABS No. HI-503 (Page 2)

Entry into Facility 385 is through a pair of large-scale, sliding three-panel wood doors at the east and west ends. These doors operate from a door track and hanger system with metal guides and door stops at ground level. Historic photos and 1943 drawings indicate that the two doors were initially just one sliding door with four panels of diagonal tongue-and-groove boards. Sometime after 1978 these original doors, door tracks, and hangers were removed and replaced with the sliding doors that are used today.

The sliding doors at the east end of the building open to an adjoining reinforced concrete slab that measures 140'-0" x 48'-0". The slab is enclosed on all sides by a chain link fence with 2" mesh fabric and metal pipe posts. A wood double door entry gate is located along the north elevation providing an alternate access to this enclosed area. Five concrete bins measuring 30'-0" x 12'-0" and standing 6'-0" high are built at the southeast corner atop the slab with 6'-0" high concrete retaining walls as the dividing line between each one.

Historical Context:

Facility 385 was originally constructed as a storehouse at the Navy Yard, Pearl Harbor. The original drawings are dated September 14, 1943, September 18, 1943, and October 9, 1943 and construction was completed in November 1943. During World War II, the uses of storehouse buildings were often shifting to adjust to different priority and spatial needs. During World War II, Facility 385 was used as an ingot and ore storehouse for the Foundry. It is unknown when the use of the facility changed but it currently serves as Woodworking Shop Storage.

This building is located among several historical buildings along Seventh Street that are associated with the needs of the Foundry (Facility 6). Several of these were constructed during the establishment of the Navy base before World War I. Other buildings along Seventh Street like Facility 385 were built as part of the expansion of facilities at Pearl Harbor. Facility 14 is adjacent to Facility 385 and aligned in a row with Facilities 154 and 15. The Foundry and Facilities 12 and 7 sit opposite these buildings along Seventh Street. This group of buildings works together to define the historic character of Seventh Street at its south end.

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

Sources:

The original drawings for this building are on microfilm at NAVFAC PAC Plan Files. A historic photo was obtained from the Pearl Harbor Naval Shipyard Photo Collection, Photo Number VSJ-165-6-77 F19.

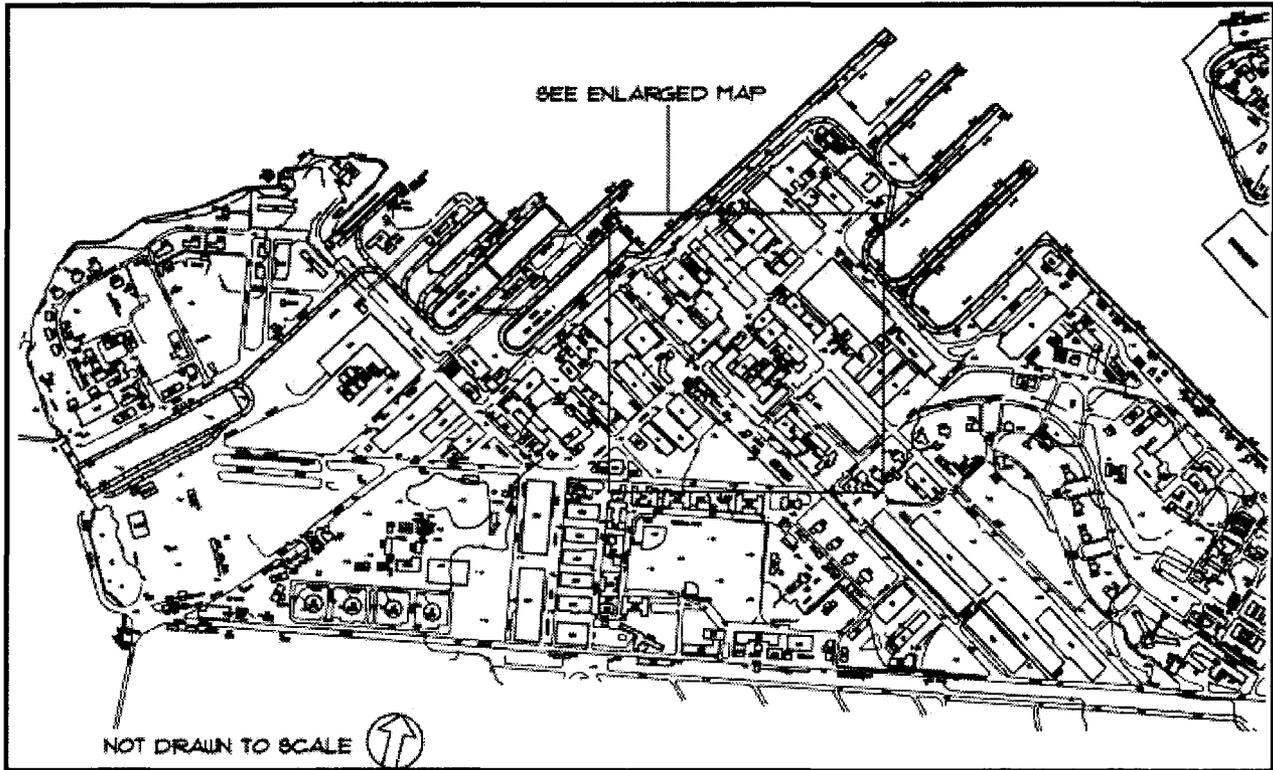
Information on World War II use of buildings obtained from the Robert F. Walden Collection "Yard Supply" report at the University of Hawaii, Hamilton Library, Hawaii and Pacific Room. The subject of the report focused on the war efforts carried out by the Yard Supply Department between January 1941 and August 1945.

U.S. NAVAL BASE, PEARL HARBOR, INGOT AND ORE STOREHOUSE
(U.S. Naval Base, Pearl Harbor, Naval Shipyard)
(Facility No. 385)
HABS No. HI-503 (Page 3)

Project Information: Photo documentation and recordation of this facility by the Navy has been done in anticipation of 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. Orłowski, 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.

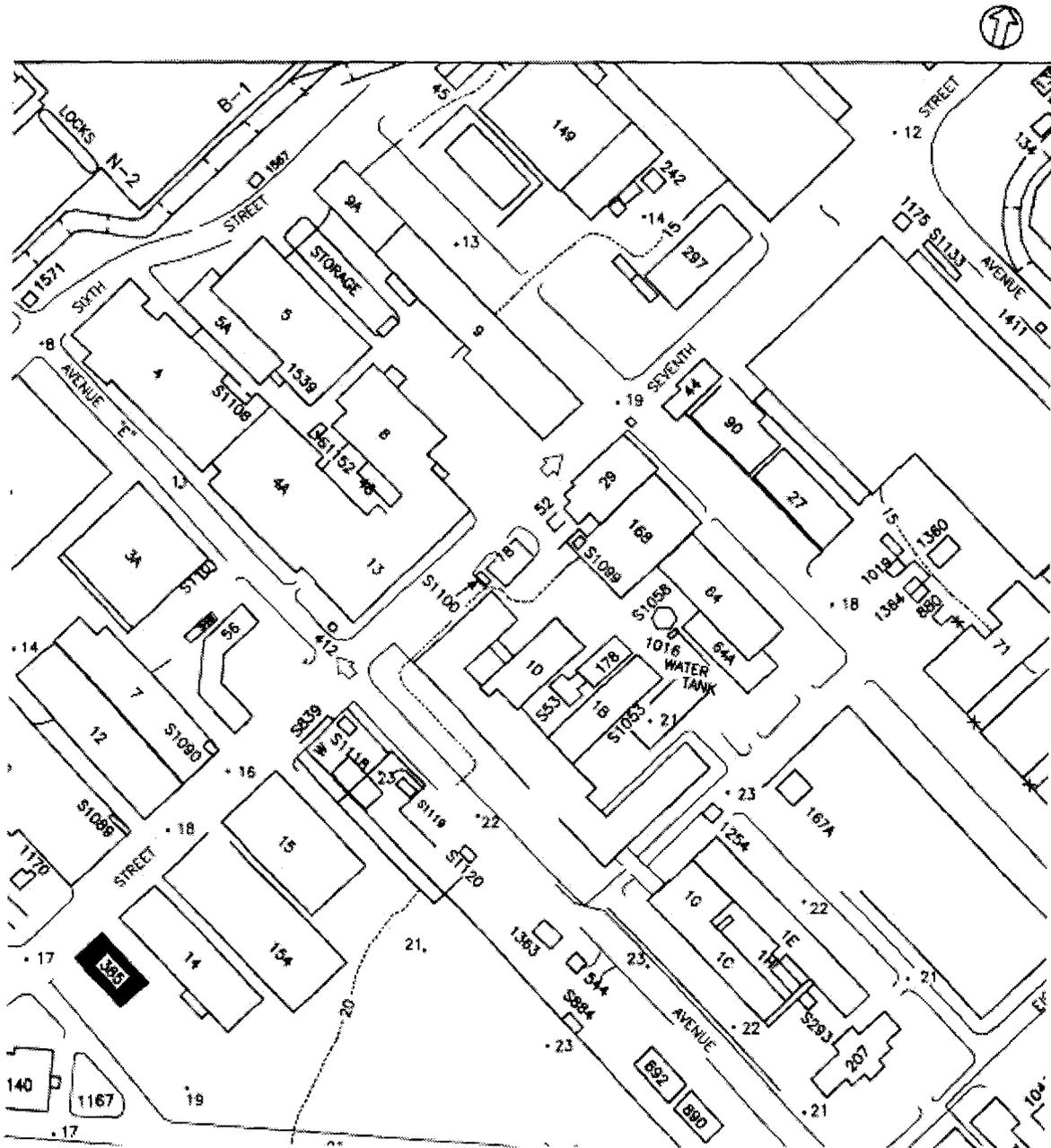
U.S. NAVAL BASE, PEARL HARBOR, INGOT AND ORE STOREHOUSE
(U.S. Naval Base, Pearl Harbor, Naval Shipyard)
(Facility No. 385)
HABS No. HI-503 (Page 4)

Shipyard Map



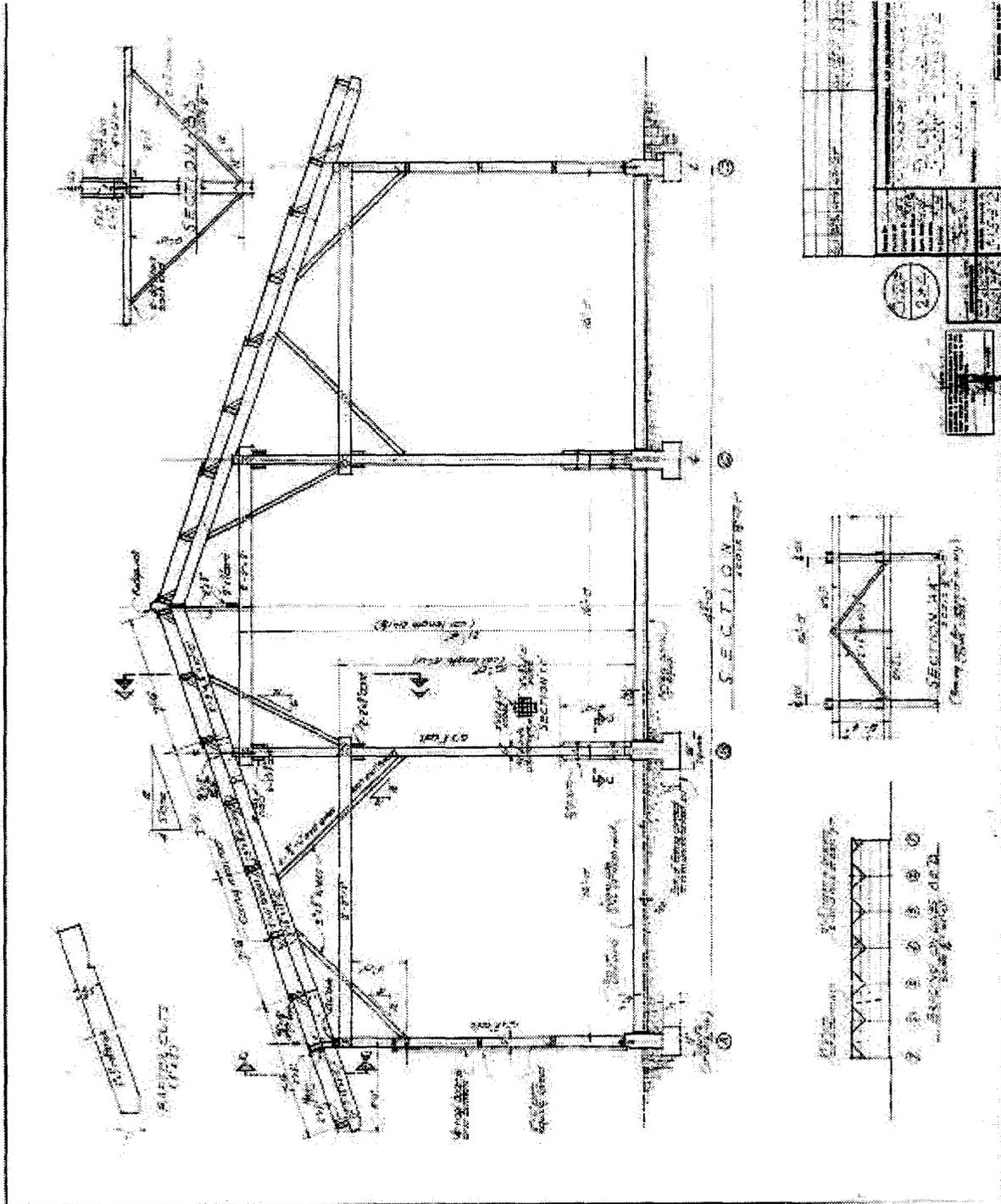
U.S. NAVAL BASE, PEARL HARBOR, INGOT AND ORE STOREHOUSE
(U.S. Naval Base, Pearl Harbor, Naval Shipyard)
(Facility No. 385)
HABS No. HI-503 (Page 5)

Enlarged Area Map (reduced, not to scale)



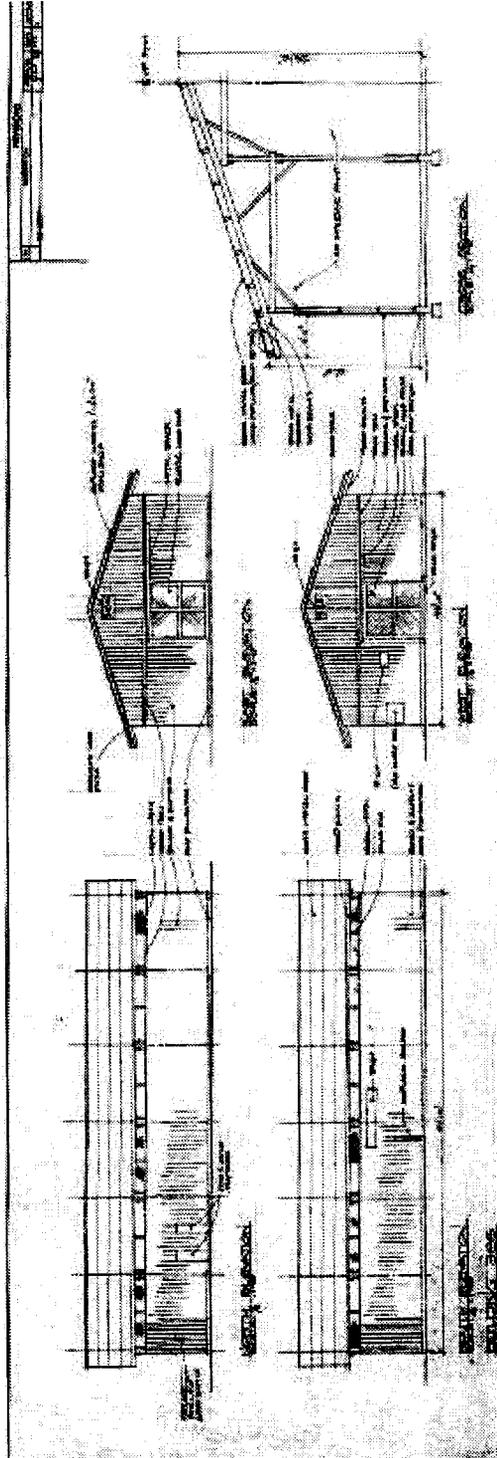
U.S. NAVAL BASE, PEARL HARBOR, INGOT AND ORE STOREHOUSE
(U.S. Naval Base, Pearl Harbor, Naval Shipyard)
(Facility No. 385)
HABS No. HI-503 (Page 7)

Structural Sections (Drawing No. I-N05-912, dated 9/14/1943) (reduced, not to scale)



U.S. NAVAL BASE, PEARL HARBOR, INGOT AND ORE STOREHOUSE
(U.S. Naval Base, Pearl Harbor, Naval Shipyard)
(Facility No. 385)
HABS No. HI-503 (Page 8)

Exterior Elevations and Cross Section (Drawing No. 7022476, dated 1/28/1978)
(reduced, not to scale)



U.S. NAVAL BASE, PEARL HARBOR, INGOT AND ORE STOREHOUSE
 (U.S. Naval Base, Pearl Harbor, Naval Shipyard)
 (Facility No. 385)
 HABS No. HI-503 (Page 9)

East End Concrete Slab Plan with Bins (Drawing No. I-N05-914, dated 9/18/1943)
 (reduced, not to scale)

