

U.S. NAVAL BASE, PEARL HARBOR, LATRINE DRY DOCK NO. 2
& LATRINE DRY DOCK NO.3
(U.S. Naval Base, Pearl Harbor, Naval Shipyard, Facility Nos. 171 &
208)
Near Avenue G adjacent to Dry Dock No. 2 & Dry Dock No. 3
Pearl Harbor
Honolulu
Hawaii

HABS HI-482
HI-482

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HI-482

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, LATRINE- DRY DOCK NO. 2 &
LATRINE – DRY DOCK NO.3
(U.S. Naval Base, Pearl Harbor, Naval Shipyard)
(Facility No. 171 and 208)

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- Location:** Near Avenue G adjacent to Dry Dock No. 2 & 3
Pearl Harbor Naval Base
City and County of Honolulu, Hawaii
- Facility 171 is at UTM coordinates 04.607690.2361400 and Facility 208 is at UTM coordinates 04.607880.2361390. Both buildings are within the boundaries of the Pearl Harbor, Naval Shipyard as defined in the location section of the overview report HI-483.
- Significance:** Facility No. 208 and 171 are determined to be contributing elements to the Pearl Harbor National Historic Landmark. These buildings are associated with the expansion of facilities at Pearl Harbor's Shipyard in the years just before World War II. They are unusual examples of two-story latrines that are of a distinctive type and period of construction. The first-floors of both facilities continue to serve as toilet facilities for the personnel that work in the Shipyard at Dry Docks 1, 2, and 3.
- Description:** The buildings are simple concrete structures similar in style to the other concrete industrial buildings built at the Shipyard during this period. Facilities 171 and 208 are two-story utilitarian concrete structures. Constructed in 1941, each of these structures has an overall dimension of 50'-0" x 32'-0" and stands 25'-6" high. They are each three bays long and two bays wide. They have a 4" concrete slab-on-grade that rests on concrete footings. The second floor framing consists of five, 10" x 12" beams and two girders supported by two, 12" x 12" concrete columns. The roof framing is made of three, 6" x 12" beams that are supported by two, 10" x 10" columns. Enclosing the entire structure are 8" thick concrete walls with pilasters that accentuate the structural bays. The roofs consist of 5" thick concrete slabs with 2'-0" high parapets. Generally flat, these roofs have an extremely low pitch with both roofs sloping from the center to the east and west sides of the buildings for drainage purposes. These roof slabs were designed for live loads of 100 p.s.f. and used as machine gun positions.
- The original windows were designed to be 8-over-8 double-hung, steel sash windows with wire-reinforced glass. Typically along the east and west facades the fenestration is arranged with a triplet of windows in each structural bay. Sixteen-light fixed transoms are

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above every entry door. Steel louver vents with metal screen backing are also part of the ventilation system at the second-story of the building. Presently, all of the original windows on the second-floor have been removed and replaced with jalousie windows. The entry doors are a combination of the original steel louver doors, and replacement flush wood doors. The original door hardware has been replaced. A 3'-0" wide concrete visor (called a "marquise" on original drawings) is attached to the exterior of Facility 171. Elevated 7'-0" from the ground, it runs the perimeter of the building just above door height, thus becoming a noteworthy architectural element. Drawings show that this same visor was planned for Facility 208. Later revisions call for it to be omitted from the design of the building.

The first floor originally was separated into four toilet facilities for the officers, petty officers, the leading men, and the yard employees, along with a fifth separate heater room. Both the officers and petty officers rooms had 3 toilet stalls, 2 urinals, 3 sinks, and 2 showers. The leading men only had 2 toilet stalls, 1 urinal, and 1 sink. The yard employees had 18 toilet stalls with wood partitions (no doors) situated back-to-back with a 1'-6" plumbing chase in between. All the urinals were trough urinals elevated on a 6" concrete platform with a T-shaped "dwarf wall" separating them from the abutting sinks. The heater room contained a 428-gallon steam water heater. A concrete stair lined at each wall with 6" x 12" glazed terra cotta tiles leads to the second-floor. This stair has a 1 ½" diameter, chromium-plated brass railing.

The second floor facilities included a laundry room and shower area along with toilet facilities for enlisted men, which was identical to the toilet facilities for yard employees on the first floor. A dressing alcove with two, L-shaped seats finished in 6" x 12" glazed terra cotta tiles was separated from the shower area by "dwarf walls". The shower space had 13 showerheads and mosaic tile flooring in the shape of hexagons. The laundry space has a scrub deck with a sloping floor and a 4" diameter floor drain. A metal ladder leads to the open hatch in the ceiling to provide interior roof access. Typical original finishes throughout the space included 4" x 4" quarry tile floors, 6" x 12" glazed wall tiles and wall bases, and painted masonry walls. Partitions with and without doors were all wood.

In 1978, renovation to the first floors of both 171 and 208 were completed. The showers in both the officers and petty officers bathrooms of Facility 208 were removed and the dividing walls between those bathrooms and the yard employees' bathroom came down; thus creating one large non-segregated bathroom facility. The area of the first floor designated on original plans as for "Leading Men" which had two toilets a urinal, and a washbasin was subsequently turned into a women's bathroom. The showers in the officers' bathroom of Facility 171 were also removed and the floor

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plan was modified. At this time the plumbing fixtures and finishes were modernized and L-shaped screen walls (called "baffles" on the plans) of concrete masonry units were constructed outside the entry doors at the first floor of both facilities for privacy.

In 1981, the second floor of Facility 208 was renovated and the interior equipped to become a waterfront production meeting room. All plumbing fixtures were removed and the toilet facility for the enlisted men was converted to a large conference room (conference room 1), later to be divided into cubicles for office-type spaces. The laundry and lavatory rooms located on the north end were also combined to become one large conference room (conference room 2). Vinyl composition tile flooring was installed throughout, over the red quarry tile. At the southwest wall of the building an exterior metal stair, a 60 degree ships ladder, was added to the second floor as a fire escape in 1981. One second floor window, at the west end of this wall, was expanded to become a door in the renovation. A 1¼" diameter bronze pipe handrail is mounted on the stair.

Similar to Facility 208, the second-floor of Facility 171 was also modified with the enlisted men's room being converted to a conference room. The conference rooms in both facilities have been finished with drywall, vinyl base, vinyl composition floor tile, and flush wood doors. All of the laundry facilities in 171 have been removed and replaced with 6 shower stalls. Despite the removal of the showerheads, the original shower area has remained relatively intact.

Historical Context:

These buildings were originally constructed as latrine buildings for Dry Docks No. 2 and 3 in the Shipyard at Pearl Harbor. A June 28, 1941 drawing shows the plans for the relocation of the old latrine along with the proposed site of the new latrine (Facility 208), just south of the latrine and parallel to Dry Dock No.2. Dry Dock No. 2 was under construction during the Japanese air raid of December 7, 1941 and was hastened to completion in order to be utilized for repairs after the air strike. The *U.S.S. Pennsylvania* lay in dry dock one street over from the front of Facility 208 in Dry Dock No. 1. At the time of the attack Facility 171 was approximately 70% complete. Both of these facilities have the same original floor plan and were constructed almost simultaneously. The original drawings are dated November 7, 1940 with the completion of both facilities sometime in 1941. Facilities 208 and 171 continue to be utilized as lavatory and waterfront production meeting spaces.

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

Sources:

National Archives II, Still Photo Collection
Photos in group RG71CB.

NAVFACPAC: Plan Files.

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Drawings for Facility 171 and 208.

Pearl Harbor Naval Shipyard

Property Record Card. 1947. From the files of the Pearl Harbor
Naval Shipyard.

Robert Walden Collection

"Yard Supply", 1945. Information on World War II use of buildings
in the Robert F. Walden Collection at the University of Hawaii,
Hamilton Library, Hawaii and Pacific Room.

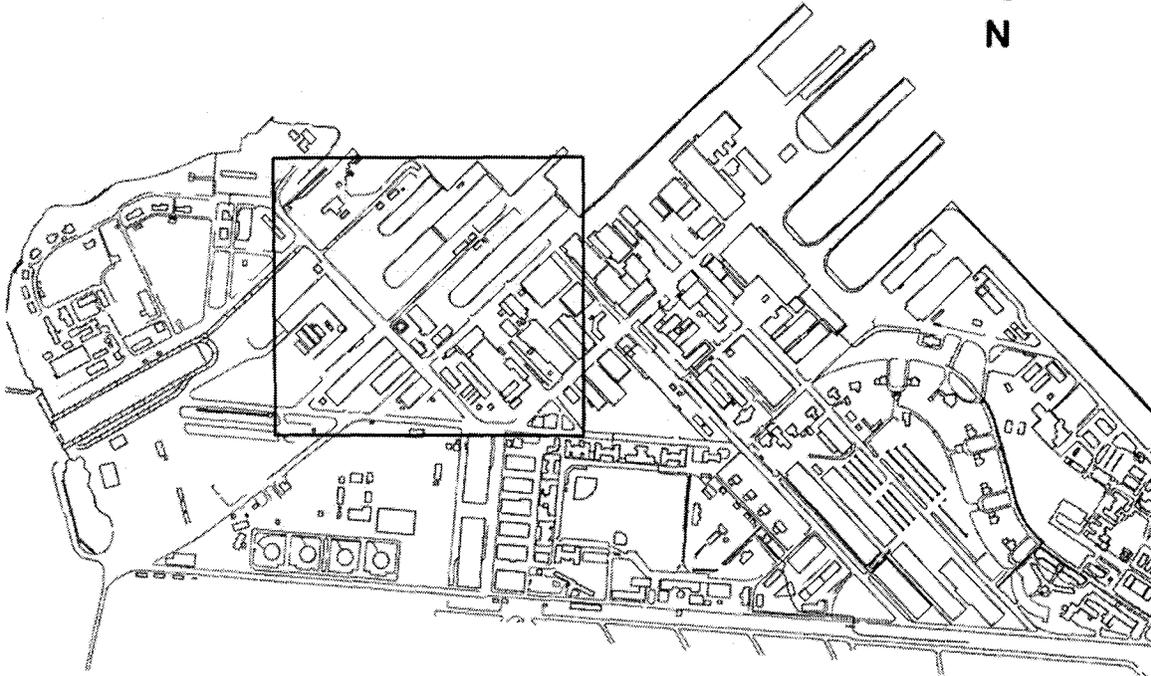
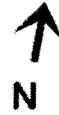
Project information: Recordation of Facilities 208 is required under the June 2002 Memorandum of Agreement (MOA) executed between the Commander Navy Region Hawaii, the Hawaii State Historic Preservation Officer, and the Advisory Council on Historic Preservation. Documentation of Fac. 208 is being undertaken prior to the rehabilitation of the building. As for Facility 171, its building type is similar to Fac. 208, so that it was logical to group these buildings together in the event that Fac. 171 would also require renovation or demolition in the future. 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 Jeffery Dodge A.I.A., Historical Architect at NAVFAC Hawaii. The photograph documentation was undertaken by David Franzen, photographer. Delta Lightner, Architectural Historian, of Mason Architects, Inc. prepared the written documentation. The report was prepared in March 2000.

Prepared by: Delta Lightner, Architectural Historian
Mason Architects, Inc.
119 Merchant Street, Suite 501
Honolulu, HI 96813
January 2003

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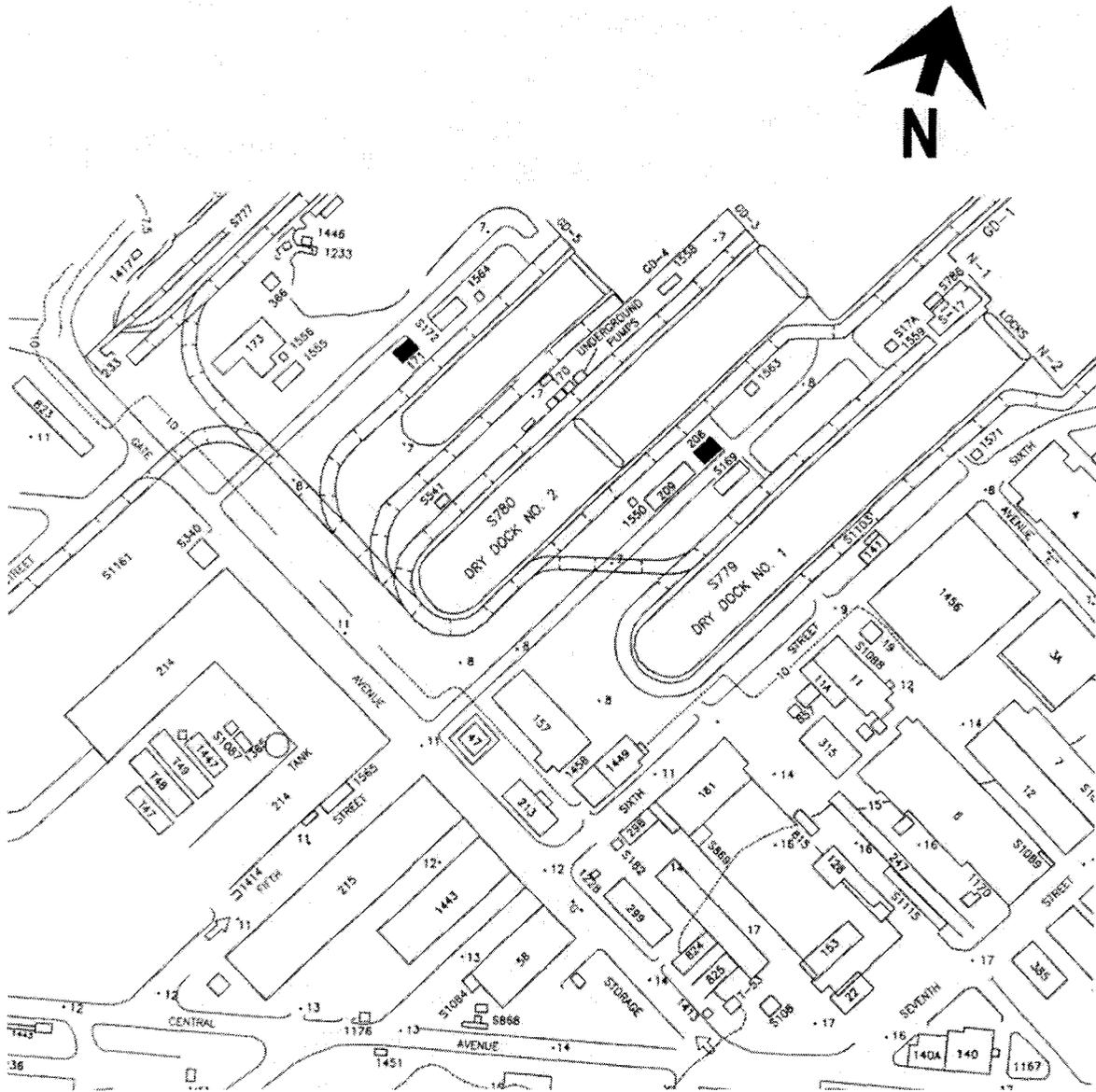
Shipyard Map

SEE ENLARGED MAP



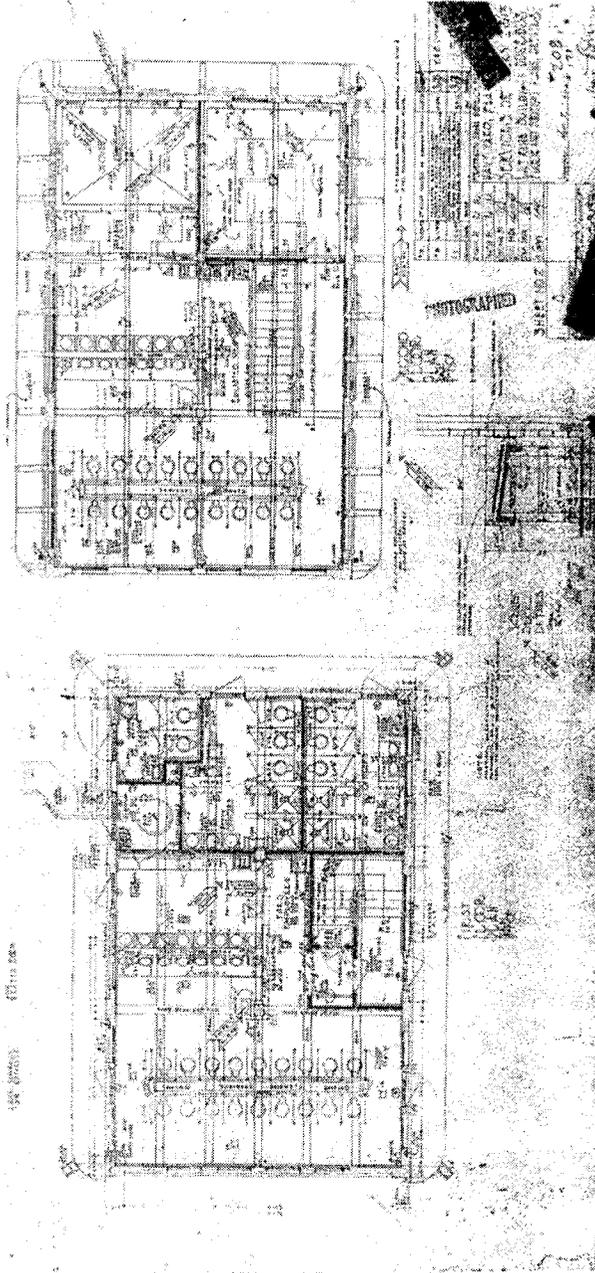
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Enlarged Area Map



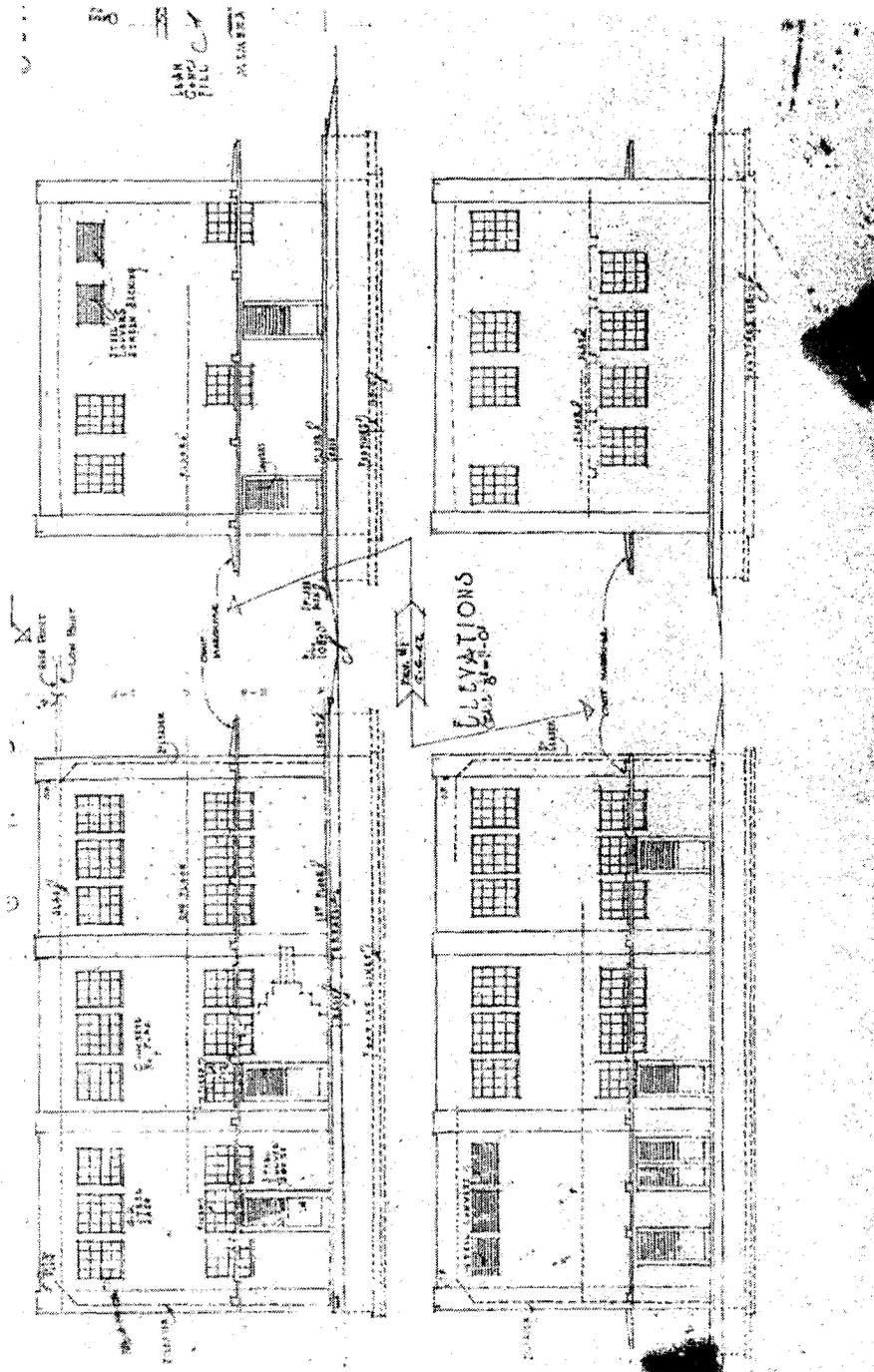
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**Facilities 171 and 208 - First and Second Floor Plans (Drawing No. 150031,
dated 4/22/1943) (reduced)**



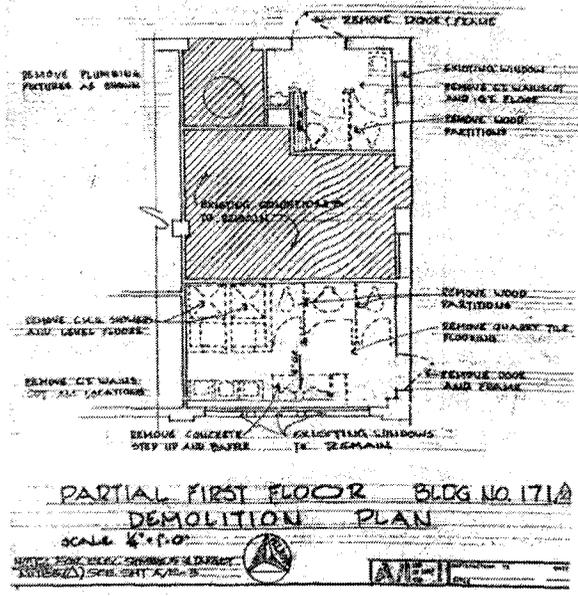
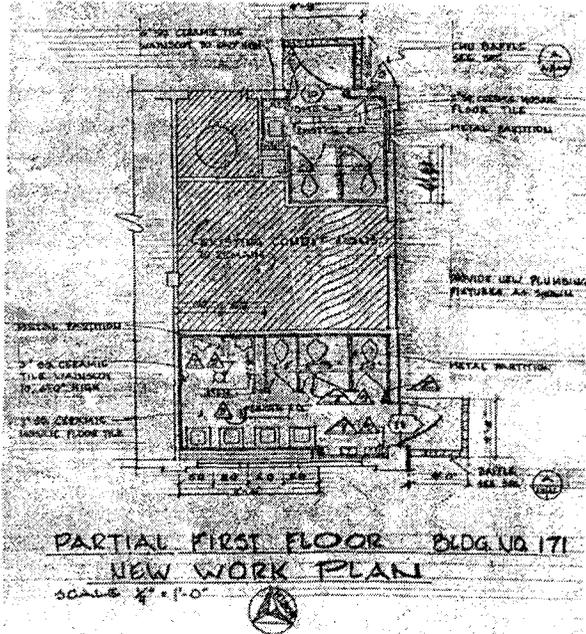
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Facilities 171 and 208 - Exterior Elevations (Drawing No. 150032, dated 6/6/1942)
(reduced)



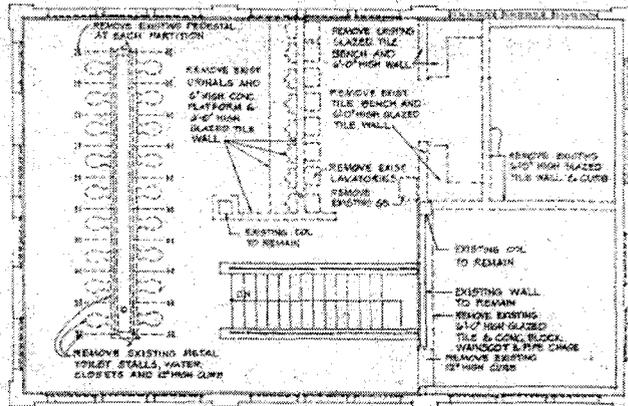
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**Facility 171 - Construction and Rehabilitation, First Floor Plans (Drawing No. 7018292,
 dated 2/25/1980)**



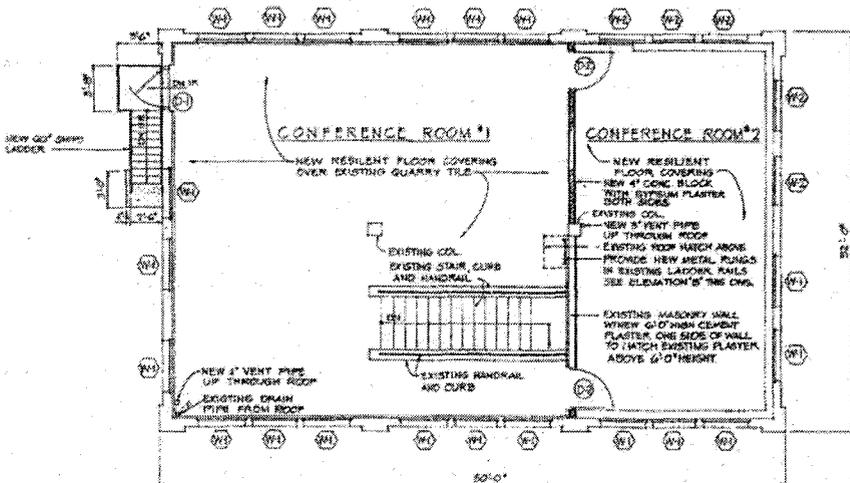
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**Facility 208 - Alterations to Second Floor Plan (Drawing No. 7035998, dated 11/27/1981)
 (reduced)**



SECOND FLOOR DEMOLITION PLAN
 24' x 110'

NOTE:
 SURFACES EXPOSED BY
 REMOVAL WORK SHALL
 BE PATCHED FLUSH
 WITH ADJACENT SURFACES



SECOND FLOOR PLAN
 24' x 110'

