

U.S. COAST GUARD YARD, BUILDING 58
(Mechanical Shop/Mold Loft)
Billard Avenue
Curtis Bay
Anne Arundel County
Maryland

HABS No. MD-1040-B

HABS
MD
2-CUBAY,
1B-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN BUILDINGS SURVEY
National Park Service
Northeast Region
U.S. Custom House
200 Chestnut Street
Philadelphia, PA 19106

HISTORIC AMERICAN BUILDINGS SURVEY

U.S. COAST GUARD YARD, BUILDING 58
(Mechanical Shop/Mold Loft)

HABS No. MD-1040-B

HABS
MD
2-CUBAY
1B-

Location: Located on Billard Avenue at the northeast corner of Billard and Hamlet Avenues, U.S. Coast Guard Yard, Hawkins Point Road, Curtis Bay, Anne Arundel County, Maryland.

UTM: 18.4339780.364510
Quad: Curtis Bay, Maryland

Significance: Influenced by early 20th-century international industrial building design, Building 58 is an example of the multiple-use structures erected at the U.S. Coast Guard Yard during World War II to accommodate the mass production needs of heavy industry.

Description: Building 58 is a large, rectangular, three-story, steel-framed, north-oriented structure with brick-veneered concrete and industrial steel sash infill. The building measures 60 by 120 feet and is divided into bays by concrete pilasters faced with brick and capped with cast stone. The glazed west elevation remains intact, though brick infill has replaced all but one of the original multi-light, industrial steel sash windows on the north facade. The east and south sides of the building were covered with corrugated metal siding during the mid-1980s. Original sash, however, still exists under this siding on the east elevation. A parapet wall on the facade wraps around one window-bay width on the east and west sides. The roof is slightly pitched and originally was topped with a monitor running north-south. The foundation and floor slabs are concrete, and the floors at the ground level are finished with treated wood blocks.

Building 58 is joined with Building 8 (HABS-1040-A) on the west side by a one-story, steel-framed, storage facility constructed in 1969.

History: Building 58, the Mechanical Shop/Mold Loft, was designed for the U.S. Coast Guard and constructed in 1939 as a Combined Shops Building. The Mechanical Shop and offices have occupied the first floor since the building's construction.

U.S. COAST GUARD YARD, BUILDING 58
(Mechanical Shop/Mold Loft)
HABS No. MD-1040-B (Page 2)

Often referred to as the "Inside Machine Shop," this area is used for fabricating and reconditioning all types of machine parts for ships. A large crane system, replaced in 1969, occupies the east wall at the ceiling level and continues through a rear roll-up door to the exterior of the building.

The second floor was converted to office space in 1987-1988. It formerly housed the Mold Loft, where templates for manufacturing machine parts and other ship fabric historically took place. The third floor mezzanine contains storage rooms.

Building 58 was extensively altered in 1983, specifically on the facade and interior second floor. The first floor shop space is the only existing historic interior space.

Sources:

Moore, Susanne. "A Cultural Resources Survey of the United States Coast Guard Yard Curtis Bay, Maryland. Volume II: Architectural Resources." Annapolis: Maryland Historical Trust, 1981.

_____. "U.S. Coast Guard Yard Curtis Bay Historic District National Register of Historic Places Nomination." August 1981.

U.S. Coast Guard. U.S. Coast Guard Depot. Combined Shops Building (Building 8). Complete set of shop drawings located in Building 4, U.S. Coast Guard Yard, Curtis Bay, Maryland.

_____. Historic photographs located at the Office of Public Affairs, Building 1, Administration, U.S. Coast Guard Yard, Curtis Bay, Maryland.

Historian:

Jill A. Chappel
Historic Preservation Specialist
Greenhorne & O'Mara, Inc.
Greenbelt, Maryland 20770
September 11, 1991

U.S. COAST GUARD YARD, BUILDING 58
(Mechanical Shop/Mold Loft)
HABS No. MD-1040-B (Page 3)

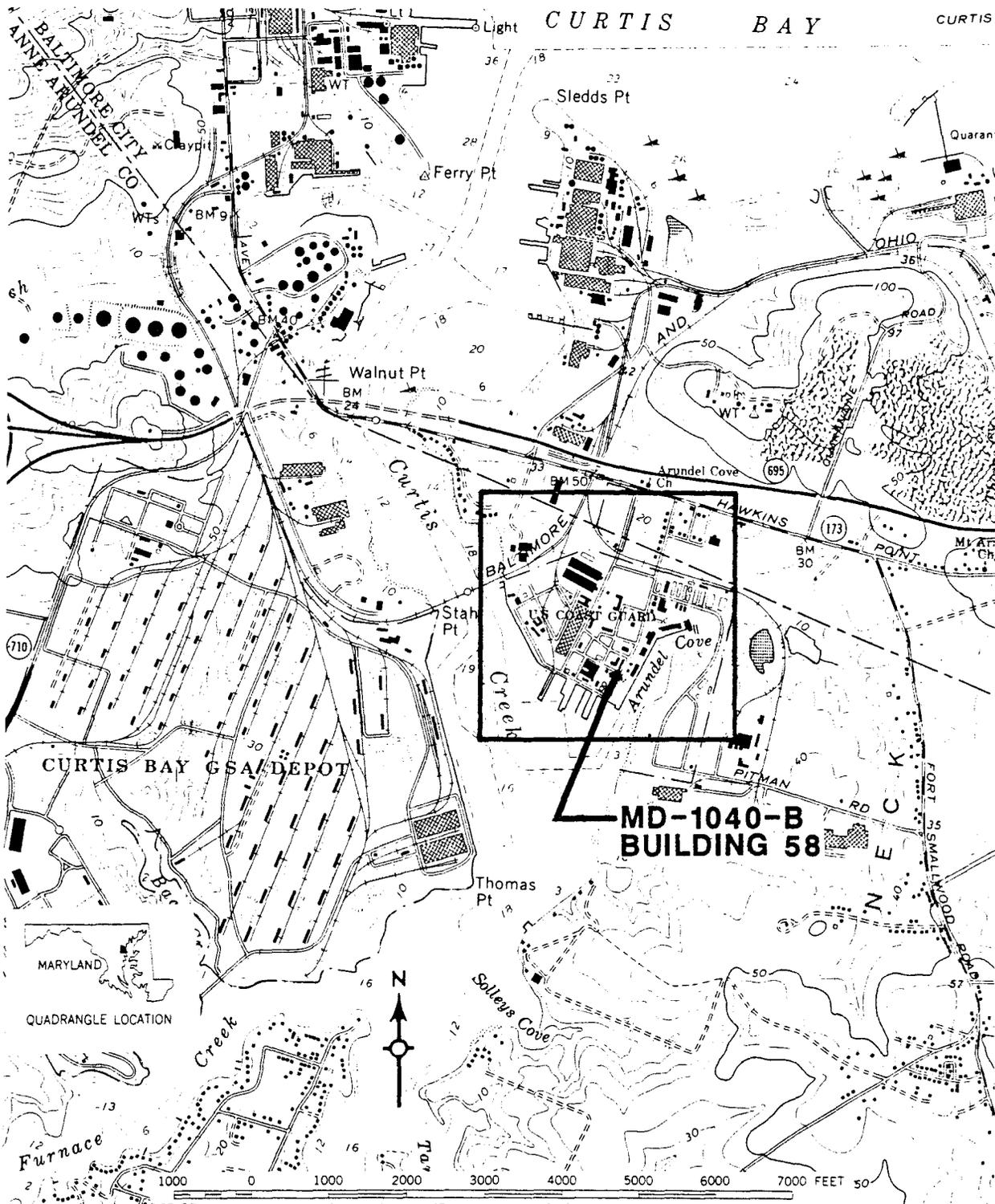


FIGURE 1. Location of U.S. Coast Guard Yard, Curtis Bay in Anne Arundel County, Maryland. U.S.G.S. Curtis Bay quadrangle, 7.5 minute series.

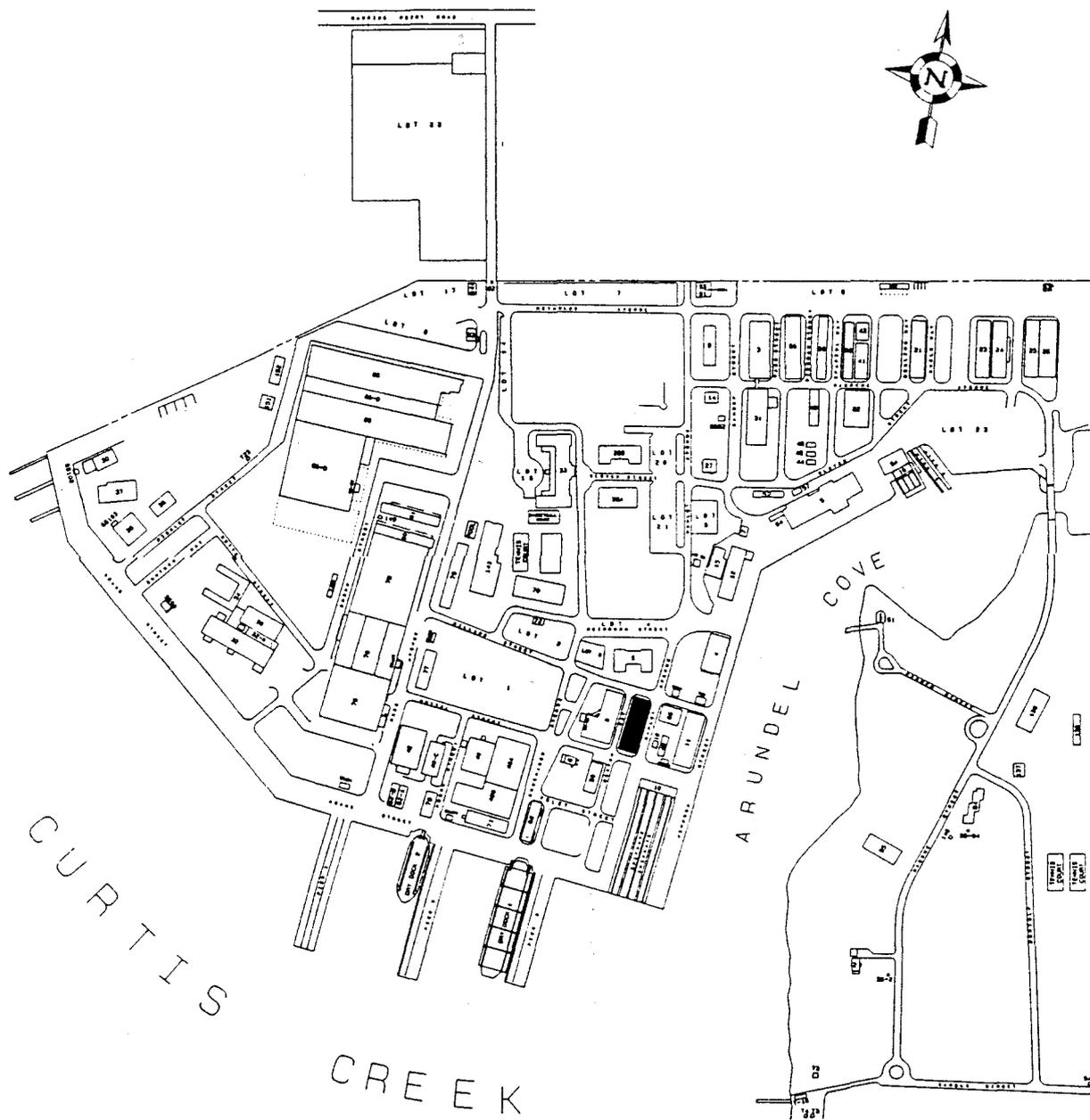
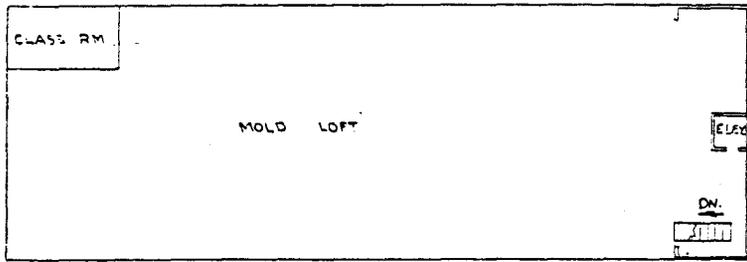


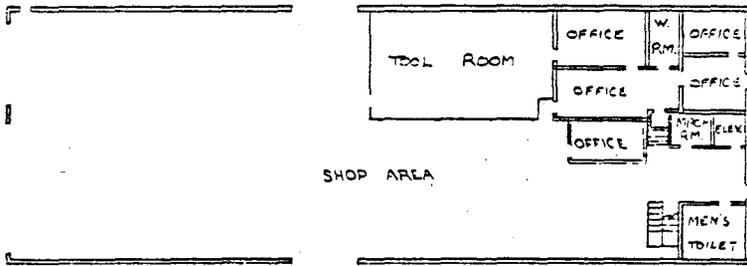
FIGURE 2. U.S. Coast Guard Yard, Curtis Bay facilities map (1990) showing location of Building 58.

U.S. COAST GUARD YARD, BUILDING 58
 (Mechanical Shop/Mold Loft)
 HABS No. MD-1040-B (Page 5)

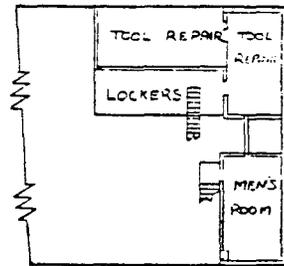


SECOND FLOOR PLAN

INDUSTRIAL	17,920	SO. FT.
TOILET/LOCKER	890	
TOOL ROOM	1,050	
OFFICE	1,552	
CLASS ROOM	390	
TOTAL	21,802	



FIRST FLOOR PLAN



MEZZANINE FLOOR PLAN

FIGURE 3. Sketch floor plan of Building 58.