Survey No. HA-1848
Building 5011
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): Incinerator
- Known Design Source: Construction Division, Office of the Quartermaster General

Survey No. HA-1848

MARYLAND INVENTORY OF HISTORIC PROPERTIES

Maryland Historical Trust
State Historic Sites Inventory Form

Magi No.

DOE __yes __no

1. Name (indicate preferred name)

historic Building 5011 (Preferred)

and/or common Incinerator

2. Location

street & number Off Boothby Hill Road, Aberdeen Proving Ground __NA not for publication

city, town Aberdeen __X vicinity of congressional district 2

state Maryland county Harford

3. Classification

Category	Ownership	Status	Present Use	
___ district	X public	___ occupied	___ agriculture	___ museum
X building(s)	___ private	X unoccupied	___ commercial	___ park
___ structure	___ both	___ work in progress	___ educational	___ private residence
___ site	**Public Acquisition**	**Accessible**	___ entertainment	___ religious
___ object	___ in process	___ yes: restricted	___ government	___ scientific
	___ being considered	X yes: unrestricted	___ industrial	___ transportation
	X not applicable	___ no	X military	___ 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) 278-7688

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 X federal ___ state ___ county ___ local

depository for survey records Library of Congress, Prints and Photographs Division

city, town Washington state D.C.

7. Description

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Condition		Check one	Check one
___ excellent	X deteriorated	X unaltered	X original site
___ good	___ ruins	___ altered	___ moved date of move _____
___ fair	___ unexposed		

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

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Period	Areas of Significance—Check and justify below			
___ prehistoric	___ archeology-prehistoric	___ community planning	___ landscape architecture	___ religion
___ 1400–1499	___ archeology-historic	___ conservation	___ law	___ science
___ 1500–1599	___ agriculture	___ economics	___ literature	___ sculpture
___ 1600–1699	___ architecture	___ education	X military	___ social/ humanitarian
___ 1700–1799	___ art	___ engineering	___ music	___ theater
___ 1800–1899	___ commerce	___ exploration/settlement	___ philosophy	___ transportation
X 1900–	___ communications	___ industry	___ politics/government	___ other (specify)
		___ invention		

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

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

Level of Significance: ___ national ___ state X 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

Acreage of nominated property >.5 acre

Quadrangle name Perryman

Quadrangle scale 1:24000

UTM **References** do NOT complete UTM references

	Zone	Easting	Northing		Zone	Easting	Northing
A				B			
C				D			
E				F			
G				H			

Verbal boundary description and justification

(See Continuation Sheet)

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

state	code	county	code
Maryland		Harford	

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** Maryland

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

PS-2746

Survey No. HA-1848
Building 5011
Aberdeen Proving Ground
Harford County, Maryland

7. DESCRIPTION

Building 5011 is a detached incinerator. It is one of a pair of nearly identical incinerators located south of Boothby Hill Avenue in the Aberdeen Area of Aberdeen Proving Ground. The incinerator was constructed from plans drawn by the Construction Division of the Office of the Quartermaster General. The two incinerators are separated by an earthen ramp, which aided the unloading of garbage.

Building 5011 is one story with a full basement. The basement walls are constructed of exposed, poured reinforced concrete. The first floor employs a steel-frame structural system with metal framing and corrugated metal siding. The building has a low pitched, corrugated metal gable roof supported by half-trussed rafters. The roof is topped with a large, centrally located metal ventilator. A detached brick chimney approximately 40 ft in height is located west of the main structure. The building has six-over-six-light, metal-frame awning windows. A raised concrete loading platform extends along the north elevation of the structure. Building 5011 currently is vacant. Access into the building was not allowed.

Historically, garbage was unloaded onto the raised platform from trucks parked on the earthen ramp. Refuse then was moved to the enclosed first floor, known as the charging room. The refuse was shoveled into the incinerator through a hole in the floor. The incinerator compartments were oil-fueled, brick-lined combustion chambers located in the basement. Waste was fired and finished using oil; the material was allowed to burn naturally when possible. Smoke stack temperatures were maintained above 225° C during burning (U.S. Army Environmental Hygiene Agency 1989:815). Ash was removed from the incinerator from the basement level through a large sliding metal door located on the rear elevation. The basement is connected to the first floor by an interior concrete stairway.

Later additions included a corrugated metal shed roof attached to the main building, which covered the raised concrete unloading platform on the north elevation. Part of the shed-roofed area was enclosed with corrugated metal siding to create an office. Access to the enclosed office gained through a front-facing wooden door and steps. This room located at the west end of the loading platform, abutting the chimney. The date of the construction of this temporary addition is undocumented.

CONTRIBUTING RESOURCE COUNT: 1

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Building 5011
Aberdeen Proving Ground
Harford County, Maryland

8. SIGNIFICANCE

Summary

Building 5011 functioned as a minor support structure to support World War II training activities at the Ordnance School. The building is a simply-styled utilitarian structure that does not possess high artistic value or reflect the work of a master. Although this structure retains its original functional design, research does not indicate that this design reflects unique or innovative technologies in sanitation engineering (Criterion C). In addition, this building does not illustrate the primary education mission of the Ordnance School (Criterion A) and is not associated with any important personage (Criterion B). Therefore, Building 5011 does not possess those qualities of significance necessary for listing in the National Register of Historic Places.

History

Building 5011, built in 1941 as an incinerator, was constructed as part of the World War II expansion of the Ordnance School training facilities at Aberdeen Proving Ground. As part of the pre-war mobilization efforts, the War Department ordered that the construction of the Ordnance School be accelerated and that its program be expanded. Between December 1940 and June 1941, three permanent school buildings planned during the 1930s were completed and comprised the core of the Ordnance School. Other permanent buildings constructed during this time included applied educational buildings, maintenance shops, heating plants, and incinerators. A major component of the World War II expansion of the school included the establishment of four temporary mobilization cantonments, constructed on agricultural land acquired west of the original installation. This temporary cantonment, referred to as Camp Rodman, contained barracks, mess halls, day rooms, and administration buildings. By 1943, the Ordnance School comprised over 300 temporary buildings, extending westward along Aberdeen Road (National Archives, RG 156, Entry 646, Box 638, Aberdeen Ordnance School).

Building 5011 served as a minor support structure to Camp Rodman. During much of the time that the incinerator was in service, the facility was used to burn general sanitary wastes produced at Camp Rodman. This utilitarian structure is situated south of Boothby Hill Avenue, south of the Quartermaster support and the permanent Ordnance School buildings. The Quartermaster support area is comprised of wood-frame temporary World War II mobilization warehouses.

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
1993a *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, Aberdeen Area.* Aberdeen Proving Ground, Maryland.

ARCHIVAL SOURCES

<u>Aberdeen Proving Ground</u>

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

<u>Library of Congress</u>

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

<u>National Archives</u>

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.

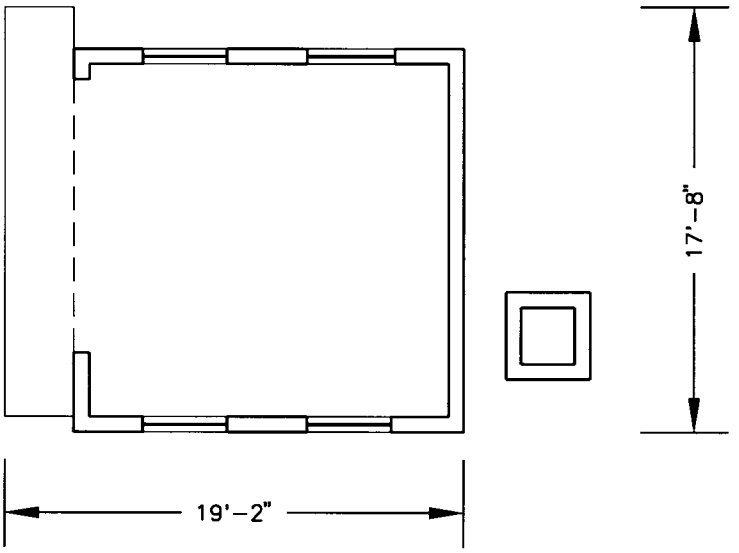
Section 9.2

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

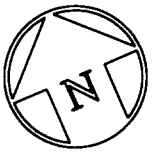
Records of the Chief of Ordnance. RG 156, Ordnance Proving Grounds, 1940-1945 (Entry 646A).

10. GEOGRAPHICAL DATA

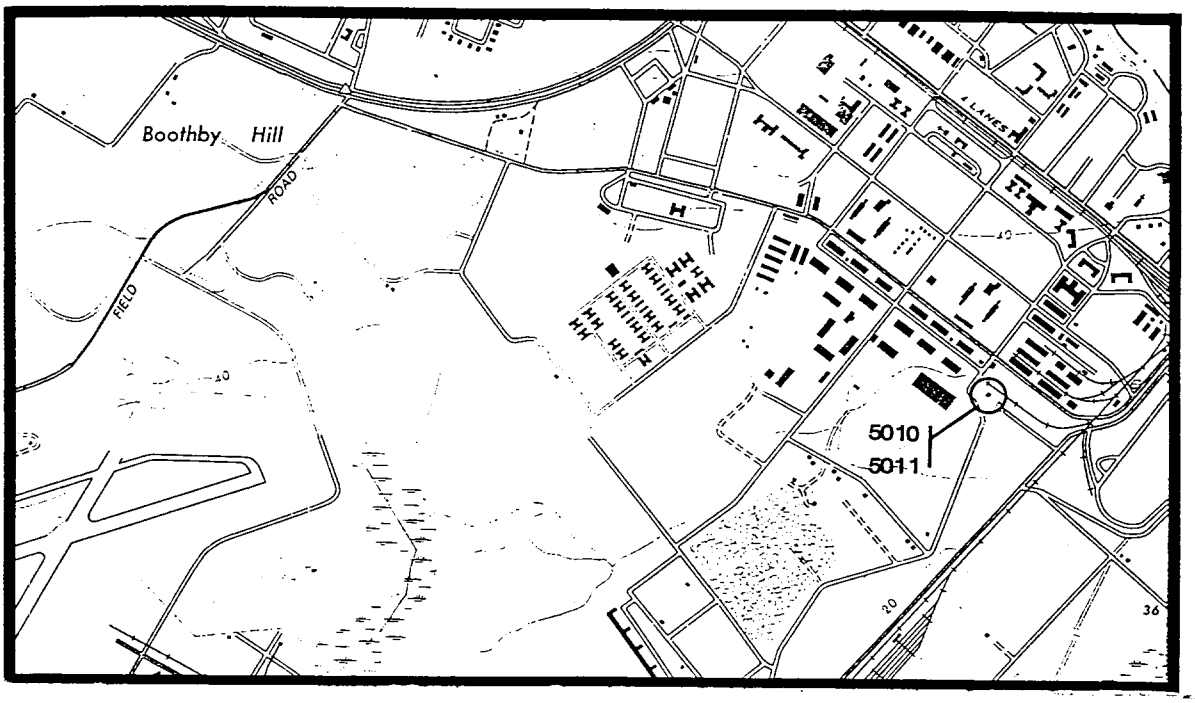
Building 5011 is located south of Boothby Hill Avenue in the Aberdeen Area of Aberdeen Proving Ground. The boundaries of the property are the footprint of the building and is the original placement of the structure when it was constructed in 1941.



HA-1848
Building 5011
Aberdeen Area,
Aberdeen Proving Ground
Harford County
Plan from 1941
Gus Fohey
First Floor



SCALE: 1/8"=1'-0"



HA-1848
Building 5011
Aberdeen Area, Aberdeen Proving Ground
Harford County
Perryman Quadrangle

HA-1848
Building 5011
Aberdeen Proving Ground
Harford County, Maryland
Reed Macmillan
10/93
Directorate of Safety, Health and Environment, APG
View facing South
1 of 2

HA-1848
Building 5011
Aberdeen Proving Ground
Harford County, Maryland
Reed Macmillan
10/93
Directorate of Safety, Health and Environment, APG
View facing EAST
2 of 2