

U.S. NAVAL BASE, PEARL HARBOR, STOREHOUSE/HOSPITAL
(U.S. Naval Base, Pearl Harbor, Naval Shipyard, Facility No. 327)
West end of Second Street opposite Facility No. 371A
Pearl Harbor
Honolulu County
Hawaii

HABS HI-472
HI-472

HABS
HI-472

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, STOREHOUSE, HOSPITAL (U.S. Naval Base, Pearl Harbor, Naval Shipyard) (Facility No. 327)

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Location: The west end of Second Street
Opposite Facility 371A
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: 04.606860.2361370.

Significance: Facility 327 is located within the Pearl Harbor National Historic Landmark. Constructed in 1925, this building is associated with the development of the Naval Hospital Complex at Pearl Harbor. It is also grouped with nearby Facilities 367, 368, and 324, which are all representative of the Naval Hospital history. These structures are some of the few remaining buildings from the original hospital complex and are a simplified design with unique features. Facility 327 in particular is the most intact building in the Naval Hospital area.

Description: Facility 327 is a two-story simple concrete frame structure with minimal ornamentation. The original building is rectangular in plan with a single-story concrete masonry unit addition at the southwest (rear) side of the building. The original overall dimensions are 136'-0" x 46'-0". Its length is divided into seven 15'-0" bays with a 15'-6" bay at each end. Its width is segmented into three bays, the center bay being 15'-0" wide and each flanking bay 15'-6" in width. The foundation has shallow concrete footings that lie flush with the finished grade and reach a low depth of 2'-0" below the surface. As a result of the shallow footings concrete struts were installed as compression members between each of the footings to help stabilize the structure. The concrete foundation wall extends 3'-6" above the finished grade to the top of the first floor concrete slab. The above grade foundation creates a narrow cavity or crawl space beneath the first floor as well as an elevated entry into the building.

The 1924 plans show that the exterior walls are 12"-thick concrete at the frame of the structure and 6"-thick concrete within the window sash opening from beneath the sill to the finished floor. The roof is a low sloping gable with a 2'-6"-high by 9"-thick parapet. It has concrete crickets at the junction of the gable and a parapet wall for drainage purposes. The crickets are tapered to direct the water flow to the

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scuppers and through the downspouts attached to the exterior of the building. Still extant is an elevator shaft that protrudes through the gable and is enclosed at all sides by 6" tile walls (with a 1" stucco finish) and a concrete slab roof. Originally the gable was finished with composition roofing material, had 20" diameter ventilators, and a 2'-6" x 3'-0" scuttle with a metal covered removable cover. It is unclear if these items are still intact.

The fenestration for Facility 327 consists of multiple-light steel sash window units. These units are in increments of 12-lights with one pivot sash, 32-lights with two pivot sash units, or 44-lights with three pivot sash units. Typically there is a row of fixed lights at the top and bottom of the window unit bordering a central pivot sash(es) that is operated with connecting rods and wheel. Each light measures 12" x 18". All first floor windows not blocked with masonry are secured with ¾" diameter steel bar grilles. There are two modern flush metal doors each with a metal stair and pipe railing at both the northwest and southeast ends of the building. The southeast and second-story door at the opposite end (three total) of the building are all later additions. Although the original 4-lights over the single panel door at the northwest section of the building has been replaced, the existing door is still in the original location. At the center of the northeast wall are aluminum double doors with glazing that serve as the main entrance to the building. Initially these doors were metal covered wood with 6-lights over a single panel. There were a total of four double doors of this type installed on the northeast side of Facility 327 when it was completed in 1925. In the late 1940s three of these doors were removed and 8" thick concrete masonry was installed to fill the opening.

A notable architectural element of Facility 327 is the 77'-0" x 7'-1" x 3'-6" concrete loading platform that is centered along the southeast side of the building. There is a concrete stair at its south end, a metal stair with pipe railings at the center and an access ramp at its north end. The entire platform area is shaded by a 7'-1"-wide concrete marquee that is supported by curved concrete brackets.

The only distinct alterations to the exterior of Facility 327 have been the addition of the doors and stairs at the northwest and southeast ends and the removal of the doors along the loading platform (northeast side). A one-story, flat roof, concrete masonry unit structure was added on the southwest side of the building between the years 1947 and 1960. Aside from these changes the majority of the original shell remains intact. Conversely, there have been quite a few modifications to the interior floor plan since its construction. The change in function of the building required alterations to be made to the layout of the space. What was originally a mostly open floor plan has been sectioned over the years into functional spaces. The only dates for these alterations come from the drawings dating back to 1946 and 1960. The latest, installation of interior partitions, office

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cubicles, drop ceilings, fluorescent lighting, interior doors, vinyl flooring, and wall finishes cannot be dated. The concrete stair and elevator near the main entrance at the northeast side of the building along with the interior columns are the only remaining original elements. Both the elevator and stair have been modernized but essentially remain intact. All of the function specific equipment and materials that had been added to the building over the years was also removed when the use of the building changed.

Historical Context:

Facility 327 was part of the grouping of buildings associated with the Naval Hospital Complex including Facilities 324, 367, and 368. The Navy Data Base indicates that this building was erected in 1925 shortly after the Naval Hospital (which includes Facility 324) was constructed. The U.S. Navy's Bureau of Yards and Docks prepared the original drawings for Facility 327 in July 1924. They were drawn by "F. C. Hilder" and checked by "A. A. M."

This building was initially used as a storehouse for the hospital from 1925 to a time during or shortly after World War II. To accommodate the expansion of the Shipyard, the Naval Hospital was relocated during the war to Aiea Heights (now Camp Smith). It is believed that the hospital storehouse was also moved to Aiea at that time. Drawings dating to October 1946 indicate that Facility 327 was no longer a storehouse but instead was being utilized as a Registered Publications Issuing Office and reproduction and storage facility.

Since 1960 the number of subsequent changes to the building's floor plan and function are unclear. Currently Facility 327 is used solely as an office for Crane Division of the Pearl Harbor Naval Shipyard Intermediate Maintenance Facility.

For more information on storehouses see also the overview report on warehouses at Pearl Harbor, HABS No. HI-388.

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

Sources:

The original drawings for this building are on digitally scanned images or microfilm at Pacific Division, Naval Facilities Engineering Command (NAVFAC EFD Pacific) Plan Files. Historic photos of Facility 327 are located at the National Archives II, Photo Collection RG71CA, in Box 163, Folder "Hospitals..." and Box 165, Folder "Storehouse - Hospital".

Commander, Navy Region Hawaii
2000 Pearl Harbor Naval Complex, Cultural Resources
Management Plan, Pearl Harbor, HI.

Commander, Navy Region Hawaii
2002 Integrated Cultural Resources Management Plan, Pearl
Harbor Naval Complex, Pearl Harbor, HI.

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HABS/HAER Documents

var. dates For those resources on the Navy database at the time the CRMP (Contract No. NB62742-93-D-0502) was prepared, the HABS/HAER numbers assigned have been included in the electronic database as an additional field, as noted in Appendices: Pearl Harbor Naval Complex Cultural Resources Management Plan, 1998, p. A-6.

Pearl Harbor Naval Shipyard

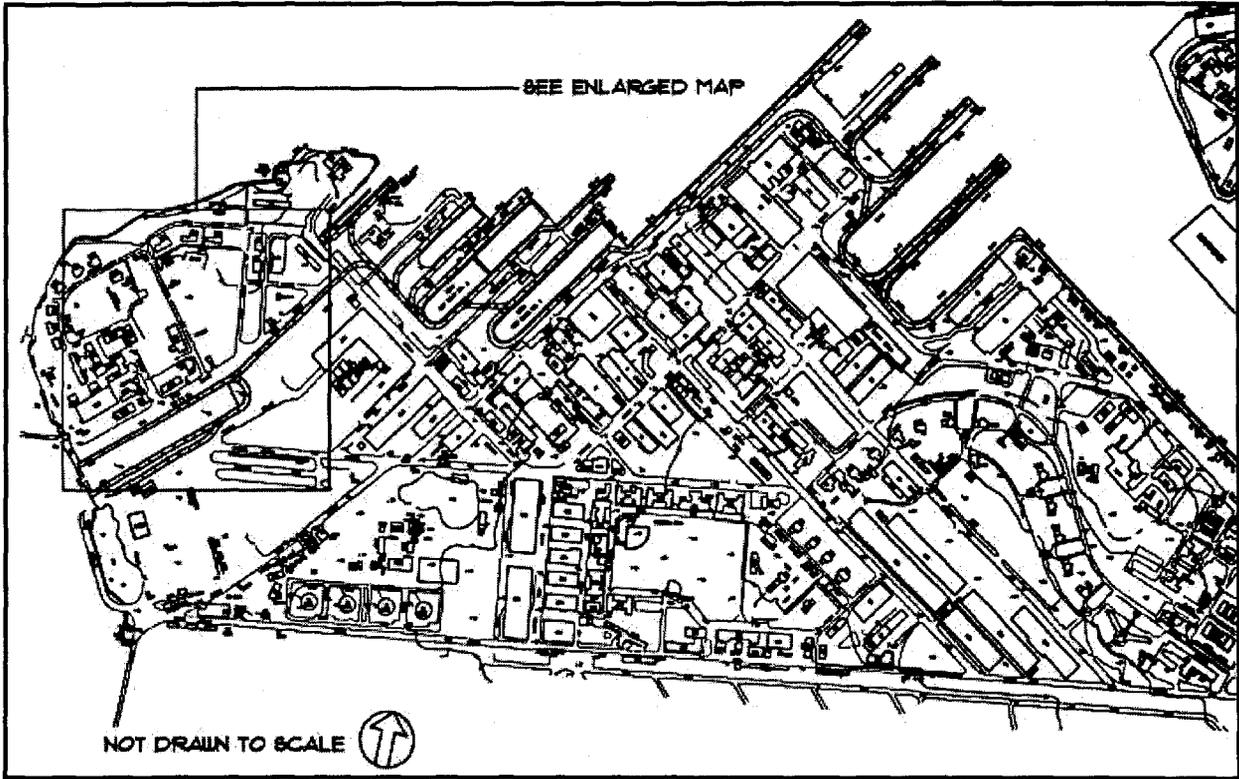
1992 Historic Preservation Documentation Program, photocopied document dated 15DEC92 including Appendix B Historic Inventory.

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 A.I.A., Historic Preservation Specialist at the Pacific Division, Naval Facilities Engineering Command (NAVFAC EFD Pacific). The photographic documentation was undertaken by David Franzen, photographer. Joanmarie N. Orlovski, Architectural Historian, of Mason Architects, Inc. prepared the written documentation. The field work and research for this report was conducted between the dates of July 2001 and December 2001.

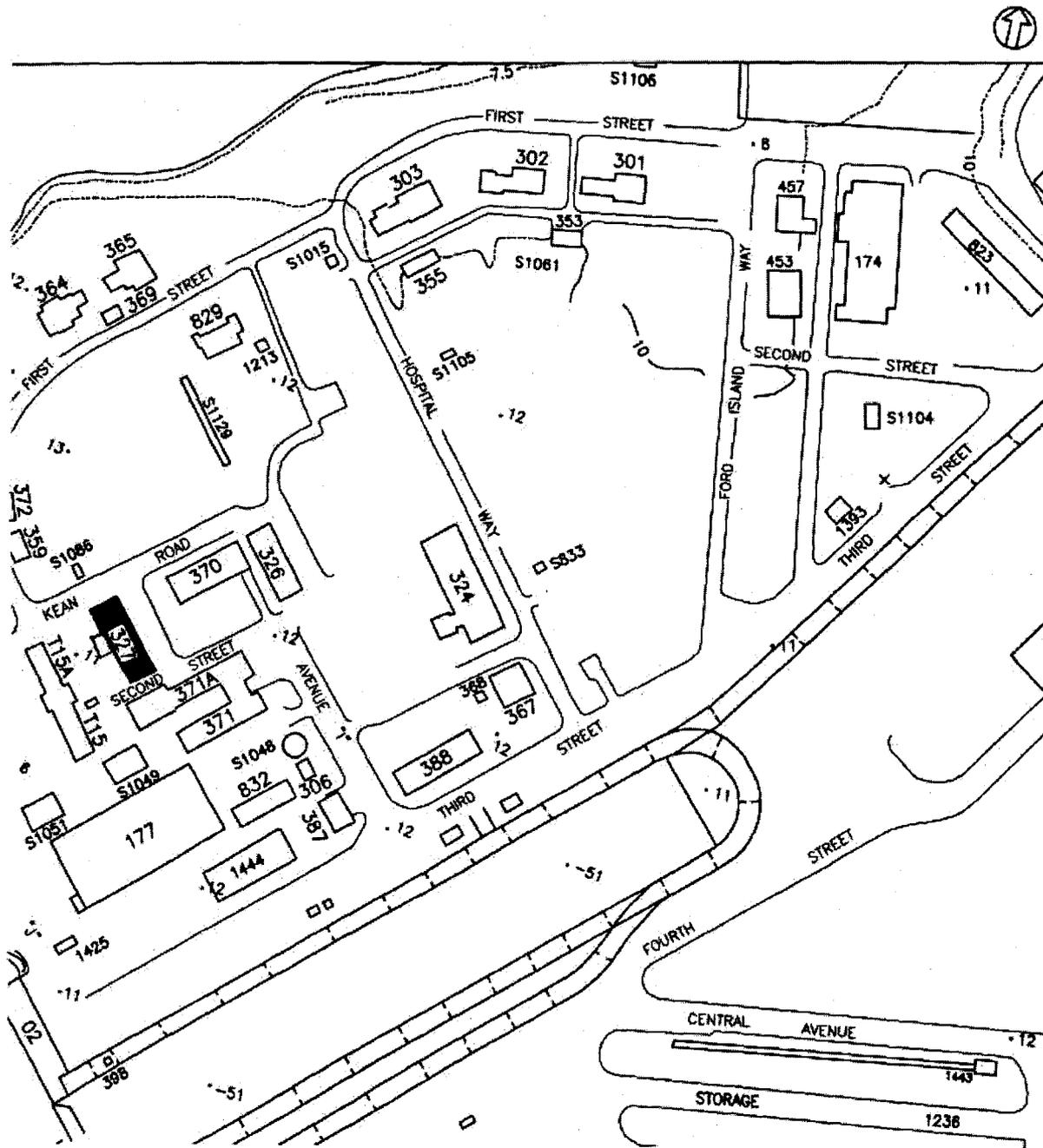
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Shipyard Map



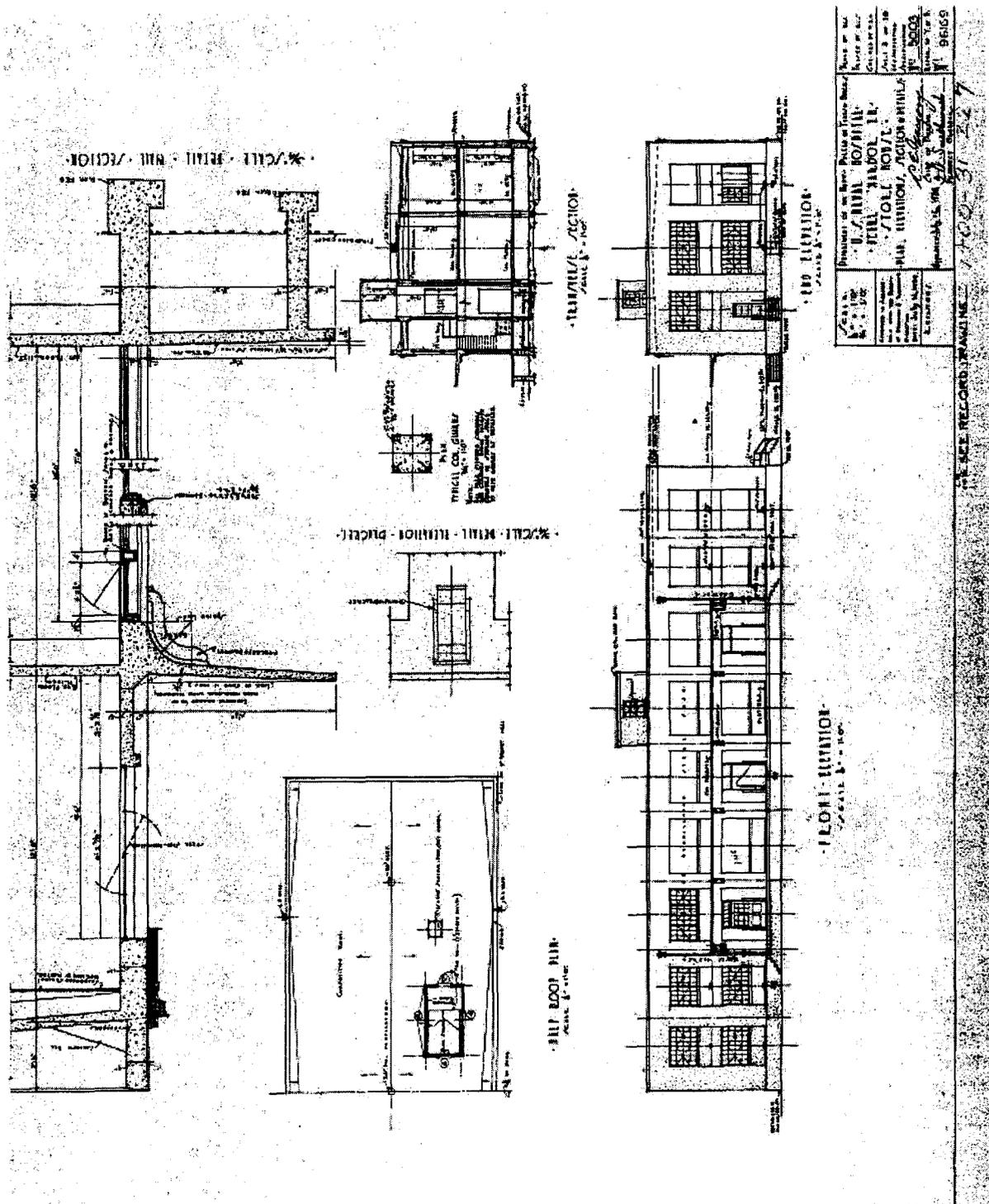
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Enlarged Area Map (reduced, not to scale)



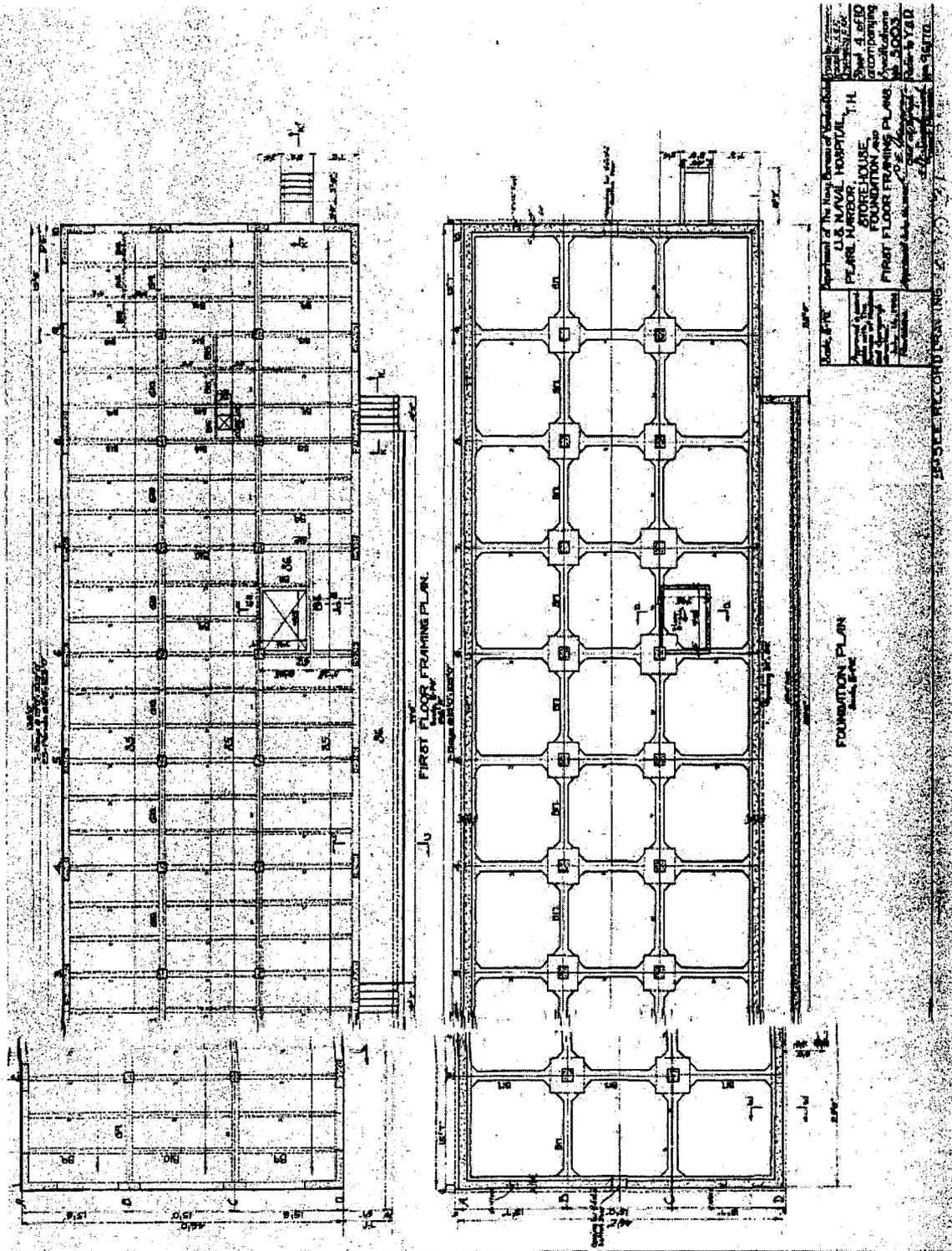
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Original Half Roof Plan, Exterior Elevations, Transverse Section and Details
 (Drawing No. 96169, dated 7/16/1924) (reduced, not to scale)



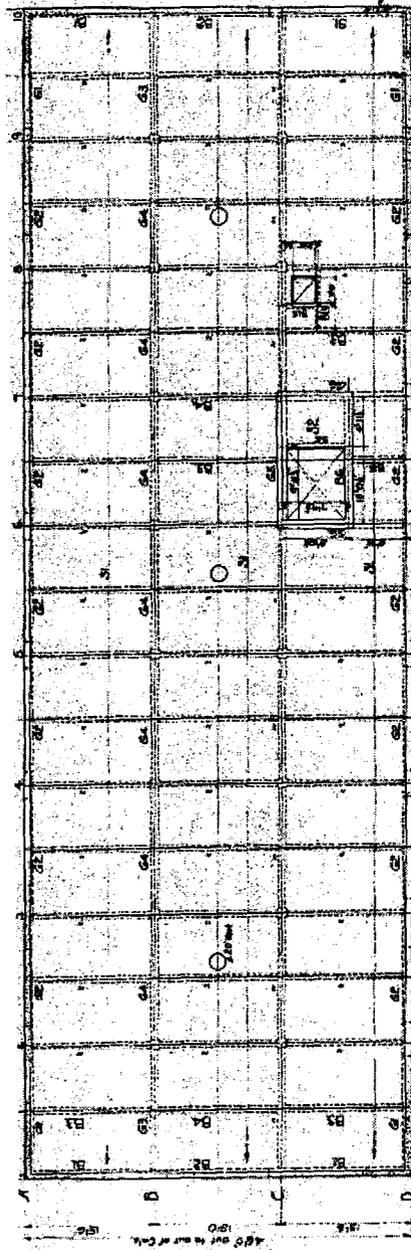
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Original Foundation and First Floor Framing Plan (Drawing No.96170, dated 7/16/1924)
 (reduced, not to scale)

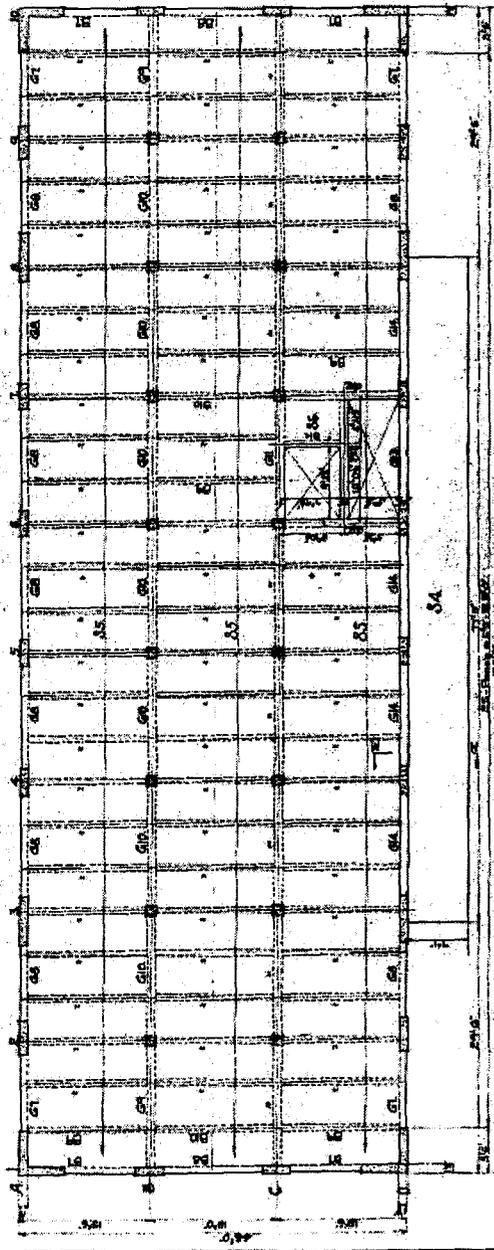


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Original Roof and Second Floor Framing Plans (Drawing No. 96172, dated 7/16/1924)
 (reduced, not to scale)



ROOF FRAMING PLAN
 Scale: 1/8" = 1'-0"

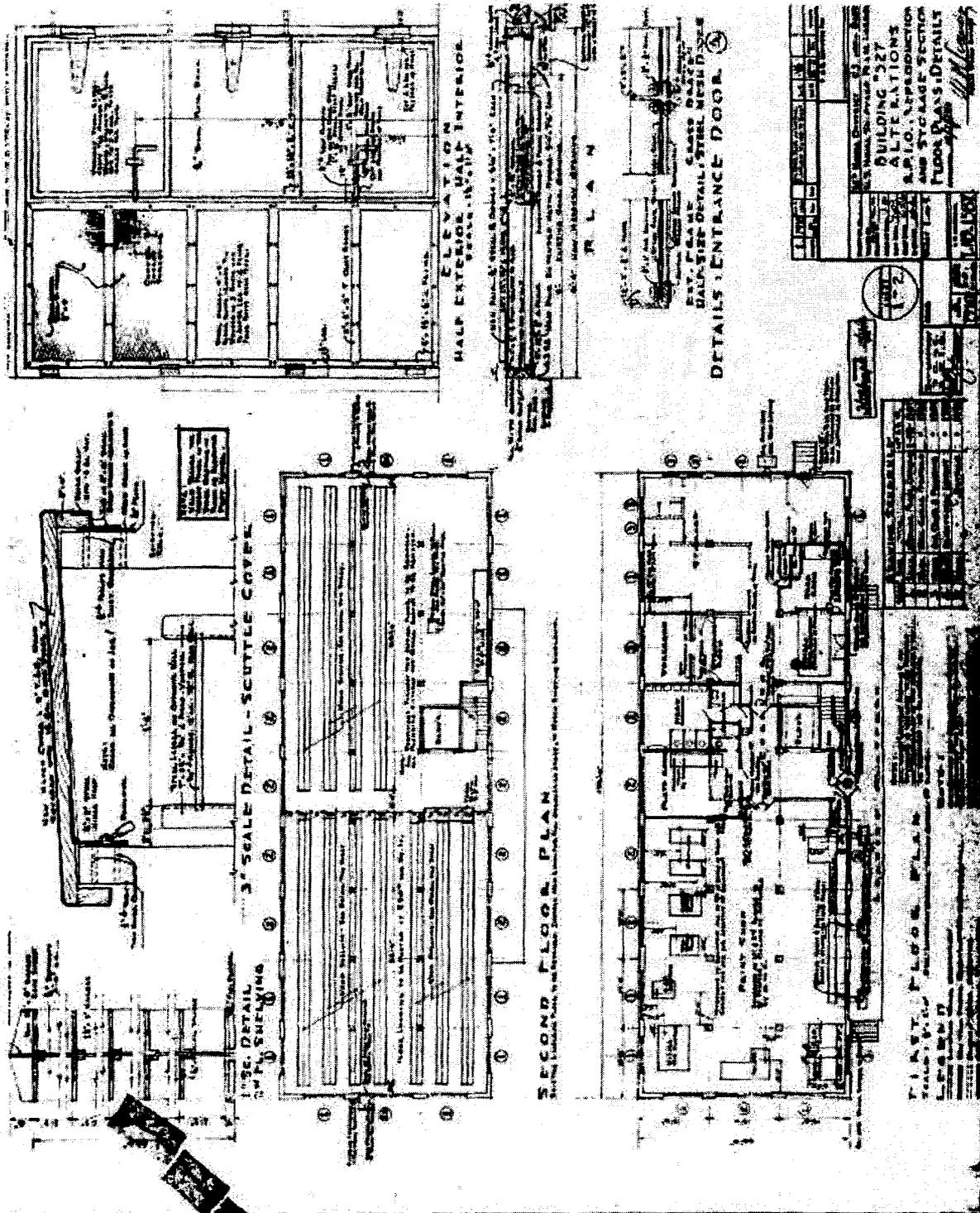


SECOND FLOOR FRAMING PLAN
 Scale: 1/8" = 1'-0"

Scale: 1/8" = 1'-0"
 Approved for the Naval Base, Pearl Harbor, Hospital, I.H.
 U.S. NAVAL HOSPITAL, I.H.
 PEARL HARBOR, STOREHOUSE,
 SECOND FLOOR FRAMING PLAN
 Accompanying Specifications
 H. S. O. S.

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Facility 327 Alterations – First and Second Floor Plans, Door and Interior Details
 (Drawing No. I-N5-1587, dated 11/1/1946) (reduced, not to scale)



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**Preliminary Revised Floor Plan and Details (Drawing No. 884769, dated 2/9/1960)
 (reduced, not to scale)**

