

MARYLAND HISTORICAL TRUST  
NR-ELIGIBILITY REVIEW FORM

NR Eligible: yes    
no

Property Name: Building E-5032 Inventory Number: HA-2034

Address: \_\_\_\_\_ City: Aberdeen Proving Gr Zip Code: \_\_\_\_\_

County: Harford USGS Topographic Map: EDGEWOOD

Owner: \_\_\_\_\_

Tax Parcel Number: \_\_\_\_\_ Tax Map Number: \_\_\_\_\_ Tax Account ID Number: \_\_\_\_\_

Project: \_\_\_\_\_ Agency: \_\_\_\_\_

Site visit by MHT staff:  no  yes Name: \_\_\_\_\_ Date: \_\_\_\_\_

Eligibility recommended  Eligibility not recommended

Criteria:  A  B  C  D Considerations:  A  B  C  D  E  F  G  None

Is the property located within a historic district?  no  yes Name of District: \_\_\_\_\_

Is district listed?  no  yes Determined eligible?  no  yes District Inventory Number: \_\_\_\_\_

Documentation on the property/district is presented in:

Description of Property and Eligibility Determination: *(Use continuation sheet if necessary and attach map and photo)*

Built in 1918, this building is historically significant as a contributing element in a complex of buildings constructed to produce chemical weapons during World War I. Though none of the buildings retain the original machinery used in chemical production, they retain significance for historic association with the one, large-scale use of deadly poisonous weapons in modern warfare.

Prepared by: Kenneth P. Stachiw, DOD/Army

Date Prepared: 06/14/1985

**MARYLAND HISTORICAL TRUST REVIEW**

Eligibility recommended  Eligibility not recommended

Criteria  A  B  C  D Considerations  A  B  C  D  E  F  G  None

MHT Comments:

Reviewer, Office of Preservation Services

Date

Patrick W. Andrews

August 07, 1985

Reviewer, NR Program

Date

RECEIVED ST/PC - MD

HA-2034

AUG 15 1985

E.O. 11593

DETERMINATION OF ELIGIBILITY NOTIFICATION MARYLAND HISTORICAL TRUST  
National Register of Historic Places  
National Park Service

Name of property: Building E-5032 (White Phosphorus Processing Plant)

Location: Aberdeen Proving Grounds, Hartford County State: MD

Request submitted by: DOD/ARMY Kenneth P. Stachiw

Date received: 6/14/85 Additional information received: 8/2/85

Opinion of the State Historic Preservation Officer:

Eligible  Not Eligible  No Response

Comments:

The Secretary of the Interior has determined that this property is:

Eligible Applicable criteria: A  Not Eligible

Comments:

Built in 1918, this building is historically significant as a contributing element in a complex of buildings constructed to produce chemical weapons during World War I. Though none of the buildings retain the original machinery used in chemical production, they retain significance for historic association with the one, large-scale use of deadly poisonous weapons in modern warfare.

Documentation insufficient  
(Please see accompanying sheet explaining additional materials required)

*Patrick W. Andrus*  
Keeper of the National Register  
Date: 8/7/85

# HABS/HAER INVENTORY

U.S. Department of the Interior  
National Park Service  
Washington, DC 20240

1. SITE ID NO											
2. NAME(S) OF STRUCTURE Building #E5032 White Phosphorus Processing Plant		5. ORIGINAL USE White Phosphorus Processing Plant		7. CLASSIFICATION Military - Production		8. RATING 2					
						9. DATE 1918					
3. SITE ADDRESS (STREET & NO) Aberdeen Proving Ground Edgewood Area Edgewood, Maryland		6. PRESENT USE White Phosphorus Processing Plant		8. UTM ZONE		EASTING		NORTHING		11. REGION Mid-Atlant.	
4. CITY/VICINITY		COUNTY		STATE		SCALE		OTHER		QUAD NAME	
EDGEWOOD		HARFORD		MD.		1:24		1:62.5			
12. OWNER/ADMIN ADDRESS United States Department of the Army Administrator DARCOM/TECOM											

13. DESCRIPTION AND BACKGROUND HISTORY INCLUDING CONSTRUCTION DATE(S), PHYSICAL DIMENSIONS, MATERIALS, MAJOR ALTERATIONS, EXISTANT EQUIPMENT, AND IMPORTANT BUILDERS, ARCHITECTS, ENGINEERS, ETC.

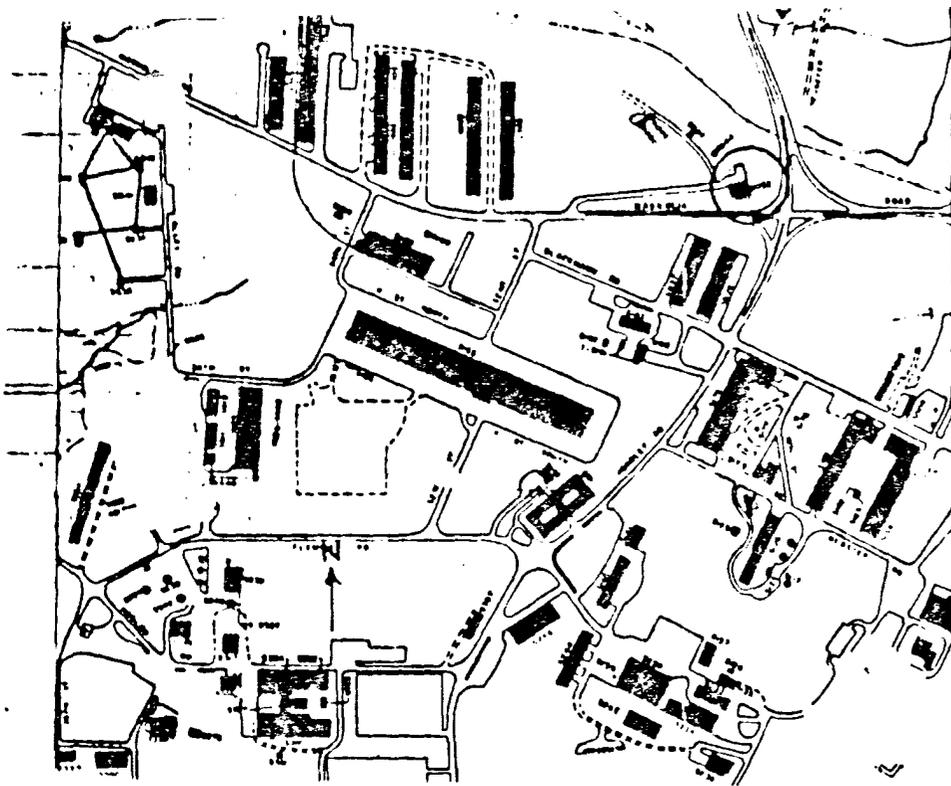
Concrete foundation; steel frame, corrugated metal walls, some brick. Rectangular, 54'-6" x 76'-2" with offset, 12'-3" x 49'-6". One story. Corrugated metal gable monitor roof. One set of double wood side hinged doors, double wood and glass panel doors; band of wood framed two-over-two-light double hung sash windows. Metal shafts at end of building. Roof ridge runs northeast by southwest, located off Magnolia Road. Altered 1943 and 1944, Chemical Warfare Service, architects.

14. CONDITION	<input type="checkbox"/> EXCELLENT	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> FAIR	<input type="checkbox"/> DETERIORATED	<input type="checkbox"/> RUINS	15. DANGER OF DEMOLITION? (SPECIFY THREAT)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> UNKNOWN
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16. SIGNIFICANCE

Originally built in 1918, these buildings represent the response of the United States to the use of chemical weapons during World War I. These structures are the remainders of the largest chemical manufacturing complex built in the United States and are critical to the understanding of the role of chemical warfare in U.S. military history. However, little, if any, original machinery exists in place. This building housed the production of white phosphorous used in filling hand grenades.

HA-2034



PHOTOGRAPH NOT PERMITTED

18 LOCATED IN AN HISTORIC DISTRICT?  YES  NO  NAME

19 PUBLIC ACCESSIBILITY  YES, LIMITED  YES, UNLIMITED  NO  UNKNOWN

20 EXISTING SURVEYS  NR  NHL  HABS  HAER-1  HAER  NPS  STATE  COUNTY  LOCAL  OTHER

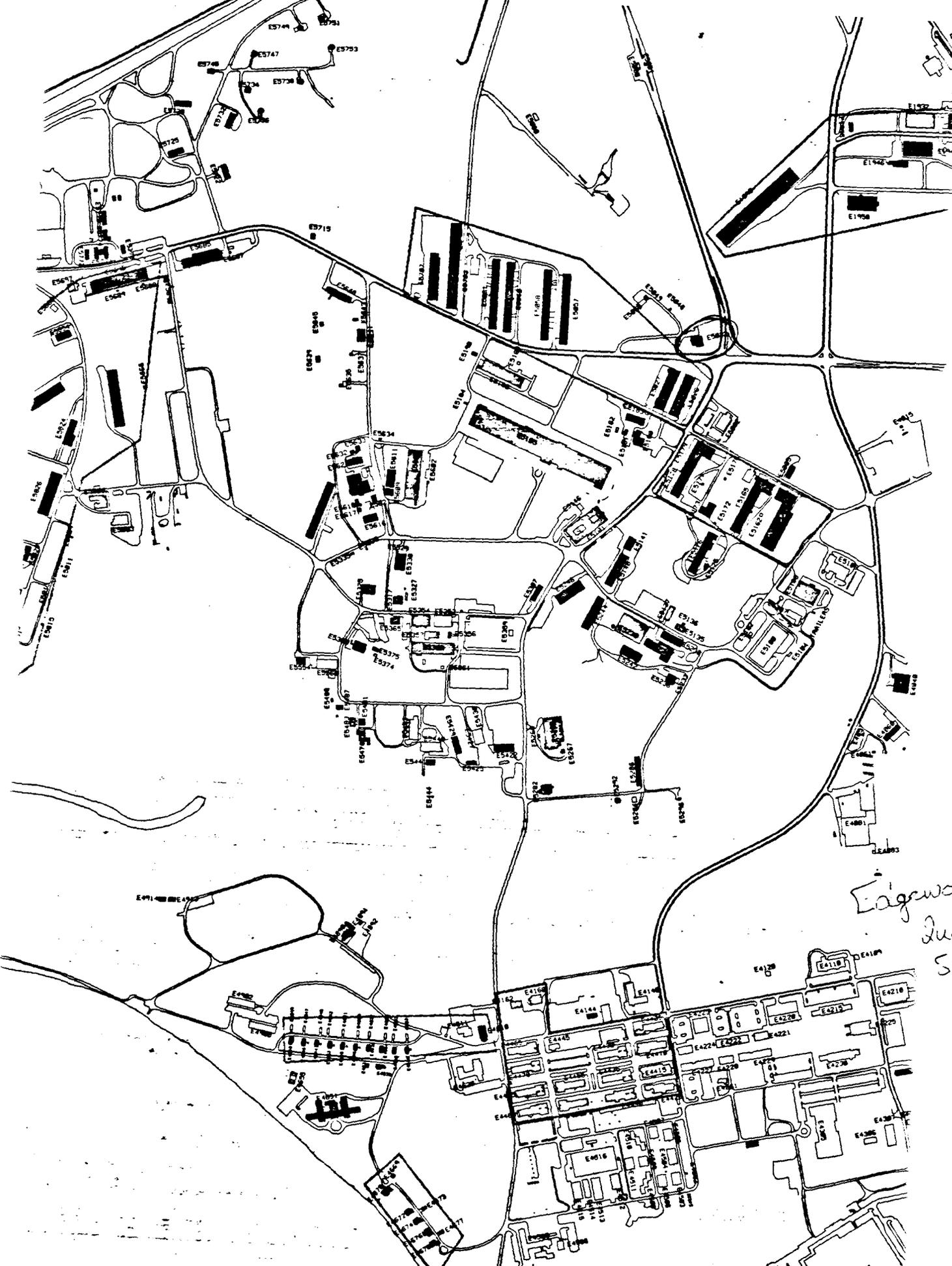
21 REFERENCES—HISTORICAL REFERENCES, PERSONAL CONTACTS, AND/OR OTHER

APG Real Property Records, Real Estate Offices, APG  
 Architectural Drawing: MR #25150, drawing #6297-3504B, dated 16 August 1943

22 INVENTORIED BY Katherine Grandine

AFFILIATION Historic American Buildings Survey

DATE August 1982



Edgewood  
Quad  
SE



HA- 2034  
Building E-5032  
White Phosphorus Processing Plant  
Aberdeen Proving Grounds  
Harford County  
Edgewood Quad

