

AA- 792

FOUNDRY

U.S. COAST GUARD YARD

CURTIS BAY

Public (Restricted)

Building No. 66, a former foundry converted during the 1960's to its present Mobile Equipment Maintenance functions at the U.S. Coast Guard Yard at Curtis Bay, is a two story concrete and steel structure veneered with brick, and is one of a group of five such structures constructed during the period 1934-1942 at the Yard.

These were more permanent structures than the earlier metal industrial building group located on the waterfront, and had more flexible interior layouts. These features led to the conversion of most of the group to multiple uses as Yard production methods changed and need was felt for expanded administrative functions.

Building No.66 shares with this group of industrial structures similarities in design to those of international industrial building styles of the turn of the century as embodied in the designs by German architect Peter Behrens (1868-1940), particularly his Turbine Factory (1909) and other factory buildings in Berlin. More specifically, the buildings resemble early designs for the budding American automobile industry by American architect Alfred Kahn (1869-1942), in particular his 1913 Ford Motor Works buildings which introduced modern worker and production-oriented features, such as cement slab floors and high proportions of facades dedicated to industrial windows set into steel sash. This group of brick veneered Yard buildings, most of which have castellated end block facades, resemble early Kahn designs which incorporated features of traditional building styles. The spirit of designs by Kahn and Behrens were disseminated throughout the world by the German Bauhaus movement of the 1920's.

INVENTORY FORM FOR STATE HISTORIC SITES SURVEY

1 NAME

HISTORIC

AND/OR COMMON

Building No. 66, Mobile Equipment Maintenance Section

2 LOCATION

STREET & NUMBER

U.S. Coast Guard Yard

CITY, TOWN

Curtis Bay

___ VICINITY OF

CONGRESSIONAL DISTRICT

STATE

Maryland 21226

COUNTY

Anne Arundel

3 CLASSIFICATION

CATEGORY	OWNERSHIP	STATUS	PRESENT USE
<input checked="" type="checkbox"/> DISTRICT	<input checked="" type="checkbox"/> PUBLIC	<input checked="" type="checkbox"/> OCCUPIED	<input type="checkbox"/> AGRICULTURE <input type="checkbox"/> MUSEUM
<input type="checkbox"/> BUILDING(S)	<input type="checkbox"/> PRIVATE	<input type="checkbox"/> UNOCCUPIED	<input type="checkbox"/> COMMERCIAL <input type="checkbox"/> PARK
<input type="checkbox"/> STRUCTURE	<input type="checkbox"/> BOTH	<input type="checkbox"/> WORK IN PROGRESS	<input type="checkbox"/> EDUCATIONAL <input type="checkbox"/> PRIVATE RESIDENCE
<input type="checkbox"/> SITE	PUBLIC ACQUISITION	ACCESSIBLE	<input type="checkbox"/> ENTERTAINMENT <input type="checkbox"/> RELIGIOUS
<input type="checkbox"/> OBJECT	<input type="checkbox"/> IN PROCESS	<input checked="" type="checkbox"/> YES: RESTRICTED	<input type="checkbox"/> GOVERNMENT <input type="checkbox"/> SCIENTIFIC
	<input type="checkbox"/> BEING CONSIDERED	<input type="checkbox"/> YES: UNRESTRICTED	<input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> TRANSPORTATION
		<input type="checkbox"/> NO	<input checked="" type="checkbox"/> MILITARY <input type="checkbox"/> OTHER

4 OWNER OF PROPERTY

NAME U.S. Coast Guard

Telephone #: 789-1600

STREET & NUMBER

CITY, TOWN
Curtis Bay

___ VICINITY OF

STATE, zip code
Maryland 21226

5 LOCATION OF LEGAL DESCRIPTION

COURTHOUSE,
REGISTRY OF DEEDS, ETC.

Anne Arundel County Courthouse

Liber #: GW 47

Folio #: 224

STREET & NUMBER

CITY, TOWN
Annapolis

Maryland STATE

6 REPRESENTATION IN EXISTING SURVEYS

TITLE

DATE

___ FEDERAL ___ STATE ___ COUNTY ___ LOCAL

DEPOSITORY FOR
SURVEY RECORDS

CITY, TOWN

STATE

7 DESCRIPTION

AA-772

CONDITION		CHECK ONE	CHECK ONE
<input type="checkbox"/> EXCELLENT	<input type="checkbox"/> DETERIORATED	<input type="checkbox"/> UNALTERED	<input checked="" type="checkbox"/> ORIGINAL SITE
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> RUINS	<input checked="" type="checkbox"/> ALTERED	<input type="checkbox"/> MOVED DATE _____
<input type="checkbox"/> FAIR	<input type="checkbox"/> UNEXPOSED		

DESCRIBE THE PRESENT AND ORIGINAL (IF KNOWN) PHYSICAL APPEARANCE

Historic industrial buildings on the Yard are of two types: 1) steel frame structures clad in corrugated steel sheets built in the early 1930's to house boat building and repair activities; and 2) brick-veneered steel and concrete structures able, because of their advanced concept in industrial plant layout, to house multiple functions (wood-working, welding, and equipment repair activities), as well as separate administrative and support activities areas.

Both structural types replaced wood frame structures along the waterfront, a few of which dated from the opening of the Yard in 1901 but were mostly built in successive waves of Yard construction and modernization between 1906 and 1928.

The first group of metal shop buildings described in the following survey forms are:

<u>Yard Building No.</u>	<u>Survey No.</u>
16	AA-475
5	AA-476
12	AA-477
15	AA-478
11	AA-479

These buildings continue to function in their original uses. They embody high standards for their day for clean, well-lighted interior work spaces and adequate floor space for movement of machinery, workers, and manufactured products. Floor plans also include storage space for equipment and tools not in use as well as space for employees' belongings, minimal office functions, etc. This kind of design reflected a new awareness among industrial designers of the importance to production of positive worker attitudes which, it was theorized, could be aided through provision of safe and pleasant work surroundings.

The second group of brick veneered steel and concrete structures described in the following survey forms are:

<u>Yard Building No.</u>	<u>Survey No.</u>
3	AA-480
4	AA-481
66	AA-482
58	AA-483
8	AA-484

These buildings incorporate the worker-oriented design features of the above group, but here are applied to structures of a more permanent nature, and in most cases, of larger scale. These buildings are of a type built in the United States during and following World War II to accommodate the mass production needs of heavy industry, such as the Ford Motor Company plant at Detroit, and ordnance and equipment plants on military and industrial bases throughout the country and its territories.

CONTINUE ON SEPARATE SHEET IF NECESSARY (Description continues)

8 SIGNIFICANCE

AA-792

PERIOD		AREAS OF SIGNIFICANCE -- CHECK AND JUSTIFY BELOW				
<input type="checkbox"/> PREHISTORIC	<input type="checkbox"/> ARCHEOLOGY-PREHISTORIC	<input type="checkbox"/> COMMUNITY PLANNING	<input type="checkbox"/> LANDSCAPE ARCHITECTURE	<input type="checkbox"/> RELIGION		
<input type="checkbox"/> 1400-1499	<input type="checkbox"/> ARCHEOLOGY-HISTORIC	<input type="checkbox"/> CONSERVATION	<input type="checkbox"/> LAW	<input type="checkbox"/> SCIENCE		
<input type="checkbox"/> 1500-1599	<input type="checkbox"/> AGRICULTURE	<input type="checkbox"/> ECONOMICS	<input type="checkbox"/> LITERATURE	<input type="checkbox"/> SCULPTURE		
<input type="checkbox"/> 1600-1699	<input checked="" type="checkbox"/> ARCHITECTURE	<input type="checkbox"/> EDUCATION	<input checked="" type="checkbox"/> MILITARY	<input type="checkbox"/> SOCIAL/HUMANITARIAN		
<input type="checkbox"/> 1700-1799	<input type="checkbox"/> ART	<input type="checkbox"/> ENGINEERING	<input type="checkbox"/> MUSIC	<input type="checkbox"/> THEATER		
<input type="checkbox"/> 1800-1899	<input type="checkbox"/> COMMERCE	<input type="checkbox"/> EXPLORATION/SETTLEMENT	<input type="checkbox"/> PHILOSOPHY	<input type="checkbox"/> TRANSPORTATION		
<input checked="" type="checkbox"/> 1900-	<input type="checkbox"/> COMMUNICATIONS	<input type="checkbox"/> INDUSTRY	<input type="checkbox"/> POLITICS/GOVERNMENT	<input type="checkbox"/> OTHER (SPECIFY)		
		<input type="checkbox"/> INVENTION				

SPECIFIC DATES 1939

BUILDER/ARCHITECT unknown

STATEMENT OF SIGNIFICANCE

Building No. 66, the Mobile Equipment Maintenance Section, possesses significance as one of a group of five brick-veneered, steel and concrete industrial structures in the Yard built between 1934-1942. This group of steel, concrete and brick structures reflects the influence of international industrial building styles first produced on a large scale by American industrial designer Alfred Kahn (1869-1942), especially his 1913 designs for the Ford Motor Company Works. The castellated north facade of No. 66 is especially reminiscent of Kahn's early 20th century industrial designs which retained elements of classical building styles. Historic photographs (c. 1939) of No. 66 during construction reveal that corrugated metal panels on the east, south, and west facades replaced large sections of steel sash industrial windows, a feature characteristic of worker and production oriented spirit of these early 20th century industrial buildings. These concepts were intensely developed and improved upon, receiving international attention with the German Bauhaus movement of the 1920's.

The conversion of No. 66, originally a foundry, to maintenance and garage functions reflects economic changes affecting physical structures at the Yard. The Yard had iron producing capability in No. 66 and earlier foundries until the 1960's, when it became economically infeasible to continue on-Yard production due to the availability of low-priced iron elsewhere.

CONTINUE ON SEPARATE SHEET IF NECESSARY

9 MAJOR BIBLIOGRAPHICAL REFERENCES

See attached continuation sheet

CONTINUE ON SEPARATE SHEET IF NECESSARY

10 GEOGRAPHICAL DATA

ACREAGE OF NOMINATED PROPERTY _____

VERBAL BOUNDARY DESCRIPTION

See attached continuation sheet

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

STATE	COUNTY
STATE	COUNTY

11 FORM PREPARED BY

NAME / TITLE
Susanne Moore, Historic Sites Surveyor

ORGANIZATION
Maryland Historical Trust

DATE
August 1981

STREET & NUMBER
21 State Circle/Shaw House

TELEPHONE
269-2438

CITY OR TOWN
Annapolis,

STATE
Maryland 21401

The Maryland Historic Sites Inventory was officially created by an Act of the Maryland Legislature, to be found in the Annotated Code of Maryland, Article 41, Section 181 KA, 1974 Supplement.

The Survey and Inventory are being prepared for information and record purposes only and do not constitute any infringement of individual property rights.

RETURN TO: Maryland Historical Trust
The Shaw House, 21 State Circle
Annapolis, Maryland 21401
(301) 267-1438

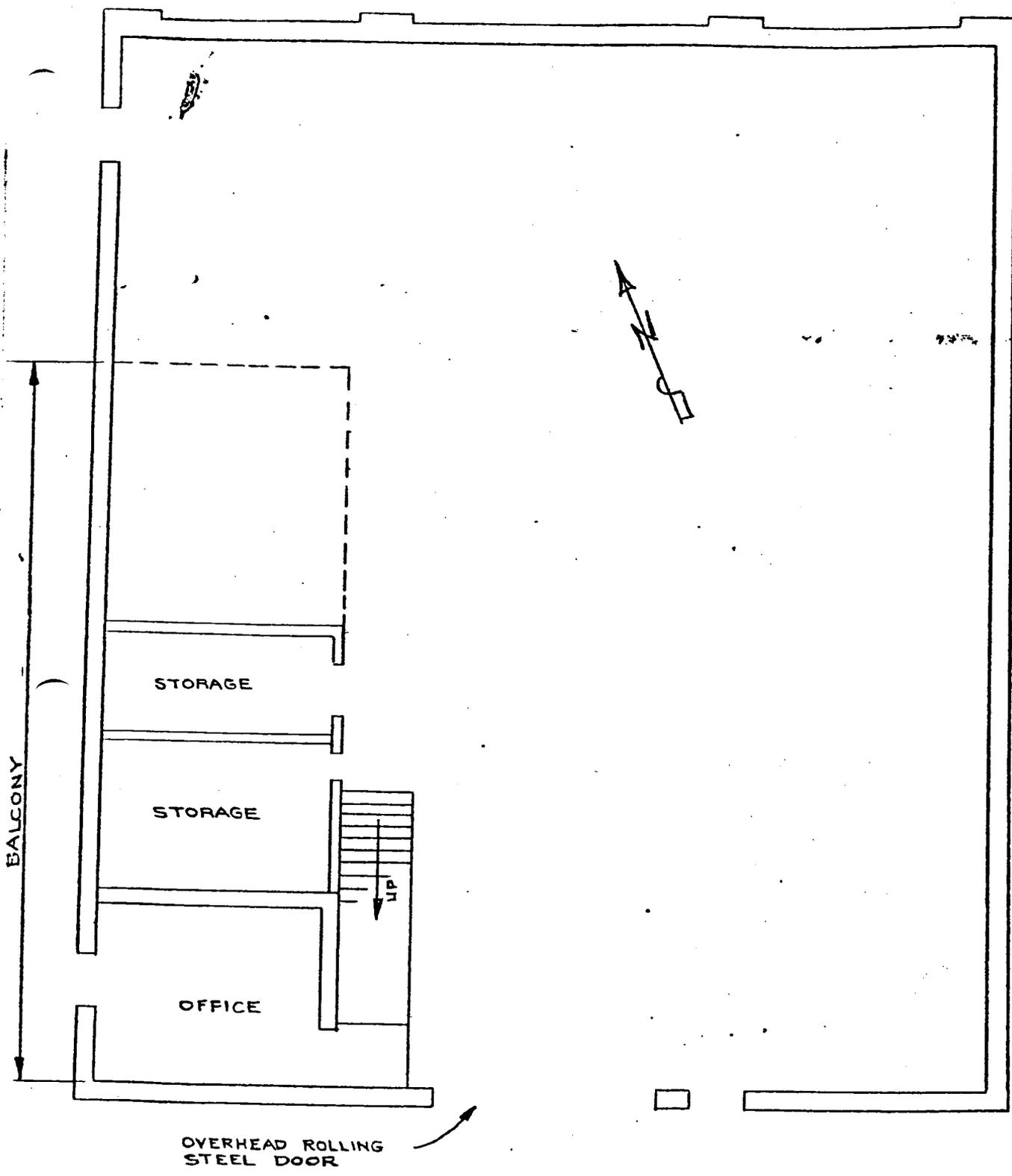
No. 7 DESCRIPTION (continued)

Constructed in 1939, Building No. 66, Mobile Equipment Maintenance Section, is a steel frame concrete structure with brick veneer executed in common bond. The north facade is three bays wide, with outer bays at first floor containing 20-light (4 across, 5 down) industrial windows of reinforced frosted glass. Eastern and westernmost bays at second floor have been sealed with brick and contain metal vents. The center bays at first and second floor levels contain pairs of 20-light (4 across, 5 down) windows. All windows on the facade rest on cement sills. Bays are separated, and ends of the facade bracketed, by brick strip buttresses also executed in common bond with header rows indented about one inch. The center bay roofline is raised about 18" above that of the side sections, giving a castellated effect.

The remaining facades have been altered considerably. The east and west facades are identical, with brick-veneered foundations and all area above them covered with modern "Canadian" square-furrow metal sheathing, which replace original industrial window glass and steel sash. The west facade contains two entrances, one at each end.

The south facade of No. 66 has a square garage opening at center, with the same metal sheathing above the foundation as appears on the east and west facades.

No. 66 was originally a foundry, erected as part of a WPA building effort on the Yard in 1939. Historic photographs of the building under construction reveal that it was a one and a half story monitor-roof structure with tiers of windows on the east and west sides at both first floor and clerestory monitor level. In later years, the availability of iron at low prices from private contractors made production of the metal at the Yard uneconomical. The structure was converted into an equipment maintenance facility in the 1960's.



PLAN

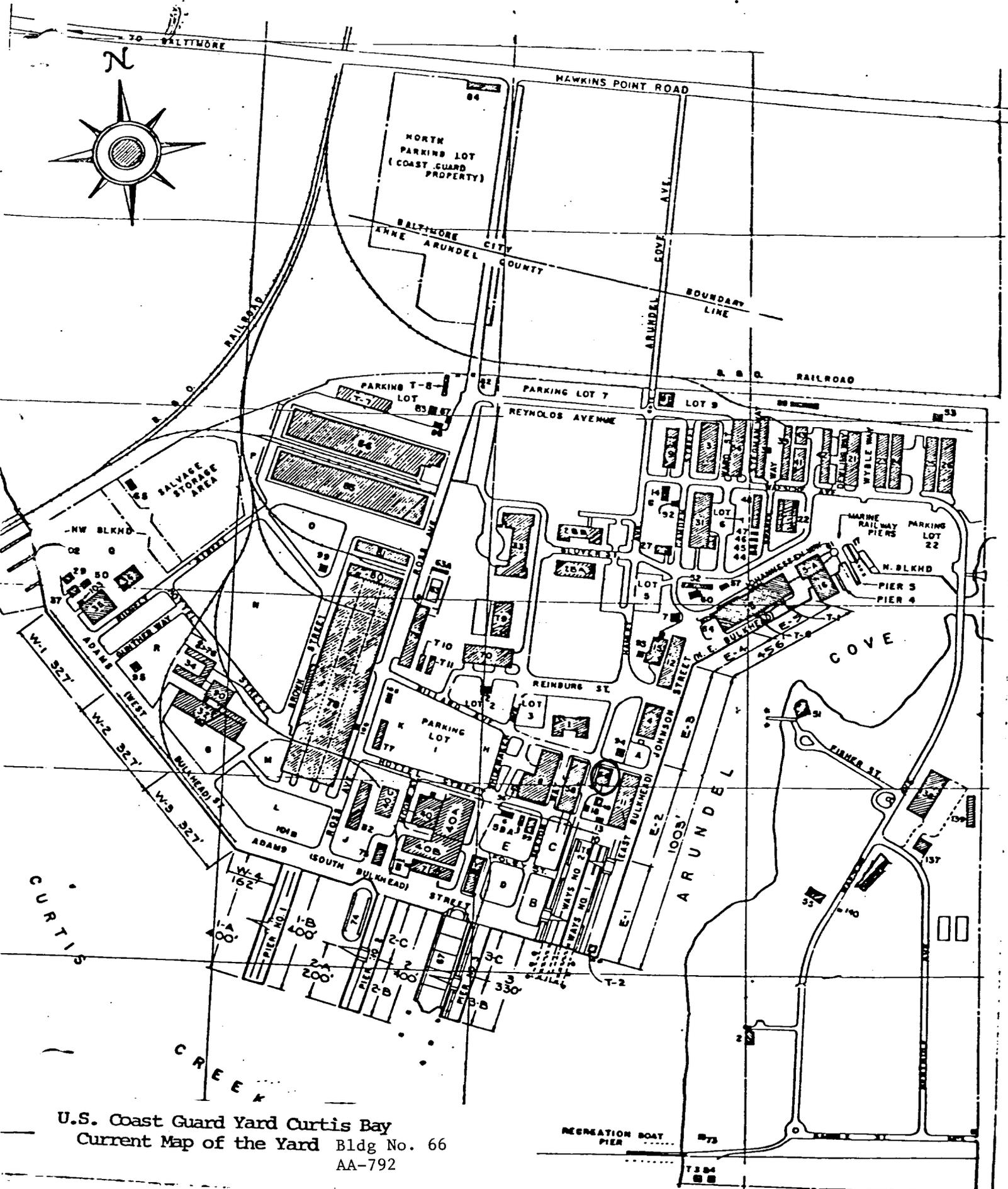
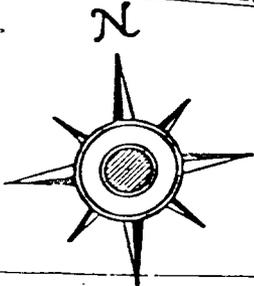
INDUSTRIAL STORAGE	2670 FT ²
OFFICE	610
TOTAL	140
	3420

U.S. Coast Guard Yard AA-792
 Curtis Bay - Bldg No. 66
 Plan
 Original on file in Yard
 Office of Graphics/Repro

REVISED: JUNE 1973
 DRAWN: FEB. 1963

GARAGE
BLDG. NO 66
 SCALE: 1/8" = 1'-0" SHEET 1 OF 1

YARD MAP



U.S. Coast Guard Yard Curtis Bay
Current Map of the Yard Bldg No. 66
AA-792



AA - 792

FOUNDRY

ANNE ARUNDEL, MD

SHERRI MARSH

APRIL 1976

MARYLAND SHPO

SOUTH ELEVATION

~~SI OF 75~~

1 of 2



HAMLET AV

INDUSTRIAL AREA
NO PRIVATE VEHICLES
BEYOND THIS POINT
LADDER AND EYE
PROTECTION REQUIRED

STOP

AA-792

FOUNDRY

ANNE ARUNDEL, MD

SHERRI MARSH

APRIL 1996

MARYLAND SHPO

NORTHWEST PERSPECTIVE

~~50 OF 75~~

2 of 2



U.S. Coast Guard Yard AA- 792
Curtis Bay - Building No. 66
Anne Arundel County, Md
Susanne Moore
July 1981
Maryland Historical Trust, Annapolis, Md
Southwest corner
1/2



U.S. Coast Guard Yard

AA-792

Curtis Bay - Building No. 66

Anne Arundel County, Md

Susanne Moore

July 1981

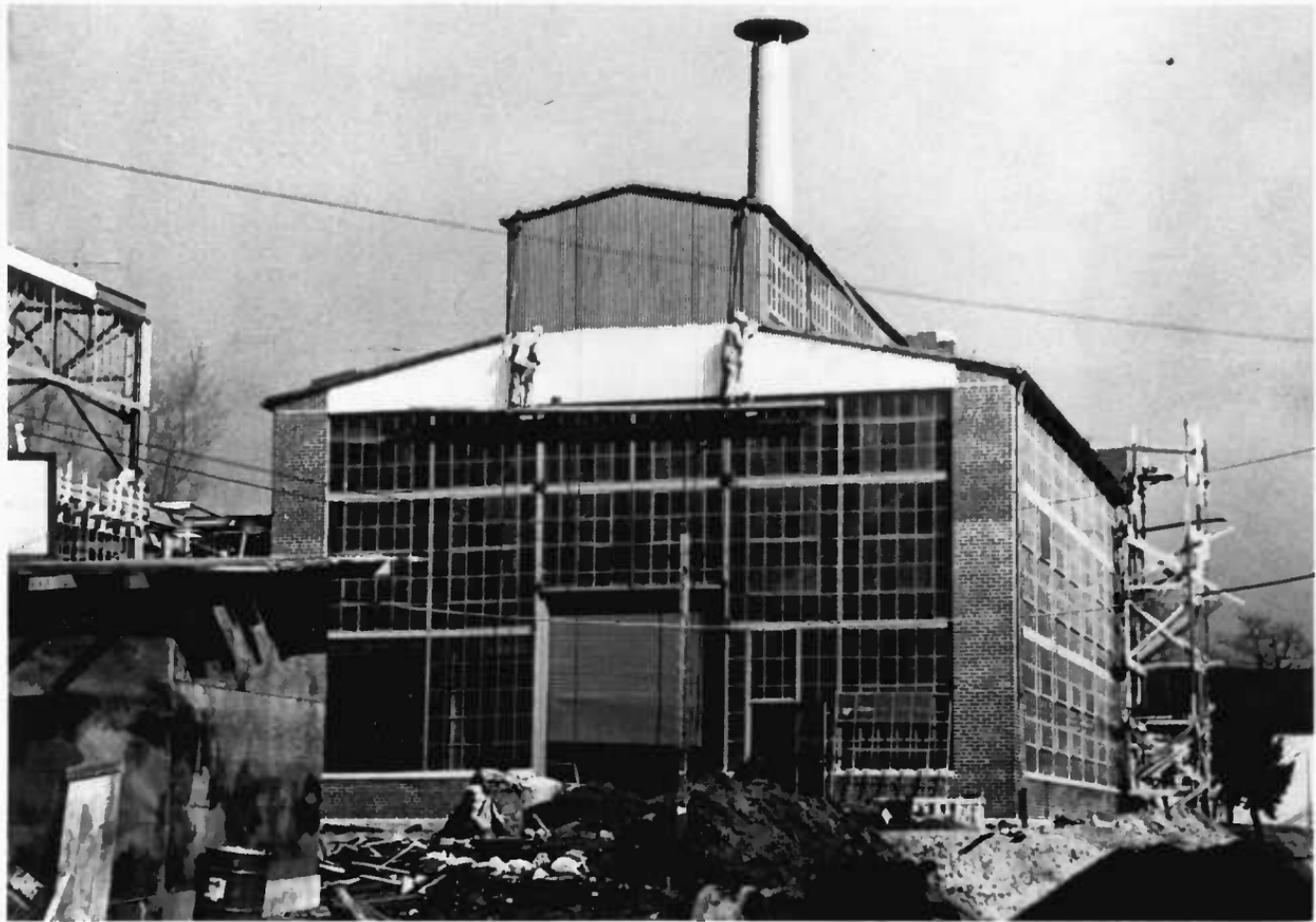
Maryland Historical Trust, Annapolis, Md

Northwest corner

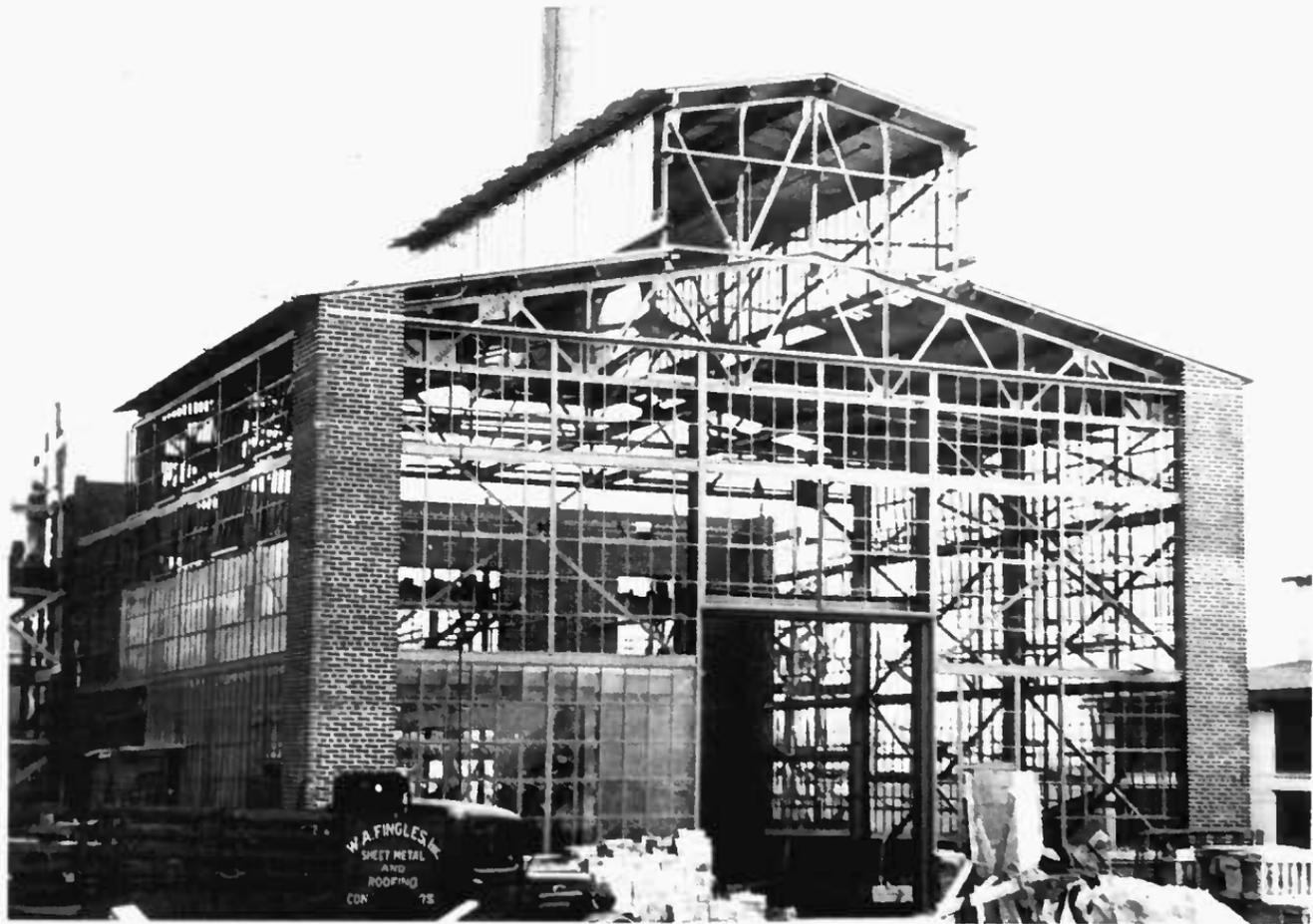
2/2



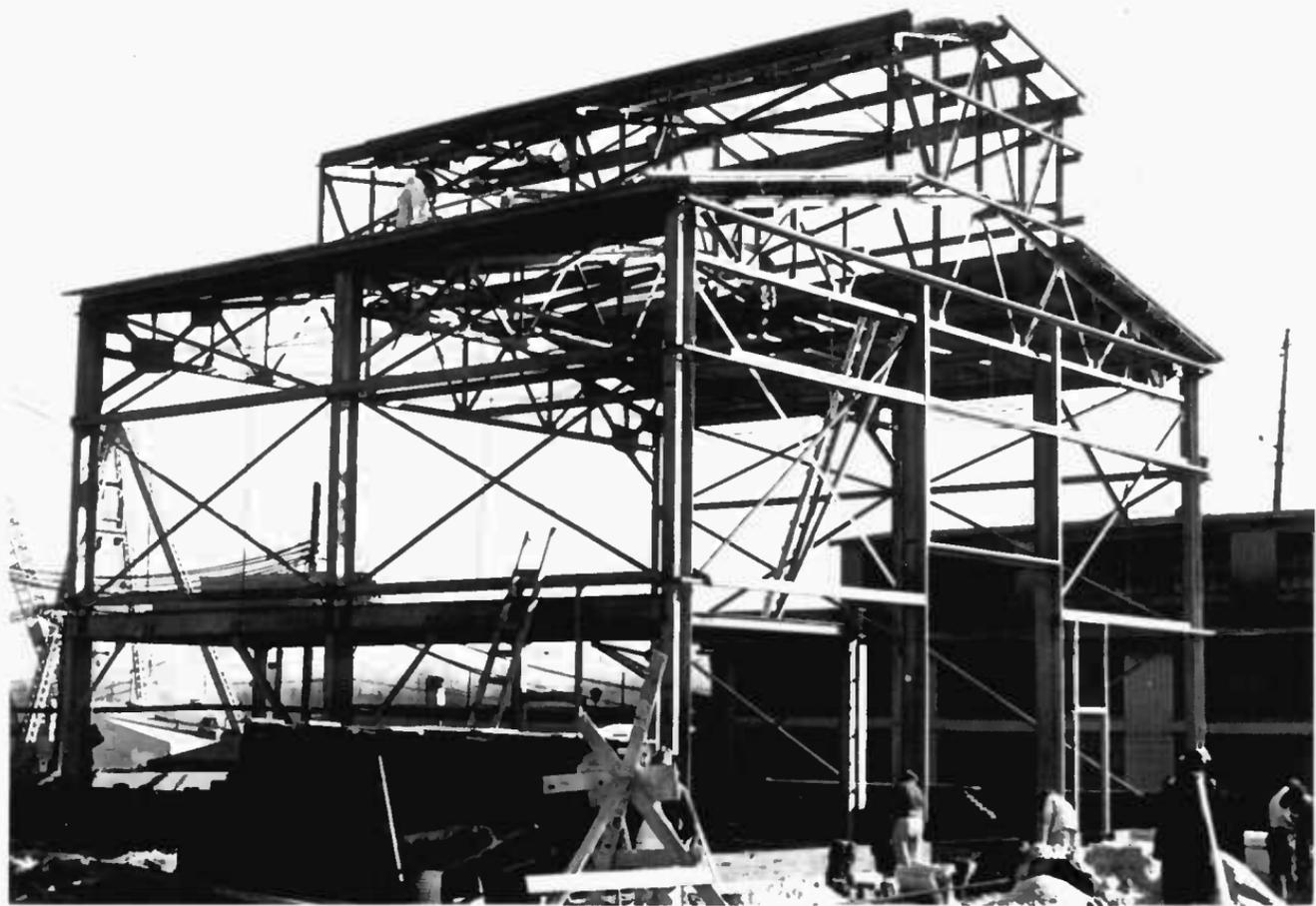
U.S. Coast Guard Yard AA- 792
Curtis Bay - Building No. 66
Southeast corner
Construction photograph, c. 1939
Original on file in Yard photo-
graphic archives



U.S. Coast Guard Yard AA- 792
Curtis Bay - Building No. 66
Southeast corner
Construction photograph, c. 1939
Original on file in Yard photo-
graphic archives

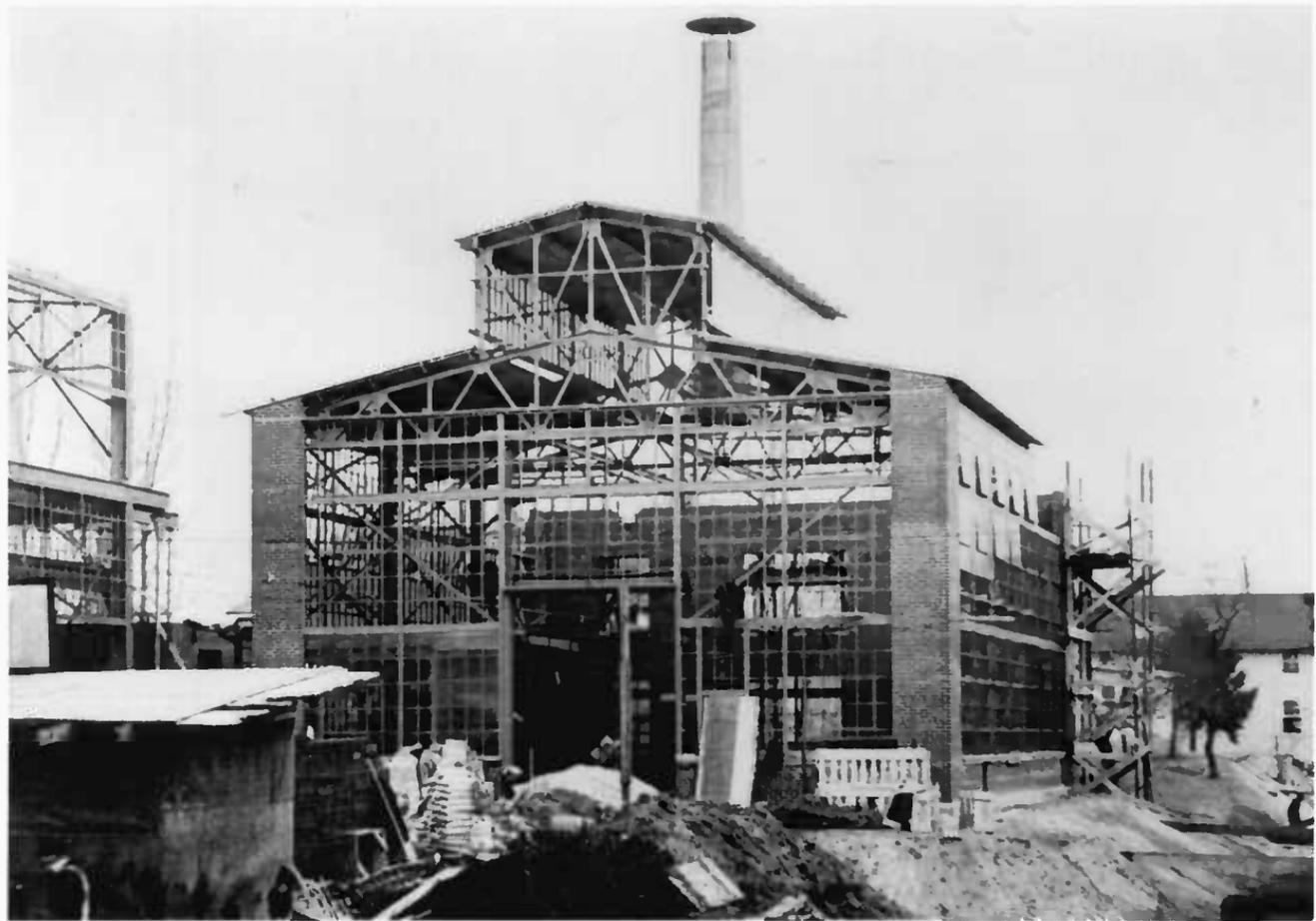


U.S. Coast Guard Yard Curtis AA-792
Bay - Building No. 66
Southwest corner
Construction photograph, c. 1939
Original filed in Yard photographic
archives



U.S. Coast Guard Yard Curtis Bay
AA-792

Historic photograph c. 1939
Southwest corner of Building No. 66
during construction
Original on file in Yard photo
archives



U.S. Coast Guard Yard : AA-792
Curtis Bay - Building No. 66
Southeast corner
Construction photograph, c. 1939
Original on file in Yard photographic
archives