

AA-787

1911; c. 1940

PUBLIC WORKS SHOPS
U.S. COAST GUARD YARD
CURTIS BAY
Public (Restricted)

Building No. 12, the Public Works Shops, was erected in 1911 as part of the U.S. Coast Guard Yard at Curtis Bay. It was substantially rebuilt during a program of Yard renovation and modernization prior to World War II. It is a one-story, gable roofed, steel framed structure with walls and roof clad in corrugated steel sheets.

No. 12 is architecturally significant as part of a group of 5 metal frame, corrugated-steel clad industrial buildings on the Yard, which reflects influences in international industrial building styles of the turn of the century, as embodied in designs by German architect Peter Behrens (1868-1940) for his Turbine Factory (1909) and other factory buildings in Berlin, and those of American architect Alfred Kahn (1869-1942). Among the prolific works of the latter designer, buildings designed for the budding automobile industry in America seem to have had the most impact on Yard building, where design features of early Kahn buildings (most notably the Ford Motor Works buildings in Detroit erected in 1913) can be detected in the design of open floor spaces unfettered by columnar support (made possible by trussed roofs); extension of interior work spaces through the addition of lofts, and high percentage of facade space dedicated to industrial windows set into steel sash. The worker and production-oriented spirit of these constructions were refined and examples of them built all over the world through their dissemination by the German Bauhaus movement of the 1920's.

INVENTORY FORM FOR STATE HISTORIC SITES SURVEY

1 NAME

HISTORIC

AND/OR COMMON

Building No. 12, Public Works Shops

2 LOCATION

STREET & NUMBER

U.S. Coast Guard Yard

CITY, TOWN

Curtis Bay

CONGRESSIONAL DISTRICT

— VICINITY OF

STATE

Maryland

COUNTY

21226

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 #: GW47

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-787

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

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 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 1932

BUILDER/ARCHITECT unknown

STATEMENT OF SIGNIFICANCE

Building No. 12, the Public Works Shop, possesses significance as one of a group of five corrugated steel-clad, steel and concrete industrial buildings in the Yard constructed between 1931-1932. While Yard records indicate a very early date for this building (1911), the structure's appearance suggests a later date. It was probably substantially rebuilt during an intensive building and renovation program at the Yard prior to World War II. Metal industrial buildings in the Yard reflect 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. Building No. 12 has a wide open floor plan and high percentage of wall space dedicated to windows, features characteristic of the worker and production oriented spirit of 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.

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, Maryland 21401

STATE

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)

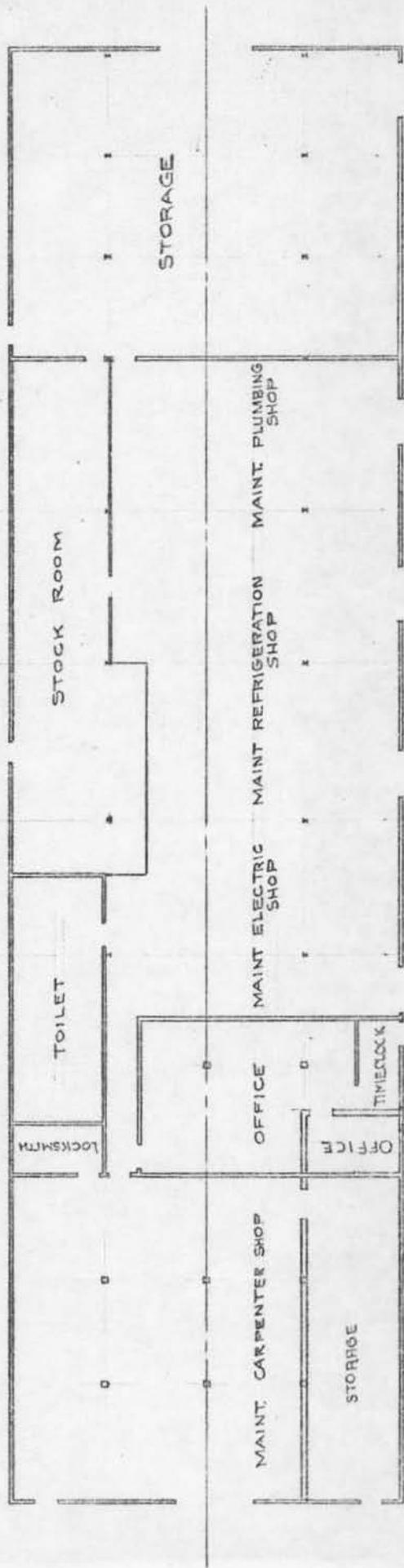
Built in 1932, Building No. 12, the Public Works Shops, is a one-story steel frame gable roofed structure with exterior cladding including roof composed of common corrugated steel sheets attached to the frame. The structure rests on a cement slab floor. No. 12, which measures approximately 25 x 90 feet, houses carpentry, electric, refrigeration and plumbing maintenance shops as well as stock, storage, and office space.

The north facade is 3 bays wide. Centrally placed wooden double doors are flanked by triple 12-light (3 across, 4 down) industrial windows with reinforced frosted glass. Two windows of the same type surmount the doorway, one of which is filled with exhaust venting.

The east facade of No. 12 is contiguous with the east bulkhead of the Cove. The facade is 14 bays long with double doorways in the first, fifth, seventh, ninth, and twelfth bays from the northeast corner. Other bays contain windows of the same type as on the north facade. An additional window of the same type is placed above the doorway in the first bay from the northeast corner.

The west facade, moving northward from the southwest corner, contains large industrial windows in the first five bays, a doorway with steel overhang in the sixth bay, large industrial windows in the seventh and eighth bays, two small windows in the ninth bay and large industrial windows in the last five bays. Industrial windows on this facade are the same type and size as others elsewhere on the building. The south facade was originally identical to the north facade before alteration (i.e., reduction) of the windows to permit installation of a wide sliding door. Exhaust vents occupy portions of the over-door windows which remain.

The roof of No. 12 has been replaced fairly recently with new common corrugated steel and twelve ridge vents rising from the gable peak.



~ FLOOR PLAN ~

INDUSTRIAL STORAGE	4746 FT ²
OFFICE	3364
TOILET	540
OTHER	383
TOTAL	9400

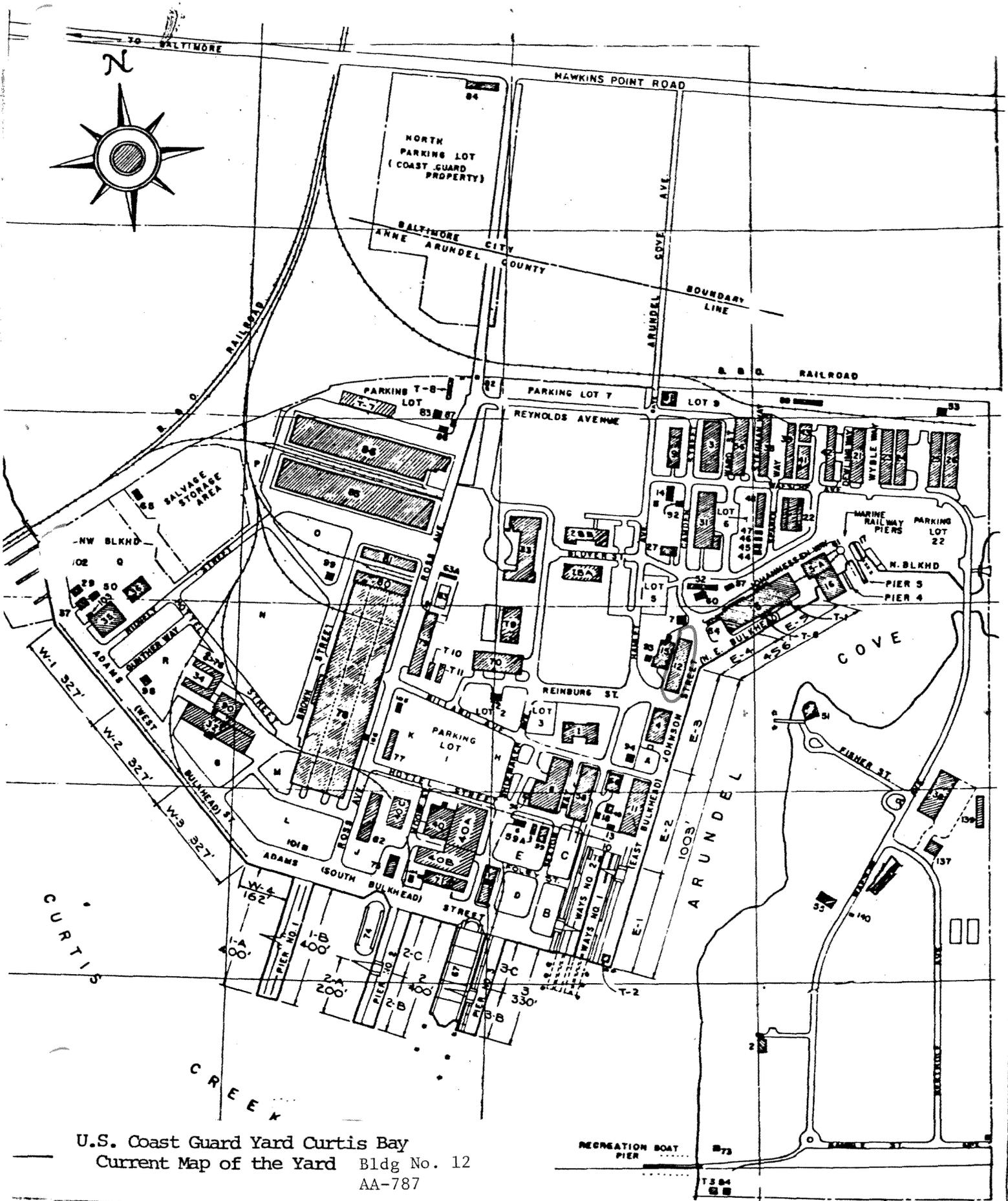
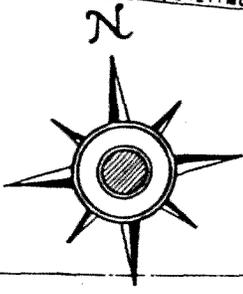
AA-787
 US Coast Guard Yard Curtis Bay
 Building No. 12
 Floorplan
 From original on file in
 Yard's Graphics / Report Office



REV. 5/78 TR
 REVISED JUNE 1976
 DRAWN: JULY 1960

BUILDING No 12
 YARD MAINTENANCE SHOPS
 SCALE: 1" = 20' SHEET 1 OF 1

YARD MAP



U.S. Coast Guard Yard Curtis Bay
Current Map of the Yard Bldg No. 12
AA-787



AA-787

METAL SHOPS

ANNE ARUNDEL, MD

SHERRI MARSH

APRIL 1996

SOUTHEAST PERSPECTIVE

~~19 OF 75~~

1 of 1



U.S. Coast Guard Yard
Curtis Bay - Building No. 12
Anne Arundel County, Md
Susanne Moore
July 1981
Maryland Historical Trust, Annapolis, Md
Southwest corner
1/2

AA-787



U.S. Coast Guard Yard
Curtis Bay - Building No. 12
Anne Arundel County, Maryland
Susanne Moore

AA-787

July 1981

Maryland Historical Trust, Annapolis, Md
Northeast corner

2/2