

**MARYLAND HISTORICAL TRUST  
DETERMINATION OF ELIGIBILITY FORM**

NR Eligible: yes   
no

Property Name: Greenhouse (Building 32) Inventory Number: M: 35-9-16  
 Address: 9000 Rockville Pike City: Bethesda Zip Code: 20892  
 County: Montgomery USGS Topographic Map: Washington West Quadrangle DC-MD-VA  
 Owner: United States of America (National Institutes of Health) Is the property being evaluated a district?  yes  
 Tax Parcel Number: \_\_\_\_\_ Tax Map Number: \_\_\_\_\_ Tax Account ID Number: \_\_\_\_\_  
 Project: NHPA Section 110 compliance Agency: US Dept. HHS/National Institutes of Health  
 Site visit by MHT Staff:  no  yes Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Is the property located within a historic district?  yes  no

*If the property is within a district* District Inventory Number: \_\_\_\_\_  
 NR-listed district  yes Eligible district  yes District Name: \_\_\_\_\_  
 Preparer's Recommendation: Contributing resource  yes  no Non-contributing but eligible in another context

*If the property is not within a district (or the property is a district)*  
 Preparer's Recommendation: Eligible  yes  no

Criteria:  A  B  C  D Considerations:  A  B  C  D  E  F  G  None  
 Documentation on the property/district is presented in: Maryland Historical Trust, MIHP Form M: 35-9-16

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

The Greenhouse (also known as Building 32) located on the Bethesda campus of the National Institutes of Health (NIH) originated to support the National Institute for Mental Health. Over the years it has been subject to significant alteration, including a quadrupling of floor area, and demolition of the characteristic greenhouse wing in the early 1990s. With only one original brick exterior wall still visible, and lacking the original greenhouse, the building is unremarkable and undistinguished. Lacking integrity, the Greenhouse, also known of as Building 32, is determined not to be eligible for listing in the National Register of Historic Places (see: <http://www.nps.gov/nr/publications/bulletins/pdfs/nrb15.pdf>).

Prepared by: *Philip W. Neuberg* Date Prepared: *8/13/2014*  
Philip W. Neuberg, AIA, NIH FHPO

|   |  |
|---|--|
| <b>MARYLAND HISTORICAL TRUST REVIEW</b>   |  |
| Eligibility recommended <input type="checkbox"/>  | Eligibility not recommended <input checked="" type="checkbox"/>  |
| Criteria: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D | Considerations: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> None |
| Comments: _____   |  |
| <u><i>Jonathan Sages</i></u>  | <u><i>10/1/14</i></u>  |
| Reviewer, Office of Preservation Services   | Date   |
| <u><i>NA</i></u>  |  |
| Reviewer, NR Program  | Date   |

201404523

**Greenhouse**  
**National Institutes of Health Bethesda Campus, Bethesda, MD**  
**Montgomery County**  
**Approximate date of construction: 1959**  
**Public access, with restrictions.**

MIHP Inventory No. M: 35-9-16

The Greenhouse at the National Institutes of Health Bethesda Campus was constructed in 1959 to serve as a research greenhouse for the National Institute of Mental Health. The one-story building was originally T-shaped in plan, housing laboratories and offices in the north flat-roofed masonry portion and a gable-roofed glass greenhouse wing to the south. Subsequent renovations removed the greenhouse, extensively renovated the adjoining laboratory space, and quadrupled the floor area. The north exterior wall is the only part of the original exterior still visible. All exterior walls are clad in red clay brick veneer, with limestone employed for sills and coping.

With only one original brick exterior wall still visible, and lacking the original greenhouse, the building is unremarkable and undistinguished. Lacking many aspects of integrity, the Greenhouse, also known of as Building 32, is determined not to be eligible for listing in the National Register of Historic Places.

# Maryland Historical Trust Maryland Inventory of Historic Properties Form

Inventory No. M:35-9-16

## 1. Name of Property (indicate preferred name)

historic Greenhouse

other NIH Building 32

## 2. Location

street and number 9000 Rockville Pike \_\_ not for publication

city, town Bethesda \_\_ vicinity

county Montgomery County

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

name United States of America (National Institutes of Health)

street and number 9000 Rockville Pike telephone 301-443-7154

city, town Bethesda state MD zip code 20892

## 4. Location of Legal Description

courthouse, registry of deeds, etc. Montgomery County Courthouse liber folio

city, town Rockville tax map tax parcel tax ID number

## 5. Primary Location of Additional Data

- Contributing Resource in National Register District  
 Contributing Resource in Local Historic District  
 Determined Eligible for the National Register/Maryland Register  
 Determined Ineligible for the National Register/Maryland Register  
 Recorded by HABS/HAER  
 Historic Structure Report or Research Report at MHT  
 Other: \_\_\_\_\_

## 6. Classification

| Category  | Ownership                                  | Current Function                               | Resource Count                              |  |
|---|--|--|---|--|
| <input type="checkbox"/> district               | <input checked="" type="checkbox"/> public | <input type="checkbox"/> agriculture           | <input type="checkbox"/> landscape          | Contributing   |
| <input checked="" type="checkbox"/> building(s) | <input type="checkbox"/> private           | <input type="checkbox"/> commerce/trade        | <input type="checkbox"/> recreation/culture | Noncontributing  |
| <input type="checkbox"/> structure              | <input type="checkbox"/> both              | <input type="checkbox"/> defense               | <input type="checkbox"/> religion           | _____ buildings  |
| <input type="checkbox"/> site                   |  | <input type="checkbox"/> domestic              | <input type="checkbox"/> social             | _____ sites  |
| <input type="checkbox"/> object                 |  | <input type="checkbox"/> education             | <input type="checkbox"/> transportation     | _____ structures   |
|   |  | <input type="checkbox"/> funerary              | <input type="checkbox"/> work in progress   | _____ objects  |
|   |  | <input checked="" type="checkbox"/> government | <input type="checkbox"/> unknown            | _____ Total  |
|   |  | <input type="checkbox"/> health care           | <input type="checkbox"/> vacant/not in use  |  |
|   |  | <input type="checkbox"/> industry              | <input type="checkbox"/> other:             | <b>Number of Contributing Resources<br/>previously listed in the Inventory</b> |
|   |  |  |   | _____  |

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## 7. Description

Inventory No. M: 35-9-16

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### Condition

excellent       deteriorated  
 good             ruins  
 fair               altered

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

Building 32 was constructed in 1959 to serve as a research greenhouse for the National Institute of Mental Health. It housed laboratories and offices in the north portion and a greenhouse wing to the south. Subsequent renovations removed the greenhouse, extensively renovated the adjoining laboratory space, and quadrupled the floor area.

The original floor plan was a T-shape, with a 92' by 32' rectangular floor plan masonry building oriented east-west. Centered on the south (rear) was a 16' x 32' potting area and a gabled-roofed glass greenhouse wing approximately 28' by 52' in dimension. This glass greenhouse was later demolished and replaced by a flat-roofed masonry wing on the old footprint. Other additions were constructed to the east and west, causing the loss of the T-shape. The main entry is in the center on the north elevation, covered by a flat canopy, and originally flanked symmetrically by three windows on each side. This north exterior wall is the only part of the original exterior still visible. The symmetry of this north elevation has been obscured by the addition to the west and by replacement of the west window with a service door.

Building 32 is single story on a slab-on-grade foundation. The walls are red range brick veneer over concrete masonry unit (CMU) backup. Limestone was employed for sills and coping. Windows are fixed aluminum sash with insulating glazing. Exterior doors are typically fiberglass reinforced plastic (FRP). The flat roof has a built-up tar and gravel cover. Interior partitions are generally CMU finished with paint. Flooring finish includes carpet and resilient tile. Bathroom finishes include ceramic tile floors and walls, and painted gypsum board ceilings.

*See attached photographs and photograph list.*

## 8. Significance

Inventory No. M: 35-9-16

| Period  | Areas of Significance                       | Check and justify below                               |   |  |
|---|---|---|---|--|
| <input type="checkbox"/> 1600-1699            | <input type="checkbox"/> agriculture        | <input type="checkbox"/> economics                    | <input type="checkbox"/> health/medicine        | <input type="checkbox"/> performing arts     |
| <input type="checkbox"/> 1700-1799            | <input type="checkbox"/> archeology         | <input type="checkbox"/> education                    | <input type="checkbox"/> industry               | <input type="checkbox"/> philosophy          |
| <input type="checkbox"/> 1800-1899            | <input type="checkbox"/> architecture       | <input type="checkbox"/> engineering                  | <input type="checkbox"/> invention              | <input type="checkbox"/> politics/government |
| <input checked="" type="checkbox"/> 1900-1999 | <input type="checkbox"/> art                | <input type="checkbox"/> entertainment/<br>recreation | <input type="checkbox"/> landscape architecture | <input type="checkbox"/> religion            |
| <input type="checkbox"/> 2000-                | <input type="checkbox"/> commerce           | <input type="checkbox"/> ethnic heritage              | <input type="checkbox"/> law                    | <input checked="" type="checkbox"/> science  |
|   | <input type="checkbox"/> communications     | <input type="checkbox"/> exploration/<br>settlement   | <input type="checkbox"/> literature             | <input type="checkbox"/> social history      |
|   | <input type="checkbox"/> community planning |   | <input type="checkbox"/> maritime history       | <input type="checkbox"/> transportation      |
|   | <input type="checkbox"/> conservation       |   | <input type="checkbox"/> military               | <input type="checkbox"/> other: _____        |

Specific dates

Architect/Builder Ronald S. Senseman (architect)

Construction dates 1959

Evaluation for:

National Register

Maryland Register

not evaluated

Prepare a one-paragraph summary statement of significance addressing applicable criteria, followed by a narrative discussion of the history of the resource and its context. (For compliance projects, complete evaluation on a DOE Form – see manual.)

### Summary Statement of Significance

#### INTEGRITY:

The National Register defines seven aspects of integrity that have been considered in analyzing whether the Greenhouse (Building 32) conveys its historical significance or qualities that, in various combinations, define integrity. The retention of specific aspects of integrity is paramount for a property to convey its significance. Building 32 has the potential to meet few of the aspects of integrity, as discussed below:

#### Location

Location is the place where the historic property was constructed or the place where the historic event occurred. The Greenhouse is in its original location..

#### Design

Design is the combination of elements that create the form, plan, space, structure, and style of a property. The architect's original exterior design and as well as the original T-shaped form of the building are no longer evident. The demolition of the glass greenhouse shed and construction of adjoining additions have been highly detrimental to the integrity of the original design for a research greenhouse.

#### Setting

Setting is the physical environment of a historic property. The original setting has changed over 50 years with eastern additions to the Building 14 animal facilities to the north, the construction of Building 40 and the prominent tower of the Lister Hill Center to the south. Upon construction, the Greenhouse was set apart from other buildings at the southern edge of the built campus. Even ignoring the many additions to the building itself, this setting has been greatly compromised.

#### Materials

Materials are the physical elements that were combined or deposited during a particular period of time and in a particular pattern or configuration to form a historic property. Primary character defining original exterior materials of red brick running bond walls and limestone accents all remain in the original north elevation. The additions attempted to match the red brick but the mortar appearance and the windows are different. Overall, integrity of the materials has been moderately compromised.

# Maryland Historical Trust

## Maryland Inventory of Historic Properties Form

Inventory No. M: 35-9-16

Name  
**Continuation Sheet**

Number 8 Page 1

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### **Workmanship**

Workmanship is the physical evidence of the crafts of a particular culture or people during any given period in history or prehistory. The workmanship is typical of the period in NIH's history, and the workmanship of the additions reflects some advancement in construction techniques.

### **Feeling**

Feeling is a property's expression of the aesthetic or historic sense of a particular period of time.

The feeling evoked by a separate, dedicated research greenhouse on the south edge of campus—with undeveloped land to the south—is no longer present due to the demolition of the glass greenhouse shed and encroachment of new buildings nearby.

### **Association**

Association is the direct link between an important historic event or person and a historic property.

This facility is still associated with biomedical research, but it has not served as a greenhouse for over 20 years. Its association with provision of fresh plant materials for research use has been lost.

The Greenhouse, also known as Building 32, lacks integrity of design, setting, feeling, and association. For this reason, it is determined to not be eligible for listing in the National Register of Historic Places.

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## 9. Major Bibliographical References

Inventory No. M: 35-9-16

Facility Condition Reassessment Final Report: National Institutes of Health Bethesda Campus Building 34, dated April 2011. VFA, Inc. On file with the Division of Facilities Stewardship, Office of Research Facilities, NIH.

NIH Record, Vol. XI, No. 5. "Three Units Supporting Medical Research Move Into New Quarters." March 2, 1959.

RESEARCH GREENHOUSE dated 5/26/1958, original design furnished to NIH through the Department of Health Education and Welfare, Research Facilities Planning Branch, with Ronald S. Senseman as architect/engineer. Original blueprints on file in the NIH, Office of Research Facilities Plan Room.

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## 10. Geographical Data

Acreage of surveyed property \_\_\_\_\_

Acreage of historical setting \_\_\_\_\_

Quadrangle name Washington West, DC-MD-VA Quadrangle scale: 1:24,000 (7.5-minute)

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### Verbal boundary description and justification

Building 32 is located at the National Institutes of Health Bethesda Campus (NIHBC). For USGS coordinates please see the attached USGS map section.

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## 11. Form Prepared by

|                 |   |           |              |
|-----------------|---|-----------|--------------|
| name/title      | Phillip W. Neuberg, AIA / NIH Federal Historic Preservation Officer |           |              |
| organization    | National Institutes of Health, Office of Research Facilities        | date      | August 2014  |
| street & number | Division of Facilities Planning, Building 13, Room 1325             | telephone | 301-443-7154 |
| city or town    | Bethesda  | state     | MD           |

The Maryland Inventory of Historic Properties 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  
Maryland Department of Planning  
100 Community Place  
Crownsville, MD 21032-2023  
410-514-7600

# Maryland Historical Trust Maryland Inventory of Historic Properties Form

Inventory No. M: 35-9-16

Name  
**Supplemental Historical Photos and Drawings**

Page 1



- A The remaining portion of the original building.  
B Later additions. \*Site of original glass greenhouse wing, demolished in the 1990s.

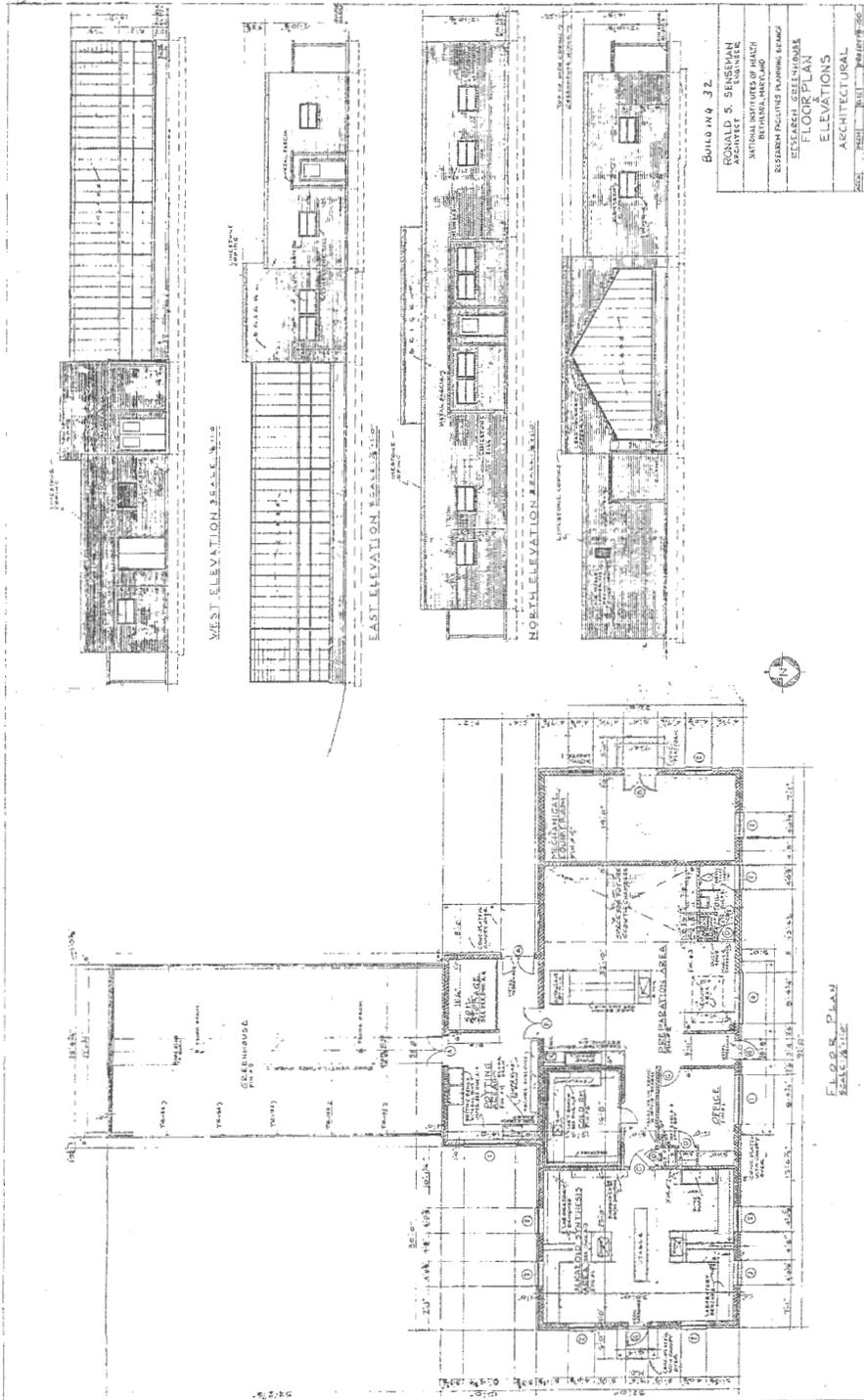
Aerial Photograph of Building 32 at the National Institutes of Health Bethesda Campus, circa 2014, indicating remaining portion of original building and extensive later additions.

# Maryland Historical Trust Maryland Inventory of Historic Properties Form

Inventory No. M: 35-9-16

Name  
Supplemental Historical Photos and Drawings

Page 2



Research Greenhouse Floor Plan & Elevation.

Source: RESEARCH GREENHOUSE dated 5/26/1958, original design furnished to NIH through the Department of Health Education and Welfare, Research Facilities Planning Branch, with Ronald S. Senseman as architect/engineer. Original blueprints on file in the NIH, Office of Research Facilities Plan Room.

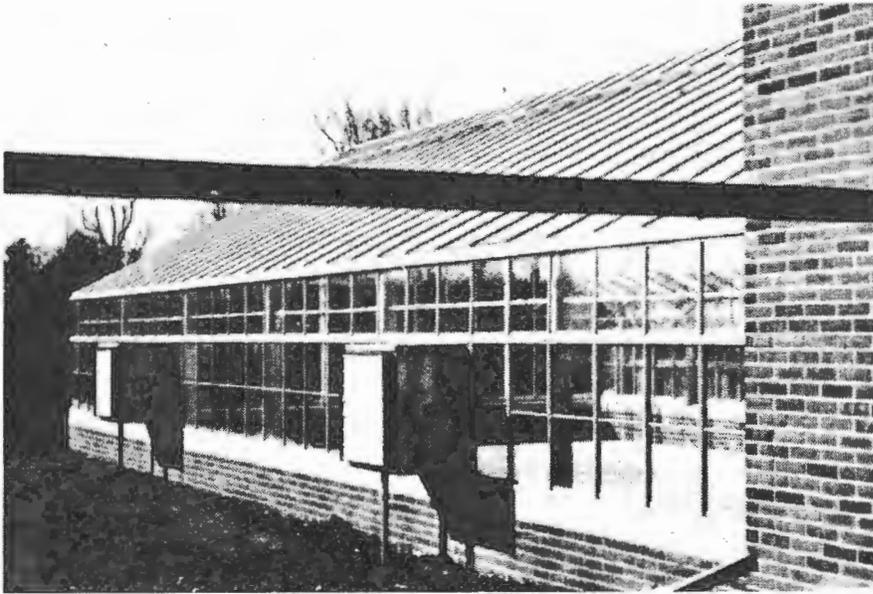
# Maryland Historical Trust Maryland Inventory of Historic Properties Form

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Name  
**Supplemental Historical Photos and Drawings**

Page 3

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Greenhouse, seen through the window of the adjoining laboratory, c. 1959.

Source: NIH Record, Vol. XI, No. 5. "Three Units Supporting Medical Research Move Into New Quarters." March 2, 1959.

MIHP Inventory No. M: 35-9-16  
 Greenhouse (Building 32)  
 Bethesda, MD  
 Montgomery County  
 Washington West Quadrangle, DC-MD-VA 2011 (38.996, -77.101)



U.S. DEPARTMENT OF THE INTERIOR  
 U. S. GEOLOGICAL SURVEY



Produced by the United States Geological Survey  
 North American Datum of 1983 (NAD83)  
 World Geodetic System of 1984 (WGS84). Projection and  
 1 000-meter grid: Universal Transverse Mercator, Zone 18S  
 10 000-foot ticks: Maryland Coordinate System of 1983,  
 Virginia Coordinate System of 1983 (north zone)

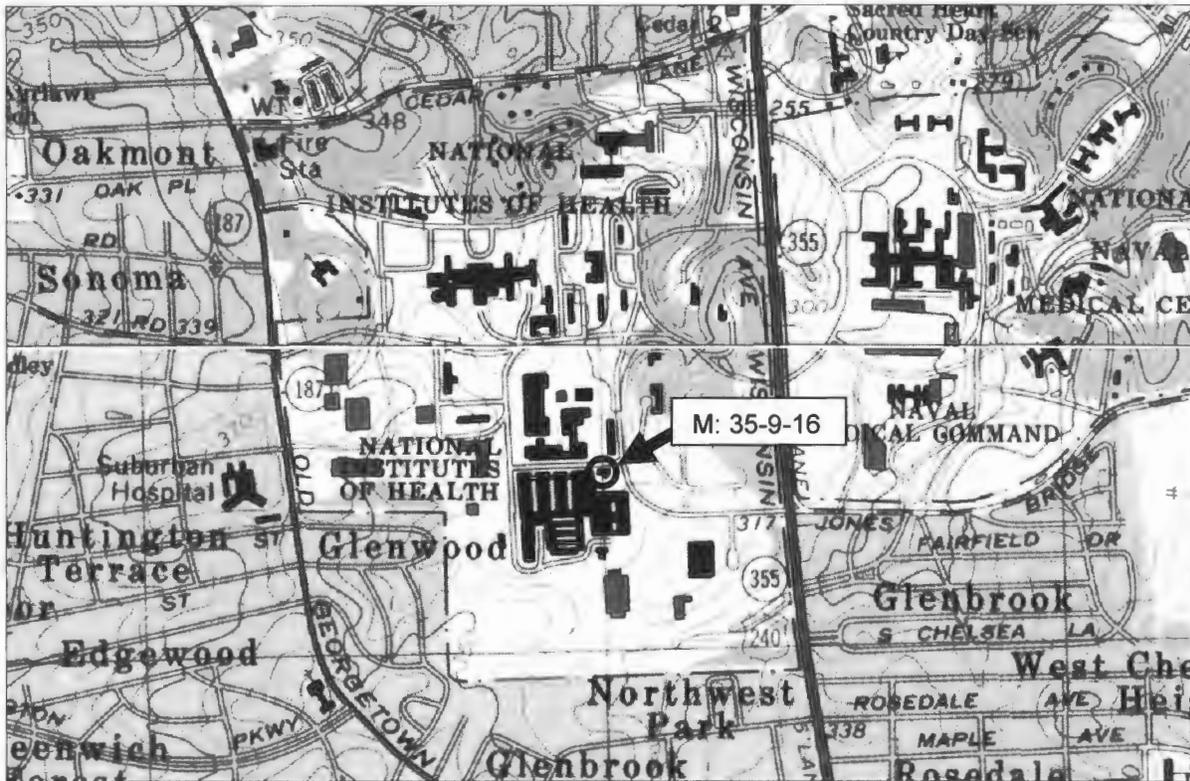
Imagery.....NAIP, June 2009  
 Roads.....©2006-2010 Tele Atlas  
 Names.....GNIS, 2010  
 Hydrography.....National Hydrography Dataset, 2009  
 Contours.....National Elevation Dataset, 2008  
 Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2010



UTM GRID AND 2011 MAGNETIC NORTH  
 DECLINATION AT CENTER OF SHEET

|                       |
|-----------------------|
| U.S. National Grid    |
| 100,000-m Square ID   |
| UJ                    |
| Grid Zone Designation |
| 18S                   |

M: 35-9-16  
Greenhouse (NIH Building 32)  
Washington West quadrangle 1965, Photorevised 1983, Bathymetry added 1982



National Web Map Service 6" Orthophoto Map, c. 2011-13



JKC 3/16/2015

Photo Log  
Greenhouse (Building 32)  
Montgomery County, MD

MIHP Inventory No. M: 35-9-16

| Number | Description                                      | Photographer      | Photo Date | Filename                     |
|--------|--|-------------------|------------|------------------------------|
| 1      | Oblique view of northwest corner.                | David A. Derenick | 6/27/2014  | M; 35-9-16_2014-06-27_01.tif |
| 2      | West elevation.                                  | David A. Derenick | 6/27/2014  | M; 35-9-16_2014-06-27_02.tif |
| 3      | Oblique view of southwest corner.                | David A. Derenick | 4/25/2013  | M; 35-9-16_2013-04-25_01.tif |
| 4      | Rear (south) side with Building 32T to the east. | David A. Derenick | 4/25/2013  | M; 35-9-16_2013-04-25_02.tif |



M: 35-9-16

# 1 of 4

GREENHOUSE (BUILDING 32)

MONTGOMERY COUNTY, MD

PHOTOGRAPHER: DAVID A. DERENICK

6/27/2014

5954759. N 35-9-16\_2814-06-27\_81\_033

FILE AT MD SHPO

" OBLIQUE VIEW OF NORTHWEST CORNER."

(ILFORD) - (Froese True 882). 07-11-14



M: 35-9-16

# 2 of 4

GREENHOUSE (BUILDING 32)

MONTGOMERY COUNTY, MD

PHOTOGRAPHER: DAVID A. DERENICK

6/27/2014

ES04789, 01 03 0 11/2014 06 27\_02\_004

FILE AT MD SHPD

"WEST ELEVATION."

(ILFORD), 47/100A TRIP 004, 07/11/14



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#3 of 4

GREENHOUSE (BUILDING 32)

MONTGOMERY COUNTY, MD

PHOTOGRAPHER: DAVID A. DERENICK

4/25/2013

5954769. 35-9-16-2813-04-25-01-001

FILE AT MD SHPO

"OBLIQUE VIEW OF SOUTHWEST CORNER."

<ILFORD>, (Fisheye True BW) 07/11/14



321

M: 35-9-16

# 4 of 4

GREENHOUSE (BUILDING 32)

MONTGOMERY COUNTY, MD

PHOTOGRAPHER: DAVID A. DERENICK

5954769, M 35-9-16, 2013-04-25, 02, 002

4/25/2013

FILE AT MD SHPO

"REAR (SOUTH) SIDE WITH BUILDING 32T  
TO THE EAST."

<ILFORD>, (Greenhouse Building 32) 04/11/14