

MARYLAND HISTORICAL TRUST
DETERMINATION OF ELIGIBILITY FORM

NR Eligible: yes
no

Property Name: Building 100, Transportation Building Inventory Number: M: 29-52-19
Address: 9500 MacArthur Boulevard Historic district: yes no
City: West Bethesda Zip Code: 20817 County: Montgomery
USGS Quadrangle(s): Falls Church
Property Owner: United States Navy Tax Account ID Number: _____
Tax Map Parcel Number(s): _____ Tax Map Number: _____
Project: Contract N40080-07-D-0311, Delivery Order 26 Agency: NAVFAC Washington
Agency Prepared By: The Louis Berger Group, Inc.
Preparer's Name: Patti Kuhn Date Prepared: 10/26/2011
Documentation is presented in: 2011 Integrated Cultural Resources Management Plan
Preparer's Eligibility Recommendation: _____ Eligibility recommended Eligibility not recommended
Criteria: A B C D Considerations: A B C D E F G
Complete if the property is a contributing or non-contributing resource to a NR district/property:
Name of the District/Property: NSWCCD Historic District
Inventory Number: M: 29-52 Eligible: yes Listed: yes
Site visit by MHT Staff yes no Name: _____ Date: _____

Description of Property and Justification: *(Please attach map and photo)*

Setting

Building 100 is located in the north portion of the 183.6-acre Naval Support Facility (NSF) Carderock formerly known as the Naval Surface Warfare Center Carderock Division (NSWCCD). Located approximately 12 miles northwest of Washington, D.C., near Bethesda, Maryland, NSF Carderock is situated north of the Potomac River and is bordered by the Clara Barton Parkway to the south and MacArthur Boulevard to the north and east. The installation is composed of 123 buildings and structures that function as research laboratories, administration facilities, and operations and utility structures. At the center of the installation is the David Taylor Model Basin (DTMB) (Buildings 1-4), a group of interconnected buildings that include a model basin, an administration building, a shop building, and a laboratory. Building 100 is located north of the Model Basin (Building 4) and northwest of Building 111. A recreation area and pavilion are directly east and north of Building 100. The building sits on a level, grassy site and faces west.

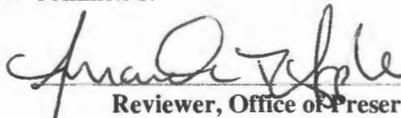
Description

Building 100 was built in 1983 and serves as an RDT&E Support Facility. It has a rectangular footprint and sits on a solid poured

MARYLAND HISTORICAL TRUST REVIEW

Eligibility recommended _____ Eligibility not recommended
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MHT Comments:


Reviewer, Office of Preservation Services

6/26/14
Date

Reviewer, National Register Program

Date

201204174

concrete foundation. The building is clad in vertical vinyl siding and is capped with a flat parapet roof. Windows are one-light metal-sash sliding and one-light metal-sash fixed. A single-leaf metal door sheltered by a gabled portico is located on the main (west) elevation. The portico is supported by metal posts. An additional single-leaf door is located on the east elevation. The north elevation is pierced by a roll-up metal vehicular door.

Evaluation

Building 100 was built in 1983. It formerly served as a transportation building and is currently used as a RDT&E Support Facility. The 1,152 square-foot building cost the government \$90,864 to build (INFADS 2011).

In 1985 the DTMB and associated buildings (Buildings 1-4) were listed in the National Register of Historic Places (M: 29-47). The campus of buildings created at NSF Carderock from 1938 to 1958 was determined eligible for the National Register as the Naval Surface Warfare Center Carderock Division (NSWCCD) Historic District in 1996. The determination of eligibility stated that the historic district possesses the qualities of exceptional significance under Criterion G "within the historic context of military research, design, testing, and evaluation." It also stated that the historic district meets Criterion A for events that have made a significant contribution to military technology, and Criterion C for its intact collection of RDT&E buildings and facilities. The period of significance for the historic district was determined as beginning in 1938 when the model basin was constructed and ending in 1958, the end date of physical model testing and the official mission change to include computer research and testing. In 1995, 116 built resources were recorded and 44 were determined as contributing to the historic district (Melhuish 1996).

In 2006 The Louis Berger Group, Inc., updated the ICRMP for NSF Carderock. In October-November 2005 Buildings 16 and 18 were re-evaluated and found to be eligible for the National Register as contributing elements in the historic district. This evaluation also recommended that the period of significance for the historic district (originally 1938 to 1958) warranted expansion to 1970, marking the completion of the Anechoic Test facility and the close of the 20 "Golden Years of Research" at DTMB (Bowers 2005).

Building 100 is recommended as non-contributing to the NSWCCD (NSF Carderock) Historic District. Building 100 was built in 1983 as a transportation building at NSF Carderock. It is not associated with the significance of the historic district for its contribution to military technology (Criterion A) or as part of the campus's collection of RTD&E buildings (Criterion C). In addition, the building was constructed outside the period of significance of the historic district.

Works Cited

Bowers, Martha H.

2005 Maryland Inventory of Historic Property Forms for Buildings 16 and 18, NSWCCD. Prepared for the United States Navy by The Louis Berger Group, Inc., Morristown, New Jersey. On file, Maryland Historical Trust, Crownsville.

Brownell, W.F.

1962 Two New Hydromechanics Research Facilities at the David Taylor Model Basin. Hydromechanics Laboratory Research and Development Report No. 1690. Department of the Navy, David Taylor Model Basin, Carderock, Maryland.

Carlisle, Rodney

1987 Where the Fleet Begins: A History of the David Taylor Research Center. Prepared for the David Taylor Naval Ship R & D Center, Carderock, Maryland, by History Associates Incorporated.

Internet Navy Facilities Assets Data Store [INFADS]

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Date

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2011 Various property records. Naval Facilities Engineering Command [NAVFAC] Washington, D.C.

McCarthy, Justin H.

1993 David Taylor Research Center. In A Half-Century of Marine Technology, 1943-1993, edited by H. Benford and W.A. Fox. Society of North American Mechanical Engineers, Jersey City, New Jersey.

Melhuish, Geoffrey E.

1996 Historical and Architectural Documentation of the Naval Surface Warfare Center Carderock Division, Maryland: Draft. Prepared for Engineering Field Activity-Chesapeake, Washington, D.C., by R. Christopher Goodwin and Associates, Inc.

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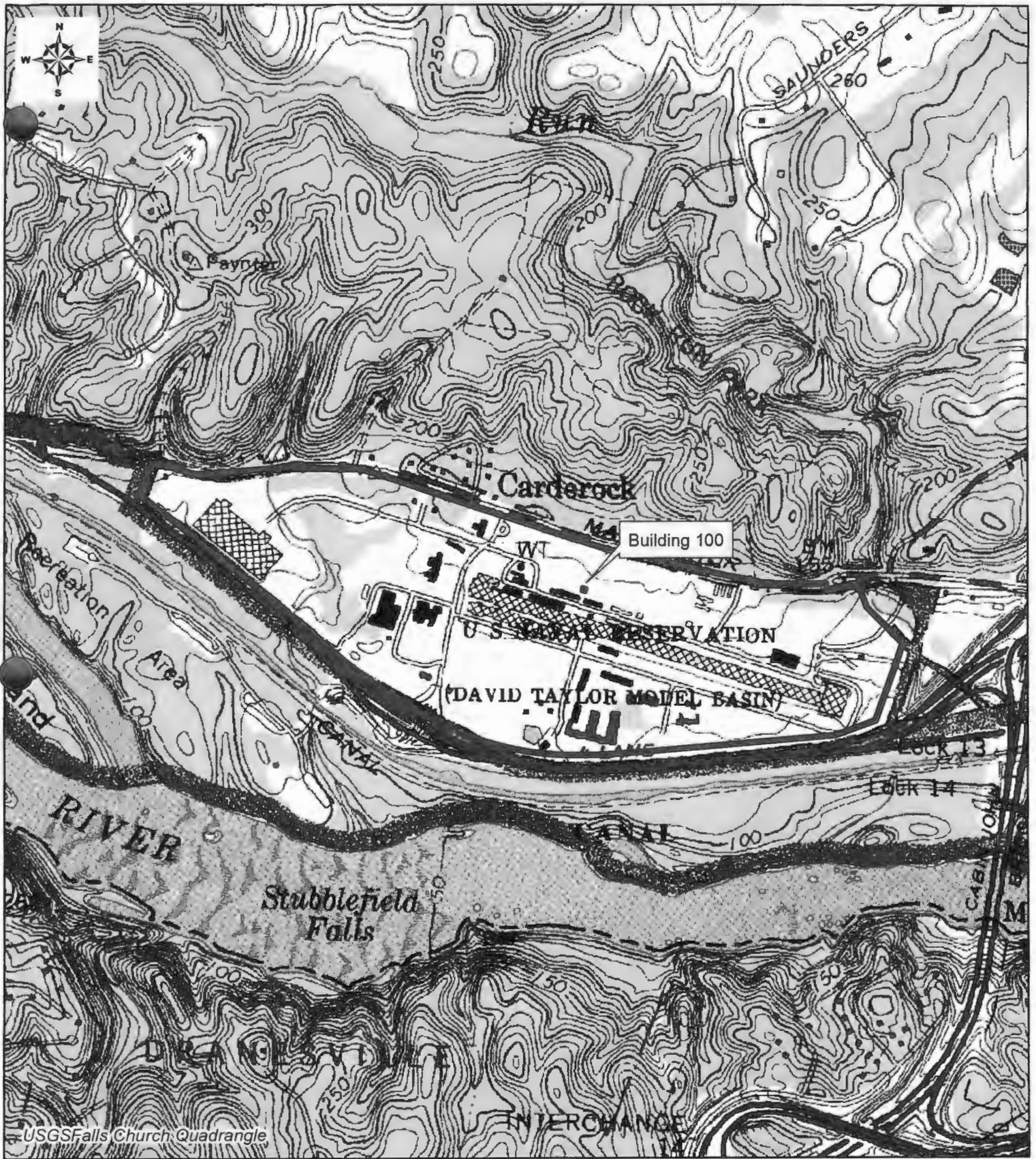
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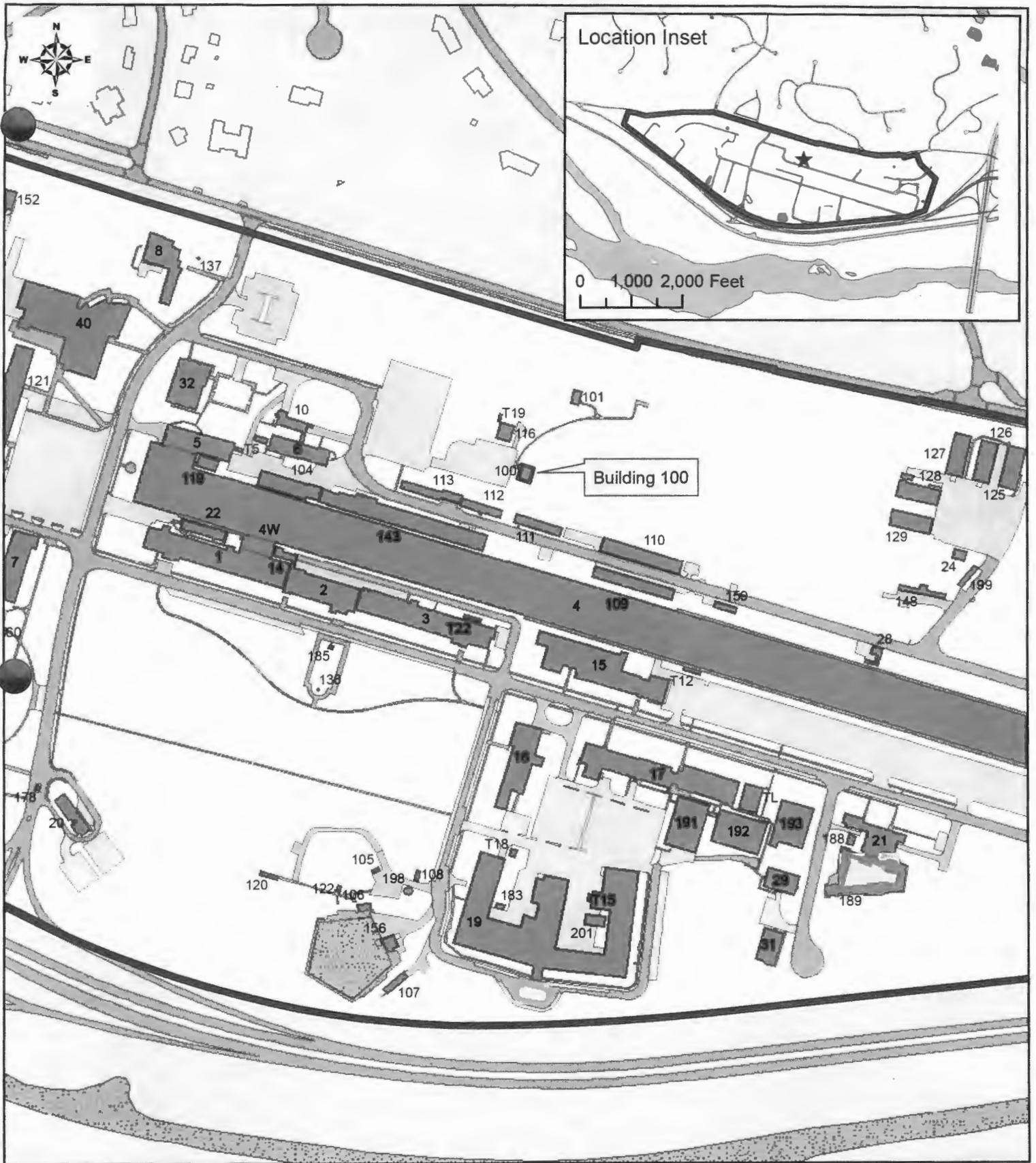
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 Historic District

 500 0 500 Feet

Naval Support Facility, Carderock
NSWCCD Historic District (MIHP No. M:29-52) 19
Building Number 100



Naval Support Facility, Carderock
 NSWCCD Historic District (MIHP No. M:29-52) 19

Building Number 100

Structures
 Historic District

 100 0 100 Feet



M: 29-52-19

NSWCCD HISTORIC DISTRICT (NSR GARDELOCK)

BLOG 100. TRANSPORTATION BUILDING

MONTGOMERY COUNTY, MD

LOUIS BERGER GROUP

4/2010

MDSHPO

WEST ELEVATION, LOOKING NORTHEAST

PHOTO 1 OF 2



M: 29-52-19

NSWCCD HISTORIC DISTRICT (NSF CARDEROCK)

BLDG 100. TRANSPORTATION BUILDING

MONTGOMERY COUNTY, MD

LOUIS BERGER GROUP

4/2010

MDSHPO

SOUTHEAST CORNER, LOOKING NORTHWEST

PHOTO 2 OF 2