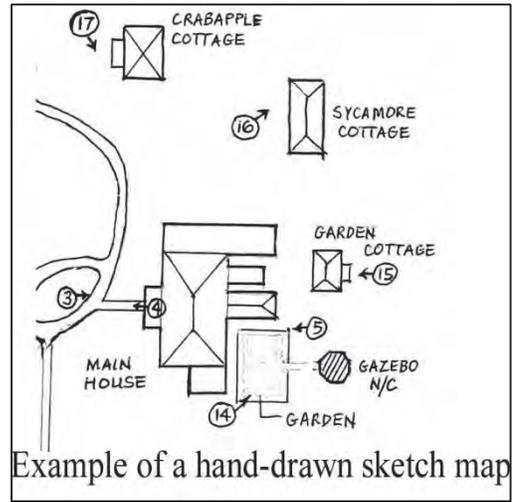
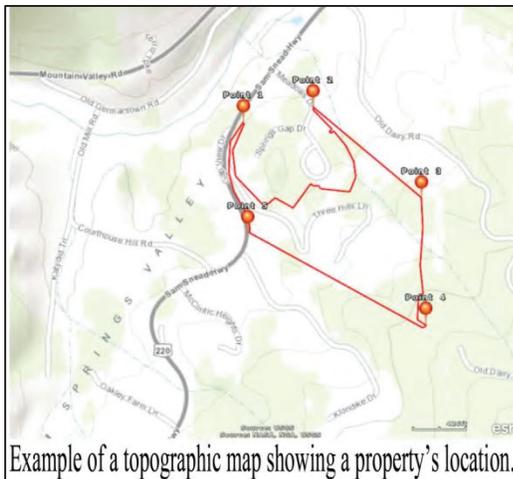


## Guidelines for Preparing Maps for National Register Nominations in Virginia

Maps are one of the key components of a National Register nomination. Without accurate maps, a nomination cannot be considered final and a property will not be listed in the National Register even if all other pieces of the nomination packet are complete. Maps are used to show the location of a property, the kinds of resources associated with it (such as houses, roads, bridges, parks, archaeological sites, industrial complexes, and battlefields), and the geographic boundaries of the nominated property. Traditionally, maps that accompanied National Register nominations were prepared using U.S. Geological Survey topographic maps (available at <http://www.usgs.gov/pubprod/maps.html>) and hand-drawn site plans. These types of maps may still be submitted with a nomination, but they are not the only option available.



Example of a hand-drawn sketch map



In the past decade, electronic mapping has become readily accessible to professionals and the general public. Websites such as Bing Maps provide a novice user with access to detailed topographic, street, and aerial imagery with just a few mouse clicks. Free software, such as Google Earth and ArcGIS Explorer, allow users to create custom maps for a variety of purposes. Meanwhile, professionals use Geographic Information Systems (GIS) to create maps that incorporate all types of data (for a basic introduction to GIS, please see <http://www.esri.com/what-is-gis/>).

### Guidelines Provided by the Department of Historic Resources (DHR)

Since the early 2000s, the Department of Historic Resources (DHR) has been transitioning to using electronically generated materials for National Register nominations. Nomination forms now are prepared using Microsoft Word software and photographs are taken with digital cameras. Electronically generated maps are the next step. Therefore, the guidelines provided herein focus on creating digitally generated maps. In the following sections, detailed guidance for using software to create maps for individually nominated properties and for historic districts are provided, along with instructions for submitting the maps in hard copy and/or electronic format. Traditional maps using USGS topographic maps and hand-drawn sketch maps are still accepted as well. Therefore, at the end of this document, examples of all the different types of maps that DHR accepts for National Register nominations are presented.

Although we have worked to make this guidance as accessible and user-friendly as possible, our staff is still available to assist with any questions. Your first point of contact should be the Regional Office staff member you are working with to prepare your nomination. DHR has four regional offices: Tidewater (757-886-2818); Northern (540-868-7029); Western (540-387-5443); and Capital (804-482-6099). You also may contact the National Register Historian at 804-482-6439.

Additionally, please note that DHR has created step-by-step instructions for using two types of free mapping software, Google Earth and ArcGIS Explorer, to create digital maps. These instructions are in a separate document entitled **Step-by-Step Instructions for Creating Digital Location Maps**. It is available on DHR's website, or contact Regional staff for a copy.

### **Two Basic Types of Maps for Nominations**

A minimum of two types of maps must accompany a National Register nomination, whether the property being nominated is an individual property or a historic district. The first map is the Location Map, which shows the precise location of the property being nominated. For an individual property that includes less than 10 acres of land, a single location point is required to be shown on the map. The location point must be recorded using either a Latitude/Longitude or a UTM coordinate. The location point should be taken at roughly the center of the property or the location of the primary resource (such as a dwelling or commercial building) associated with the property. For properties with more than 10 acres, a minimum of three location points must be shown, based on the shape of the historic boundary.

The second map that must accompany a National Register nomination is the Sketch Map. This map shows all of the contributing and non-contributing resources associated with the property being nominated, as well as the property's historic boundary. For an individually nominated property, the sketch map may show just one resource (a building, an archaeological site, a bridge, etc.) or a large number (such as an industrial complex with numerous buildings and structures, or a large farmstead with dwellings, barns, sheds, and other outbuildings). For a historic district, the sketch map must show all of the contributing and non-contributing resources within the boundaries of the district, as well as the historic boundary.

Without exception, all maps must be finalized by the deadline for submitting the final nomination packet. **Incorrectly formatted or incomplete maps will result in a returned nomination and may delay listing of your property.** For questions or assistance, please contact your regional office or the National Register Historian in Richmond at (804) 482-6439 or by email at [Lena.McDonald@dhr.virginia.gov](mailto:Lena.McDonald@dhr.virginia.gov). This document pertains to maps for National Register nomination submission only. Standards for maps submitted for survey may be different; for details, please contact DHR Archivist Quatro Hubbard at (804) 482-6102 or [Quatro.Hubbard@dhr.virginia.gov](mailto:Quatro.Hubbard@dhr.virginia.gov), or DHR Architectural Survey Coordinator Carey Jones at (804) 482-6453 or [Carey.Jones@dhr.virginia.gov](mailto:Carey.Jones@dhr.virginia.gov).

Detailed guidance for preparing Location Maps and Sketch Maps is provided below. This guidance concludes with the differing requirements for preparing maps for Hard Copy

nominations versus All-Electronic nominations. An example of each type of map is provided at the end of this document.

## **LOCATION MAPS**

DHR encourages submittal of digital location maps generated with widely available electronic mapping websites and/or software. Digital location maps will record location information with latitude/longitude coordinates. Digital mapping will eventually replace earlier mapping standards using hardcopy, full-size USGS quadrangle maps and UTM coordinates.<sup>1</sup>

**DHR's digital map requirements are based on the National Park Service's (NPS) draft electronic map fact sheet: <http://www.nps.gov/nr/publications/guidance/pastwebinars.htm>** (copies also are available from DHR staff). **However, nominations submitted in Virginia must also adhere to the policies explained in this document.** For questions about the NPS document, contact the Cultural Resource GIS Facility at [deidre\\_mccarthy@nps.gov](mailto:deidre_mccarthy@nps.gov).

### **Requirements for Location Maps:**

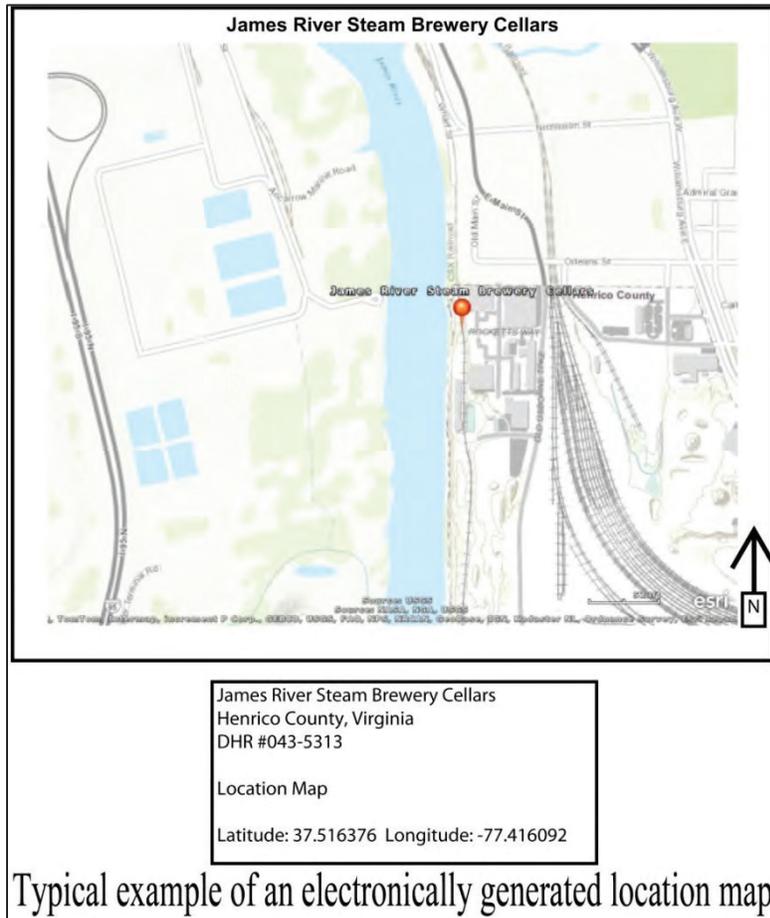
All location maps submitted with National Register nominations must include the following information:

- Clear labeling of the property being nominated. The location of the point or the district boundaries should be instantly distinguishable from the rest of the map.
  - For properties with less than 10 acres, a single location point must be shown.
  - For properties with more than 10 acres, a minimum of three location points must be shown, based on the shape of the historic boundary.
    - For irregularly shaped resources encompassing more than 10 acres, a polygon can be drawn around the resource boundaries and location points taken at the corners of the polygon.
- A scale.
- A North arrow.
- The WGS datum (the default datum is WGS84 for most readily available mapping websites and software) and the website or software used to generate the map (i.e., Bing Maps; Google Earth; ArcGIS; etc.).
- The name and city/county and state of the property being nominated (i.e., Dr. Jane Doe House, Washington County, VA), as well as its DHR file number (i.e., 002-0542).
- Latitude/longitude coordinates for each point, extending to at least six decimal places; coordinates shown on the map must match the coordinates listed in Section 10 of the nomination form.

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<sup>1</sup> Note: It is still acceptable to use hardcopy, full-size USGS quadrangle maps with a scale of 1:24000 and to follow the previous map standard for recording UTM coordinates. The National Park Service plans to phase out USGS mapping at an as yet unspecified date. Instructions for preparing hardcopy, full-size USGS maps are available here - [http://www.nps.gov/nr/publications/bulletins/nrb16a/nrb16a\\_III.htm#geographical](http://www.nps.gov/nr/publications/bulletins/nrb16a/nrb16a_III.htm#geographical).

- The background may be a topographic map, street map, or aerial photo, as long as it reproduces clearly in black-and-white.
- *Optional:* The Location Map may also include the historic boundary of the property being nominated. The historic boundary must be precisely drawn and a true representation of where the nominated property is physically located.



### Submitting Location Maps

Digitally generated location maps can be submitted to DHR in hardcopy format or as a PDF file. PDFs can be emailed, sent to DHR staff via a file transfer site (such as DropBox), or on CD (check with DHR staff about the best way to submit your particular map). Whether the map is submitted on paper or electronically, it must be legible when printed in black-and-white format.

### Printing Location Maps

The location map **must** be reproducible in black and white (this standard also applies to sketch maps, see below). Maps that rely on color (color boundary lines, for instance, may disappear in a black and white reproduction) will not be accepted. Print the map on 8.5" x 11" paper. The location map may

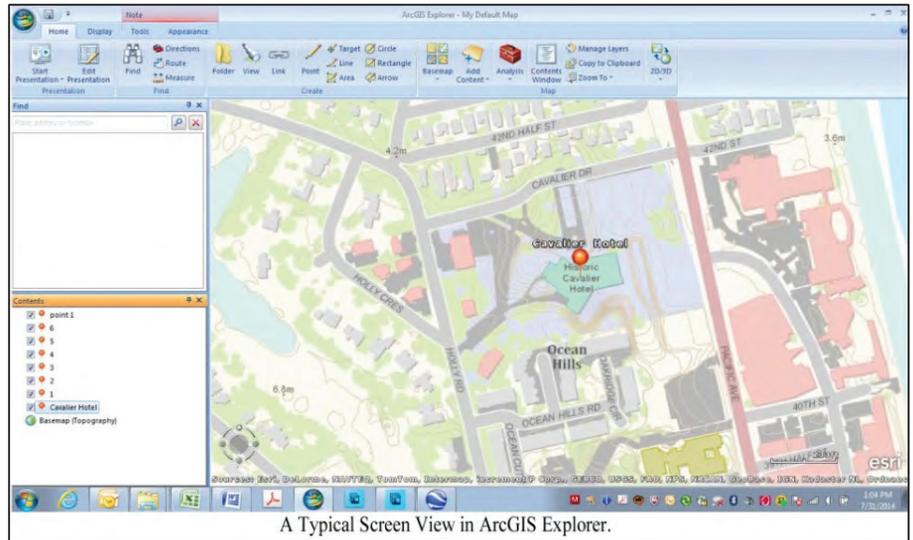
be printed with a topographic, street map, or aerial photo background. Nearby streets or roads should be labeled.

### Submitting Location Maps Electronically

A scan of the printed location map saved as a PDF, or a PDF of the map image created using software, may be submitted to DHR. If the map was created by a local government's planning or GIS staff, DHR will request that the local government submit the associated shapefiles as well. PDFs can be emailed, sent to DHR staff via a file transfer site (such as DropBox), or on CD. When emailing, please remember that DHR's email system does not accept file attachments that are larger than 10MB.

## Software and Websites for Generating Location Maps:

DHR and the National Park Service have identified several options for generating location maps. Location maps can easily be generated with GIS (Geographic Information Systems) software such as ArcGIS and AutoDesk GIS. GIS professionals, local and regional planning agencies, and other organizations routinely use ArcGIS to generate many types of maps. Fully functional GIS software programs are typically best suited to GIS professionals as they require considerable expense and time to master.



Professionals also may use DHR's online Virginia Cultural Resource Information System (V-CRIS) to create location maps. Use of V-CRIS mapping requires a subscription (either short- or long-term) and one-on-one training with DHR's Architectural Survey Coordinator, who can be reached at (804) 482-6453. After initial training is complete, DHR's Register Historian will provide guidance for creating location maps to accompany National Register nominations; the Register Historian can be reached at (804) 482-6439.

For non-GIS professionals, numerous readily available software programs and websites are available. DHR recommends **ArcGIS Explorer** as the most flexible software, particularly for recording location information for historic districts and historic properties with considerable acreage. It is available for free and can be downloaded at <http://www.esri.com/software/arcgis/explorer/download>.

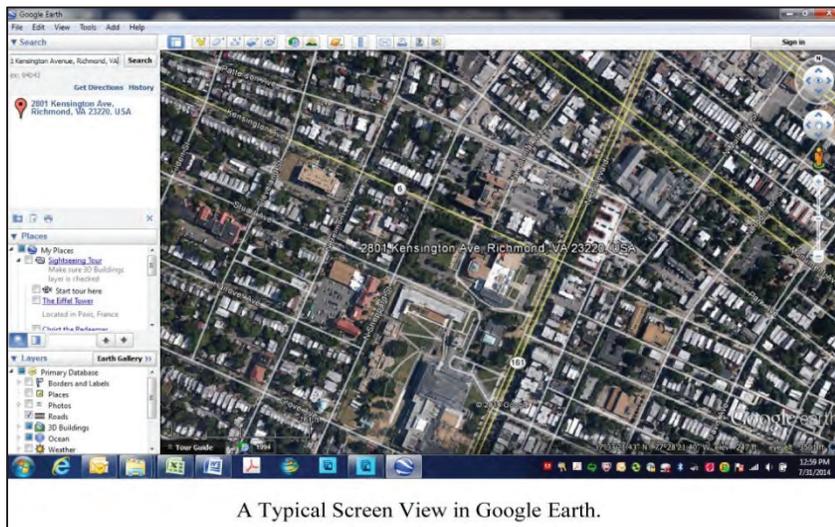
A **web-only** version of **ArcGIS Explorer** is available here: <http://www.arcgis.com/explorer/>. This application does not require downloading of any software, but does require creation of an online (free) account.

As the most flexible software option, ArcGIS Explorer also requires some effort to learn. DHR has produced basic guides for getting started with each of these options; these can be obtained from Regional and Register staff. We advise that learning the software will take some time and patience, however, we believe that the effort is well spent as digital mapping for all kinds of purposes is quickly becoming the norm rather than the exception.

**Google Earth** is available for free download at <http://www.google.com/earth/index.html>. This software has the advantage of being designed to work with other Google products. The software is simpler to use, which means that its functionality is somewhat limited compared to ArcGIS Explorer. To

record the location of a single historic property, especially one with little acreage (fewer than 10 acres), it is probably the fastest and easiest option to use. DHR has produced basic guidelines for getting started with Google Earth; these can be obtained from Regional and Register staff.

A very lively online community of GIS users exists. Troubleshooting for GIS can often be accomplished by entering questions into readily available search engines (Google, Bing, Yahoo, etc.). Additionally, please note that DHR has created step-by-step instructions for using two types of free mapping software, Google Earth and ArcGIS Explorer, to create digital maps for National Register nominations. These instructions are in a separate document. Contact Regional staff or the National Register Historian for a copy.



A Typical Screen View in Google Earth.

GIS software is subject to constant change and updating. DHR will endeavor to post current information on our website. If you have any questions about current standards or guidelines regarding digital mapping for National Register location maps, please contact the National Register Historian in Richmond at (804) 482-6439 or by email at

[Lena.McDonald@dhr.virginia.gov](mailto:Lena.McDonald@dhr.virginia.gov). If you are able to come into DHR's central office in Richmond, you may contact Ms. McDonald to schedule one-on-one training to use the ArcGIS Explorer and Google Earth software for creating National Register location maps.

### **SKETCH MAPS/BOUNDARY MAPS**

The Sketch Map provides a quick overview of the property being nominated, including its historic boundaries, associated contributing and non-contributing resources, and photo key. The Sketch Map can be drawn by hand or created using computer software. If you are unsure of the best approach to use to create the map, please consult with DHR staff.

All sketch maps submitted with National Register nominations must include the following information:

- The name and city/county and state of the property being nominated (i.e., Dr. Jane Doe House, Washington County, VA).
- A North arrow
- Adjacent streets/roads and any major natural features (rivers, lakes, etc.) and land uses in the immediate vicinity
- Historic boundaries

- The boundaries must match the verbal description in Section 10 of the nomination form and the boundaries, if shown, on the location map.
- All associated resources and whether they are contributing or non-contributing
  - The number and types of resources on the sketch map must match the resource counts in Section 5 of the nomination form.
  - Resources shown on the map must match the resources described in Section 7 of the nomination form, including contributing/non-contributing status.
- The sketch map must be printable in black-and-white; do not use multi-color shading or color lines on the map.
- A digitally generated sketch map may have a topographic map, street map, tax parcel map, GIS-based map, aerial photo, or plain white background, as long as it prints clearly in black-and-white. A hand-drawn sketch map may be drawn on plain white paper or graph paper.
- A photo key can be included on the sketch map, or the photo key can be a standalone map. The photo locations and numbers must match those provided in the Photo Log section of the nomination form
  - If the photo key is not included on the sketch map, it *must* be submitted as a separate map.
  - Photo key information also must be printable in black-and-white.

### **Sketch Maps for Individually Nominated Properties**

For individually nominated properties, a sketch map should be prepared whether the property has just one associated resource or multiple resources. Make sure the number of contributing and non-contributing resources noted on the map corresponds to the number of contributing and non-contributing resources in the nomination's Sections 5 and 7. Resources should be labeled along with roads, streams, and other features. The historic boundary should be neatly delineated (e.g., lines do not go down the middle of a road if the road is not being nominated). A North arrow should be included, the historic boundary labeled and, if appropriate, "not to scale" written on the plan. Be sure the number of resources cited in the nomination corresponds to the sketch map.

If you are using a sketch or base map to depict your boundary **in lieu of a verbal description (see Section 10 of the nomination form)**, the scale must be 1"= 200' or larger scale and it must be shown on the map as a bar scale (not simply, 1"=200'). On the other hand, if your nomination includes a detailed verbal boundary description or references a legal document such as a tax parcel or plat map, then the sketch map for an individually nominated property is not required to be to a particular scale.

### **Sketch Maps for Historic Districts**

For historic districts, the sketch map records all of the contributing and non-contributing resources associated with the district. The historic boundary should be neatly delineated (e.g., lines do not go down the middle of a road if the road is not being nominated, and are never shown as passing through a building). The map should show resource footprints and must note which resources are contributing and non-contributing, including secondary resources. Make

sure the number of contributing and non-contributing resources noted on the map corresponds to the number of contributing and non-contributing resources in the nomination's Sections 5 and 7. Resources should be labeled along with roads, rivers, and other major features within or immediately adjacent to the historic district.

The sketch map may be drawn by hand, using computer software, or some combination of the two. Check with the historic district's local government planning and/or tax assessor's office to see whether GIS-based maps are available to the public, such as a tax parcel map or a street map with building footprints and/or parcel lines. The local government may be able to provide a range of versions, and be able to print these for you; please be aware there may be local government fees/charges associated with this service.

Do not use color to denote contributing or non-contributing status, or boundary lines; all information should be understandable if the map is copied in black and white. *Use of color will result in a returned nomination.*

**For historic districts, the map scale must be 1"= 200' or larger scale.** If you are working on a large historic district or rural historic district, please consult with DHR staff for advice on the best methods to prepare the map. You also may be able to obtain assistance from your local government's planning and/or tax assessor's office.

#### *Submitting Sketch Maps*

Digitally generated sketch maps can be submitted to DHR in hardcopy format or as a PDF file. PDFs can be emailed, sent to DHR staff via a file transfer site (such as DropBox), or on CD (check with DHR staff about the best way to submit your particular map). Whether the map is submitted on paper or electronically, it must be legible when printed in black-and-white format. Hardcopy sketch maps, whether electronically generated or drawn by hand, also may be submitted.

#### Printing Sketch Maps

The sketch map must be reproducible in black-and-white. Maps that rely on color (color boundary lines, for instance, may disappear in a black and white reproduction) will not be accepted. A sketch map for an individually nominated property typically can be printed (or drawn) on 8.5" x 11" paper.

Sketch maps for historic districts often require large format paper. Please be aware that DHR does not have the ability to print on paper larger than 11" x 17". A commercial printing service, such as Kinko's, or a specialty service, such as an architectural drawings printer, can print maps on much larger paper formats. A local government planning or tax assessor's office also may be able to assist you with printing large format maps. Due to the difficulties that can come with printing large format maps, you may find that submitting sketch maps electronically is a better option.

### Submitting Sketch Maps Electronically

A scan of the printed or hand-drawn sketch map can be saved as a PDF, or a PDF of the map image can be created using software, and then submitted to DHR. If you are proficient with drawing or electronic mapping software, you can create the sketch map electronically and submit it as a PDF. If the sketch map was created by a local government's planning or GIS staff, DHR will request that the local government submit the associated shapefiles as well. PDFs can be emailed, sent to DHR staff via a file transfer site (such as DropBox), or on CD. When emailing, please remember that DHR's email system does not accept file attachments that are larger than 10MB.

### **Maps for Hardcopy and for All-Electronic Nominations**

In 2013, NPS and DHR began accepting National Register nominations in all-electronic format. Instead of a hardcopy nomination form, photographic prints, and printed maps of the nominated property, NPS accepts nomination materials that are in electronic format. The nomination form and maps are typically submitted as PDF files, while the photos are submitted as TIFFs. DHR's staff is responsible for submitting the electronic files to NPS in the appropriate formats. For our permanent archives, DHR continues to require submittal of one set of hardcopy materials as well as the electronic materials.

A nomination author decides if they want to use the hardcopy option or the all-electronic option. Detailed guidance for preparing and submitting an all-electronic nomination packet is provided in a separate document entitled *Guidance for All-Electronic Nomination Submittals in Virginia*; it is available on DHR's website, or contact Regional staff for a copy. The *Register Nomination Checklist* also details how to submit a packet in either hardcopy or all-electronic format.

NPS's decision to accept electronically generated maps in electronic format has resulted in additional guidance for preparing the maps, particularly with regard to scale and file format. Each is discussed in greater detail below.

### **Location Maps for Individual Properties and Historic Districts – Hardcopy and Electronic**

If a hardcopy USGS topographic quadrangle map is prepared for the location map, the original map must be submitted to DHR. Please remember that a full-size quadrangle must be submitted, not a portion or section of the map.<sup>2</sup> Additionally, if a full-size quadrangle map is submitted, then the rest of the nomination materials also must be provided in hardcopy format.

A digitally generated location map can be submitted to DHR in hardcopy format or as a PDF file. If GIS software, such as ArcGIS, is used to create the map, DHR will gladly accept the shapefiles in addition to the PDF or hardcopy map. Whether in electronic or hardcopy format, the map must be printable in black-and-white format. The digitally generated location map is not

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<sup>2</sup> Instructions for preparing hardcopy, full-size USGS maps are available here - [http://www.nps.gov/nr/publications/bulletins/nrb16a/nrb16a\\_III.htm#geographical](http://www.nps.gov/nr/publications/bulletins/nrb16a/nrb16a_III.htm#geographical).

required to have a particular scale. Rather, it should show the location of the nominated property, preferably with at least one major nearby road, body of water, or other readily distinguishable feature included on the map.

### **Sketch Maps for Individual Properties – Hardcopy and Electronic**

For an individually nominated property, if you are using a sketch or base map to depict your boundary **in lieu of a verbal description (see Section 10 of the nomination form)**, the scale must be 1" = 200' or larger scale, and a bar scale must be used, regardless of whether the map is hand-drawn or electronically generated and regardless of whether the map is submitted in hardcopy or electronic format.

If your nomination includes a detailed verbal boundary description in Section 10 of the nomination form and references a legal document such as a tax parcel or plat map, then the sketch map is not required to be to a particular scale. Instead, the sketch map may be submitted with an approximate scale, regardless of whether the map is hand-drawn or electronically generated and regardless of whether the map is submitted in hardcopy or electronic format.

### **Sketch Maps for Historic Districts – Hardcopy Nominations**

Historically, NPS and DHR have required that sketch maps for National Register historic district nominations be prepared with a scale of 1" = 200'. This standard still applies for historic district sketch maps that are submitted in hardcopy format, *regardless of how the map was prepared*. Thus, whether the map was created using electronic software, a street map, a topographic map, or a hand-drawn site plan, if it is submitted to DHR in hardcopy, it must have a bar scale of 1" = 200'. Maps drawn at a smaller scale, such as 1" = 600', will not be accepted by NPS or DHR.

When the district sketch map is submitted in hardcopy format, the 1" = 200' scale must be truly represented on paper. For a historic district with considerable acreage, this can require either printing the map on multiple sheets of regular-sized paper (letter, legal, or ledger size) or using one or more sheets of a large-format paper (larger than 11" by 17"). If you are preparing a nomination for a large district, please consult with DHR staff for appropriate methods to prepare the hardcopy sketch map. Two hardcopies of the sketch map must be submitted to DHR.

### **Sketch Maps for Historic Districts – All-Electronic Nominations**

For an all-electronic historic district nomination, the sketch map will be submitted to NPS as a PDF image. The electronic image of the sketch map should include a *bar scale* of 1" = 200'. Using the bar scale means that the original scale will be preserved while allowing a viewer to zoom in to see details on a computer monitor or zoom out to see the overall image.

A sketch map can be hand-drawn and then scanned to create an electronic sketch map, as long as the map is hand-drawn to a true scale of 1" = 200'. The scan's resolution should be sufficient to create a legible digital image (typically, this will be the "high" or "fine" quality setting on a scanner). The sketch map can be drawn on regular size paper (8.5" x 11", 8.5" x 14", or 11" x

17”) or on larger format paper. A bar scale of 1” = 200’ must be shown on the map. The hard copy of the hand-drawn map will be retained in DHR’s records and the scanned map submitted to NPS as a PDF image.

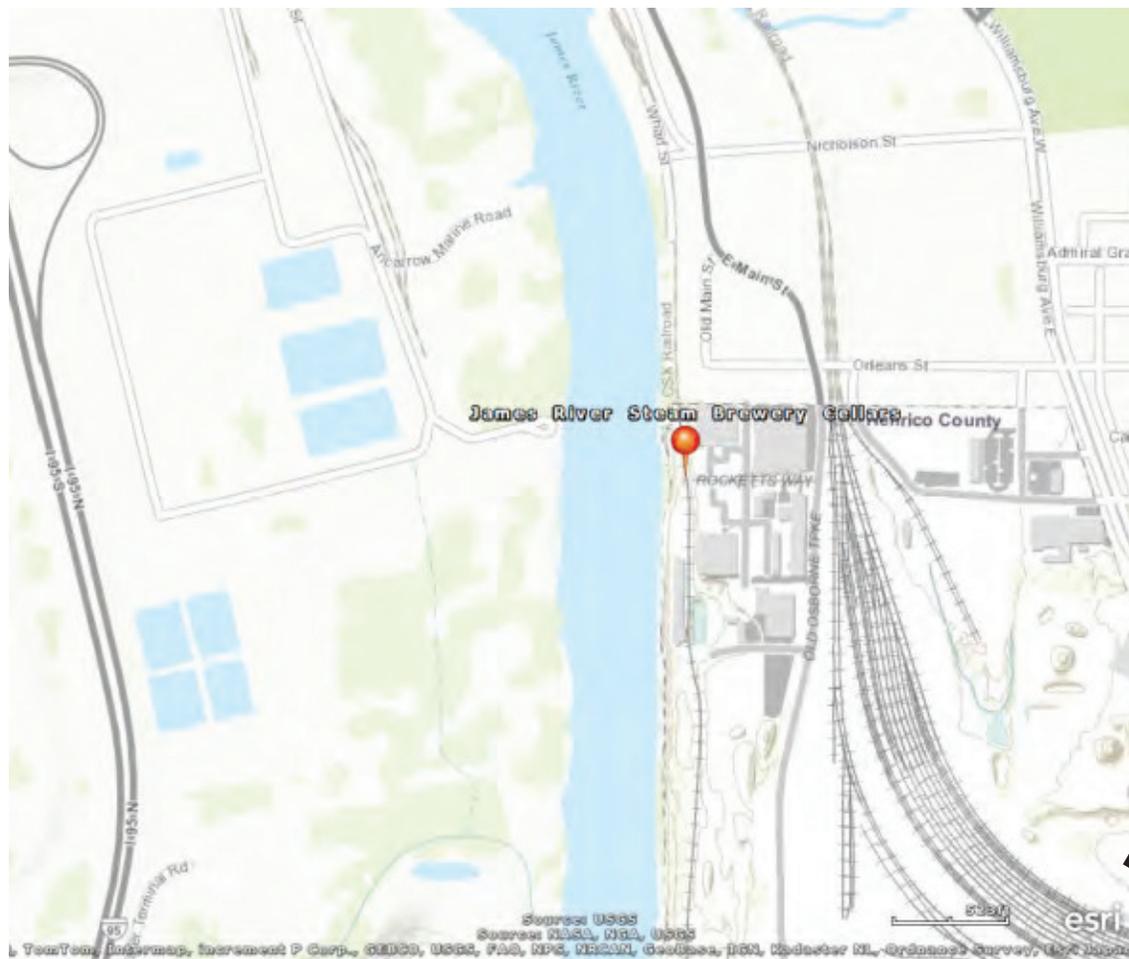
Sketch maps that are generated using GIS software, such as ArcGIS or AutoCAD, or using electronic parcel data (such as those used by many local governments), should include a bar scale of 1” = 200’. A PDF of the map must be submitted that shows the map in its entirety. This PDF image is not required to be sized to fit on a particular paper size; however, it is recommended to use a default setting, such as 11” x 17”. The electronic shapefiles used to create the sketch map should be submitted along with the PDF image of the map. The electronic files must include a layer that accurately defines the historic boundary of the nominated property. Finally, DHR requires one hardcopy printout of all electronically generated maps. This is in addition to the electronic mapping files and PDF that will be submitted to NPS. The hardcopy printout must show a bar scale of 1” = 200’ so that the scale is preserved regardless of the size of the printout.

The following pages provide examples of location maps and sketch maps that were prepared to meet current requirements for National Register nominations. If you have any questions about preparing maps to accompany your nomination, please contact the Regional Office staff member you are working with. DHR has four regional offices: Tidewater (757-886-2818); Northern (540-868-7029); Western (540-387-5443); and Capital (804-482-6099). You also may contact the National Register Historian at 804-482-6439.

May 2014

# Digitally Generated Location Map – Less than 10 Acres

## James River Steam Brewery Cellars



James River Steam Brewery Cellars  
Henrico County, Virginia  
DHR #043-5313

Location Map

Latitude: 37.516376 Longitude: -77.416092

## LOCATION MAP - STREET MAP VIEW

**Doyle Florist Inc./ H. R. Schenkel Inc. Greenhouse Range**

**City of Lynchburg, VA**

**DHR #118-5294**

**Location Coordinates:**

**Latitude: 37.390570**

**Longitude: -79.165720**

Note that color is acceptable on this map because the street map and boundaries print legibly in black-and-white.



Feet



**Title: Doyle Florist Inc./H.R. Schenkel Inc.**

**Date: 8/13/2014**

*DISCLAIMER: Records of the Virginia Department of Historic Resources (DHR) have been gathered over many years from a variety of sources and the representation depicted is a cumulative view of field observations over time and may not reflect current ground conditions. The map is for general information purposes and is not intended for engineering, legal or other site-specific uses. Map may contain errors and is provided "as-is". More information is available in the DHR Archives located at DHR's Richmond office.*

*Notice if AE sites: Locations of archaeological sites may be sensitive to the National Historic Preservation Act (NHPA), and the Archaeological Resources Protection Act (ARPA) and Code of Virginia §2.2-3705.7 (10). Release of precise locations may threaten archaeological sites and historic resources.*

May 2014

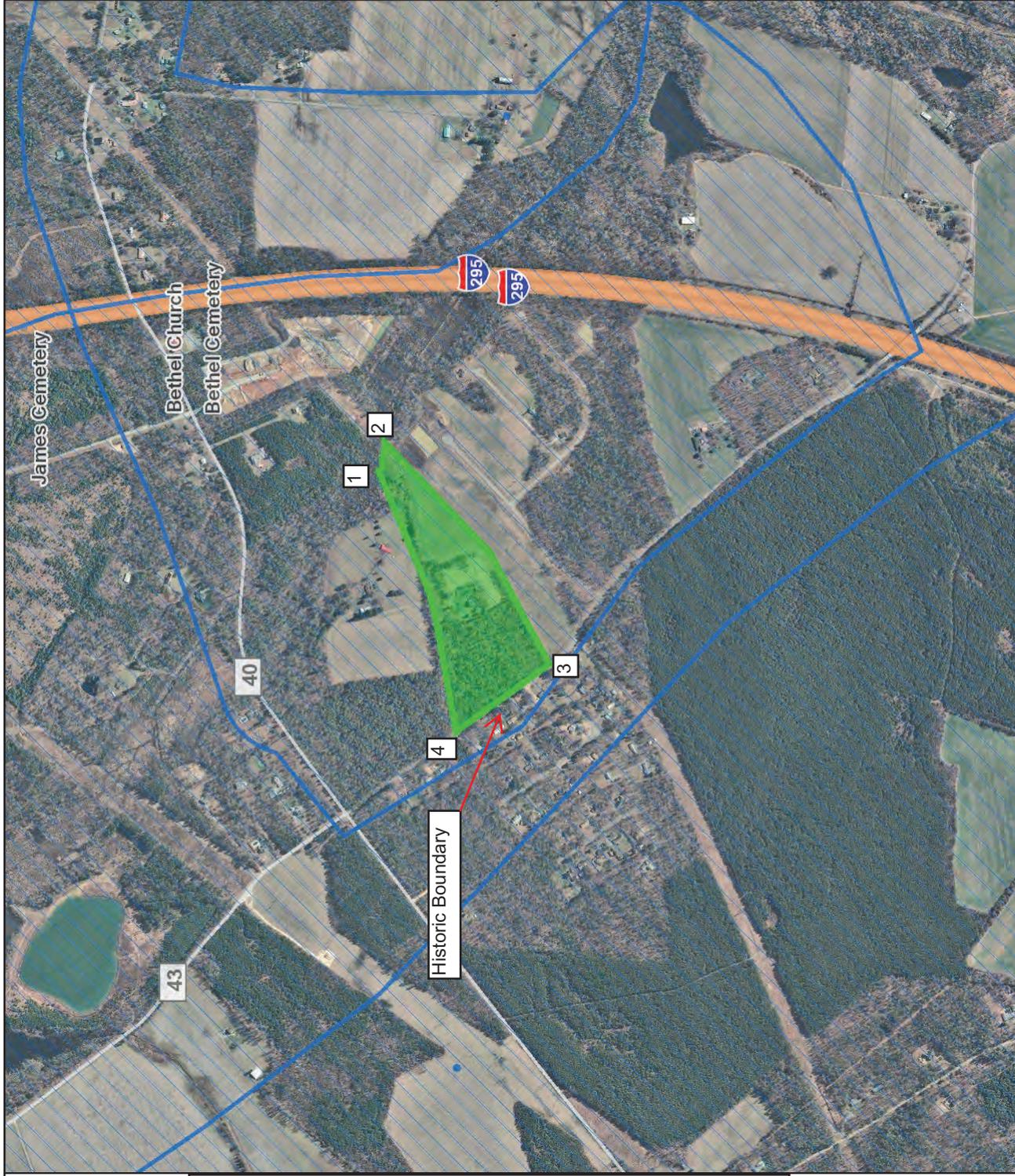
# Digitally Generated Location Map – More than 10 Acres

## LOCATION MAP - AERIAL VIEW

**Farmer's Rest**  
**Henrico County, Virginia**  
**DHR #043-0041**

### Coordinates:

- 1. Latitude: 37.409020  
Longitude: -77.340560
- 2. Latitude: 37.408850  
Longitude: -77.339680
- 3. Latitude: 37.40520  
Longitude: -77.34586
- 4. Latitude: 37.40739  
Longitude: -77.34773



**Title: Farmer's Rest**

**Date: 9/30/2014**

*DISCLAIMER: Records of the Virginia Department of Historic Resources (DHR) have been gathered over many years from a variety of sources and the representation depicted is a cumulative view of field observations over time and may not reflect current ground conditions. The map is for general information purposes and is not intended for engineering, legal or other site-specific uses. Map may contain errors and is provided "as-is". More information is available in the DHR Archives located at DHR's Richmond office.*

*Notice if AE sites: Locations of archaeological sites may be sensitive to the National Historic Preservation Act (NHPA), and the Archaeological Resources Protection Act (ARPA) and Code of Virginia §2.2-3705.7 (10). Release of precise locations may threaten archaeological sites and historic resources.*



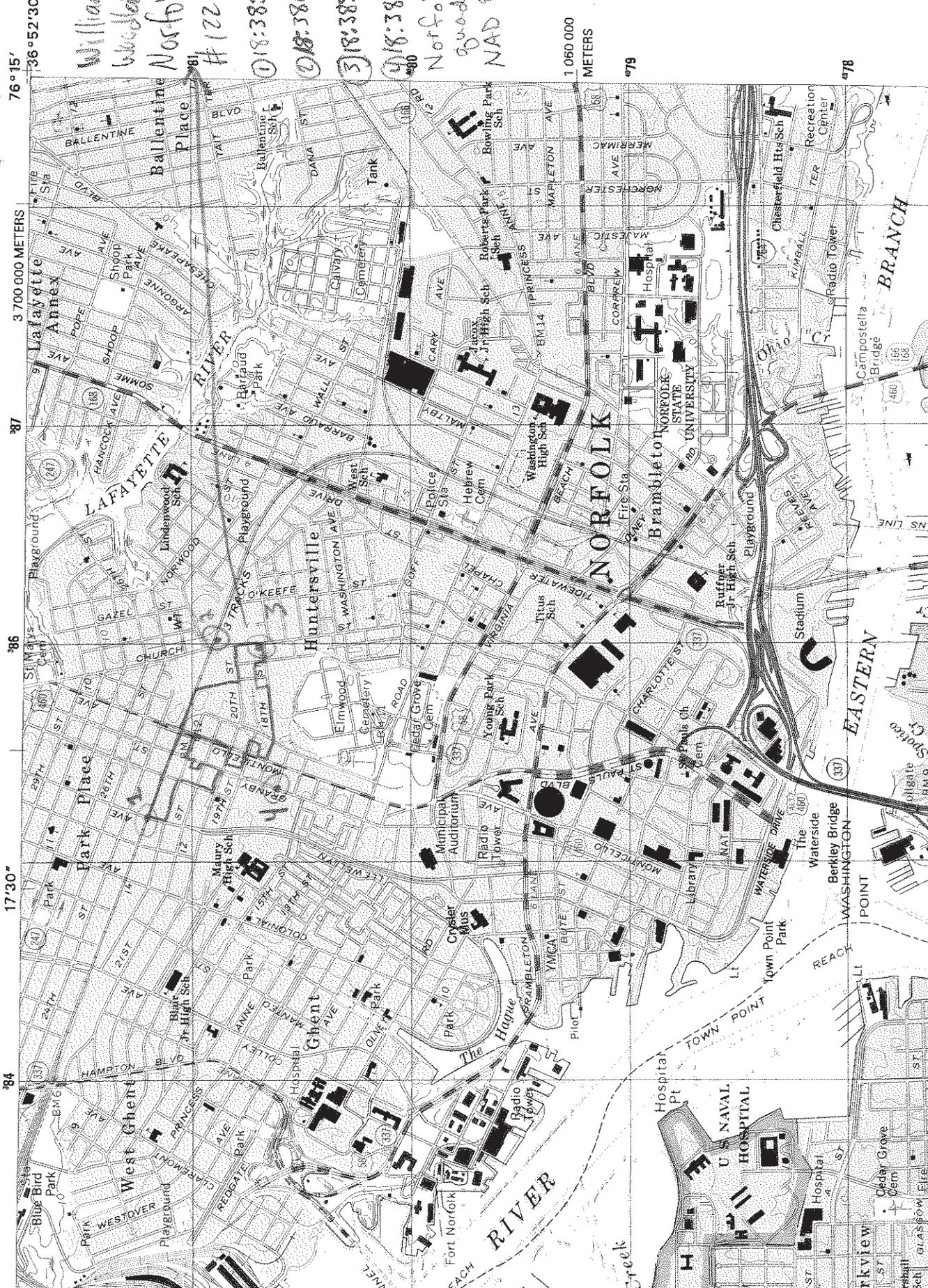
Feet





## Hardcopy USGS Quadrangle Location Map Marked by Hand

**NORFOLK SOUTH QUADRANGLE**  
**VIRGINIA**  
**7.5-MINUTE SERIES (TOPOGRAPHIC)**



Williamston -  
 Wickford Hist. Dist  
 Norfolk, VA  
 #122-5795  
 18-385806/4081493  
 18-386604/4080900  
 18-385973/4080675  
 18-385344/4080625  
 Norfolk South  
 Quad  
 NAD 83

May 2014

# Digitally Generated Sketch Map – Individual Resource



↑ 1 Photo Location

Note that color is acceptable on this map because the aerial image, numbers and text all print legibly in black-and-white.

**Pantops Farm**  
 Albemarle County, Virginia  
 DHR No. 002-0130  
 Aerial View, 2013 – Photo Key and Sketch Map

May 2014

# Digitally Generated Sketch Map – Historic District

# Boones Mill Historic District

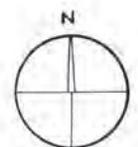
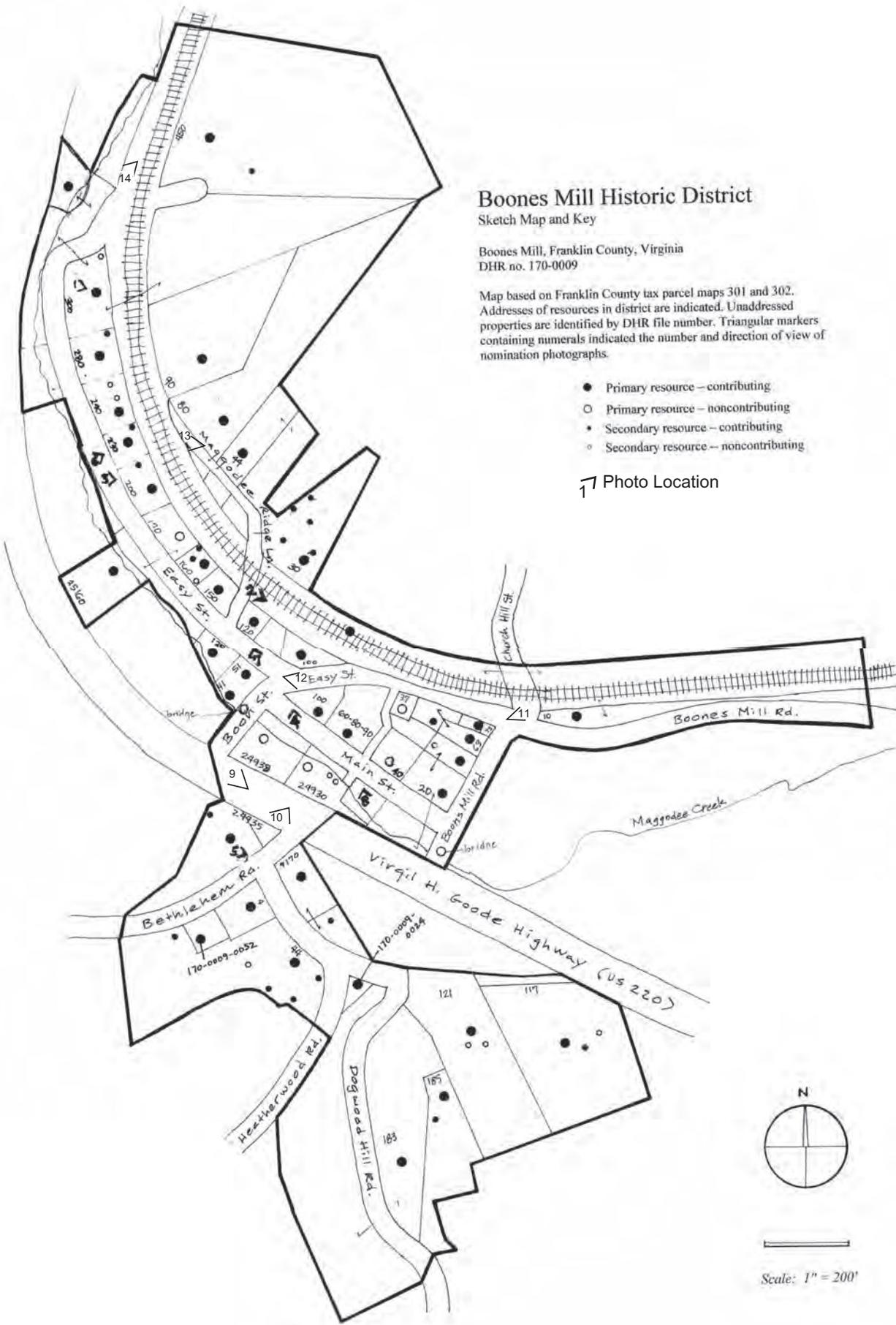
## Sketch Map and Key

Boones Mill, Franklin County, Virginia  
 DHR no. 170-0009

Map based on Franklin County tax parcel maps 301 and 302.  
 Addresses of resources in district are indicated. Unaddressed  
 properties are identified by DHR file number. Triangular markers  
 containing numerals indicated the number and direction of view of  
 nomination photographs.

- Primary resource – contributing
- Primary resource – noncontributing
- Secondary resource – contributing
- Secondary resource – noncontributing

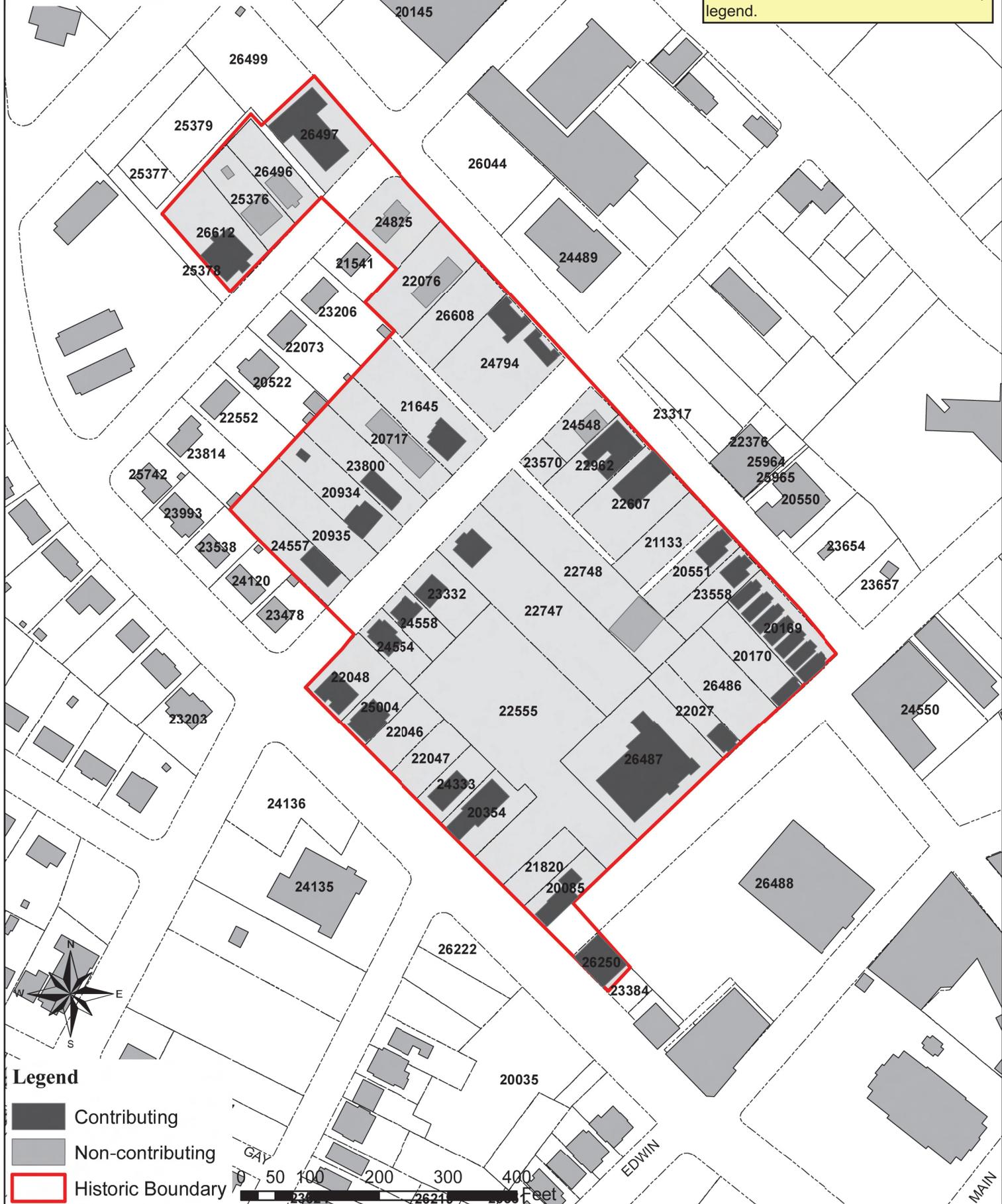
└┘ Photo Location



Scale: 1" = 200'

**Mechanicsville HD Survey  
Danville, VA  
DHR # 108-5607  
Tax ID Map  
November 2013**

Note that color is acceptable on this map because the street map, building footprints, aerial image, numbers and text all print legibly in black-and-white. The historic boundary can be in color because it has been included in the map legend.



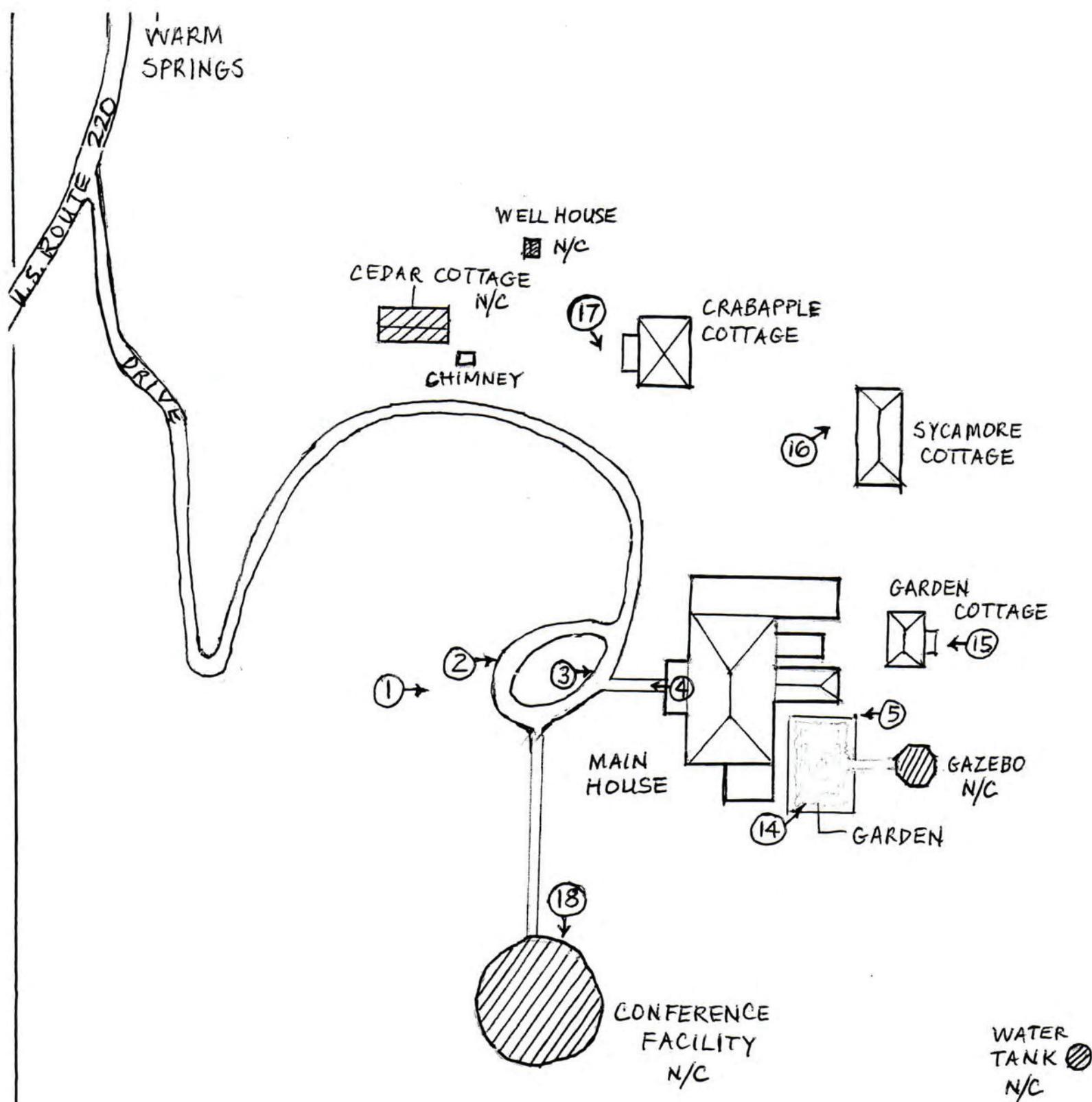
**Legend**

- Contributing
- Non-contributing
- Historic Boundary



May 2014

# Hand-Drawn Sketch Map



# THREE HILLS, BATH COUNTY, VIRGINIA

SKETCH MAP (NOT TO SCALE)

 = NONCONTRIBUTING RESOURCES (N/C)

 = PHOTO NO. AND DIRECTION



May 2014

# Photo Key

**Mechanicsville HD Survey  
Danville, VA  
DHR # 108-5607  
Boundary Map & Photo Key  
November 2013**



**Legend**

-  Contributing
-  Non-contributing
-  Historic Boundary
-  Photo Key

0 50 100 200 300 400 Feet

