

Survey No. HA-1851
Building E5695
Edgewood Area, Aberdeen Proving Ground
Harford County, Maryland

Maryland Comprehensive Historic Preservation Plan Data

Geographic Organization: Piedmont
Chronological/Development Period: A.D. 1930-Present
Historic Period Theme: Military

Resource Type:

Category: Building
Historic Environment: Military Installation
Historic Function(s) and Use(s): Warehouse
Known Design Source: Construction Division, Office of the Quartermaster General

**Maryland Historical Trust
State Historic Sites Inventory Form**

MARYLAND INVENTORY OF
HISTORIC PROPERTIES

Survey No. HA-1851

Magi No.

DOE yes no

1. Name (indicate preferred name)

historic Building E5695 (Preferred)

and/or common Warehouse

2. Location

street & number Magnolia Avenue, Edgewood Area, APG NA not for publication

city, town Edgewood vicinity of congressional district 2

state Maryland county Harford

3. Classification

Category	Ownership	Status	Present Use	
<input type="checkbox"/> district	<input checked="" type="checkbox"/> public	<input type="checkbox"/> occupied	<input type="checkbox"/> agriculture	<input type="checkbox"/> museum
<input checked="" type="checkbox"/> building(s)	<input type="checkbox"/> private	<input checked="" 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 type="checkbox"/> yes: restricted	<input type="checkbox"/> government	<input type="checkbox"/> scientific
	<input type="checkbox"/> being considered	<input checked="" type="checkbox"/> yes: unrestricted	<input type="checkbox"/> industrial	<input type="checkbox"/> transportation
	<input checked="" type="checkbox"/> not applicable	<input type="checkbox"/> no	<input checked="" type="checkbox"/> military	<input type="checkbox"/> other:

4. Owner of Property (give names and mailing addresses of all owners)

name Dept. of the Army, Aberdeen Proving Ground

street & number Real Estate Section, Directorate of Public Works telephone no.: (410) 278-7689

city, town Aberdeen Proving Ground state and zip code MD 21005-5001

5. Location of Legal Description

courthouse, registry of deeds, etc. Real Estate Section, DPW liber

street & number folio

city, town Aberdeen Proving Ground state MD

6. Representation in Existing Historical Surveys

title Historic American Engineering Record MD-47

date 1982 federal state county local

pository for survey records Library of Congress

city, town Washington state D.C.

7. Description

Survey No. HA-1851

Condition

excellent

good

fair

deteriorated

ruins

unexposed

Check one

unaltered

altered

Check one

original site

moved

date of move _____

Prepare both a summary paragraph and a general description of the resource and its various elements as it exists today.

(See Continuation Sheet)

8. Significance

Survey No. HA-1851

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 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 1941 **Builder/Architect** Construction Division Office of the
Quartermaster General

check: Applicable Criteria: A B C D
and/or
Applicable Exception: A B C D E F G

Level of Significance: national state local

Prepare both a summary paragraph of significance and a general statement of history and support.

(See Continuation Sheet)

9. Major Bibliographical References

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(See Continuation Sheet)

10. Geographical Data

Acres of nominated property >1 acre

Quadrangle name Edgewood, MD

Quadrangle scale 1:24000

UTM References do NOT complete UTM references

A	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Zone	Easting	Northing

B	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Zone	Easting	Northing

C	<input type="text"/>	<input type="text"/>	<input type="text"/>
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D	<input type="text"/>	<input type="text"/>	<input type="text"/>
---	----------------------	----------------------	----------------------

E	<input type="text"/>	<input type="text"/>	<input type="text"/>
---	----------------------	----------------------	----------------------

F	<input type="text"/>	<input type="text"/>	<input type="text"/>
---	----------------------	----------------------	----------------------

G	<input type="text"/>	<input type="text"/>	<input type="text"/>
---	----------------------	----------------------	----------------------

H	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Verbal boundary description and justification

(See Continuation Sheet)

List all states and counties for properties overlapping state or county boundaries

state	<u>Maryland</u>	code	county	<u>Harford</u>	code
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state		code	county		code
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11. Form Prepared By

name/title W. Patrick Giglio/Architectural Historian

organization R. Christopher Goodwin & Assoc, Inc. date April 1994

street & number 337 E. Third Street telephone (301) 694-0428

city or town Frederick state MD

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~~
 Shaw House
 21 State Circle
 Annapolis, Maryland 21401
 (301) 269-2438

MARYLAND HISTORICAL TRUST
 DHCP/DHCD
 100 COMMUNITY PLACE
 CROWNSVILLE, MD 21032-2023
 514-7600

Survey No. HA-1851
Building E5695
Edgewood Area, Aberdeen Proving Ground
Harford County, Maryland

7. DESCRIPTION

Building E5695 was constructed in 1941 as a storehouse for Edgewood Arsenal, known today as Edgewood Area. The building is located immediately south of Magnolia Road, in the northwest portion of Edgewood Area, near the Magnolia Road gate entrance.

Building E5695 is a long rectangular, one-story building, measuring approximately 400-ft. The building has a concrete foundation, interior steel-frame support system, and structural clay tile walls. The building has a low-pitched gable roof clad with corrugated metal. The building is banded by multi-light industrial sash windows. The design originally included a total of 20 metal sliding doors spaced at 20-ft intervals on the north and south elevations.

In 1950, the Nuclear Defense Laboratory (NDL) converted the building to a nuclear physics and chemical laboratory. The storage bays were divided with interior partition walls to create restrooms and office spaces. Small enclosed sheds were added to the loading platform on the north elevation. The shed additions were equipped with metal chimneys. In 1963, the building was again renovated. A modern, aluminum-and-glass entry door was installed on the north elevation of the building. Partitions were removed and new rooms were added.

CONTRIBUTING RESOURCE COUNT: 1

8. SIGNIFICANCE

Summary

Originally constructed as a warehouse during World War II, Building E5695 served as a support structure for chemical manufacturing and testing at Edgewood Area. The building is a utilitarian structure that has undergone extensive modifications when converted into a laboratory. The extent of exterior changes and additions have altered significantly the original appearance of the structure. Building E5695 does not retain its integrity of design or materials from its original construction as a warehouse necessary for listing in the National Register of Historic Places.

History

Building E5695 was constructed as one of numerous storage facilities erected during World War II at Edgewood Arsenal, known today as Edgewood Area. Edgewood Area has been associated closely with chemical warfare activities since its establishment in 1918. From 1918 through 1945, the Chemical Warfare Service coordinated the development, testing, production, storage, and deployment of chemical weapons. During World War II, permanent construction at Edgewood Area was concentrated in the industrial core and surrounding warehouse complexes. The World War I-era industrial core was expanded through the addition of utilitarian buildings to support chemical weapons production during World War II; older buildings were remodeled to accommodate new technologies. Of the 259 extant permanent buildings related to the World War II historic context in Edgewood Area, half of them were constructed as storehouses.

During World War II, the area south of Magnolia Road was the site of a large warehouse complex built to support the manufacturing plants at Edgewood Arsenal. Approximately 35 warehouses, including Building E5695, were constructed in this area. Building E5695 is located at the northern edge of the warehouse complex and is not visually connected with it.

During the 1950s, the area north of Magnolia Road was assigned to the Nuclear Defense Laboratory (NDL). Building E5695 was converted into laboratory space. During the past ten years, the building has been used as a chemical laboratory by U.S. Army Environmental Health Laboratory and the U.S. Armament Munitions and Chemical Command Product Assurance Directorate. Laboratory work undertaken in the building includes the analysis of satellite imagery depicting the accumulations of hazardous waste. This process also was undertaken in the adjacent Building E5697, which was constructed as a radiation hot cell in 1964 (U.S. Army Environmental Hygiene Agency 1989:765).

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9. MAJOR BIBLIOGRAPHIC REFERENCES

Goodwin, R. Christopher, Katherine Grandine, Thomas W. Davis, Christopher R. Polglase, Kathryn M. Kuranda, Leo P. Hirrel, Tom Dod, Timothy Silva, S. Justine Woodard, Bethany M. Usher

1993 *Aberdeen Proving Ground Cultural Resource Management Plan*. Prepared by R. Christopher Goodwin & Associates, Inc., for Corps of Engineers, Baltimore District, Baltimore, Md. Draft Report.

Goodwin, R. Christopher, Kathryn M. Kuranda, W. Patrick Giglio, Katherine Grandine

1994 *Architectural Survey and Assessment of Five Buildings at Aberdeen Proving Ground (APG), Aberdeen, Maryland*. Prepared for Department of the Navy, Atlantic Division, Naval Facilities Engineering Command.

Grandine, Katherine, Irene Jackson Henry, and William R. Henry Jr.

1982 *DARCOM Historic Building Inventory: Aberdeen Proving Ground, Maryland*. Prepared by the National Park Service Historic American Buildings Survey.

U.S. Army Environmental Hygiene Agency

1989 *RCRA Facility Assessment, Edgewood Area*. Aberdeen Proving Ground, Maryland.

ARCHIVAL SOURCES

Aberdeen Proving Ground

Directorate of Public Works. Map collections, real property records, architectural drawing archives.

Library of Congress

Prints and Photographs Division. Historic American Buildings Survey/Historic American Engineering Record.

National Archives

Records of the Office of Chief of Engineers. RG 77, Completion Reports, Aberdeen Proving Ground and Edgewood Arsenal, 1917-1943.

Records of the Office of the Quartermaster General. RG 92, Construction Division, Completion Reports, Aberdeen Proving Ground and Edgewood Arsenal, 1917-1940.

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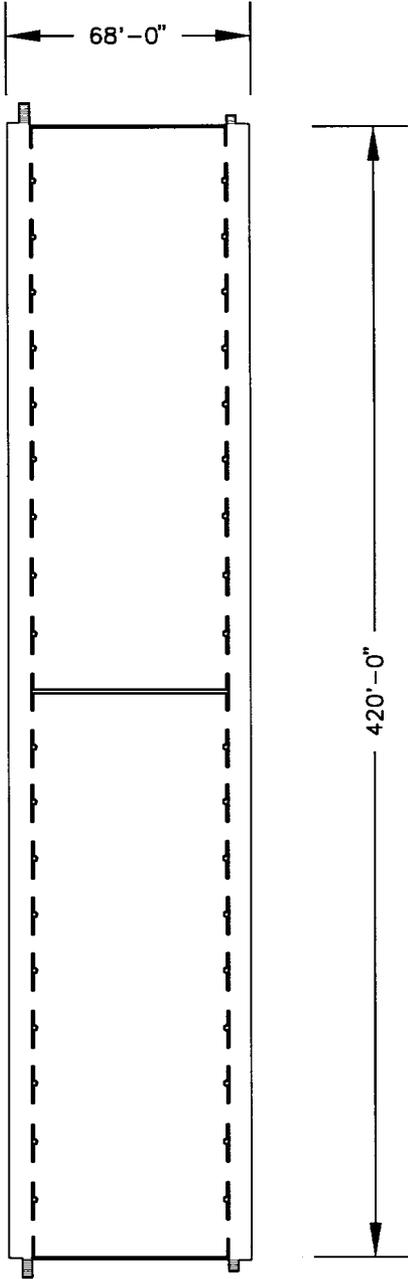
Section 9.2

Records of the Chief of Ordnance. RG 156, Histories of Ordnance Installations, 1940-1945 (Entry 646).

Records of the Chief of Ordnance. RG 156, Ordnance Proving Grounds, 1940-1945 (Entry 646A).

10. GEOGRAPHICAL DATA

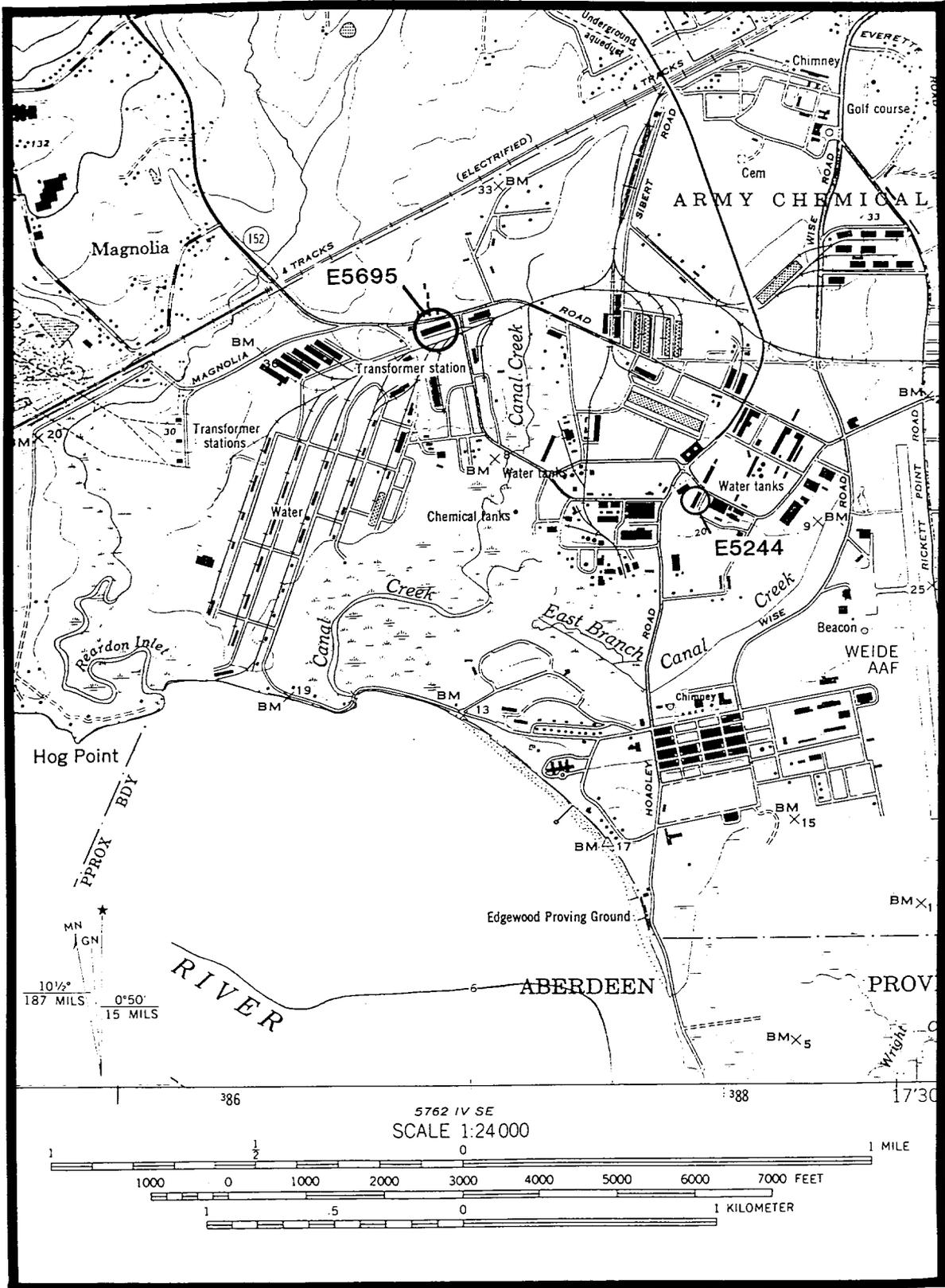
Building E5695 is located immediately south of Magnolia Road, in the northwest portion of Edgewood Area, near the Magnolia Road gate entrance. The boundaries of the property are the footprint of the building and is the original placement of the structure when it was constructed in 1942.



HA-1851
Building E5695
Edgewood Area,
Aberdeen Proving Ground
Horford County
Plan from 1940
Gus Fohey
First Floor
Interior Not Accessible



SCALE: 1" = 70'-0"



HA-1851
 Building E5695
 Edgewood Area, Aberdeen Proving Ground
 Harford County
 Edgewood Quadrangle



HA - 7851

Building E5695

Edgewood Area, Aberdeen Proving Ground

Harford county, Maryland

Reed Macmillan

10/93

Directorate of Safety, Health and Environment, APG-

View facing east

1 of 2



HA-1851

Building E5695

Edgewood Area, Aberdeen Proving Ground

Harford County, Maryland

Reed Macmillan

10/93

Directorate of Safety, Health and Environment, APG

View facing southwest

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