

FOUNDRY AND PATTERN SHOP

(Building 84)

Pacific Coast Torpedo Station, Keyport Industrial District

Second & Groner Streets

Keyport

Kitsap

Washington

HABS WA-262

WA-262

HABS

WA-262

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

FIELD RECORDS

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

FOUNDRY AND PATTERN SHOP  
(Building 84)

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- Location: The Foundry and Pattern Shop, Building 84, is on the northeast corner of Second Street and Groner Street, at the Naval Undersea Warfare Center Division, Keyport, Kitsap County, Washington.
- USGS Suquamish, Washington, Quadrangle  
Universal Transverse Mercator Coordinates: 10.528985.5282915.
- Present Owner: United States Department of the Navy
- Present Use: Heat treatment shop.
- Significance: Building 84 is associated with the accelerated development of Naval Torpedo Station, Keyport, during mobilization for World War II, and is one of 29 major buildings constructed or renovated at that time. It has been used as a foundry and a pattern and heat treatment shop. Unusual for an Art Moderne building is the low-pitch gable roof and the flat wing roof. Except for a small, gable roof added later over the front entryway, the integrity of the original design and details has generally been retained.

PART I. HISTORICAL INFORMATION

A. Physical History:

1. Date of erection: Building 84 was constructed in 1942.
2. Architect: No architect is known, but the building was designed at the Bureau of Yards and Docks, Puget Sound Naval Shipyard, Bremerton, Washington.
3. Original and subsequent owners: The United States Department of the Navy.
4. Builder, contractor, suppliers: This information is not known.

5. Original plans and construction: Building plans are on file at the Naval Undersea Warfare Center Division, Keyport, Washington. The 1941 plans were drawn by the Public Works Office, Puget Sound Naval Shipyard, Bremerton, Washington. Drawings used in this study include Nos. 42-34-84-21, 42-34-84-28, 42-34-84-29, 42-34-84-40, 42-34-84-159, 42-34-84-160 and 42-34-84-161.
6. Alterations and additions: Alterations to the façade along Second Street include reducing the size of one window by in-filling, converting another window to a door, and placing a gable roof over this entrance. One window on the west side has been in-filled while others are obscured by temporary storage units. Two major additions were built on the north side of the building, the most recent in 1992, which is a 50'-0" x 49'-0" metal structure for dry-powder coating.

B. Historical Context:

1. For additional written historical context and descriptive information, please see the main entry for the Pacific Coast Torpedo Station, Keyport Industrial District, HABS WA-255.
2. Building History: Building 84 was built to function as a foundry and pattern and heat treatment shop. As such, the building was designed to accommodate the foundry furnaces and other specialized equipment. Most of the interior was open the full two-stories with a mezzanine on the south and west walls. The foundry and core room floors were dirt, while the rest of the facility was concrete, sometimes covered with composition flooring or wood block. In addition to the foundry and core room, the first floor included the snagging room, inspection floor, office, toilet, janitor's closet, and metal storage. The mezzanine level housed the pattern shop along the south wall, an office at the southwest corner, and a locker and lunch room, toilet, and core storage along the west wall. The building continues to be used in much the same way, although with updated equipment and processes, which have required two additions.

PART II. ARCHITECTURAL INFORMATION

A. General Statement and condition of fabric:

Building 84 is an industrial vernacular building with Art Moderne elements, including large, multi-light fixed-sash and pivot windows that are symmetrically placed and smooth-concrete painted/brick surfaces devoid of ornamentation. The integrity of the original design and plan and Art Moderne details has generally been retained. The building is in good condition.

B. Description:

1. Overall Dimensions: Building 84 is 61'-6" x 121'-6" with a 30'-0" x 49'-0" brick addition along the north side and a 49'-0" x 50'-0" metal addition along the north side of the brick addition.
2. Foundations: Concrete.
3. Walls and structural systems: Steel, concrete, and tile.
4. Openings: The original building has large, multi-light fixed-sash and pivot windows, most of which are intact. In 1942, there were identical doors on the south and north (front and back respectively) ends of the building. Additions to the north have obscured those openings. The second door has been added to the south façade, which also retains the original door.
5. Roof: There is a front gable with a tile and stucco parapet on the original building, a flat roof on the brick addition, and gable on the metal addition. The 18" continuous roof ventilator that extended along the gable ridge (1942) is not visible.

B. Site:

Building 84 is oriented north to south and is surrounded by other industrial buildings and concrete and asphalt pavement.

PART III. SOURCES OF INFORMATION

A. Architectural drawings: Plans of Building 84 are on file at the Naval Undersea Warfare Center Division, Keyport, Washington.

B. Bibliography:

Harvey, David W. Torpedo Storehouse; Field No. 18-84, Historic Property Inventory Form. Washington Department of Archaeology and Historic Preservation, Olympia. Completed in 1991.

Kipp Associates. Naval Undersea Warfare Engineering Station, Keyport, Washington, Historic-Architectural Survey of Buildings and Structures. Tacoma, Wa: Kipp Associates, 1991.

Poole, Lisa. Torpedo Town, U.S.A. Keyport, Wa: Diamond Anniversary Publishing, 1989.

- C. Supplemental Material: Historical photographs on file at the Naval Undersea Warfare Center Division, Keyport, Washington

#### PART IV PROJECT INFORMATION

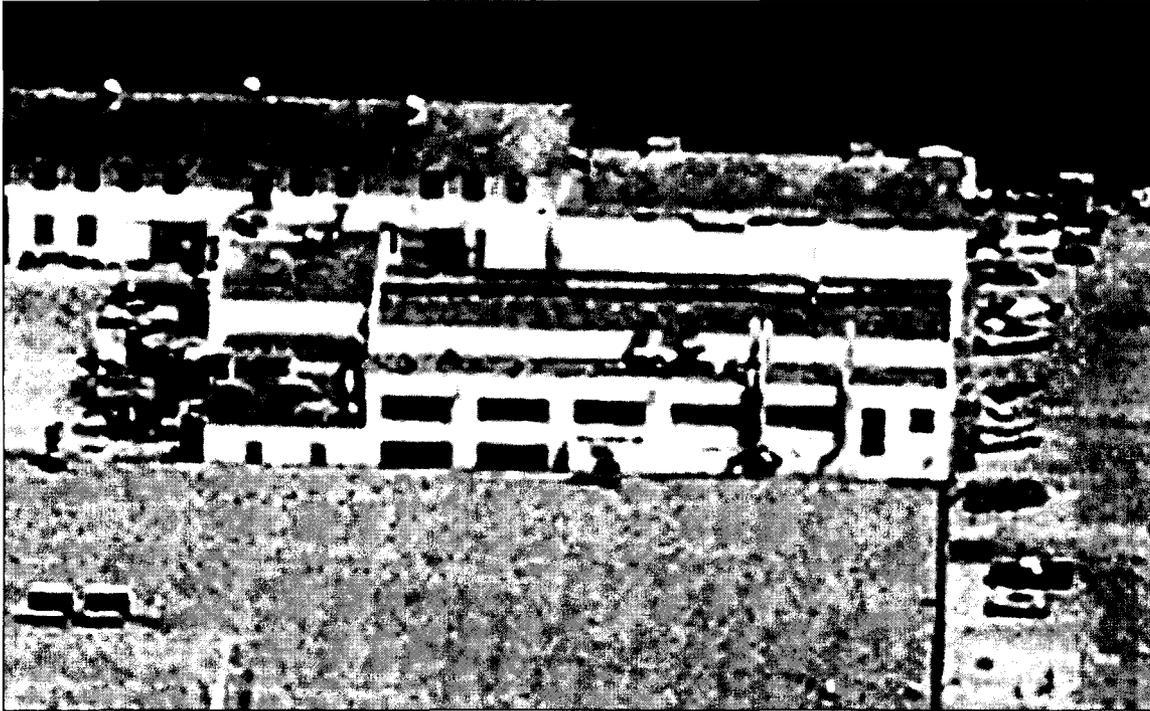
This documentation was prepared as part of the mitigation for the redevelopment of the Pacific Coast Torpedo Station, Keyport Industrial District, which is located at the Naval Undersea Warfare Center Division, Keyport. This project was funded by the United States Department of the Navy. Historian Sharon A. Boswell prepared the historic context and Lorelea Hudson, historic preservation specialist, and Eileen Heideman, architectural historian, compiled the individual building narratives. All are on the staff of Northwest Archaeological Associates, Inc., Seattle. Building descriptions relied primarily on previous work by historian David W. Harvey. Maps, plans, and historical and large-format photographs were provided by the Naval Undersea Warfare Center Division, Keyport.

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**Figure 1. Building 84 (at center) in June 1978; view to the east. Original image located at Command Staff Code OOTMA, Naval Undersea Warfare Center Division, Keyport, WA.**