

**APPENDIX B—AGENCY COORDINATION  
(SECTION 106)**

**60 Building DOE Letter and Response**





United States Department of Agriculture

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Research, Education, and Economics  
Agricultural Research Service

August 2, 2021

Beth Cole  
Administrator/Project Review and Compliance

Maryland Historic Trust  
100 Community Place  
Crownsville, MD 21032

Re: Continued Section 106 Consultation and Determinations of Eligibility for Contributing Resources to Beltsville Agricultural Research Center (BARC) Historic District  
USDA BARC Surplus Building Demolition Programmatic Agreement

Dear Ms. Cole:

This letter is intended to continue coordination with your office for proposed impacts to historic (National Register of Historic Places [NRHP]-eligible) components of the United States Department of Agriculture (USDA) Agricultural Research Service (ARS) Beltsville Agricultural Research Center (BARC) facility in Beltsville, Maryland. The entire BARC facility, recorded in the Maryland Inventory of Historic Places (MIHP) as PG:62-14, is a historic district determined eligible for inclusion in the NRHP in 1998. Coordination with your office regarding contributing and individual NRHP eligibility status for buildings, structures, and other features within this district has been ongoing since that period regarding various undertakings.

This correspondence is in reference to 60 buildings at the campus that are of historic-age but do not have formal determinations of eligibility (DOEs) (Table 1; Attachment 1: Figure 1, Sheets 1-8; Attachment 2). USDA-ARS has determined the buildings contribute to the NRHP-eligible district and plans to include them in the proposed Programmatic Agreement (PA) for a campus-wide demolition program of surplus buildings. The PA is intended to include 128 NRHP-eligible or contributing buildings in total and is mandated as per Stipulation II.B in the executed Memorandum of Agreement among USDA-ARS, the Maryland State Historic Preservation Office, and the Advisory Council on Historic Preservation (ACHP), Regarding the Proposed Demolition of 12 Buildings at the Beltsville Agricultural Research Center.

Property Management Unit  
10300 Baltimore Avenue  
Building 426, Beltsville, Maryland 20705  
USDA is an Equal Opportunity Provider and Employer

This letter requests concurrence from your office that the subject buildings contribute to the BARC Historic District and that their demolition would constitute an adverse effect to the NRHP-eligible property. The buildings and structures will be included in the proposed PA to resolve adverse effects from the larger surplus building reduction program at the campus. Attachment 1 includes a map book depicting the resources' locations, Attachment 2 includes photographs of the resources, and Attachment 3 includes setting overviews of the subject resources.

All but one resource (Building 044/Storage on North Farm) are concentrated in a cluster associated with animal-related research on the Central Farm. They all date to the period of significance for the district, ranging in age from circa 1933 to circa 1976, and all reflect associations with various contexts that contribute to BARC's NRHP significance. Under Criterion A, the 25 resources constructed between 1933 and 1941 (Buildings 288, 321, 321A, 321B, 322, 323, 324, 324A, 324B, 327, 328, 333, 334, 335, 335A, 337B, 338, 338A, 338B, 340, 344, 357, 1072, 1092, and 1330) were associated with Public Works Administration (PWA) expansion activities at BARC, and many were constructed by Civilian Conservation Corps (CCC) workers living at the facility during the period. The PWA and CCC "played an important role in shaping the landscape of BARC by installing significant new infrastructure, including sewer, water, electrical, roads, bridges, fencing, and landscaping/land clearing" (Farris 2017). At least three "junior colored companies" worked at the camp during the period, and could also be associated with the improvements post-1937 (Farris 2017). Little is known about these workers and their experience at BARC.

In addition to associations with the theme of New Deal Policies and Programs, the PWA-era buildings represent a distinctive, architect-designed grouping associated with the theme of Landscape Architecture under NRHP Criterion C. They are unique architecturally from other buildings at the campus and reflect "the involvement of...design and planning professionals" during the New Deal-era who dramatically influenced the character of the district's contributing landscape elements (Farris 2017; Robison & Associates 1998).

The remaining 34 buildings on the Central Farm postdate the New Deal (Buildings 335B, 336B, 336C, 337, 337A, 339C, 339D, 339F, 341R, 342, 342A, 342B, 342C, 342D, 362, 363, 364, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 385, 391, 461-1, 1054, 1205, 1288, and 1390) and represent the broadening of research endeavors as per the district's established historic significance statement under Criterion A (Farris 2017). Under Criterion C, they are intact examples of research-related architecture. The lone building on the North Farm (Building 044) is significant under Criterion A for its associations with the research mission of the Bureau of Plant Industry and under Criterion C as an example of the pervasive Georgian Revival-style architecture that characterizes that part of the facility.

**Table 1: Resources proposed for PA inclusion without formal DOEs**

<b>Building Number</b>	<b>Building Name</b>	<b>Year Built</b>	<b>Notes</b>	<b>Map Page / Photo Numbers</b>
44	Storage	1958	North Farm	3   1-6
288	Hillculture Office Building/Hydrology Lab	1933	Central Farm - Zoology Division	5   7-10
321	Eradiation Laboratory	1933	Central Farm - Zoology Division	1   11-22
321A	Walk-In-Box	1933	Central Farm - Zoology Division; associated with Eradiation Laboratory	1   23-24
321B	Walk-In-Box	1938	Central Farm - Zoology Division; associated with Eradiation Laboratory	1   23, 25-26
322	Cattle Barn/Office	1940	Central Farm - Zoology Division	1   27-33
323	Bull Barn/Feed Storage	1934	Central Farm - Zoology Division	1   34-38
324	Garage and Implement Shed	1934	Central Farm - Zoology Division	1   39
324A	Walk-In-Box	1934	Central Farm - Zoology Division; associated with Building 324	1   40-42
324B	Storage	1950	Central Farm - Zoology Division; associated with Building 324	1   43-44
327	Laboratory; Growth Chamber Box	1934	Central Farm - Zoology Division	1   45-49
328	Food and Drug Laboratory	1934	Central Farm - Zoology Division	1   50-58
333	Quarantine Building/Dog Kennel	1934	Central Farm - Zoology Division	1   59-69
334	Parasite Investigation Laboratory	1938	Central Farm - Zoology Division	2   70-77
335	Parasitic Brooder House	1939	Central Farm - Zoology Division	2   78-82
335A	Insectary/Low Storage	1940	Central Farm - Zoology Division	2   83-84
335B	Feed Barn	1949	Central Farm - Zoology Division	2   85-88
336B	Hog Shed	1949	Central Farm - Zoology Division	2   89-90
336C	Hog Shed	1949	Central Farm - Zoology Division	2   89, 91
337	Laboratory	1955	Central Farm - Zoology Division	2   92-97
337A	Swine Research	1967	Central Farm - Zoology Division	2   98-99
337B	Storage	1940	Central Farm - Zoology Division	2   100-102
338	Coccidiosis Laboratory	1934	Central Farm - Zoology Division	2   103-108
338A	Laboratory/Storage	1934	Central Farm - Zoology Division; associated with Building 338	2   109-113
338B	Animal Building	1934	Central Farm - Zoology Division; associated with Building 338	2   109-110, 114-115
339C	Animal Shed	1949	Central Farm - Zoology Division	2   116-118
339D	Animal Research Building	1967	Central Farm - Zoology Division	2   116, 119-120
339F	Laboratory	1976	Central Farm - Zoology Division	2   121-126

<b>Building Number</b>	<b>Building Name</b>	<b>Year Built</b>	<b>Notes</b>	<b>Map Page / Photo Numbers</b>
340	Swine Barn	1938	Central Farm - Zoology Division	1   127-133
341R	Hog Shed	1950	Central Farm - Zoology Division	1   134
342	Hog Shed	1950	Central Farm - Zoology Division	1   135-136
342A	Hog Shed	1950	Central Farm - Zoology Division	1   137-138
342B	Hog Shed	1950	Central Farm - Zoology Division	1   139-140
342C	Hog Shed	1950	Central Farm - Zoology Division	1   141-142
342D	Hog Shed	1950	Central Farm - Zoology Division	1   143-146
344	Sheep Barn	1938	Central Farm - Zoology Division	1   147-153
357	Food and Drug Barn/ Laboratory	1940	Central Farm - Zoology Division	1   154-159
362	Storage	1955	Central Farm - Zoology Division	1   160-162
363	Storage	1955	Central Farm - Zoology Division	1   160, 163-164
364	Storage	1950	Central Farm - Zoology Division	1   160, 165-168
369	Log House/Storage	1947	Central Farm - Zoology Division	1   169-171
370	Poultry House	1945	Central Farm - Zoology Division	1   172-175
371	Poultry House	1945	Central Farm - Zoology Division	1   176-179
372	Poultry House	1945	Central Farm - Zoology Division	1   180-182
373	Poultry House	1945	Central Farm - Zoology Division	1   183-184
374	Colony House	1945	Central Farm - Zoology Division	1   185-186
375	Colony House	1945	Central Farm - Zoology Division	1   187-189
376	Colony House	1945	Central Farm - Zoology Division	1   190-192
377	Storage	1945	Central Farm - Zoology Division	1   193-196
378	Field Pen/Storage	1950	Central Farm - Zoology Division	1   197-198
385	Pole Shed	1958	Central Farm - Zoology Division	1   199-200
391	Animal Shelter	1961	Central Farm - Zoology Division	1   201-204
469-1	Laboratory	1969	Central Farm - Entomology and Plant Quarantine	6   205-207
1054	Storage	1961	Central Farm - Animal Disease Station; Associated with contributing buildings 1052 and 1053	7   208-209
1072	Foreman's Residence/ Office	1935	Central Farm - Animal Disease Station	7   210-216
1092	Water Pumping House, Well 9	1938	Central Farm - Animal Disease Station	6   217-220
1205	Animal Pen	1972	Central Farm - Animal Disease Station	6   221-227
1288	Laboratory	1968	Central Farm - Animal Disease Station	4   228-232
1330	Storage Shed	1940	Central Farm - Animal Disease Station	4   233-237
1390	Storage	1972	Central Farm - Animal Disease Station	6   238-243

USDA-ARS has determined that the 60 buildings and structures contribute to the NRHP-eligible BARC Historic District. As a result, their demolition would constitute an adverse effect to the district. We seek your concurrence with the NRHP eligibility determinations presented herein and look forward to continued consultation as we seek to develop a program alternative for the BARC facility to manage our obligations more efficiently under Section 106 and to facilitate development of meaningful mitigation outcomes. Please contact me or historian Brandy Harris of Burns & McDonnell (512-558-2884; bmharris@burnsmcd.com) directly with any questions or additional information needs to facilitate your review.

Sincerely,

Chizo Irechukwu  
Facilities and Asset Manager

## **REFERENCES**

Farris, Lorin

2017 *Addendum to Maryland Historical Trust Maryland Inventory of Historic Properties Form*. Prepared by AECOM. March 17, 2017

Robinson & Associates

1998 *Final Submittal: Historic Site Survey, Beltsville Agricultural Research Center, Beltsville, Maryland*. Prepared for U.S. Department of Agricultural [sic.] Agricultural Research Service. Contract No. 53-3K15-5-9071. Task Order Number 14. 6 Volumes. Copy on file at BARC.



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**Maryland**  
**DEPARTMENT OF PLANNING**  
**MARYLAND HISTORICAL TRUST**

September 1, 2021

Chizo Irechukwu  
USDA Agricultural Research Service (USDA-ARS)  
1300 Baltimore Avenue, Building 426  
Beltsville, MD 20705  
Sent via email to [chizo.irechukwu@usda.gov](mailto:chizo.irechukwu@usda.gov)

Re: Determinations of Eligibility  
USDA BARC Surplus Building Demolition Programmatic Agreement  
Beltsville Agricultural Research Center (BARC)  
Prince George's County, Maryland

Dear Ms. Irechukwu:

Thank you for providing the Maryland Historical Trust (MHT), the Maryland State Historic Preservation Office, the opportunity to review your determinations of eligibility (DOEs) for the above-referenced undertaking. The MHT has reviewed the materials provided as part of our ongoing consultation for this undertaking, pursuant to Section 106 of the National Historic Preservation Act, as amended. We offer the following comments regarding the identification of historic structural resources for the undertaking.

MHT staff reviewed the submitted DOE letter with Table 1 and attached bound aerial maps and photographs. The MHT concurs with the USDA's determination that the 60 resources listed in Table 1 are contributing to the Beltsville Agricultural Research Center (BARC) Historic District, Maryland Inventory of Historic Properties (MIHP) #PG:62-14, which is eligible for listing on the National Register of Historic Places. The 60 contributing resources are as follows:

BARC North Farm:

Building 44, Storage Building

BARC Central Farm- Zoology Division:

Building 288, Hillculture Office/Hydrology Lab

Building 321, Eradication Laboratory

Buildings 321A and 321B, Walk-In-Boxes

Building 322, Cattle Barn/Office

Building 323, Bull Barn/Feed Storage

Building 324, Garage and Implement Shed

Building 324A, Walk-In-Box

Building 324B, Storage Building

Building 327, Laboratory and Growth Chamber Box  
Building 328, Food and Drug Laboratory  
Building 333, Quarantine Building/Dog Kennel  
Building 334, Parasite Investigation Laboratory  
Building 335, Parasite Brooder House  
Building 335A, Insectary/Low Storage Building  
Building 335B, Feed Barn  
Buildings 336B and 336C, Hog Sheds  
Building 337, Laboratory  
Building 337A, Swine Research Building  
Building 337B, Storage Building  
Building 338, Coccidiosis Laboratory  
Building 338A, Laboratory/Storage Building  
Building 338B, Animal Building  
Building 339C, Animal Shed  
Building 339D, Animal Research Building  
Building 339F, Laboratory  
Building 340, Swine Barn  
Buildings 341R, 342, 342A, 342B, 342C, and 342BD Hog Sheds  
Building 344, Sheep barn  
Building 357, Food and Drug Barn/Laboratory  
Buildings 362, 363, and 364, Storage Buildings  
Building 369, Log House/Storage Building  
Buildings 370, 371, 372, and 373, Poultry Houses  
Buildings 374, 375, and 376, Colony Houses  
Building 377, Storage Building  
Building 378, Field Pen/Storage Building  
Building 385, Pole Shed  
Building 391, Animal Shelter

BARC Central Farm – Entomology and Plant Quarantine:

Building 469-1, Laboratory

BARC Central Farm – Animal Disease Station:

Building 1054, Storage Building  
Building 1072, Foreman's Residence/Office  
Building 1092, Water Pumping House, Well 9  
Building 1205, Animal Pen  
Building 1288, Laboratory  
Building 1330, Storage Shed  
Building 1390, Storage Building.

Chizo Irechukwu  
Determinations of Eligibility  
USDA BARC Surplus Building Demolition  
September 1, 2021  
Page 3 of 3

We look forward to further consultation with USDA, BARC, ACHP, and other consulting parties as we continue consultation on this Programmatic Agreement. If you have any questions or require further information, please do not hesitate to contact Preservation Officer Becky Roman at [becky.roman@maryland.gov](mailto:becky.roman@maryland.gov) or Project Review and Compliance Administrator Beth Cole at [beth.cole@maryland.gov](mailto:beth.cole@maryland.gov). Thank you for providing this opportunity to comment.

Sincerely,



Elizabeth Hughes  
Director / State Historic Preservation Officer  
Maryland Historical Trust

EH/ELR/ELC 202103223

Cc: Claudette Joyner (USDA/ARS [claudette.joyner@usda.gov](mailto:claudette.joyner@usda.gov))  
Brandy Harris (Burns & McDonnell / [bmharris@burnsmcd.com](mailto:bmharris@burnsmcd.com))  
Alexis Clark (ACHP / [aclark@achp.gov](mailto:aclark@achp.gov))  
Lisa Bynum (USDA-ARS / [lisa.bynum@usda.gov](mailto:lisa.bynum@usda.gov))  
Bill Howl (USDA-ARS / [bill.howl@usda.gov](mailto:bill.howl@usda.gov))  
Heather Johnson (LSY Architects / [hjohnson@lsyarchitects.com](mailto:hjohnson@lsyarchitects.com))  
Shari Cannon-Mackey (Burns & McDonnell / [scannonmackey@burnsmcd.com](mailto:scannonmackey@burnsmcd.com))  
Jason Robbins (USDA-ARS / [Jason.robbins@usda.gov](mailto:Jason.robbins@usda.gov))



**Consulting Party Invitation, Table, and Responses**

## CONSULTING PARTIES LETTER OF INVITATION

November XX, 2021

**Re: Surplus Building Demolition Initiative; United States Department of Agriculture  
Agricultural Research Service's Beltsville Agricultural Research Center, Prince  
George's County, Maryland**

Dear XXXX:

The United States Department of Agriculture Agricultural Research Service (USDA ARS) is proposing demolition of 128 buildings at the Beltsville Agricultural Research Center (BARC) facility in Beltsville, Maryland. The entire BARC facility, recorded in the Maryland Inventory of Historic Places (MIHP) as PG:62-14, is a historic district determined eligible for inclusion in the National Register of Historic Places (NRHP) in 1998. The buildings and structures (i.e. corrals, retaining walls, etc.) slated for demolition are contributing elements of the NRHP district. As a result, their removal would constitute an adverse effect to the district under Section 106 of the National Historic Preservation Act (NHPA). The undertaking is also subject to review and compliance with the National Environmental Policy Act (NEPA).

The buildings are being considered for demolition for multiple reasons: (1) to reduce costs related to maintenance and repair for buildings that no longer meet current physical space, purpose, or safety requirements for USDA ARS's current research missions; (2) applicable Federal executive orders and directives; and (3) applicable Federal and state regulatory requirements. Budget constraints require limited resources to be focused on existing building stock that can still meet BARC's research mission. Federal facilities with buildings and structures in similar circumstances are what prompted the release of the *National Strategy for Real Property* and the companion *Reduce the Footprint Policy* in March 2015 by the Executive Office of the President, Office of Management and Budget. The National Strategy is a three-step framework to improve real property management and utilization of government-owned buildings, reduce the number of excess and underutilized properties, and improve the cost-effectiveness and efficiency of the government's property portfolio. The *Reduce the Footprint Policy* requires agencies to submit annual Real Property Efficiency Plans that set annual square foot reduction targets for Federal domestic buildings over a rolling 5-year period.

### **Development of a Programmatic Agreement**

In addition to the overall environmental review of the proposed action in compliance with NEPA, special consideration must be given to the adverse effects the proposed action will have under Section 106 of the NHPA and what measures should be considered to resolve those adverse effects. As demolition and associated redevelopment plans have not been finalized, and thus the specific timing and nature of potential adverse effects to historic (NRHP-listed or eligible) properties is unknown, USDA ARS proposes development of a Programmatic Agreement (PA) pursuant to § 800.14 of Section 106 of the NHPA (54 U.S.C. § 306108) as codified in its implementing regulations at 36 CFR Part 800 to facilitate the surplus building removal and associated demolition and anticipated development activities at BARC. This PA will allow demolition activities to proceed in a timely manner as funding becomes available. Using the procedures outlined in § 800.6 of Section 106, the PA will outline:

November XX, 2021

Page 2

- Presumed Areas of Potential Effect (APEs) for the proposed undertaking and the process for modification of the APEs if required due to design revisions, on the ground conditions, or other constraints (i.e. archeological sites, wetlands, etc.);
- The process for coordination and identification of archeological resources or other historic property types, where warranted;
- Measures to avoid and minimize adverse effects on specific resources;
- Mitigation measures for specific resources and/or activity types;
- Timing, content, and implementation of public interpretation measures;
- The process for ongoing consultation among the Signatories and consulting parties during implementation of the PA; and
- Activities exempt from further consultation.

The PA is also mandated as per Stipulation II.B in the executed Memorandum of Agreement among USDA-ARS, the Maryland State Historic Preservation Office (SHPO), and the Advisory Council on Historic Preservation (ACHP), Regarding the Proposed Demolition of 12 Buildings at the Beltsville Agricultural Research Center executed on June 1, 2021. Specific mitigation stipulations for the 12 buildings will also be included in the PA.

### **BARC Historic District**

Under USDA ARS's responsibilities outlined in Section 110 of the NHPA, BARC was first documented as a historic property in the 1970s with updated survey and an official NRHP eligibility determination occurring in 1998. The boundaries of the NRHP district include the entire 6,582-acre research center (Figure 1). It is eligible under both NRHP Criteria A and C for its historic associations and as a designed landscape.

Under NRHP Criterion A, the facility is significant for its role in "the development of a national center for agriculture experimentation and testing" (Farris 2017a). It maintains associations with the New Deal and Federal Depression-era programs of the 1930s and 1940s, and the "diversity of the scientific research conducted at BARC has influenced many aspects of 20th century living for the farmer as well as the consumer" (P.A.C. Spero & Company 1998).

Under NRHP Criterion C, the facility is significant as a designed landscape with significant influences from "the planning team of A.D. Taylor, landscape architect, and Delos Smith, architect" during the 1930s. It also maintains associations with the Public Works Administration (PWA) and the Civilian Conservation Corps (CCC) and was influenced by the individual divisions within BARC and their research missions. Contributing features of the landscape include "major paved roads, including Powder Mill Road, minor service roads, field and research crops, pasture lands, seasonal ponds, forests, sustainable meadows, other landscape features, and buildings" (P.A.C. Spero & Company 1998) The district's period of significance extends from the facility's founding in 1910 through its reclassification as a regional research facility in 1984.

Specific historic contexts associated with the historic district and its contributing resources include the Federal role in agricultural research, experimental agricultural research, New Deal policies and programs, landscape architecture, experimental agricultural architecture, and Georgian Revival architecture, each encompassing numerous subthemes. Buildings and structures proposed for demolition encompass the entire

November XX, 2021

Page 3

period of significance and most of the relevant themes and are spread across the facility's five farms (Figure 1).

A brief description of each farm and its composite resources is included as an attachment (Attachment 1); however, due to the amount of relevant material, interactive mapping, photographs, Maryland Historical Trust Determination of Eligibility (MHT DOE) Forms, and previous surveys and studies of the campus and the subject buildings are being hosted at a website for your reference (<https://www.ars.usda.gov/northeast-area/beltsville-md-barc/beltsville-agricultural-research-center/docs/barc-demolition-project/>).

### **Consulting Party Request**

With this letter, USDA ARS is seeking coordination with your agency as a consulting party. This designation does not imply that your agency either supports the proposed project or has any special expertise with respect to evaluation of the proposed project. Consulting parties have certain rights and obligations under the NHPA and its implementing regulations at 36 CFR Part 800. By becoming a consulting party, you will be actively informed of steps in the Section 106 process and be asked to participate in:

- development of the PA, including identification of potential mitigative measures
- definition of additional survey requirements, including APEs based on proposed demolition plans in relation to other historic or archeological resources at the facility
- vetting and approval of mitigation measures once implemented

To become a consulting party, please respond to Chizo Irechukwu at (301) 440-1413 or [chizo.irechukwu@usda.gov](mailto:chizo.irechukwu@usda.gov) by **December XX, 2021**. If you do not respond within this timeframe, you may request consulting party status in the future, but the project may continue to advance without your input. If you are requesting consulting party status, we ask that your agency nominate one representative and an alternate to participate on behalf of the group. In your response, please provide the contact information for your agency's primary point of contact and the alternate to allow us to update our contact list.

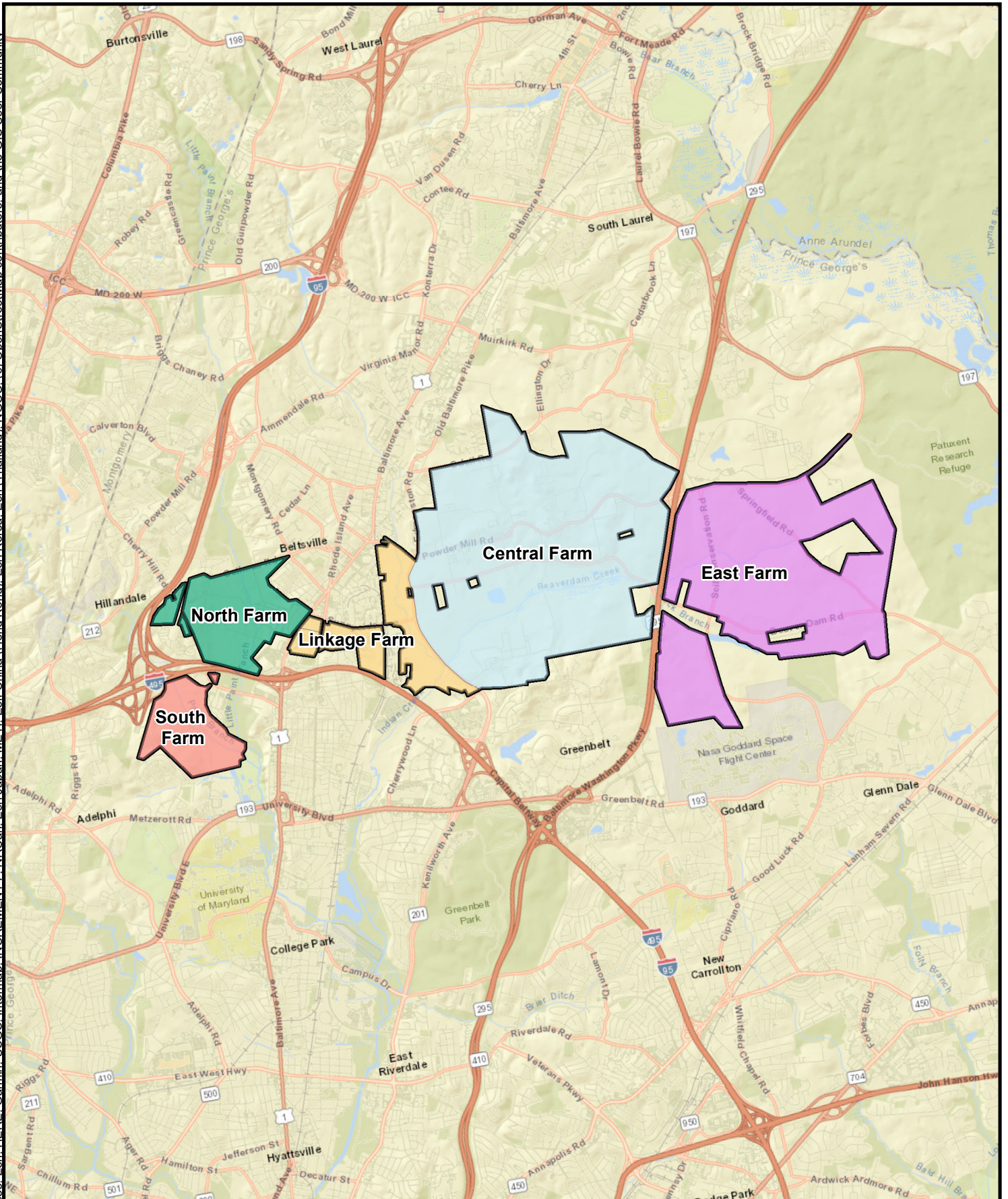
Sincerely,



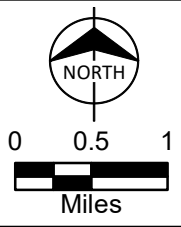
Chizo Irechukwu

Cc: Bill Howl, USDA-ARS  
Jason Robbins, USDA-ARS





- BARC Boundary
- Central Farm
- East Farm
- Linkage Farm
- North Farm
- South Farm



**Figure 1**  
**Project Location**  
**USDA**  
**Beltsville Agricultural**  
**Research Center**  
**Buildings and Farms**

## **ATTACHMENT 1: SUPPLEMENTAL INFORMATION REGARDING BUILDINGS PROPOSED FOR DEMOLITION**

The following sections present summary historical information about the five farms comprising the BARC Historic District including overview maps and summary tables. Additional information relevant to understanding the district's significance and that of the component resources can be found at:

<https://www.ars.usda.gov/northeast-area/beltsville-md-barc/beltsville-agricultural-research-center/docs/barc-demolition-project/>



## **I. North Farm**

The North Farm includes 549 acres initially acquired in 1933 and expanded in 1940 by the Bureau of Plant Industry (BPI). It is located northeast of the South Farm and features “cultivated farmland to the west and a densely developed area to the east” (Farris 2017a) (Figure 1-1). It is roughly bounded “on the east by U.S. Route 1 (a major Beltsville arterial roadway); by woodland and Cherry Hill Road to the west; woodland and I-495 to the South; and Sellman road to the north” (Robinson & Associates et al. 1998). The farm comprises two distinct areas divided by Little Paint Branch Creek, which runs north to south through the farm, and three distinct land use zones: administration, laboratory research, and field crops research.

Most of the built environment associated with the North Farm was constructed between 1932 and 1944. Under NRHP Criterion A, the North Farm is significant for its associations “with events related to long standing research on a national level and...with events and federal programs under the New Deal” (Robinson & Associates et al. 1998). Under Criterion C, it is significant for its professionally designed master plan created by National Park Service (NPS) landscape architect Malcom Kirkpatrick and the incorporation of Georgian Revival style architecture, which became the primary aesthetic for the BARC campus (Robinson & Associates et al. 1998).

In 1933, the Public Works Administration (PWA) allocated funds to the North Farm site “for land clearing, drainage and water lines, irrigation system installation, road and fence construction and electric service” (Robinson & Associates et al. 1998). The following year, the Civil Works Administration (CWA) allotted additional funds for improvements. Many of the features from this period remain part of the landscape today including “bridge locations...[an] irrigation reservoir, storage buildings, various portions of roads, ditch and drainage systems and the Little Paint Branch Creek levee” (Robinson & Associates et al. 1998).

The North Farm landscape is characterized by “lawns, specimen trees, and beds of shrubs, perennials and annuals.” In the administrative zone, plantings are “fairly formal,” while “foundation plantings at the outbuildings, associated with research fields, appear informal and somewhat arbitrary” (Robinson & Associates et al. 1998). Contributing buildings planned for demolition and inclusion in the PA within the North Farm include Buildings 009 (Range 3), 11A (Bioscience Research Building), 018 (Smallwood House), 038 (Potato House), 039 (Bulb House), 040 (Fruit Storage House), 041 (Fallout Shelter), 044 (Storage), and 050 (Headhouse with Greenhouses) (Figure 1-1; Table 1).

Building construction dates range from circa 1934 to 1974, and applicable historic themes as identified in relevant contexts include:

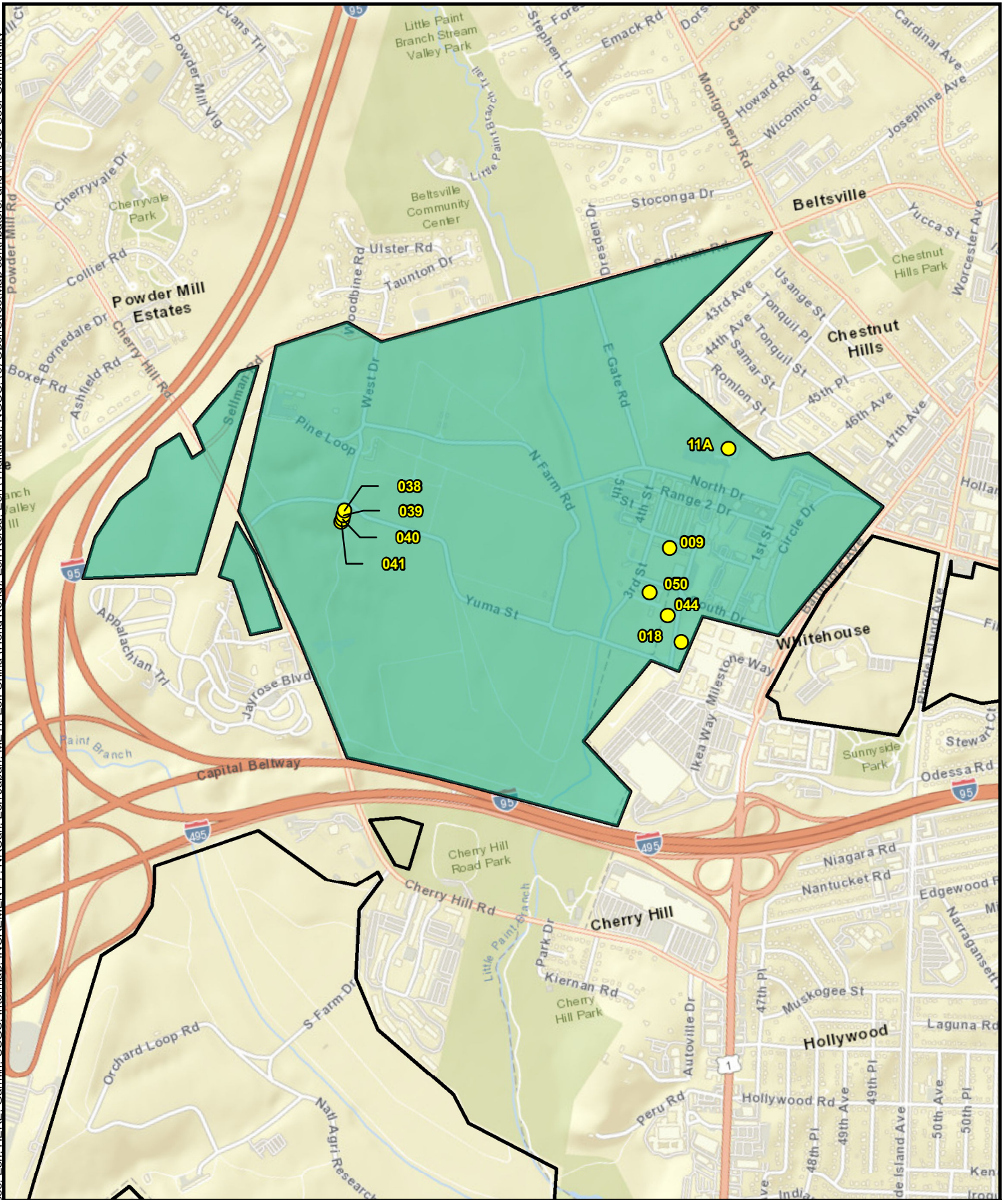
- Federal role in agricultural research
- Experimental agricultural research
- New Deal policies and programs
- Experimental agricultural architecture
- Georgian Revival architecture
- Landscape architecture

For additional information about the North Farm and the resources proposed for demolition in this area, please visit <https://www.ars.usda.gov/northeast-area/beltsville-md-barc/beltsville-agricultural-research-center/docs/barc-demolition-project/>.

**Table 1: North Farm Resources**

Building#	MIHP#	Building Name	Construction Date	NRHP Eligibility	Notes
0009	PG:61-17	Range 3 (Headhouse with Greenhouses)	1941-1943	Contributes to BARC Historic District under Criteria A and C	Eligible for its association with experimental agriculture (A); Good example of modest Georgian Revival architecture (C)
0011A	PG:61-87	Bioscience Research Building	1970-1974	Contributes to BARC Historic District under Criteria A and C	Eligible for its representation of the Federal role in agricultural research (A); Distinctive example of modern architectural trends at the facility during second half of the twentieth century (C)
0018	PG:61-34	Smallwood House	1933-1934	Contributes to BARC Historic District under Criterion A	Constructed as worker housing using PWA funds; significant for associations with agricultural research at BPI (A)
0038	PG:61-79	Potato House	1934	Contributes to BARC Historic District under Criteria A and C	Constructed using PWA funds; significant for associations with potato research, which was responsible for creating many of the disease- and pest-resistant potatoes currently cultivated in U.S. (A); Example of experimental agricultural architecture; contributes to overall landscape (C)
0039	PG:61-80	Bulb House	1934	Contributes to BARC Historic District under Criteria A and C	Constructed using PWA funds; significant for development of first American-bred cultivar of the “Easter-lily,” which was previously only grown in Japan (A); Example of experimental agricultural architecture; contributes to overall landscape (C)
0040	PG:61-81	Fruit Storage House	1934	Contributes to BARC Historic District under Criteria A and C	Constructed using PWA funds; significant for research responsible for development of disease- and pest-resistant fruit trees currently in cultivation in the U.S. (A); Example of experimental agricultural architecture; contributes to overall landscape (C)
0041	PG:61-82	Fallout Shelter	1943	Contributes to BARC Historic District under Criteria A and C	Associations with research mission of the Division of Fruit and Vegetable Crops and Diseases (A); example of World War II and Cold War era “civil defense” structures on government properties and contributes to overall landscape (C)
0044	N/A	Storage	1958	Contributes to BARC Historic District under Criteria A and C	Associations with the research mission of the BPI (A); Example of the pervasive Georgian Revival-style architecture that characterizes the North Farm (C)
0050	PG:61-83	Headhouse with Greenhouse	1960-1965	Contributes to BARC Historic District under Criteria A and C	Associations with research by the BPI and valuable scientific contributions in foundational and applicable science (A); Example of experimental agricultural architecture with characteristics of the facility’s notable Georgian Revival style, contributes to overall landscape (C)





- BARC Boundary
- North Farm
- Buildings

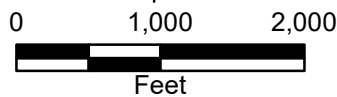


Figure 1-1  
Overview of North Farm  
USDA  
Beltsville Agricultural  
Research Center  
Buildings and Farms

## II. South Farm

The 367-acre South Farm is located near the southeastern boundary of the BARC campus and comprises “open cultivated fields with a small number of farm buildings on land purchased by the Bureau of Plant Industry [BPI] between 1941 and 1943 for plant research” (Farris 2017a). The farm is defined primarily by research fields accessed “via a two-lane paved road from Cherry Hill Road on the eastern side of the farm” (Robinson & Associates et al. 1998). Like the North Farm, the South Farm is separated into two sections by Little Paint Branch Creek; the land east of creek comprises primarily “flat bottomland,” while land to the west is “both flat bottomland and rolling hillside” (Robinson & Associates et al. 1998).

Under Criterion A, the South Farm is significant for its associations “with events related to long standing agricultural research on a national level and...events and federal programs initiated under the New Deal” (Robinson & Associates et al. 1998). Though Criterion C is not specifically referenced in the 1998 NRHP assessment of the South Farm, the fields, roads, and other landscape features associated with the farm are identified as significant to the overall landscape of the BARC Campus.

Building 60, Service Building D, is slated for demolition within the South Farm (Figure 1-2 and Table 2). It was constructed in 1942 and maintains associations with the following historic themes:

- Federal role in agricultural research
- Experimental agricultural research
- Experimental agricultural architecture
- Georgian Revival architecture

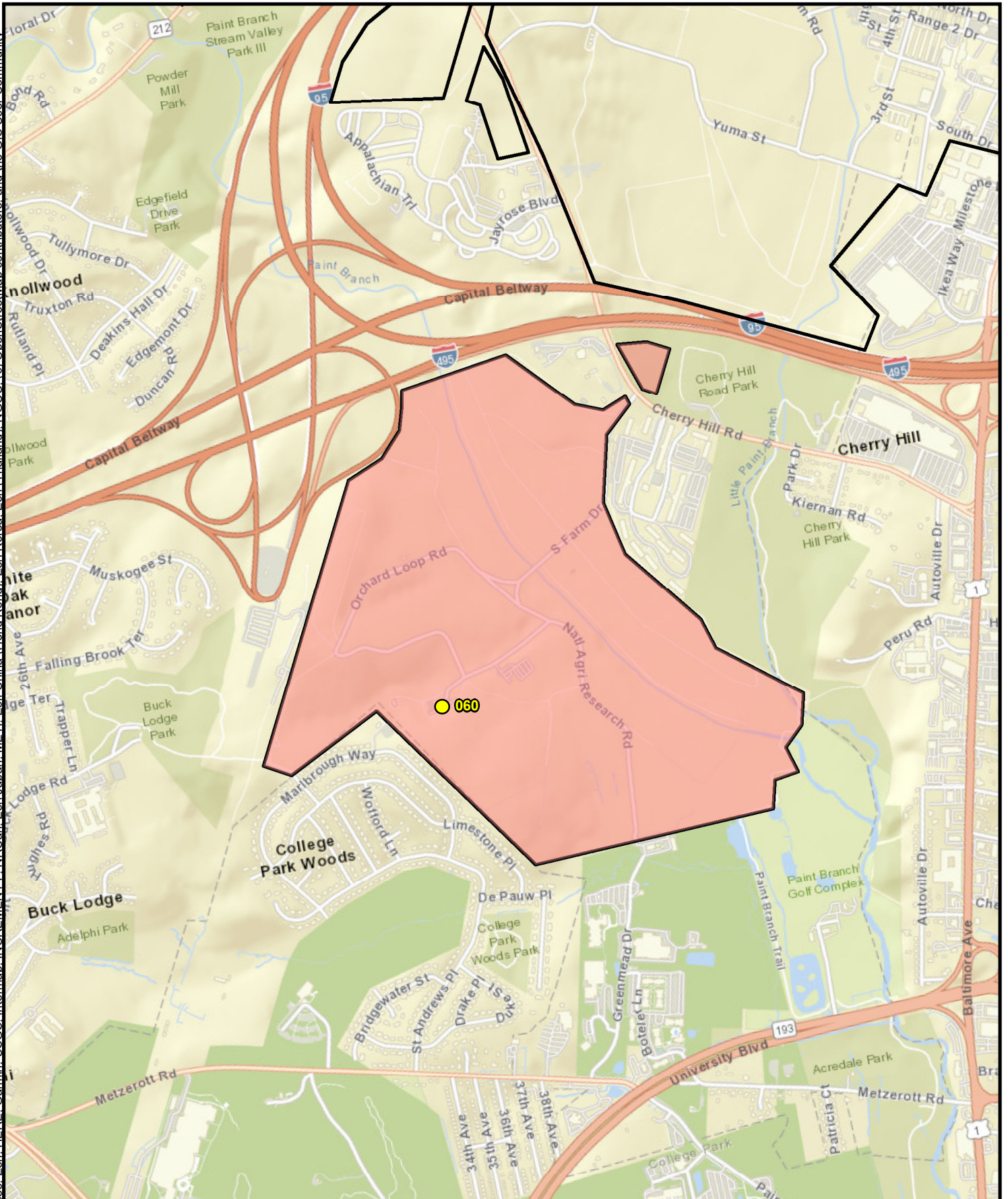
For additional information about the South Farm and the resource proposed for demolition in this area, please visit <https://www.ars.usda.gov/northeast-area/beltsville-md-barc/beltsville-agricultural-research-center/docs/barc-demolition-project/>.

**Table 2: South Farm Resource**

Building#	MIHP#	Building Name	Construction Date	NRHP Eligibility	Notes
0060	PG:66-79	Service Building D	1942	Contributes to BARC Historic District under Criteria A and C	Eligible for its associations with experimental agriculture and the research mission of the BPI (A); represents a variation of the Georgian Revival style applied to a utilitarian farm service building and contributes to the overall landscape (C)



Path: C:\Users\sspurgeon\OneDrive - Burns & McDonnell\Desktop\Projects\BARC\ArcGIS\DataFiles\ArcDocs\Invitation Letters\South\_Farm.mxd sspurgeon 11/4/2021  
Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



- BARC Boundary
- South Farm
- Buildings

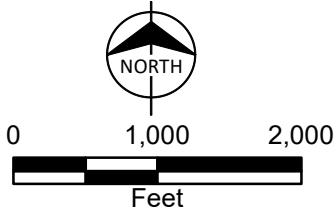


Figure 1-2  
Overview of South Farm  
USDA  
Beltsville Agricultural  
Research Center  
Buildings and Farms

### III. Linkage Farm

The Linkage Farm contains approximately 460 acres and connects the North Farm and the Central Farm. It lies across Route 1 from the North Farm and includes two discontinuous tracts of approximately 310 acres and 150 acres respectively (Robinson & Associates et al. 1998). In addition to the National Agricultural Library and the George Washington Carver Center, the farm comprises primarily open and cultivated fields (Farris 2017a). The buildings to be demolished in the Linkage Farm include a granary complex located on the 150-acre tract. This tract is bounded by “Powder Mill Road, the Baltimore and Ohio Railroad, Edmonston Road, and Interstate 495” and divided by Sunnyside Road.

The granary complex, “which served as a processing plant for regular feeding operations for the Bureau of Dairy Industry [BDI]” was constructed using PWA funds and represents the only such facility at BARC. Its primary purpose was to prepare feed for dairy and other research cattle, and it was designed by dairy engineers from the facility’s Bureau of Agricultural Engineering. The granary complex provided a cost-effective way to feed the facility’s dairy cattle and contributed to the significant research the BDI conducted, which “led to major improvements for small dairy farms, larger commercial dairies, and dairy production and manufacturing industries nationwide” (Farris 2017b). The complex includes Buildings 085 (Granary Building); 085A (Granary Service Building); and Resource 085B (Granary Garage) (Figure 1-3; Table 3). The buildings maintain associations with the following historic themes:

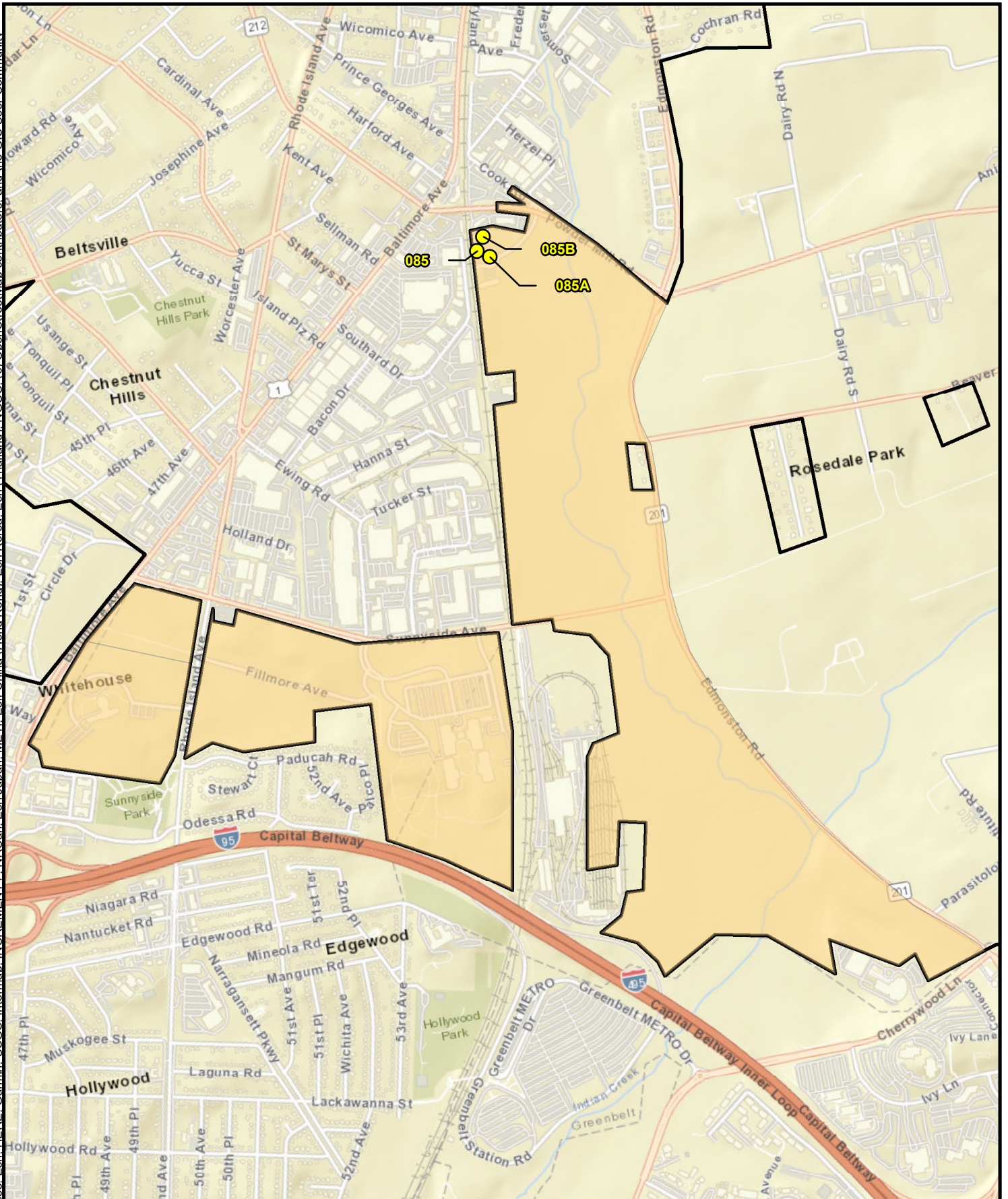
- Federal role in agricultural research
- Experimental agricultural research
- Experimental agricultural architecture
- New Deal policies and programs

For additional information about the Linkage Farm and the resources proposed for demolition in this area, please visit <https://www.ars.usda.gov/northeast-area/beltsville-md-barc/beltsville-agricultural-research-center/docs/barc-demolition-project/>.

**Table 3: Linkage Farm Resources**

Building#	MIHP#	Building Name	Construct ion Date	NRHP Eligibility	Notes
0085	PG:67-45	Granary	1936	Contributes to BARC Historic District under Criteria A and C	Eligible for its association New Deal-era construction and research mission of the BDI (A); represents an example of experimental agriculture architecture and contributes to the overall landscape (C)
0085A	PG:67-62	Granary Service Building	Ca. 1950	Contributes to BARC Historic District under Criteria A and C	Maintains associations with the research mission of the BDI (A); example of experimental and purpose-driven agricultural architecture trends for which BARC is significant (C)
0085B	PG:67-76	Granary Garage	Ca. 1933	Contributes to BARC Historic District under Criterion A	Maintains associations with the research mission of the BDI (A)





-  BARC Boundary
-  Linkage Farm
-  Buildings

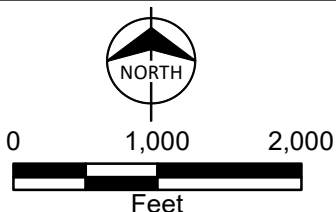


Figure 1-3  
 Overview of Linkage Farm  
 USDA  
 Beltsville Agricultural  
 Research Center  
 Buildings and Farms

#### **IV. Central Farm**

The Central Farm is the oldest of the five farms, comprising approximately 2,980 acres, and contains the majority of the resources proposed for demolition and PA inclusion. It is adjacent to the Linkage Farm and “contains approximately 12 clusters of farm or research-related buildings, as well as pasture and forested areas” (Farris 2017a). The Central Farm includes the original acreage acquired by USDA in 1910 and originally served “the Bureaus of Dairy Industry and Animal Industry, and their successor organizations” (Farris 2017a).

The Central Farm is significant under Criterion A for its associations with “events related to long standing agricultural research on a national level and...events and federal programs initiated under the New Deal” (Robinson & Associates et al. 1998). Under Criterion C, the farm was developed using a professionally design master plan including specially oriented farmyard layouts. The PWA, CWA, and CCC were all involved in the development and construction of the Central Farm, which reached its zenith during the New Deal era. The team of A.D. Taylor and Delos Smith along with Robert T. Walker, a CCC landscape architect, were responsible for both building and landscape design during that period.

Additionally, a number of the buildings in the 300 Area Cluster, including 324, 324A, 324B, 328, 333, 334, 338, and 338A among the subject buildings, were designed by the Bureau of Agricultural Engineering with input from Dr. Maurice Hall, Chief of the Division of Zoology (Figure 1-4; Table 4). These buildings, constructed in 1934, displayed a “similar architectural vocabulary, with the majority of concrete block construction covered with a warm, cream-colored stucco.” Many of the buildings had cornerstones inscribed with their construction date, a detail requested by Dr. Hall (Robinson et al. 1998).

The buildings and landscaping were constructed primarily by CCC workers. There were four CCC camps at BARC between 1933 and 1942, when the majority of the Central Farm was developed, and they were responsible for reshaping “a vernacular, rural landscape into the ‘largest farm demonstration in the world’” (Robinson & Associates et al. 1998). The CCC “played an important role in shaping the landscape of BARC” via installation of utilities, roads, fencing, and other landscaping features (Farris 2017a). Further, at least three African American CCC companies worked at the camp during the period beginning in 1937 (Farris 2017a). Little is known about these workers and their experience at BARC.

The Central Farm “is located at the geographic center of” BARC and “consists primarily of large, open farm fields and pastures at its west end and forests at its east end” (Robinson & Associates et al. 1998). The built resources proposed for PA inclusion are associated with several research missions at the farm including Animal Husbandry, Pathology, Zoological, and Insecticide Divisions of the Bureau of Animal Industry (BAI), and Entomology and Plant Quarantine and are located throughout the farm.

In total, 98 buildings within the Central Farm are proposed for demolition. They range in age from 1805 to 1976 with the majority dating from circa 1933 through 1940. They are associated with the following themes as outlined in the applicable contexts for the BARC Historic District:

- Federal role in agricultural research
- Experimental agricultural research
- New Deal policies and programs
- Experimental agricultural architecture
- Georgian Revival architecture
- Landscape architecture

**Table 4: Central Farm Resources**

<b>Building#</b>	<b>Cluster</b>	<b>MIHP#</b>	<b>Building Name</b>	<b>Construction Date</b>	<b>NRHP Eligibility</b>	<b>Notes</b>
0156	100 Area	PG:67-46	Road Shelter	1941	Contributes to BARC Historic District under Criteria A and C	Eligible for its association associations with BARC's research missions (A); contributes to the overall landscape (C)
0166A	100 Area	PG:67-47	Silo Shed	1934	Contributes to BARC Historic District under Criteria A and C	Maintains associations with the research mission of the BDI (A); Represents example of simple vernacular architecture employed in many of BARC's early utilitarian buildings and contributes to the overall landscape (C)
0204A	200 Area	PG:62-43	Post-Mortem Building	1933	Contributes to BARC Historic District under Criteria A and C	Maintains associations with the research mission of the Animal Husbandry Division of the BAI (A); Represents example of experimental agricultural architecture for which BARC is significant and contributes to the overall landscape (C)
0205	200 Area	PG:62-44	Meat Laboratory Holding Shelter/ Sheep Barn	1945	Contributes to BARC Historic District under Criteria A and C	Maintains associations with the research mission of the Animal Husbandry Division of the BAI (A); Represents example of experimental and purpose-driven agricultural architecture and fire-safe construction trends for which BARC is significant and contributes to the overall landscape (C)
0209B	200 Area	PG:62-13	Walnut Grange Smokehouse	1805	Contributes to BARC Historic District under Criteria A and C	Associated with the research mission of the BAI (A); along with the associated residence (not slated for demolition), served as a fixed point around which the rest of the master planning and landscape were developed (C)
0288	200 Area	N/A	Hillculture Office Building/Hydrology Building/Storage	1938	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)
321	300 Area	N/A	Eradiation Laboratory/Barn	Ca. 1933	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Zoology Division (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)

<b>Building#</b>	<b>Cluster</b>	<b>MIHP#</b>	<b>Building Name</b>	<b>Construction Date</b>	<b>NRHP Eligibility</b>	<b>Notes</b>
321A	300 Area	N/A	Walk-In-Box	Ca. 1933	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Zoology Division (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)
321B	300 Area	N/A	Walk-In-Box	Ca. 1938	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Zoology Division (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)
322	300 Area	N/A	Cattle Barn/Office	Ca. 1938	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Zoology Division, specifically parasite eradication in cattle (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)
323	300 Area	N/A	Bull Barn	Ca. 1940	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Zoology Division, specifically cattle research (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)
324	300 Area	N/A	Garage and Implement Shed	1934	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Zoology Division, specifically parasites and an animal quarantine (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)
324A	300 Area	N/A	Garage and Implement Shed (Addition)	1934	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Zoology Division, specifically parasites and animal quarantine (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)
324B	300 Area	N/A	Garage and Implement Shed (Addition)	1934	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Zoology Division, specifically parasites and animal quarantine (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)



Building#	Cluster	MIHP#	Building Name	Construction Date	NRHP Eligibility	Notes
327	300 Area	N/A	Growth Chamber Box	1950	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Zoology Division, particularly the study of parasitic insects (A); intact example of research-related architecture that contributes to the overall landscape (C)
328	300 Area	N/A	Food and Drug Laboratory	1934	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the Food and Drug Administration, particularly testing of drugs and remedies for animal diseases (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)
333	300 Area	N/A	Quarantine Building/Dog Kennel	1934	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Zoology Division, particularly parasite research (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)
334	300 Area	N/A	Parasite Investigation Laboratory	1934	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Zoology Division, particularly parasite research (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)
335	300 Area	N/A	Parasitic Brooder House	1938	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Zoology Division, particularly eradication of parasites in poultry (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)
335A	300 Area	N/A	Insectary/Low Storage	1939	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Zoology Division, particularly eradication of parasites in poultry (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)
335B	300 Area	N/A	Feed Barn	1940	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Zoology Division (A); contributes to the overall landscape (C)

Building#	Cluster	MIHP#	Building Name	Construction Date	NRHP Eligibility	Notes
336B and C	300 Area	N/A	Hog Sheds	1949	Contribute to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Zoology Division, particularly regarding investigation of parasite-related diseases in hogs (A); intact examples of research-related architecture that contribute to the overall landscape (C)
337	300 Area	N/A	Laboratory	1955	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Zoology Division (A); intact example of research-related architecture that contributes to the overall landscape (C)
337A	300 Area	N/A	Swine Research	1967	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Zoology Division (A); intact example of research-related architecture that contributes to the overall landscape (C)
337B	300 Area	N/A	Storage	1940	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Zoology Division, particular parasitology experiments (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)
338	300 Area	N/A	Coccidiosis Laboratory	1934	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Zoology Division, particularly the eradication of coccidiosis, a devastating disease that affected a variety of animals (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)
338A	300 Area	N/A	Laboratory/Storage	1934	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Zoology Division (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)
338B	300 Area	N/A	Animal Building	1934	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Zoology Division (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)
339C	300 Area	N/A	Animal Shed	1949	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Zoology Division (A); intact example of research-related architecture that contributes to the overall landscape (C)

Building#	Cluster	MIHP#	Building Name	Construction Date	NRHP Eligibility	Notes
339D	300 Area	N/A	Animal Research Building	1967	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Zoology Division (A); intact example of research-related architecture that contributes to the overall landscape (C)
339F	300 Area	N/A	Laboratory	1976	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Zoology Division (A); intact example of research-related architecture that contributes to the overall landscape (C)
340	300 Area	N/A	Swine Barn	1938	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Zoology Division, particularly swine research (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)
341R; 342; 342A-D	300 Area	N/A	Hog Sheds	Ca. 1950	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Zoology Division, particularly swine research (A); intact example of research-related architecture that contributes to the overall landscape (C)
344	300 Area	N/A	Sheep Barn	1938	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Zoology Division, particularly sheep research (A); part of a distinctive, architect-designed grouping associated with the theme of Landscape Architecture (C)
357	300 Area	N/A	Food and Drug Barn	1940	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of Food and Drug Administration (A); part of a distinctive, architect-designed grouping associated with the theme of landscape architecture (C)
362 and 363	300 Area	N/A	Storage	Ca. 1955	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Zoology Division (A); intact example of research-related architecture that contributes to the overall landscape (C)
364	300 Area	N/A	Storage	Ca. 1950	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Zoology Division (A); intact example of research-related architecture that contributes to the overall landscape (C)

Building#	Cluster	MIHP#	Building Name	Construction Date	NRHP Eligibility	Notes
369	300 Area	N/A	Log House	Pre-1947	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Zoology Division and may be related to CCC occupation of the property (A); intact example of research-related architecture that contributes to the overall landscape (C)
370-377	300 Area	N/A	Poultry Houses	Ca. 1945	Contribute to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Zoology Division, particularly poultry research (A); intact examples of research-related architecture that contribute to the overall landscape (C)
378	300 Area	N/A	Field Pen/Storage	Ca. 1950	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Zoology Division, particularly parasitology and animal quarantine (A); intact example of research-related architecture that contributes to the overall landscape (C)
385	300 Area	N/A	Pole Shed	1958	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Zoology Division (A); intact example of research-related architecture that contributes to the overall landscape (C)
391	300 Area	N/A	Animal Shelter	1961	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Zoology Division (A); intact example of research-related architecture that contributes to the overall landscape (C)
467	400 Area	PG:62-61	Entomology "C" Building, Headhouse & Greenhouse	1941	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the Bureau of Entomology and Plant Quarantine – Entomology Research Division, particularly the research of agricultural pest insects (A); representative of Georgian Revival style and the experimental and purpose-driven agricultural architecture trends for which BARC is significant (C)
468	400 Area	PG: 62-62	Laboratory "C" Annex	1934	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the Bureau of Entomology and Plant Quarantine – Entomology Research Division, particularly the research of agricultural pest insects (A); representative of the experimental and purpose-driven agricultural architecture trends for which BARC is significant (C)

Building#	Cluster	MIHP#	Building Name	Construction Date	NRHP Eligibility	Notes
469-1	400 Area	N/A	Laboratory	1969	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Bureau of Entomology and Plant Quarantine – Entomology Research Division (A); intact example of research-related architecture that contributes to the overall landscape (C)
470	400 Area	PG:62-63	Entomology Greenhouse	1934	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the Bureau of Entomology and Plant Quarantine – Entomology Research Division (A); Representative of the Georgian Revival style and experimental and purpose-driven agricultural architecture trends for which BARC is significant (C)
470B	400 Area	PG:62-64	Quonset Insecticide Storage Building	1962	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Bureau of Entomology and Plant Quarantine – Entomology Research Division (A); intact example of Quonset Hut style and experimental and purpose driven architecture for which BARC is significant, and contributes to the overall landscape (C)
472	400 Area	PG:62-51	Spray Mixing Shed	1950	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Bureau of Entomology and Plant Quarantine – Entomology Research Division Forest Insect Station (A); intact example of experimental and purpose driven architecture for which BARC is significant, and contributes to the overall landscape (C)
473-474	400 Area	PG:62-52	Mushroom Houses	1934	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the Bureau of Entomology and Plant Quarantine – Entomology Research Division, particularly investigation of mushroom pest insects (A); representative of the experimental and purpose-driven agricultural architecture trends for which BARC is significant (C)
475	400 Area	PG:62-53	Mushroom House	1957	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Bureau of Entomology and Plant Quarantine – Entomology Research Division, particularly regarding investigation of mushroom pest insects (A); intact example of experimental and purpose driven architecture for which BARC is significant (C)

Building#	Cluster	MIHP#	Building Name	Construction Date	NRHP Eligibility	Notes
476	400 Area	PG:62-54	Entomology Laboratory A	1935	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the Bureau of Entomology and Plant Quarantine – Entomology Research Division, particularly the mission of the Division of Bee Culture (A); representative of the experimental and purpose-driven agricultural architecture trends for which BARC is significant (C)
485	400 Area	PG:62-55	Storage Shed	1940	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the Bureau of Entomology and Plant Quarantine – Entomology Research Division, particularly the mission of the Division of Bee Culture (A); representative of the experimental and purpose-driven agricultural architecture trends for which BARC is significant (C)
487-1, 487-2, and 488	400 Area	PG:62-66	Walk-In-Boxes	1959	Contribute to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the Bureau of Entomology and Plant Quarantine – Entomology Research Division (A); intact examples of experimental and purpose driven architecture for which BARC is significant (C)
1002	1000 Area	PG:67-50	Feed Barn	1938	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the BDI (A); representative of the experimental and purpose-driven agricultural architecture trends for which BARC is significant (C)
1005	1000 Area	PG:67-51	Pen Barn	1938	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the BDI (A); representative of the experimental and purpose-driven agricultural architecture trends for which BARC is significant (C)
1052	1000 Area	PG:67-52	Chemical Storage Building	1940	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the BAI, particularly the Animal Parasite Field Station (later the Animal Disease Station and then the Animal Parasitology Institute) (A); representative of the experimental and purpose-driven agricultural architecture trends for which BARC is significant (C)

Building#	Cluster	MIHP#	Building Name	Construction Date	NRHP Eligibility	Notes
1053	1000 Area	PG:67-53	Storage Building	1935	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the BAI particularly the Animal Parasite Field Station (later the Animal Disease Station and then the Animal Parasitology Institute) (A); representative of the experimental and purpose-driven agricultural architecture trends for which BARC is significant (C)
1054	1000 Area	N/A	Storage Building	1961	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the BAI (A); intact example of experimental and purpose driven architecture for which BARC is significant and contributes to the overall landscape (C)
1062	1000 Area	PG:67-54	Horse and Cattle Barn	1934	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the BAI (A); representative of the experimental and purpose-driven agricultural architecture trends for which BARC is significant (C)
1063 and 1064	1000 Area	PG:67-55	Horse and Cattle Barns	1934	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the BAI (A); representative of the experimental and purpose-driven agricultural architecture trends for which BARC is significant (C)
1070	1000 Area	PG:67-63	Superintendent's House	1935	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the BAI (A); representative of the Georgian Revival Style that provided BARC's overall design aesthetic (C)
1071	1000 Area	PG:67-63	Superintendent's Garage	1935	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the BAI (A); representative of the Georgian Revival Style that provided BARC's overall design aesthetic (C)
1072	1000 Area	N/A	Foreman's Residence/ Office	1935	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the BAI, particularly the Animal Disease Station (A); representative of the Georgian Revival Style that provided BARC's overall design aesthetic (C)
1073	1000 Area	PG:67-64	Foreman's House Garage	1935	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the BAI, particularly the Animal Disease Station (A); representative of the Georgian Revival Style that provided BARC's overall design aesthetic (C)

Building#	Cluster	MIHP#	Building Name	Construction Date	NRHP Eligibility	Notes
1092	1000 Area	N/A	Water Pumping House, Well 9	1938	Contributes to BARC Historic District under Criteria A and C	Associated with research mission of the BAI (A); representative of the experimental and purpose-driven agricultural architecture trends for which BARC is significant (C)
1100	1000 Area	PG:67-56	Parasitological Laboratory	1936	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the BAI, particularly the Division of Animal Husbandry (A); representative of the experimental and purpose-driven agricultural architecture trends for which BARC is significant (C)
1104	1000 Area	PG:67-57	Field Pen	1935	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the BAI (A), particularly small animal experimentation; representative of the experimental and purpose-driven agricultural architecture trends for which BARC is significant (C)
1120	1000 Area	PG:67-58	Pathological Laboratory	1945	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the BAI, particularly the Division of Animal Husbandry (A); intact example of experimental and purpose driven architecture for which BARC is significant (C)
1183	1000 Area	PG:67-60	Water Pumping House, Well 10	1938	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the BAI, particularly non-irrigated-field-based research efforts (A); modest representation of the Georgian Revival Style that provided BARC's overall design aesthetic (C)
1205	1000 Area	N/A	Animal Pen	1972	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the BAI (A); intact example of experimental and purpose driven architecture for which BARC is significant (C)
1287, 1289, and 1292	N/A	PG:67-61	Poultry Laboratory	1952	Contribute to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the BAI, specifically as poultry laboratories within the Bureau of Animal Husbandry (A); intact examples of experimental and purpose driven architecture for which BARC is significant (C)
1288	N/A	N/A	Laboratory	1968	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the BAI (A); intact example of experimental and purpose driven architecture for which BARC is significant (C)



<b>Building#</b>	<b>Cluster</b>	<b>MIHP#</b>	<b>Building Name</b>	<b>Construction Date</b>	<b>NRHP Eligibility</b>	<b>Notes</b>
1328 and 1329	N/A	PG:67-65	Colony Brooder Houses	Ca. 1945	Contribute to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the BAI, particularly investigations of cures for infectious diseases among poultry (A); intact examples of experimental and purpose driven architecture for which BARC is significant (C)
1330	N/A	N/A	Storage Shed	1940	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the BAI (A); intact example of experimental and purpose driven architecture for which BARC is significant (C)
1390	N/A	N/A	Storage	1972	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the BAI (A); intact example of experimental and purpose driven architecture for which BARC is significant (C)
1422	N/A	PG:67-66	Swine Research Laboratory	1945	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the BAI, particularly swine research (A); intact example of experimental and purpose driven architecture for which BARC is significant (C)
1425	N/A	PG:67-67	Swine Products Barn	1945	Contributes to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the BAI, particularly swine research (A); intact example of experimental and purpose driven architecture for which BARC is significant (C)

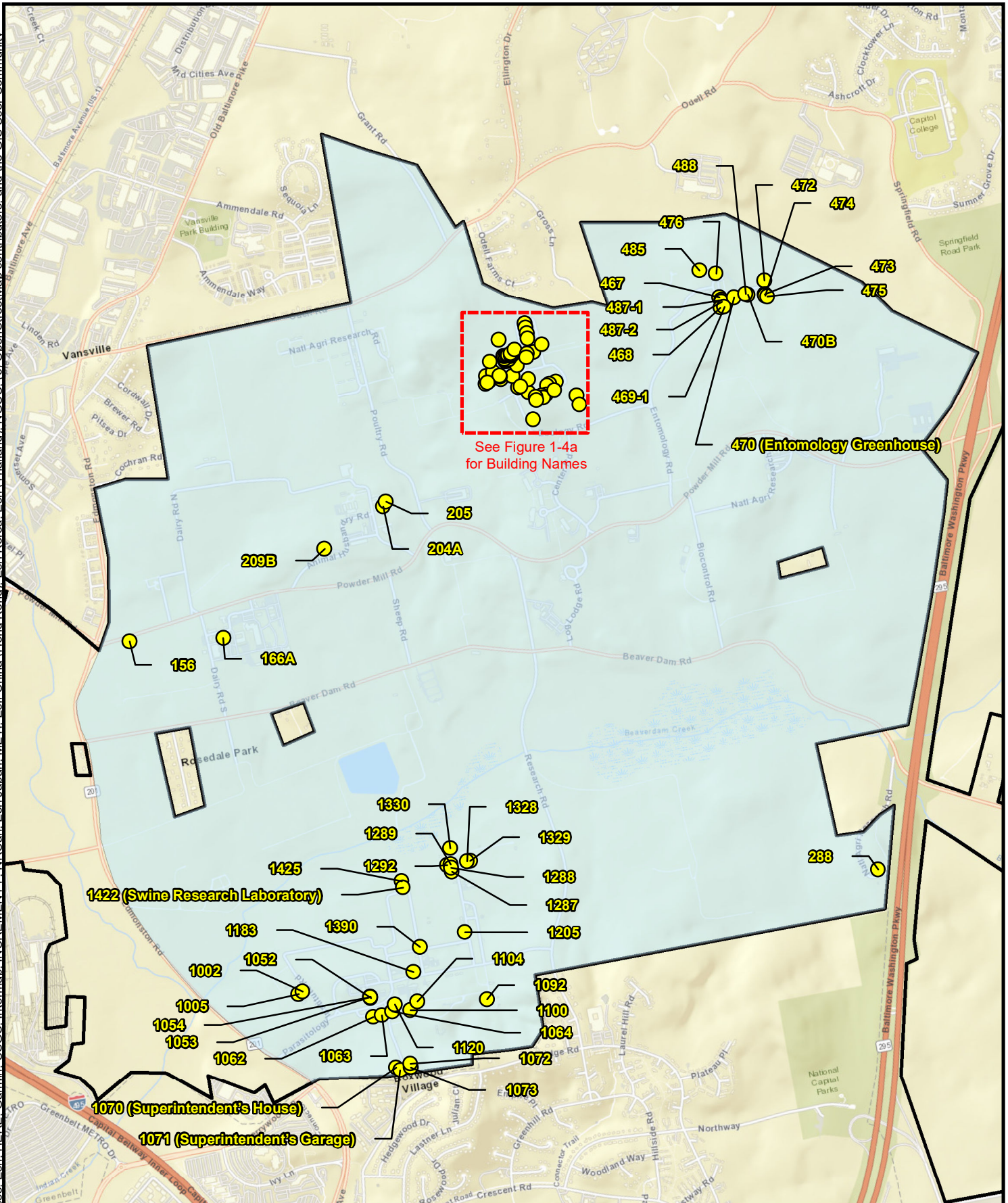


Figure 1-4  
 Overview of Central Farm  
 USDA  
 Beltsville Agricultural  
 Research Center  
 Buildings and Farms





## V. East Farm

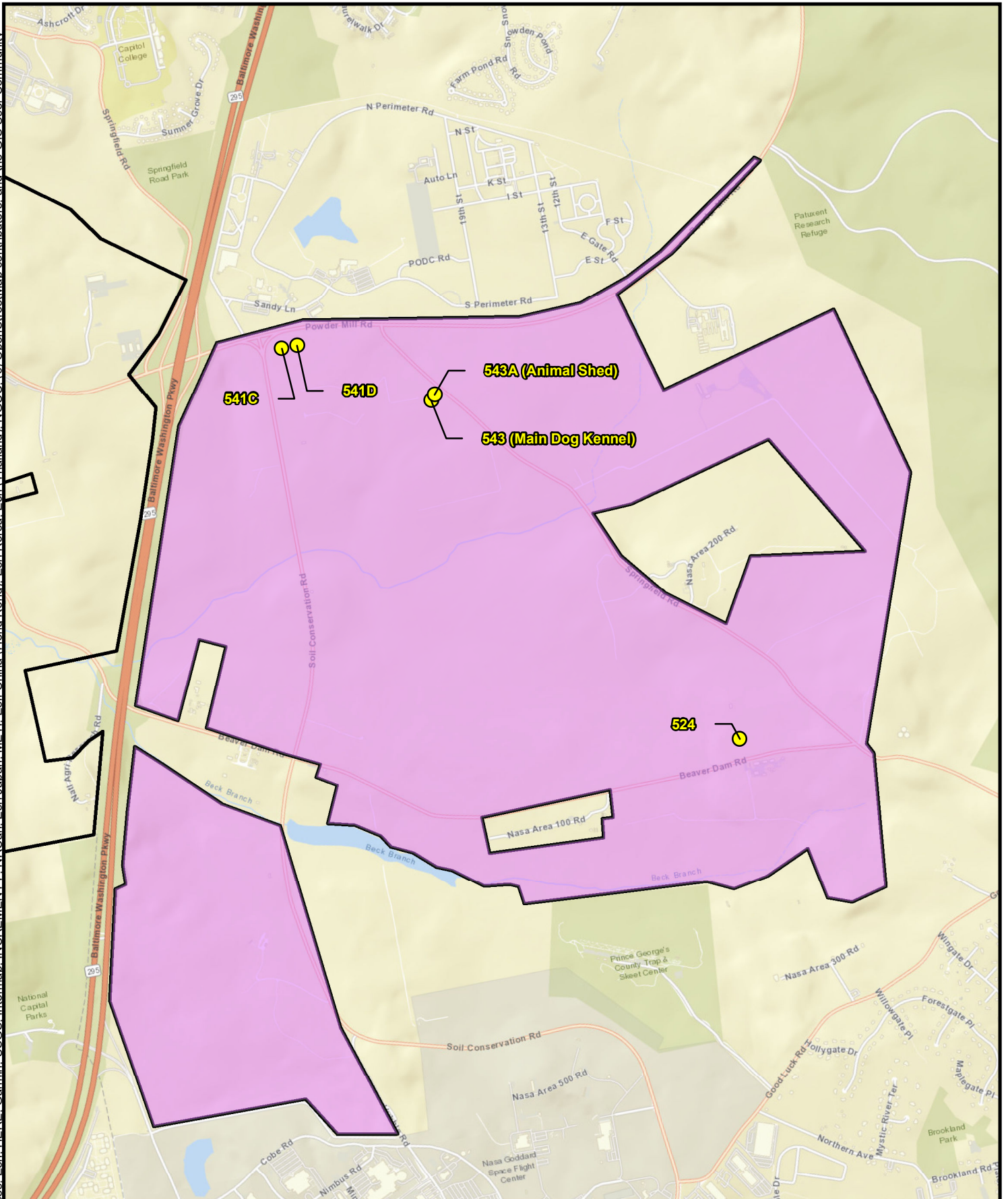
USDA acquired the approximately 2,225-acre East Farm in the 1930s “for the Bureau of Animal Husbandry and other agencies, including the Soil Conservation Service” (Farris 2017a). Though large in size, the East Farm has only scattered clusters of built resources. Like the Central Farm, the East Farm is significant under NRHP Criterion A for its associations with “events related to long standing agricultural research on a national level and...events and federal programs initiated under the New Deal.” Under NRHP Criterion C, it was developed following a professionally designed master plan and exhibits similar landscape characteristics to the rest of the BARC campus.

The East Farm consists of two tracts bisected by Beaver Dam Creek and private property. It is characterized by a “network of access and service roads, field crops, grazing pastures, and buffer forests” along with 55 buildings or structures in eight primary cluster groups (Robinson & Associates, et al. 1998). Its existence as a planned landscape began in 1934 when the Division of Animal Husbandry, part of the BAI, “produced two land use plans under the direction of division chief E.W. Sheets” (Robinson & Associates, et al. 1998). The Swine Investigation Area, where several of the buildings proposed for demolition are located, was established after 1939 with the majority of the hog houses (i.e. Buildings 541C and 541D) constructed in 1942. Other resources within the farm proposed for demolition include a dog kennel and auxiliary building (Buildings 543 and 543A) as well as a former gas station (Building 524) (Figure 1-5; Table 5).

**Table 5: East Farm Resources**

<b>Building#</b>	<b>MIHP#</b>	<b>Building Name</b>	<b>Construction Date</b>	<b>NRHP Eligibility</b>	<b>Notes</b>
524	PG:64-22	Gas Station	1933	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC and research mission of the BAI (A); example of experimental and purpose driven architecture for which BARC is significant (C)
541C and 541D	PG:64-24	Hog Houses	1942	Contribute to BARC Historic District under Criteria A and C	Associated with broadening of research endeavors within the BAI (A); intact examples of experimental and purpose driven architecture for which BARC is significant (C)
543	PG:64-25	Main Dog Kennel	1939	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC, research mission of the BAI, and the Army K-9 Corps during World War II (A); example of experimental agricultural architecture for which BARC is significant (C)
543A	PG:64-25	Animal Shelter	1939	Contributes to BARC Historic District under Criteria A and C	Associated with PWA and CCC activities at BARC, research mission of the BAI, and the Army K-9 Corps during World War II (A); example of experimental agricultural architecture for which BARC is significant (C)





- BARC Boundary
- East Farm
- Buildings

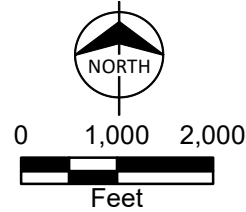


Figure 1-5  
Overview of East Farm  
USDA  
Beltsville Agricultural  
Research Center  
Buildings and Farms

## REFERENCES

Farris, Lorin

2017a *Addendum to Maryland Historical Trust Maryland Inventory of Historic Properties Form.* Prepared by AECOM. March 17, 2017.

2017b *Maryland Historical Trust Determination of Eligibility Form: Building 085: Granary, BARC.* PG:67-45. Copy on file at the Maryland Historical Trust.

P.A.C. Spero & Company

1998 *1998 Maryland Historical Trust Determination of Eligibility Form, Beltsville Agricultural Research Center (PG:62-14).* October 1, 1998. Copy on file at MHT.

Robinson & Associates, Inc. and Rhodeside & Harwell, Inc.

1998 *Final Submittal: Historic Site Survey, Beltsville Agriculture Research Center, Beltsville, Maryland.* Prepared for USDA ARS. Contract No. 53-3K15-5-9071. Task Order Number 14.

**Consulting Party List**

<b>Business/Organization</b>	<b>Contact</b>	<b>Email / Phone Number</b>	<b>Address</b>	<b>Letter/Email Sent</b>	<b>Response</b>	<b>Notes</b>
Accohannock Indian Tribe, Inc.	Mr. Mike Hinman, Tribal Council Chair/ Tribal Historian	<del>Accohannock@verizon.net</del> 410-968-0194 410-603-6197 410-623-2660	28280 Crisfield Marion Road Marion Station, MD 21838  PO Box 728 Crisfield, MD 21817	11/19/2021 (Email and Letter Sent)  Letter received – 12/13/2021		
	Pat Carson, Tribal Co-Chairman, Treasurer	pat_carson12@msn.com 443-783-0538 410-623-2660	28280 Crisfield Marion Road Marion Station, MD 21838	11/19/2021 (Email and Letter Sent)		Letter can't be delivered because Pat Carson moved and did not leave a new address
Choptico Band of Indians	Mr. Rico Newman, Historic Preservation Officer	rico.newman@gmail.com 301-744-9553	3953 Pine Cone Circle Waldorf, MD 20602	11/19/2021 (Email and Letter Sent)  Letter received – 11/26/2021		
	Barry Wilson, Appointed Speaker	barrywilson51@gmail.com 301-932-4383	PO Box 126 White Plains, MD 20695	11/19/2021 (Email and Letter Sent)  Letter received – 11/26/2021		
Conoy Creations, American Indian Cultural Center	Natalie Standing-on-the-Rock Proctor	piscatawayindians@gmail.com info@piscatawayindians.com 240-640-7213	16816 Country Ln Waldorf, MD 20601	11/19/2021 (Email and Letter Sent)		
Delaware Nation	Deborah Dotson, Tribal President	ddotson@delawarenation.com 405-247-2448, ext. 1101 405-247-9393 fax	Mailing address: PO Box 825 Anadarko, OK 73005  Physical address: Delaware Nation 31064 US Highway 281 Building 100 Anadarko, OK 73005	11/19/2021 (Email and Letter Sent)  Letter received – 11/23/2021		
	Ms. Erin Paden, Director, Historic Preservation Office	epaden@delawarenation-nsn.gov 405-247-2448, ext. 1403 405-247-8905 fax	PO Box 825 Anadarko, OK 73005  Physical address: Delaware Nation 31064 US Highway 281 Building 100 Anadarko, OK 73005	11/19/2021 (Email and Letter Sent)  Letter received – 11/23/2021		
	Ms. Dana Kelly	dkelly@delawarenation-nsn.gov	PO Box 825 Anadarko, OK 73005  Physical address: Delaware Nation 31064 US Highway 281 Building 100 Anadarko, OK 73005	11/19/2021 (Email and Letter Sent)  Letter received – 11/30/2021		
Delaware Tribe of Indians	Attn: Acting Chief, Brad Kills Crow	bkillscrow@delawaretribe.org 918-337-6590 918-337-6591 Fax	5100 Tuxedo Blvd Bartlesville, OK 74006	11/19/2021 (Email and Letter Sent)		

**Consulting Party List**

<b>Business/Organization</b>	<b>Contact</b>	<b>Email / Phone Number</b>	<b>Address</b>	<b>Letter/Email Sent</b>	<b>Response</b>	<b>Notes</b>
				Letter received – 11/30/2021		
	Ms. Susan Bachor, Historic Preservation Representative	susan.bachor.tribal@gmail.com smbachor@gmail.com sbachor@esu.edu <a href="mailto:sbachor@delawaretribe.org">sbachor@delawaretribe.org</a> 610-761-7452	Delaware Tribe Historic Preservation, Pennsylvania Office, PO Box64, Pocono Lake, PA 18347	11/19/2021 (Email and Letter Sent)		
Maryland Commission on Indian Affairs	Mr. E. Keith Colston, Administrator	keith.colston@maryland.gov 410-697-9278 443-631-3643 (cell)	301 W. Preston St, Ste 1500 Baltimore, MD 21201	11/19/2021 (Email and Letter Sent)  Letter received – 11/30/2021		
Maryland Historical Trust (MHT)	Beth Cole, Administrator, Project Review and Compliance	beth.cole@maryland.gov	Maryland Historical Trust Maryland Department of Planning 100 Community Place Crownsville, MD 21032	11/19/2021 (Email and Letter Sent)  Letter received – 11/29/2021	Accepted to be a consulting party	
	Elizabeth L. (Becky) Roman, Preservation Officer Project Review and Compliance	becky.roman@maryland.gov	Maryland Historical Trust Maryland Department of Planning 100 Community Place Crownsville, MD 21032	11/19/2021 (Email and Letter Sent)  Letter received – 12/1/2021	Accepted to be a consulting party	
Maryland Indian Tourism Association (MITA)	Mr. Rico Newman, Choptico Band of Indians	301-744-9553	P.O. Box 1734 Hyattsville, MD 20788	11/19/2021 (Letter Sent)  Letter received – 11/29/2021		
Maryland Milestones Heritage Center	Meagan Baco, Executive Director	meagan@anacostiatrails.org info@marylandmilestone.org 301-887-0777	4318 Gallatin St Hyattsville, MD 20781	11/19/2021 (Email and Letter Sent)	12/1/21 Accepted to be a consulting party	
	Kirstin Falk, Heritage Programs Project Manager	kirstin@anacostiatrails.org	4318 Gallatin St Hyattsville, MD 20781	11/19/2021 (Email and Letter Sent)	12/1/21 Accepted to be a consulting party	
National Agricultural Library	Paul Wester, Director	paul.wester@usda.gov 301-504-5248 301-504-5755	10301 Baltimore Ave Beltsville, MD 20705	11/19/2021 (Email and Letter Sent)  Letter received – 11/29/2021	12/8/21 Accepted to be a consulting party	
	Scott Hanscom, Deputy Director	<a href="mailto:scott.hanscom@usda.gov">scott.hanscom@usda.gov</a> 301-504-6999	10301 Baltimore Ave Beltsville, MD 20705	11/19/2021 (Email and Letter Sent)  Letter received – 11/29/2021		
	Sandy Jackson, Administration office	<a href="mailto:sandy.jackson@usda.gov">sandy.jackson@usda.gov</a> 301-504-5574	10301 Baltimore Ave Beltsville, MD 20705	11/19/2021 (Email and Letter Sent)  Letter received – 11/29/2021		



**Consulting Party List**

<b>Business/Organization</b>	<b>Contact</b>	<b>Email / Phone Number</b>	<b>Address</b>	<b>Letter/Email Sent</b>	<b>Response</b>	<b>Notes</b>
National Capital Planning Commission	Lee Webb, Federal Preservation Officer	202-482-7200 lee.webb@ncpc.gov	401 9 <sup>th</sup> St, NW Suite 500N Washington DC, 20004	11/19/2021 (Email and Letter Sent)  Letter received – 11/29/2021		
Piscataway Indian Nation	Piscataway Indian Nation	Info@piscatawayindians.com  301-932-0808 (301) 735-5556 (fax)	16816 Country Ln, Waldorf, MD 20601  OLD ADDRESSES: 8105 Zachary Road Port Tobacco, MD 20677  PO Box 312 Port Tobacco, MD 20677	11/19/2021 (Email and Letter Sent)		11/2/21 Chief Billy Red Wing Tayac died September 2021, added additional address <a href="https://www.piscatawayindians.com/contact">https://www.piscatawayindians.com/contact</a>
Piscataway-Conoy Tribe of Maryland (PCT)	Tribal Council c/o Ms. Diana Harley-Penny	240-210-3232 301-609-9317 (fax)	PO Box 638 Bryans Road, MD 20616	11/19/2021 (Letter Sent)  Letter received – 12/3/2021		
	Natalie Standing-on-the-Rock Proctor, Tribal Chair Cedarville Band of Piscataway Indians	piscatawayindians@gmail.com info@piscatawayindians.com natalie@piscatawayindians.org piscatawayindians@yahoo.com 240-640-7213	16816 Country Ln Waldorf, MD 20601	11/19/2021 (Email and Letter Sent)  Letter received – 12/3/2021		
Prince George's County Historical Society	Donna Schneider (President)	info@pghistory.org 301-220-0330 donna.schneider@exim.gov	Prince George's County Historical Society PO Box 1513 Upper Marlboro, MD 20773	11/19/2021 (Email and Letter Sent)  Letter received – 11/30/2021		
Prince George's County Maryland Planning Department	Howard Berger, Supervisor – Historic Preservation	howard.berger@ppd.mncppc.org 301-952-4712 240-573-2716 (teams mobile)	14741 Governor Oden Bowie Dr, County Administration Building Upper Marlboro, MD 20772	11/19/2021 (Email and Letter Sent)  Letter received – 12/1/2021		
	Andree Green Checkley, Planning Director	andree.checkley@ppd.mncppc.org 240-524-8406 301-952-3595 (teams mobile)	14741 Governor Oden Bowie Dr, County Administration Building Upper Marlboro, MD 20772	11/19/2021 (Email and Letter Sent)  Letter received – 11/29/2021		
	Derick Berlage, Acting Deputy Director	derick.berlage@ppd.mncppc.org 301-952-3594 240-545-8117 (teams mobile)	14741 Governor Oden Bowie Dr, County Administration Building Upper Marlboro, MD 20772	11/19/2021 (Email and Letter Sent)  Letter received – 12/1/2021		

**Consulting Party List**

<b>Business/Organization</b>	<b>Contact</b>	<b>Email / Phone Number</b>	<b>Address</b>	<b>Letter/Email Sent</b>	<b>Response</b>	<b>Notes</b>
	Jennifer A. Stabler, PhD, Archeology Master Planner	jennifer.stabler@ppd.mnppc.org 301-952-5595 240-573-2726 (teams mobile)	14741 Governor Oden Bowie Dr, Upper Marlboro, MD 20772	11/19/2021 (Email and Letter Sent)  Letter received – 12/1/2021		
	Tyler Smith, Senior Planner	tyler.smith@ppd.mncppc.org 301-952-5902 240-545-5128 (teams mobile)	14741 Governor Oden Bowie Dr, Upper Marlboro, MD 20772	11/19/2021 (Email and Letter Sent)  Letter received – 12/1/2021		

**From:** [Costello, Lydia](#)  
**To:** [Costello, Lydia](#)  
**Subject:** [External Email]Consulting Parties Letter of Invitation - Beltsville  
**Date:** Wednesday, May 11, 2022 4:33:02 PM  
**Attachments:** [20211201145117671.pdf](#)

---

From: Irechukwu, Chizo <chizo.irechukwu@usda.gov>  
Sent: Thursday, December 2, 2021 6:59 AM  
To: Harris, Brandy M <bmharris@burnsmcd.com>  
Cc: Cannon-Mackey, Shari <scannonmackey@burnsmcd.com>  
Subject: FW: [External Email]Consulting Parties Letter of Invitation - Beltsville

Good morning Brandy,

I received the attached and below email. Sending it to you for your information and documentation.

Thanks  
Chizo

Chizo Irechukwu  
Asset and Facilities Manager  
p. 301-440-1413  
Chizo.Irechukwu@usda.gov

Agricultural Research Service | North East Area Beltsville Agricultural Research Center | Facilities Services  
10300 Baltimore Ave, Bldg. 426, Beltsville, MD 20705

-----Original Message-----

From: Kirstin Falk [<mailto:kirstin@anacostiatrails.org>]  
Sent: Wednesday, December 1, 2021 6:03 PM  
To: Irechukwu, Chizo <chizo.irechukwu@usda.gov>  
Cc: Meagan Baco <meagan@anacostiatrails.org>  
Subject: [External Email]Consulting Parties Letter of Invitation - Beltsville

[External Email]

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To Whom it May Concern,

In response to the November 19, 2021, Consulting Parties Letter of Invitation for the Surplus Building Demolition Initiative at the Beltsville Agricultural Research Center, Prince George's County, Maryland, please accept this email as confirmation of Maryland Milestones/Anacostia Trails Heritage Area's (MM/ATHA) interest in becoming a consulting party to the ongoing Section 106 process. The letter of invitation, addressed to MM/ATHA Executive Director Meagan Baco, is attached for reference.

The Beltsville Agricultural Research Center is located within the existing boundaries of MM/AHTA. As the Maryland State Heritage Area located within Prince George's County, MM/ATHA has significant interest in the

proposed undertaking and appreciates the opportunity to participate, as a consulting party, in the continuation of the 106 process and the development of a PA.

I will look for additional communication from the Department of Agriculture and/or their consultants regarding next steps.

Sincerely,

Kirstin Falk  
Heritage Programs Project Manager  
MARYLAND MILESTONES  
Anacostia Trails Heritage Area, Inc.  
kirstin@anacostiatrails.org

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**From:** [Costello, Lydia](#)  
**To:** [Costello, Lydia](#)  
**Subject:** RE: Consulting Parties Invitation - BARC  
**Date:** Wednesday, May 11, 2022 4:38:03 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)

---

**From:** Irechukwu, Chizo <[chizo.irechukwu@usda.gov](mailto:chizo.irechukwu@usda.gov)>  
**Sent:** Wednesday, December 8, 2021 10:13 AM  
**To:** Harris, Brandy M <[bmharris@burnsmcd.com](mailto:bmharris@burnsmcd.com)>  
**Cc:** Cannon-Mackey, Shari <[scannonmackey@burnsmcd.com](mailto:scannonmackey@burnsmcd.com)>  
**Subject:** FW: RE: Consulting Parties Invitation - BARC

Hi Brandy,

Please see the below email.

Thanks  
Chizo

**Chizo Irechukwu**  
**Asset and Facilities Manager**  
p. 301-440-1413  
[Chizo.Irechukwu@usda.gov](mailto:Chizo.Irechukwu@usda.gov)



Agricultural Research Service | North East Area  
Beltsville Agricultural Research Center | Facilities Services  
10300 Baltimore Ave, Bldg. 426, Beltsville, MD 20705

---

**From:** Wester, Paul - ARS  
**Sent:** Wednesday, December 8, 2021 11:11 AM  
**To:** Irechukwu, Chizo <[chizo.irechukwu@usda.gov](mailto:chizo.irechukwu@usda.gov)>  
**Cc:** Hanscom, Scott <[scott.hanscom@usda.gov](mailto:scott.hanscom@usda.gov)>  
**Subject:** RE: Consulting Parties Invitation - BARC

Dear Chizo,  
Responding to your letter of November 19, 2021, I would like to be a consulting party for the

“Surplus Building Demolition Initiative” at BARC.

Thank you for your consideration.

Paul



**Paul M. Wester, Jr.**

**(he/him/his)**

**Director, National Agricultural Library**

United States Department of Agriculture

Agricultural Research Service

10301 Baltimore Avenue – Suite 204

Beltsville, Maryland 20705

Desk: 301-504-6694

Cell: 301-602-1468

[Paul.Wester@usda.gov](mailto:Paul.Wester@usda.gov)

<https://www.nal.usda.gov/>

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## Costello, Lydia

---

**From:** Costello, Lydia  
**Sent:** Thursday, June 2, 2022 10:21 AM  
**To:** Costello, Lydia  
**Subject:** FW: FW: USDA Beltsville Agricultural Research Center Consulting Party Invitation

---

**From:** Beth Cole - MHT <[beth.cole@maryland.gov](mailto:beth.cole@maryland.gov)>  
**Sent:** Monday, January 3, 2022 10:01 AM  
**To:** Harris, Brandy M <[bmharris@burnsmcd.com](mailto:bmharris@burnsmcd.com)>  
**Cc:** [becky.roman@maryland.gov](mailto:becky.roman@maryland.gov)  
**Subject:** Re: FW: USDA Beltsville Agricultural Research Center Consulting Party Invitation

Hi Brandy,

I don't see this entered into our project tracking database. Perhaps I was waiting for the hard copy submittal to code and log and we may never have gotten that. We're teleworking today and in the middle of a big snowstorm, so until I get back into the office, I can't figure out what is going on with this one. We've been in ongoing consultation over the last several years, so I don't think there is a problem with your ACHP submittal. Sorry for my confusion and we'll get it figured out this week for you. Have a good day and Happy new Year!

Beth

**To check on the status of a submittal, please use our online search:** <https://mht.maryland.gov/compliance/ComplianceLogSearch.aspx>.



**Beth Cole**  
Administrator, Project Review and Compliance  
Maryland Historical Trust  
Maryland Department of Planning  
100 Community Place  
Crownsville, MD 21032

[beth.cole@maryland.gov](mailto:beth.cole@maryland.gov) / 410-697-9541  
[MHT.Maryland.gov](http://MHT.Maryland.gov)  
[Please take our customer service survey](#)

On Mon, Jan 3, 2022 at 10:46 AM Harris, Brandy M <[bmharris@burnsmcd.com](mailto:bmharris@burnsmcd.com)> wrote:

Good morning Beth and Becky,

Hope you are well. I'm just checking in regarding this consulting party invitation and SHPO's participation. We are hoping to file a notification with the ACHP this week if at all possible.

Thanks!  
Brandy

---

**From:** Harris, Brandy M  
**Sent:** Friday, November 19, 2021 9:03 AM  
**To:** Beth Cole - MHT <[beth.cole@maryland.gov](mailto:beth.cole@maryland.gov)>; Becky Roman -MDP- <[becky.roman@maryland.gov](mailto:becky.roman@maryland.gov)>  
**Cc:** Costello, Lydia <[lcostello@burnsmcd.com](mailto:lcostello@burnsmcd.com)>; Cannon-Mackey, Shari <[scannonmackey@burnsmcd.com](mailto:scannonmackey@burnsmcd.com)>; Irechukwu, Chizo <[chizo.irechukwu@usda.gov](mailto:chizo.irechukwu@usda.gov)>; Howl, Bill <[bill.howl@usda.gov](mailto:bill.howl@usda.gov)>  
**Subject:** USDA Beltsville Agricultural Research Center Consulting Party Invitation

To Whom it May Concern:

The United States Department of Agriculture Agricultural Research Service (USDA ARS) is proposing demolition of 128 buildings at the Beltsville Agricultural Research Center (BARC) facility in Beltsville, Maryland. The entire BARC facility, recorded in the Maryland Inventory of Historic Places (MIHP) as PG:62-14, is a historic district determined eligible for inclusion in the National Register of Historic Places (NRHP) in 1998. The buildings and structures (i.e. corrals, retaining walls, etc.) slated for demolition are contributing elements of the NRHP district. As a result, their removal would constitute an adverse effect to the district under Section 106 of the National Historic Preservation Act (NHPA). The undertaking is also subject to review and compliance with the National Environmental Policy Act (NEPA).

As demolition and associated redevelopment plans have not been finalized, and thus the specific timing and nature of potential adverse effects to historic (NRHP-listed or eligible) properties is unknown, USDA ARS proposes development of a Programmatic Agreement (PA) pursuant to § 800.14 of Section 106 of the NHPA (54 U.S.C. § 306108) as codified in its implementing regulations at 36 CFR Part 800 to facilitate the surplus building removal and associated demolition and anticipated development activities at BARC. The PA is also mandated as per Stipulation II.B in the executed Memorandum of Agreement among USDA-ARS, the Maryland State Historic Preservation Office (SHPO), and the Advisory Council on Historic Preservation (ACHP), Regarding the Proposed Demolition of 12 Buildings at the Beltsville Agricultural Research Center executed on June 1, 2021. Specific mitigation stipulations for the 12 buildings will be included in the PA.

A brief description of the BARC historic district and the resources proposed for demolition is attached; however, due to the amount of relevant material, interactive mapping, photographs, Maryland Historical Trust Determination of Eligibility (MHT DOE) Forms, and previous surveys and studies of the campus and the subject buildings are being hosted at a website for your reference:



<https://www.ars.usda.gov/northeast-area/beltsville-md-barc/beltsville-agricultural-research-center/docs/barc-demolition-project/>

You will be receiving a hard copy of the attached letter, which requests coordination with your agency as a consulting party under Section 106 for development of a PA to account for adverse effects to the subject buildings and the BARC Historic District. Please respond to myself or Chizo Irechukwu at USDA with questions, requests to participate in the PA process, or to decline consulting party status.

Thanks for your consideration,  
Brandy

**Brandy Harris** \ Burns & McDonnell

Senior Cultural Resources Specialist

○ 737-263-2784 **NEW** \ M 512-558-2884

[bmharris@burnsmcd.com](mailto:bmharris@burnsmcd.com) \ [burnsmcd.com](http://burnsmcd.com)

8911 Capital of Texas Highway \ Building 3, Suite 3100 \ Austin, TX 78759

**NOTE: I will be on PTO November 22 through November 26**

**Agenda & Meeting Minutes from PA Meetings**

# Meeting Agenda



Meeting Subject: BARC 128 Buildings Demolition Section 106 Consultation Meeting  
Meeting Date: February 11, 2022  
Start Time: 11:00 AM (EST)  
End Time: 12:00 PM (EST)  
Location: Telecon/Teams

<u>Invitee</u>	<u>Organization</u>
Chizo Irechukwu	USDA-ARS
Bill Howl	USDA-ARS
Lisa Bynum	USDA-ARS
Claudette Joyner	USDA ARS
Shari Cannon-Mackey	Burns & McDonnell
Ryane Pearson	Burns & McDonnell
Brandy Harris	Burns & McDonnell
Dr. Andrew Gottsfield	Burns & McDonnell
Shannon Spurgeon	Burns & McDonnell
Lydia Costello	Burns & McDonnell
Heather Johnson	LSY Architects & Lab Planners
Beth Cole	Maryland Historical Trust
Becky Roman	Maryland Historical Trust
Alexis Clark	ACHP
Meagan Baco	Maryland Milestones Heritage Center
Kirstin Falk	Maryland Milestones Heritage Center
Paul West	National Agricultural Library

## Agenda:

Virtual consulting parties meeting to discuss development of Programmatic Agreement (PA) for proposed demolition of 128 buildings within the Beltsville Agricultural Research Center (BARC) Historic District (PG:62-14).

1. Introductions and identification of consulting parties
2. Summary of the Section 106 review process in relation to current undertaking
3. USDA-ARS goals for the proposed PA
4. Discussion of project background, development of areas of potential effect (APEs), and overview of historic properties subject to adverse effects
5. Discussion of current preservation and rehabilitation initiatives at BARC (Buildings 002, 005, 307, 308, and 434)
6. Open discussion and definition of next steps and action items

Beltsville  
Agricultural  
Research Center  
(BARC)  
Programmatic  
Agreement  
Development

Consulting Party  
Meeting #1

February 11, 2022



**Agricultural Research Service**

U.S. DEPARTMENT OF AGRICULTURE

# INTRODUCTIONS

## USDA-ARS

- Chizo Irechukwu, Real Property Section, Asset and Facilities Manager
- Claudette Joyner, Real Property Section, Realty Specialist
- Lisa Bynum, Real Property Section, Realty Specialist
- Bill Howl, Engineering Project Manager

## Burns & McDonnell

- Shari Cannon-Mackey, Project Manager and NEPA Lead
- Ryane Pearson, Project Manager
- Brandy Harris, Section 106 Lead
- Dr. Andrew Gottsfield, Archeologist
- Shannon Spurgeon, GIS
- Lydia Costello, Section 106 Support

## LSY Architects and Lab Planners

- Heather Johnson, Project Director

## Maryland State Historic Preservation Office

- Beth Cole, Administrator Project, Review and Compliance
- Becky Roman, Preservation Officer, Project Review and Compliance

## Advisory Council on Historic Preservation

- Alexis Clark, Historic Preservation Specialist

## Maryland Milestones Heritage Center

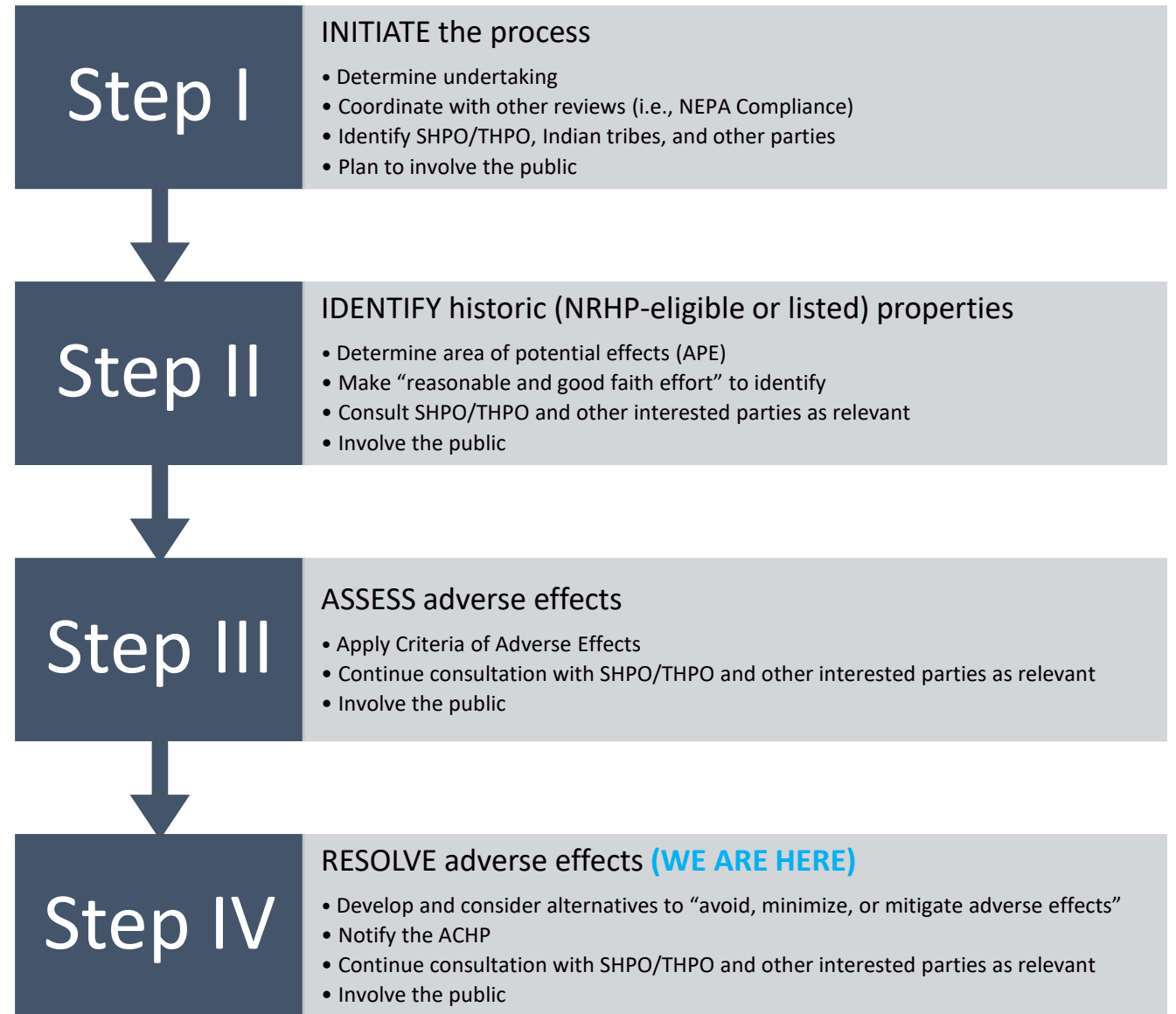
- Meagan Baco, Executive Director
- Kirstin Falk, Heritage Programs Project Manager

## National Agricultural Library

- Paul Wester, Director

# Section 106 Review Process

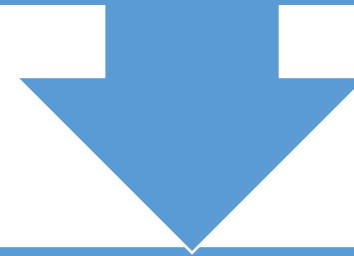
(36 CFR § 800.3-7)



# Criteria of Adverse Effect

36 CFR § 800.5(a)(1)

ADVERSE EFFECT—is found when an undertaking “may alter, directly or indirectly, any of the characteristics of a historic property that qualify the property” for NRHP inclusion “in a manner that would diminish the property’s integrity”



Examples relevant to subject undertaking:

Destruction or damage of all or part of a historic (NRHP-listed or eligible) property

Change in Use or Setting

# PROGRAMMATIC AGREEMENT VS. MEMORANDUM OF AGREEMENT

## *Programmatic Agreement*

- Used for multiple or complex undertakings (i.e., the larger demolition initiative):
  - Where effects to historic (NRHP-listed or eligible) properties cannot be determined in advance
  - For Federal programs that occur across a wide geographic area or time period
  - To support agency management activities
  - To tailor the Section 106 process to better fit with agency management or decision making

## *Memorandum of Agreement*

- Used for discrete undertaking with known beginning and end points
- Clearly defined action
- Adverse effects are understood
- Specific mitigation can be determined through consultation and agreed to in an agreement document



# USDA-ARS Goals for the Proposed Programmatic Agreement (PA)

USDA-ARS is seeking a larger programmatic solution to comprehensively address current and future demolition activities and to ensure that appropriate avoidance, minimization, and mitigation alternatives are implemented to resolve adverse effects on historic properties. As a result, USDA-ARS proposes to develop a Programmatic Agreement (PA) pursuant to § 800.14(b)(3) of the regulations implementing Section 106 of the NHPA (54 USC § 306108) for its larger demolition initiative at BARC.

The PA will include:

- efforts to identify and involve consulting parties;
- public outreach efforts;
- the process for development of APEs for specific undertakings;
- additional identification of archeological resources or other historic property types, where warranted;
- measures to avoid and minimize adverse effects on specific resources;
- mitigation measures for specific resources and/or activity types;
- implementation of public interpretation measures;
- the process for ongoing consultation among the Signatory and consulting parties during implementation of the PA;
- activities exempt from further consultation; and
- standard administrative clauses.



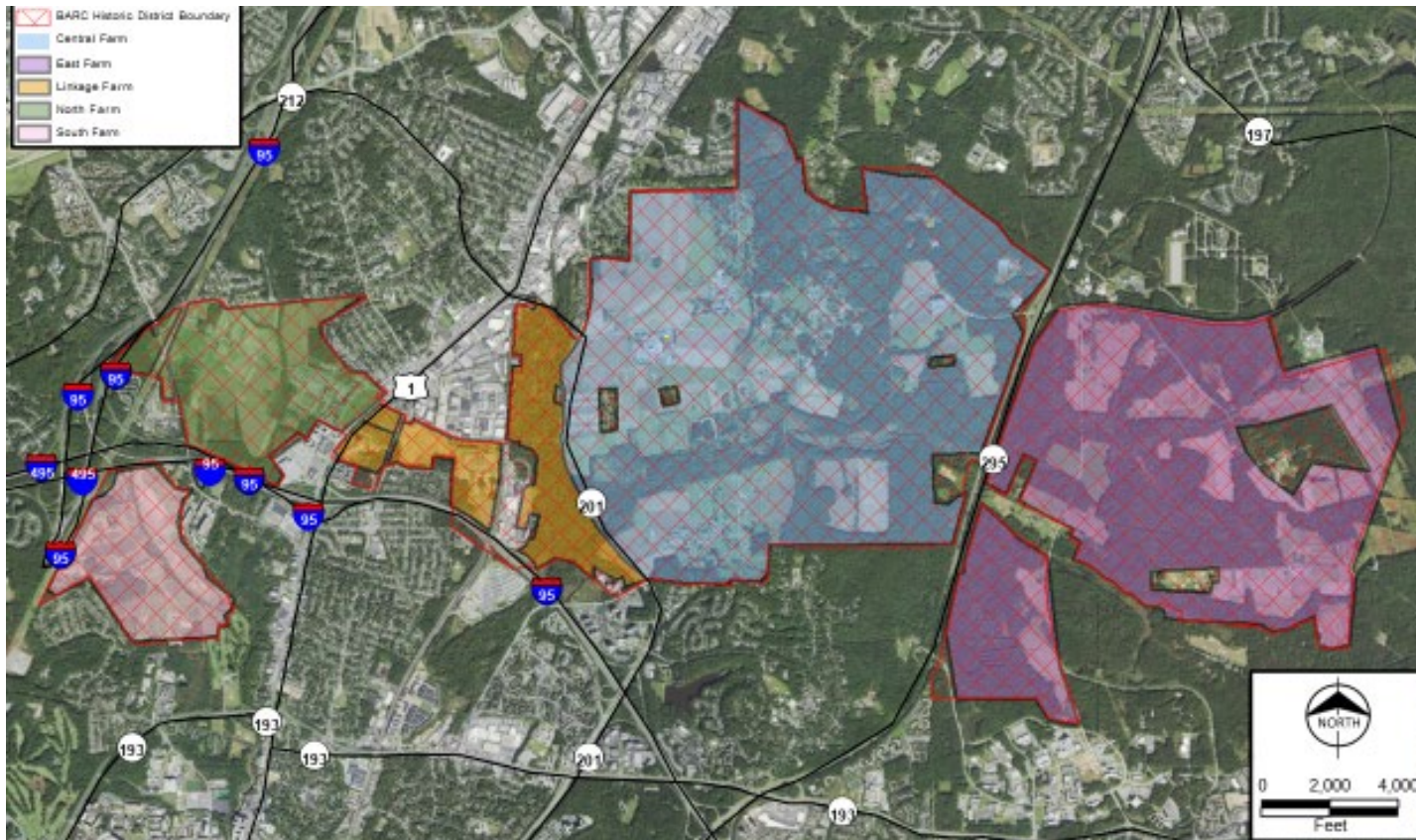
# Project Background

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- The entire BARC facility, recorded in the Maryland Inventory of Historic Places (MIHP) as PG:62-14, is a historic district determined eligible for inclusion in the National Register of Historic Places (NRHP) in 1998
- Proposed demolition of **128 buildings** is part of a larger effort to comply with a 2015 Executive Order (Reduce the Footprint Policy)
- As specifics, including timing, have yet to be determined, the PA would outline consultation and mitigation requirements by resource type and could include more comprehensive consideration of impacts to the designed landscape



# BARC NRHP HISTORIC DISTRICT MAP

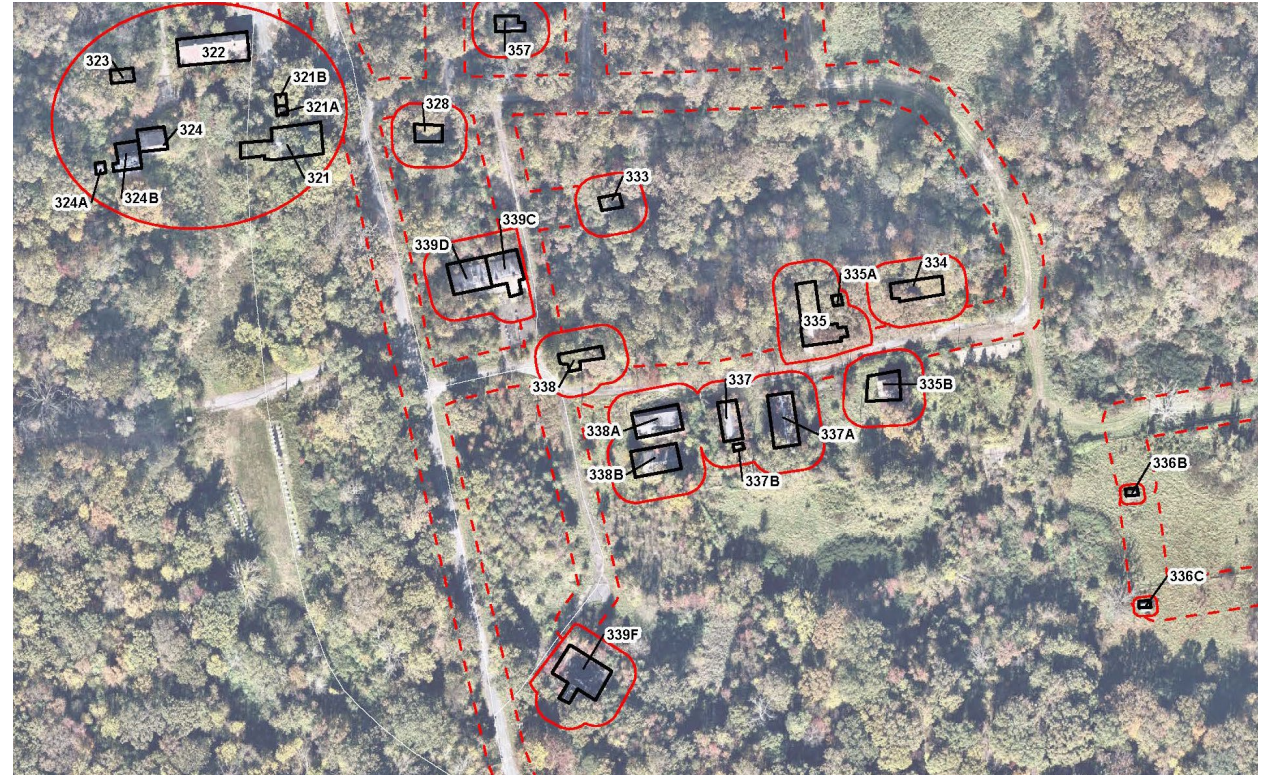


- NRHP boundaries encompass the entire 6,582-acre BARC campus
- **9 buildings** located in the North Farm (green)
- **1 building** located in the South Farm (red)
- **3 buildings** located in Linkage Farm (orange)
- **98 buildings** located in Central Farm (blue) + the **12 MOA buildings**
- **5 buildings** located in East Farm (purple)



# Area of Potential Affects (APE)

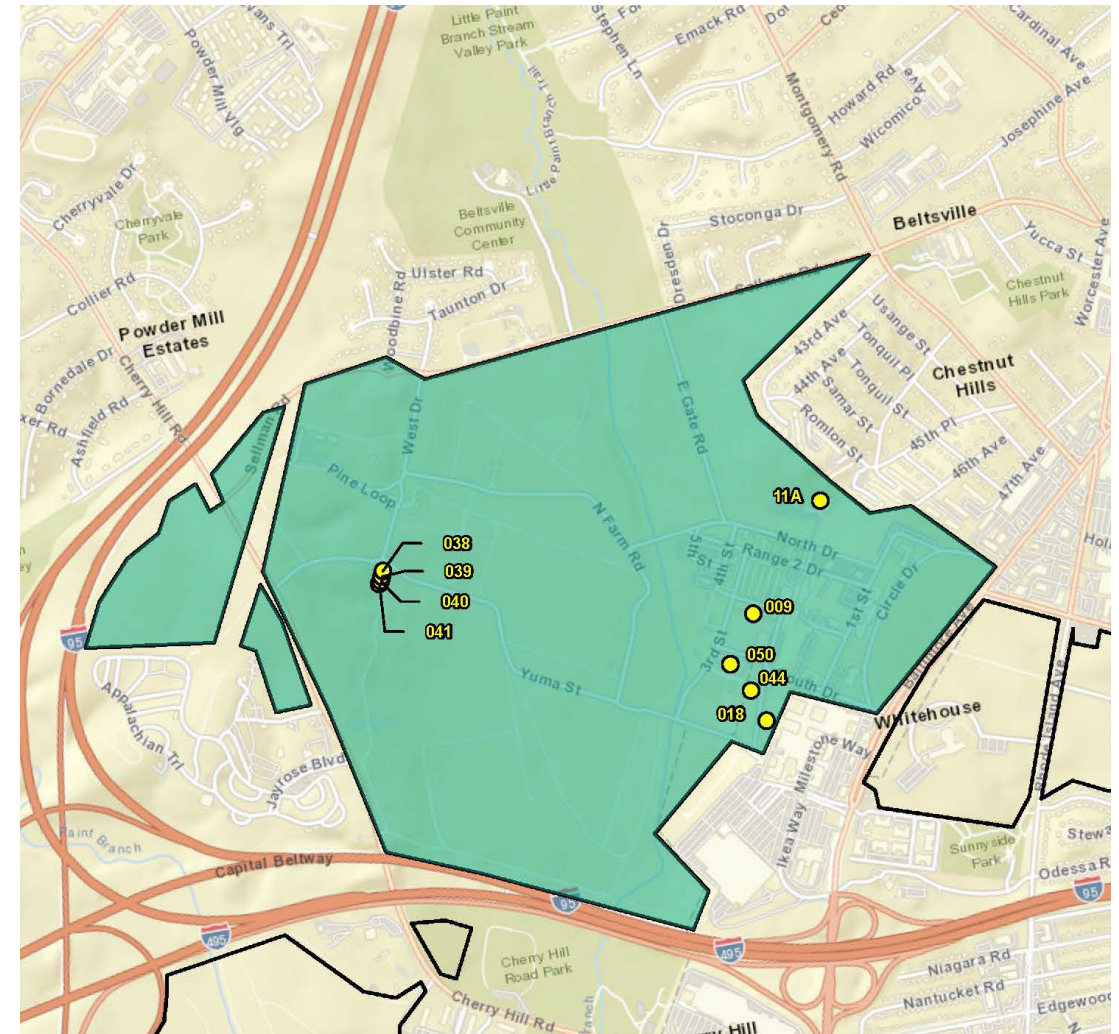
- The APE is presumed to include the footprint of the buildings slated for demolition plus a buffer to allow for the return of the surrounding land, as closely as possible, to pre-construction contours.
- The physical APE includes buffers around existing roads and proposed construction access roads, where applicable.
- In total, the assumed **physical APE** for building demolition includes approximately **20.78 acres**, and the **APE for access roads** includes approximately **20.56 acres**.
- If physical impacts are anticipated outside of these boundaries, additional consultation with consulting parties would be initiated to refine the physical APE prior to initiating demolition activities.
- The APE for **non-physical** effects comprises the boundaries of the **NRHP-eligible historic district**.





# North Farm

- **9 buildings** are located in the North Farm
- The North Farm includes **549 acres** initially acquired in 1933 and expanded in 1940 by the Bureau of Plant Industry (BPI).
- Building construction dates range from circa 1934 to 1974, and the resources maintain associations with the following historic themes:
  - Federal role in agricultural research
  - Experimental agricultural research
  - New Deal policies and programs
  - Experimental agricultural architecture
  - Georgian Revival architecture
  - Landscape architecture





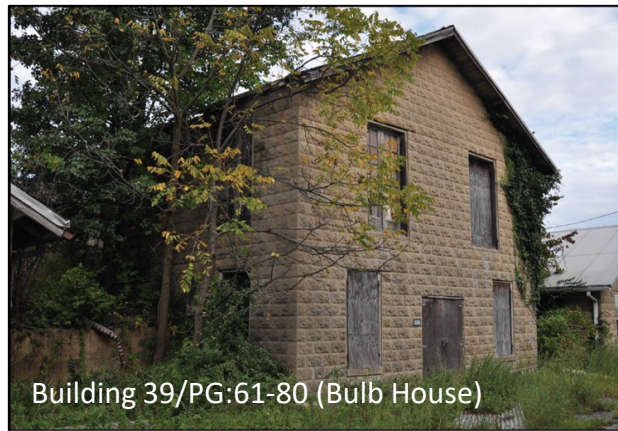
Representative  
Buildings of  
North Farm



Building 009/PG:61-17 (Range 3)



Building 18/PG:61-34 (Smallwood House)



Building 39/PG:61-80 (Bulb House)



Building 41/PG:61-81 (Fallout Shelter)



Building 11A/PG:61-87  
(Bioscience Research Building)

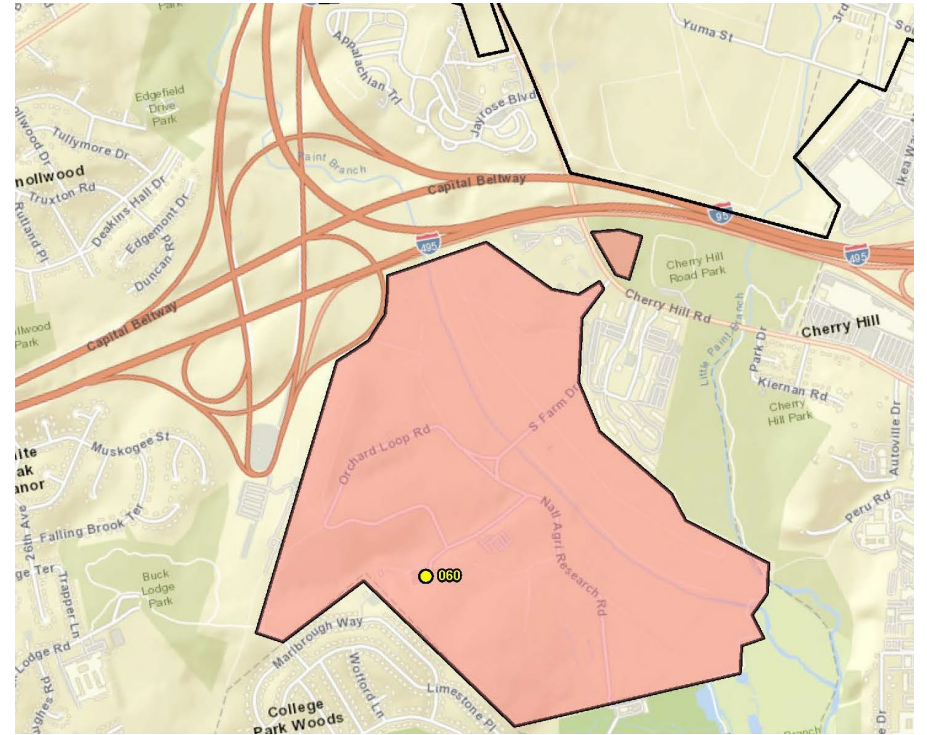


Building 50/PG:61-83  
(Headhouse with Greenhouse)



# South Farm

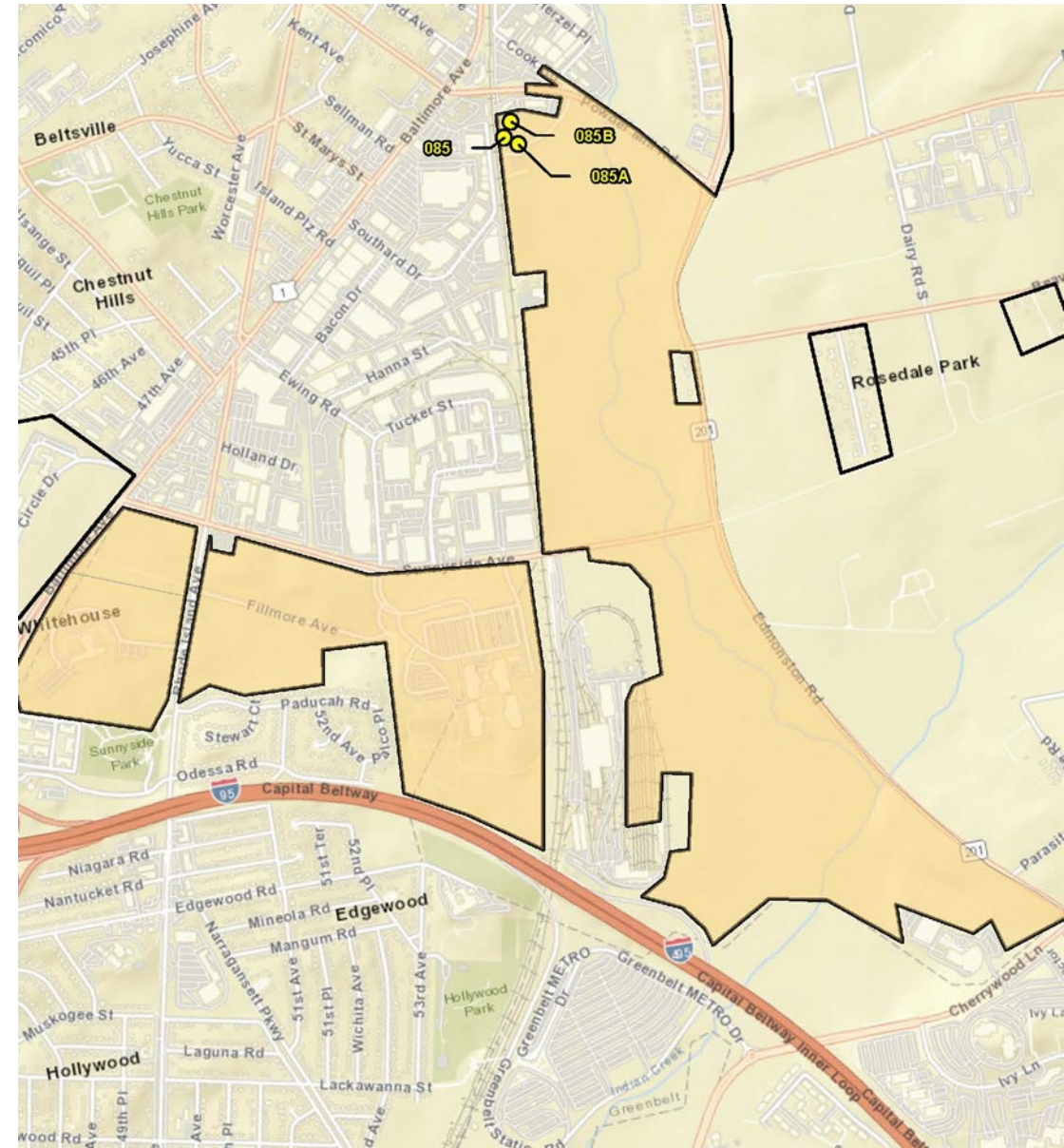
- **1 building** located in the South Farm
- The South Farm includes **367 acres** “open cultivated fields with a small number of farm buildings on land purchased by the Bureau of Plant Industry [BPI] between 1941 and 1943 for plant research” (Farris 2017a).
- Building 60 was constructed in 1942 and maintains associations with the following historic themes:
  - Federal role in agricultural research
  - Experimental agricultural research
  - Experimental agricultural architecture
  - Georgian Revival architecture





# Linkage Farm

- **3 buildings** located in the Linkage Farm
- The Linkage Farm includes two discontinuous tracts of approximately 310 acres and 150 acres respectively
- The buildings to be demolished in the Linkage Farm include a granary complex (ca. 1933-1950) located on the **150-acre tract**.
- Maintains associations with the following historic themes:
  - Federal role in agricultural research
  - Experimental agricultural research
  - Experimental agricultural architecture
  - New Deal policies and programs





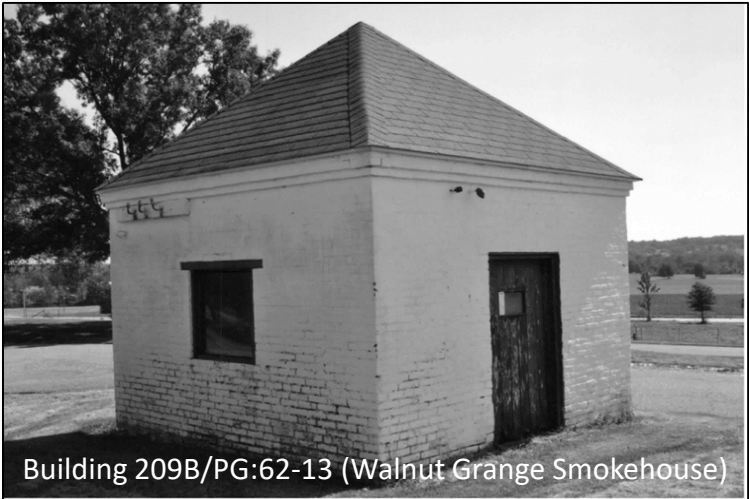
Representative  
Buildings of  
Linkage Farm



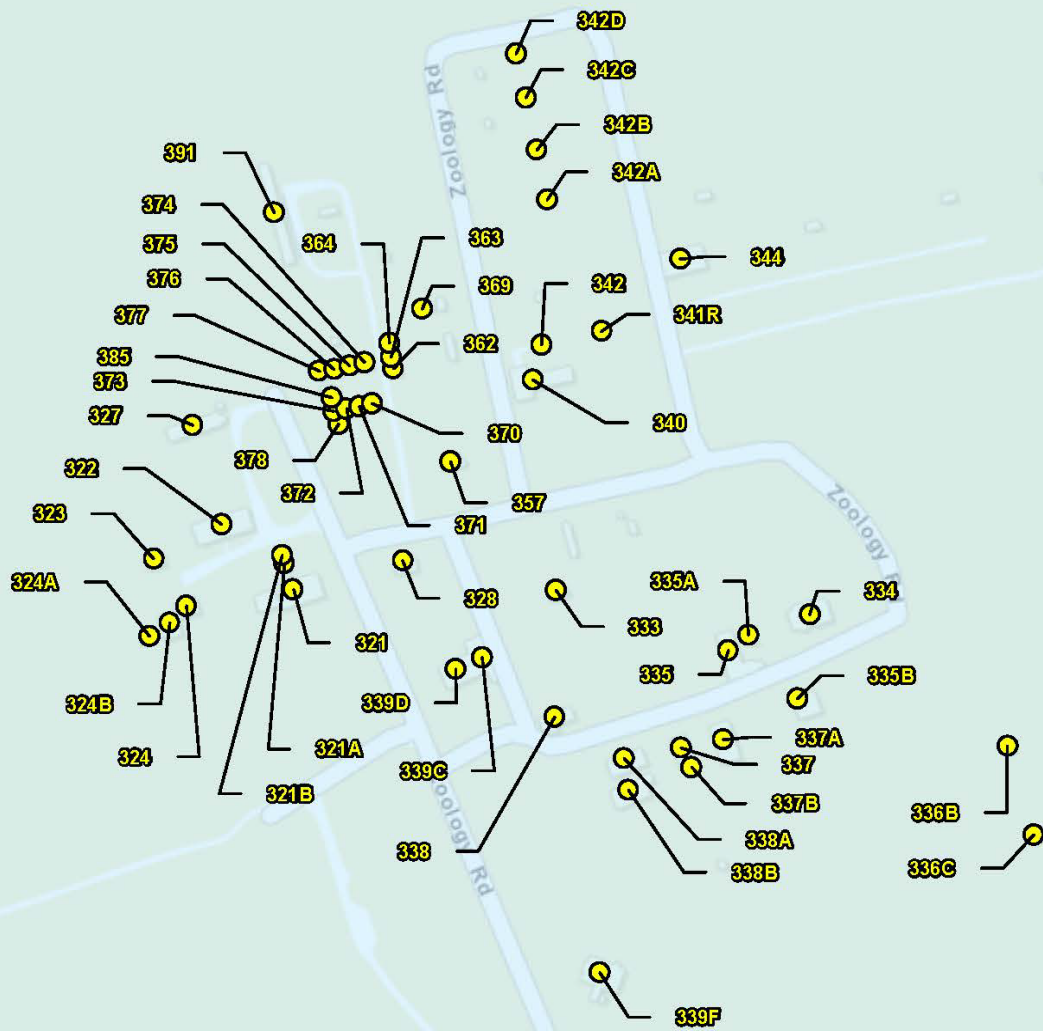




Representative  
Buildings of  
Central Farm







# 300 Cluster of Central Farm



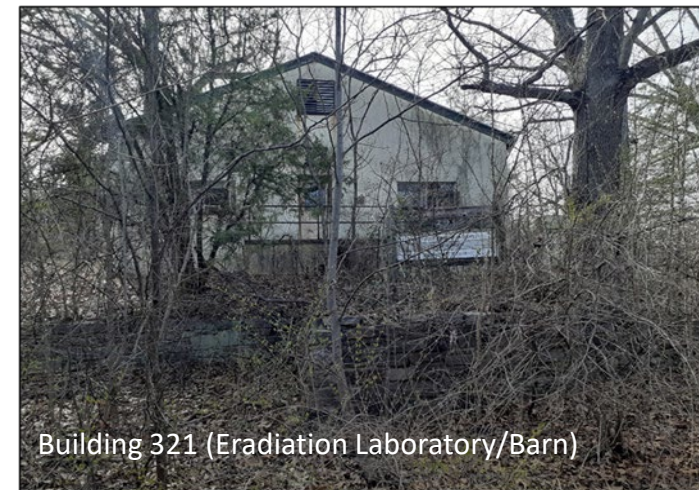
# Representative Buildings of 300 Cluster of Central Farm



Building 324 (Garage and Implement Shed)



Buildings 362-364 (Storage)



Building 321 (Eradiation Laboratory/Barn)



Buildings 338A (Laboratory/Storage) and 338B (Animal Building)



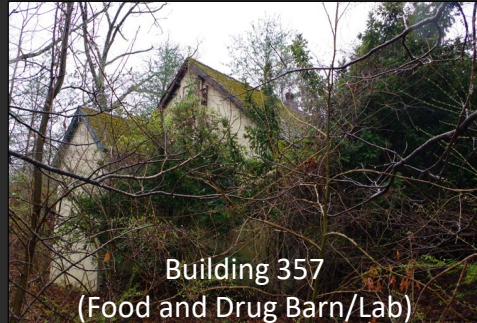
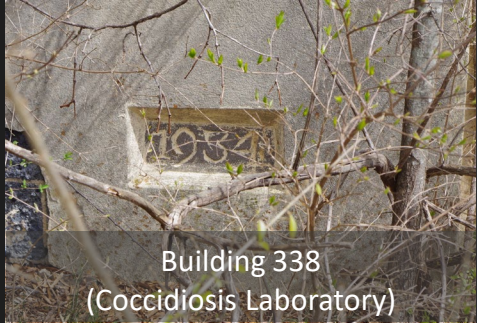
Building 391 (Animal Shelter)



Building 322 (Cattle Barn/Office)



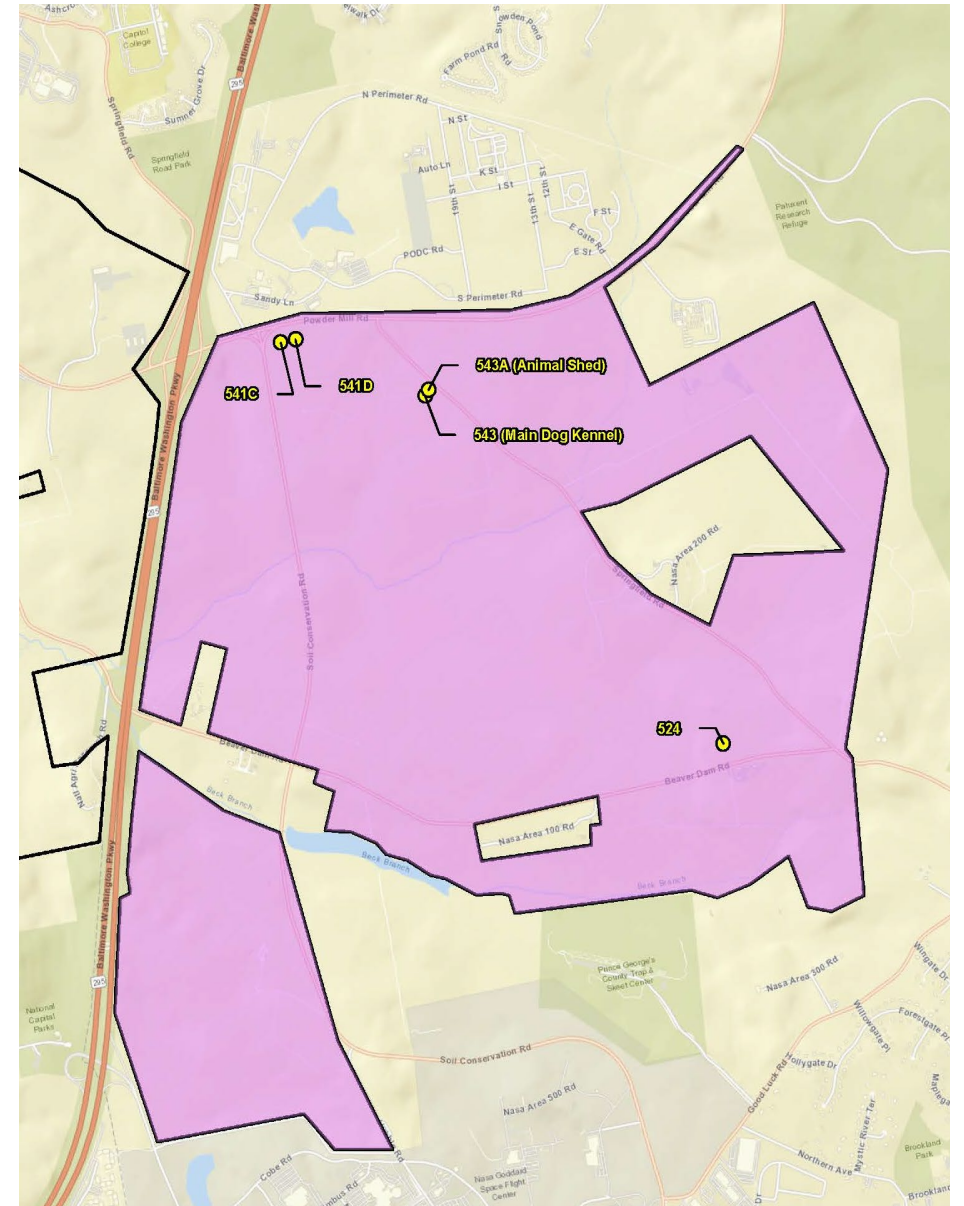
# Building Details





# East Farm

- **5 buildings** located in the East Farm
- The East Farm includes **2,225 acres**; USDA acquired the East Farm in the 1930s “for the Bureau of Animal Husbandry and other agencies, including the Soil Conservation Service” (Farris 2017a).
- Buildings range in age from **1933 to 1942** and maintain associations with the following historic themes:
  - Federal role in agricultural research
  - Experimental agricultural research
  - New Deal policies and programs
  - Landscape architecture





Building 524/PG:64-22 (Gas Station)



Building 543/PG:64-25  
(Main Dog Kennel and Animal Shed)



Building 541C/PG:64-24 (Hog House)

## Representative Buildings of East Farm



# Current Preservation





# Stipulation Brainstorming

Meaningful mitigation options:

- Should be relevant and commensurate with the resources' significance
- Offer a public benefit taking into account the views and considerations of the public and community containing the resource
- Accommodate the needs of all parties, including those who feel the property is important and the agency responsible for its management
- Think beyond traditional documentation strategies; may still be relevant but should consider broader resource and property type related options as well as offset mitigation that could benefit other resources



## NEXT STEPS/ QUESTIONS

- We are seeking your input! Your ideas regarding appropriate mitigation will be considered during PA development.
- We request input on potential mitigation measures within the next 30 days (by March 14, 2022) to allow for preparation of an initial PA draft. USDA-ARS respectfully asks for an expedited review of **15 days** per 36 CFR Part 800.3(g) (by February 28). Please let us know if you are unable to provide comments within the expedited timeframe.
- Once we circulate that, another meeting will be held to discuss issues, needs, etc.

Please direct your input/comments to:

Chizo Irechukwu  
Asset and Facilities Manager

[chizo.irechukwu@usda.gov](mailto:chizo.irechukwu@usda.gov)



Date: February 11, 2022

Re: Draft Meeting Minutes; Virtual Section 106 Consultation Meeting for Demolition of 128 Buildings at BARC

<u>Attendees</u>	<u>Organization</u>
Chizo Irechukwu	USDA-ARS
Lisa Bynum	USDA-ARS
Claudette Joyner	USDA ARS
Shari Cannon-Mackey	Burns & McDonnell
Ryane Pearson	Burns & McDonnell
Brandy Harris	Burns & McDonnell
Dr. Andrew Gottsfield	Burns & McDonnell
Lydia Costello	Burns & McDonnell
Heather Johnson	LSY Architects & Lab Planners
Beth Cole	Maryland Historical Trust
Becky Roman	Maryland Historical Trust
Alexis Clark	Advisory Council on Historic Preservation
Meagan Baco	Maryland Milestone Heritage Center

On Friday February 11, 2022, United States Department of Agriculture, Agricultural Research Service and Burns & McDonnell representatives hosted a virtual meeting with Consulting Parties to discuss the Section 106 consultation process for the proposed demolition of 128 buildings within the Beltsville Agricultural Research Center (BARC). The entire BARC facility, recorded in the Maryland Inventory of Historic Places (MIHP) as PG:62-14, is a historic district determined eligible for inclusion in the National Register of Historic Places (NRHP) in 1998. Participants discussed adverse effects to historic properties from the proposed undertaking, mitigation options, and developing a Programmatic Agreement (PA) to account for adverse effects to the 128 buildings and the overall historic district to which they contribute. In addition to providing the potential Consulting Parties and agency officials with some background information on the historic district, major topics of discussion are outlined below:

- USDA-ARS facilitated welcome and introductions and discussed what the USDA-ARS goals are for this project.
- Burns & McDonnell provided a brief overview of the Section 106 process, including major steps, the criteria of adverse effect, and where the current Project is in the overall process.
- Burns & McDonnell summarized that the agencies involved deemed a PA was appropriate for this undertaking because of the extent and timing of the demolition program.
- Burns & McDonnell provided a summary of the district history, including previous documentation efforts at the campus, described the district's period of significance (1910-



1984), and outlined its historic associations under NRHP Criterion A and significance as a designed landscape under NRHP Criterion C.

- Burns & McDonnell discussed the individual farms with an overview of the types and styles of buildings slated for demolition including brief architectural descriptions, methods for development of the physical area of potential effects (APE) and associated archeological potential, historical information, and NRHP significance.
- Burns & McDonnell described that USDA-ARS is currently preserving Buildings 002, 005, 307, 308, and 434.
- Burns & McDonnell led discussion and solicited input from attendees about individual concerns regarding the undertaking and possible mitigation stipulations, which included the following ideas:
  - Beth Cole from Maryland Historic Trust discussed concerns with the extent of demolition but was pleased to hear about current renovation proceedings. Suggested HABS level research may be appropriate for the 300 cluster of buildings in the Central Farm.
  - Meagan Baco from Maryland Milestone Heritage Center suggested the use of mitigation funds to develop publicly accessible trails with interpretation and architectural salvage opportunities.
  - Alexis Clark from the Advisory Council on Historic Preservation stressed having a clear timeline in the PA to complete the demolition and mitigation efforts. Suggested a potential building leasing program and can help identify interested parties. Chizo Irechukwu indicated that USDA-ARS is already leasing building space to other agencies.
  - USDA-ARS is currently developing the demolition Statement of Work and will communicate the final stages which will guide the process and timeline for demolition.
  - Maryland Historic Trust and Maryland Milestone Heritage Center are interested in an in-person site visit when COVID-19 protocols are lifted at BARC.
- Burns & McDonnell outlined action items, including providing copies of the presentation materials and meeting minutes. Consulting Parties have 30 days (March 14) to review document but USDA-ARS requests an expedited review of 15 days (input requested by February 28) if possible.

**From:** [Irechukwu, Chizo](#)  
**To:** [Beth Cole - MHT](#); [Harris, Brandy M](#)  
**Cc:** [Bynum, Lisa](#); [Joyner, Claudette](#); [Howl, Bill](#); [Cannon-Mackey, Shari](#); [Costello, Lydia](#); [Spurgeon, Shannon](#); [becky.roman@maryland.gov](#); [aclark@achp.gov](#); [kirstin@anacostiatrails.org](#); [meagan@anacostiatrails.org](#); [Wester, Paul - ARS](#); [Gottsfeld, Andrew](#); [Heather Johnson](#); [Austin, Rio Grande \(ATX202\)](#); [Pearson, Ryane](#)  
**Subject:** RE: BARC Historic District Programmatic Agreement Development Consulting Party Meeting #1  
**Date:** Monday, February 14, 2022 8:24:04 AM

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Good morning Beth,

Thank you for providing your input on various mitigation measures for BARC to put into consideration while undergoing this process. The option to sell any property is a bit farfetched. It does take an act of congress to transfer or sell any BARC property.

We will look into the examples you have provided below and do our best to incorporate where possible.

Thanks once more for your input. It is greatly appreciated.

**Chizo Irechukwu**

**Asset and Facilities Manager**

p. 301-440-1413

[Chizo.Irechukwu@usda.gov](mailto:Chizo.Irechukwu@usda.gov)

Agricultural Research Service | North East Area

Beltsville Agricultural Research Center | Facilities Services

10300 Baltimore Ave, Bldg. 426, Beltsville, MD 20705

**From:** Beth Cole - MHT [<mailto:beth.cole@maryland.gov>]

**Sent:** Monday, February 14, 2022 9:01 AM

**To:** Harris, Brandy M <[bmharris@burnsmcd.com](mailto:bmharris@burnsmcd.com)>; Irechukwu, Chizo <[chizo.irechukwu@usda.gov](mailto:chizo.irechukwu@usda.gov)>

**Cc:** Bynum, Lisa <[lisa.bynum@usda.gov](mailto:lisa.bynum@usda.gov)>; Joyner, Claudette <[claudette.joyner@usda.gov](mailto:claudette.joyner@usda.gov)>; Howl, Bill <[bill.howl@usda.gov](mailto:bill.howl@usda.gov)>; Cannon-Mackey, Shari <[scannonmackey@burnsmcd.com](mailto:scannonmackey@burnsmcd.com)>; Costello, Lydia <[lcostello@burnsmcd.com](mailto:lcostello@burnsmcd.com)>; Spurgeon, Shannon <[sspurgeon@burnsmcd.com](mailto:sspurgeon@burnsmcd.com)>; [becky.roman@maryland.gov](mailto:becky.roman@maryland.gov); [aclark@achp.gov](mailto:aclark@achp.gov); [kirstin@anacostiatrails.org](mailto:kirstin@anacostiatrails.org); [meagan@anacostiatrails.org](mailto:meagan@anacostiatrails.org); Wester, Paul - ARS <[paul.wester@usda.gov](mailto:paul.wester@usda.gov)>; Gottsfeld, Andrew <[agottsfeld@burnsmcd.com](mailto:agottsfeld@burnsmcd.com)>; Heather Johnson <[HJohnson@lsyarchitects.com](mailto:HJohnson@lsyarchitects.com)>; Austin, Rio Grande (ATX202) <[ATX202@burnsmcd.com](mailto:ATX202@burnsmcd.com)>; Pearson, Ryane <[rpearson@burnsmcd.com](mailto:rpearson@burnsmcd.com)>

**Subject:** Re: BARC Historic District Programmatic Agreement Development Consulting Party Meeting #1

Chizo,

Thank you for hosting the informative Consulting Party meeting last Friday, February 11th for the BARC demolition initiative. The meeting provided participants with a good understanding of the scope and purpose of the undertaking as well as a general overview of the range of historic properties that may be affected. As requested in the meeting, the Maryland Historical Trust (Trust) brainstormed possible mitigation concepts for this undertaking. Based on the available project

information and comments shared at the meeting, the Trust offers the following mitigation ideas for USDA BARC to consider in the development of the PA. We believe that meaningful mitigation measures should encompass three primary areas of focus, as outlined below.

Research/Recordation: Targeted research and recordation of the historic properties is warranted to capture not only their architectural significance - but also the stories of the scientists and their important research which occurred at these properties. This effort not only documents the resources before demolition, but also provides the detailed material to develop the interpretive measures. Research/recordation may include:

- HABS level Historic Context and documentation for the 300 Complex, Central Farm - submitted to NPS /Library of Congress with copies to USDA Library, the Trust, and other venues. The NPS HABS program would determine the appropriate level of documentation needed for this complex.
- MIHP Forms/MIHP Updates for contributing resources, grouped by association as appropriate, for submittal to the Trust's Maryland Inventory of Historic Properties.

Public Interpretation: A broad range of achievable public interpretation measures will help to share the results of the research/recordation and BARC's unique stories with the public.

- Development of dedicated interpretive walking/bike trails through open areas of BARC, as feasible;
- On site interpretation of BARC History along the trails and at prominent buildings in areas of public access (wayside signs and/or phone app);
- Updates to existing BARC/USDA facility history websites;
- Story Map on the history and architecture of BARC;
- Salvage of unique architectural or other elements, such as the birdhouse dormer, and reuse in interpretive exhibits on BARC history.

Positive preservation measures: USDA/BARC's commitment to undertake the retention, reuse, and preservation of BARC historic properties will help offset the considerable loss of contributing resources through this demolition initiative. USDA/BARC should closely consider the retention and reuse of the following buildings proposed for demolition:

- Building 156 - Small building with pull off located along Powder Mill Road may be feasible to stabilize/repair for use as interpretation building and/or bike trails station.
- Building 11A - Brutalist Research Building situated at the edge of the facility with public road access, it may be leased to a party for rehab and new use.
- Buildings 1070 thru 1073 - Superintendent/Asst Superintendent Houses and Garages also located at the edge of the facility off public roads may have reuse options for lease or sale.
- Building 018 - Smallwood House also located at the edge of the facility off public road may have reuse options for lease or sale.
- Rehabilitation and preservation of other contributing historic properties within the BARC Historic District for continued viable uses.

We look forward to continuing the dialogue with USDA/BARC, ACHP, and the consulting parties as we move forward into development of the Programmatic Agreement (PA). When conditions allow, we would welcome the opportunity to participate in a site visit with all parties to get a better sense of the BARC Historic District and the involved contributing resources. Thank you for providing us this opportunity to comment. Have a good day,

Beth Cole

**To check on the status of a submittal, please use our online search:**

<https://mht.maryland.gov/compliance/ComplianceLogSearch.aspx>.



**Beth Cole**

Administrator, Project Review and Compliance  
Maryland Historical Trust  
Maryland Department of Planning  
100 Community Place  
Crownsville, MD 21032

[beth.cole@maryland.gov](mailto:beth.cole@maryland.gov) / 410-697-9541

[MHT.Maryland.gov](http://MHT.Maryland.gov)

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On Thu, Feb 10, 2022 at 3:43 PM Harris, Brandy M <[bmharris@burnsmcd.com](mailto:bmharris@burnsmcd.com)> wrote:

Agenda for tomorrow attached. Look forward to chatting with everyone!

Thanks,  
Brandy

---

## Microsoft Teams meeting

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**From:** [Irechukwu, Chizo](#)  
**To:** [Kirstin Falk](#); [Harris, Brandy M](#)  
**Cc:** [Beth Cole - MHT](#); [Bynum, Lisa](#); [Joyner, Claudette](#); [Howl, Bill](#); [Cannon-Mackey, Shari](#); [Costello, Lydia](#); [Spurgeon, Shannon](#); [becky.roman@maryland.gov](mailto:becky.roman@maryland.gov); [Meagan Baco](#); [Alexis Clark](#); [Wester, Paul - ARS](#); [Gottsfeld, Andrew](#); [Heather Johnson](#); [Austin, Rio Grande \(ATX202\)](#); [Pearson, Ryane](#)  
**Subject:** Re: [External Email]ATHA Comments on Mitigation - BARC PA  
**Date:** Friday, March 11, 2022 1:18:31 PM

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Dear Kristin,

Thank you for the comments and your participation. It is appreciated.

Thanks  
Chizo

Chizo Irechukwu  
Asset and Facilities Manager  
ARS/NEA/BARC/FS  
301-440-1413  
[chizo.Irechukwu@usda.gov](mailto:chizo.Irechukwu@usda.gov)

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**From:** Kirstin Falk <[kirstin@anacostiatrails.org](mailto:kirstin@anacostiatrails.org)>  
**Sent:** Friday, March 11, 2022 2:08:38 PM  
**To:** Irechukwu, Chizo <[chizo.irechukwu@usda.gov](mailto:chizo.irechukwu@usda.gov)>; Harris, Brandy M <[bmharris@burnsmcd.com](mailto:bmharris@burnsmcd.com)>  
**Cc:** Beth Cole - MHT <[beth.cole@maryland.gov](mailto:beth.cole@maryland.gov)>; Bynum, Lisa <[lisa.bynum@usda.gov](mailto:lisa.bynum@usda.gov)>; Joyner, Claudette <[claudette.joyner@usda.gov](mailto:claudette.joyner@usda.gov)>; Howl, Bill <[bill.howl@usda.gov](mailto:bill.howl@usda.gov)>; Cannon-Mackey, Shari <[scannonmackey@burnsmcd.com](mailto:scannonmackey@burnsmcd.com)>; Costello, Lydia <[lcostello@burnsmcd.com](mailto:lcostello@burnsmcd.com)>; Spurgeon, Shannon <[sspurgeon@burnsmcd.com](mailto:sspurgeon@burnsmcd.com)>; [becky.roman@maryland.gov](mailto:becky.roman@maryland.gov) <[becky.roman@maryland.gov](mailto:becky.roman@maryland.gov)>; Meagan Baco <[meagan@anacostiatrails.org](mailto:meagan@anacostiatrails.org)>; Alexis Clark <[aclark@achp.gov](mailto:aclark@achp.gov)>; Wester, Paul - ARS <[paul.wester@usda.gov](mailto:paul.wester@usda.gov)>; Gottsfeld, Andrew <[agottsfeld@burnsmcd.com](mailto:agottsfeld@burnsmcd.com)>; Heather Johnson <[HJohnson@lsyarchitects.com](mailto:HJohnson@lsyarchitects.com)>; Austin, Rio Grande (ATX202) <[ATX202@burnsmcd.com](mailto:ATX202@burnsmcd.com)>; Pearson, Ryane <[rpearson@burnsmcd.com](mailto:rpearson@burnsmcd.com)>  
**Subject:** [External Email]ATHA Comments on Mitigation - BARC PA

**[External Email]**

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Good afternoon Chizo,

Thank you for the opportunity to participate as a consulting party in the development of a Programmatic Agreement for the proposed building demolition initiative at the National Register eligible Beltsville Agricultural Research Center. In addition to the overview provided during the February 11, 2022, virtual consulting parties meeting, we appreciate the opportunity to visit the site on March 7, 2022.

As requested, Anacostia Trails Heritage Area (ATHA), is providing comments for possible mitigation strategies. In addition to our internal discussions, we had the ability to review comments already provided by other consulting parties, including MHT (Maryland SHPO) and ACHP. We concur with

prior commenters and look forward to meaningful discussions among all of the consulting parties. Echoing what has already been identified, please consider the following additional comments.

- As discussed during our in-person site visit on the 7<sup>th</sup> of March, knowledge of the overall plan for the continued use of the BARC complex (ie. a facility master plan) is important contextual information; including, but not limited to, the plan for extant buildings not identified in this PA.

NIST recently completed a master plan for their historic Gaithersburg, MD, complex that could serve as an example for BARC.

- Understanding the long-term plan for the BARC complex could help identify recommendations for maintenance of other extant historic buildings (resources not slated for demolition). This knowledge could impact recommended preservation actions and serve as a possible contributing form of mitigation. Without this information any comments we can provide are limited and will be subject to revision once more information is made available.

There are many examples of buildings within the complex in need of preservation and maintenance. A prominent example is the buildings located on Circle Drive. From a cursory, ground level visual survey peeling paint is evident. Repainting these wood elements would help ensure their long-term preservation.

- Recommend reconsidering demolition as proposed. Concur with other consulting parties recommending the consideration of alternatives, including adaptive reuse, leasing opportunities, and/or relocation where feasible, for building reuse. There are state and federal funding incentives for building reuse including a state historic preservation tax credit along with capital grant programs offered by MHT and Maryland Heritage Areas Authority.

Deconstruction and salvage opportunities need to be considered as related to sustainability in addition to the opportunity to share salvaged artifacts and/or architectural details with local, regional, state, and national historic repositories and museums. This also ties in with creating interpretation opportunities.

- Research and recordation. Concur with comments provided by other consulting parties recommending HABS level documentation, both written context and photography.

Also, specifically regarding research, further understanding of what has already been investigated and/or documented would be beneficial. We concur with the prior comments, several avenues for additional research exist. Understanding what is lacking or has not been investigated would help to determine areas with the greatest potential valuable.

Part of research and recordation also involves identification and implementation of ways to make the information available to the public.

- Interpretation. In tandem with research and recordation, pulling information together to

develop a historical overview and create a historical context for all the resources slated for demolition and making this information available to the public. Note, these are preliminary comments, a detailed approach to interpretation would need to be developed.

- Development of bicycle and pedestrian walking trails within the complex and nearby the complex that connect to, enhance, or help create connectivity with existing trails. There are existing trails immediately adjacent to several of the BARC facilities. There are also several de facto trails that have no official designation (ie. bike lanes, pull-offs, interpretive signs, wayfinding signs).

Thank you again for the opportunity to provide comments.

*Kirstin*

Kirstin Falk

Heritage Programs Project Manager

[MARYLAND MILESTONES](#)

[Anacostia Trails Heritage Area, Inc.](#)

[kirstin@anacostiatrials.org](mailto:kirstin@anacostiatrials.org)

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**From:** [Costello, Lydia](#)  
**To:** [chizo.irechukwu@usda.gov](#); [Bynum, Lisa](#); [Joyner, Claudette](#); [Heather Johnson](#); [Beth Cole - MHT](#); [Becky Roman - MDP](#); [aclark@achp.gov](#); [meagan@anacostiatrains.org](#); [Howl, Bill](#); [kirstin@anacostiatrains.org](#); [paul.wester@usda.gov](#); [Cannon-Mackey, Shari](#); [Pearson, Ryane](#); [Harris, Brandy M](#); [Gottsfeld, Andrew](#); [Spurgeon, Shannon](#)  
**Cc:** [Austin, Rio Grande \(ATX202\)](#); [Corral, Raymond - ARS](#)  
**Subject:** BARC Historic District Programmatic Agreement Development Consulting Party Meeting #2  
**Start:** Tuesday, March 22, 2022 1:00:00 PM  
**End:** Tuesday, March 22, 2022 2:00:00 PM  
**Location:** Microsoft Teams Meeting

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Brief Agenda for Tomorrow:

- Introductions
- Summary of Consulting Party comments received to date
  - MHT
  - ACHP
  - Maryland Milestone Heritage Area
- Summary of March 11 site visit
- Review of questions on particular buildings (0009; 0011A; 0018; 0060; 1056; 0209B; and 1070-1073)
- Discuss general stipulations outline
- Overview of proposed demolition phases
- Next Steps/Action Items

Look forward to regrouping with everyone!

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Microsoft Teams meeting

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Beltsville  
Agricultural  
Research Center  
(BARC)  
Programmatic  
Agreement  
Development

Consulting Party  
Meeting #2

March 22, 2022



**Agricultural Research Service**

U.S. DEPARTMENT OF AGRICULTURE

# INTRODUCTIONS

## USDA-ARS

- Chizo Irechukwu, Real Property Section, Asset and Facilities Manager
- Claudette Joyner, Real Property Section, Realty Specialist
- Lisa Bynum, Real Property Section, Realty Specialist
- Bill Howl, Engineering Project Manager

## Burns & McDonnell

- Ryane Pearson, Project Manager
- Shari Cannon-Mackey, NEPA Lead
- Brandy Harris, Section 106 Lead
- Dr. Andrew Gottsfield, Archeologist
- Shannon Spurgeon, GIS
- Lydia Costello, Section 106 Support

## LSY Architects and Lab Planners

- Heather Johnson, Project Director

## Maryland State Historic Preservation Office

- Beth Cole, Administrator Project, Review and Compliance
- Becky Roman, Preservation Officer, Project Review and Compliance

## Advisory Council on Historic Preservation

- Alexis Clark, Historic Preservation Specialist

## Maryland Milestones Heritage Center

- Meagan Baco, Executive Director
- Kirstin Falk, Heritage Programs Project Manager

## National Agricultural Library

- Paul Wester, Director

# Response to Consulting Parties Meeting #1

## MHT, Beth Cole (received February 14, 2022)

- Emphasized mitigation strategy should focus on three areas of focus: **(1) *Research/Recordation***; **(2) *Public Interpretation***; and **(3) *Positive Preservation Measures***
  - **Research/Recordation efforts could include:**
    - HABS level documentation with associated historic context development for the 300 Complex; submitted to NPS/Library of Congress with copies to USDA Library, the Trust, and other venues.
    - Production of MIHP forms and updates for contributing resources grouped by phases/associations
  - **Public Interpretation could include:**
    - Development of dedicated interpretive walking/bike trails through open areas of BARC
    - On site interpretation of BARC history along the trails and at prominent buildings in areas of public access (wayside signs and/or phone app)
    - Update to existing BARC/USDA facility history websites
    - Creation of a story map on the history and architecture of BARC
    - Salvage unique architectural or other elements and reuse in interpretive exhibits on BARC history
  - **Positive Preservation:**
    - Asked for additional information regarding why the following buildings were not suitable for reuse: 0011A, 0018, 0156, and 1070-1073

# Response to Consulting Parties Meeting #1

## **ACHP, Alexis Clark (received February 23, 2022)**

- Reiterated ACHP concurrence with SHPO recommendations
- Under **Research/Recordation**, suggested incorporating research topics related to the scientific research at BARC and placing the facility within the larger context of other major research facilities in the area (i.e. NIST, FDA)
  - Engage the National Agricultural Library and other repositories to see where this data may be housed
  - Potential to partner with universities to have students assist with research and reporting requirements; option ACHP can support
- With regard to **Positive Preservation**, suggested potential to lease vacant buildings with option to defer costs to lessee
- Questions:
  - Has BARC started to draft a list of activities that will be exempt from further consultation (as described in Stipulation II.B of the BARC MOA)?
  - What are the potential ground disturbance due to demolition. Is BARC aware of any contamination at the facility, for example, from the former gas station or contaminants from the research activities performed at BARC?

# Response to Consulting Parties Meeting #1

## **Maryland Milestones Heritage Area, Kirstin Falk (received March 11, 2022)**

- Concurred with suggestions provided by ACHP and SHPO
- Asked for additional information regarding future of BARC; will overall complex continue to operate and what are the plans for extant buildings not identified in this PA? Understanding the long-term plan for BARC complex could help identify recommendations for maintenance of other extant historic buildings not slated for demolition. Preservation plans could also comprise mitigation stipulations in the PA.
- **Research/Recordation:**
  - HABS level documentation, both written context and photography
  - Development of a historic context/overview for all resources slated for demolition for use in interpretation and public outreach
- **Public Interpretation**
  - Deconstruction and salvage opportunities need to be considered as related to sustainability; share salvaged artifacts and/or architectural details with historic repositories and museums
  - Interpretation to be coupled with development of bicycle and pedestrian walking trails within the complex and nearby the complex to connect to existing trails
- **Positive Preservation:**
  - Recommended reconsidering demolition as proposed and considering alternatives, adaptive reuse, leasing opportunities, and/or relocation where feasible. Suggested also seeking state and federal funding incentives for building reuse.

# Summary of the Site Visit (3/11/2022)

Summary of the visit shared with Consulting Parties on March 18, 2022

## Primary Questions/Comments:

- Does the facility have a Master Plan to guide grouping of resources into demolition phases? For example, how were Phase I buildings identified?
  - Why are 0039-0041 not included in Phase I?
  - Why is 0085B not included in Phase I ?
- Suggested further commitments to enhance/preserve main administrative building on North Farm and identified the open space adjacent to Circle Drive as a spot where interpretation could be sited.
- Powder Mill Road also identified as an ideal place for wayside interpretive markers; particularly discussed Road Shelter, Building 0156
- Granary complex (Building 0085, 0085A, and 0085B)
  - Any development planned in this area?
  - Good candidates for interpretative mitigation
- 300s/400s
  - Noted poor condition and redundancy of the buildings; suggested limiting HABS documentation requirements to those from the PWA/CCC period, of distinctive design, and of good physical condition (Buildings 321, 322, 328, 333, 334, 335, 335A, 338, 340, 344, 357, and 369)
  - What is the plan for the land where the 300s and 400s clusters are?
- South Farm
  - Existing trail near veterinary college would be good location for interpretive marker regarding the South Farm and its research missions
- Dairy Farm Area
  - Many of these buildings appear to be in useable condition and are adjacent to similar buildings that appear to still be in useable condition; can USDA-ARS provide additional information regarding why the buildings are proposed for demolition?



# Building 0009

- Can a commitment be made to preserve building 0010 to offset proposed demolition of Building 0009?
- USDA-ARS currently has no plans to demolish Building 0010; can be included as a commitment in the PA

Year Built: 1943

Farm: North Farm

Use: Headhouse and six greenhouses



# Building 0011A

- Candidate for reuse/leasing?
- Has significant hazmat issues; considered a “sick” building when scientists relocated to other facilities in 2014

Year Built: 1970

Farm: North Farm

Use: Bioscience research  
laboratory



Building 0011A/PG:61-87 (Bioscience Research Building)

# Building 0018

- 0018 – can a conditions assessment etc. justify why Building 0018 would not be a candidate for rehabilitation/leasing?
- Building has been determined “structurally unsound” – USDA-ARS would not be opposed to acquisition of the building by another entity and relocation for reuse.

Year Built: 1935

Farm: North Farm

Use: Employee housing



Building 0018/PG:61-34 (Smallwood House)



# Building 0060

- 0060 – vicinity to existing trail and would be a good candidate for interpretive signage
- USDA-ARS agrees that placing signage on the trail a possibility; however, area around Building 0060 itself is not publicly accessible

Year Built: 1942

Farm: South Farm

Use: Equipment and crop storage



Building 0060/PG:66-79 (Service Building D)



# Building 0156

- 0156 – all parties identified the building as a candidate for adaptive reuse and/or interpretation via an unmanned visitor's center

Year Built: 1941

Farm: Central Farm

Use: Road shelter



Building 0156/ (Road Shelter)

# Building 0209B

- 0209B – all parties ask why the smokehouse is slated for demolition
- USDA-ARS agreed to remove this building from the demolition list; may also be good candidate for interpretation related to land use at BARC prior to government acquisition in 1910

Year Built: 1805

Farm: Central Farm

Use: Smokehouse



Building 0209B/PG:62-13 (Walnut Grange Smokehouse)



# Buildings 1070-1073

1070-1073 – MHT requested additional information regarding why these buildings cannot be retained and reused

Year Built: 1935

Farm: Central Farm

Use: Superintendent's house and garage and foreman's residence, office, and garage

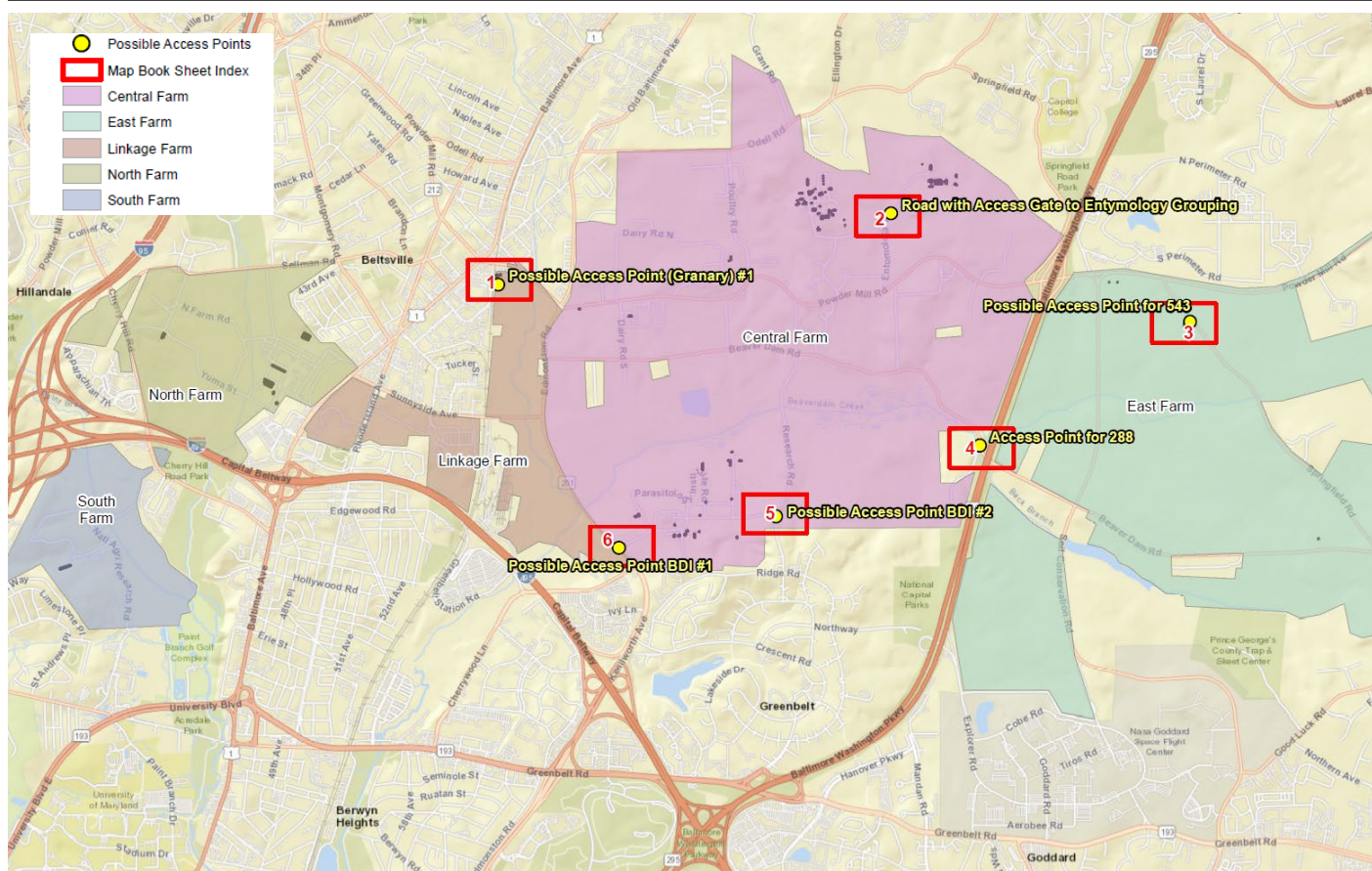


# General Stipulations Outline

- I. Professional Standards
- II. Phasing Proposal
- III. Treatment Measures
  - A. Ongoing Coordination Regarding Archeological Resources
  - B. Research and Recordation Tasks (HABS/MIHP Forms)
  - C. Public Interpretation (story maps, interpretive panels, etc.)
  - D. Positive Preservation Measures (i.e. Buildings 0010 and 0209B)



# Demolition Phases Overview



- 116 buildings are slated for demolition plus 12 already demolished that were included in MOA
- **15 buildings | Phase I** Buildings for 2022 Demolition (List Provided by USDA-ARS)
- **32 building | Phase II** Isolated and Utilitarian Buildings
- **3 buildings | Phase III** North Farm
- **54 buildings | Phase IV** 300s/400s (including the 12 MOA buildings)
- **23 buildings | Phase V** SW Portion of Central Farm



# Phase I

## Phase I – Buildings for 2022 Demolition (List Provided by USDA-ARS)

Building Number	Building Name	Year Built	Notes
0018	Smallwood House	ca. 1935	CPs inquired about evaluation of re-use/relocation options for this building during site visit.
0038	Potato House	1934	
0039	Bulb House	1934	Moved to Phase I
0040	Fruit Storage House	1934	Moved to Phase I
0041	Fallout Shelter	1943	Moved to Phase I
0050	Headhouse with Greenhouse	ca. early to <u>mid</u> 1960s	
0085	Granary	1936	
0085A	Granary Service Building	ca. 1950	
0085B	Granary Garage	1933	Moved to Phase I
166A	Silo Shed	1934	
0467	Entomology "C" Building, Headhouse & Greenhouse	ca. 1935	0468 (annex) not proposed for demo in Phase 1; Is it still in use at present?
541C	Hog House	1942	
541D	Hog House	1942	
1073	Foreman's House Garage	1935	CPs requested information regarding why the building cannot be retained and repurposed or leased to another party
1100	Parasitological Laboratory	1936	



Building 85/PG:67-45 (Granary)



Building 38/PG:61-79  
(Potato House)



Building 50/PG:61-83  
(Headhouse with Greenhouse)



Building 541C/PG:64-24 (Hog House)

**Phase I includes 15 buildings for 2022 demolition (list provided by USDA-ARS)**

**Representative Buildings Included in Phase I**



# Phase II

## Proposed Phase II – Shed/Isolated and Utilitarian Buildings

Building Number	Building Name	Year Built	Notes
0060	Service Building D	1942	CPs noted the existing trail in the vicinity of the building at the veterinary college campus that might be a good candidate for interpretive signage.
0156	Road Shelter	1941	CPs requested additional information regarding why the building cannot be retained and reused as part of interpretive mitigation; indicated they would like to salvage/reuse the hand painted map currently displayed there
204A	Post-Mortem Building	1924	
205	Meat Laboratory Holding Shelter	1945	
0288	Storage	1938	
321A	Walk-in-Box	1933	
321B	Walk-in-Box	1938	
336B-336C	Hog Shed	1949	
0337B	Storage	1940	
341R	Hog Shed	1950	
0342	Hog Shed	1950	
342A-D	Hog Sheds	1950	
370-377	Poultry House	1945	
378	Field Pen/Storage	1950	
385	Pole Shed	1958	
524	Gas Station	1933	
543	Main Dog Kennel	1939	
543A	Animal Shed	1939	
1052	Chemical Storage Building	1940	
1053	Storage Building	1935	
1054	Storage	1961	



Representative Buildings  
Included in Phase II

Phase II includes 32 buildings - Isolated and Utilitarian Buildings



# Phase III



Representative  
Buildings Included in  
Phase III



## Proposed Phase III – North Farm

Building Number	Building Name	Year Built	Notes
0009	Green house Range 3	1943	Can a commitment be made to preserve Building 010 to offset proposed demolition of Building 009 as they are similar architecturally and represent a distinctive resource type on the campus?
0011A	<u>Biosceince</u> Research Building	1970	CPs requested information regarding why the building cannot be retained and repurposed or leased to another party
0044	Storage	1958	

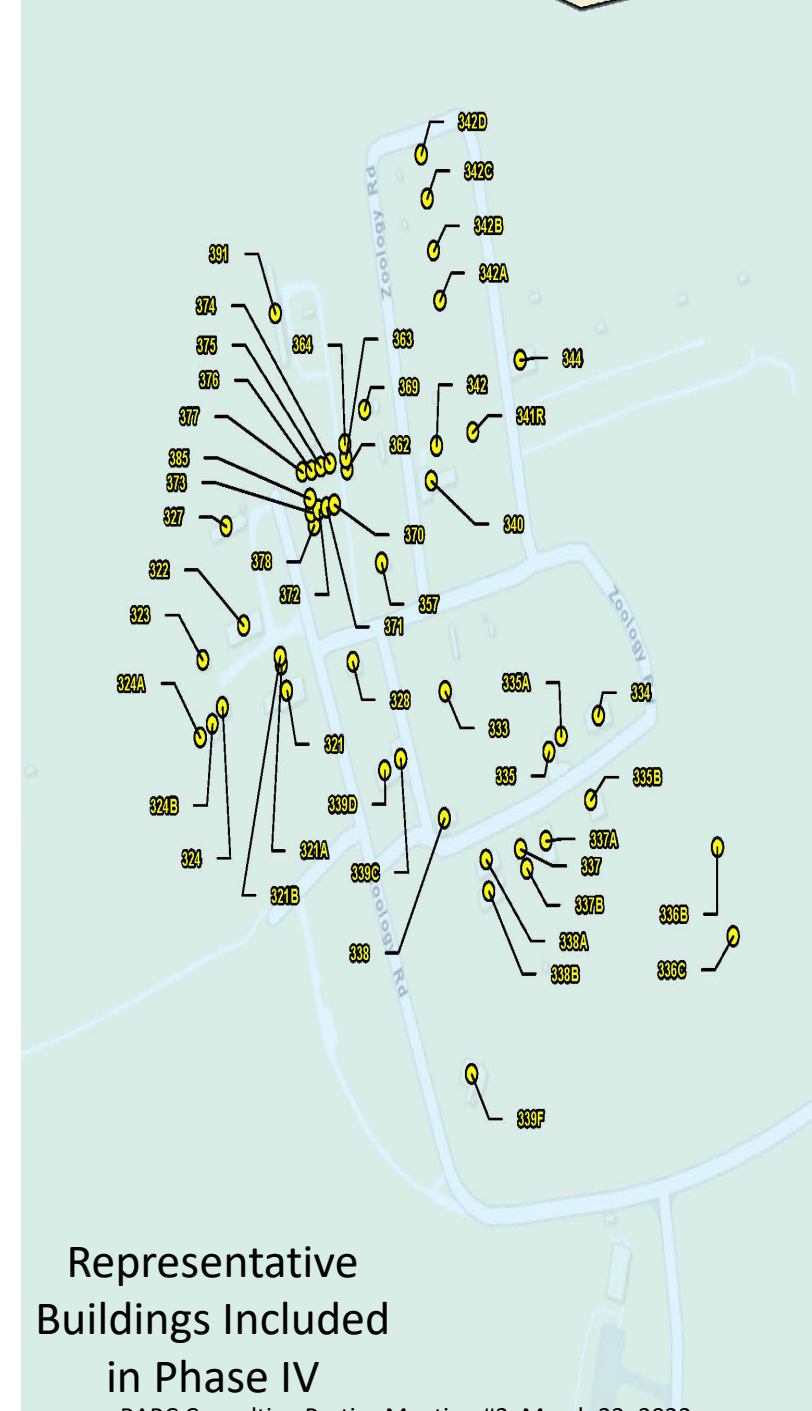
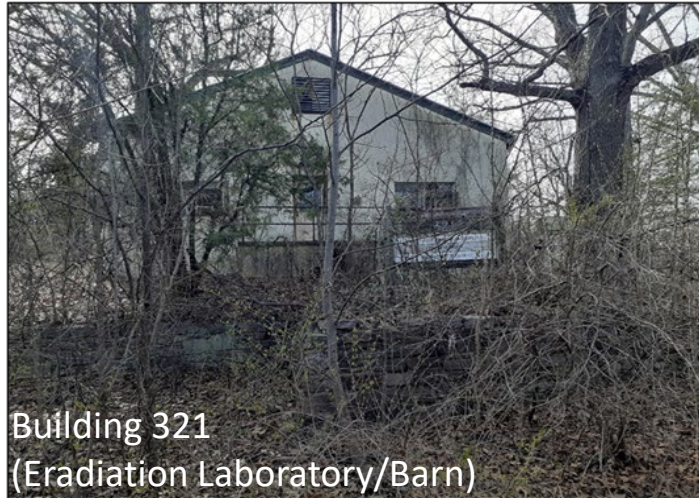
Phase III includes 3 buildings - North Farm



# Phase IV

## 300s Cluster

Building Number	Building Name	Year Built	Notes
177B	Electron Microscope Laboratory	1967	Previously demolished as per MOA
0321	Eradiation Laboratory	1933	Recommended for HABS documentation
0322	Cattle Barn	1938	Recommended for HABS documentation
0323	Bull Barn	1940	
0324	Garage and Implement Shed	1934	
0324A	Garage and Implement Shed	1934	
0324B	Garage and Implement Shed	1934	
0327	Growth Chamber Box	1950	
0328	Food and Drug Laboratory	1934	Recommended for HABS documentation
333	Quarantine Building/Dog Kennel	1934	Recommended for HABS documentation
334	Parasite Investigation Laboratory	1934	Recommended for HABS documentation
335	Parasite Brooder House	1938	Recommended for HABS documentation
335A	Insectary/Low Storage	1939	Recommended for HABS documentation
335B	Feed Barn	1940	
0337	Laboratory	1949	
0337A	Swine Research	1967	
338	Coccidiosis Laboratory	1934	Recommended for HABS documentation
0338A	Laboratory/Storage	1934	
0338B	Animal Building	1934	
0339C	Animal Shed	1949	
0339D	Animal Research Building	1967	
0339F	Laboratory	1976	
0340	Swine Barn	1938	Recommended for HABS documentation
0344	Sheep Barn	1938	Recommended for HABS documentation
0357	Food & Drug Barn	1940	Recommended for HABS documentation
0362	Storage	1955	
0363	Storage	1955	
0364	Storage	1950	
0369	Log House	1947	Recommended for HABS documentation
0391	Animal Shelter	1961	



**Phase IV include 54 buildings -300s/400s (including the 12 MOA buildings)**



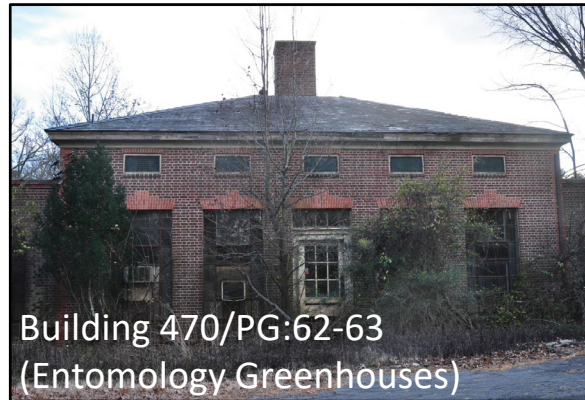
# Phase IV

## 400s Cluster

Building Number	Building Name	Year Built	Notes
0468	Laboratory "C" Annex	1934	
0469-1	Laboratory	1969	
0470	Entomology Greenhouses	1934	
470A	Laboratory Headhouse and Greenhouses	1968	Previously demolished as per MOA
470AA-470JJ	Greenhouses	1966-1967	Previously demolished as per MOA
470B	Quonset Insecticide Storage Building	1962	
0472	Spray Mixing Shed	1950	
0473-0474	Mushroom House	1934	
0475	Mushroom House	1934	
0476	Main Laboratory Building/Laboratory "A"	1935	
485	Storage Shed	1940	
487-1 and 487-2	Walk-in-Box	1959	
488	Walk-in-Box	1959	



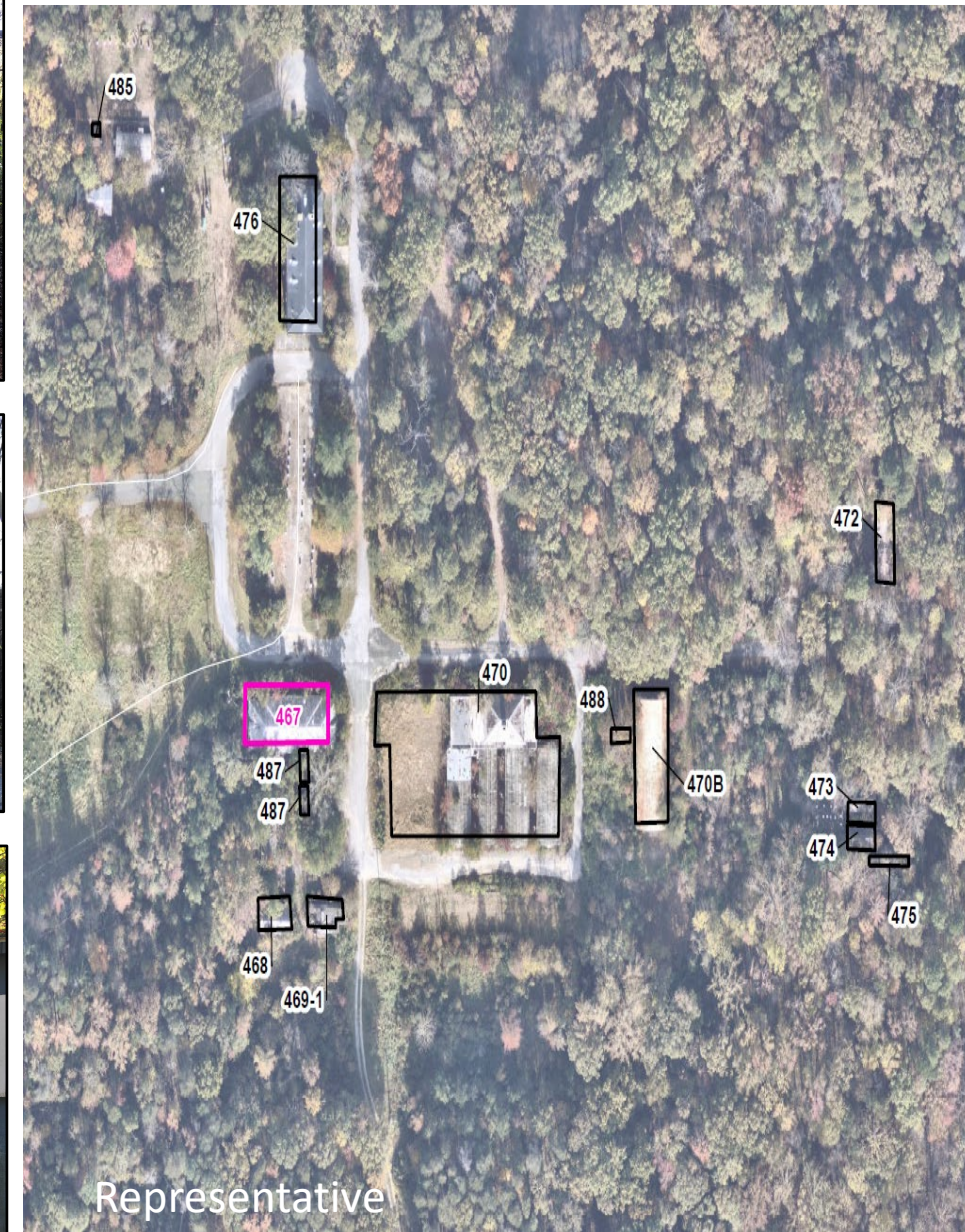
Building 487/PG:62-66  
(Walk-In-Boxes)



Building 470/PG:62-63  
(Entomology Greenhouses)



Building 485/PG:62-55  
(Storage Shed)



Representative

Phase IV include 54 buildings -300s/400s (including the 12 MOA buildings)



# Phase V

Proposed Phase V – SW Portion of Central Farm

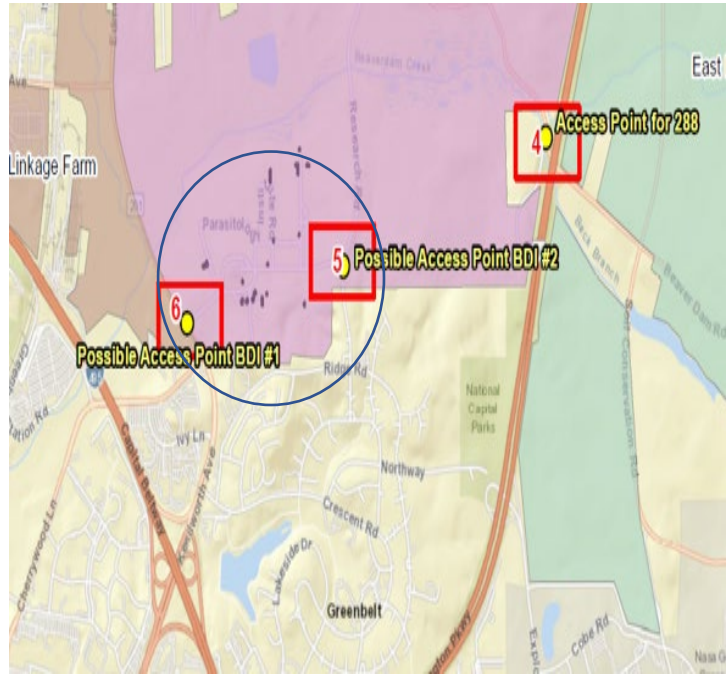
Building Number	Building Name	Year Built	Notes
1002	Feed Barn	1938	
1005	Pen Barn	1938	
1062	Horse and Cattle Barn	1935	
1063	Horse and Cattle Barn	1935	
1064	Horse and Cattle Barn	1935	
1070	Superintendent's House	1935	CPs requested information regarding why the building cannot be retained and repurposed or leased to another party
1071	Superintendent's Garage	1935	CPs requested information regarding why the building cannot be retained and repurposed or leased to another party
1072	Foreman's Residence/Office	1935	CPs requested information regarding why the building cannot be retained and repurposed or leased to another party
1092	Foreman's Garage	1935	
1104	Field Pen	1935	
1120	Pathological Laboratory	1945	
1183	Water Pumping House	1938	
1205	Animal Pen	1972	
1287	Poultry Laboratory	1952	
1288	Laboratory	1968	
1289	Poultry Laboratory	1952	
1292	Poultry Laboratory	1952	
1328	Colony Brooder Houses	1945	
1329	Colony Brooder Houses	1945	
1330	Storage Shed	1940	
1390	Storage	1972	
1422	Swine Research Laboratory	1945	
1425	Swine Products Barn	1945	



Building 1070/PG:67-63  
(Superintendent's House & Garage)



Building 1422/PG:67-66  
(Swine Research)



Building 1205  
(Animal Pen)

Representative  
Buildings Included in  
Phase III

Phase V include 23 buildings –  
SW portion of Central Farm

## NEXT STEPS/ QUESTIONS

- We are currently preparing a draft/outline of the PA
- Initial PA draft will be sent by Thursday, March 24, 2022.
- Your input on the document and potential mitigation measures would be required within the next 30 days (by April 23, 2022). USDA-ARS respectfully asks for an expedited review of **15 days** per 36 CFR Part 800.3(g) (by April 8). Please let us know if you are unable to provide comments within the expedited timeframe.
- After incorporating comments/edits and additional meeting to discuss issues, needs, etc. will be scheduled if needed.

Please direct your input/comments to:

Chizo Irechukwu  
Asset and Facilities Manager

[chizo.irechukwu@usda.gov](mailto:chizo.irechukwu@usda.gov)



Date: March 22, 2022

Re: Draft Meeting Minutes; Section Virtual Section 106 Consultation Meeting for Demolition of 128 Buildings at BARC

<u>Attendees</u>	<u>Organization</u>
Chizo Irechukwu	USDA-ARS
Lisa Bynum	USDA-ARS
Claudette Joyner	USDA-ARS
Bill Howl	USDA-ARS
Shari Cannon-Mackey	Burns & McDonnell
Ryane Pearson	Burns & McDonnell
Brandy Harris	Burns & McDonnell
Dr. Andrew Gottsfield	Burns & McDonnell
Lydia Costello	Burns & McDonnell
Shannon Spurgeon	Burns & McDonnell
Heather Johnson	LSY Architects & Lab Planners
Beth Cole	Maryland Historical Trust
Becky Roman	Maryland Historical Trust
Alexis Clark	Advisory Council on Historic Preservation
Meagan Baco	Maryland Milestone Heritage Area
Kirstin Falk	Maryland Milestone Heritage Area

On Tuesday March 22, 2022, United States Department of Agriculture, Agricultural Research Service (USDA-ARS) and Burns & McDonnell representatives hosted a second consulting parties' meeting to discuss the status of the Programmatic Agreement (PA) development process for the proposed demolition initiative at the Beltsville Agricultural Research Center (BARC). Major topics of discussion and action items are outlined below:

- Burns & McDonnell facilitated welcome and introductions and encouraged an open dialogue throughout the meeting.
- USDA-ARS emphasized that BARC's mission is research, and the 128 buildings no longer serve BARC's mission or needs.
- Burns & McDonnell provided a summary of the comments received after the first Consulting Parties' meeting held virtually on February 11, 2022.
  - Beth Cole, MHT, indicated mitigation should fall into three main categories: Research/Recordation, Public Interpretation, and Positive Preservation. She provided comments on HABS level documentation of the 300 cluster of buildings, production and/or updating of MIHP forms, public interpretation options, and mothballing versus demolition for certain resources. She requested additional information regarding why specific buildings could not be preserved (Buildings 0011A, 0018, 0156, and 1070-1073). Ms. Cole emphasized that the agency does not expect every mitigation stipulation provided to be included in the PA but wanted to offer options.
  - Alexis Clark, ACHP, concurred with SHPO and suggested under research/recordation, incorporating research topics related to the scientific research at BARC and placing the facility within the larger context of other major research facilities in the area. She also

- mentioned attempting to engage the National Agricultural Library, universities, and the Living New Deal.
- Kirstin Falk, Maryland Milestone Heritage Area concurred with ACHP and SHPO and requested review of BARC's master plan to better understand the future of the extant buildings and the facility in general. Other mitigation options included development of a historic context/overview for all resources slated for demolition, connecting nearby trails to the complex with interpretative materials, and consideration of the use state or federal funding incentives for building rehabilitation and reuse.
  - Chizo Irechukwu indicated that BARC could not allocate funding to preserve buildings that were not relevant to the mission or that were cost prohibitive to rehabilitate. Ms. Irechukwu also discussed hazardous materials issues at several buildings and safety concerns regarding placement of interpretive markers at the pull-off for Building 0156 or along Powder Mill Road.
  - Burns & McDonnell provided a brief overview of the in-person site visit held at BARC on March 7, 2022 and summarized in a memorandum distributed to the group on March 15, 2022. Major questions/comments from the group included:
    - All parties reiterated a desire to view BARC's Master Plan
      - USDA-ARS to request permission to share the document.
    - Parties further discussed Building 0156 and Powder Mill Road.
      - USDA-ARS agrees to maintain Building 0156 but does not want the building to be a tourist attraction as it is at the main entrance to BARC and could worsen existing traffic congestion.
      - USDA-ARS explained how dangerous Powder Mill Road is and believes interpretive markers would be a serious safety issue.
      - MHT mentioned the new traffic improvement project along Powder Mill Road and inquired if that undertaking might impact Building 0156 or other district elements or offer opportunity for safe installation of interpretive markers.
    - ACHP asked what considerations have occurred prior to determining demolition is the best option for disposal of surplus property.
      - USDA-ARS explained their screening process and emphasized the difficulty of reusing some of the buildings due to contamination, their condition, and/or their design as animal-related or laboratory facilities that would make adaptive reuse difficult.
    - Consulting parties discussed and generally concurred with proposed HABS documentation being limited to buildings in good condition, of architectural distinction, and from the PWA/CCC period within the 300 cluster (Buildings 321, 322, 328, 333, 334, 335, 335A, 338, 340, 344, 357, and 369).
    - Various interpretive panel ideas and locations were discussed; due to security issues USDA-ARS feels that online exhibits (e.g. Living New Deal; Story Maps) would be preferable. All such materials would have to be vetted and approved by the Office of Communications.
  - Burns & McDonnell discussed specific buildings consulting parties had questions about (Buildings 0009, 0011A, 0018, 0156, 0209B, and 1070-1073):
    - Building 0009 – USDA-ARS will commit to preserve Building 0010, which is identical in form and function to Building 0009 within the PA document
    - Building 0011A – USDA-ARS explained Building 0011A was not a candidate for reuse due to high levels of contamination; it was abandoned as research space in 2014 due to the health risks, and abatement and rehabilitation is cost prohibitive.

- Building 0018 – USDA-ARS has classified the building as structurally unsound. The agency would be open to having the building relocated for reuse by another entity but no such individual or organization has been identified to date.
- Building 0156 – Though unable to commit to preserving it as an unmanned visitor center, USDA-ARS will mothball the building so there is opportunity for reuse in the future. The Maryland Milestone Heritage Center offered to house small architectural elements including the hand painted sign of BARC at Building 0156 and other salvaged artifacts and architectural details.
- Building 0209B – Building will no longer be demolished. MHT requested information regarding its current condition, use, and potential for mothballing.
- Buildings 1070-1073 – These buildings are in poor condition and USDA-ARS has no need for them based on their current research needs. The buildings have been vacant since 2005.
- Burns & McDonnell outlined the general stipulations that will be covered in the PA: professional standards, phasing proposal, treatment measures – ongoing coordination regarding archeological resources, research and recordation tasks (HABS/MIHP Forms), public interpretation, and positive preservation measures.
- Parties discussed that the purpose of the PA has shifted from a program management tool to a mitigation document to account for the unknown timing of demolition and to facilitate the phasing of Section 106 compliance.
- Burns & McDonnell summarized a proposed 5-part phasing plan grouping buildings by geographic proximity or type. The proposed plan will be shared with the consulting parties.
- Burns & McDonnell outlined action items, including providing copies of the draft PA, presentation materials, and meeting minutes. Consulting Parties have 30 days to review document, but USDA-ARS requests an expedited review of 15 days if possible. The review will be high-level and focused on proposed mitigation rather than a formal, legal review.
- MHT suggested reaching out to the National Parks Service early to determine the level of HABS that will be required.
- ACHP asked for a comment matrix to be created to track consulting parties' comments.
- USDA-ARS to schedule a follow-up meeting if needed based on the preliminary PA review.

## **ACHP Notification and Response**



**From:** [Harris, Brandy M](#)  
**To:** [Costello, Lydia](#)  
**Subject:** FW: ACHP Notification Package for BARC PA  
**Date:** Monday, January 10, 2022 10:56:09 AM  
**Attachments:** [image003.png](#)  
[BARC PA ACHP Notification Form \(01032022\).pdf](#)  
[BARC PA ACHP Notification Attachments \(01032022\).reduced.pdf](#)

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**From:** Irechukwu, Chizo  
**Sent:** Tuesday, January 4, 2022 8:13 AM  
**To:** [e106@achp.gov](mailto:e106@achp.gov)  
**Cc:** Alexis Clark <[aclark@achp.gov](mailto:aclark@achp.gov)>; Beth Cole -MDP- <[beth.cole@maryland.gov](mailto:beth.cole@maryland.gov)>; Becky Roman - MDP- <[becky.roman@maryland.gov](mailto:becky.roman@maryland.gov)>; [kirstin@anacostiatrails.org](mailto:kirstin@anacostiatrails.org); [meagan@anacostiatrails.org](mailto:meagan@anacostiatrails.org); Wester, Paul - ARS <[paul.wester@usda.gov](mailto:paul.wester@usda.gov)>  
**Subject:** ACHP Notification Package for BARC PA

Please find the attached notification package from Beltsville Agricultural Research Center, USDA, to develop a Programmatic Agreement.

Thanks

**Chizo Irechukwu**  
**Asset and Facilities Manager**  
p. 301-440-1413  
[Chizo.Irechukwu@usda.gov](mailto:Chizo.Irechukwu@usda.gov)



Agricultural Research Service | North East Area  
Beltsville Agricultural Research Center | Facilities Services  
10300 Baltimore Ave, Bldg. 426, Beltsville, MD 20705

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**Advisory Council on Historic Preservation  
Electronic Section 106 Documentation Submittal System (e106) Form  
MS Word format**

**Send to: *e106@achp.gov***

**Please review the instructions at [www.achp.gov/e106-email-form](http://www.achp.gov/e106-email-form) prior to completing this form. Questions about whether to use the e106 form should be directed to the assigned ACHP staff member in the Office of Federal Agency Programs.**

**I. Basic information**

**1. Purpose of notification.** Indicate whether this documentation is to:

- Notify the ACHP of a finding that an undertaking may adversely affect historic properties
- Invite the ACHP to participate in a Section 106 consultation
- Propose to develop a project Programmatic Agreement (project PA) for complex or multiple undertakings in accordance with 36 C.F.R. 800.14(b)(3)
- Supply additional documentation for a case already entered into the ACHP record system
- File an executed MOA or PA with the ACHP in accordance with 800.6(b)(iv) (where the ACHP did not participate in consultation)
- Other, please describe  
[Click here to enter text.](#)

**2. ACHP Project Number** (If the ACHP was previously notified of the undertaking and an ACHP Project Number has been provided, enter project number here and skip to Item 7 below): N/A

**3. Name of federal agency** (If multiple agencies, list them all and indicate whether one is the lead agency):

United States Department of Agriculture, Agricultural Research Service (USDA-ARS)

**4. Name of undertaking/project** (Include project/permit/application number if applicable):

Surplus Building Demolition Initiative at USDA-ARS's Beltsville Agricultural Research Center (BARC), Prince George's County, Maryland

**5. Location of undertaking** (Indicate city(s), county(s), state(s), land ownership, and whether it would occur on or affect historic properties located on tribal lands):

Facility is located in Beltsville, Prince George's County, Maryland (Attachment 1: Figure 1). The property is owned by the Federal government.

**6. Name and title of federal agency official and contact person for this undertaking, including email**

address and phone number:

Chizo Irechukwu  
 Asset and Facilities Manager  
 USDA/NEA/BARC/FS  
 10300 Baltimore Avenue  
 Building 426A, Room 108  
 Beltsville, MD 20705  
[chizo.irechukwu@usda.gov](mailto:chizo.irechukwu@usda.gov)  
 (301) 504-5664

## II. Information on the Undertaking\*

**7. Describe the undertaking and nature of federal involvement** (if multiple federal agencies are involved, specify involvement of each):

The USDA-ARS is proposing demolition of 128 buildings at the BARC facility in Beltsville, Maryland. The entire BARC facility, recorded in the Maryland Inventory of Historic Places (MIHP) as PG:62-14, is a historic district determined eligible for inclusion in the National Register of Historic Places (NRHP) in 1998 (Attachment 1: Figure 1). The buildings and structures (i.e. corrals, retaining walls, etc.) slated for demolition are contributing elements of the NRHP district. As a result, their removal would constitute an adverse effect to the district under Section 106 of the National Historic Preservation Act (NHPA).

The buildings are being considered for demolition for multiple reasons: (1) to reduce costs related to maintenance and repair for buildings that no longer meet current physical space, purpose, or safety requirements for USDA-ARS's current research missions; (2) applicable Federal executive orders and directives; and (3) applicable Federal and state regulatory requirements. Budget constraints require limited resources to be focused on existing building stock that can still meet BARC's research mission. Federal facilities with buildings and structures in similar circumstances are what prompted the release of the *National Strategy for Real Property* and the companion *Reduce the Footprint Policy* in March 2015 by the Executive Office of the President, Office of Management and Budget. The National Strategy is a three-step framework to improve real property management and utilization of government-owned buildings, reduce the number of excess and underutilized properties, and improve the cost-effectiveness and efficiency of the government's property portfolio. The *Reduce the Footprint Policy* requires agencies to submit annual Real Property Efficiency Plans that set annual square foot reduction targets for Federal domestic buildings over a rolling 5-year period.

**8. Describe the Area of Potential Effects (APE):**

The physical Area of Potential Effects (APE) is presumed to include the footprint of the buildings slated for demolition plus a buffer to allow for the return of the surrounding land as closely as possible to pre-construction contours. The physical APE also includes buffers around existing roads and proposed construction access roads where applicable. Table 1 provides the Physical APE buffer and approximate acreage per building, and Figure 2, Sheets 1-21 in Attachment 1 depict the physical APE limits. In total, the assumed physical APE for building demolition includes approximately 20.78 acres, and the APE for access roads includes approximately 20.56 acres. If physical impacts are anticipated outside of these boundaries, additional consultation with consulting parties would be initiated to refine the physical APE prior to demolition activities. The APE for non-physical effects comprises the boundaries of the NRHP-eligible historic district.

**Table 1 - Resources and APE Summary**

<b>Building Number</b>	<b>MIHP Number</b>	<b>Building Name</b>	<b>Farm</b>	<b>APE Buffer and Notes</b>	<b>APE Acreage</b>
0009	PG:61-17	Range 3	North Farm	APE includes footprint of building plus a 30-foot buffer	0.89
0011A	PG:61-87	Bioscience Research Building	North Farm	APE includes footprint of building plus a 30-foot buffer	1.19
0018	PG:61-34	Smallwood House	North Farm	APE includes footprint of building plus a 30-foot buffer	0.22
0038	PG:61-79	Potato House	North Farm	APE includes footprints of Buildings 038, 039, 040, and 041 plus 30-foot buffer	0.48
0039	PG:61-80	Bulb House	North Farm	APE includes footprints of Buildings 038, 039, 040, and 041 plus 30-foot buffer	0.48
0040	PG:61-81	Fruit Storage House	North Farm	APE includes footprints of Buildings 038, 039, 040, and 041 plus 30-foot buffer	0.48
0041	PG:61-81	Fallout Shelter	North Farm	APE includes footprints of Buildings 038, 039, 040, and 041 plus 30-foot buffer	0.48
0044	N/A	Storage	North Farm	APE includes footprint of building plus a 30-foot buffer	0.24
0050	PG:61-83	Headhouse with Greenhouse	North Farm	APE includes footprint of building and associated greenhouses plus a 30-foot buffer	1.44
0060	PG:66-79	Service Building D	South Farm	APE includes building footprint plus 30-foot buffer	0.82
0085	PG:67-45	Granary Building	Linkage Farm	APE includes building footprint plus 30-foot buffer	0.73
0085A	PG:67-62	Granary Service Building	Linkage Farm	APE includes building footprint plus 30-foot buffer	0.2
0085B	PG:67-76	Granary Garage	Linkage Farm	APE includes building footprint plus 30-foot buffer	0.19
0156	PG:67-46	Road Shelter	Central Farm	APE includes building footprint and 30-foot buffer	0.12
0166A	PG:67-47	Silo Shed	Central Farm	APE includes footprint of building and silo farm plus a 30-foot buffer	0.25
0204A	PG:62-43	Post-Mortem Building	Central Farm	APE includes footprints of Buildings 204A and 205 plus 30-foot buffer	0.37
0205	PG:62-44	Meat Laboratory	Central Farm	APE includes footprints of Buildings 204A and 205 plus 30-foot buffer	0.37
0209B	PG:62-13	Walnut Grange Smokehouse	Central Farm	APE includes building footprint plus a 10-foot buffer	0.02
0288	N/A	Storage	Central Farm	APE includes building footprint plus a 30-foot buffer	0.31
0321	N/A	Eradiation Laboratory/Barn	Central Farm	APE includes footprints of Buildings 321, 321A, 321B, 322, 323, 324, 324A, and 324B plus 30-foot buffer	1.96



<b>Building Number</b>	<b>MIHP Number</b>	<b>Building Name</b>	<b>Farm</b>	<b>APE Buffer and Notes</b>	<b>APE Acreage</b>
0321A	N/A	Walk-In-Box	Central Farm	APE includes footprints of Buildings 321, 321A, 321B, 322, 323, 324, 324A, and 324B plus 30-foot buffer	1.96
0321B	N/A	Walk-In-Box	Central Farm	APE includes footprints of Buildings 321, 321A, 321B, 322, 323, 324, 324A, and 324B plus 30-foot buffer	1.96
0322	N/A	Cattle Barn/Office	Central Farm	APE includes footprints of Buildings 321, 321A, 321B, 322, 323, 324, 324A, and 324B plus 30-foot buffer	1.96
0323	N/A	Bull Barn	Central Farm	APE includes footprints of Buildings 321, 321A, 321B, 322, 323, 324, 324A, and 324B plus 30-foot buffer	1.96
0324	N/A	Garage and Implement Shed	Central Farm	APE includes footprints of Buildings 321, 321A, 321B, 322, 323, 324, 324A, and 324B plus 30-foot buffer	1.96
0324A	N/A	Garage and Implement Shed	Central Farm	APE includes footprints of Buildings 321, 321A, 321B, 322, 323, 324, 324A, and 324B plus 30-foot buffer	1.96
0324B	N/A	Garage and Implement Shed	Central Farm	APE includes footprints of Buildings 321, 321A, 321B, 322, 323, 324, 324A, and 324B plus 30-foot buffer	1.96
0327	N/A	Growth Chamber Box	Central Farm	APE includes building footprint plus 30-foot buffer	0.26
0328	N/A	Food and Drug Laboratory	Central Farm	APE includes building footprint plus 30-foot buffer	0.16
0333	N/A	Quarantine Building/Dog Kennel	Central Farm	APE includes building footprint plus 30-foot buffer	0.14
0334	N/A	Parasite Investigation Laboratory	Central Farm	APE includes building footprint plus 30-foot buffer	0.22
0335	N/A	Parasitic Brooder House	Central Farm	APE includes footprints of Buildings 335 and 335A plus a 30-foot buffer	0.28
0335A	N/A	Insectary/Low Storage	Central Farm	APE includes footprints of Buildings 335 and 335A plus a 30-foot buffer	0.28
0335B	N/A	Feed Barn	Central Farm	APE includes building footprint plus a 30-foot buffer	0.21
0336B	N/A	Hog Shed	Central Farm	APE includes footprint of building with 10-foot buffer	0.02
0336C	N/A	Hog Shed	Central Farm	APE includes footprint of building with 10-foot buffer	0.02

<b>Building Number</b>	<b>MIHP Number</b>	<b>Building Name</b>	<b>Farm</b>	<b>APE Buffer and Notes</b>	<b>APE Acreage</b>
0337	N/A	Laboratory	Central Farm	APE includes footprints of Buildings 337, 337A, 337B, 338A, and 338B plus a 30-foot buffer	0.77
0337A	N/A	Swine Research	Central Farm	APE includes footprints of Buildings 337, 337A, 337B, 338A, and 338B plus a 30-foot buffer	0.77
0337B	N/A	Storage	Central Farm	APE includes footprints of Buildings 337, 337A, 337B, 338A, and 338B plus a 30-foot buffer	0.77
0338	N/A	Coccidiosis Laboratory	Central Farm	APE includes building footprint plus 30-foot buffer	0.19
0338A	N/A	Laboratory/Storage	Central Farm	APE includes footprints of Buildings 337, 337A, 337B, 338A, and 338B plus a 30-foot buffer	0.77
0338B	N/A	Animal Building	Central Farm	APE includes footprints of Buildings 337, 337A, 337B, 338A, and 338B plus a 30-foot buffer	0.77
0339C	N/A	Animal Shed	Central Farm	APE includes footprints of Buildings 339C and 339D plus 30-foot buffer	0.3
0339D	N/A	Animal Research Building	Central Farm	APE includes footprints of Buildings 339C and 339D plus 30-foot buffer	0.3
0339F	N/A	Laboratory	Central Farm	APE includes footprint of building plus a 30-foot buffer	0.28
0340	N/A	Swine Barn	Central Farm	APE includes footprints of Buildings 340 and 342 plus 30-foot buffer	0.31
0341R	N/A	Hog Shed	Central Farm	APE includes building footprint and 10-foot buffer	0.01
0342	N/A	Hog Shed	Central Farm	APE includes footprints of Buildings 340 and 342 plus 30-foot buffer	0.31
0342A	N/A	Hog Shed	Central Farm	APE includes building footprint and 10-foot buffer	0.02
0342B	N/A	Hog Shed	Central Farm	APE includes building footprint and 10-foot buffer	0.02
0342C	N/A	Hog Shed	Central Farm	APE includes building footprint and 10-foot buffer	0.02
0342D	N/A	Hog Shed	Central Farm	APE includes building footprint and 10-foot buffer	0.02
0344	N/A	Sheep Barn	Central Farm	APE includes building footprint and 30-foot buffer	0.22
0357	N/A	Food and Drug Barn	Central Farm	APE includes building footprint and 30-foot buffer	0.16

<b>Building Number</b>	<b>MIHP Number</b>	<b>Building Name</b>	<b>Farm</b>	<b>APE Buffer and Notes</b>	<b>APE Acreage</b>
0362	N/A	Storage	Central Farm	APE on east side of access road and includes footprints of Buildings 362, 363, and 364 plus 30- foot buffer	0.13
0363	N/A	Storage	Central Farm	APE on east side of access road and includes footprints of Buildings 362, 363, and 364 plus 30- foot buffer	0.13
0364	N/A	Storage	Central Farm	APE on east side of access road and includes footprints of Buildings 362, 363, and 364 plus 30- foot buffer	0.13
0369	N/A	Log House	Central Farm	APE on west side of access road and includes footprints of Buildings 369, 369A, and 369B plus 30- foot buffer	0.14
0370	N/A	Poultry House	Central Farm	APE on west side of access road and includes footprints of Buildings 370, 371, 372, 373, 374, 375, 376, 377, 378, 385, and 385A plus 30-foot buffer	0.39
0371	N/A	Poultry House	Central Farm	APE on west side of access road and includes footprints of Buildings 370, 371, 372, 373, 374, 375, 376, 377, 378, 385, and 385A plus 30-foot buffer	0.39
0372	N/A	Poultry House	Central Farm	APE on west side of access road and includes footprints of Buildings 370, 371, 372, 373, 374, 375, 376, 377, 378, 385, and 385A plus 30-foot buffer	0.39
0373	N/A	Poultry House	Central Farm	APE on west side of access road and includes footprints of Buildings 370, 371, 372, 373, 374, 375, 376, 377, 378, 385, and 385A plus 30-foot buffer	0.39
0374	N/A	Poultry House	Central Farm	APE on west side of access road and includes footprints of Buildings 370, 371, 372, 373, 374, 375, 376, 377, 378, 385, and 385A plus 30-foot buffer	0.39
0375	N/A	Poultry House	Central Farm	APE on west side of access road and includes footprints of Buildings 370, 371, 372, 373, 374, 375, 376, 377, 378, 385, and 385A plus 30-foot buffer	0.39
0376	N/A	Poultry House	Central Farm	APE on west side of access road and includes footprints of Buildings 370, 371, 372, 373, 374, 375, 376, 377, 378, 385, and 385A plus 30-foot buffer	0.39

<b>Building Number</b>	<b>MIHP Number</b>	<b>Building Name</b>	<b>Farm</b>	<b>APE Buffer and Notes</b>	<b>APE Acreage</b>
0377	N/A	Poultry House	Central Farm	APE on west side of access road and includes footprints of Buildings 370, 371, 372, 373, 374, 375, 376, 377, 378, 385, and 385A plus 30-foot buffer	0.39
0378	N/A	Field Pen/Storage	Central Farm	APE on west side of access road and includes footprints of Buildings 370, 371, 372, 373, 374, 375, 376, 377, 378, 385, and 385A plus 30-foot buffer	0.39
0385	N/A	Pole Shed	Central Farm	APE on west side of access road and includes footprints of Buildings 370, 371, 372, 373, 374, 375, 376, 377, 378, 385, and 385A plus 30-foot buffer	0.39
0385A	N/A	Storage Shed	Central Farm	APE on west side of access road and includes footprints of Buildings 370, 371, 372, 373, 374, 375, 376, 377, 378, 385, and 385A plus 30-foot buffer	0.39
0391	N/A	Animal Shelter	Central Farm	APE includes building footprint plus a 30-foot buffer	0.37
0467	PG:62-61	Entomology C Building, Headhouse & Greenhouse	Central Farm	APE includes footprints of Buildings 467 and 487 plus a 30-foot buffer	0.45
0468	PG:62-62	Laboratory "C" Annex	Central Farm	APE includes footprints of Buildings 468 and 469-1 plus a 30-foot buffer	0.29
0469-1	N/A	Laboratory	Central Farm	APE includes footprints of Buildings 468 and 469-1 plus a 30-foot buffer	0.29
0470	PG:62-63	Headhouse & Greenhouses	Central Farm	APE includes footprint of building and associated greenhouses plus a 30-foot buffer	0.79
0470B	PG:62-64	Quonset Insecticide Storage Building	Central Farm	APE includes footprints of Buildings 470B and 488 plus a 30-foot buffer	0.39
0472	PG:62-51	Spray Mixing Shed	Central Farm	APE includes building footprint plus 30-foot buffer	0.21
0473	PG:62-52	Mushroom Houses	Central Farm	APE includes footprints of Buildings 473, 474, and 475 plus 30-foot buffer	0.26
0474	PG:62-52	Mushroom Houses	Central Farm	APE includes footprints of Buildings 473, 474, and 475 plus 30-foot buffer	0.26
0475	PG:62-53	Mushroom Houses	Central Farm	APE includes footprints of Buildings 473, 474, and 475 plus 30-foot buffer	0.26
0476	PG:62-54	Entomology Laboratory A	Central Farm	APE includes building footprint plus 30-foot buffer	0.39



<b>Building Number</b>	<b>MIHP Number</b>	<b>Building Name</b>	<b>Farm</b>	<b>APE Buffer and Notes</b>	<b>APE Acreage</b>
0485	PG:62-54	Storage Shed	Central Farm	APE includes building footprint plus 10-foot buffer	0.01
0487	PG:62-66	Walk-In-Box	Central Farm	APE includes footprints of Buildings 467 and 487 plus a 30-foot buffer	0.45
0488	PG:62-66	Walk-In-Box	Central Farm	APE includes footprints of Buildings 470B and 488 plus a 30-foot buffer	0.39
0524	PG:64-22	Gas Station	East Farm	APE includes building footprint plus a 10-foot buffer	0.03
0541C	PG:64-24	Hog House	East Farm	APE will include building footprint plus a 10-foot buffer	0.04
0541D	PG:64-24	Hog House	East Farm	APE will include building footprint plus a 10-foot buffer	0.04
0543	PG:64-25	Main Dog Kennel and Animal Shed	East Farm	APE includes footprints of Buildings 543 and 543A plus a 30-foot buffer	0.44
0543A	PG:64-25	Main Dog Kennel and Animal Shed	East Farm	APE includes footprints of Buildings 543 and 543A plus a 30-foot buffer	0.44
1002	PG:67-50	Feed Barn	Central Farm	APE includes footprints of Buildings 1002 and 1005 plus a 15-foot buffer	0.26
1005	PG:67-51	Pen Barn	Central Farm	APE includes footprints of Buildings 1002 and 1005 plus a 15-foot buffer	0.26
1052	PG:67-52	Chemical Storage Building	Central Farm	APE includes footprints of Buildings 1052, 1053, and 1054 plus a 10-foot buffer	0.05
1053	PG:67-53	Storage Building	Central Farm	APE includes footprints of Buildings 1052, 1053, and 1054 plus a 10-foot buffer	0.05
1054	N/A	Storage	Central Farm	APE includes footprints of Buildings 1052, 1053, and 1054 plus a 10-foot buffer	0.05
1062	PG:67-54	Horse and Cattle Barn	Central Farm	APE includes building footprint plus a 20-foot buffer	0.16
1063	PG:67-55	Horse and Cattle Barns	Central Farm	APE includes building footprint plus a 20-foot buffer	0.16
1064	PG:67-55	Horse and Cattle Barns	Central Farm	APE includes building footprint plus a 30-foot buffer	0.22
1070	PG:67-63	Superintendent's House & Garage	Central Farm	APE includes footprints of Buildings 1070 and 1071 plus 30-foot buffer	0.34
1071	PG:67-63	Superintendent's House & Garage	Central Farm	APE includes footprints of Buildings 1070 and 1071 plus 30-foot buffer	0.34
1072	N/A	Foreman's Residence/Office	Central Farm	APE includes footprints of Buildings 1072 and 1073 plus 30-foot buffer	0.29
1073	N/A	Foreman's House Garage	Central Farm	APE includes footprints of Buildings 1072 and 1073 plus 30-foot buffer	0.29

<b>Building Number</b>	<b>MIHP Number</b>	<b>Building Name</b>	<b>Farm</b>	<b>APE Buffer and Notes</b>	<b>APE Acreage</b>
1092	N/A	Water Pumping House, Well 9	Central Farm	APE includes building footprint plus a 10-foot buffer	0.06
1100	PG:67-56	Parasitological Laboratory	Central Farm	APE includes building footprint plus a 20-foot buffer	0.24
1104	PG:67-57	Field Pen	Central Farm	APE includes building footprint plus a 20-foot buffer	0.07
1120	PG:67-58	Pathological Laboratory	Central Farm	APE includes building footprint plus a 30-foot buffer	0.23
1183	PG:67-60	Water Pumping House, Well, 10	Central Farm	APE includes building footprint plus a 10-foot buffer	0.03
1205	N/A	Animal Pen	Central Farm	APE includes building footprint plus a 10-foot buffer	0.04
1287	PG:67-61	Poultry Laboratories	Central Farm	APE includes footprints of buildings 1287, 1288, 1289, and 1292 plus 30-foot buffer	0.46
1288	N/A	Laboratory	Central Farm	APE includes footprints of buildings 1287, 1288, 1289, and 1292 plus 30-foot buffer; See Photograph 175 and Figure 1, Sheet 14	0.46
1289	PG:67-61	Poultry Laboratories	Central Farm	APE includes footprints of buildings 1287, 1288, 1289, and 1292 plus 30-foot buffer	0.46
1292	PG:67-61	Poultry Laboratories	Central Farm	APE includes footprints of buildings 1287, 1288, 1289, and 1292 plus 30-foot buffer	0.46
1328	PG:67-65	Colony Brooder Houses	Central Farm	APE includes footprints of buildings 1328 and 1329 plus a 30-foot buffer	0.22
1329	PG:67-65	Colony Brooder Houses	Central Farm	APE includes footprints of buildings 1328 and 1329 plus a 30-foot buffer	0.22
1330	N/A	Storage Shed	Central Farm	APE includes building footprint plus a 10-foot buffer	0.05
1390	N/A	Storage	Central Farm	APE includes building footprint plus a 10-foot buffer	0.04
1422	PG:67-66	Swine Research	Central Farm	APE includes footprints of Buildings 1422 and 1425 plus a 30-foot buffer	0.46
1425	PG:67-67	Swine Products Barn	Central Farm	APE includes footprints of Buildings 1422 and 1425 plus a 30-foot buffer	0.46

### 9. Describe steps taken to identify historic properties:

Under USDA-ARS's responsibilities outlined in Section 110 of the NHPA, BARC was first documented as a historic property in the 1970s with updated survey and an official NRHP eligibility determination occurring in 1998. The boundaries of the NRHP district include the entire 6,582-acre research center (Attachment 1: Figure 1). It is eligible under both NRHP Criteria A and C for its historic associations and as a designed landscape.

Under NRHP Criterion A, the facility is significant for its role in “the development of a national center for agriculture experimentation and testing” (Farris 2017a). It maintains associations with the New Deal and Federal Depression-era programs of the 1930s and 1940s, and the “diversity of the scientific research conducted at BARC has influenced many aspects of 20th century living for the farmer as well as the consumer” (P.A.C. Spero & Company 1998).

Under NRHP Criterion C, the facility is significant as a designed landscape with significant influences from “the planning team of A.D. Taylor, landscape architect, and Delos Smith, architect” during the 1930s. It also maintains associations with the Public Works Administration (PWA) and the Civilian Conservation Corps (CCC) and was influenced by the individual divisions within BARC and their research missions. Contributing features of the landscape include “major paved roads, including Powder Mill Road, minor service roads, field and research crops, pasture lands, seasonal ponds, forests, sustainable meadows, other landscape features, and buildings” (P.A.C. Spero & Company 1998). The district’s period of significance extends from the facility’s founding in 1910 through its reclassification as a regional research facility in 1984.

USDA-ARS maintains a 6-volume set of the original Historic Site Survey (report PR 299), and a number of both systematic and piecemeal documentation efforts have occurred in the intervening years to identify contributing elements of the district. In 2017, an addendum to the significance statement for the district further defined relevant historic contexts for evaluation of contributing resources, some of which extend further into the twentieth century. Significant themes identified included the Federal role in agricultural research, experimental agricultural research, New Deal policies and programs, landscape architecture, experimental agricultural architecture, and Georgian Revival architecture, each encompassing numerous subthemes. Buildings and structures proposed for demolition across the facility’s five farms encompass the entire period of significance and most of the relevant themes (Attachment 1: Figure 1).

Finally, in August 2021, USDA-ARS submitted a determination of eligibility request for 60 of the subject buildings within the district that are of historic-age but did not have formal NRHP eligibility determinations. The Maryland Historical Trust (MHT) concurred that the buildings and structures contribute to the NRHP-eligible historic district in September 2021.

Due to the amount of relevant material, the relevant identification studies are not attached to this submittal. Instead, interactive mapping, photographs, MHT Determination of Eligibility (DOE) Forms, and previous surveys and studies of the campus and the subject buildings are being hosted at a website accessible to the public and prospective consulting parties available at:

<https://www.ars.usda.gov/northeast-area/beltsville-md-barc/beltsville-agricultural-research-center/docs/barc-demolition-project/>.

**10. Describe the historic property** (or properties) and any National Historic Landmarks within the APE (or attach documentation or provide specific link to this information):

Buildings within all five farms comprising the BARC historic district are slated for demolition. The farms and associated buildings are described briefly below; however, more detailed information is available at:

<https://www.ars.usda.gov/northeast-area/beltsville-md-barc/beltsville-agricultural-research-center/docs/barc-demolition-project/>

### **I. North Farm**

The North Farm includes 549 acres initially acquired in 1933 and expanded in 1940 by the Bureau of Plant Industry (BPI) (Attachment 1: Figures 1 and 2). It is located northeast of the South Farm and

features “cultivated farmland to the west and a densely developed area to the east” (Farris 2017a). It is roughly bounded “on the east by U.S. Route 1 (a major Beltsville arterial roadway); by woodland, I-95 and Cherry Hill Road to the west; woodland and I-495 to the south; and Sellman road to the north” (Robinson & Associates et al. 1998). The farm comprises two distinct areas divided by Little Paint Branch Creek, which runs north to south through the farm, and three distinct land use zones: administration, laboratory research, and field crops research.

Most of the built environment associated with the North Farm was constructed between 1932 and 1944. Under NRHP Criterion A, the North Farm is significant for its associations “with events related to long standing research on a national level and...with events and federal programs under the New Deal” (Robinson & Associates et al. 1998). Under Criterion C, it is significant for its professionally designed master plan created by National Park Service (NPS) landscape architect Malcom Kirkpatrick and the incorporation of Georgian Revival style architecture, which became the primary aesthetic for the BARC campus (Robinson & Associates et al. 1998).

In 1933, the PWA allocated funds to the North Farm site “for land clearing, drainage and water lines, irrigation system installation, road and fence construction and electric service” (Robinson & Associates et al. 1998). The following year, the Civil Works Administration (CWA) allotted additional funds for improvements. Many of the features from this period remain part of the landscape today including “bridge locations...[an] irrigation reservoir, storage buildings, various portions of roads, ditch and drainage systems and the Little Paint Branch Creek levee” (Robinson & Associates et al. 1998).

The North Farm landscape is characterized by “lawns, specimen trees, and beds of shrubs, perennials and annuals.” In the administrative zone, plantings are “fairly formal,” while “foundation plantings at the outbuildings, associated with research fields, appear informal and somewhat arbitrary” (Robinson & Associates et al. 1998). Eight contributing buildings are planned for demolition and inclusion in the PA within the North Farm: 0009, 0011A, 018, 0038, 0039, 0040, 0041, and 0050. They were constructed between circa 1934 to 1974, and applicable historic themes as identified in relevant contexts include:

- Federal role in agricultural research
- Experimental agricultural research
- New Deal policies and programs
- Experimental agricultural architecture
- Georgian Revival architecture
- Landscape architecture

## **II. South Farm**

The 367-acre South Farm is located near the southeastern boundary of the BARC campus and comprises “open cultivated fields with a small number of farm buildings on land purchased by the Bureau of Plant Industry [BPI] between 1941 and 1943 for plant research” (Farris 2017a) (Attachment 1: Figures 1 and 2). The farm is defined primarily by research fields accessed “via a two-lane paved road from Cherry Hill Road on the eastern side of the farm” (Robinson & Associates et al. 1998). Like the North Farm, the South Farm is separated into two sections by Little Paint Branch Creek; the land east of creek comprises primarily “flat bottomland,” while land to the west is “both flat bottomland and rolling hillside” (Robinson & Associates et al. 1998).

Under Criterion A, the South Farm is significant for its associations “with events related to long standing agricultural research on a national level and...events and federal programs initiated under the New Deal” (Robinson & Associates et al. 1998). Though Criterion C is not specifically referenced in the 1998 NRHP assessment of the South Farm, the fields, roads, and other landscape features associated with the farm are



identified as significant to the overall landscape of the BARC Campus.

One building (Building 60, Service Building D) is slated for demolition within the South Farm. It was constructed in 1942 and maintains associations with the following historic themes:

- Federal role in agricultural research
- Experimental agricultural research
- Experimental agricultural architecture
- Georgian Revival architecture

### **III. Linkage Farm**

The Linkage Farm contains approximately 460 acres and connects the North Farm and the Central Farm (Attachment 1: Figures 1 and 2). It lies across Route 1 from the North Farm and includes two noncontiguous tracts of approximately 310 acres and 150 acres respectively (Robinson & Associates et al. 1998). In addition to the National Agricultural Library and the George Washington Carver Center, the farm comprises primarily open and cultivated fields (Farris 2017a). The buildings to be demolished in the Linkage Farm include a granary complex located on the 150-acre tract. This tract is bounded by “Powder Mill Road, the Baltimore and Ohio Railroad, Edmonston Road, and Interstate 495” and divided by Sunnyside Road.

The granary complex, “which served as a processing plant for regular feeding operations for the Bureau of Dairy Industry [BDI]” was constructed using PWA funds and represents the only such facility at BARC. Its primary purpose was to prepare feed for dairy and other research cattle, and it was designed by dairy engineers from the facility’s Bureau of Agricultural Engineering. The granary complex provided a cost-effective way to feed the facility’s dairy cattle and contributed to the significant research the BDI conducted, which “led to major improvements for small dairy farms, larger commercial dairies, and dairy production and manufacturing industries nationwide” (Farris 2017b). The complex includes Buildings 085 (Granary Building); 085A (Granary Service Building); and Resource 085B (Granary Garage), all of which are slated for demolition and inclusion in the PA. The buildings maintain associations with the following historic themes:

- Federal role in agricultural research
- Experimental agricultural research
- Experimental agricultural architecture
- New Deal policies and programs

### **IV. Central Farm**

The Central Farm is the oldest of the five farms, comprising approximately 2,980 acres, and contains the majority of resources proposed for demolition and PA inclusion (Attachment 1: Figures 1 and 2). It is adjacent to the Linkage Farm and “contains approximately 12 clusters of farm or research-related buildings, as well as pasture and forested areas” (Farris 2017a). The Central Farm includes the original acreage acquired by USDA in 1910 and originally served “the Bureaus of Dairy Industry and Animal Industry, and their successor organizations” (Farris 2017a).

The Central Farm is significant under Criterion A for its associations with “events related to long standing agricultural research on a national level and...events and federal programs initiated under the New Deal” (Robinson & Associates et al. 1998). Under Criterion C, the farm was developed using a professionally design master plan including specially oriented farmyard layouts. The PWA, CWA, and CCC were all involved in the development and construction of the Central Farm, which reached its zenith during the New Deal era. The team of A.D. Taylor and Delos Smith along with Robert T. Walker, a CCC landscape

architect, were responsible for both building and landscape design during that period.

Additionally, several buildings in the 300 Area Cluster, including 324, 324A, 324B, 328, 333, 334, 338, and 338A, were designed by the Bureau of Agricultural Engineering with input from Dr. Maurice Hall, Chief of the Division of Zoology. These buildings, constructed in 1934, displayed a “similar architectural vocabulary, with the majority of concrete block construction covered with a warm, cream-colored stucco.” Many of the buildings had cornerstones inscribed with their construction date, a detail requested by Dr. Hall (Robinson et al. 1998).

The buildings and landscaping were constructed primarily by CCC workers. There were four CCC camps at BARC between 1933 and 1942, when the majority of the Central Farm was developed, and they were responsible for reshaping “a vernacular, rural landscape into the ‘largest farm demonstration in the world’” (Robinson & Associates et al. 1998). The CCC “played an important role in shaping the landscape of BARC” via installation of utilities, roads, fencing, and other landscaping features (Farris 2017a). Further, at least three African American CCC companies worked at the camp during the period beginning in 1937 (Farris 2017a). Little is known about these workers and their experience at BARC.

The Central Farm “is located at the geographic center of” BARC and “consists primarily of large, open farm fields and pastures at its west end and forests at its east end” (Robinson & Associates et al. 1998). The built resources proposed for PA inclusion are associated with several research missions at the farm including Animal Husbandry, Pathology, Zoological, and Insecticide Divisions of the Bureau of Animal Industry (BAI), and Entomology and Plant Quarantine and are located throughout the farm.

In total, 98 buildings within the Central Farm are proposed for demolition (Table 1). They range in age from 1805 to 1976 with the majority dating from circa 1933 through 1940. They are associated with the following themes as outlined in the applicable contexts for the BARC Historic District:

- Federal role in agricultural research
- Experimental agricultural research
- New Deal policies and programs
- Experimental agricultural architecture
- Georgian Revival architecture
- Landscape architecture

## **V. East Farm**

USDA acquired the approximately 2,225-acre East Farm in the 1930s “for the Bureau of Animal Husbandry and other agencies, including the Soil Conservation Service” (Farris 2017a) (Attachment 1: Figures 1 and 2). Though large in size, the East Farm has only scattered clusters of built resources. Like the Central Farm, the East Farm is significant under NRHP Criterion A for its associations with “events related to long standing agricultural research on a national level and...events and federal programs initiated under the New Deal.” Under NRHP Criterion C, it was developed following a professionally designed master plan and exhibits similar landscape characteristics to the rest of the BARC campus.

The East Farm consists of two tracts bisected by Beaver Dam Creek and private property. It is characterized by a “network of access and service roads, field crops, grazing pastures, and buffer forests” along with 55 buildings or structures in eight primary cluster groups (Robinson & Associates, et al. 1998). Its existence as a planned landscape began in 1934 when the Division of Animal Husbandry, part of the BAI, “produced two land use plans under the direction of division chief E.W. Sheets” (Robinson & Associates, et al. 1998). The Swine Investigation Area, where several of the buildings proposed for demolition are located, was established after 1939 with the majority of the hog houses (i.e. Buildings 541C and 541D) constructed in 1942. Other resources within the farm proposed for demolition include a

dog kennel and auxiliary building (Buildings 543 and 543A) as well as a former gas station (Building h).

**References:**

Farris, Lorin

2017a *Addendum to Maryland Historical Trust Maryland Inventory of Historic Properties Form*. Prepared by AECOM. March 17, 2017.

2017b *Maryland Historical Trust Determination of Eligibility Form: Building 085: Granary, BARC*. PG:67-45. Copy on file at the Maryland Historical Trust.

P.A.C. Spero & Company

1998 *1998 Maryland Historical Trust Determination of Eligibility Form, Beltsville Agricultural Research Center (PG:62-14)*. October 1, 1998. Copy on file at MHT.

Robinson & Associates, Inc. and Rhodeside & Harwell, Inc.

1998 *Final Submittal: Historic Site Survey, Beltsville Agriculture Research Center, Beltsville, Maryland*. Prepared for USDA ARS. Contract No. 53-3K15-5-9071. Task Order Number 14.

**11. Describe the undertaking's effects on historic properties:**

The buildings will be razed, resulting in direct physical effects to the buildings themselves and adverse effects to the overall setting and feeling of the BARC Historic District landscape.

**12. Explain how this undertaking would adversely affect historic properties** (include information on any conditions or future actions known to date to avoid, minimize, or mitigate adverse effects):

The undertaking would have both direct (physical, visual, etc.) and indirect (reasonably foreseeable) effects to the subject historic properties, other contributing features of the NRHP-eligible BARC Historic District, the BARC Historic District itself, and possibly other as yet unidentified resources. A PA is proposed to consider the effects and ways to avoid, minimize, and mitigate them as required under Section 106 of the NHPA.

**13. Provide copies or summaries of the views provided to date by any consulting parties, Indian tribes or Native Hawai'ian organizations, or the public**, including any correspondence from the SHPO and/or THPO.

Attachment 2 includes a copy of the consulting party invitation letter as well as emails and letters from entities who responded.

**III. Additional Information**

**14. Please indicate the status of any consultation that has occurred to date, including whether there are any unresolved concerns or issues the ACHP should know about in deciding whether to participate in consultation.** Providing a list of consulting parties, including email addresses and phone numbers if known, can facilitate the ACHP's review response.

**Table 2: Consulting Parties Summary Table**

<b>Organization/ Agency</b>	<b>Contacts and Title</b>	<b>Email/Phone Number</b>	<b>Address</b>	<b>Status</b>
Accohannock Indian Tribe (state recognized tribe)	Mike Hinman (Tribal Council Chair/Tribal Historian); Pat Carson (Tribal Co-Chairman/Treasurer )	pat_carson12@msn.com 410-968-0194 443-783-0538	P.O. Box 72 Crisfield, MD 21817; P.O. Box 404 Marion Station, MD 21838	No response to date
Choptico Band of Indians (state recognized tribe)	Rico Newman (HPO); Barry Wilson (Appointed Speaker)	rico.newman@gmail.com; barrywilson51@gmail.com 301-744-9553 301-932-4383	3953 Pine Cone Circle Waldorf, MD 20602; PO Box 126 White Plains, MD 20695	No response to date
Conoy Creations (Piscataway Business/Organizations with Maryland Indian Status)	Natalie Standing-on-the-Rock Proctor	piscatawayindians@gmail.com 240-640-7213	16816 Country Ln Waldorf, MD 20601	No response to date
Delaware Nation (Federally recognized tribe)	Deborah Dotson (Tribal President); Erin Paden (Director, Historic Preservation); Dana Kelly	ddotson@delawarenation.com ; epaden@delawarenation-nsn.gov; dkelly@delawarenation.com; 405-247-2448	P.O. Box 825, Anadarko, OK 73005	No response to date
Delaware Tribe of Indians (federally recognized tribe)	Acting Chief, Brad Kills Crow; Susan Bachor (Historic Preservation Representative)	bkillscrow@delawaretribe.org ; sbachor@delawaretribe.com; 610-761-7452 918-337-6590	5100 Tuxedo Blvd Bartlesville, OK 74006 and Delaware Tribe Historic Preservation, Pennsylvania Office, PO Box 64, Pocono Lake, PA 18347	No response to date
Maryland Commission on Indian Affairs	E. Keith Colston (Administrator)	keith.colston@maryland.gov; 410-767-7631	301 W. Preston Street, Suite 1500, Baltimore, MD 21201	No response to date
Maryland Historical Trust	Beth Cole (Administrator, Project Review and Compliance); Becky Roman (Preservation Officer Project Review and Compliance)	beth.cole@maryland.gov; becky.roman@maryland.gov; 410-697-959	100 Community Place, Crownsville, MD 21032	Participating; formal letter pending



<b>Organization/ Agency</b>	<b>Contacts and Title</b>	<b>Email/Phone Number</b>	<b>Address</b>	<b>Status</b>
Maryland Indian Tourism Association (Piscataway Business/Organizations with Maryland Indian Status)	Rico Newman (Choptico Band of Indians)	301-744-9553	P.O. Box 1734 Hyattsville, MS 20788	No response to date
Maryland Milestones Heritage Center	Meagan Baco (Executive Director) and Kirstin Falk (Heritage Programs Project Manager)	meagan@anacostiatrails.org; kirstine@antacostiatrails.org; 301-887-0777	4318 Gallatin Street, Hyattsville, MD 20781	Accepted
National Agricultural Library	Paul Wester (Director); Scott Hanscom (Deputy Director); Sandy Jackson (Administration Office)	paul.wester@usda.gov; 301-504-5248 301-504-5755; scott.hanscom@usda.gov; sandy.jackson@usda.gov	10301 Baltimore Avenue, Beltsville, MD 20705	Accepted
National Capital Planning Commission	Lee Webb; Historic Preservation Specialist	lee.webb@ncpc.gov; 202-482-7200	401 9th Street, NW, Suite 500N, Washington, DC 20004	No response to date
Piscataway Indian Nation (state recognized tribe)	Piscataway Indian Nation	301-932-0808	16816 Country Ln, Waldorf, MD 20601	No response to date
Piscataway Conoy Tribe of Maryland (state recognized tribe)	Tribal Council c/o Diana Harley-Penny; Natalie Standing-on-the-Rock Proctor (Tribal Chair Cedarville Band of Piscataway Indians)	piscatawayindians@gmail.com 240-640-7213 240-210-3232	PO Box 638 Bryans Road, MD 20616; 16816 Country Ln Waldorf, MD 20601	No response to date
Prince George's County Historical Society	Donna Schneider (President)	donna.schneider@exim.gov 301-220-0330	P.O. Box 1513 Upper Marlboro, MD 20773	No Response to date

Organization/ Agency	Contacts and Title	Email/Phone Number	Address	Status
Prince George's County Maryland Planning Department	Howard Berger (Supervisor – Historic Preservation); Andree Green Checkley (Planning Director); Derick Berlage (Active Deputy Director – Planning Department); Jennifer A. Stabler, PhD (Archeology Master Planner); Tyler Smith (Senior Planner)	howard.berger@ppd.mncppc.org; andree.checkley@ppd.mncppc.org; derick.berlage@ppd.mncppc.org; jennifer.stabler@ppd.mncppc.org; tyler.smith@ppd.mncppc.org 301-952-3594	14741 Governor Oden Bowie Drive, County Administration Building, Upper Marlboro, MD 20772	No Response to date

**15 Does your agency have a website or website link where the interested public can find out about this project and/or provide comments? Please provide relevant links:**

<https://www.ars.usda.gov/northeast-area/beltsville-md-barc/beltsville-agricultural-research-center/docs/barc-demolition-project/>

**16. Is this undertaking considered a “major” or “covered” project listed on the Federal Infrastructure Projects Permitting Dashboard? If so, please provide the link:**

No

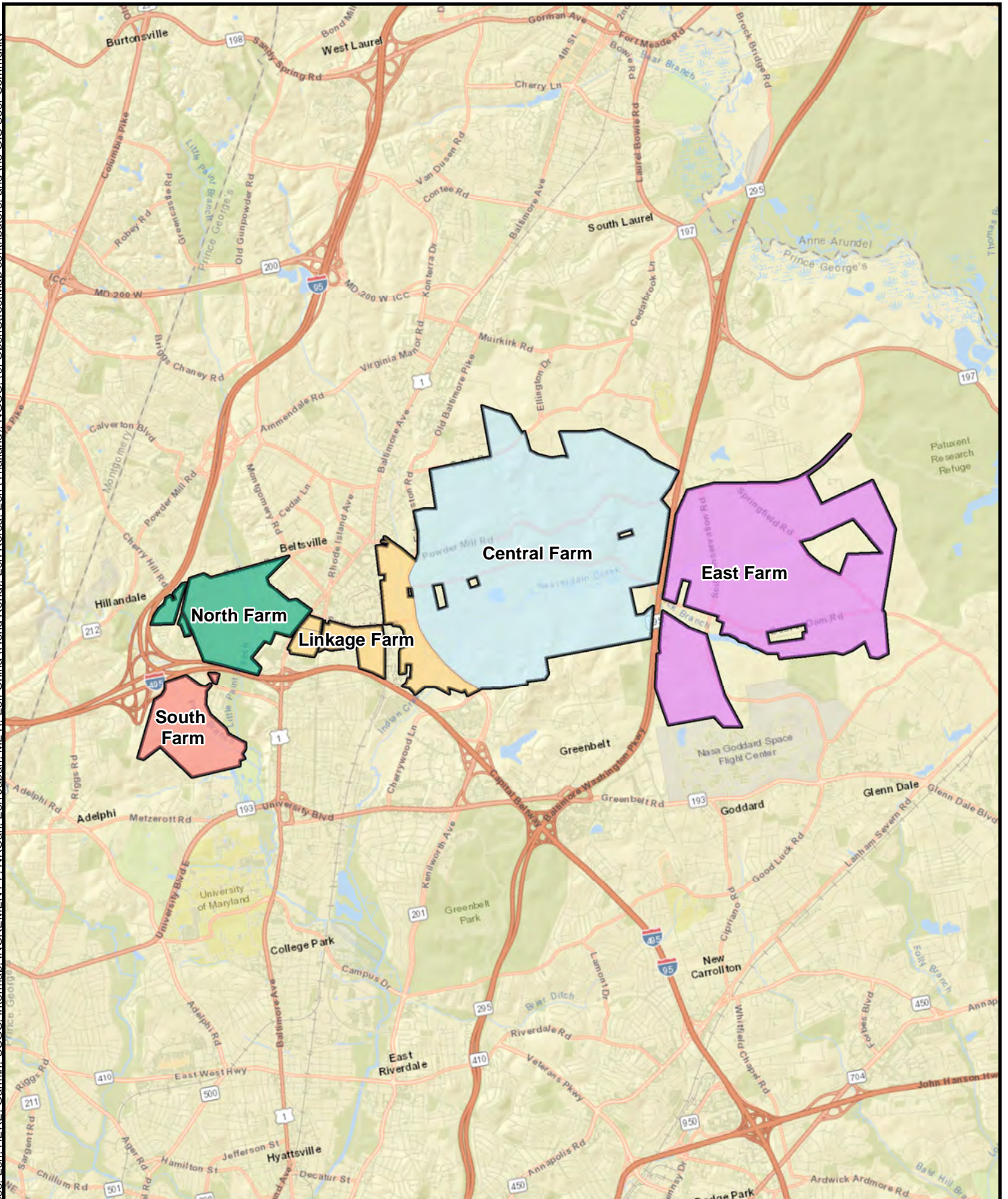
**The following are attached to this form (check all that apply):**

- Section 106 consultation correspondence
- Maps, photographs, drawings, and/or plans
- Additional historic property information
- Consulting party list with known contact information
- Other: <https://www.ars.usda.gov/northeast-area/beltsville-md-barc/beltsville-agricultural-research-center/docs/barc-demolition-project/>

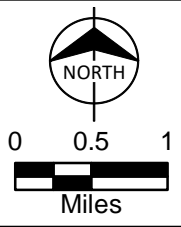
**BARC ACHP ATTACHMENTS COMBINED**

**ATTACHMENT 1 - FIGURES**





- BARC Boundary
- Central Farm
- East Farm
- Linkage Farm
- North Farm
- South Farm



**Figure 1**  
**Project Location**  
**USDA-ARS**  
**Beltsville Agricultural**  
**Research Center**  
**Buildings and Farms**





- Buildings
- Area of Potential Effects-Buildings
- Area of Potential Effects-Roads



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Feet

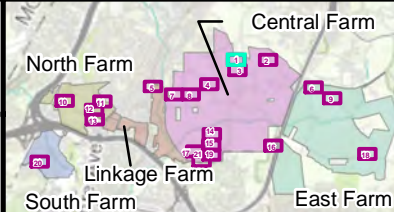


Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 1 of 21





- Buildings
- Area of Potential Effects-Buildings
- Area of Potential Effects-Roads



0 50 100  
Feet

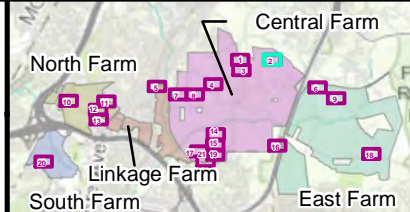
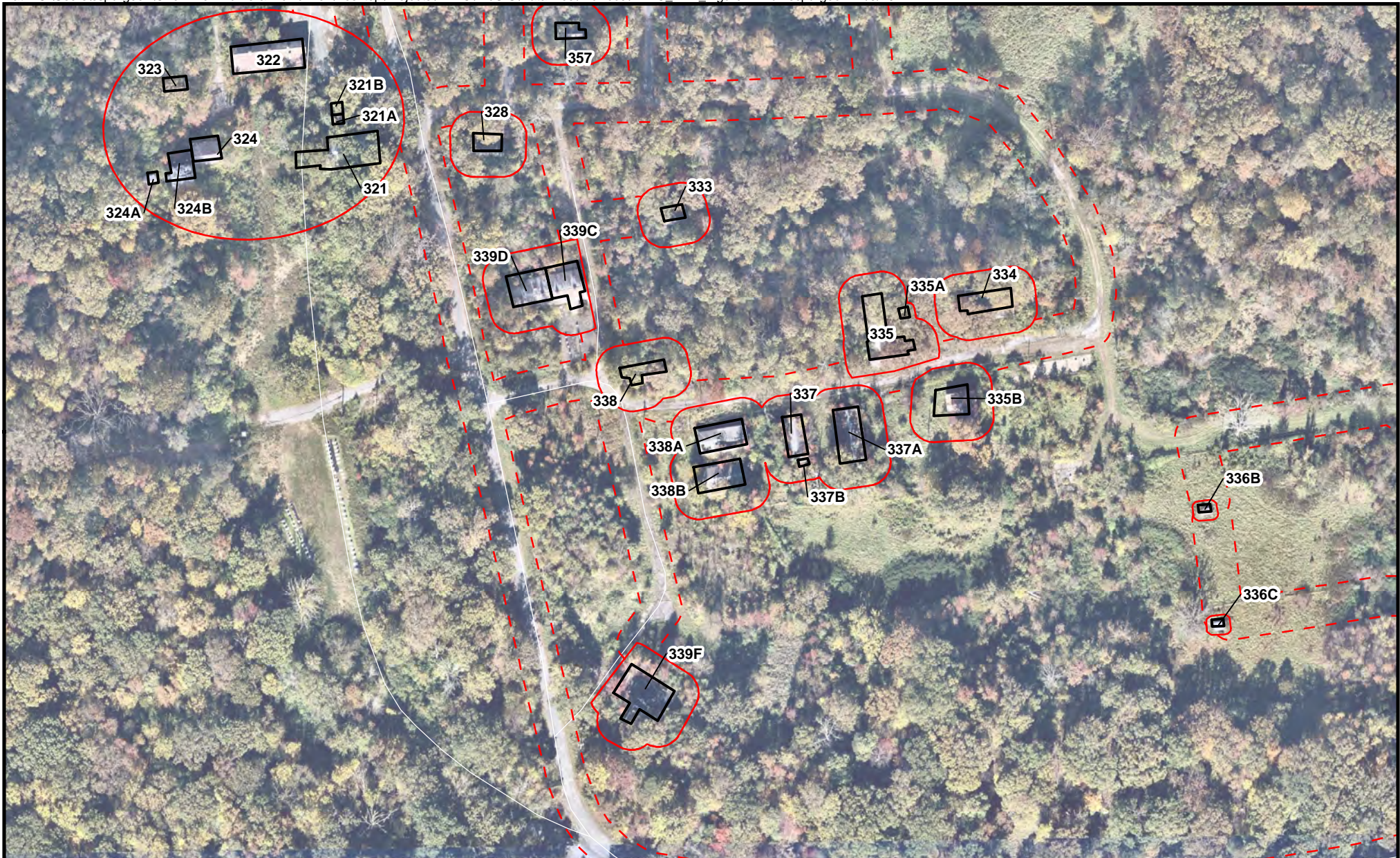


Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 2 of 21





- Buildings
- Area of Potential Effects-Buildings
- Area of Potential Effects-Roads



0 50 100  
Feet

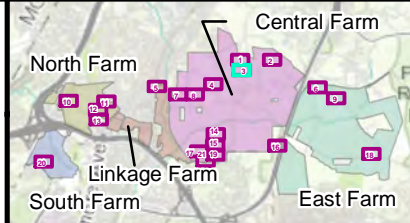


Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 3 of 21





- Buildings
- Area of Potential Effects-Buildings
- Area of Potential Effects-Roads



0 50 100  
Feet

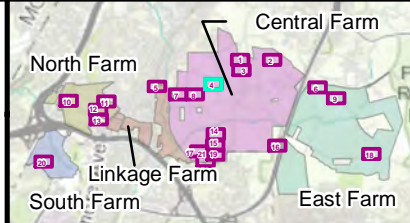


Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 4 of 21



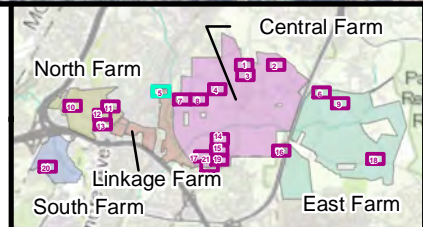
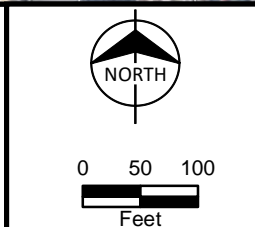
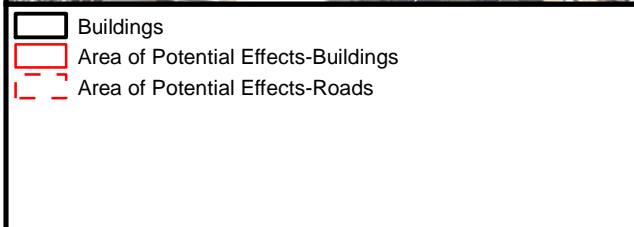
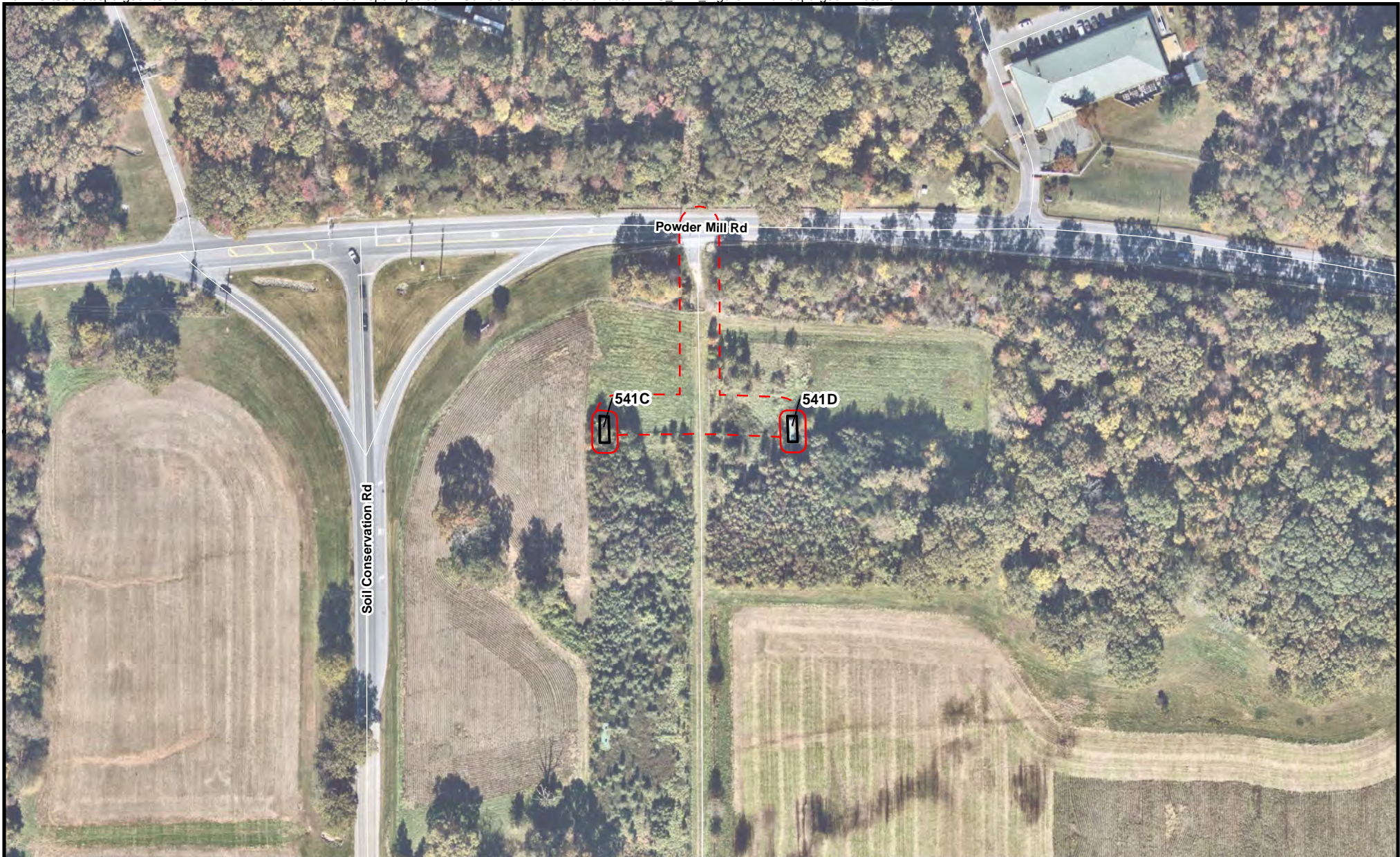


Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 5 of 21





- Buildings
- Area of Potential Effects-Buildings
- Area of Potential Effects-Roads



0 50 100  
Feet

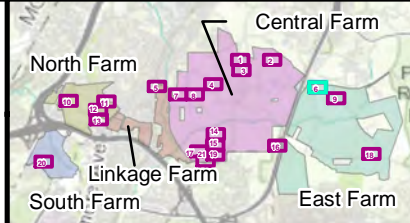


Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 6 of 21





Legend:

- Buildings
- Area of Potential Effects-Buildings
- Area of Potential Effects-Roads

North arrow pointing up.

Scale bar: 0, 50, 100 Feet

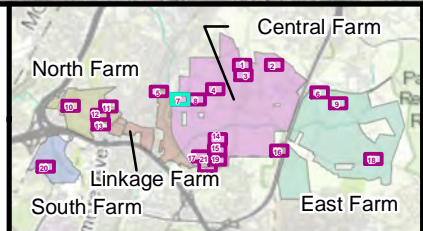


Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 7 of 21





- Buildings
- Area of Potential Effects-Buildings
- Area of Potential Effects-Roads



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Feet

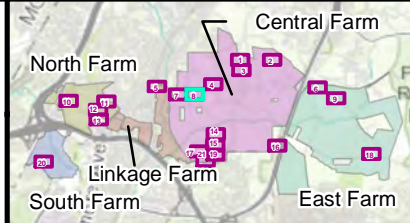


Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 8 of 21





- Buildings
- Area of Potential Effects-Buildings
- Area of Potential Effects-Roads

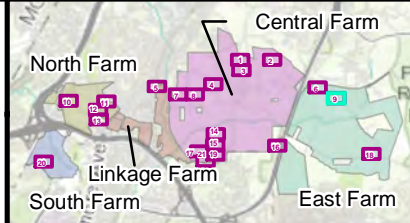
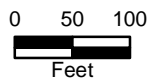


Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 9 of 21



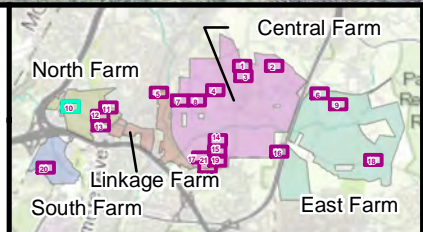
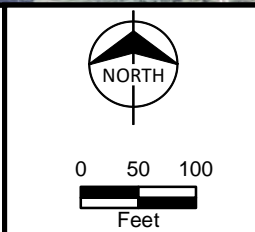
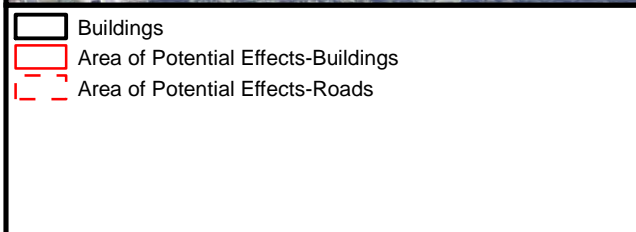
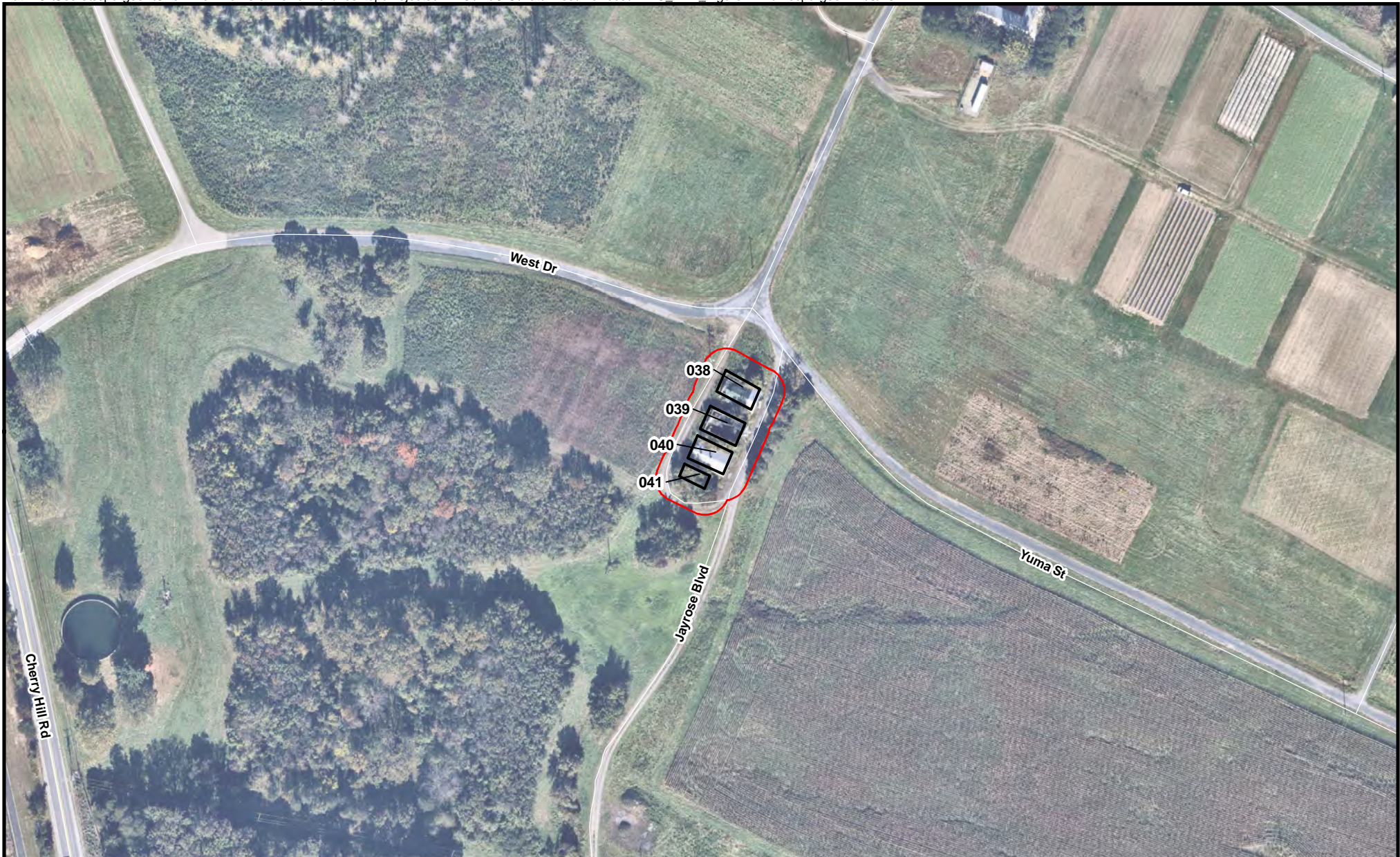





Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 10 of 21





-  Buildings
-  Area of Potential Effects-Buildings
-  Area of Potential Effects-Roads



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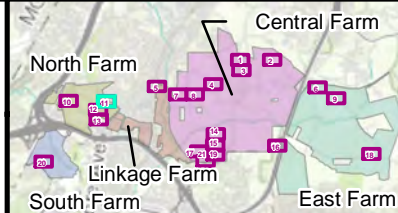


Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 11 of 21





- Buildings
- Area of Potential Effects-Buildings
- Area of Potential Effects-Roads



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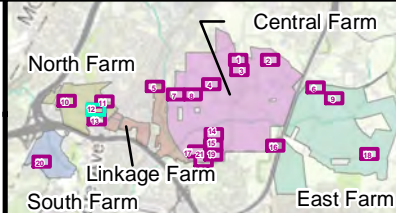
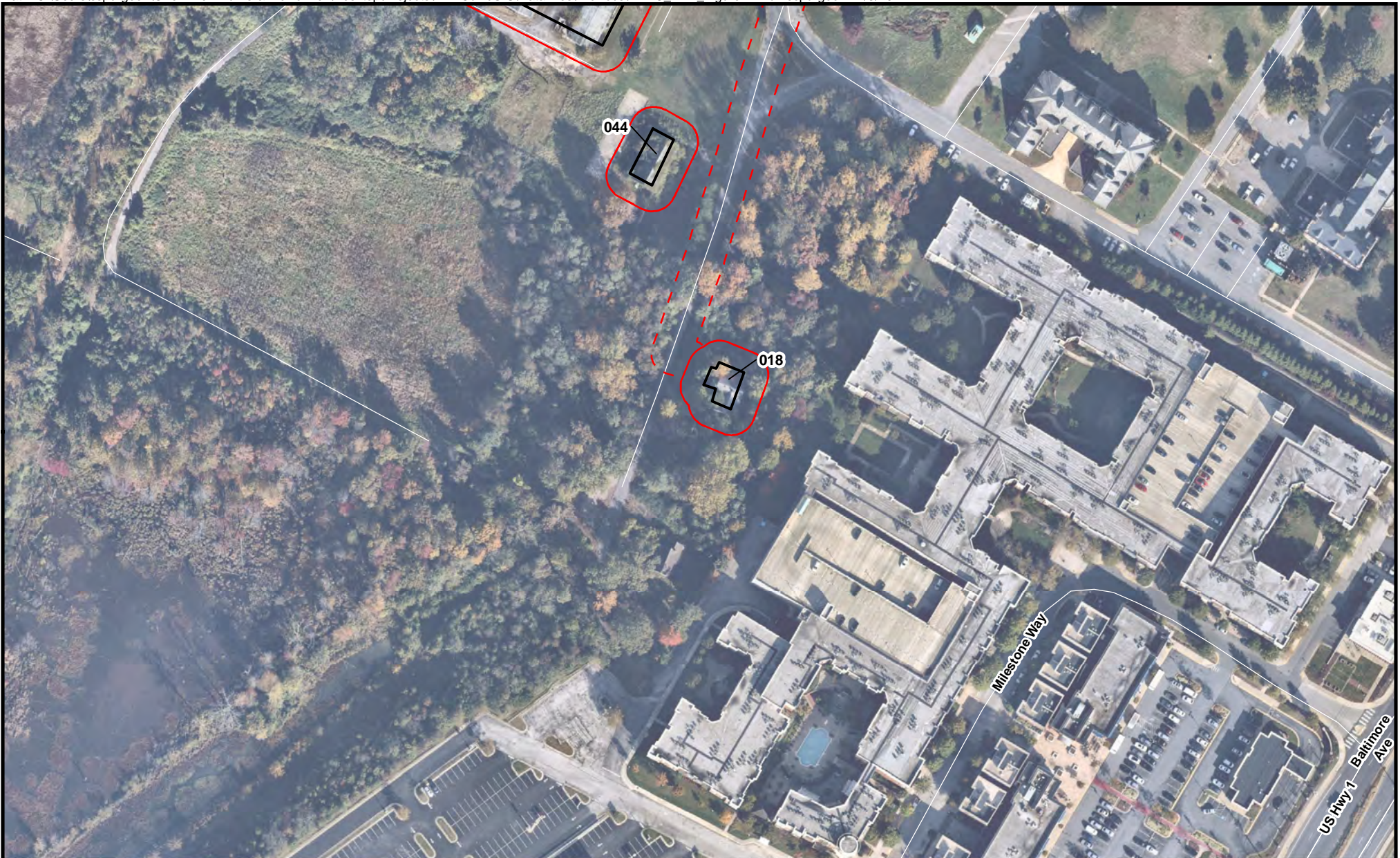


Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 12 of 21





- Buildings
- Area of Potential Effects-Buildings
- Area of Potential Effects-Roads

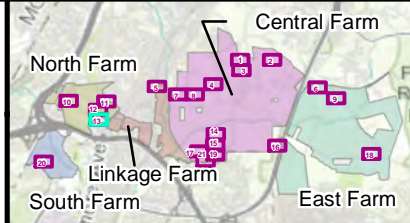
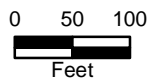


Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 13 of 21





- Buildings
- Area of Potential Effects-Buildings
- Area of Potential Effects-Roads



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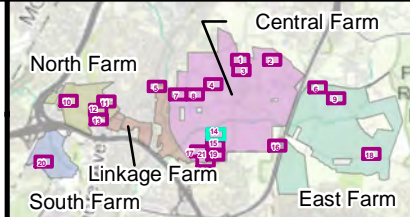





Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 14 of 21





-  Buildings
-  Area of Potential Effects-Buildings
-  Area of Potential Effects-Roads



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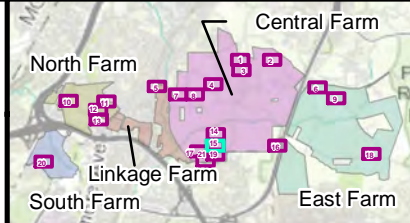





Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 15 of 21





-  Buildings
-  Area of Potential Effects-Buildings
-  Area of Potential Effects-Roads



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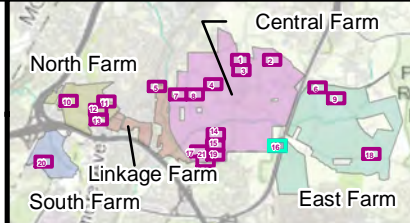


Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 16 of 21





- Buildings
- Area of Potential Effects-Buildings
- Area of Potential Effects-Roads



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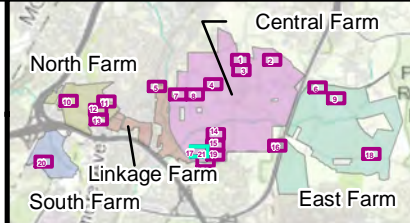
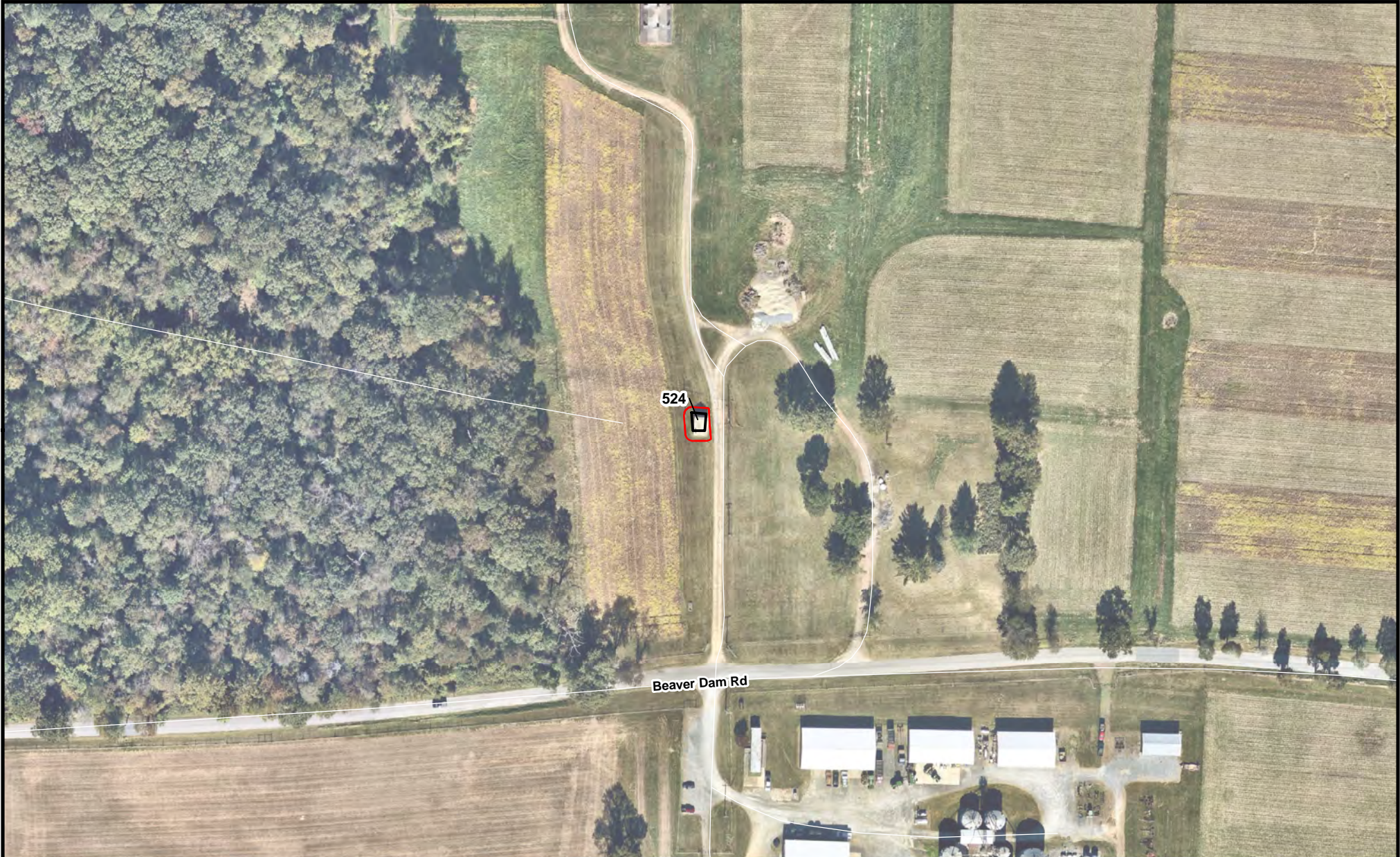


Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 17 of 21





- Buildings
- Area of Potential Effects-Buildings
- Area of Potential Effects-Roads



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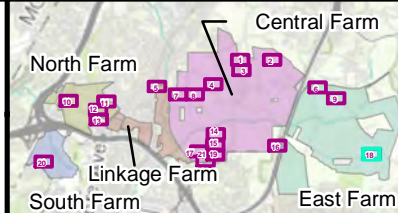


Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 18 of 21





- Buildings
- Area of Potential Effects-Buildings
- Area of Potential Effects-Roads



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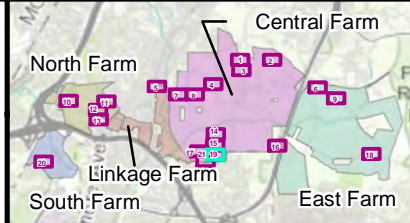


Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 19 of 21





Legend:

- Buildings
- Area of Potential Effects-Buildings
- Area of Potential Effects-Roads

NORTH

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Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 20 of 21



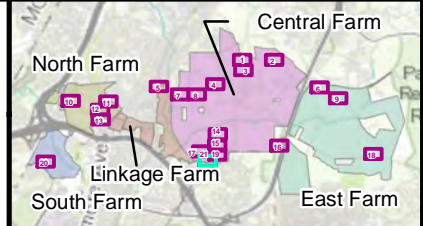
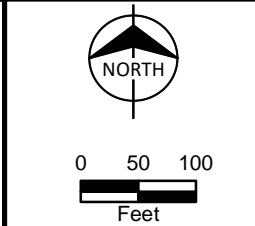
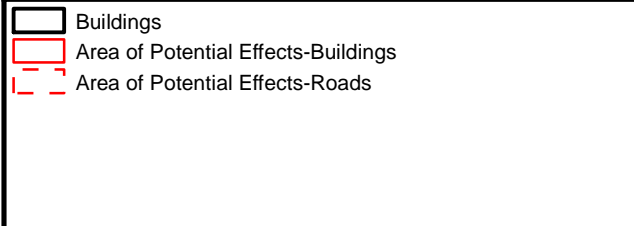


Figure 2  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Building Locations  
Page 21 of 21



**ATTACHMENT 2 - CONSULTING PARTIES  
RESPONSES**



**From:** [Irechukwu, Chizo](#)  
**To:** [Harris, Brandy M](#)  
**Cc:** [Cannon-Mackey, Shari](#)  
**Subject:** FW: [External Email]Consulting Parties Letter of Invitation - Beltsville  
**Date:** Thursday, December 2, 2021 7:00:29 AM  
**Attachments:** [20211201145117671.pdf](#)

---

Good morning Brandy,

I received the attached and below email. Sending it to you for your information and documentation.

Thanks  
Chizo

Chizo Irechukwu  
Asset and Facilities Manager  
p. 301-440-1413  
[Chizo.Irechukwu@usda.gov](mailto:Chizo.Irechukwu@usda.gov)

Agricultural Research Service | North East Area  
Beltsville Agricultural Research Center | Facilities Services  
10300 Baltimore Ave, Bldg. 426, Beltsville, MD 20705

-----Original Message-----

From: Kirstin Falk [<mailto:kirstin@anacostiatrails.org>]  
Sent: Wednesday, December 1, 2021 6:03 PM  
To: Irechukwu, Chizo <[chizo.irechukwu@usda.gov](mailto:chizo.irechukwu@usda.gov)>  
Cc: Meagan Baco <[meagan@anacostiatrails.org](mailto:meagan@anacostiatrails.org)>  
Subject: [External Email]Consulting Parties Letter of Invitation - Beltsville

[External Email]

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To Whom it May Concern,

In response to the November 19, 2021, Consulting Parties Letter of Invitation for the Surplus Building Demolition Initiative at the Beltsville Agricultural Research Center, Prince George's County, Maryland, please accept this email as confirmation of Maryland Milestones/Anacostia Trails Heritage Area's (MM/ATHA) interest in becoming a consulting party to the ongoing Section 106 process. The letter of invitation, addressed to MM/ATHA Executive Director Meagan Baco, is attached for reference.

The Beltsville Agricultural Research Center is located within the existing boundaries of MM/AHTA. As the Maryland State Heritage Area located within Prince George's County, MM/ATHA has significant interest in the proposed undertaking and appreciates the opportunity to participate, as a consulting party, in the continuation of the 106 process and the development of a PA.

I will look for additional communication from the Department of Agriculture and/or their consultants regarding next

steps.

Sincerely,

Kirstin Falk  
Heritage Programs Project Manager  
MARYLAND MILESTONES  
Anacostia Trails Heritage Area, Inc.  
kirstin@anacostiatrails.org

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**From:** [Irechukwu, Chizo](#)  
**To:** [Harris, Brandy M](#)  
**Cc:** [Cannon-Mackey, Shari](#)  
**Subject:** FW: RE: Consulting Parties Invitation - BARC  
**Date:** Wednesday, December 8, 2021 10:13:08 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)

---

Hi Brandy,

Please see the below email.

Thanks  
Chizo

**Chizo Irechukwu**  
**Asset and Facilities Manager**  
p. 301-440-1413  
[Chizo.Irechukwu@usda.gov](mailto:Chizo.Irechukwu@usda.gov)



Agricultural Research Service | North East Area  
Beltsville Agricultural Research Center | Facilities Services  
10300 Baltimore Ave, Bldg. 426, Beltsville, MD 20705

---

**From:** Wester, Paul - ARS  
**Sent:** Wednesday, December 8, 2021 11:11 AM  
**To:** Irechukwu, Chizo <[chizo.irechukwu@usda.gov](mailto:chizo.irechukwu@usda.gov)>  
**Cc:** Hanscom, Scott <[scott.hanscom@usda.gov](mailto:scott.hanscom@usda.gov)>  
**Subject:** RE: Consulting Parties Invitation - BARC

Dear Chizo,  
Responding to your letter of November 19, 2021, I would like to be a consulting party for the "Surplus Building Demolition Initiative" at BARC.

Thank you for your consideration.

Paul





**Paul M. Wester, Jr.**

**(he/him/his)**

**Director, National Agricultural Library**

United States Department of Agriculture

Agricultural Research Service

10301 Baltimore Avenue – Suite 204

Beltsville, Maryland 20705

Desk: 301-504-6694

Cell: 301-602-1468

[Paul.Wester@usda.gov](mailto:Paul.Wester@usda.gov)

<https://www.nal.usda.gov/>

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## Costello, Lydia

---

**From:** Costello, Lydia  
**Sent:** Thursday, June 2, 2022 12:14 PM  
**To:** Costello, Lydia  
**Subject:** FW: [External Email]Development of a Programmatic Agreement for the Demolition of Surplus Buildings at the Beltsville Agricultural Research Center Beltsville, Prince George's County, Maryland ACHP Project Number: 017392  
**Attachments:** md.ars.barc.demo of surplus buildings at beltsville agricultural research center.20220112.ap.pdf

---

**From:** Irechukwu, Chizo <[chizo.irechukwu@usda.gov](mailto:chizo.irechukwu@usda.gov)>  
**Sent:** Wednesday, January 12, 2022 10:18 AM  
**To:** Harris, Brandy M <[bmharris@burnsmcd.com](mailto:bmharris@burnsmcd.com)>; Cannon-Mackey, Shari <[scannonmackey@burnsmcd.com](mailto:scannonmackey@burnsmcd.com)>  
**Subject:** FW: [External Email]Development of a Programmatic Agreement for the Demolition of Surplus Buildings at the Beltsville Agricultural Research Center Beltsville, Prince George's County, Maryland ACHP Project Number: 017392

Dear Brandy and Shari,

Please see the letter received from ACHP. I guess we can now proceed to the next stage to involve the interested parties for consultation.

Thanks  
Chizo

**Chizo Irechukwu**  
**Asset and Facilities Manager**  
p. 301-440-1413  
[Chizo.Irechukwu@usda.gov](mailto:Chizo.Irechukwu@usda.gov)



Agricultural Research Service | North East Area  
Beltsville Agricultural Research Center | Facilities Services  
10300 Baltimore Ave, Bldg. 426, Beltsville, MD 20705

---

**From:** Office of Federal Agency Programs [<mailto:ofap@achp.gov>]  
**Sent:** Wednesday, January 12, 2022 11:14 AM  
**To:** Zhang, Howard <[howard.zhang@usda.gov](mailto:howard.zhang@usda.gov)>  
**Cc:** Alexis Clark <[aclark@achp.gov](mailto:aclark@achp.gov)>; [beth.cole@maryland.gov](mailto:beth.cole@maryland.gov); [bmharris@burnsmcd.com](mailto:bmharris@burnsmcd.com); Irechukwu, Chizo <[chizo.irechukwu@usda.gov](mailto:chizo.irechukwu@usda.gov)>; [elizabeth.roman@illinois.gov](mailto:elizabeth.roman@illinois.gov)  
**Subject:** [External Email]Development of a Programmatic Agreement for the Demolition of Surplus Buildings at the Beltsville Agricultural Research Center Beltsville, Prince George's County, Maryland ACHP Project Number: 017392

**[External Email]**

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Please send any concerns or suspicious messages to: [Spam.Abuse@usda.gov](mailto:Spam.Abuse@usda.gov)

From: Office of Federal Agency Programs

Advisory Council on Historic Preservation

Attached is our letter on the subject undertaking (in Adobe Acrobat PDF format)

If you have any questions concerning our letter, please contact

Alexis Clark  
202-517-0208  
[aclark@achp.gov](mailto:aclark@achp.gov)  
Case # 017392

**e106**-online section 106 documentation submittal system

now available to all federal agencies

<http://www.achp.gov/work106.html>

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Jordan E. Tannenbaum  
Vice Chairman

Reid J. Nelson  
Executive Director, Acting



January 12, 2022

Ms. Chavonda Jacobs-Young  
Administrator  
Agricultural Research Service  
1400 Independence Ave, SW  
Washington, DC 20250

Ref: *Development of a Programmatic Agreement for the Demolition of Surplus Buildings at the Beltsville Agricultural Research Center*  
*Beltsville, Prince George's County, Maryland*  
*ACHP Project Number: 017392*

Dear Administrator Jacobs-Young:

In response to the recent notification by the United States Department of Agriculture, Agricultural Research Service (USDA-ARS), the Advisory Council on Historic Preservation (ACHP) will participate in consultation to develop a Section 106 agreement document for the referenced undertaking. Our decision to participate in this consultation is based on the *Criteria for Council Involvement in Reviewing Individual Section 106 Cases*, contained within the regulations, "Protection of Historic Properties" (36 CFR Part 800) implementing Section 106 of the National Historic Preservation Act. The criteria are met for this proposed undertaking because it will have substantial impacts on important historic properties and presents important questions of policy or interpretation.

Section 800.6(a)(1)(iii) of these regulations requires that we notify you as the head of the agency of our decision to participate in consultation. By copy of this letter, we are also notifying Ms. Chizo Irechukwu, Asset and Facilities Manager at the Beltsville Agricultural Research Center, of this decision.

Our participation in this consultation will be handled by Ms. Alexis Clark, who can be reached at (202) 517-0208 or via email at [aclark@achp.gov](mailto:aclark@achp.gov). We look forward to working with your agency and other consulting parties to seek ways to avoid, minimize, or mitigate the undertaking's potential adverse effects on historic properties.

Sincerely,

Reid J. Nelson  
Executive Director, Acting

**PA (Draft)**





USDA-ARS  
Programmatic Agreement  
Surplus Building Demolition at BARC

1 NRHP-eligible BARC Historic District (PG:62-14), and has consulted with the MD SHPO  
2 pursuant to 36 CFR Part 800, and the MD SHPO concurred with this determination in a letter  
3 dated September 1, 2021; and

4 **WHEREAS**, in accordance with 36 CFR Part 800.14(b)(1)(ii), execution of a  
5 Programmatic Agreement (PA) is appropriate because the undertaking's effects on historic  
6 properties cannot be fully determined prior to USDA-ARS issuance of an environmental decision  
7 under the National Environmental Policy Act, as amended (NEPA) (42 U. S. C. § 4371 *et. seq.*)  
8 because the timing and nature of demolition and construction activities associated with the  
9 undertaking are not currently known; and

10 **WHEREAS**, USDA-ARS previously demolished 12 buildings (Buildings 177B, 470A,  
11 and 470AA through 470JJ) (Attachment 1: Exhibit 3) as part of this initiative as outlined in the  
12 *Memorandum of Agreement among the United States Department of Agriculture Agricultural*  
13 *Research Service, the Maryland State Historic Preservation Office, and the Advisory Council on*  
14 *Historic Preservation, Regarding the Proposed Demolition of 12 Buildings at the Beltsville*  
15 *Agricultural Research Center* (MOA) executed June 1, 2021; and

16 **WHEREAS**, via the previously executed MOA, USDA-ARS committed to initiate  
17 development of a larger programmatic solution to comprehensively address future demolition  
18 activities at BARC and to ensure that appropriate avoidance, minimization, and mitigation  
19 alternatives are implemented to resolve adverse effects on historic properties via a PA pursuant  
20 to § 800.14(b)(3) of the regulations implementing Section 106 of the NHPA (54 USC § 306108)  
21 within six (6) months of its execution; and

22 **WHEREAS**, USDA-ARS has defined the undertaking's physical area of potential effects  
23 (APE) as the footprint of the subject buildings and access roads plus a buffer to allow for the  
24 return of the surrounding land as closely as possible to pre-construction contours, and the non-  
25 physical APE as the boundaries of the NRHP-eligible BARC Historic District (Attachment 1:  
26 Exhibit 1); and

27 **WHEREAS**, USDA-ARS provided the public with the opportunity to comment on the  
28 undertaking as part of the NEPA compliance process, (1) during public scoping (September 25  
29 through October 25, 2019); (2) via publication of the Notice of Availability (NOA) of the  
30 Environmental Assessment (EA) for the Demolition of 12 Buildings at BARC on March 26,  
31 2020; (3) the completion of the EA Re-Evaluation of the Demolition of 12 Buildings at BARC  
32 and the development and execution of a MOA on June 1, 2021, involving Consulting Parties; (4)  
33 the publication of the NOA of the EA for the Demolition of Building 11A at BARC on April 1,  
34 2021; and (5) publication of the NOA for the EA for the Demolition of 177 Buildings at BARC  
35 (the Proposed Action) on August 4, 2022, addressed in this PA; and

36 **WHEREAS**, in accordance with 36 CFR § 800.6(a)(1), USDA-ARS notified the  
37 Advisory Council on Historic Preservation (ACHP) of its adverse effect determination with

USDA-ARS  
Programmatic Agreement  
Surplus Building Demolition at BARC

1 specified documentation, and the ACHP has chosen to participate in the consultation pursuant to  
2 36 CFR § 800.6(a)(1)(iii) on January 12, 2022; and,

3 **WHEREAS**, USDA-ARS determined the following Federally Recognized Tribes may  
4 have interest in the undertaking and invited them to participate in Section 106 consultation in  
5 letters dated November 19, 2021: the Delaware Nation and the Delaware Tribe of Indians; and,

6 **WHEREAS**, neither Federally Recognized Tribe responded to the invitation to  
7 participate; and

8 **WHEREAS**, USDA-ARS in letters dated November 19, 2021, invited additional  
9 potential consulting parties to participate in Section 106 consultation including: the  
10 Accohannock Indian Tribe, Inc., the Piscataway Indian Nation, the Piscataway Conoy Tribe of  
11 Maryland, Choptico Band of Indians, Conoy Creations, American Indian Cultural Center, the  
12 Maryland Commission on Indian Affairs, the Maryland Indian Tourism Association, the  
13 Maryland Milestones Heritage Area, the National Agricultural Library, the National Capital  
14 Planning Commission, the Prince George’s County Historical Society, and the Prince George’s  
15 County Maryland Planning Department; and

16 **WHEREAS**, the Maryland Milestones Heritage Area and the National Agricultural  
17 Library accepted the invitation and participated in the consultation regarding the effects of the  
18 undertaking on historic properties in consulting parties’ meetings held on February 11, 2022 and  
19 March 22, 2022; and

20 **WHEREAS**, the terms used in this PA are defined in 36 CFR Part 800.16; and

21 **WHEREAS**, USDA-ARS, MD SHPO, and ACHP (each a Signatory and together  
22 Signatories) agree to execute this PA in counterparts with a separate signature page for each  
23 Signatory. The exchange of copies of this PA and of signature pages by facsimile or by  
24 electronic transmission shall constitute effective execution and delivery of this PA to the parties  
25 and may be used in lieu of the original PA for all purposes. Signatures of the parties transmitted  
26 by facsimile or electronic transmission shall be deemed to be their original signatures for all  
27 purposes; and

28 **NOW, THEREFORE**, USDA-ARS, MD SHPO, and ACHP agree that the undertaking  
29 will be implemented in accordance with the following stipulations to consider the effect of the  
30 undertaking on historic properties.

31 **STIPULATIONS**

32  
33 USDA-ARS will ensure the following measures are carried out:  
34  
35  
36

1 **I. ROLES AND RESPONSIBILITIES**

2  
3 The following sections outline the roles of the signatories and participating consulting parties in  
4 the execution of this PA:

5  
6 **A. USDA-ARS (Proponent and Signatory) shall:**

- 7 1. Coordinate demolition funding, phasing, and implementation.
- 8 2. Fund and oversee mitigation efforts outlined herein.
- 9 3. Communicate with signatories and consulting parties regarding timing of  
10 demolition efforts and finalization of plans as applicable to definition of APEs  
11 and required cultural resources identification and evaluation activities.
- 12 4. Provide annual reports to the group regarding progress and status of PA.
- 13 5. Meet deadlines outlined in the PA and notify Signatories and consulting parties if  
14 and when benchmarks cannot be met.

15  
16 **B. MD SHPO (Signatory) shall:**

- 17 1. Review and comment on submittals of draft mitigation materials, survey reports,  
18 and/or treatment plans, as relevant, in a timely manner (30-day window).
- 19 2. Consult regarding APE development as demolition plans are finalized and  
20 determine if additional identification and evaluation efforts are required.
- 21 3. Facilitate and support USDA-ARS's successful completion of mitigation,  
22 preservation, and recordation efforts as outlined in the PA.

23  
24 **C. ACHP (Signatory) shall:**

- 25 1. Serve as repository for the executed PA and arbiter of disputes and amendment  
26 requests.
- 27 2. Review and comment on submittals of draft mitigation materials, survey reports,  
28 and/or treatment plans, as relevant, in a timely manner (30-day window).
- 29 3. Facilitate and support USDA-ARS's successful completion of mitigation,  
30 preservation, and recordation efforts as outlined in the PA.

31  
32 **D. Consulting Parties shall:**

- 33 1. Review and comment on submittals of draft mitigation materials, survey reports,  
34 or treatment plans, as relevant, in a timely manner (30-day window).
- 35 2. Review demolition lists and building information to determine if they would like  
36 to serve as repository to display architectural and equipment salvage; and pick up  
37 and transport items of interest, as outlined in the PA.
- 38 3. Host web content for Story Maps and serve as repository for mitigation materials  
39 as outlined in the PA.

40



1 **II. PROFESSIONAL QUALIFICATIONS AND STANDARDS**

2  
3 **A. Professional Qualifications**

4 USDA-ARS will ensure that all archeological and historical studies required under the terms of  
5 this PA shall be carried out by, or under the direct supervision of, a professional who, at a  
6 minimum, meets the Secretary of the Interior's (SOI's) Professional Qualifications Standards  
7 (i.e., SOI qualified; 48 FR 44716, September 29, 1983, and 62 FR 33708, June 20, 1997) in  
8 archeology, history, or architectural history, as appropriate.  
9

10 **B. Relevant Standards and Guidelines**

11 USDA-ARS shall ensure that all cultural resources investigations, documentation, and  
12 preservation work performed pursuant to this PA will be implemented in accordance with the  
13 following regulations, policies, standards, and guidelines, or any subsequent replacements of or  
14 revisions to same, as appropriate:  
15

- 16 • Section 106, NHPA, as amended, and its implementing regulations (36 CFR § 800)
- 17 • *The Secretary of the Interior's Standards for the Treatment of Historic Properties with*  
18 *Guidelines for Preserving, Rehabilitating, Restoring & Reconstructing Historic Buildings*  
19 (National Park Service 2017)
- 20 • *Historic American Buildings Survey Guide to Field Documentation* (National Park  
21 Service, May 16, 2011)
- 22 • *Historic American Buildings Survey Guidelines for Historical Reports* (National Park  
23 Service 2020)
- 24 • *Heritage Documentation Programs, HABS/HAER/HALS Photography Guidelines*  
25 (National Park Service November 2011, updated June 2015)
- 26 • *Standards and Guidelines for Architectural and Historical Investigations in Maryland*  
27 (Maryland Historical Trust 2019)
- 28 • *Standards for Submission of Digital Images to the Maryland Inventory of Historic*  
29 *Properties* (Maryland Historical Trust 2019)
- 30 • the ACHP's Section 106 Archaeology Guidance ([https://www.achp.gov/protecting-](https://www.achp.gov/protecting-historic-properties/Section_106_Archaeology_Guidance)  
31 [historic-properties/Section\\_106\\_Archaeology\\_Guidance](https://www.achp.gov/protecting-historic-properties/Section_106_Archaeology_Guidance))*Standards and Guidelines for*  
32 *Archeological Investigations in Maryland* (Maryland Historical Trust 1994)
- 33 • *Collections and Conservation Standards, Technical Update No. 1 of the Standards and*  
34 *Guidelines for Archeological Investigations in Maryland* (Maryland Historical Trust  
35 Revised 2022)
- 36 • Curation of Federally-Owned and Administered Archeological Collections (36 CFR § 79)
- 37 • Native American Graves Protection and Repatriation Act (NAGPRA) of 1990 (43 CFR §  
38 10, as amended)

USDA-ARS  
Programmatic Agreement  
Surplus Building Demolition at BARC

- 1 • Maryland Burial Law (Title 10 Subtitle 4 §§ 10-401 through 10-404 of the Annotated  
2 Code of Maryland)
- 3 • *Policy Statement Regarding Treatment of Burial Sites, Human Remains and Funerary*  
4 *Objects* (ACHP, February 23, 2007)

5  
6 **III. PHASING PROPOSAL**

7 USDA-ARS has grouped the buildings slated for demolition into five (5) phases based on  
8 priority, resource type, and/or geographic location. Aside from the Phase I buildings, which are  
9 slated for demolition first, the remaining phases were grouped to facilitate mitigation  
10 implementation. The phases are depicted on maps in Attachment 1: Exhibit 2 and summarized in  
11 tables in Attachment 2. The tables list the resources as well as the mitigation measures required  
12 to be completed prior to demolition for each building within a specific phase.

- 13 • Phase I includes priority buildings (2023-2025) (15 buildings)
- 14 • Phase II includes Isolated and Utilitarian Buildings (through 2027) (32 buildings)
- 15 • Phase III includes North Farm Resources; (through 2029) (3 buildings)
- 16 • Phase IV includes Zoology and Entomology Buildings (through 2031) (54 buildings)
- 17 • Phase V includes the Southwest Quadrant of the Central Farm (through 2033) (23  
18 buildings)

19  
20 As funding availability and agency priorities are subject to change, USDA-ARS will include a  
21 status update regarding demolition progress in the annual reports (See Stipulation VI.). It is  
22 assumed phases may overlap if additional funding is available, so the dates above are goals for  
23 completion of each demolition phase.

24  
25 If funding needs or priorities shift before the annual report is produced, USDA-ARS shall notify  
26 the signatories and other consulting parties in writing of what has changed and request  
27 concurrence with the modification to the phasing plan. The recipients will have 30 days to  
28 respond to the request. If no response is received, concurrence with the request will be assumed.

29  
30 **IV. TREATMENT MEASURES**

31 **A. Ongoing Coordination Regarding Archeological Resources**

32 Based on the current demolition plans, USDA-ARS and the MD SHPO agree that the  
33 undertaking is not likely to affect archeological resources in the physical APE (Attachment 1:  
34 Exhibit 1). If final plans for the demolition require impacts outside of the current undertaking  
35 footprint, USDA-ARS will assess, using the steps outlined below, the potential for intact  
36 archeological deposits to exist in those areas. The assessment will be conducted by an SOI-  
37 qualified archeologist who will prepare written documentation, including survey/monitoring  
38 recommendations, if justified, for review by MD SHPO and other interested parties. If deemed  
39 warranted through the consultation, USDA-ARS will ensure that any archeological survey and/or  
40 monitoring shall be performed in accordance with the standards in Stipulation II.

USDA-ARS  
Programmatic Agreement  
Surplus Building Demolition at BARC

- 1           **1.** USDA-ARS shall consult with the MD SHPO on the expanded footprint for the  
2           undertaking based on the nature of the proposed impacts, including area and depth  
3           of disturbance.
- 4           **2.** USDA-ARS shall review existing information on archeological resources within  
5           the APE and seek information, as appropriate from consulting parties, Indian  
6           Tribes, other individuals, and organizations likely to have knowledge of, or  
7           concerns with, cultural resources in the area. If sites of Native American origin  
8           are encountered, this consultation shall include Indian Tribes who have indicated  
9           their interest in consulting on federal undertakings in the county in Prince  
10          George’s County.
- 11          **3.** USDA-ARS shall ensure that an adequate archeological survey is conducted for  
12          portions of the expanded footprint that could contain archeological sites.  
13          Archeological investigations will be conducted to identify and evaluate  
14          archeological sites, assess the effects of the proposed undertaking on NRHP-  
15          eligible archeological sites, and develop means to minimize and mitigate any  
16          adverse effects of the project on NRHP-eligible archeological sites that cannot be  
17          avoided.
- 18          **4.** USDA-ARS shall apply the NRHP Criteria for Evaluation (36 CFR Part 63), in  
19          consultation with the MD SHPO, appropriate Indian Tribes, and other interested  
20          parties, and guided by the SOI’s *Standards and Guidelines for Evaluation*, to  
21          evaluate the NRHP eligibility of identified archeological sites.
- 22          **5.** USDA-ARS shall consult with the MD SHPO, appropriate Indian Tribes, and  
23          other interested parties, regarding evaluation of adverse effects on archaeological  
24          resources identified as eligible for the NRHP, and to develop and evaluate  
25          alternatives or modifications to the undertaking that could avoid or minimize  
26          adverse effects on NRHP-eligible archeological sites.
- 27          **6.** If adverse effects to NRHP-eligible archeological sites cannot be avoided, USDA-  
28          ARS shall consult with the MD SHPO, appropriate Indian Tribes and other  
29          interested parties to resolve the adverse effects through the implementation of an  
30          Archeological Data Recovery Plan(s) developed in accordance with the ACHP’s  
31          “Recommended Approach for Consultation on the Recovery of Significant  
32          Information from Archaeological Sites” (64 FR 27085-87 published in the  
33          *Federal Register* on May 18, 1999), the ACHP’s *Section 106 Archaeology*  
34          *Guidance* ([https://www.achp.gov/protecting-historic-](https://www.achp.gov/protecting-historic-properties/Section_106_Archaeology_Guidance)  
35          [properties/Section\\_106\\_Archaeology\\_Guidance](https://www.achp.gov/protecting-historic-properties/Section_106_Archaeology_Guidance)), and the SOI *Standards for*  
36          *Archeological Documentation*.
- 37          **7.** The signatories recognize that any human remains or funerary objects that may be  
38          discovered during data recovery operations are subject to both Maryland Burial  
39          Law and the NAGPRA. Inadvertent discoveries shall be handled as outlined in the  
40          Unanticipated Discoveries Plan (UDP) included in Attachment 3.



- 1           8. USDA-ARS shall ensure that procedures to be used for the processing, analysis,  
2           and curation of collected materials must be in accordance with the ACHP's  
3           *Section 106 Archaeology Guidance*, the SOI's *Standards and Guidelines for*  
4           *Archaeology and Historic Preservation*, and currently accepted standards for the  
5           analysis and curation of archaeological remains.

6  
7           **B. Research and Recordation**

8           USDA-ARS commits to fulfillment of targeted research and recordation stipulations to  
9           compensate for the loss of architecturally distinctive and historically significant resources.

- 10  
11           1. USDA-ARS will conduct Historic American Building Survey (HABS)-level  
12           documentation of buildings within the 300 Area Cluster (Phase III), including  
13           assessment of the complex itself and the associated landscape. The documentation  
14           will be prepared in accordance with the *Schedule of Documentation for the*  
15           *Recording of the Beltsville Agricultural Research Center* (SOD) provided by the  
16           National Park Services (NPS) North Atlantic-Appalachian Office on July 28,  
17           2022 (Attachment 4). The documentation will include an overview and outline  
18           format reports for the following (12) buildings constructed between 1933 and  
19           1947: Buildings 321 (Eradiation Laboratory), 322 (Cattle Barn), 328 (Food and  
20           Drug Laboratory), 333 (Quarantine Building/Dog Kennel), 334 (Parasite  
21           Investigation Laboratory), 335 (Parasite Brooder House), 335A (Insectary/Low  
22           Storage), 338 (Coccidiosis Laboratory), 340 (Swine Barn), 344 (Sheep Barn), 357  
23           (Food and Drug Barn), and 369 (Log House) (Attachment 1: Exhibit 4). The  
24           buildings display common and distinctive architectural characteristics including  
25           concrete block construction, stucco parging, and cornerstones inscribed with their  
26           construction date. Many of the buildings and associated landscaping were  
27           constructed by Civilian Conservation Corps (CCC) workers using Public Works  
28           Administration (PWA) funding.

- 29           a. Prior to the demolition of any buildings within the 300 Area Cluster,  
30           USDA-ARS will document the complex and overall landscape  
31           characteristics with specific recordation of the 12 buildings as specified by  
32           the standards outlined in NPS guidance documents: *Historic American*  
33           *Landscapes Survey Guidelines for Historic Reports*, *Historic American*  
34           *Buildings Survey Guidelines for Historical Reports*, and the NPS-prepared  
35           SOD. The submittal will include:

36           i. Written Documentation

- 37                   1. Complex overview and narrative as outlined in SOD  
38                   2. Building specific context and description as outlined in SOD

39           ii. Graphic Documentation

- 40                   1. Chronological series of 8 ½" x 11" historic site plans showing key  
41                   periods in the evolution of BARC



- 1 1. Drawings will be produced in compliance with the HABS Drawing  
2 Guidelines: ([https://www.nps.gov/hdp/standards/HABS/  
3 HABSDrawings.pdf](https://www.nps.gov/hdp/standards/HABS/HABSDrawings.pdf)).
- 4 2. Drawings should complement the history and photographic  
5 recordation of a site and convey its character-defining features.  
6 The package should include site plans, existing conditions, and  
7 circulation plans that help to illustrate changes to the site over time  
8 and relay how the spatial organization of the landscape relates to  
9 its agricultural uses.
- 10 3. Details of functional and designed site features.
- 11 4. Individual drawings of the 12 buildings measured and drawn to  
12 scale. The set of drawings should include a Site Plan, Floor Plan,  
13 Elevations, and a Roof Plan.
- 14 v. Submittal and Packaging
- 15 1. Electronic and hard copies of the documentation will be prepared  
16 according to the SOD (Attachment 4).
- 17 2. The documentation will be packaged and transmitted in accordance  
18 with the guidelines for Preparing HABS/HAER/HALS  
19 Documentation for Transmittal ([https://www.nps.gov/hdp/  
20 standards/Transmittal.pdf](https://www.nps.gov/hdp/standards/Transmittal.pdf)).
- 21 2. Copies of the documentation will be provided to the consulting parties except for  
22 the ACHP and to the following repositories: the MD SHPO; the National Park  
23 Service/Library of Congress; and the National Agricultural Library in Beltsville.
- 24 3. USDA ARS will complete the HABS documentation prior to initiation of  
25 demolition activities within the 300 Area Cluster/Phase III area.
- 26 4. For those buildings not documented to HABS standards per Stipulation II.B.1,  
27 USDA-ARS will complete new or updated MIHP forms for contributing  
28 resources to the BARC Historic District (PG:62-14), grouped by demolition  
29 phases as appropriate. The updates will allow MD SHPO to keep their records  
30 regarding historic building stock at the campus up to date and facilitate updates to  
31 their online historic resources database. USDA-ARS shall provide the completed  
32 MIHP update form(s) to the MD SHPO, for submittal to the MIHP prior to  
33 demolition of the buildings included in the update form.

### 34 35 **C. Public Interpretation**

36 USDA-ARS will ensure the following public interpretation measures are implemented to share  
37 the results of the Stipulation IV and BARC's unique stories with the public.

- 38 1. Living New Deal Web Content
- 39 a. Within 6 months of acceptance of the HABS documentation by the NPS,  
40 USDA-ARS, or its consultant, shall provide an electronic copy of the  
41 contextual and photographic materials to the Living New Deal website



USDA-ARS  
Programmatic Agreement  
Surplus Building Demolition at BARC

1 hosted by the University of California at Berkley for inclusion on their  
2 existing webpage detailing the New Deal history of the BARC facility.

- 3 b. The submittal will not include formal content development but rather  
4 provide their staff with supplemental information that can be added to  
5 existing web content.  
6 c. USDA-ARS shall copy Signatories and consulting parties on the materials'  
7 transmittal.

8 **2. Arc GIS Story Maps**

9 a. Concurrently with the Living New Deal web content update, USDA-ARS,  
10 or its consultant, shall develop a Story Map on the history and architecture  
11 of BARC. The content will span the history of the property from  
12 antebellum times and plantation use through the 1970s highlighting  
13 significant research areas, landscape and architectural development trends,  
14 significant events and trends at the campus, and place BARC within the  
15 larger context of scientific research at other nearby research facilities such  
16 as the National Aeronautics and Space Administration, the National  
17 Institute of Standards and Technology, and the Federal Drug  
18 Administration.

19 b. Prior to publication of the Story Maps, USDA-ARS will submit to the MD  
20 SHPO and consulting parties a draft outline, text, and photographs for  
21 review and comment. The MD SHPO and consulting parties will review  
22 and provide written comments within 30 calendar days after receipt,  
23 otherwise the USDA-ARS may assume that the MD SHPO and consulting  
24 parties have agreed to the submittal.

25 c. Comments will be taken into account, and if not incorporated, the rationale  
26 for not implementing comments will be provided. If the USDA-ARS  
27 disagrees with a consulting party's comments, consultation on said  
28 comments will occur to attempt to reach consensus. If no reasonable  
29 agreement is possible, USDA-ARS will initiate the process set forth in  
30 Stipulation IX. Dispute Resolution, of this agreement.

31 d. USDA-ARS shall offer the Maryland Milestones Heritage Area the  
32 opportunity to host the Story Map on their website. If they chose not to  
33 host the Story Map, USDA-ARS shall find an alternative host and notify  
34 Signatories and consulting parties of the selection.

35 e. USDA-ARS will offer to host a virtual walkthrough of the online  
36 exhibition for the Signatories and consulting parties. The Story Map shall  
37 be considered complete when the content supporting the approved outline  
38 is publicly accessible.

39 f. USDA-ARS shall complete and ensure the Story Map is posted within 10  
40 years of the execution of the PA.  
41

1                   **3. Salvage of Architectural Elements / Objects of Interest**

2 USDA-ARS will notify the consulting parties 60 days in advance of building demolition  
3 activities. The notification will include summary information about the building(s) including  
4 photographs, existing Maryland Inventory of Historic Places (MIHP) forms, or other  
5 documentation to allow consulting parties to evaluate whether there are any architectural  
6 elements or other objects of interest within the buildings slated for demolition that would be  
7 candidates for salvage and display at BARC or an appropriate local repository or museum such  
8 as the Maryland Milestones Heritage Center. If a consulting party identifies a candidate for  
9 salvage and/or display, they will notify USDA-ARS within 30 days of receipt of the notification  
10 with their commitment to accept and display specific materials. The donation of the artifacts or  
11 architectural elements would be supported by a historic narrative and description to facilitate  
12 their interpretation and display. USDA-ARS would submit the list of elements/objects slated for  
13 salvage or other objects of interest within the buildings slated for demolition, proposed  
14 disposition of the materials, and accompanying narrative to the MD SHPO and consulting parties  
15 for review and comment.

16  
17                   **D. Positive Preservation Measures**

18 Positive preservation measures: USDA/BARC's commitment to undertake the retention, reuse,  
19 and preservation of BARC historic properties will help offset the considerable loss of  
20 contributing resources through this demolition initiative.

- 21                   **4.** USDA-ARS will provide consulting parties with a list of buildings and structures  
22 that are planned to be retained as per current Master Planning initiatives. The list  
23 will be maintained and updated if a building is determined surplus or in need of  
24 renovation for early consultation with MD SHPO and other interested parties who  
25 may facilitate leasing, relocation, or other assistance. The list will be provided to  
26 consulting parties within 6 months of the execution of this PA.
- 27                   **5.** To compensate for the loss of Building 0009, USDA-ARS commits to retain and  
28 continue to use architecturally and functionally similar Building 0010.
- 29                   **6.** USDA-ARS will not demolish Building 209B, the smokehouse associated with  
30 the Walnut Grange Plantation. Information regarding its current condition and  
31 plans for use or mothballing and stabilization as appropriate will be provided to  
32 consulting parties within 6 months of the execution of this PA. The required  
33 stabilization measures would be completed within 1 to 3 years of review and  
34 finalization of the plan depending on the results of the assessment and complexity  
35 of measures identified.
- 36                   **7.** USDA-ARS will not demolish Building 0156, the Road Shelter. Information  
37 regarding its current condition and plans for use or mothballing and stabilization  
38 as appropriate will be provided to consulting parties within 6 months of the  
39 execution of this PA. The required stabilization measures would be completed  
40 within 1 to 3 years of review and finalization of the plan depending on the results  
41 of the assessment and complexity of measures identified.

1 **V. DEMOLITION**

2 USDA-ARS may proceed with the demolition of buildings in accordance with the phasing plan  
3 in Attachment 2 upon the successful completion of the associated treatment measures specified  
4 in Stipulations IV.A and IV.B.

5  
6 **VI. MODIFICATIONS TO PHASING PLAN**

7 If USDA-ARS determines that additional buildings need to be added to or removed from the  
8 Phasing Plan (Attachment 2) or that the Phasing Plan itself requires modification, they will  
9 notify Signatories and consulting parties in writing with a request for concurrence within 30  
10 days. The request will specify if additional identification, evaluation, documentation, or  
11 mitigation measures are required in accordance with the established PA stipulations.

12  
13 **VII. POST-REVIEW DISCOVERIES**

14 If human remains or properties are discovered during demolition that may be historically  
15 significant or unanticipated effects on historic properties are identified, USDA-ARS shall  
16 implement the Unanticipated Discovery Plan (UDP) included as Attachment 3 to this PA.

17  
18 **VIII. MONITORING AND REPORTING**

19 Every year, within 90 days of the date of execution of the PA, USDA-ARS, shall provide to all  
20 Signatories a written report regarding the actions taken to fulfill the terms of the agreement, and  
21 shall file a copy with the ACHP per 36 CFR § 800.6(b)(iv). Such report shall include status  
22 updates on demolition and mitigation activities, summary of ongoing master planning efforts as  
23 relevant, any scheduling changes proposed, any problems encountered, and any disputes and  
24 objections received in USDA-ARS's efforts to carry out the terms of this PA. Such reporting  
25 shall cease when the terms of the PA have been fulfilled or upon agreement of the Signatories.

26  
27 **IX. DISPUTE RESOLUTION**

28 Should any Signatory to this PA object at any time to any actions proposed or the way the terms  
29 of the PA are implemented, USDA-ARS shall consult with such party to resolve the objection. If  
30 USDA-ARS determines that such objection cannot be resolved, USDA-ARS will:

- 31 **A.** Forward all documentation relevant to the dispute, including USDA-ARS's proposed  
32 resolution, to the ACHP. The ACHP shall provide USDA-ARS with its advice on the  
33 resolution of the objection within 30 days of receiving adequate documentation. Prior  
34 to reaching a final decision on the dispute, USDA-ARS shall prepare a written  
35 response that considers any timely advice or comments regarding the dispute received  
36 from the ACHP or other Signatories and provide them with a copy of the written  
37 response. USDA-ARS will then proceed with its final decision.
- 38 **B.** If the ACHP does not provide its advice regarding the dispute within 30 days of  
39 receiving the information from USDA-ARS, USDA-ARS may make a final decision  
40 on the dispute and proceed accordingly. Prior to reaching such a final decision,



1           USDA-ARS shall prepare a written response that considers any timely comments  
2           regarding the dispute received from the Signatories to the PA and provide them and  
3           the ACHP with a copy of the written response.

- 4           **C.** USDA-ARS's responsibility to carry out all other actions subject to the terms of the  
5           PA that are not the subject of the dispute remain unchanged.

6  
7           **X. AMENDMENTS**

8           This PA may be amended when such an amendment is agreed to in writing by all Signatories.  
9           The amendment will be effective on the date a copy signed by all the Signatories is filed with the  
10          ACHP.

11  
12          **XI. TERMINATION**

13          If any Signatory to this PA determines that its terms will not or cannot be carried out, that  
14          Signatory will immediately consult with the other Signatories to develop an amendment per  
15          Stipulation VI above. If within 30 days (or another time agreed to by all Signatories) an  
16          amendment cannot be reached, any Signatory may terminate the PA upon written notification to  
17          the other Signatories.

18  
19          Once the PA is terminated, and prior to work continuing associated with the demolition of the  
20          116 buildings, USDA-ARS must either (a) execute another PA pursuant to 36 CFR § 800.6 or (b)  
21          request, consider, and respond to the comments of the ACHP under 36 CFR § 800.7. USDA-  
22          ARS will notify the Signatories as to the course of action it will pursue.

23  
24          **XII. EFFECTIVE DATE AND DURATION**

25          This PA shall be effective on the date the last Signatory has affixed their signature. The PA will  
26          expire if its terms are not carried out within 10 years from the date of its execution. Prior to such  
27          time, the Signatories may consult to reconsider the terms of the PA and amend it in accordance  
28          with Stipulation VI above.

29  
30          **XIII. GENERAL PROVISIONS**

- 31           **A.** Each Signatory will manage and complete their own activities and utilize their own  
32           resources, including the expenditure of their own funds, in pursuing these objectives.  
33           Each Signatory will carry out its separate activities in a coordinated and mutually  
34           beneficial manner.  
35           **B.** Any transfer of funds from one Signatory to another shall be done via a separate  
36           instrument as appropriate.

37  
38          **EXECUTION** of this PA by the USDA-ARS, MD SHPO, and the ACHP and implementation of  
39          its terms evidence that USDA-ARS has considered the effects of this undertaking on historic  
40          properties and afforded the ACHP an opportunity to comment.

USDA-ARS  
Programmatic Agreement  
Surplus Building Demolition at BARC

1 Signed:

2

3 Advisory Council on Historic Preservation:

4

5

6

7 -----

8

9 By: Reid J. Nelson----- Date: \_\_\_\_\_

10

11 **Title:** Executive Director, Acting

12

13

DRAFT

USDA-ARS  
Programmatic Agreement  
Surplus Building Demolition at BARC

1 Signed:

2

3

4 United States Department of Agriculture

5 Agricultural Research Service:

6

7

8

9 -----

10

11 By: Howard Zhang----- Date: \_\_\_\_\_

12

13 **Title:** Director, USDA-ARS Beltsville Agricultural Research Center

14

15

DRAFT



USDA-ARS  
Programmatic Agreement  
Surplus Building Demolition at BARC

1 Signed:

2

3

4 Maryland State Historic Preservation Office:

5

6

7

8 -----

9

10 By: Elizabeth Hughes      Date: \_\_\_\_\_

11

12 **Title:** Director/State Historic Preservation Officer

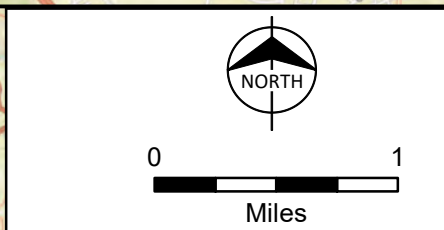
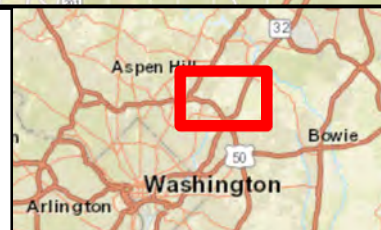
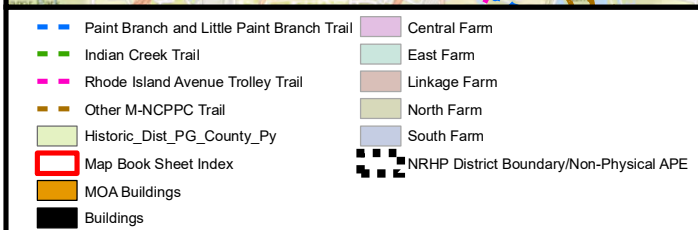
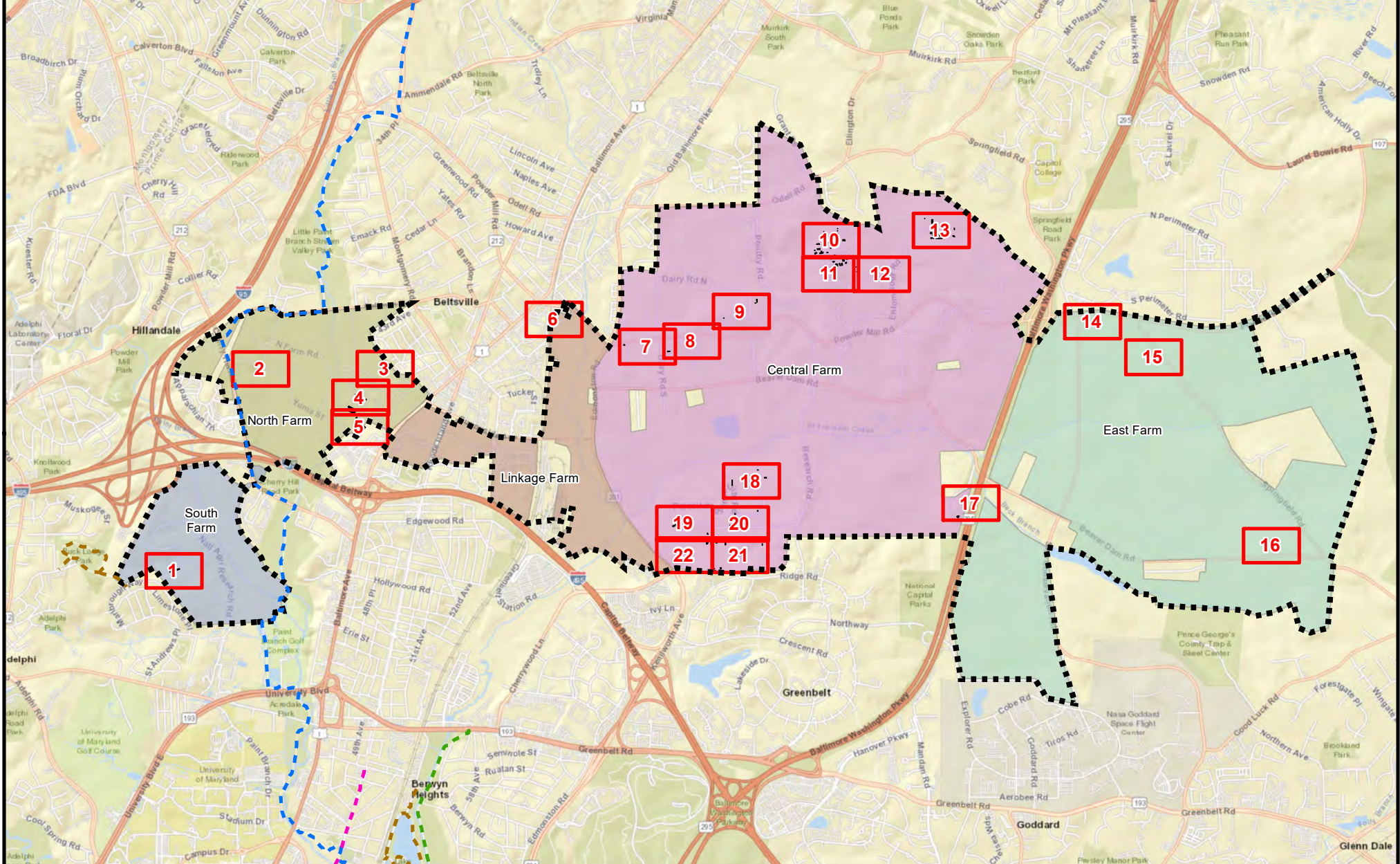
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**ATTACHMENT 1 - EXHIBITS**

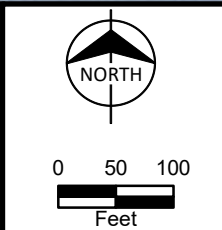
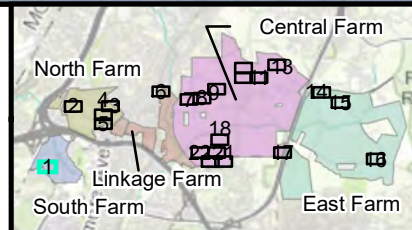


Attachment 1: Exhibit 1 – Overview of Farms with Buildings  
 USDA-ARS  
 Beltsville Agricultural Research Center





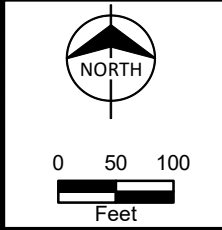
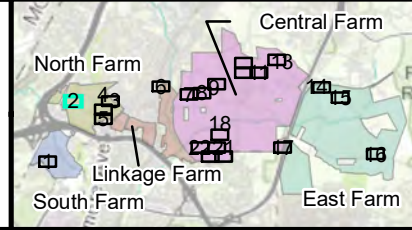
- |  |   |  |              |
|--|---|--|--------------|
|  | Physical APE                            |  | Central Farm |
|  | NRHP District Boundary/Non-Physical APE |  | East Farm    |
|  | Buildings                               |  | Linkage Farm |
|  | MOA Buildings                           |  | North Farm   |
|  |   |  | South Farm   |



Attachment 1: Exhibit 1 – Overview  
of Farms with Buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 1 of 22












- Physical APE
- NRHP District Boundary/Non-Physical APE
- Buildings
- MOA Buildings
- Central Farm
- East Farm
- Linkage Farm
- North Farm
- South Farm

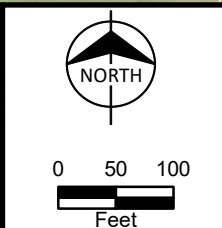
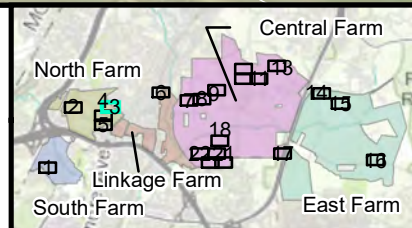


Attachment 1: Exhibit 1 – Overview  
of Farms with Buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 2 of 22



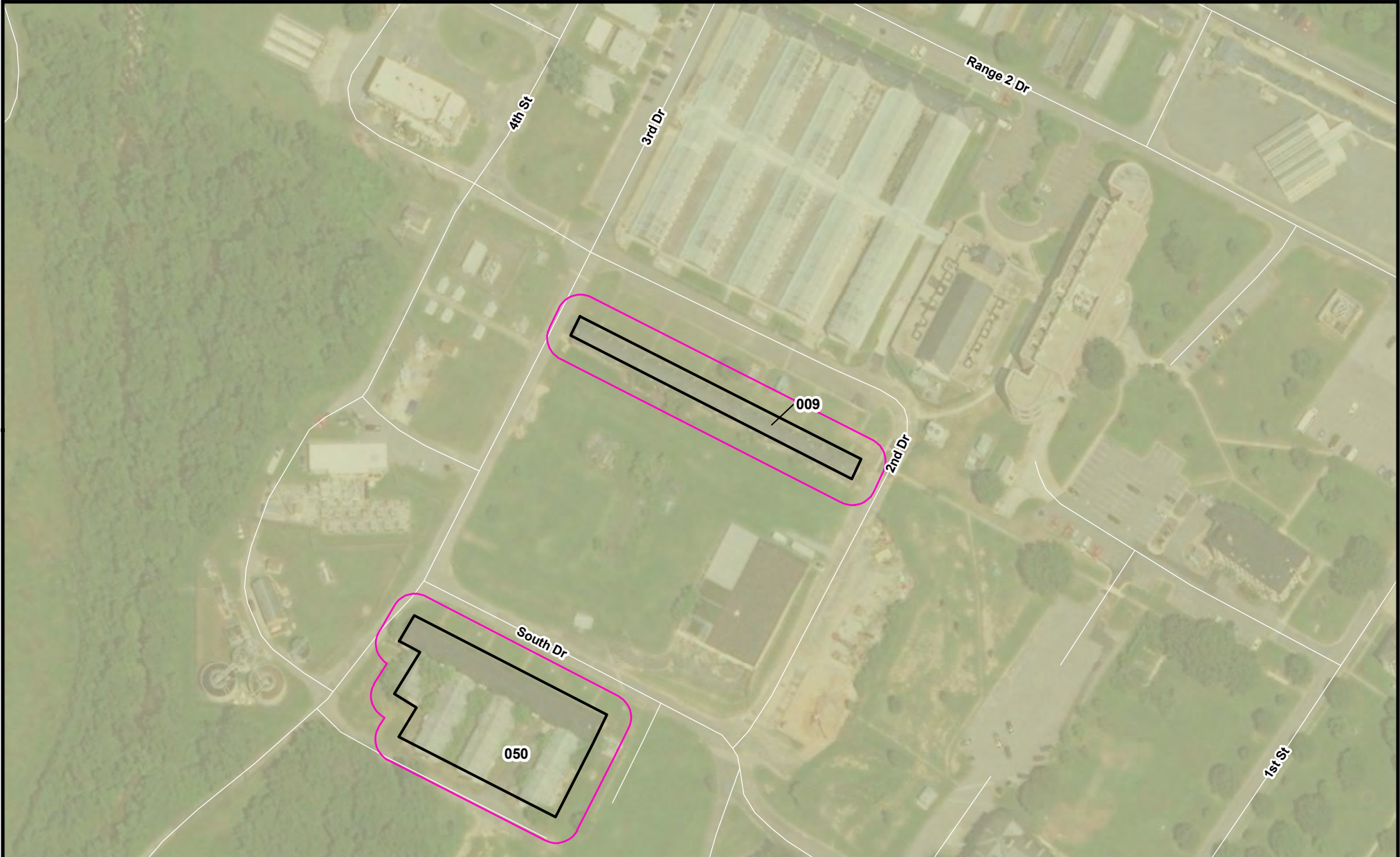











- |  |   |   |              |
|--|---|---|--------------|
|  | Physical APE                            |  | Central Farm |
|  | NRHP District Boundary/Non-Physical APE |  | East Farm    |
|  | Buildings                               |  | Linkage Farm |
|  | MOA Buildings                           |  | North Farm   |
|  |   |  | South Farm   |

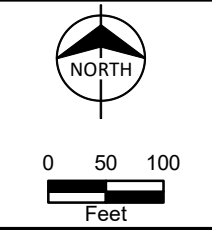
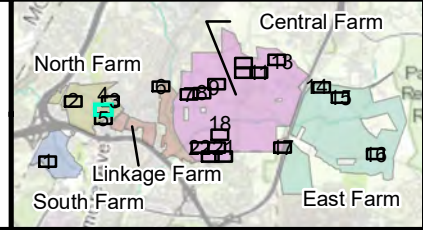


Attachment 1: Exhibit 1 – Overview of Farms with Buildings  
 USDA-ARS  
 Beltsville Agricultural Research Center  
 Map 3 of 22





- |  |   |
|--|---|
|  Physical APE                            |  Central Farm |
|  NRHP District Boundary/Non-Physical APE |  East Farm    |
|  Buildings                               |  Linkage Farm |
|  MOA Buildings                           |  North Farm   |
|  |  South Farm   |

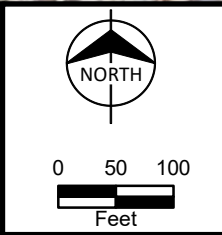
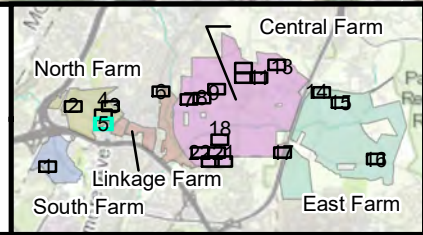


Attachment 1: Exhibit 1 – Overview of Farms with Buildings  
 USDA-ARS  
 Beltsville Agricultural Research Center  
 Map 4 of 22














- |  |   |  |              |
|--|---|--|--------------|
|  | Physical APE                            |  | Central Farm |
|  | NRHP District Boundary/Non-Physical APE |  | East Farm    |
|  | Buildings                               |  | Linkage Farm |
|  | MOA Buildings                           |  | North Farm   |
|  |   |  | South Farm   |

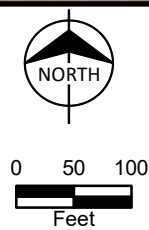
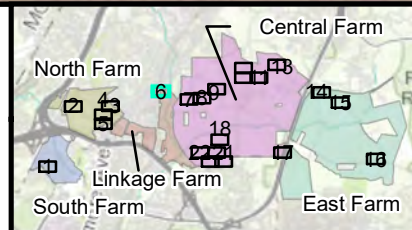


Attachment 1: Exhibit 1 – Overview of Farms with Buildings  
 USDA-ARS  
 Beltsville Agricultural Research Center  
 Map 5 of 22



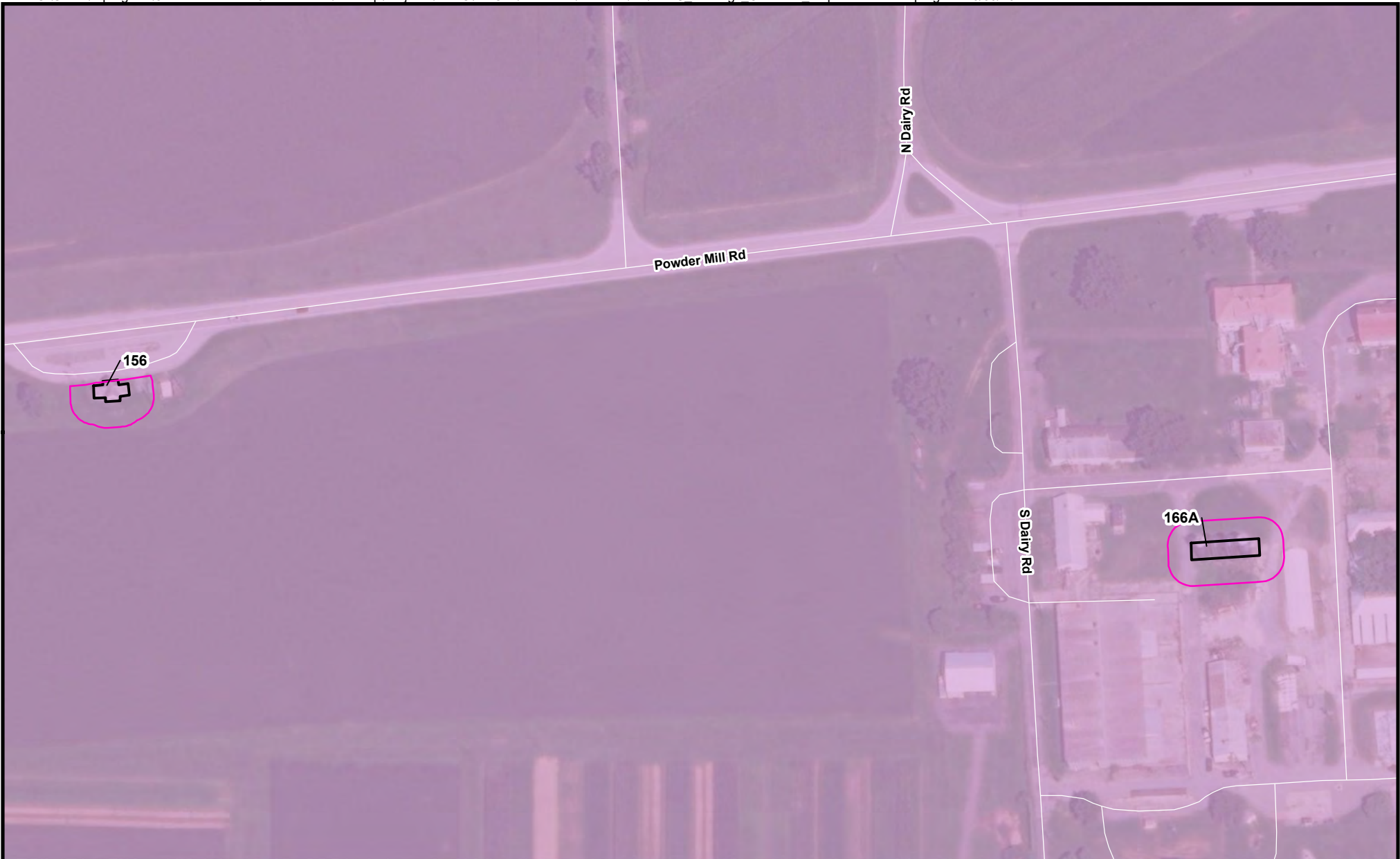











- |  |   |
|--|---|
|  Physical APE                            |  Central Farm |
|  NRHP District Boundary/Non-Physical APE |  East Farm    |
|  Buildings                               |  Linkage Farm |
|  MOA Buildings                           |  North Farm   |
|  |  South Farm   |

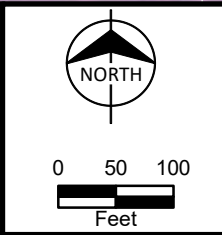
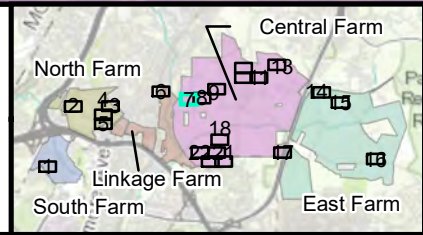


Attachment 1: Exhibit 1 – Overview  
of Farms with Buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 6 of 22














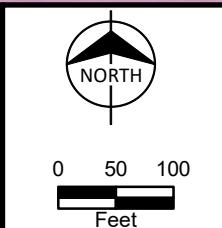
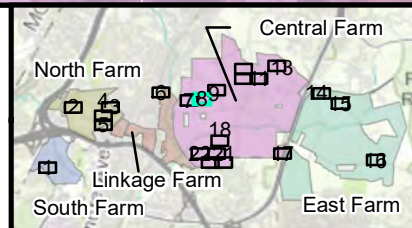
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|--|---|---|--------------|
|  | Physical APE                            |  | Central Farm |
|  | NRHP District Boundary/Non-Physical APE |  | East Farm    |
|  | Buildings                               |  | Linkage Farm |
|  | MOA Buildings                           |  | North Farm   |
|  |   |  | South Farm   |



Attachment 1: Exhibit 1 – Overview of Farms with Buildings  
 USDA-ARS  
 Beltsville Agricultural Research Center  
 Map 7 of 22

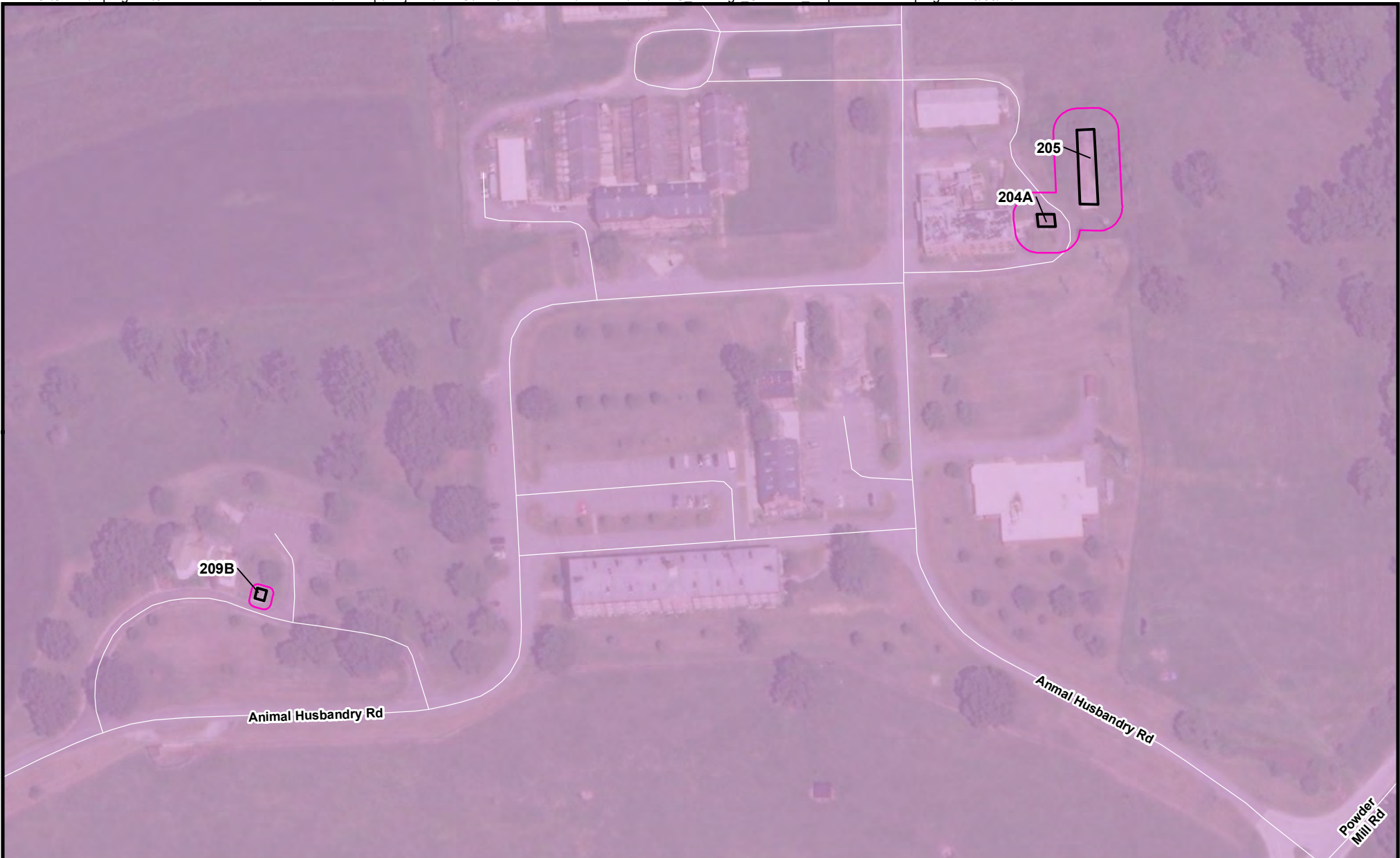











- |  |   |  |              |
|--|---|--|--------------|
|  | Physical APE                            |  | Central Farm |
|  | NRHP District Boundary/Non-Physical APE |  | East Farm    |
|  | Buildings                               |  | Linkage Farm |
|  | MOA Buildings                           |  | North Farm   |
|  |   |  | South Farm   |

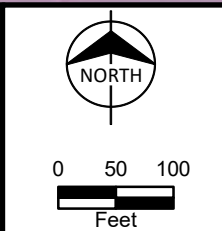
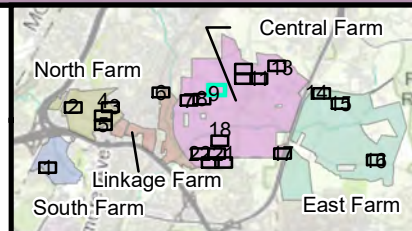


Attachment 1: Exhibit 1 – Overview  
of Farms with Buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 8 of 22



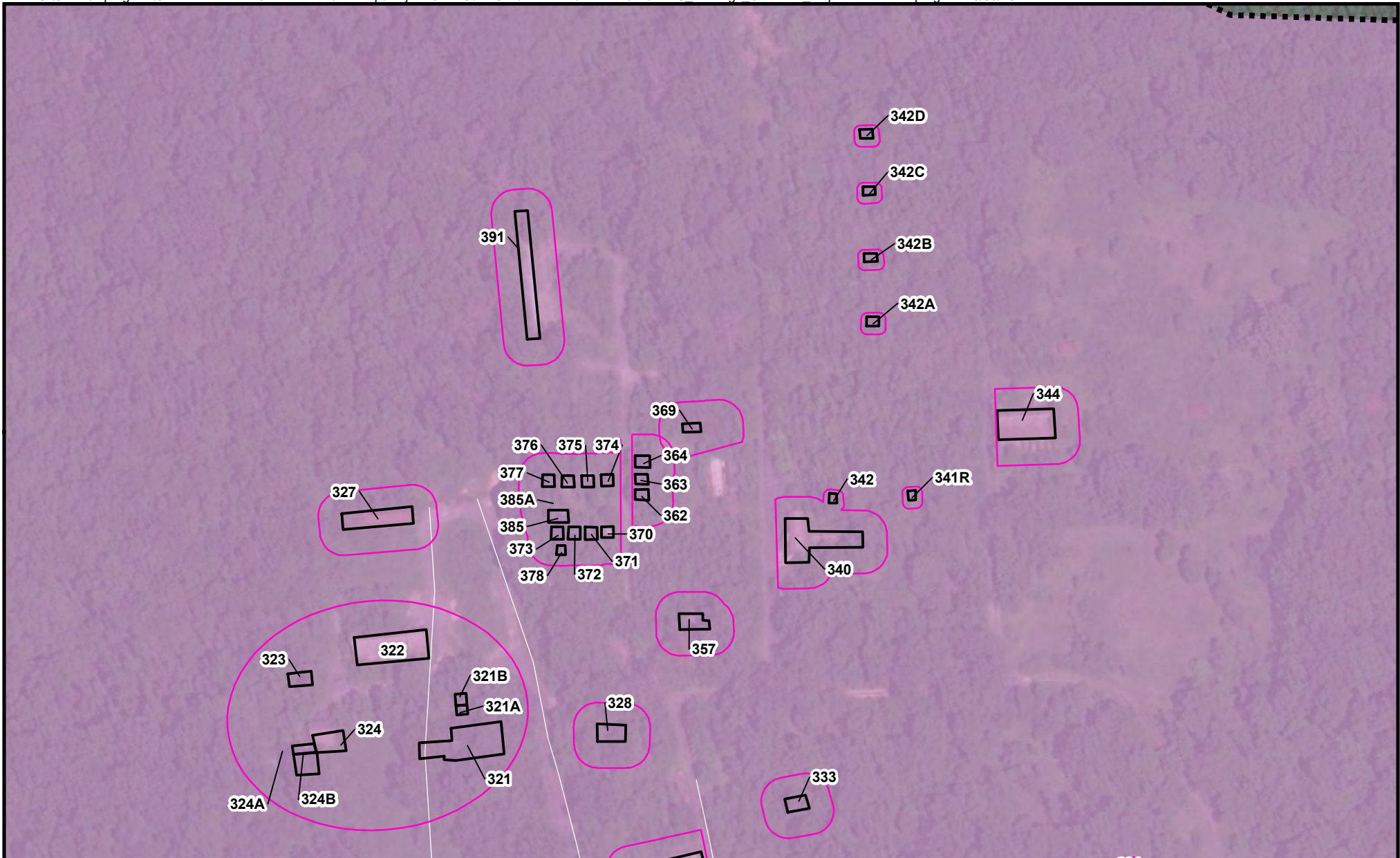


- |  |   |   |              |
|--|---|---|--------------|
|  | Physical APE                            |  | Central Farm |
|  | NRHP District Boundary/Non-Physical APE |  | East Farm    |
|  | Buildings                               |  | Linkage Farm |
|  | MOA Buildings                           |  | North Farm   |
|  |   |  | South Farm   |



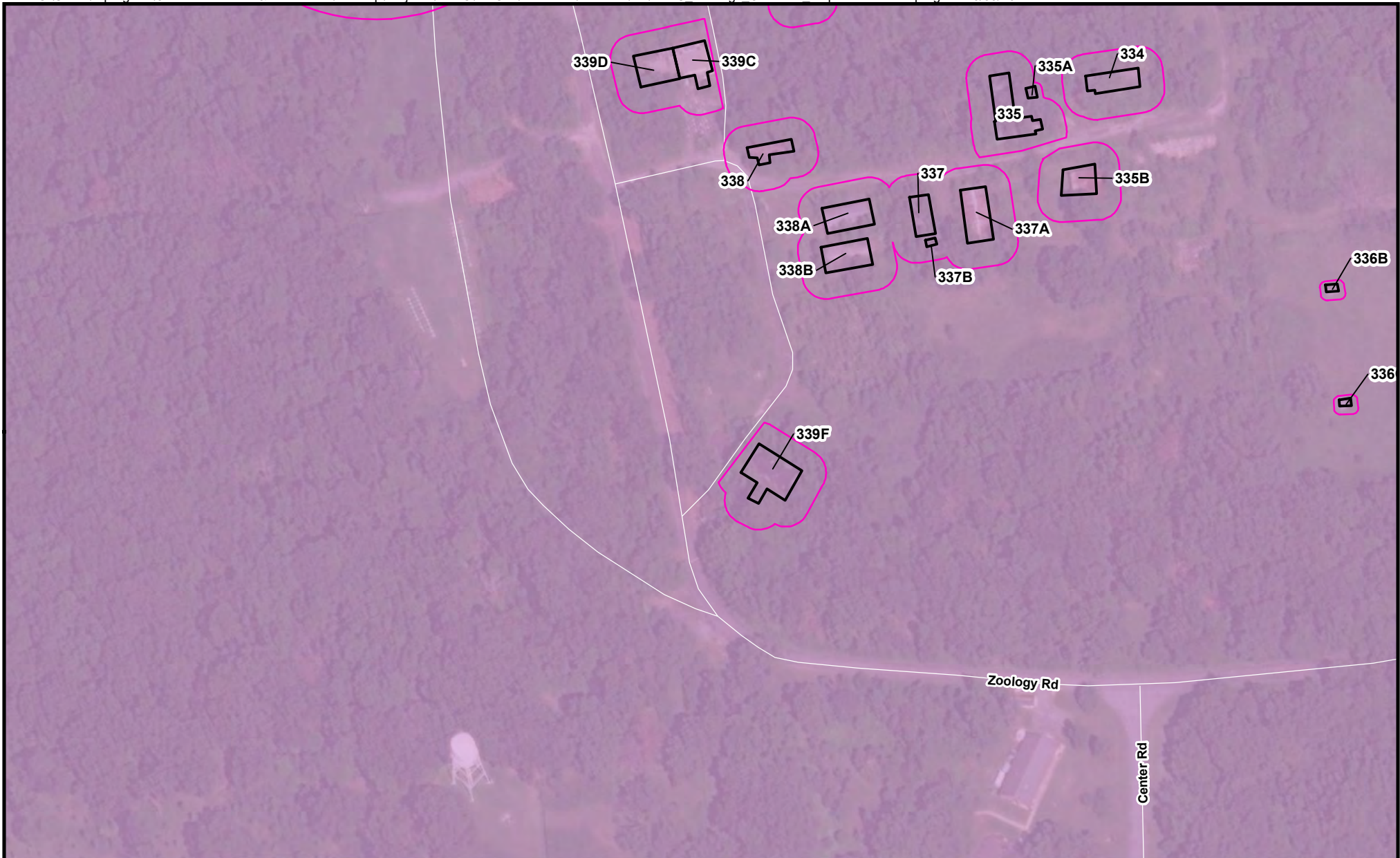
Attachment 1: Exhibit 1 – Overview  
of Farms with Buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 9 of 22












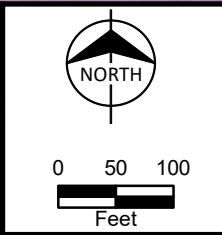
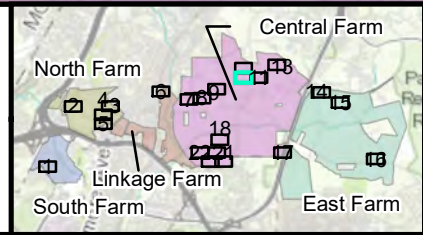


Physical APE	Central Farm		<p>NORTH</p>	<p>Attachment 1: Exhibit 1 – Overview of Farms with Buildings USDA-ARS Beltsville Agricultural Research Center Map 10 of 22</p>
NRHP District Boundary/Non-Physical APE	East Farm			
Buildings	Linkage Farm			
MOA Buildings	North Farm			
	South Farm			
		<p>0 50 100 Feet</p>		

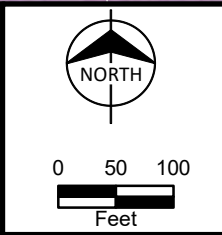
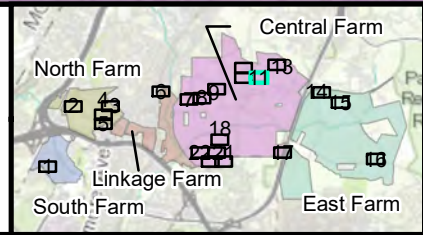
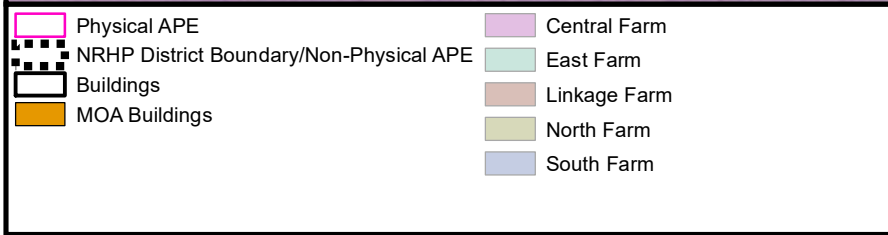




- |  |   |
|--|---|
|  Physical APE                            |  Central Farm |
|  NRHP District Boundary/Non-Physical APE |  East Farm    |
|  Buildings                               |  Linkage Farm |
|  MOA Buildings                           |  North Farm   |
|  |  South Farm   |

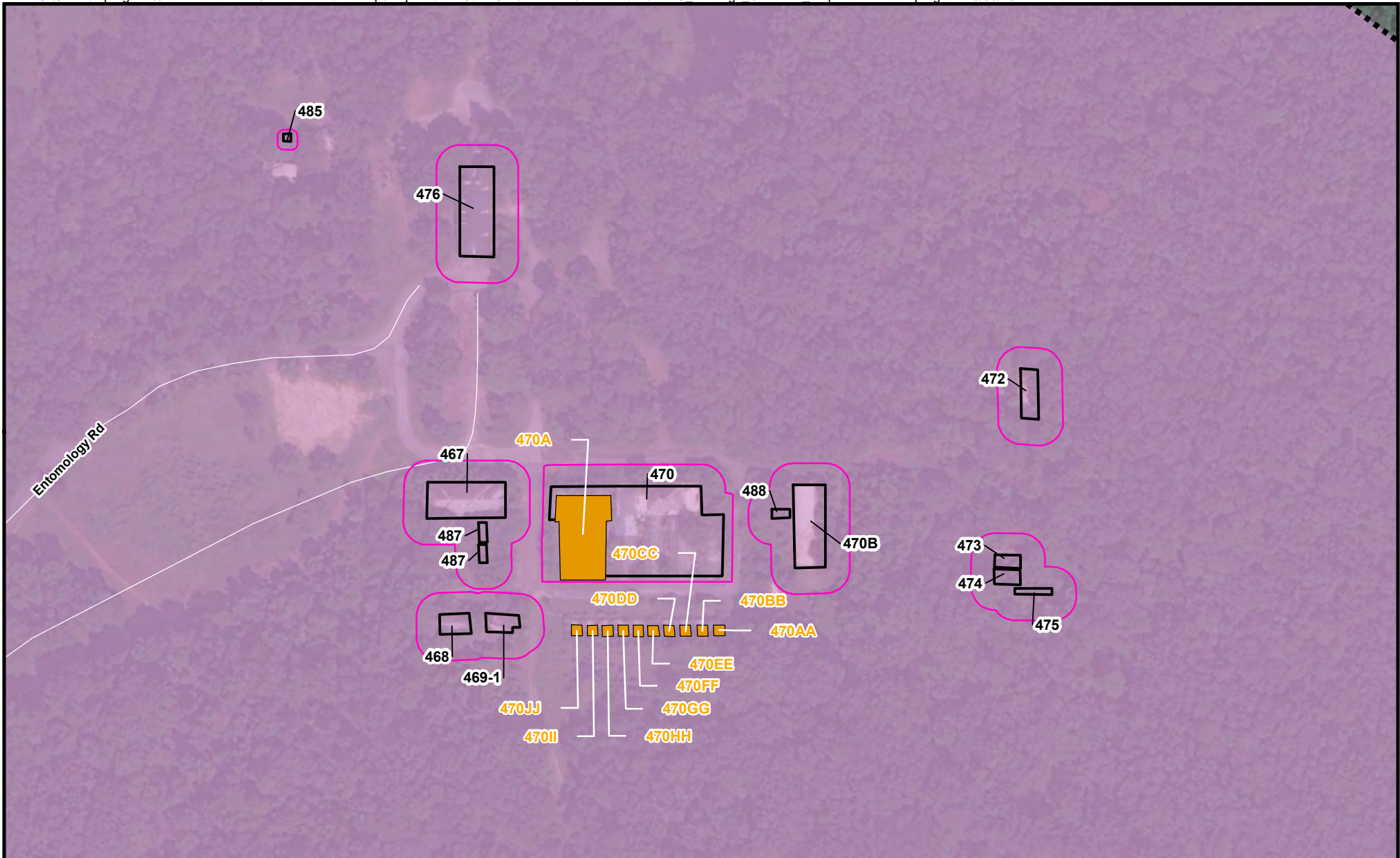


Attachment 1: Exhibit 1 – Overview of Farms with Buildings  
 USDA-ARS  
 Beltsville Agricultural Research Center  
 Map 11 of 22

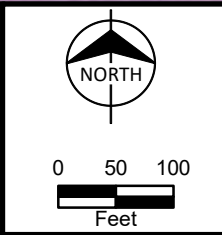
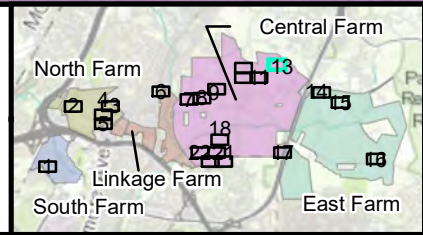


Attachment 1: Exhibit 1 – Overview of Farms with Buildings  
 USDA-ARS  
 Beltsville Agricultural Research Center  
 Map 12 of 22














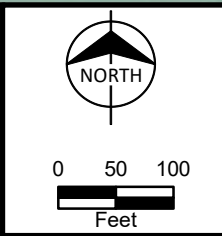
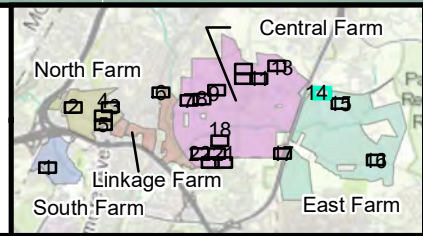
- |  |   |  |              |
|--|---|--|--------------|
|  | Physical APE                            |  | Central Farm |
|  | NRHP District Boundary/Non-Physical APE |  | East Farm    |
|  | Buildings                               |  | Linkage Farm |
|  | MOA Buildings                           |  | North Farm   |
|  |   |  | South Farm   |



Attachment 1: Exhibit 1 – Overview of Farms with Buildings  
 USDA-ARS  
 Beltsville Agricultural Research Center  
 Map 13 of 22












- |  |   |
|--|---|
|  Physical APE                            |  Central Farm |
|  NRHP District Boundary/Non-Physical APE |  East Farm    |
|  Buildings                               |  Linkage Farm |
|  MOA Buildings                           |  North Farm   |
|  |  South Farm   |

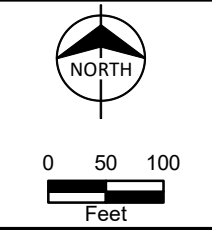
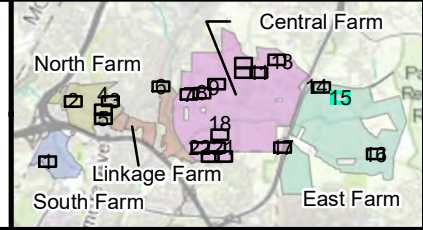


Attachment 1: Exhibit 1 – Overview of Farms with Buildings  
 USDA-ARS  
 Beltsville Agricultural Research Center  
 Map 14 of 22














- |  |   |   |              |
|--|---|---|--------------|
|  | Physical APE                            |  | Central Farm |
|  | NRHP District Boundary/Non-Physical APE |  | East Farm    |
|  | Buildings                               |  | Linkage Farm |
|  | MOA Buildings                           |  | North Farm   |
|  |   |  | South Farm   |

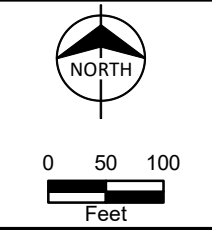
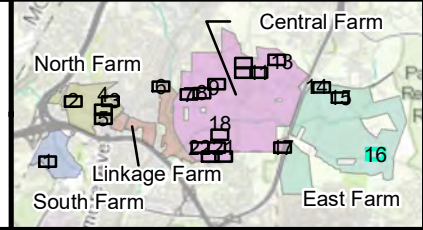


Attachment 1: Exhibit 1 – Overview  
of Farms with Buildings  
**USDA-ARS**  
Beltsville Agricultural  
Research Center  
Map 15 of 22

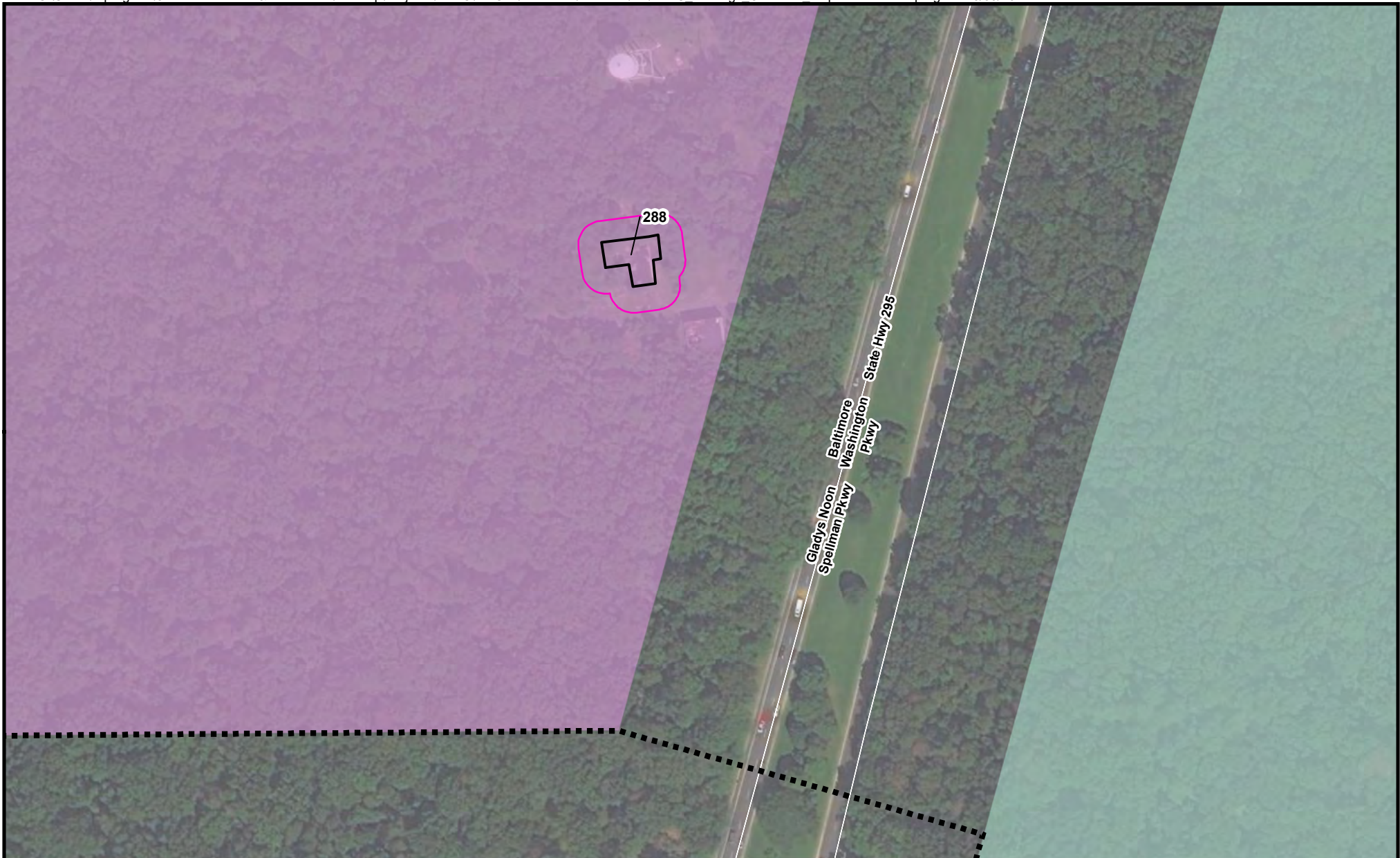




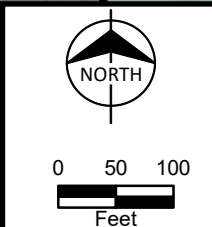
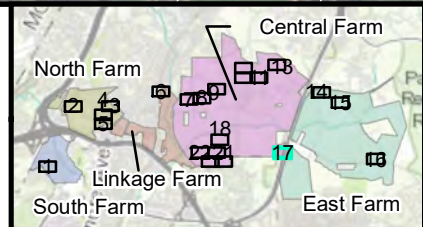
- |  |   |   |              |
|--|---|---|--------------|
|  | Physical APE                            |  | Central Farm |
|  | NRHP District Boundary/Non-Physical APE |  | East Farm    |
|  | Buildings                               |  | Linkage Farm |
|  | MOA Buildings                           |  | North Farm   |
|  |   |  | South Farm   |



Attachment 1: Exhibit 1 – Overview  
of Farms with Buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 16 of 22

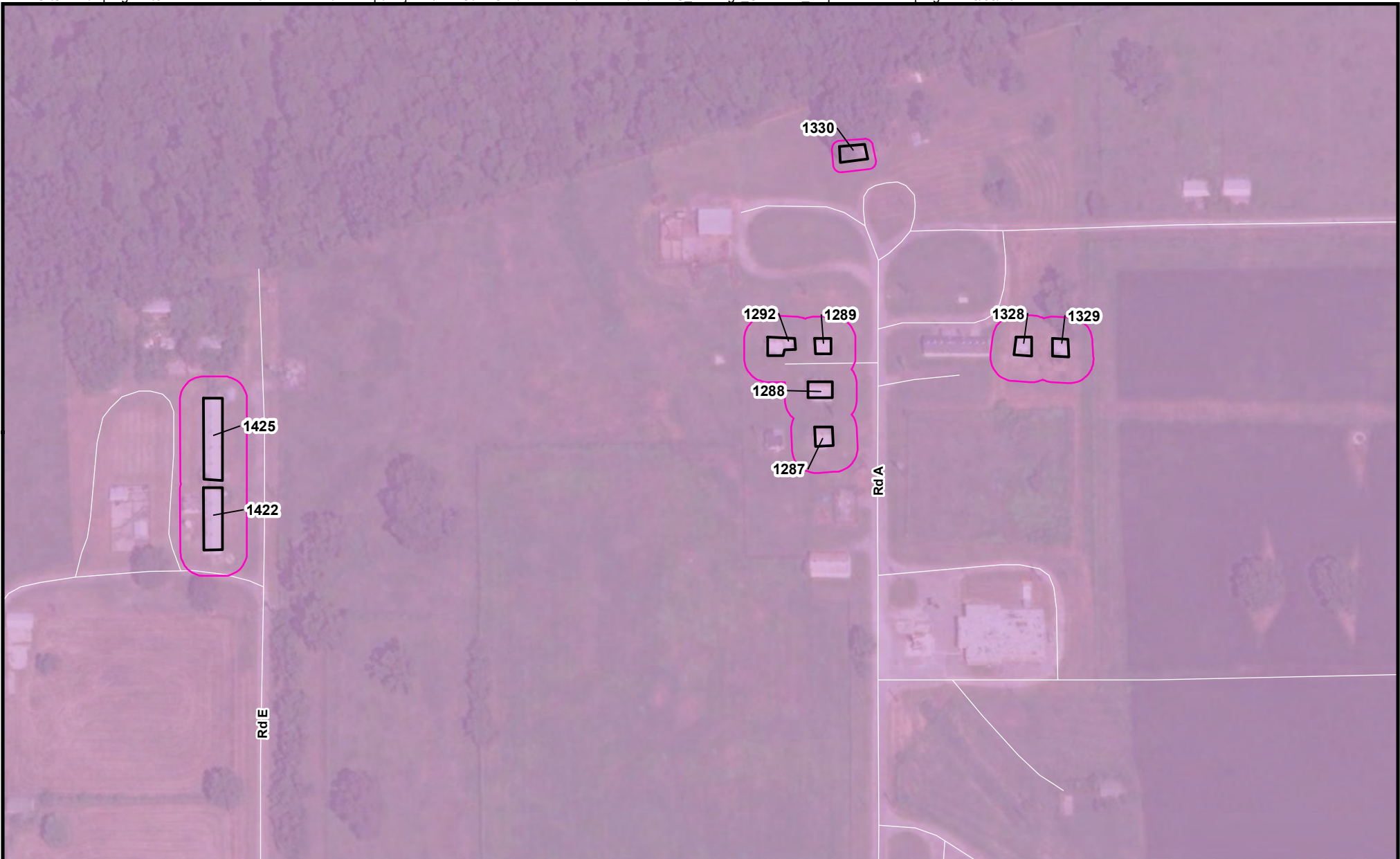











- Physical APE
- NRHP District Boundary/Non-Physical APE
- Buildings
- MOA Buildings
- Central Farm
- East Farm
- Linkage Farm
- North Farm
- South Farm

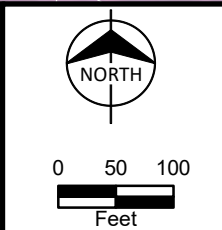
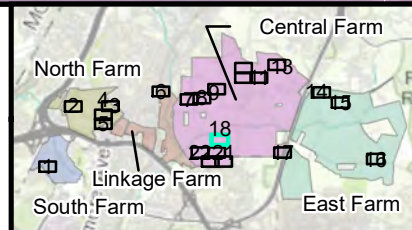


Attachment 1: Exhibit 1 – Overview  
of Farms with Buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 17 of 22





- |  |   |
|--|---|
|  Physical APE                            |  Central Farm |
|  NRHP District Boundary/Non-Physical APE |  East Farm    |
|  Buildings                               |  Linkage Farm |
|  MOA Buildings                           |  North Farm   |
|  |  South Farm   |

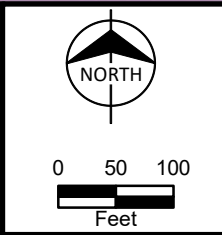
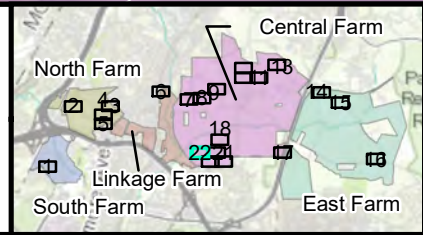


Attachment 1: Exhibit 1 – Overview  
of Farms with Buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 18 of 22

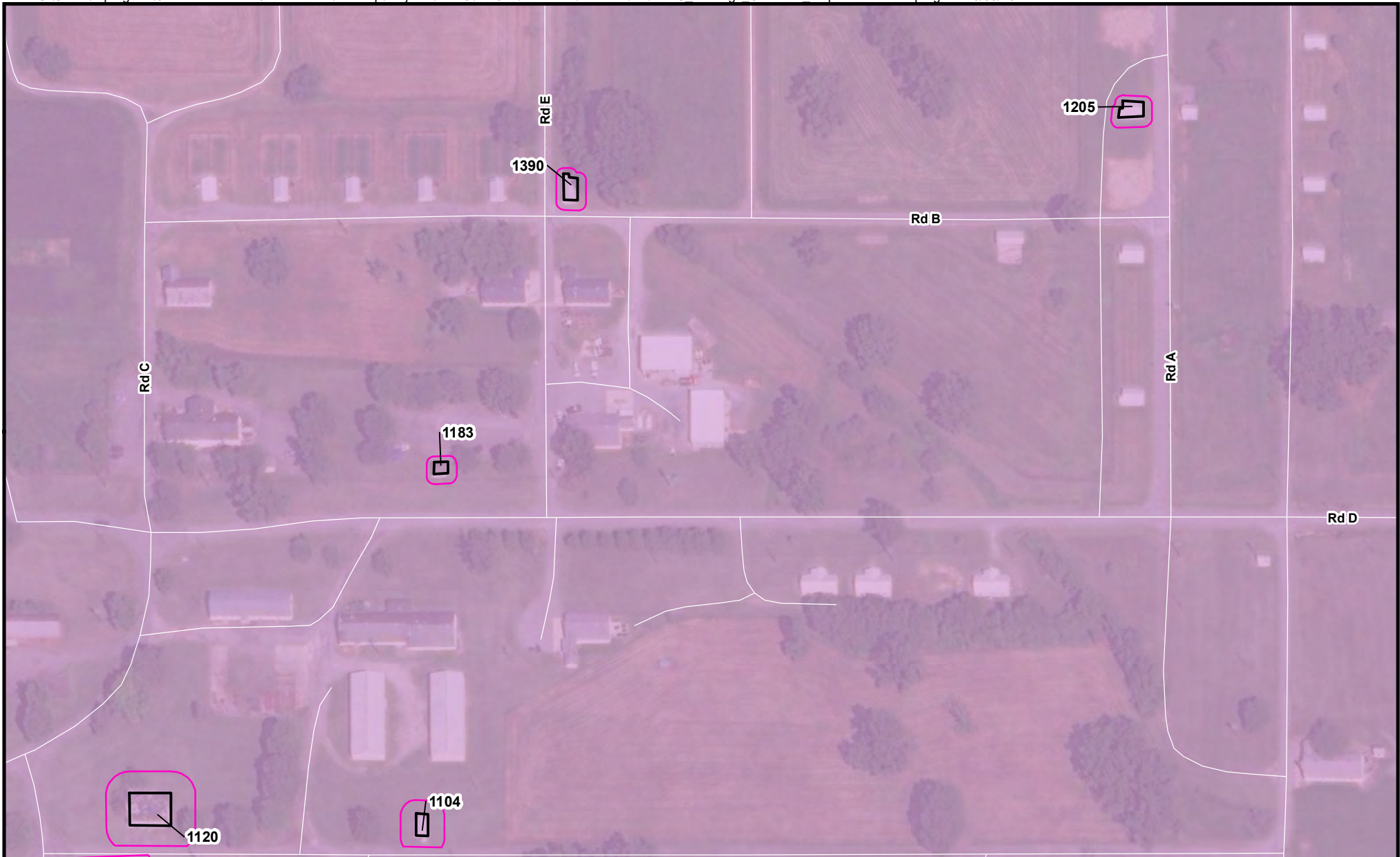




- Physical APE
- NRHP District Boundary/Non-Physical APE
- Buildings
- MOA Buildings
- Central Farm
- East Farm
- Linkage Farm
- North Farm
- South Farm












Attachment 1: Exhibit 1 – Overview  
of Farms with Buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 19 of 22

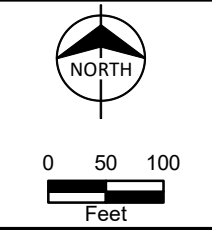
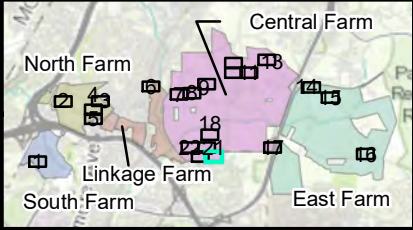


Physical APE	Central Farm		NORTH  0 50 100 Feet	Attachment 1: Exhibit 1 – Overview of Farms with Buildings USDA-ARS Beltsville Agricultural Research Center Map 20 of 22
NRHP District Boundary/Non-Physical APE	East Farm			
Buildings	Linkage Farm			
MOA Buildings	North Farm			
	South Farm			














- |  |   |  |              |
|--|---|--|--------------|
|  | Physical APE                            |  | Central Farm |
|  | NRHP District Boundary/Non-Physical APE |  | East Farm    |
|  | Buildings                               |  | Linkage Farm |
|  | MOA Buildings                           |  | North Farm   |
|  |   |  | South Farm   |

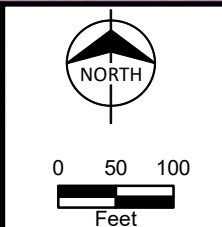
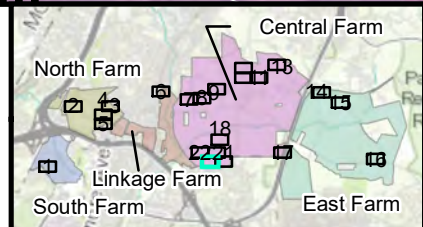


Attachment 1: Exhibit 1 – Overview of Farms with Buildings  
 USDA-ARS  
 Beltsville Agricultural Research Center  
 Map 21 of 22





 Physical APE	 Central Farm
 NRHP District Boundary/Non-Physical APE	 East Farm
 Buildings	 Linkage Farm
 MOA Buildings	 North Farm
	 South Farm

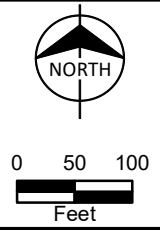
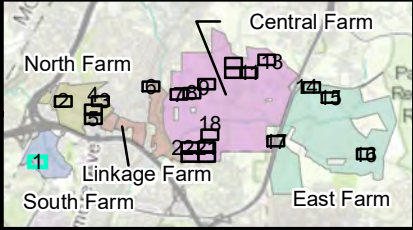


Attachment 1: Exhibit 1 – Overview of Farms with Buildings  
 USDA-ARS  
 Beltsville Agricultural Research Center  
 Map 22 of 22






 Phase II: Sheds/Isolated and Utilitarian Buildings

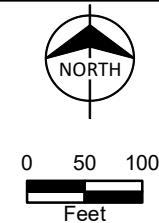
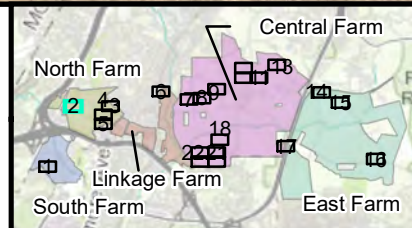


Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 1 of 22






 Phase I: Buildings for 2022 Demolition

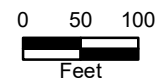
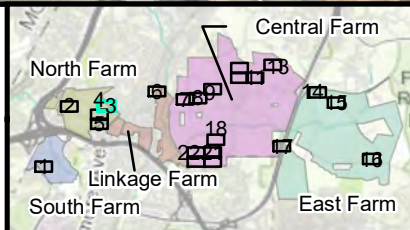


Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 2 of 22






 Phase III: North Farm




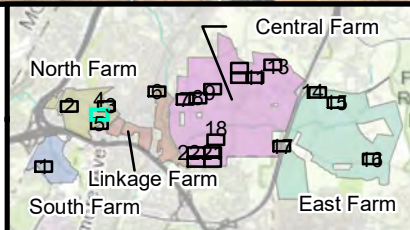
Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 3 of 22





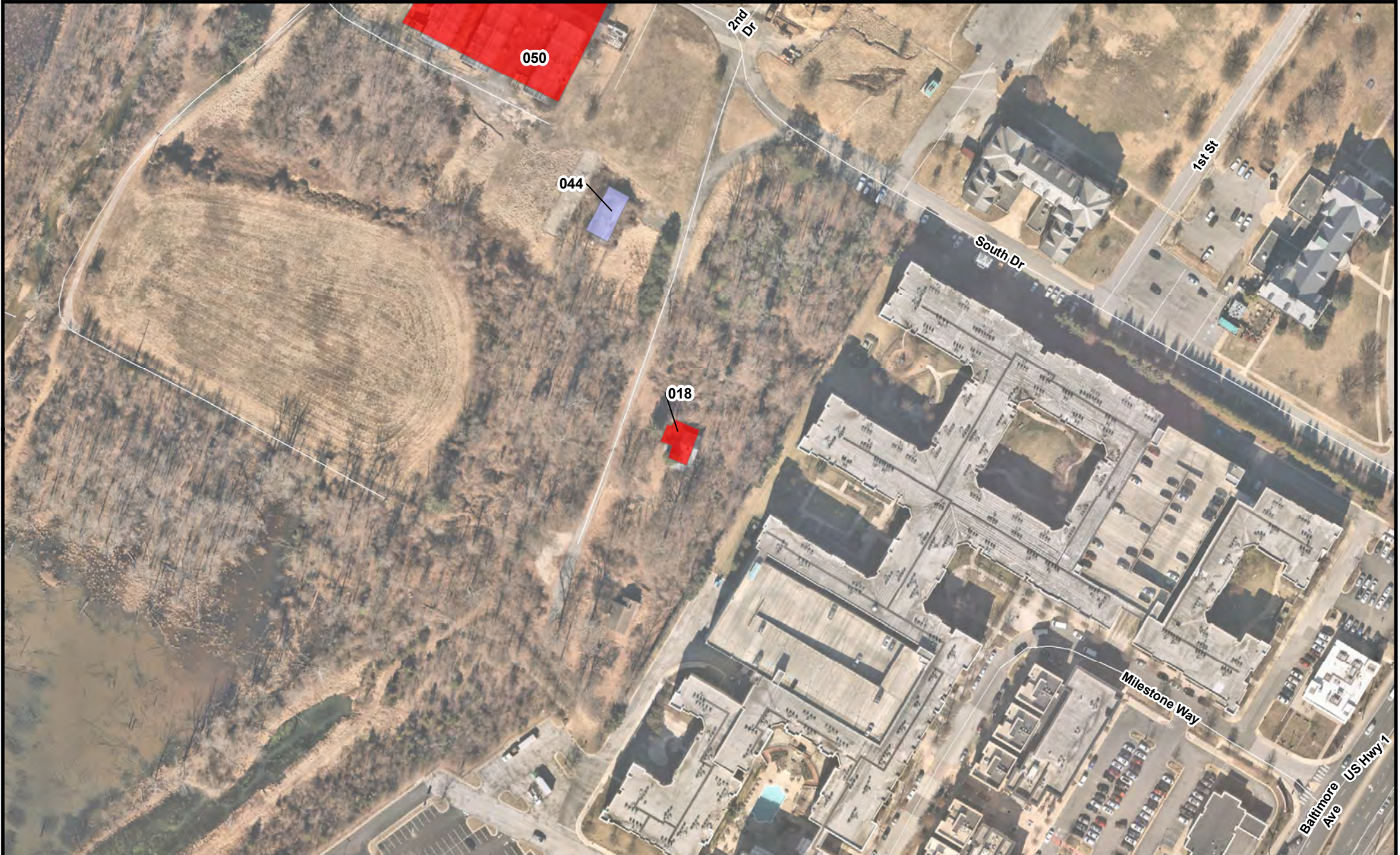
 Phase I: Buildings for 2022 Demolition

 Phase III: North Farm

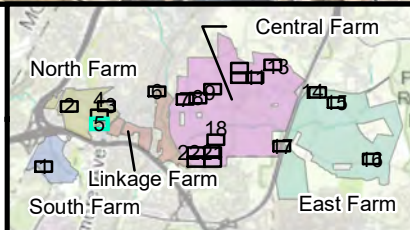


Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 4 of 22






- Phase I: Buildings for 2022 Demolition
- Phase III: North Farm

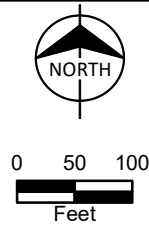
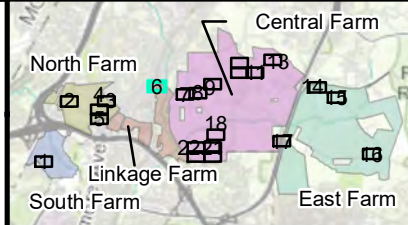


Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 5 of 22





 Phase I: Buildings for 2022 Demolition

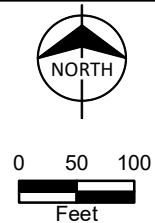
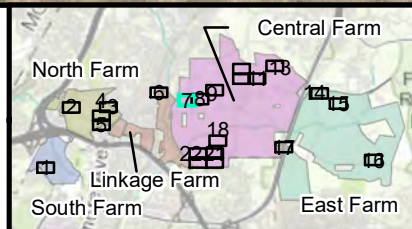


Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 6 of 22







- Phase I: Buildings for 2022 Demolition
- Phase II: Sheds/Isolated and Utilitarian Buildings

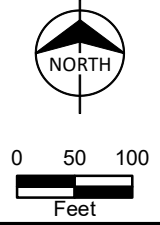
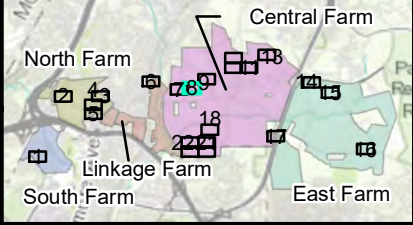


Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 7 of 22



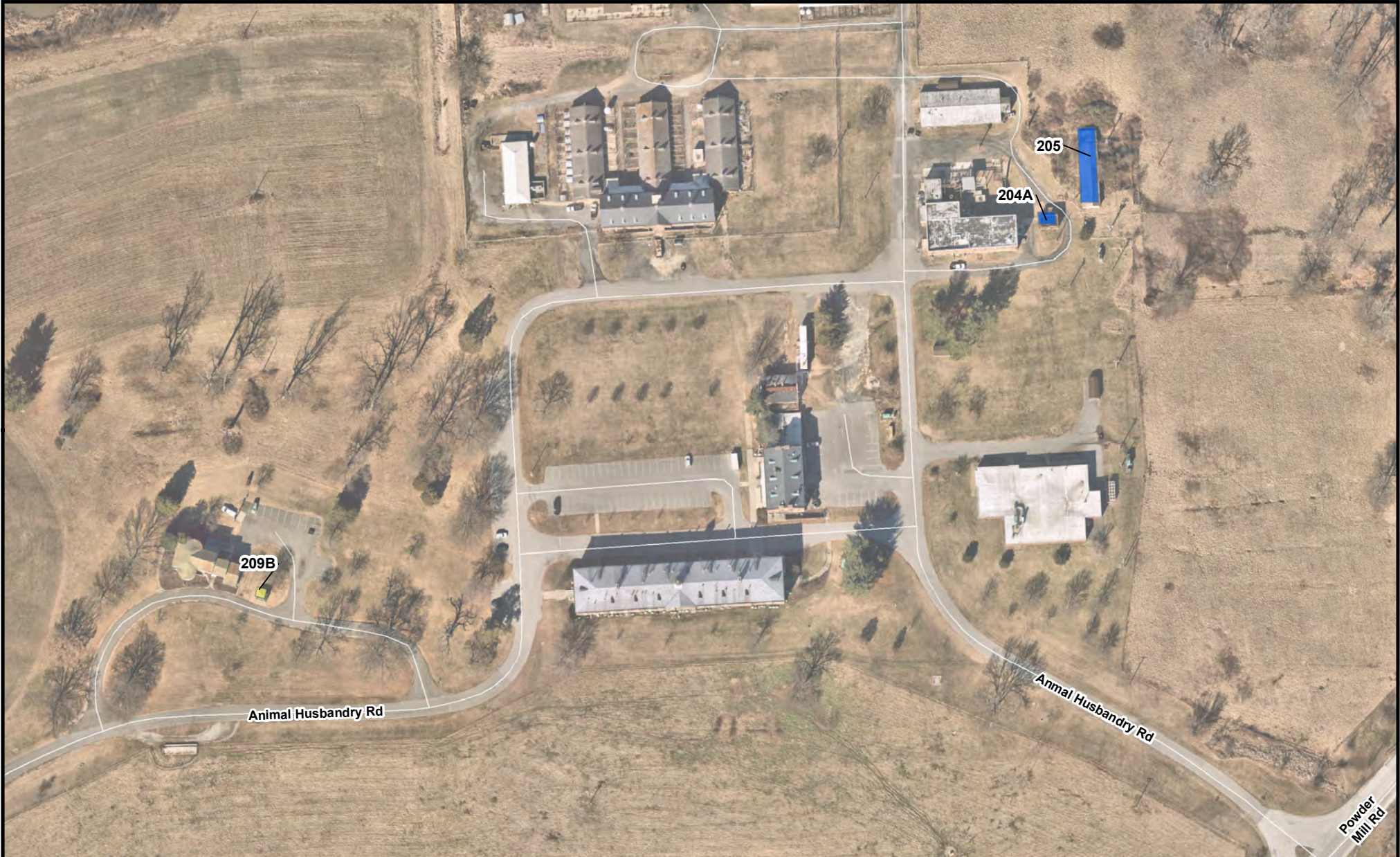


-  MOA Buildings
-  Phase I: Buildings for 2022 Demolition

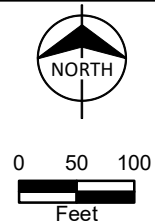
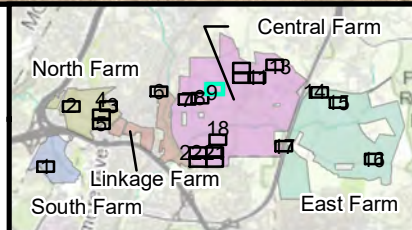


Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 8 of 22





- Phase II: Sheds/Isolated and Utilitarian Buildings
- To be retained as per USDA-ARS



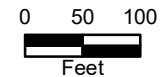
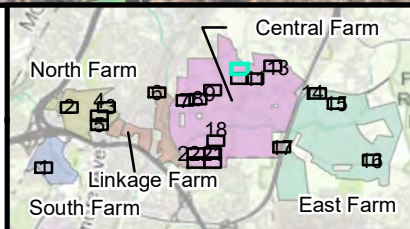
Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 9 of 22





Phase II: Sheds/Isolated and Utilitarian Buildings



Phase IV: 300's/400's

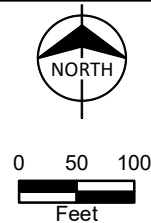
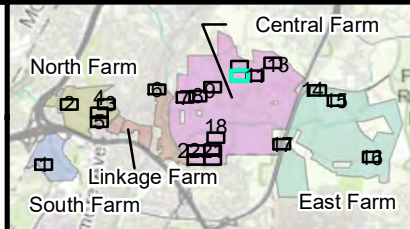


Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 10 of 22





-  Phase II: Sheds/Isolated and Utilitarian Buildings
-  Phase IV: 300's/400's

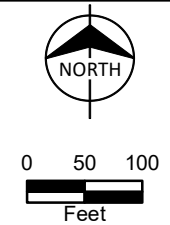
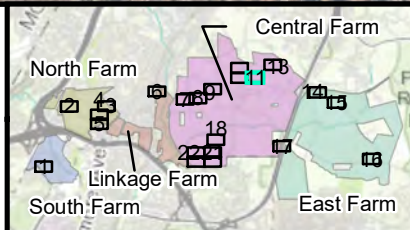


Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 11 of 22



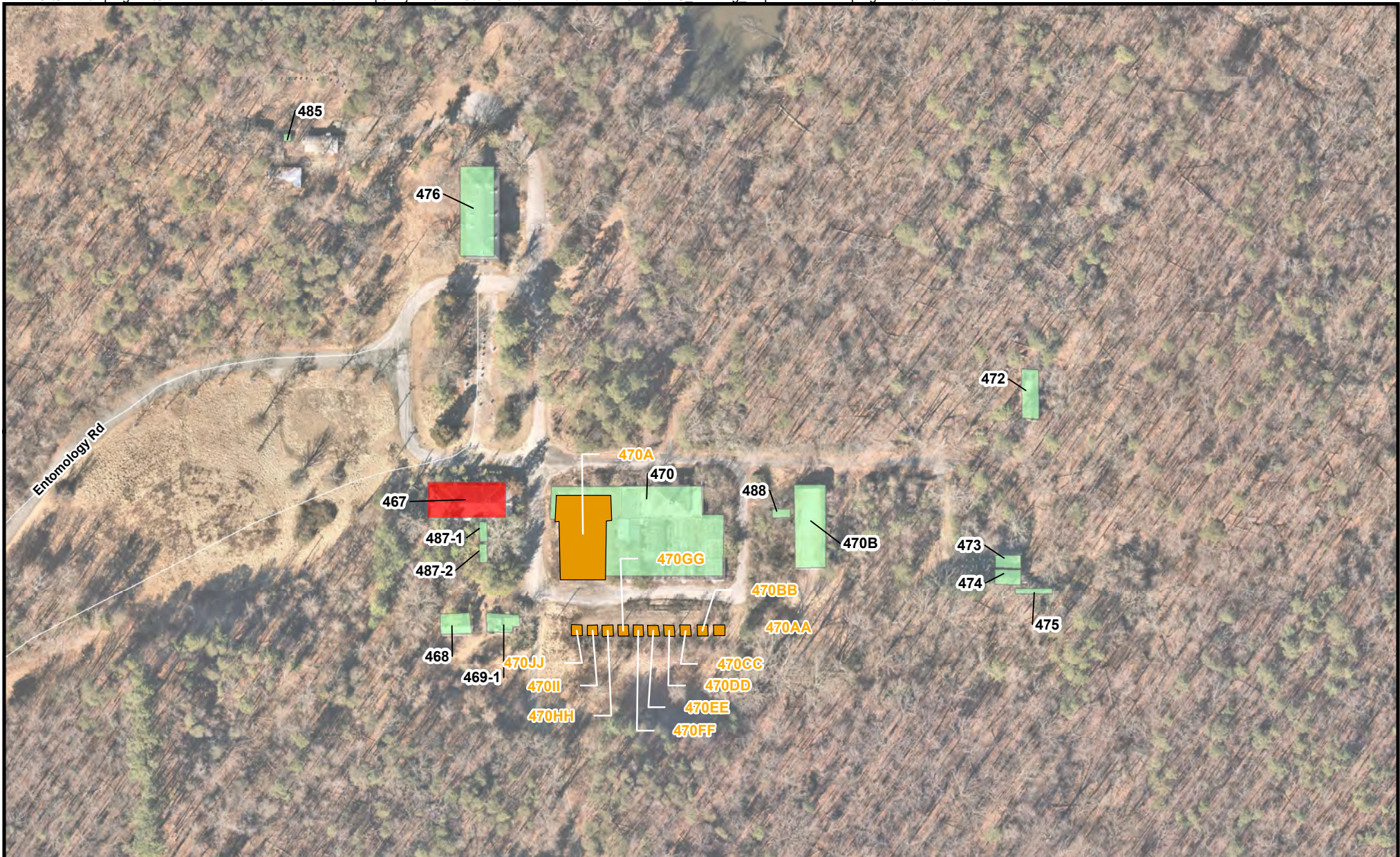


 Phase II: Sheds/Isolated and Utilitarian Buildings

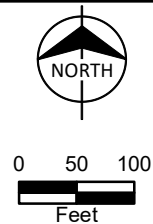
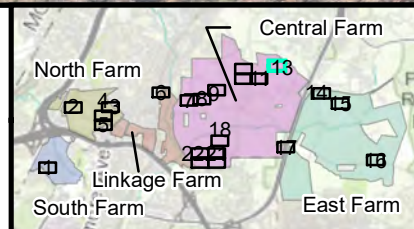


Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 12 of 22



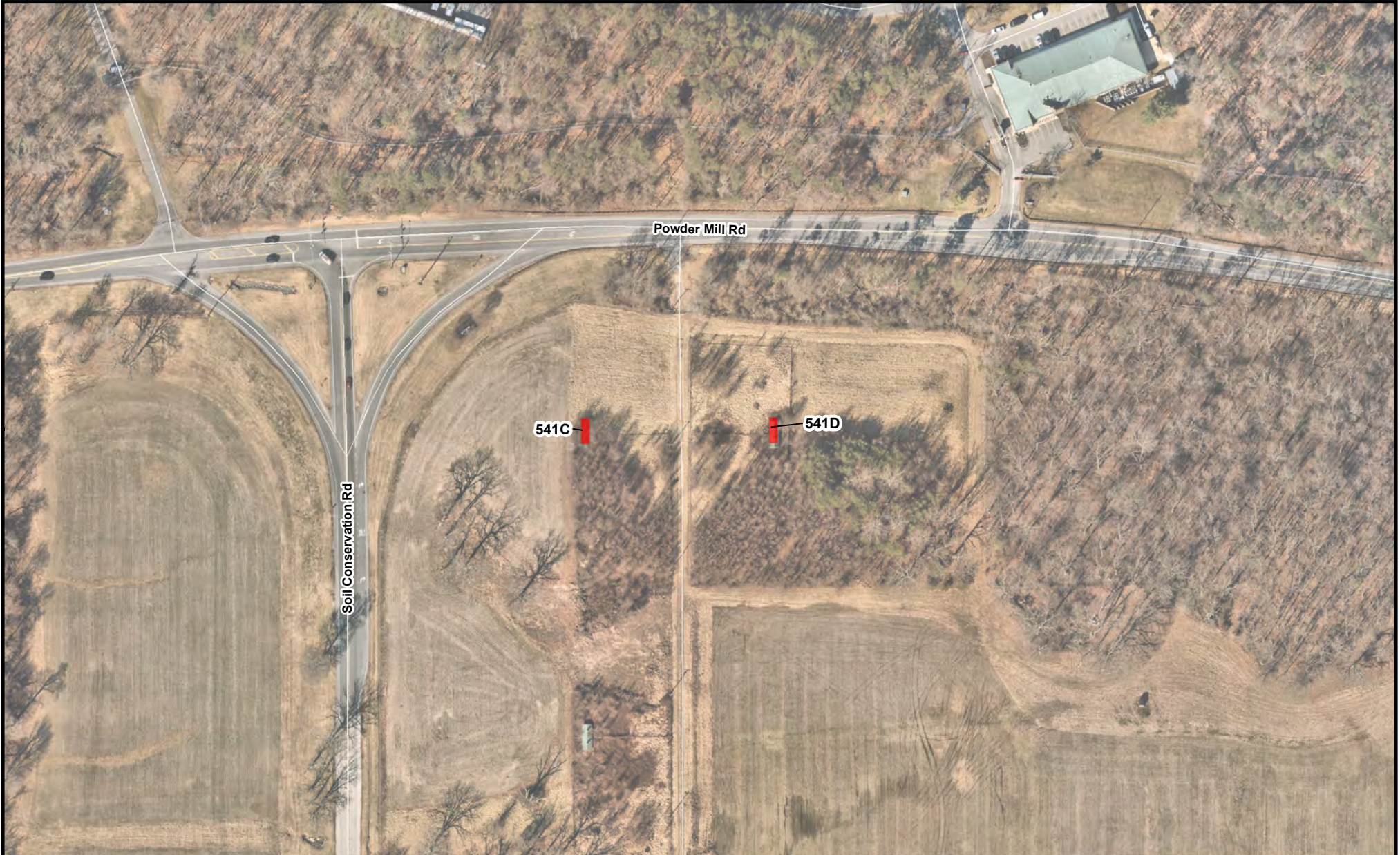



- MOA Buildings
- Phase I: Buildings for 2022 Demolition
- Phase IV: 300's/400's

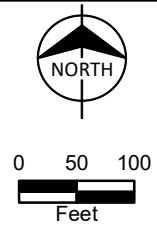
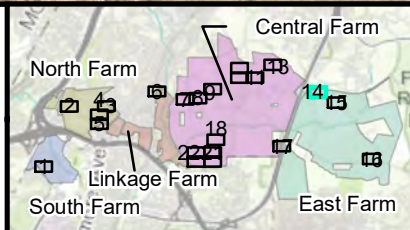


Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 13 of 22





 Phase I: Buildings for 2022 Demolition

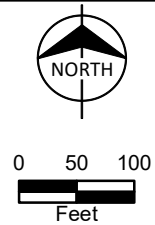
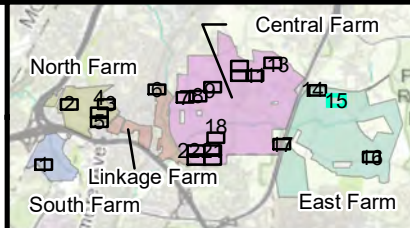


Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 14 of 22



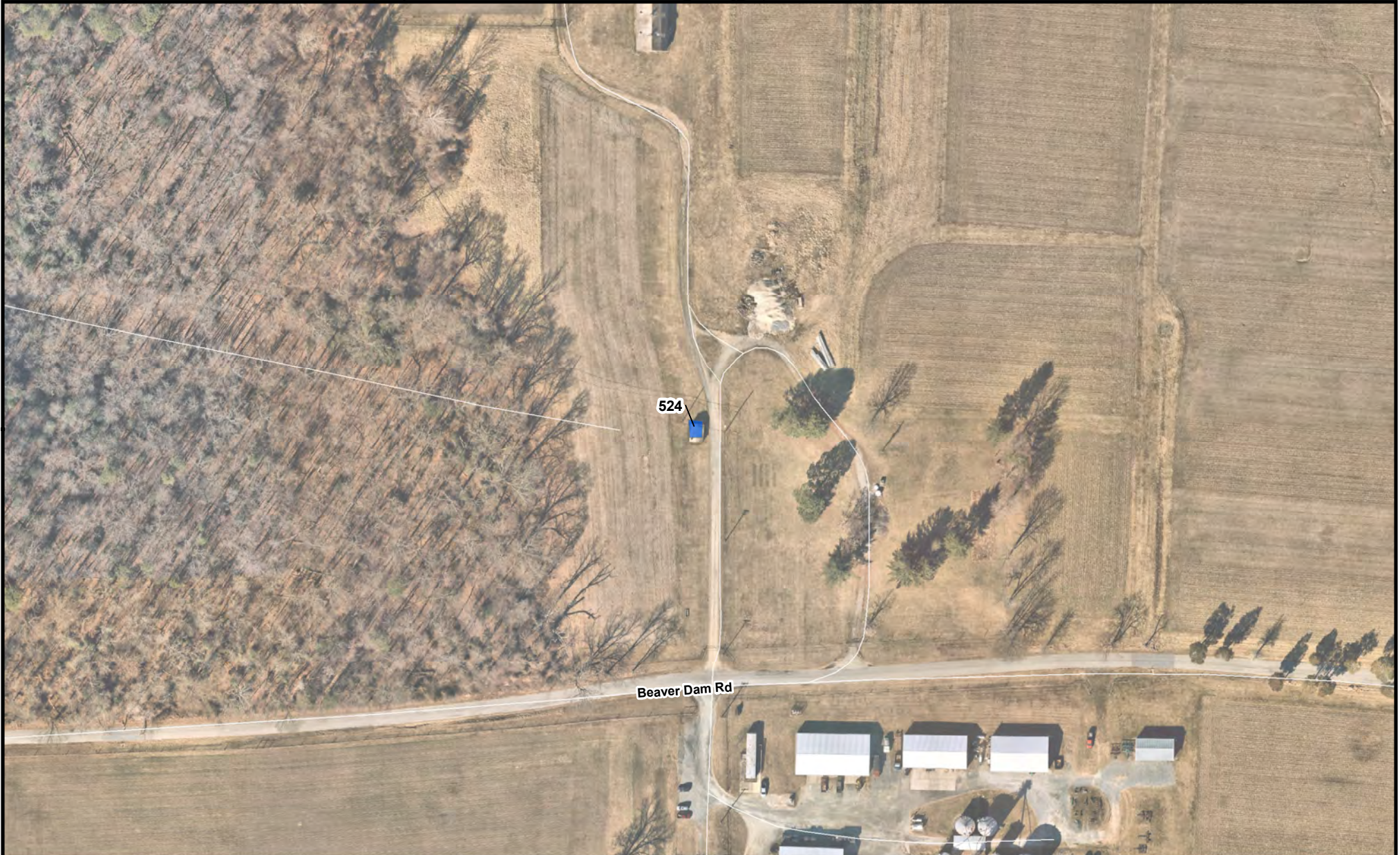


 Phase II: Sheds/Isolated and Utilitarian Buildings

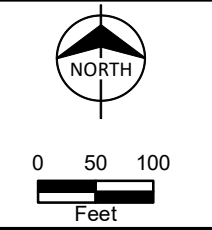
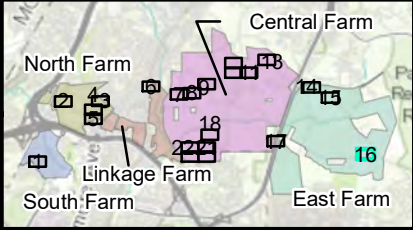


Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 15 of 22





 Phase II: Sheds/Isolated and Utilitarian Buildings

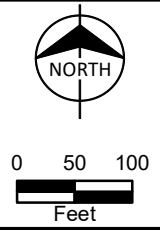
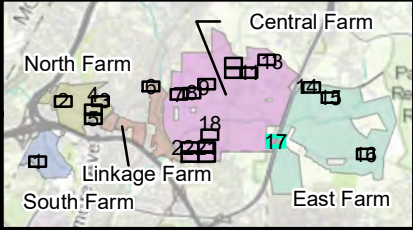


Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 16 of 22





 Phase II: Sheds/Isolated and Utilitarian Buildings

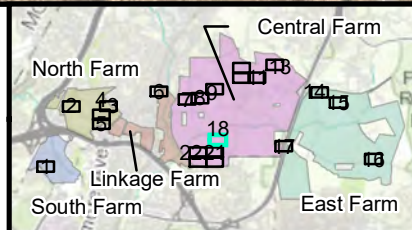


Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 17 of 22





 Phase V: SW Portion of Central Farm



0 50 100  
Feet

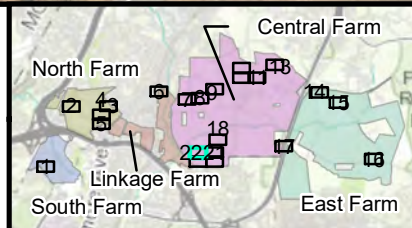
Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 18 of 22





Phase II: Sheds/Isolated and Utilitarian Buildings

Phase V: SW Portion of Central Farm



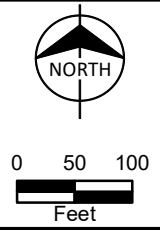
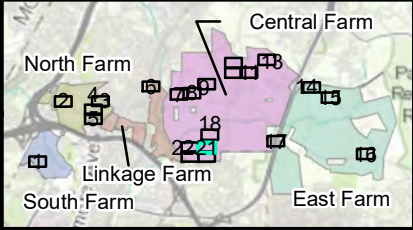
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Feet

Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 19 of 22





 Phase V: SW Portion of Central Farm

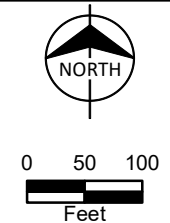
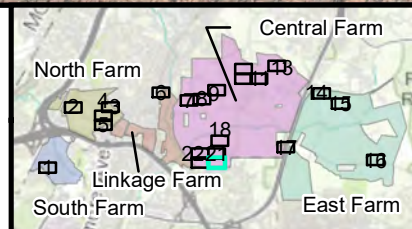


Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 20 of 22





- Phase I: Buildings for 2022 Demolition
- Phase V: SW Portion of Central Farm

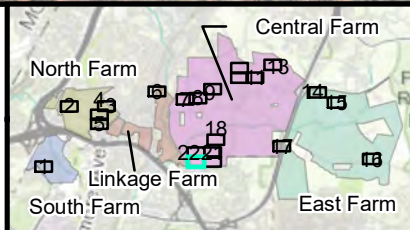


Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 21 of 22





Phase V: SW Portion of Central Farm



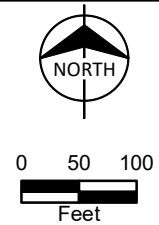
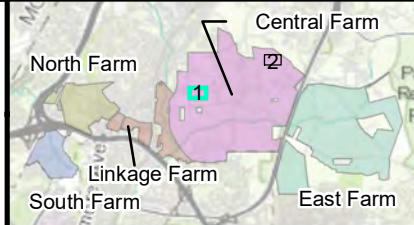
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Feet

Attachment 1: Exhibit 2 – Phasing  
Mapbook with 116 buildings  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 22 of 22



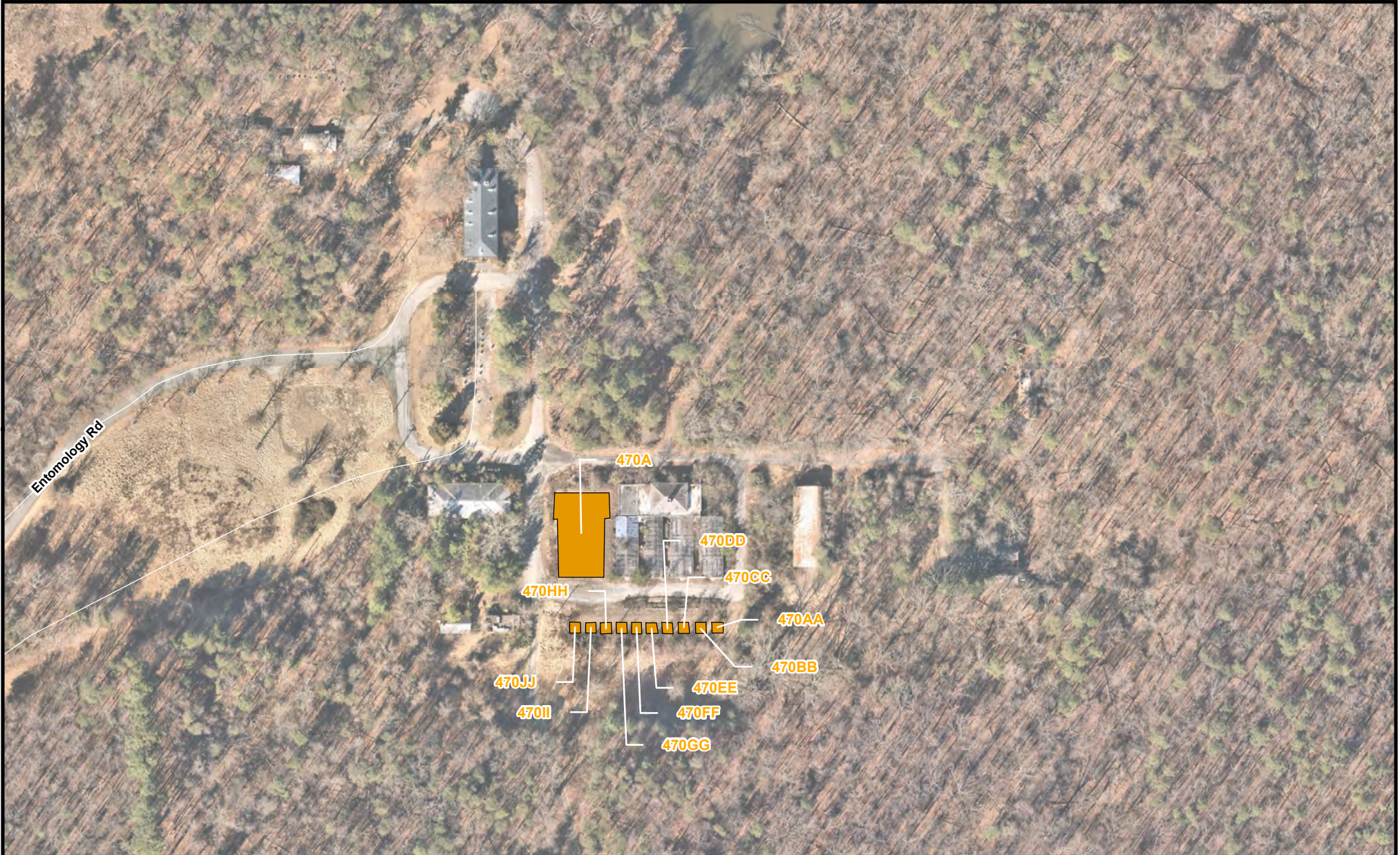


 MOA Buildings

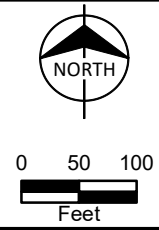
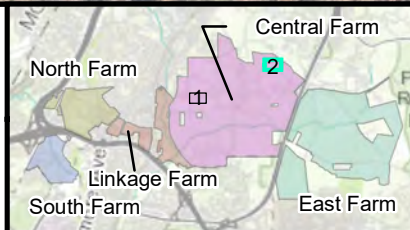


Attachment 1: Exhibit 3 – 12 Buildings  
Demolished as Per MOA  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 1 of 2






 MOA Buildings



Attachment 1: Exhibit 3 – 12 Buildings  
Demolished as Per MOA  
USDA-ARS  
Beltsville Agricultural  
Research Center  
Map 2 of 2





 Historic American Building Survey (HABS)



Attachment 1: Exhibit 4 – Buildings  
Proposed for HABS documentation  
USDA-ARS  
Beltsville Agricultural  
Research Center



**ATTACHMENT 2 - DEMOLITION PHASING TABLES**

**Phase I – Buildings for 2022 Demolition (List Provided by USDA-ARS) (FFY 2023 to 2025)**

<b>Building Number</b>	<b>MIHP No.</b>	<b>Building Name</b>	<b>Year Built</b>	<b>PA Commitments and Mitigation Required Prior to Demolition</b>
0018	PG:61-34	Smallwood House	ca. 1935	Confirm APE has not changed after demolition plans are finalized; update MIHP Form
0038	PG:61-79	Potato House	1934	Confirm APE has not changed after; demolition plans are finalized Update MIHP Form
0039	PG:61-80	Bulb House	1934	Confirm APE has not changed after; Update MIHP Form
0040	PG:61-81	Fruit Storage House	1934	Confirm APE has not changed after; Update MIHP Form
0041	PG:61-82	Fallout Shelter	1943	Confirm APE has not changed after; Update MIHP Form
0050	PG:61-83	Headhouse with Greenhouse	ca. early to mid-1960s	Confirm APE has not changed after; Update MIHP Form
0085	PG:67-45	Granary	1936	Confirm APE has not changed after; Update MIHP Form
0085A	PG:67-62	Granary Service Building	ca. 1950	Confirm APE has not changed after; Update MIHP Form
0085B	PG:67-76	Granary Garage	1933	Confirm APE has not changed after; Update MIHP Form
166A	PG:67-47	Silo Shed	1934	Confirm APE has not changed after; Update MIHP Form
0467	PG:62-61	Entomology "C" Building, Headhouse & Greenhouse	ca. 1935	Confirm APE has not changed after; Update MIHP Form
541C	PG:64-24	Hog House	1942	Confirm APE has not changed after; Update MIHP Form
541D	PG:64-24	Hog House	1942	Confirm APE has not changed after; Update MIHP Form
1073	N/A	Foreman's House Garage	1935	Confirm APE has not changed after; Complete MIHP Form



1100	PG:67-56	Parasitological Laboratory	1936	Confirm APE has not changed after; Update MIHP Form
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**Proposed Phase II – Shed/Isolated and Utilitarian Buildings (FFY 2025 to 2027)**

<b>Building Number</b>	<b>MIHP No.</b>	<b>Building Name</b>	<b>Year Built</b>	<b>Mitigation Required Prior to Demolition</b>
0060	PG:66-79	Service Building D	1942	Confirm APE has not changed after; Update MIHP Form
204A	PG:62-43	Post-Mortem Building	1924	Confirm APE has not changed after; Update MIHP Form
205	PG:62-44	Meat Laboratory Holding Shelter	1945	Confirm APE has not changed after; Update MIHP Form
0288	N/A	Storage	1938	Confirm APE has not changed after; Complete MIHP Form
321A	N/A	Walk-in-Box	1933	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
321B	N/A	Walk-in-Box	1938	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
336B-336C	N/A	Hog Shed	1949	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0337B	N/A	Storage	1940	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
341R	N/A	Hog Shed	1950	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0342	N/A	Hog Shed	1950	Approval of HABS Documentation; Confirm APE has not changed

<b>Building Number</b>	<b>MIHP No.</b>	<b>Building Name</b>	<b>Year Built</b>	<b>Mitigation Required Prior to Demolition</b>
				after; Complete MIHP Form
342A-D	N/A	Hog Sheds	1950	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
370-377	N/A	Poultry Houses	1945	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
378	N/A	Field Pen/Storage	1950	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
385	N/A	Pole Shed	1958	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
524	PG:64-22	Gas Station	1933	Confirm APE has not changed after; Update MIHP Form
543	PG:64-25	Main Dog Kennel	1939	Confirm APE has not changed after; Update MIHP Form
543A	PG:64-25	Animal Shed	1939	Confirm APE has not changed after; Update MIHP Form
1052	PG:67-52	Chemical Storage Building	1940	Confirm APE has not changed after; Update MIHP Form
1053	PG:67-53	Storage Building	1935	Confirm APE has not changed after; Update MIHP Form
1054	N/A	Storage	1961	Confirm APE has not changed after; Complete MIHP Form



**Proposed Phase III – North Farm (FFY 2027 to 2029)**

<b>Building Number</b>	<b>MIHP No.</b>	<b>Building Name</b>	<b>Year Built</b>	<b>Mitigation Required Prior to Demolition</b>
0009	PG:61-17	Green House Range 3	1943	Confirm APE has not changed after; Update MIHP Form
0011A	PG:61-87	Bioscience Research Building	1970	Confirm APE has not changed after; Update MIHP Form
0044	N/A	Storage	1958	Confirm APE has not changed after; Complete MIHP Form

**Proposed Phase IV – 300s/400s (FY 2029 to 2031)**

<b>Building Number</b>	<b>MIHP No.</b>	<b>Building Name</b>	<b>Year Built</b>	<b>Mitigation Required Prior to Demolition</b>
177B	N/A	Electron Microscope Laboratory	1967	Previously demolished
0321	N/A	Eradiation Laboratory	1933	HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0322	N/A	Cattle Barn	1938	HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0323	N/A	Bull Barn	1940	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0324	N/A	Garage and Implement Shed	1934	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0324A	N/A	Garage and Implement Shed	1934	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0324B	N/A	Garage and Implement Shed	1934	Approval of HABS Documentation; Confirm APE has not changed

<b>Building Number</b>	<b>MIHP No.</b>	<b>Building Name</b>	<b>Year Built</b>	<b>Mitigation Required Prior to Demolition</b>
				after; Complete MIHP Form
0327	N/A	Growth Chamber Box	1950	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0328	N/A	Food and Drug Laboratory	1934	HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
333	N/A	Quarantine Building/Dog Kennel	1934	HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
334	N/A	Parasite Investigation Laboratory	1934	HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
335	N/A	Parasite Brooder House	1938	HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
335A	N/A	Insectary/Low Storage	1939	HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
335B	N/A	Feed Barn	1940	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0337	N/A	Laboratory	1949	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0337A	N/A	Swine Research	1967	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
338	N/A	Coccidiosis Laboratory	1934	HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0338A	N/A	Laboratory/Storage	1934	Approval of HABS Documentation; Confirm



<b>Building Number</b>	<b>MIHP No.</b>	<b>Building Name</b>	<b>Year Built</b>	<b>Mitigation Required Prior to Demolition</b>
				APE has not changed after; Complete MIHP Form
0338B	N/A	Animal Building	1934	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0339C	N/A	Animal Shed	1949	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0339D	N/A	Animal Research Building	1967	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0339F	N/A	Laboratory	1976	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0340	N/A	Swine Barn	1938	HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0344	N/A	Sheep Barn	1938	HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0357	N/A	Food & Drug Barn	1940	HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0362	N/A	Storage	1955	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0363	N/A	Storage	1955	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0364	N/A	Storage	1950	Approval of HABS Documentation; Confirm APE has not changed

<b>Building Number</b>	<b>MIHP No.</b>	<b>Building Name</b>	<b>Year Built</b>	<b>Mitigation Required Prior to Demolition</b>
				after; Complete MIHP Form
0369	N/A	Log House	1947	HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0391	N/A	Animal Shelter	1961	Approval of HABS Documentation; Confirm APE has not changed after; Complete MIHP Form
0468	PG:62-62	Laboratory "C" Annex	1934	Confirm APE has not changed after; Update MIHP Form
0469-1	N/A	Laboratory	1969	Confirm APE has not changed after; Complete MIHP Form
0470	PG:62-63	Entomology Greenhouses	1934	Confirm APE has not changed after; Update MIHP Form
470A	N/A	Laboratory Headhouse and Greenhouses	1968	Previously demolished
470AA-470JJ	N/A	Greenhouses	1966-1967	Previously demolished
470B	PG:62-64	Quonset Insecticide Storage Building	1962	Confirm APE has not changed after; Update MIHP Form
0472	PG:62-51	Spray Mixing Shed	1950	Confirm APE has not changed after; Update MIHP Form
0473	PG:62-52	Mushroom House	1934	Confirm APE has not changed after; Update MIHP Form
474	PG:62-52	Mushroom House	1934	Confirm APE has not changed after; Update MIHP Form
0475	PG:62-53	Mushroom House	1934	Confirm APE has not changed after; Update MIHP Form
0476	PG:62-54	Main Laboratory Building/Laboratory "A"	1935	Confirm APE has not changed after; Update MIHP Form
485	PG:62-55	Storage Shed	1940	Confirm APE has not changed after; Update MIHP Form
487-1 and 487-2	PG:62-66	Walk-in-Box	1959	Confirm APE has not changed after; Update MIHP Form



<b>Building Number</b>	<b>MIHP No.</b>	<b>Building Name</b>	<b>Year Built</b>	<b>Mitigation Required Prior to Demolition</b>
488	PG:62-66	Walk-in-Box	1959	Confirm APE has not changed after; Update MIHP Form

**Proposed Phase V – SW Portion of Central Farm (FFY 2031 to 2033)**

<b>Building Number</b>	<b>MIHP No.</b>	<b>Building Name</b>	<b>Year Built</b>	<b>Mitigation Required Prior to Demolition</b>
1002	PG:67-50	Feed Barn	1938	Confirm APE has not changed after; Update MIHP Form
1005	PG:67-51	Pen Barn	1938	Confirm APE has not changed after; Update MIHP Form
1062	PG:67-54	Horse and Cattle Barn	1935	Confirm APE has not changed after; Update MIHP Form
1063	PG:67-55	Horse and Cattle Barn	1935	Confirm APE has not changed after; Update MIHP Form
1064	PG:67-55	Horse and Cattle Barn	1935	Confirm APE has not changed after; Update MIHP Form
1070	PG:67-63	Superintendent's House	1935	Confirm APE has not changed after; Update MIHP Form
1071	PG:67-63	Superintendent's Garage	1935	Confirm APE has not changed after; Update MIHP Form
1072	N/A	Foreman's Residence/Office	1935	Confirm APE has not changed after; Complete MIHP Form
1092	N/A	Foreman's Garage	1935	Confirm APE has not changed after; Complete MIHP Form
1104	PG:67-57	Field Pen	1935	Confirm APE has not changed after; Update MIHP Form
1120	PG:67-58	Pathological Laboratory	1945	Confirm APE has not changed after; Update MIHP Form
1183	PG:67-60	Water Pumping House	1938	Confirm APE has not changed after; Update MIHP Form
1205	N/A	Animal Pen	1972	Confirm APE has not changed after; Complete MIHP Form

<b>Building Number</b>	<b>MIHP No.</b>	<b>Building Name</b>	<b>Year Built</b>	<b>Mitigation Required Prior to Demolition</b>
1287	PG:67-61	Poultry Laboratory	1952	Confirm APE has not changed after; Update MIHP Form
1288	N/A	Laboratory	1968	Confirm APE has not changed after; Complete MIHP Form
1289	PG:67-61	Poultry Laboratory	1952	Confirm APE has not changed after; Update MIHP Form
1292	PG:67-61	Poultry Laboratory	1952	Confirm APE has not changed after; Update MIHP Form
1328	PG:67-65	Colony Brooder Houses	1945	Confirm APE has not changed after; Update MIHP Form
1329	PG:67-65	Colony Brooder Houses	1945	Confirm APE has not changed after; Update MIHP Form
1330	N/A	Storage Shed	1940	Confirm APE has not changed after; Complete MIHP Form
1390	N/A	Storage	1972	Confirm APE has not changed after; Complete MIHP Form
1422	PG:67-66	Swine Research Laboratory	1945	Confirm APE has not changed after; Update MIHP Form
1425	PG:67-67	Swine Products Barn	1945	Confirm APE has not changed after; Update MIHP Form



**ATTACHMENT 3 - UNANTICIPATED DISCOVERY  
PLAN**

## ATTACHMENT 3

### UNANTICIPATED DISCOVERIES PLAN FOR CULTURAL RESOURCES AND HUMAN REMAINS

#### I. INTRODUCTION AND DEFINITIONS

The United States Department of Agriculture Agricultural Research Service (USDA-ARS) intends to demolish 128 buildings at the Beltsville Agricultural Research Center (BARC) in Beltsville, Prince George's County, Maryland.

This document describes the procedures to follow in the event an unanticipated discovery is made during demolition. An unanticipated discovery is defined as a cultural resource, human remains, or funerary objects that are encountered during demolition activities where it was not anticipated. Cultural resources may include historic or prehistoric artifacts, such as arrowheads, pottery, glass, or metal 50 years old or older or cultural features such wells, buildings, or concentrations of burned rocks, charcoal, shell, or animal bones 50 years old or older. Funerary objects are items of human manufacture intentionally placed with human remains at the time of burial or after interment and may include gravestones, a burial vessel such as a coffin, or ceremonial offerings.

The stipulations of the unanticipated discoveries plan as set forth below are in accordance with Section 106 of the National Historic Preservation Act (16 USC 470f), the Annotated Code of Maryland Criminal Law Crimes relating to Human Remains (Title 10, Subtitle 4), and the Native American Graves Repatriation Act (NAGPRA, 25 U.S.C. 3001), as required.

#### II. PROCEDURES FOR THE DISCOVERY OF CULTURAL RESOURCES

If any member of the demolition work force believes that a cultural resource is encountered the following plan will be implemented:

1. All work within immediate area of the discovery will immediately stop and the **Demolition Supervisor** will be notified. The area of work stoppage will be adequate to provide for the security, protection, and integrity of the discovery.
2. The **Demolition Supervisor** will take appropriate steps to protect the discovery. The discovery will be carefully covered and secured for protection from the elements or unauthorized individuals. The area of the discovery will be fenced off and flagged as an exclusion zone. The **Demolition Supervisor** will immediately notify the USDA-ARS Representative.
3. The USDA-ARS Representative will arrange for the discovery to be evaluated by a SOI-qualified archaeologist. The archaeologist will evaluate the remains and provide recommendations for how to manage the resource under Section 106 of the National Historic Preservation Act.



4. If the discovery is determined to have potential for National Register of Historic Places (NRHP) eligibility, the archaeologist and USDA-ARS will also consult with the Maryland State Historic Preservation Office (MD SHPO) on treatment measure(s) to avoid, minimize, or otherwise mitigate further impacts. Work in the immediate area will not resume until treatment of the discovery has been completed.
5. The archaeologist will implement the appropriate treatment measure(s) and provide a report on its methods and results as required. The investigation and technical report will be performed in compliance with the Secretary of the Interior's *Standards and Guidelines for Archaeological Documentation* (48 CFR 44734--44737) and the Maryland Historical Trust *Standards and Guidelines for Archeological Investigations in Maryland*.

### III. PROCEDURES FOR THE DISCOVERY OF HUMAN REMAINS

If any member of the demolition work force believes that human remains or funerary objects are encountered the following plan will be implemented:

1. Any human remains or funerary objects discovered during demolition will at all times be treated with dignity and respect. Do not call 911 or speak with the media.
2. All work within immediate area of the discovery will immediately stop and the **Demolition Supervisor** will be notified. The area of work stoppage will be adequate to provide for the security, protection, and integrity of the remains.
3. The **Demolition Supervisor** will take appropriate steps to protect the remains. The discovery will be carefully covered with a tarp and secured for protection from the elements or unauthorized individuals. The area of the discovery will be fenced off and flagged as an exclusion zone. The **Demolition Supervisor** will immediately notify the USDA-ARS Representative.
4. The USDA-ARS Representative will immediately notify the Prince George's County State's Attorney as required under the law. The State's Attorney will determine the appropriate course of action in consultation with USDA-ARS, MD SHPO, descendants, or tribal representatives, as appropriate. Work in the immediate area will not resume until treatment of the discovery has been completed.

### IV. CONTACTS

**Demolition Supervisor**  
Name  
Title  
Number

USDA-ARS  
DRAFT Unanticipated Discoveries Plan  
128 Building Demolition

Email

Demolition Supervisor Alternate

Name  
Title  
Number  
Email

USDA-ARS Representative  
Chizo Irechukwu  
Supervisory Asset Manager  
(301) 504-5664  
[chizo.irechukwu@usda.gov](mailto:chizo.irechukwu@usda.gov)

USDA-ARS Representative Alternate

Name  
Title  
Number  
Email

MD SHPO Representative  
Beth Cole  
Administrator  
410-697-9591  
[beth.cole@maryland.gov](mailto:beth.cole@maryland.gov)

MD SHPO Representative Alternate

Name  
Title  
Number  
Email

Prince George's County State's Attorney  
Aisha N. Braveboy  
(301) 952-3500



**ATTACHMENT 4 - NPS SCHEDULE OF DEMOLITION**



# United States Department of the Interior



NATIONAL PARK SERVICE  
Interior Region 1  
North Atlantic-Appalachian  
1234 Market Street, 20<sup>th</sup> Floor  
Philadelphia, PA 19107

IN REPLY REFER TO:

H40(4506)

July 28, 2022

Lydia Costello, Assistant Cultural Resources Specialist  
Burns & McDonnell  
8911 North Capital of Texas Highway #3100  
Austin, TX 78759  
<via e-mail>

Dear Ms. Costello:

Thank you for your inquiry to the National Park Service (NPS) concerning the level of Historic American Building Survey (HABS) documentation required for the Beltsville Agricultural Research Center and Buildings 321, 322, 328, 333, 334, 335, 335A, 338, 340, 344, 357, and 369, in Beltsville, Maryland. To expedite our review, please refer to this name in all correspondence. We will request HABS numbers from our Washington office once we receive the first draft of the documentation.

The enclosed Schedule of Documentation will meet mitigation documentation standards generally required by an MOA. However, it may be subject to change based on stipulations identified in the final signed agreement. Please send a copy of the final agreement directly to this office once it has been signed. Documentation must be prepared per Historic American Building Survey (HABS) guidelines found at: <https://www.nps.gov/hdp/standards/HABS/HABSHistoryGuidelines.pdf> and <https://www.nps.gov/hdp/standards/PhotoGuidelines.pdf>

Please note that the enclosed Schedule of Documentation is based on the May 20, 2022, Burns & McDonnell Memorandum with the subject line, "Historic American Building Survey (HABS) within the 300 Area Cluster at the United States Department of Agriculture Agricultural Research Service's Beltsville Agricultural Research Center, Prince George's County, Maryland." Therefore, if the final Memorandum of Agreement or Programmatic Agreement differs significantly from the findings in this memo, documentation requirements may be subject to



change, and the United States Department of Agriculture will be responsible for providing any additional materials required for compliance.

Please be advised that records in the HABS/HAER collection are created for the U.S. Government and are in the public domain. Therefore, preparers of both written and photographic HABS/HAER documentation are reminded that it is their responsibility to secure any necessary permissions for further desired use or reproduction of copyrighted materials included within the HABS/HAER documentation. For this reason, all preparers must complete and return one copy of the enclosed "Release and Assignment" form for each repository, which transfers and assigns all rights to the National Park Service, including but not limited to copyrights in the HABS/HAER materials being submitted. Please note that should these releases not be obtained, the written and/or photographic documentation may not include this material.

Once draft documentation is complete, please submit it to this office for review. We will return incomplete or incorrect reports for revision. When the documentation is accepted, we will transmit the material to the Library of Congress for inclusion in the HABS/HAER collection.

Please contact this office at (215) 597-1726, if you have any questions.

Sincerely,

*Catherine Turton*

Catherine Turton  
HABS/HAER Coordinator, Interior Region 1, North Atlantic - Appalachian

cc:  
MD SHPO  
HABS/HAER, WASO

SCHEDULE OF DOCUMENTATION  
FOR THE RECORDING OF  
Beltsville Agricultural Research Center  
HABS No. MD-XXX

I. WRITTEN DOCUMENTATION

Written documentation must follow the “Historic American Building Survey Guidelines for Historical Reports” A HABS “Outline Format” overview of the complex is required. (Please see the description of Outline Format reports beginning at the bottom of Page 2-3 and beginning again at the bottom half of Page 4 in [Historic American Buildings Survey Guidelines for Historical Reports](#)). This section should stress landscape architectural, architectural, and historical significance of the overall complex at the national level. The written history should be based on a combination of primary and secondary sources. Data shall follow the accepted rules of form and grammar as outlined in *The Chicago Manual of Style*.

For groups of buildings, such as those in a complex, different questions must be asked than for an individual structure. Please include the following information:

- 1) Description of physical context or how the complex relates to the surrounding environment
- 2) Description of historical context, primarily concerning the buildings’ relationship to the historical development of the surrounding area and to trends in local and national histories
- 3) Specific historical data, including the dates of initial planning and development, any changes in plan and evolution, individuals such as architects, city planners, and developers, associated with the site studied, and associated historical events
- 4) Physical description of the site according to the original plan, as it has changed over time, and as it is at the present.

These broader questions frame the overall narrative for individual buildings or structures identified as part of a complex. Still, information on specific buildings within the complex must also be included in the supporting reports for those buildings. Please describe the historic context of each building. Include a summary of the construction history, with major alterations and identification of key parts and equipment, a description of workflow within the buildings, a detailed discussion of changing uses over time, and a comparison to similar BARC buildings. Identify whether any of the buildings to be recorded served as experimental architecture prototypes.

While significant as a national center for agricultural experimentation and testing, the Beltsville Agricultural Research Center is also significant for its designed landscape. Describe the significance of the site and the context in which it was created and later evolved. Discuss the site’s evolution over time, including original plans and later additions and alterations. Include a discussion of the area’s agricultural history, the relationship of BARC to nearby towns or industries, and the growth of transportation in



the region. The report should describe the site's landscape architectural and physical characteristics as it currently exists. What are its character-defining features? What influence did A.D. Taylor and Delos Smith have on the landscape's design? Is that influence still visible? What impact did the presence of the Civilian Conservation Corps have on the landscape? How much has the landscape been altered due to functional changes to buildings and grounds? Please see the [Historic American Landscapes Survey Guidelines for Historical Reports](#) for additional information.

The overview will be followed by outline format reports for each building in the complex as follows: 0321 Eradiation Laboratory, 0322 Cattle Barn, 0328 Food and Drug Laboratory, 333 Quarantine Building/Dog Kennel, 334 Parasite Investigation Laboratory, 335 Parasite Brooder House, 335A Insectary/Low Storage, 338 Coccidiosis Laboratory, 0340 Swine Barn, 0344, Sheep Barn, 0357 Food and Drug Barn, and 0369 Log House.

## II. GRAPHIC DOCUMENTATION

A chronological series of 8½" x 11" historic site plans (**copyright-free**), showing key periods in the evolution of the Beltsville Agricultural Research Center (BARC) is required. This should include a current plan, showing the location of Central Farm within the larger BARC complex, and a plan of Central Farm with each documented structure clearly identifiable within it. Each plan must include the source and date.

All graphics follow the text for each corresponding individual report and have one-inch margins and a header on each page, with the pagination following that of the written documentation. All the information must fit within the one-inch margins.

## III. PHOTOGRAPHIC DOCUMENTATION

A. For guidance on photographic documentation, please see "[Heritage Documentation Programs HABS/HAER/HALS Photography Guidelines](#)." A separate Index to Photographs is required for the overview and each individually documented building; a Key to Photographs is also required for the overview and for each individually documented building. Large-format photographs should clearly depict the appearance and character defining elements of the subjects. Archival processed negatives will accompany a contact print on non-resin coated archival paper. A duplicate photograph with a scale will be included of the principal facade or otherwise significant elevations or details.

B. For the complex overview:

Overall views of the complex to include context views that illustrate relationships between buildings and the overall setting, with an emphasis on capturing the broader context of landscape design, use, and geography. Views may include more than one building.

- Contextual views of the landscape; aerial photographs if possible.
- General landscape views.
- Structures and structural elements, such as fences and hardscaping.
- Views capturing the spatial relations of buildings, structures, and the landscape. Include cemetery and amphitheater.
- Views showing successful architectural experimentation prototypes
- Views toward building clusters (if practical)

C. Historic views:

A thorough search should be undertaken, and photographic copies made of existing historic photographs, **if they are copyright-free**. The source and approximate date of the copied photograph should be stated in the caption in the Index to Photographs. If a collection of historic photos is housed and preserved in an **accessible archival collection**, their reproduction for HABS/HAER/HALS may not be necessary. Historic images (particularly aerial photographs) may help to illustrate changes over time. Include only *if the copyright release form can be obtained*. Noting their existence in an appropriate footnote or as a bibliographic entry is also important, particularly if the images remain copyrighted. If historical views cannot be found, please list in the bibliography all the repositories searched.

#### IV. MEASURED DRAWINGS

Drawings should complement the history and photographic recordation of a site and convey its character-defining features. The package should include site plans, existing conditions, and circulation plans that help to illustrate changes to the site over time and relay how the spatial organization of the landscape relates to its agricultural uses. Details may identify functional and designed site features. Please send any drawings as .pdfs for review purposes. Heritage Documentation Programs will provide a title block after review of the draft documentation.

#### V. ELECTRONIC COPY

All historical reports are to be prepared using Microsoft Word software and submitted in hard copy and electronic forms. An archival gold CD/DVD containing a PDF of the FINAL historical report must be submitted. The PDF and the paper copy must exactly match each other. The conversion to PDF may alter the page layout so printing the paper



copy from the PDF rather than the word processing document is recommended. All electronic copies (photo index, historical report, drawings, and field notes) may be submitted on the same CD/DVD. Please do not submit the CD/DVD until you have received final verification that all revisions are accepted.

VI. PACKAGING REQUIREMENTS:

- A. We will request a HABS number for this project from our Washington office. Please contact our office to obtain this number before submitting the documentation.
- B. All materials submitted as documentation must follow the requirements outlined in:
  - "Historic American Buildings Survey Guidelines for Historical Reports" found here: <https://www.nps.gov/hdp/standards/HABS/HABSHistoryGuidelines.pdf>
  - "Preparing HABS/HAER/HALS Documentation for Transmittal (Updated December 2017)," found here: <https://www.nps.gov/hdp/standards/Transmittal.pdf>

SCHEDULE OF DOCUMENTATION  
FOR THE RECORDING OF  
BELTSVILLE AGRICULTURAL RESEARCH CENTER, BUILDING 321  
HABS NO. MD-

I. WRITTEN DOCUMENTATION

The Historic American Buildings Survey has developed the Outline Format for the report for buildings within a complex of buildings. In its three sections, the Outline Format prescribes the historical information and the physical aspects of the building, the complex of buildings, or the site to be addressed; the topics within the sections can be expanded or omitted as appropriate. The first section of the outline addresses the historical context and the physical history of the building, including the significant dates in its planning and construction as well as in later alterations and the identification of those involved in its design and construction. The second section provides the architectural information with categories intended to produce an analysis and description of the form of the building as it existed during the Site Visit. Included in this section is a component for some discussion of the landscape with attention to any designed elements and plan, as well as a reference to any outbuildings and accessory structures on the site. The third section of the outline is bibliographic in nature, including all sources of information, as well as other potential resources not investigated, as appropriate. Access to the requirements of the Outline Format is available with this link—[HABS History Guidelines \(nps.gov\)](#).

II. GRAPHIC DOCUMENTATION

All pages follow the written documentation and have one-inch margins and a header on each page with pagination following that of the written documentation. All information on these pages, including headers, must fit within the one-inch margins.

A. An 8"x 11" Site Plan, which clearly indicates the building in its setting, is required.

The source and date of the plan must be noted, and the plan **must be copyright-free**.

III. PHOTOGRAPHIC DOCUMENTATION

All photographic materials submitted as documentation must follow the requirements outlined in the HABS/HAER/HALS Photography Guidelines. Access to the guidelines is available with this link—[Photography Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](#).

Photographic documentation should include

A. Index and Key to Photographs

Every set of photographs submitted to HABS, HAER, or HALS is accompanied by a list of captions. The captions should include appropriate information about the direction of the views and any significant details and should be submitted as a physical copy and in an electronic format as outlined in the Transmittal Guidelines. Site Plans or maps with the locations of photographs denoted are encouraged, particularly on complex sites or sites with several buildings. Access to additional information about the Index and Key to Photographs is available in "Preparing HABS/HAER/HALS Documentation for Transmittal"—<https://www.nps.gov/hdp/standards/Transmittal.pdf>



## B. Current Views

Views should present Building 321 as completely as possible. Among the views to be included should be

- View of Building 321 within its context to illustrate the conditions of the site, including any adjacent building(s), features in the landscape, and roadways,
- Perspectival view of the principal or main façade and an adjacent façade,
- Perspectival view of the rear of Building 321 and an adjacent façade,
- View of the entry,
- View of the cornerstone, if present,
- View of any detail of construction indicative of the period of construction, and
- Views of the interior to illustrate spatial relationships and any equipment present.

## C. Historic Views

A thorough search should be undertaken, and photographic copies made of historic photographs, **if they are copyright-free**. The source and approximate date of the photograph should be stated in the caption in the Index to Photographs. If a collection of historic photographs is housed in an accessible archive, reproduction for HABS/HAER/HALS may not be necessary. If the historic images are necessary to illustrate the significance of the structure—for example, its original design and construction—or to illustrate changes over time, then they should be included, *if the Release and Assignment Form can be completed*. Noting their existence in a footnote or as an entry in the bibliography is also important, particularly if the images remain copyrighted. If historic views cannot be found, please list all repositories searched in the bibliography.

## IV. MEASURED DRAWINGS

According to the entry on the Survey Form completed in April 1997, no drawings of Building 321 exist. Graphic documentation should include a set of drawings, which should be measured and drawn to scale. The set of drawings should include a Site Plan, a Floor Plan, Elevations, and a Roof Plan. Access to the guidelines for the production of the drawings is available with this link—[HABS Drawing Guidelines \(nps.gov\)](https://www.nps.gov/habs/drawing-guidelines).

## V. ELECTRONIC COPY

All reports should be prepared with Microsoft Word and submitted in an electronic format and as a physical copy. The final version of the report must be submitted as a PDF File on a gold archival CD/DVD. The PDF File and the printed copy must match exactly. Because conversion of the Microsoft Word File to a PDF File could alter the layout, the copy should be printed from the PDF File. All documentation—the report, index to the photographs, and drawings—may be submitted on the same CD/DVD. Submit the CD/DVD only after confirmation of the acceptance of any revisions.

## VI. PACKAGING

Please contact our office to obtain the HABS Number before submission of the documentation and to request preprinted cards to mount the photographs, once the number of views has been determined. Refer to “Preparing HABS/HAER/HALS Documentation for Transmittal” ([Transmittal Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](#)) for guidance as you prepare the documentation.



SCHEDULE OF DOCUMENTATION  
FOR THE RECORDING OF  
BELTSVILLE AGRICULTURAL RESEARCH CENTER, BUILDING 322  
HABS NO. MD-

I. WRITTEN DOCUMENTATION

The Historic American Buildings Survey has developed the Outline Format for the report for buildings within a complex of buildings. In its three sections, the Outline Format prescribes the historical information and the physical aspects of the building, the complex of buildings, or the site to be addressed; the topics within the sections can be expanded or omitted as appropriate. The first section of the outline addresses the historical context and the physical history of the building, including the significant dates in its planning and construction as well as in later alterations and the identification of those involved in its design and construction. The second section provides the architectural information with categories intended to produce an analysis and description of the form of the building as it existed during the Site Visit. Included in this section is a component for some discussion of the landscape with attention to any designed elements and plan, as well as a reference to any outbuildings and accessory structures on the site. The third section of the outline is bibliographic in nature, including all sources of information, as well as other potential resources not investigated, as appropriate. Access to the requirements of the Outline Format is available with this link—[HABS History Guidelines \(nps.gov\)](#).

II. GRAPHIC DOCUMENTATION

All pages follow the written documentation and have one-inch margins and a header on each page with pagination following that of the written documentation. All information on these pages, including headers, must fit within the one-inch margins.

A. An 8"x 11" Site Plan, which clearly indicates the building in its setting, is required.

The source and date of the plan must be noted, and the plan **must be copyright-free**.

III. PHOTOGRAPHIC DOCUMENTATION

All photographic materials submitted as documentation must follow the requirements outlined in the HABS/HAER/HALS Photography Guidelines. Access to the guidelines is available with this link—[Photography Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](#).

Photographic documentation should include

A. Index and Key to Photographs

Every set of photographs submitted to HABS, HAER, or HALS is accompanied by a list of captions. The captions should include appropriate information about the direction of the views and any significant details and should be submitted as a physical copy and in an electronic format as outlined in the Transmittal Guidelines. Site Plans or maps with the locations of photographs denoted are encouraged, particularly on complex sites or sites with several buildings. Access to additional information about the Index and Key to Photographs is available in "Preparing HABS/HAER/HALS Documentation for Transmittal"—<https://www.nps.gov/hdp/standards/Transmittal.pdf>

## B. Current Views

Views should present Building 322 as completely as possible. Among the views to be included should be

- View of Building 322 within its context to illustrate the conditions of the site, including any adjacent building(s), features in the landscape, and roadways,
- Perspectival view of the principal or main façade and an adjacent façade,
- Perspectival view of the rear of Building 322 and an adjacent façade,
- View of the entry,
- View of the cornerstone, if present,
- View of any detail of construction indicative of the period of construction, and
- Views of the interior to illustrate spatial relationships and any equipment present.

## C. Historic Views

A thorough search should be undertaken, and photographic copies made of historic photographs, **if they are copyright-free**. The source and approximate date of the photograph should be stated in the caption in the Index to Photographs. If a collection of historic photographs is housed in an accessible archive, reproduction for HABS/HAER/HALS may not be necessary. If the historic images are necessary to illustrate the significance of the structure—for example, its original design and construction—or to illustrate changes over time, then they should be included, *if the Release and Assignment Form can be completed*. Noting their existence in a footnote or as an entry in the bibliography is also important, particularly if the images remain copyrighted. If historic views cannot be found, please list all repositories searched in the bibliography.

## IV. MEASURED DRAWINGS

According to the entry on the Survey Form completed in April 1997, drawings of Building 322 exist. If no significant alteration has occurred, copies of the original drawings could be submitted. If significant alteration has occurred, graphic documentation should include a set of drawings, which should be measured and drawn to scale. The set should include a Site Plan, a Floor Plan, Elevations, and a Roof Plan. Access to the guidelines for the production of the drawings is available with this link—[HABS Drawing Guidelines \(nps.gov\)](https://www.nps.gov/habs/drawing-guidelines).

## V. ELECTRONIC COPY

All reports should be prepared with Microsoft Word and submitted in an electronic format and as a physical copy. The final version of the report must be submitted as a PDF File on a gold archival CD/DVD. The PDF File and the printed copy must match exactly. Because conversion of the Microsoft Word File to a PDF File could alter the layout, the copy should be printed from the PDF File. All documentation—the report, index to the photographs, and drawings—may be submitted on the same CD/DVD. Submit the CD/DVD only after confirmation of the acceptance of any revisions.



## VI. PACKAGING

Please contact our office to obtain the HABS Number before submission of the documentation and to request preprinted cards to mount the photographs, once the number of views has been determined. Refer to “Preparing HABS/HAER/HALS Documentation for Transmittal” ([Transmittal Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](#)) for guidance as you prepare the documentation.

SCHEDULE OF DOCUMENTATION  
FOR THE RECORDING OF  
BELTSVILLE AGRICULTURAL RESEARCH CENTER, BUILDING 328  
HABS NO. MD-

I. WRITTEN DOCUMENTATION

The Historic American Buildings Survey has developed the Outline Format for the report for buildings within a complex of buildings. In its three sections, the Outline Format prescribes the historical information and the physical aspects of the building, the complex of buildings, or the site to be addressed; the topics within the sections can be expanded or omitted as appropriate. The first section of the outline addresses the historical context and the physical history of the building, including the significant dates in its planning and construction as well as in later alterations and the identification of those involved in its design and construction. Because of Building 328's role as the Food and Drug Laboratory, any significant discoveries should be noted in this section of the outline. The second section provides the architectural information with categories intended to produce an analysis and description of the form of the building as it existed during the Site Visit. Included in this section is a component for some discussion of the landscape with attention to any designed elements and plan, as well as a reference to any outbuildings and accessory structures on the site. The third section of the outline is bibliographic in nature, including all sources of information, as well as other potential resources not investigated, as appropriate. Access to the requirements of the Outline Format is available with this link—[HABS History Guidelines \(nps.gov\)](https://www.nps.gov/history/habs/guidelines).

II. GRAPHIC DOCUMENTATION

All pages follow the written documentation and have one-inch margins and a header on each page with pagination following that of the written documentation. All information on these pages, including headers, must fit within the one-inch margins.

- A. An 8"x 11" Site Plan, which clearly indicates the building in its setting, is required.  
The source and date of the plan must be noted, and the plan **must be copyright-free**.

III. PHOTOGRAPHIC DOCUMENTATION

All photographic materials submitted as documentation must follow the requirements outlined in the HABS/HAER/HALS Photography Guidelines. Access to the guidelines is available with this link—[Photography Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](https://www.nps.gov/history/habs/guidelines). Photographic documentation should include

A. Index and Key to Photographs

Every set of photographs submitted to HABS, HAER, or HALS is accompanied by a list of captions. The captions should include appropriate information about the direction of the views and any significant details and should be submitted as a physical copy and in an electronic format as outlined in the Transmittal Guidelines. Site Plans or maps with the locations of photographs denoted are encouraged, particularly on complex sites or sites with several buildings. Access to additional information about



the Index and Key to Photographs is available in "Preparing HABS/HAER/HALS Documentation for Transmittal"—<https://www.nps.gov/hdp/standards/Transmittal.pdf>

#### B. Current Views

Views should present Building 328 as completely as possible. Among the views to be included should be

- View of Building 328 within its context to illustrate the conditions of the site, including any adjacent building(s), features in the landscape, and roadways,
- Perspectival view of the principal or main façade and an adjacent façade,
- Perspectival view of the rear of Building 328 and an adjacent façade,
- View of the entry,
- View of the cornerstone,
- View of any detail of construction indicative of the period of construction, and
- Views of the interior to illustrate spatial relationships and any equipment present.

#### C. Historic Views

A thorough search should be undertaken, and photographic copies made of historic photographs, **if they are copyright-free**. The source and approximate date of the photograph should be stated in the caption in the Index to Photographs. If a collection of historic photographs is housed in an accessible archive, reproduction for HABS/HAER/HALS may not be necessary. If the historic images are necessary to illustrate the significance of the structure—for example, its original design and construction—or to illustrate changes over time, then they should be included, *if the Release and Assignment Form can be completed*. Noting their existence in a footnote or as an entry in the bibliography is also important, particularly if the images remain copyrighted. If historic views cannot be found, please list all repositories searched in the bibliography.

### IV. MEASURED DRAWINGS

According to the entry on the Survey Form completed in April 1997, drawings of Building 328 exist. If no significant alteration has occurred, copies of the original drawings could be submitted. If significant alteration has occurred, graphic documentation should include a set of drawings, which should be measured and drawn to scale. The set should include a Site Plan, a Floor Plan, Elevations, and a Roof Plan. Access to the guidelines for the production of the drawings is available with this link—[HABS Drawing Guidelines \(nps.gov\)](#).

### V. ELECTRONIC COPY

All reports should be prepared with Microsoft Word and submitted in an electronic format and as a physical copy. The final version of the report must be submitted as a PDF File on a gold archival CD/DVD. The PDF File and the printed copy must match exactly. Because conversion of the Microsoft Word File to a PDF File could alter the layout, the copy should be printed from the PDF File. All documentation—the report,

index to the photographs, and drawings—may be submitted on the same CD/DVD. Submit the CD/DVD only after confirmation of the acceptance of any revisions.

#### VI. PACKAGING

Please contact our office to obtain the HABS Number before submission of the documentation and to request preprinted cards to mount the photographs, once the number of views has been determined. Refer to “Preparing HABS/HAER/HALS Documentation for Transmittal” ([Transmittal Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](#)) for guidance as you prepare the documentation.



SCHEDULE OF DOCUMENTATION  
FOR THE RECORDING OF  
BELTSVILLE AGRICULTURAL RESEARCH CENTER, BUILDING 333  
HABS NO. MD-

I. WRITTEN DOCUMENTATION

The Historic American Buildings Survey has developed the Outline Format for the report for buildings within a complex of buildings. In its three sections, the Outline Format prescribes the historical information and the physical aspects of the building, the complex of buildings, or the site to be addressed; the topics within the sections can be expanded or omitted as appropriate. The first section of the outline addresses the historical context and the physical history of the building, including the significant dates in its planning and construction as well as in later alterations and the identification of those involved in its design and construction. The second section provides the architectural information with categories intended to produce an analysis and description of the form of the building as it existed during the Site Visit. Included in this section is a component for some discussion of the landscape with attention to any designed elements and plan, as well as a reference to any outbuildings and accessory structures on the site. The third section of the outline is bibliographic in nature, including all sources of information, as well as other potential resources not investigated, as appropriate. Access to the requirements of the Outline Format is available with this link—[HABS History Guidelines \(nps.gov\)](#).

II. GRAPHIC DOCUMENTATION

All pages follow the written documentation and have one-inch margins and a header on each page with pagination following that of the written documentation. All information on these pages, including headers, must fit within the one-inch margins.

A. An 8"x 11" Site Plan, which clearly indicates the building in its setting, is required.

The source and date of the plan must be noted, and the plan **must be copyright-free**.

III. PHOTOGRAPHIC DOCUMENTATION

All photographic materials submitted as documentation must follow the requirements outlined in the HABS/HAER/HALS Photography Guidelines. Access to the guidelines is available with this link—[Photography Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](#).

Photographic documentation should include

A. Index and Key to Photographs

Every set of photographs submitted to HABS, HAER, or HALS is accompanied by a list of captions. The captions should include appropriate information about the direction of the views and any significant details and should be submitted as a physical copy and in an electronic format as outlined in the Transmittal Guidelines. Site Plans or maps with the locations of photographs denoted are encouraged, particularly on complex sites or sites with several buildings. Access to additional information about the Index and Key to Photographs is available in "Preparing HABS/HAER/HALS Documentation for Transmittal"—<https://www.nps.gov/hdp/standards/Transmittal.pdf>

## B. Current Views

Views should present Building 333 as completely as possible. Among the views to be included should be

- View of Building 333 within its context to illustrate the conditions of the site, including any adjacent building(s), features in the landscape, and roadways,
- Perspectival view of the principal or main façade and an adjacent façade,
- Perspectival view of the rear of Building 333 and an adjacent façade,
- View of the entry,
- View of the cornerstone,
- View of any detail of construction indicative of the period of construction, and
- Views of the interior to illustrate spatial relationships and any equipment present.

## C. Historic Views

A thorough search should be undertaken, and photographic copies made of historic photographs, **if they are copyright-free**. The source and approximate date of the photograph should be stated in the caption in the Index to Photographs. If a collection of historic photographs is housed in an accessible archive, reproduction for HABS/HAER/HALS may not be necessary. If the historic images are necessary to illustrate the significance of the structure—for example, its original design and construction—or to illustrate changes over time, then they should be included, *if the Release and Assignment Form can be completed*. Noting their existence in a footnote or as an entry in the bibliography is also important, particularly if the images remain copyrighted. If historic views cannot be found, please list all repositories searched in the bibliography.

## IV. MEASURED DRAWINGS

According to the entry on the Survey Form completed in April 1997, drawings of Building 333 exist. If no significant alteration has occurred, copies of the original drawings could be submitted. If significant alteration has occurred, graphic documentation should include a set of drawings, which should be measured and drawn to scale. The set should include a Site Plan, a Floor Plan, Elevations, and a Roof Plan. Access to the guidelines for the production of the drawings is available with this link—[HABS Drawing Guidelines \(nps.gov\)](#).

## V. ELECTRONIC COPY

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## VI. PACKAGING

Please contact our office to obtain the HABS Number before submission of the documentation and to request preprinted cards to mount the photographs, once the number of views has been determined. Refer to “Preparing HABS/HAER/HALS Documentation for Transmittal” ([Transmittal Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](#)) for guidance as you prepare the documentation.

SCHEDULE OF DOCUMENTATION  
FOR THE RECORDING OF  
BELTSVILLE AGRICULTURAL RESEARCH CENTER, BUILDING 334  
HABS NO. MD-

I. WRITTEN DOCUMENTATION

The Historic American Buildings Survey has developed the Outline Format for the report for buildings within a complex of buildings. In its three sections, the Outline Format prescribes the historical information and the physical aspects of the building, the complex of buildings, or the site to be addressed; the topics within the sections can be expanded or omitted as appropriate. The first section of the outline addresses the historical context and the physical history of the building, including the significant dates in its planning and construction as well as in later alterations and the identification of those involved in its design and construction. Because of Building 334's role as the Parasite Investigation Laboratory, any significant discoveries should be noted in this section of the outline. The second section provides the architectural information with categories intended to produce an analysis and description of the form of the building as it existed during the Site Visit. Included in this section is a component for some discussion of the landscape with attention to any designed elements and plan, as well as a reference to any outbuildings and accessory structures on the site. The third section of the outline is bibliographic in nature, including all sources of information, as well as other potential resources not investigated, as appropriate. Access to the requirements of the Outline Format is available with this link—[HABS History Guidelines \(nps.gov\)](https://www.nps.gov/history/habs/guidelines/).

II. GRAPHIC DOCUMENTATION

All pages follow the written documentation and have one-inch margins and a header on each page with pagination following that of the written documentation. All information on these pages, including headers, must fit within the one-inch margins.

- A. An 8"x 11" Site Plan, which clearly indicates the building in its setting, is required.  
The source and date of the plan must be noted, and the plan **must be copyright-free**.

III. PHOTOGRAPHIC DOCUMENTATION

All photographic materials submitted as documentation must follow the requirements outlined in the HABS/HAER/HALS Photography Guidelines. Access to the guidelines is available with this link—[Photography Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](https://www.nps.gov/history/habs/haer/hals/photography-guidelines/).  
Photographic documentation should include

A. Index and Key to Photographs

Every set of photographs submitted to HABS, HAER, or HALS is accompanied by a list of captions. The captions should include appropriate information about the direction of the views and any significant details and should be submitted as a physical copy and in an electronic format as outlined in the Transmittal Guidelines. Site Plans or maps with the locations of photographs denoted are encouraged, particularly on complex sites or sites with several buildings. Access to additional information about



the Index and Key to Photographs is available in "Preparing HABS/HAER/HALS Documentation for Transmittal"—<https://www.nps.gov/hdp/standards/Transmittal.pdf>

#### B. Current Views

Views should present Building 334 as completely as possible. Among the views to be included should be

- View of Building 334 within its context to illustrate the conditions of the site, including any adjacent building(s), features in the landscape, and roadways,
- Perspectival view of the principal or main façade and an adjacent façade,
- Perspectival view of the rear of Building 334 and an adjacent façade,
- View of the entry,
- View of the cornerstone,
- View of any detail of construction indicative of the period of construction, and
- Views of the interior to illustrate spatial relationships and any equipment present.

#### C. Historic Views

A thorough search should be undertaken, and photographic copies made of historic photographs, **if they are copyright-free**. The source and approximate date of the photograph should be stated in the caption in the Index to Photographs. If a collection of historic photographs is housed in an accessible archive, reproduction for HABS/HAER/HALS may not be necessary. If the historic images are necessary to illustrate the significance of the structure—for example, its original design and construction—or to illustrate changes over time, then they should be included, *if the Release and Assignment Form can be completed*. Noting their existence in a footnote or as an entry in the bibliography is also important, particularly if the images remain copyrighted. If historic views cannot be found, please list all repositories searched in the bibliography.

### IV. MEASURED DRAWINGS

According to the entry on the Survey Form completed in April 1997, drawings of Building 334 exist. If no significant alteration has occurred, copies of the original drawings could be submitted. If significant alteration has occurred, graphic documentation should include a set of drawings, which should be measured and drawn to scale. The set should include a Site Plan, a Floor Plan, Elevations, and a Roof Plan. Access to the guidelines for the production of the drawings is available with this link—[HABS Drawing Guidelines \(nps.gov\)](#).

### V. ELECTRONIC COPY

All reports should be prepared with Microsoft Word and submitted in an electronic format and as a physical copy. The final version of the report must be submitted as a PDF File on a gold archival CD/DVD. The PDF File and the printed copy must match exactly. Because conversion of the Microsoft Word File to a PDF File could alter the layout, the copy should be printed from the PDF File. All documentation—the report,

index to the photographs, and drawings—may be submitted on the same CD/DVD. Submit the CD/DVD only after confirmation of the acceptance of any revisions.

#### VI. PACKAGING

Please contact our office to obtain the HABS Number before submission of the documentation and to request preprinted cards to mount the photographs, once the number of views has been determined. Refer to “Preparing HABS/HAER/HALS Documentation for Transmittal” ([Transmittal Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](#)) for guidance as you prepare the documentation.



SCHEDULE OF DOCUMENTATION  
FOR THE RECORDING OF  
BELTSVILLE AGRICULTURAL RESEARCH CENTER, BUILDING 335  
HABS NO. MD-

I. WRITTEN DOCUMENTATION

The Historic American Buildings Survey has developed the Outline Format for the report for buildings within a complex of buildings. In its three sections, the Outline Format prescribes the historical information and the physical aspects of the building, the complex of buildings, or the site to be addressed; the topics within the sections can be expanded or omitted as appropriate. The first section of the outline addresses the historical context and the physical history of the building, including the significant dates in its planning and construction as well as in later alterations and the identification of those involved in its design and construction. The second section provides the architectural information with categories intended to produce an analysis and description of the form of the building as it existed during the Site Visit. Included in this section is a component for some discussion of the landscape with attention to any designed elements and plan, as well as a reference to any outbuildings and accessory structures on the site. The third section of the outline is bibliographic in nature, including all sources of information, as well as other potential resources not investigated, as appropriate. Access to the requirements of the Outline Format is available with this link—[HABS History Guidelines \(nps.gov\)](#).

II. GRAPHIC DOCUMENTATION

All pages follow the written documentation and have one-inch margins and a header on each page with pagination following that of the written documentation. All information on these pages, including headers, must fit within the one-inch margins.

A. An 8"x 11" Site Plan, which clearly indicates the building in its setting, is required.

The source and date of the plan must be noted, and the plan **must be copyright-free**.

III. PHOTOGRAPHIC DOCUMENTATION

All photographic materials submitted as documentation must follow the requirements outlined in the HABS/HAER/HALS Photography Guidelines. Access to the guidelines is available with this link—[Photography Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](#).

Photographic documentation should include

A. Index and Key to Photographs

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## B. Current Views

Views should present Building 335 as completely as possible. Among the views to be included should be

- View of Building 335 within its context to illustrate the conditions of the site, including any adjacent building(s), features in the landscape, and roadways,
- Perspectival view of the principal or main façade and an adjacent façade,
- Perspectival view of the rear of Building 335 and an adjacent façade,
- View of the entry,
- View of the cornerstone, if present,
- View of any detail of construction indicative of the period of construction, and
- Views of the interior to illustrate spatial relationships and any equipment present.

## C. Historic Views

A thorough search should be undertaken, and photographic copies made of historic photographs, **if they are copyright-free**. The source and approximate date of the photograph should be stated in the caption in the Index to Photographs. If a collection of historic photographs is housed in an accessible archive, reproduction for HABS/HAER/HALS may not be necessary. If the historic images are necessary to illustrate the significance of the structure—for example, its original design and construction—or to illustrate changes over time, then they should be included, *if the Release and Assignment Form can be completed*. Noting their existence in a footnote or as an entry in the bibliography is also important, particularly if the images remain copyrighted. If historic views cannot be found, please list all repositories searched in the bibliography.

## IV. MEASURED DRAWINGS

According to the entry on the Survey Form completed in April 1997, drawings of Building 335 exist. If no significant alteration has occurred, copies of the original drawings could be submitted. If significant alteration has occurred, graphic documentation should include a set of drawings, which should be measured and drawn to scale. The set should include a Site Plan, a Floor Plan, Elevations, and a Roof Plan. Access to the guidelines for the production of the drawings is available with this link—[HABS Drawing Guidelines \(nps.gov\)](https://www.nps.gov/habs-drawing-guidelines).

## V. ELECTRONIC COPY

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## VI. PACKAGING

Please contact our office to obtain the HABS Number before submission of the documentation and to request preprinted cards to mount the photographs, once the number of views has been determined. Refer to “Preparing HABS/HAER/HALS Documentation for Transmittal” ([Transmittal Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](#)) for guidance as you prepare the documentation.

SCHEDULE OF DOCUMENTATION  
FOR THE RECORDING OF  
BELTSVILLE AGRICULTURAL RESEARCH CENTER, BUILDING 335A  
HABS NO. MD-

I. WRITTEN DOCUMENTATION

The Historic American Buildings Survey has developed the Outline Format for the report for buildings within a complex of buildings. In its three sections, the Outline Format prescribes the historical information and the physical aspects of the building, the complex of buildings, or the site to be addressed; the topics within the sections can be expanded or omitted as appropriate. The first section of the outline addresses the historical context and the physical history of the building, including the significant dates in its planning and construction as well as in later alterations and the identification of those involved in its design and construction. The second section provides the architectural information with categories intended to produce an analysis and description of the form of the building as it existed during the Site Visit. Included in this section is a component for some discussion of the landscape with attention to any designed elements and plan, as well as a reference to any outbuildings and accessory structures on the site. The third section of the outline is bibliographic in nature, including all sources of information, as well as other potential resources not investigated, as appropriate. Access to the requirements of the Outline Format is available with this link—[HABS History Guidelines \(nps.gov\)](#).

II. GRAPHIC DOCUMENTATION

All pages follow the written documentation and have one-inch margins and a header on each page with pagination following that of the written documentation. All information on these pages, including headers, must fit within the one-inch margins.

A. An 8"x 11" Site Plan, which clearly indicates the building in its setting, is required.

The source and date of the plan must be noted, and the plan **must be copyright-free**.

III. PHOTOGRAPHIC DOCUMENTATION

All photographic materials submitted as documentation must follow the requirements outlined in the HABS/HAER/HALS Photography Guidelines. Access to the guidelines is available with this link—[Photography Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](#).

Photographic documentation should include

A. Index and Key to Photographs

Every set of photographs submitted to HABS, HAER, or HALS is accompanied by a list of captions. The captions should include appropriate information about the direction of the views and any significant details and should be submitted as a physical copy and in an electronic format as outlined in the Transmittal Guidelines. Site Plans or maps with the locations of photographs denoted are encouraged, particularly on complex sites or sites with several buildings. Access to additional information about the Index and Key to Photographs is available in "Preparing HABS/HAER/HALS Documentation for Transmittal"—<https://www.nps.gov/hdp/standards/Transmittal.pdf>



## B. Current Views

Views should present Building 335A as completely as possible. Among the views to be included should be

- View of Building 335A within its context to illustrate the conditions of the site, including any adjacent building(s), features in the landscape, and roadways,
- Perspectival view of the principal or main façade and an adjacent façade,
- Perspectival view of the rear of Building 335A and an adjacent façade,
- View of the entry,
- View of the cornerstone, if present,
- View of any detail of construction indicative of the period of construction, and
- Views of the interior to illustrate spatial relationships and any equipment present.

## C. Historic Views

A thorough search should be undertaken, and photographic copies made of historic photographs, **if they are copyright-free**. The source and approximate date of the photograph should be stated in the caption in the Index to Photographs. If a collection of historic photographs is housed in an accessible archive, reproduction for HABS/HAER/HALS may not be necessary. If the historic images are necessary to illustrate the significance of the structure—for example, its original design and construction—or to illustrate changes over time, then they should be included, *if the Release and Assignment Form can be completed*. Noting their existence in a footnote or as an entry in the bibliography is also important, particularly if the images remain copyrighted. If historic views cannot be found, please list all repositories searched in the bibliography.

## IV. MEASURED DRAWINGS

According to the entry on the Survey Form completed in April 1997, drawings of Building 335A exist. If no significant alteration has occurred, copies of the original drawings could be submitted. If significant alteration has occurred, graphic documentation should include a set of drawings, which should be measured and drawn to scale. The set should include a Site Plan, a Floor Plan, Elevations, and a Roof Plan. Access to the guidelines for the production of the drawings is available with this link—[HABS Drawing Guidelines \(nps.gov\)](https://www.nps.gov/habs/drawing-guidelines).

## V. ELECTRONIC COPY

All reports should be prepared with Microsoft Word and submitted in an electronic format and as a physical copy. The final version of the report must be submitted as a PDF File on a gold archival CD/DVD. The PDF File and the printed copy must match exactly. Because conversion of the Microsoft Word File to a PDF File could alter the layout, the copy should be printed from the PDF File. All documentation—the report, index to the photographs, and drawings—may be submitted on the same CD/DVD. Submit the CD/DVD only after confirmation of the acceptance of any revisions.

## VI. PACKAGING

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SCHEDULE OF DOCUMENTATION  
FOR THE RECORDING OF  
BELTSVILLE AGRICULTURAL RESEARCH CENTER, BUILDING 338  
HABS NO. MD-

I. WRITTEN DOCUMENTATION

The Historic American Buildings Survey has developed the Outline Format for the report for buildings within a complex of buildings. In its three sections, the Outline Format prescribes the historical information and the physical aspects of the building, the complex of buildings, or the site to be addressed; the topics within the sections can be expanded or omitted as appropriate. The first section of the outline addresses the historical context and the physical history of the building, including the significant dates in its planning and construction as well as in later alterations and the identification of those involved in its design and construction. Because of Building 338's role as the Coccidiosis Laboratory, any significant discoveries should be noted in this section of the outline. The second section provides the architectural information with categories intended to produce an analysis and description of the form of the building as it existed during the Site Visit. Included in this section is a component for some discussion of the landscape with attention to any designed elements and plan, as well as a reference to any outbuildings and accessory structures on the site. The third section of the outline is bibliographic in nature, including all sources of information, as well as other potential resources not investigated, as appropriate. Access to the requirements of the Outline Format is available with this link—[HABS History Guidelines \(nps.gov\)](https://www.nps.gov/history/habs/guidelines/).

II. GRAPHIC DOCUMENTATION

All pages follow the written documentation and have one-inch margins and a header on each page with pagination following that of the written documentation. All information on these pages, including headers, must fit within the one-inch margins.

A. An 8"x 11" Site Plan, which clearly indicates the building in its setting, is required.

The source and date of the plan must be noted, and the plan **must be copyright-free**.

III. PHOTOGRAPHIC DOCUMENTATION

All photographic materials submitted as documentation must follow the requirements outlined in the HABS/HAER/HALS Photography Guidelines. Access to the guidelines is available with this link—[Photography Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](https://www.nps.gov/history/habs/haer/hals/photography-guidelines/). Photographic documentation should include

A. Index and Key to Photographs

Every set of photographs submitted to HABS, HAER, or HALS is accompanied by a list of captions. The captions should include appropriate information about the direction of the views and any significant details and should be submitted as a physical copy and in an electronic format as outlined in the Transmittal Guidelines. Site Plans or maps with the locations of photographs denoted are encouraged, particularly on complex sites or sites with several buildings. Access to additional information about

the Index and Key to Photographs is available in "Preparing HABS/HAER/HALS Documentation for Transmittal"—<https://www.nps.gov/hdp/standards/Transmittal.pdf>

#### B. Current Views

Views should present Building 338 as completely as possible. Among the views to be included should be

- View of Building 338 within its context to illustrate the conditions of the site, including any adjacent building(s), features in the landscape, and roadways,
- Perspectival view of the principal or main façade and an adjacent façade,
- Perspectival view of the rear of Building 338 and an adjacent façade,
- View of the entry,
- View of the cornerstone,
- View of any detail of construction indicative of the period of construction, and
- Views of the interior to illustrate spatial relationships and any equipment present.

#### C. Historic Views

A thorough search should be undertaken, and photographic copies made of historic photographs, **if they are copyright-free**. The source and approximate date of the photograph should be stated in the caption in the Index to Photographs. If a collection of historic photographs is housed in an accessible archive, reproduction for HABS/HAER/HALS may not be necessary. If the historic images are necessary to illustrate the significance of the structure—for example, its original design and construction—or to illustrate changes over time, then they should be included, *if the Release and Assignment Form can be completed*. Noting their existence in a footnote or as an entry in the bibliography is also important, particularly if the images remain copyrighted. If historic views cannot be found, please list all repositories searched in the bibliography.

### IV. MEASURED DRAWINGS

According to the entry on the Survey Form completed in April 1997, drawings of Building 338 exist. If no significant alteration has occurred, copies of the original drawings could be submitted. If significant alteration has occurred, graphic documentation should include a set of drawings, which should be measured and drawn to scale. The set should include a Site Plan, a Floor Plan, Elevations, and a Roof Plan. Access to the guidelines for the production of the drawings is available with this link—[HABS Drawing Guidelines \(nps.gov\)](#).

### V. ELECTRONIC COPY

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index to the photographs, and drawings—may be submitted on the same CD/DVD. Submit the CD/DVD only after confirmation of the acceptance of any revisions.

#### VI. PACKAGING

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SCHEDULE OF DOCUMENTATION  
FOR THE RECORDING OF  
BELTSVILLE AGRICULTURAL RESEARCH CENTER, BUILDING 340  
HABS NO. MD-

I. WRITTEN DOCUMENTATION

The Historic American Buildings Survey has developed the Outline Format for the report for buildings within a complex of buildings. In its three sections, the Outline Format prescribes the historical information and the physical aspects of the building, the complex of buildings, or the site to be addressed; the topics within the sections can be expanded or omitted as appropriate. The first section of the outline addresses the historical context and the physical history of the building, including the significant dates in its planning and construction as well as in later alterations and the identification of those involved in its design and construction. The second section provides the architectural information with categories intended to produce an analysis and description of the form of the building as it existed during the Site Visit. Included in this section is a component for some discussion of the landscape with attention to any designed elements and plan, as well as a reference to any outbuildings and accessory structures on the site. The third section of the outline is bibliographic in nature, including all sources of information, as well as other potential resources not investigated, as appropriate. Access to the requirements of the Outline Format is available with this link—[HABS History Guidelines \(nps.gov\)](#).

II. GRAPHIC DOCUMENTATION

All pages follow the written documentation and have one-inch margins and a header on each page with pagination following that of the written documentation. All information on these pages, including headers, must fit within the one-inch margins.

A. An 8"x 11" Site Plan, which clearly indicates the building in its setting, is required.

The source and date of the plan must be noted, and the plan **must be copyright-free**.

III. PHOTOGRAPHIC DOCUMENTATION

All photographic materials submitted as documentation must follow the requirements outlined in the HABS/HAER/HALS Photography Guidelines. Access to the guidelines is available with this link—[Photography Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](#).

Photographic documentation should include

A. Index and Key to Photographs

Every set of photographs submitted to HABS, HAER, or HALS is accompanied by a list of captions. The captions should include appropriate information about the direction of the views and any significant details and should be submitted as a physical copy and in an electronic format as outlined in the Transmittal Guidelines. Site Plans or maps with the locations of photographs denoted are encouraged, particularly on complex sites or sites with several buildings. Access to additional information about the Index and Key to Photographs is available in "Preparing HABS/HAER/HALS Documentation for Transmittal"—<https://www.nps.gov/hdp/standards/Transmittal.pdf>



## B. Current Views

Views should present Building 340 as completely as possible. Among the views to be included should be

- View of Building 340 within its context to illustrate the conditions of the site, including any adjacent building(s), features in the landscape, and roadways,
- Perspectival view of the principal or main façade and an adjacent façade,
- Perspectival view of the rear of Building 340 and an adjacent façade,
- View of the entry,
- View of the cornerstone, if present,
- View of any detail of construction indicative of the period of construction, and
- Views of the interior to illustrate spatial relationships and any equipment present.

## C. Historic Views

A thorough search should be undertaken, and photographic copies made of historic photographs, **if they are copyright-free**. The source and approximate date of the photograph should be stated in the caption in the Index to Photographs. If a collection of historic photographs is housed in an accessible archive, reproduction for HABS/HAER/HALS may not be necessary. If the historic images are necessary to illustrate the significance of the structure—for example, its original design and construction—or to illustrate changes over time, then they should be included, *if the Release and Assignment Form can be completed*. Noting their existence in a footnote or as an entry in the bibliography is also important, particularly if the images remain copyrighted. If historic views cannot be found, please list all repositories searched in the bibliography.

## IV. MEASURED DRAWINGS

According to the entry on the Survey Form completed in April 1997, drawings of Building 340 exist. If no significant alteration has occurred, copies of the original drawings could be submitted. If significant alteration has occurred, graphic documentation should include a set of drawings, which should be measured and drawn to scale. The set should include a Site Plan, a Floor Plan, Elevations, and a Roof Plan. Access to the guidelines for the production of the drawings is available with this link—[HABS Drawing Guidelines \(nps.gov\)](https://www.nps.gov/habs/drawing-guidelines).

## V. ELECTRONIC COPY

All reports should be prepared with Microsoft Word and submitted in an electronic format and as a physical copy. The final version of the report must be submitted as a PDF File on a gold archival CD/DVD. The PDF File and the printed copy must match exactly. Because conversion of the Microsoft Word File to a PDF File could alter the layout, the copy should be printed from the PDF File. All documentation—the report, index to the photographs, and drawings—may be submitted on the same CD/DVD. Submit the CD/DVD only after confirmation of the acceptance of any revisions.

VI. PACKAGING

Please contact our office to obtain the HABS Number before submission of the documentation and to request preprinted cards to mount the photographs, once the number of views has been determined. Refer to “Preparing HABS/HAER/HALS Documentation for Transmittal” ([Transmittal Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](#)) for guidance as you prepare the documentation.



SCHEDULE OF DOCUMENTATION  
FOR THE RECORDING OF  
BELTSVILLE AGRICULTURAL RESEARCH CENTER, BUILDING 344  
HABS NO. MD-

I. WRITTEN DOCUMENTATION

The Historic American Buildings Survey has developed the Outline Format for the report for buildings within a complex of buildings. In its three sections, the Outline Format prescribes the historical information and the physical aspects of the building, the complex of buildings, or the site to be addressed; the topics within the sections can be expanded or omitted as appropriate. The first section of the outline addresses the historical context and the physical history of the building, including the significant dates in its planning and construction as well as in later alterations and the identification of those involved in its design and construction. The second section provides the architectural information with categories intended to produce an analysis and description of the form of the building as it existed during the Site Visit. Included in this section is a component for some discussion of the landscape with attention to any designed elements and plan, as well as a reference to any outbuildings and accessory structures on the site. The third section of the outline is bibliographic in nature, including all sources of information, as well as other potential resources not investigated, as appropriate. Access to the requirements of the Outline Format is available with this link—[HABS History Guidelines \(nps.gov\)](#).

II. GRAPHIC DOCUMENTATION

All pages follow the written documentation and have one-inch margins and a header on each page with pagination following that of the written documentation. All information on these pages, including headers, must fit within the one-inch margins.

A. An 8"x 11" Site Plan, which clearly indicates the building in its setting, is required.

The source and date of the plan must be noted, and the plan **must be copyright-free**.

III. PHOTOGRAPHIC DOCUMENTATION

All photographic materials submitted as documentation must follow the requirements outlined in the HABS/HAER/HALS Photography Guidelines. Access to the guidelines is available with this link—[Photography Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](#).

Photographic documentation should include

A. Index and Key to Photographs

Every set of photographs submitted to HABS, HAER, or HALS is accompanied by a list of captions. The captions should include appropriate information about the direction of the views and any significant details and should be submitted as a physical copy and in an electronic format as outlined in the Transmittal Guidelines. Site Plans or maps with the locations of photographs denoted are encouraged, particularly on complex sites or sites with several buildings. Access to additional information about the Index and Key to Photographs is available in "Preparing HABS/HAER/HALS Documentation for Transmittal"—<https://www.nps.gov/hdp/standards/Transmittal.pdf>

## B. Current Views

Views should present Building 344 as completely as possible. Among the views to be included should be

- View of Building 344 within its context to illustrate the conditions of the site, including any adjacent building(s), features in the landscape, and roadways,
- Perspectival view of the principal or main façade and an adjacent façade,
- Perspectival view of the rear of Building 344 and an adjacent façade,
- View of the entry,
- View of the cornerstone, if present,
- View of any detail of construction indicative of the period of construction, and
- Views of the interior to illustrate spatial relationships and any equipment present.

## C. Historic Views

A thorough search should be undertaken, and photographic copies made of historic photographs, **if they are copyright-free**. The source and approximate date of the photograph should be stated in the caption in the Index to Photographs. If a collection of historic photographs is housed in an accessible archive, reproduction for HABS/HAER/HALS may not be necessary. If the historic images are necessary to illustrate the significance of the structure—for example, its original design and construction—or to illustrate changes over time, then they should be included, *if the Release and Assignment Form can be completed*. Noting their existence in a footnote or as an entry in the bibliography is also important, particularly if the images remain copyrighted. If historic views cannot be found, please list all repositories searched in the bibliography.

## IV. MEASURED DRAWINGS

According to the entry on the Survey Form completed in April 1997, drawings of Building 344 exist. If no significant alteration has occurred, copies of the original drawings could be submitted. If significant alteration has occurred, graphic documentation should include a set of drawings, which should be measured and drawn to scale. The set should include a Site Plan, a Floor Plan, Elevations, and a Roof Plan. Access to the guidelines for the production of the drawings is available with this link—[HABS Drawing Guidelines \(nps.gov\)](#).

## V. ELECTRONIC COPY

All reports should be prepared with Microsoft Word and submitted in an electronic format and as a physical copy. The final version of the report must be submitted as a PDF File on a gold archival CD/DVD. The PDF File and the printed copy must match exactly. Because conversion of the Microsoft Word File to a PDF File could alter the layout, the copy should be printed from the PDF File. All documentation—the report, index to the photographs, and drawings—may be submitted on the same CD/DVD. Submit the CD/DVD only after confirmation of the acceptance of any revisions.



## VI. PACKAGING

Please contact our office to obtain the HABS Number before submission of the documentation and to request preprinted cards to mount the photographs, once the number of views has been determined. Refer to “Preparing HABS/HAER/HALS Documentation for Transmittal” ([Transmittal Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](#)) for guidance as you prepare the documentation.

SCHEDULE OF DOCUMENTATION  
FOR THE RECORDING OF  
BELTSVILLE AGRICULTURAL RESEARCH CENTER, BUILDING 357  
HABS NO. MD-

I. WRITTEN DOCUMENTATION

The Historic American Buildings Survey has developed the Outline Format for the report for buildings within a complex of buildings. In its three sections, the Outline Format prescribes the historical information and the physical aspects of the building, the complex of buildings, or the site to be addressed; the topics within the sections can be expanded or omitted as appropriate. The first section of the outline addresses the historical context and the physical history of the building, including the significant dates in its planning and construction as well as in later alterations and the identification of those involved in its design and construction. Because of Building 357's role as the Food and Drug Barn, any significant discoveries should be noted in this section of the outline. The second section provides the architectural information with categories intended to produce an analysis and description of the form of the building as it existed during the Site Visit. Included in this section is a component for some discussion of the landscape with attention to any designed elements and plan, as well as a reference to any outbuildings and accessory structures on the site. The third section of the outline is bibliographic in nature, including all sources of information, as well as other potential resources not investigated, as appropriate. Access to the requirements of the Outline Format is available with this link—[HABS History Guidelines \(nps.gov\)](#).

II. GRAPHIC DOCUMENTATION

All pages follow the written documentation and have one-inch margins and a header on each page with pagination following that of the written documentation. All information on these pages, including headers, must fit within the one-inch margins.

- A. An 8"x 11" Site Plan, which clearly indicates the building in its setting, is required.  
The source and date of the plan must be noted, and the plan **must be copyright-free**.

III. PHOTOGRAPHIC DOCUMENTATION

All photographic materials submitted as documentation must follow the requirements outlined in the HABS/HAER/HALS Photography Guidelines. Access to the guidelines is available with this link—[Photography Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](#).  
Photographic documentation should include

A. Index and Key to Photographs

Every set of photographs submitted to HABS, HAER, or HALS is accompanied by a list of captions. The captions should include appropriate information about the direction of the views and any significant details and should be submitted as a physical copy and in an electronic format as outlined in the Transmittal Guidelines. Site Plans or maps with the locations of photographs denoted are encouraged, particularly on complex sites or sites with several buildings. Access to additional information about



the Index and Key to Photographs is available in "Preparing HABS/HAER/HALS Documentation for Transmittal"—<https://www.nps.gov/hdp/standards/Transmittal.pdf>

#### B. Current Views

Views should present Building 357 as completely as possible. Among the views to be included should be

- View of Building 357 within its context to illustrate the conditions of the site, including any adjacent building(s), features in the landscape, and roadways,
- Perspectival view of the principal or main façade and an adjacent façade,
- Perspectival view of the rear of Building 357 and an adjacent façade,
- View of the entry,
- View of the cornerstone, if present,
- View of any detail of construction indicative of the period of construction, and
- Views of the interior to illustrate spatial relationships and any equipment present.

#### C. Historic Views

A thorough search should be undertaken, and photographic copies made of historic photographs, **if they are copyright-free**. The source and approximate date of the photograph should be stated in the caption in the Index to Photographs. If a collection of historic photographs is housed in an accessible archive, reproduction for HABS/HAER/HALS may not be necessary. If the historic images are necessary to illustrate the significance of the structure—for example, its original design and construction—or to illustrate changes over time, then they should be included, *if the Release and Assignment Form can be completed*. Noting their existence in a footnote or as an entry in the bibliography is also important, particularly if the images remain copyrighted. If historic views cannot be found, please list all repositories searched in the bibliography.

### IV. MEASURED DRAWINGS

According to the entry on the Survey Form completed in April 1997, drawings of Building 357 exist. If no significant alteration has occurred, copies of the original drawings could be submitted. If significant alteration has occurred, graphic documentation should include a set of drawings, which should be measured and drawn to scale. The set should include a Site Plan, a Floor Plan, Elevations, and a Roof Plan. Access to the guidelines for the production of the drawings is available with this link—[HABS Drawing Guidelines \(nps.gov\)](#).

### V. ELECTRONIC COPY

All reports should be prepared with Microsoft Word and submitted in an electronic format and as a physical copy. The final version of the report must be submitted as a PDF File on a gold archival CD/DVD. The PDF File and the printed copy must match exactly. Because conversion of the Microsoft Word File to a PDF File could alter the layout, the copy should be printed from the PDF File. All documentation—the report,

index to the photographs, and drawings—may be submitted on the same CD/DVD. Submit the CD/DVD only after confirmation of the acceptance of any revisions.

#### VI. PACKAGING

Please contact our office to obtain the HABS Number before submission of the documentation and to request preprinted cards to mount the photographs, once the number of views has been determined. Refer to “Preparing HABS/HAER/HALS Documentation for Transmittal” ([Transmittal Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](#)) for guidance as you prepare the documentation.



SCHEDULE OF DOCUMENTATION  
FOR THE RECORDING OF  
BELTSVILLE AGRICULTURAL RESEARCH CENTER, BUILDING 369  
HABS NO. MD-

I. WRITTEN DOCUMENTATION

The Historic American Buildings Survey has developed the Outline Format for the report for buildings within a complex of buildings. In its three sections, the Outline Format prescribes the historical information and the physical aspects of the building, the complex of buildings, or the site to be addressed; the topics within the sections can be expanded or omitted as appropriate. The first section of the outline addresses the historical context and the physical history of the building, including the significant dates in its planning and construction as well as in later alterations and the identification of those involved in its design and construction. According to an entry on the Survey Form completed in April 1997, Building 369 could have served as a laboratory, and any significant discoveries during that role should be noted in this section of the outline. The second section provides the architectural information with categories intended to produce an analysis and description of the form of the building as it existed during the Site Visit. Included in this section is a component for some discussion of the landscape with attention to any designed elements and plan, as well as a reference to any outbuildings and accessory structures on the site. The third section of the outline is bibliographic in nature, including all sources of information, as well as other potential resources not investigated, as appropriate. Access to the requirements of the Outline Format is available with this link—[HABS History Guidelines \(nps.gov\)](https://www.nps.gov/history/habs/guidelines).

II. GRAPHIC DOCUMENTATION

All pages follow the written documentation and have one-inch margins and a header on each page with pagination following that of the written documentation. All information on these pages, including headers, must fit within the one-inch margins.

A. An 8"x 11" Site Plan, which clearly indicates the building in its setting, is required.

The source and date of the plan must be noted, and the plan **must be copyright-free**.

III. PHOTOGRAPHIC DOCUMENTATION

All photographic materials submitted as documentation must follow the requirements outlined in the HABS/HAER/HALS Photography Guidelines. Access to the guidelines is available with this link—[Photography Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](https://www.nps.gov/history/habs/haer/hals/photography-guidelines).

Photographic documentation should include:

A. Index and Key to Photographs

Every set of photographs submitted to HABS, HAER, or HALS is accompanied by a list of captions. The captions should include appropriate information about the direction of the views and any significant details and should be submitted as a physical copy and in an electronic format as outlined in the Transmittal Guidelines. Site Plans

or maps with the locations of photographs denoted are encouraged, particularly on complex sites or sites with several buildings. Access to additional information about the Index and Key to Photographs is available in "Preparing HABS/HAER/HALS Documentation for Transmittal"—<https://www.nps.gov/hdp/standards/Transmittal.pdf>

#### B. Current Views

Views should present Building 369 as completely as possible. Among the views to be included should be

- View of Building 369 within its context to illustrate the conditions of the site, including any adjacent building(s), features in the landscape, and roadways,
- Perspectival view of the principal or main façade and an adjacent façade,
- Perspectival view of the rear of Building 369 and an adjacent façade,
- View of the entry,
- View of the cornerstone, if present,
- View of any detail of construction indicative of the period of construction, and
- Views of the interior to illustrate spatial relationships and any equipment present.

#### C. Historic Views

A thorough search should be undertaken, and photographic copies made of historic photographs, **if they are copyright-free**. The source and approximate date of the photograph should be stated in the caption in the Index to Photographs. If a collection of historic photographs is housed in an accessible archive, reproduction for HABS/HAER/HALS may not be necessary. If the historic images are necessary to illustrate the significance of the structure—for example, its original design and construction—or to illustrate changes over time, then they should be included, *if the Release and Assignment Form can be completed*. Noting their existence in a footnote or as an entry in the bibliography is also important, particularly if the images remain copyrighted. If historic views cannot be found, please list all repositories searched in the bibliography.

### IV. MEASURED DRAWINGS

According to the entry on the Survey Form completed in April 1997, drawings of Building 369 exist. If no significant alteration has occurred, copies of the original drawings could be submitted. If significant alteration has occurred, graphic documentation should include a set of drawings, which should be measured and drawn to scale. The set should include a Site Plan, a Floor Plan, Elevations, and a Roof Plan. Access to the guidelines for the production of the drawings is available with this link—[HABS Drawing Guidelines \(nps.gov\)](https://www.nps.gov/hdp/standards/HABS_Drawing_Guidelines.pdf).

### V. ELECTRONIC COPY

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layout, the copy should be printed from the PDF File. All documentation—the report, index to the photographs, and drawings—may be submitted on the same CD/DVD. Submit the CD/DVD only after confirmation of the acceptance of any revisions.

VI. PACKAGING

Please contact our office to obtain the HABS Number before submission of the documentation and to request preprinted cards to mount the photographs, once the number of views has been determined. Refer to “Preparing HABS/HAER/HALS Documentation for Transmittal” ([Transmittal Guidelines \(HABS/HAER/HALS\) \(nps.gov\)](#)) for guidance as you prepare the documentation.