

**MONTGOMERY COUNTY HISTORIC PRESERVATION COMMISSION**  
**STAFF REPORT**

<b>Address:</b>	16501 Norwood Road, Sandy Spring	<b>Meeting Date:</b>	1/24/2024
<b>Resource:</b>	Master Plan Site Number 28/14 <i>Woodlawn</i>	<b>Report Date:</b>	1/17/2024
<b>Applicant:</b>	Mongtomery Parks (Agent Scott Whipple)	<b>Public Notice:</b>	1/10/2024
<b>Review:</b>	HAWP	<b>Tax Credit:</b>	n/a
<b>Permit No.:</b>	1054359	<b>Staff:</b>	Chris Berger
<b>Proposal:</b>	Installation of security cameras and video intercom system at the Woodlawn Manor House and Visitor Center		

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**STAFF RECOMMENDATION:**

Staff recommends that the Historic Preservation Commission (HPC) **approve** the HAWP application with final approval of all details delegated to staff.



**Figure 1: The Woodlawn Manor Cultural Park measures 79 acres.**

**ARCHITECTURAL DESCRIPTION**

SIGNIFICANCE: Individually Listed Master Plan Site (*Woodlawn Number 28/14*)  
 STYLE: Federal  
 DATE: 1800 with later additions

**PROPOSAL**

Montgomery Parks' agent Scott Whipple wrote the following in the HAWP application materials:

The Department of Parks proposes the installation of eight security cameras and two video intercom stations on the main manor house and visitors center building. In order to avoid damaging masonry, the cameras on the manor house will be mounted to the wood soffits. One camera will be mounted on a light pole adjacent to the driveway and parking lot, rear of the visitor center. One video intercom will be mounted on a free-standing post, set in the ground adjacent to the front door of the manor; a second video intercom will be mounted next to the door of the visitor center.

**APPLICABLE GUIDELINES****Montgomery County Code; Chapter 24A-8**

- (b) The commission shall instruct the director to issue a permit, or issue a permit subject to such conditions as are found to be necessary to ensure conformity with the purposes and requirements of this chapter, if it finds that:
- (1) The proposal will not substantially alter the exterior features of an historic site or historic resource within an historic district; or
  - (2) The proposal is compatible in character and nature with the historical, archeological, architectural or cultural features of the historic site or the historic district in which an historic resource is located and would not be detrimental thereto or to the achievement of the purposes of this chapter; or
  - (4) The proposal is necessary in order that unsafe conditions or health hazards be remedied;

***Secretary of Interior's Standards for Rehabilitation***

The Secretary of the Interior defines rehabilitation as "the act or process of making possible a compatible use for a property through repair, alterations, and additions while preserving those portions or features, which convey its historical, cultural, or architectural values." The relevant *Standards* are as follows:

2. The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.
9. New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterize the property. The new work shall be differentiated from the old and will be compatible with the historic materials, features, size, scale and proportions, and massing to protect the integrity of the property and its environment.
10. New additions and adjacent or related new construction will be undertaken in such a manner that, if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.

## STAFF DISCUSSION

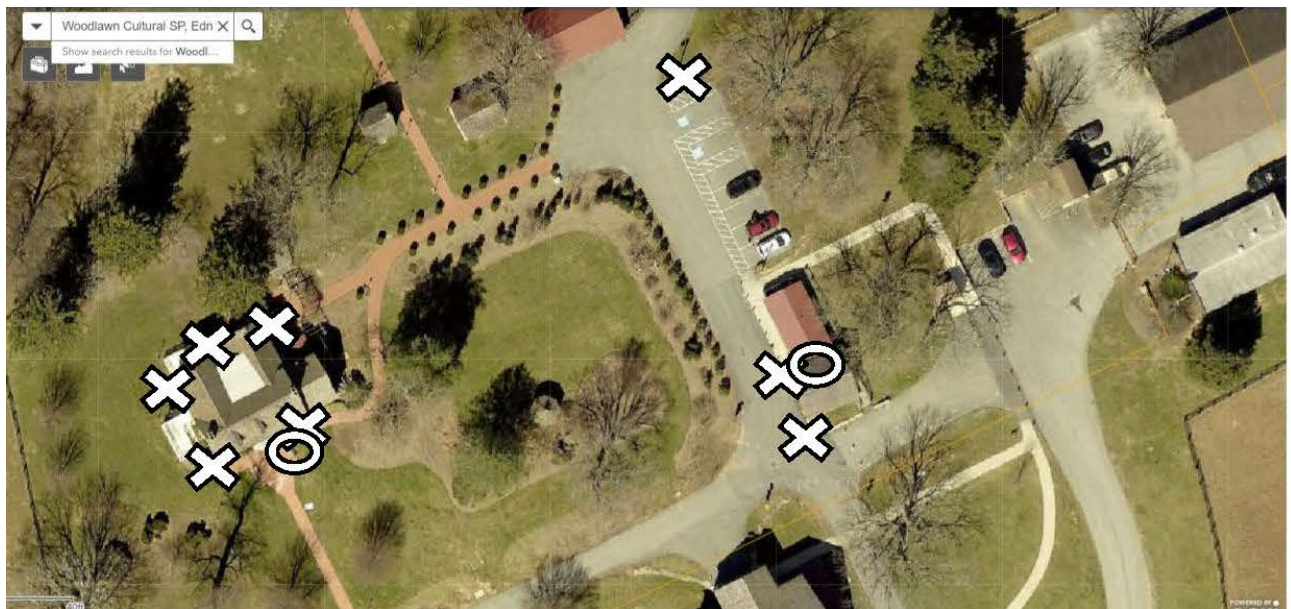
The subject property is Federal-style house that is an individually listed Master Plan Site constructed in 1800. It is located in the Woodlawn Manor Cultural Park, a 79-acre park. In addition to the Manor House and Visitor Center, the park includes the Woodlawn Museum housed in the historic stone bank barn and a combination dairy and smokehouse, a log house, and board and batten tenant house. The grounds feature the Underground Rail Experience Trail.

Staff supports the installation of the eight security cameras at the Manor House, Visitor Center, and parking lot. The five cameras on the Manor House will be affixed to the wood soffit under the rooflines to avoid damage to the masonry. The two cameras attached to the Visitor Center will also be attached under the roofline of that modern building. The last camera will be mounted to an extant, modern lightpole in the parking lot.

According to the applicant, the intercom at the Manor House will be mounted to a 4-by-4 inch ground contact pressure-treated southern yellow pine post 58 inches from the ground. The intercom at the Visitor Center will be mounted to the wall.

The cameras and intercoms will not substantially alter the exterior features of the property in accordance with Chapter 24A-8(b)(1) and will improve security at the historic resource. Per Chapter 24A-8(b)(2), the minimally visible equipment is compatible with the character of the historic site. And it meets Chapter 24A-8(b)(4) as the equipment will augment the safety of staff and help deter vandalism to protect the historic Manor House.

The installation of the security equipment will also meet the applicable Secretary of the Interior Standards as the the historic character of the property will be retained and no historic materials or features that characterize a property will be removed. No historic materials will be destroyed because the soffit wood is replacement material, and the simple and modern equipment will be both differentiated from the old and compatible with the historic materials, features, size, scale and proportions, and massing. And should the equipment be removed in the future, the essential form and integrity of the property and environment would be unimpaired.



*Figure 2: The applicant provided this site plan to show the camera locations (X) and intercoms (O) at the Manor House, Visitor Center, and parking lot. The applicant noted there will not be an impact to trees, and Parks' archaeologists will monitor ground disturbance, if necessary.*



CES Integrated will furnish and install the QNV-C8011R Mini-Dome Cameras. All cameras will be installed on the wood soffit so as not to disturb the brick on the building.



Video Intercom Station to be mounted on a stand-alone pedestal independent from the building. The customer is responsible for providing and installing a pedestal.

**Figure 3:** The applicant provided this diagram to show the locations of the cameras and intercom at the front of the Manor House.

QNV-C8011R Mini-Dome Camera



**Figure 4:** The applicant provided this diagram to show the locations of the cameras at the left side elevation of the Manor House.



**Figure 5:** The applicant provided this diagram to show the locations of the camera on the rear elevation of the Manor House.



**Figure 6:** The applicant provided this diagram to show the locations of the camera on the rear elevation of the Manor House.



**Figure 7:** The applicant provided this diagram to show the locations of the cameras at the Visitor Center.



**Figure 8:** The applicant provided this diagram to show the proposed location of the intercom at the Visitor Center.





Multi-sensor camera mounted on the pole w/trenching of conduit from the pole to the visitor center.

*Figure 9: The applicant provided this diagram to show the camera on a pole in the parking lot Manor House.*

# QNV-C8011R

5MP IR Vandal Dome Camera



*Figure 10: Seven of these dome cameras are proposed for installation at the Manor House and Visitor Center. Each measures 4.33-by-3.03 inches.*



Figure 11: The camera proposed for the pole in the parking lot will measure 3.6-by-10.04 inches.

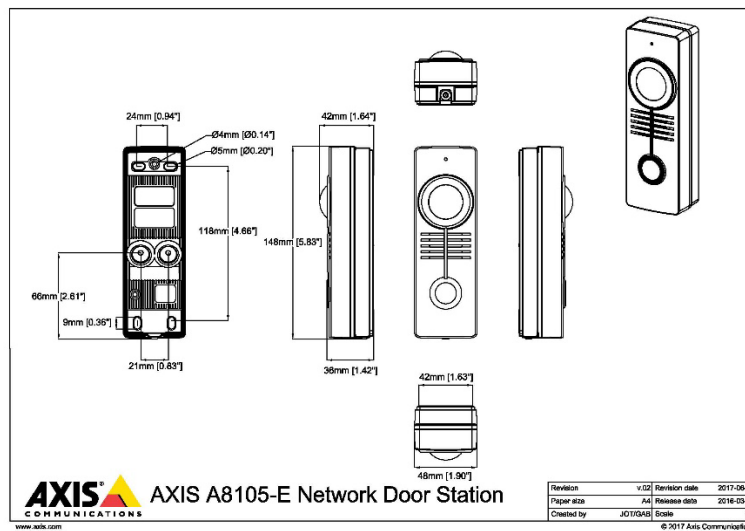


Figure 12: The specification sheet for the two intercoms proposed for the Manor House and Visitor Center.

**STAFF RECOMMENDATION**

Staff recommends that the Commission **approve** the HAWP application under the Criteria for Issuance in Chapter 24A-8(b)(1),(2), and (4), having found that the proposal will not substantially alter the exterior features of the historic resource and is compatible in character with the district and the purposes of Chapter 24A;

and with the *Secretary of the Interior’s Standards for Rehabilitation Numbers 2, 9, and 10*;

and with the general condition that the applicant will obtain all other applicable Montgomery County or local government agency permits. After the issuance of these permits, the applicant must contact this Historic Preservation Office if any changes to the approved plan are made;

and with the general condition that final project design details, not specifically delineated by the Commission, shall be approved by HPC staff or brought back to the Commission as a revised HAWP



application at staff's discretion;

and with the general condition that the applicant shall notify the Historic Preservation Staff if they propose to make any alterations to the approved plans. Once the work is completed the applicant will contact the staff person assigned to this application at 301-495-4571 or [chris.berger@montgomeryplanning.org](mailto:chris.berger@montgomeryplanning.org) to schedule a follow-up site visit. visit.



APPLICATION FOR HISTORIC AREA WORK PERMIT
HISTORIC PRESERVATION COMMISSION
301.563.3400

FOR STAFF ONLY:
HAWP#
DATE ASSIGNED

APPLICANT:

Name: E-mail:
Address: City: Zip:
Daytime Phone: Tax Account No.:

AGENT/CONTACT (if applicable):

Name: E-mail:
Address: City: Zip:
Daytime Phone: Contractor Registration No.:

LOCATION OF BUILDING/PREMISE: MIHP # of Historic Property

Is the Property Located within an Historic District? Yes/District Name
No/Individual Site Name

Is there an Historic Preservation/Land Trust/Environmental Easement on the Property? If YES, include a map of the easement, and documentation from the Easement Holder supporting this application.

Are other Planning and/or Hearing Examiner Approvals /Reviews Required as part of this Application? (Conditional Use, Variance, Record Plat, etc.?) If YES, include information on these reviews as supplemental information.

Building Number: Street:

Town/City: Nearest Cross Street:

Lot: Block: Subdivision: Parcel:

TYPE OF WORK PROPOSED: See the checklist on Page 4 to verify that all supporting items for proposed work are submitted with this application. Incomplete Applications will not be accepted for review. Check all that apply:

- New Construction, Addition, Demolition, Grading/Excavation, Deck/Porch, Fence, Hardscape/Landscape, Roof, Shed/Garage/Accessory Structure, Solar, Tree removal/planting, Window/Door, Other:

I hereby certify that I have the authority to make the foregoing application, that the application is correct and accurate and that the construction will comply with plans reviewed and approved by all necessary agencies and hereby acknowledge and accept this to be a condition for the issuance of this permit.

Signature of owner or authorized agent

Date

**Description of Property:** Please describe the building and surrounding environment. Include information on significant structures, landscape features, or other significant features of the property:

**Description of Work Proposed:** Please give an overview of the work to be undertaken:



Work Item 1: _____	
Description of Current Condition:	Proposed Work:

Work Item 2: _____	
Description of Current Condition:	Proposed Work:

Work Item 3: _____	
Description of Current Condition:	Proposed Work:

**HISTORIC AREA WORK PERMIT  
CHECKLIST OF  
APPLICATION REQUIREMENTS**

	Required Attachments						
Proposed Work	I. Written Description	2. Site Plan	3. Plans/ Elevations	4. Material Specifications	5. Photographs	6. Tree Survey	7. Property Owner Addresses
New Construction	*	*	*	*	*	*	*
Additions/ Alterations	*	*	*	*	*	*	*
Demolition	*	*	*		*		*
Deck/Porch	*	*	*	*	*	*	*
Fence/Wall	*	*	*	*	*	*	*
Driveway/ Parking Area	*	*		*	*	*	*
Grading/Excavation/ Landscaping	*	*		*	*	*	*
Tree Removal	*	*		*	*	*	*
Siding/ Roof Changes	*	*	*	*	*		*
Window/ Door Changes	*	*	*	*	*		*
Masonry Repair/ Repoint	*	*	*	*	*		*
Signs	*	*	*	*	*		*



Network

Dome

# QNV-C8011R

## 5MP IR Vandal Dome Camera



### Key Features

- Max. 5MP resolution
- Color: 0.03Lux(F1.6, 1/30sec), BW: 0.003Lux(F1.6, 1/30sec, 30IRE)
- Focal length: 3.0 mm fixed focal
- H.265, H.264, MJPEG codec supported
- Multiple streaming up to 5 profiles
- Day & Night (ICR), WDR (120dB)
- Micro SD/SDHC/SDXC 1 slot 256GB
- IP66, IK10, NEMA4X



# QNV-C8011R

5MP IR Vandal Dome Camera



## Specifications

Video	
Imaging Device	1/2.8" CMOS
Resolution	2592x1944, 2560x1440, 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 30fps(@5MP Max. 5fps)
Min. Illumination	Color: 0.03Lux (F1.6, 1/30sec) BW: 0.003Lux (F1.6, 1/30sec, 30IRE), 0Lux(IR LED on)
Video Out	USB: Micro USB Type B, 1280x720 for installation
Lens	
Focal Length (Zoom Ratio)	3.0mm fixed focal
Max. Aperture Ratio	F1.6
Angular Field of View	H: 100° / V: 73° / D: 129°
Min. Object Distance	0.5m (1.64ft)
Focus Control	Fixed
Lens Type	Fixed IRIS
Mount Type	M12
Pan / Tilt / Rotate	
Pan / Tilt / Rotate Range	0°~350° / -35°~70° / 0°~355°
Operational	
Camera Title	Displayed up to 85 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, WDR, SDR
Wide Dynamic Range	120dB
Digital Noise Reduction	SSNR V, WiseNR II (Based on AI engine)
Motion Detection	8ea, 8point Polygonal zones
Privacy Masking	32ea, 4point quadrangle zones
Gain Control	Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
LDC	Support
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (1/5~1/12,000sec)
Video Rotation	Flip, Mirror, Hallway view(90°/270°)

Analytics	Classified object type: Person/Vehicle Attributes: Vehicle(Type:car/bus/truck/motorcycle/bicycle) Support DetectionShot Analytics events based on AI engine - Motion detection*, Object detection, Virtual line*(Crossing/Direction), Virtual area*(Loitering/Intrusion/Enter/Exit) Analytics events - Defocus detection, Tampering, Virtual area(Appear/Disappear)  * Some of the video analytics only works with people and vehicle detection
Business Intelligence	None → ( will be supported as R/C in July) Based on AI engine: People counting, Vehicle counting, Queue management, Heatmap
Alarm Triggers	Analytics, Network disconnect
Alarm Events	When alarm trigger occurred - File upload(image) : e-mail/FTP - Notification : e-mail - Recording : SD/SDHC/SDXC or NAS recording at event triggers - Handover(PTZ preset, Send message by HTTP/HTTPS/TCP)
IR Viewable Length	20m(65.62ft)
IR Wavelength	long-life 850 nm IR LED
<b>Network</b>	
Ethernet	RJ-45(10/100BASE-T)
Video Compression	H.265/H.264: Main/High, MJPEG
Smart Codec	Manual(5ea area), WiseStream II → ( will be supported as R/C in July) Manual(5ea area), WiseStreamIII(Based on AI engine)
Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR
Streaming	Unicast(20 users) / Multicast Multiple streaming(Up to 5 profiles)
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, SRTP (TCP, UDP Unicast)
Application Programming Interface	ONVIF Profile S/G/T/M SUNAPI(HTTP API)
<b>Security</b>	
OS / Firmware Protect	Secure boot, Signed firmware, Firmware encryption
User authentication	Digest Authentication, Prevent brute-force attack
Network authentication	802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2)
Secure Communication	HTTPS, SRTP, WSS(Websocket secure)
Access Control	Access control based on IP address
Data Protect	Authentication information encryption, ZIP compression encryption
Audit	User Access/System/Event log management
Device ID	Device Certificate(Hanwha Private Root CA)
Secure Storage	SDcard partition encrypt
Security Certificate	Secure by default
<b>General</b>	
Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
Edge Storage	Micro SD/SDHC/SDXC 1slot 256GB
Memory	2GB RAM, 1GB Flash

**QNV-C8011R**
**Environmental & Electrical**

Operating Temperature / Humidity	-40°C~+55°C(-40°F ~ +131°F) / 0~95% RH * Start up should be done at above -30°C Humidity control /w Air vapor control
Storage Temperature / Humidity	-50°C~+60°C(-58°F ~ +140°F) / 0~95% RH
Certification	IP66, IK10, NEMA4X
Input Voltage	PoE(IEEE802.3af, Class3)
Power Consumption	PoE: Max 8.5W, typical 4.9W

**Mechanical**

Color / Material	White / Aluminum Bubble : Hard-coated dome
RAL Code	RAL9003
Product Dimensions / Weight	ø110x77mm(ø4.33x3.03"), 522g(1.15 lb)
Compatible Conduit hole / Gangbox	SBD-110GP1 : Single, Double, 4" Octagon (Sold seperately)
Hanging Mount (Dome)	SBP-120HMW
Backbox	SBV-140BW

**Certifications & Standards**

EMC	FCC 47 CFR 15 Subpart B Class A ICES-3(A)/NMB-3(A) CE/UKCA - EN 55032 Class A, EN 50130-4, EN 61000-3-2, EN 61000-3-3 VCCI CISPR 32 Class A RCM AS/NZS CISPR 32 Class A KS C 9832 Class A , KS C 9835
Safety	UL 62368-1, CAN/CSA C22.2 NO. 62368-1 IEC/EN 62471
Environment	IEC/EN 63000 IEC/EN 60529 IP66, IEC/EN 62262 IK10

**DORI (EN62676-4 standard)**

Detect (25PPM/ 8PPF)	43.5m(142.71ft)
Observe (63PPM/ 19PPF)	17.5m(57.09ft)
Recognize (125PPM/ 38PPF)	8.7m(28.54ft)
Identify (250PPM/ 76PPF)	4.3m(14.27ft)



CES Integrated will furnish and install the QNV-C8011R Mini-Dome Cameras. All cameras will be installed on the wood soffit so as not to disturb the brick on the building.



Video Intercom Station to be mounted on a stand-alone pedestal independent from the building. The customer is responsible for providing and installing a pedestal.



QNV-C8011R Mini-Dome Camera





This is a larger pic of where and how the QNV-C8011R Mini-Dome Camera will be mounted to the wooden soffit.



QNV-C8011R Mini-Dome Camera

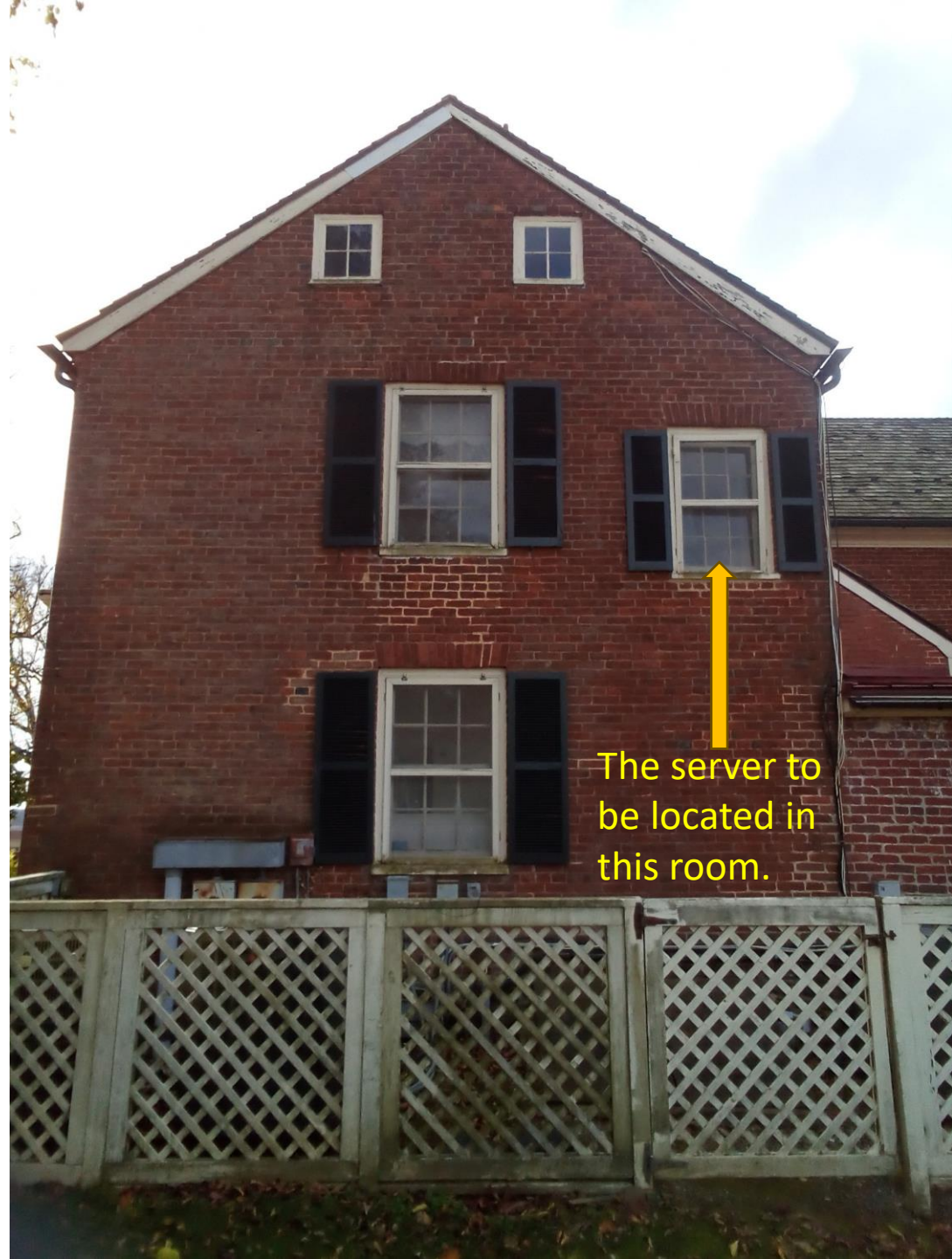




QNV-C8011R Mini-Dome Camera

QNV-C8011R Mini-Dome Camera is being installed in the second-floor safe. ●





The server to be located in this room.



Video Intercom



QNV-C8011R Mini Dome Camera

There are two cameras to be installed inside the visitor center building. One for the Font Counter and the other by the network cabinet.

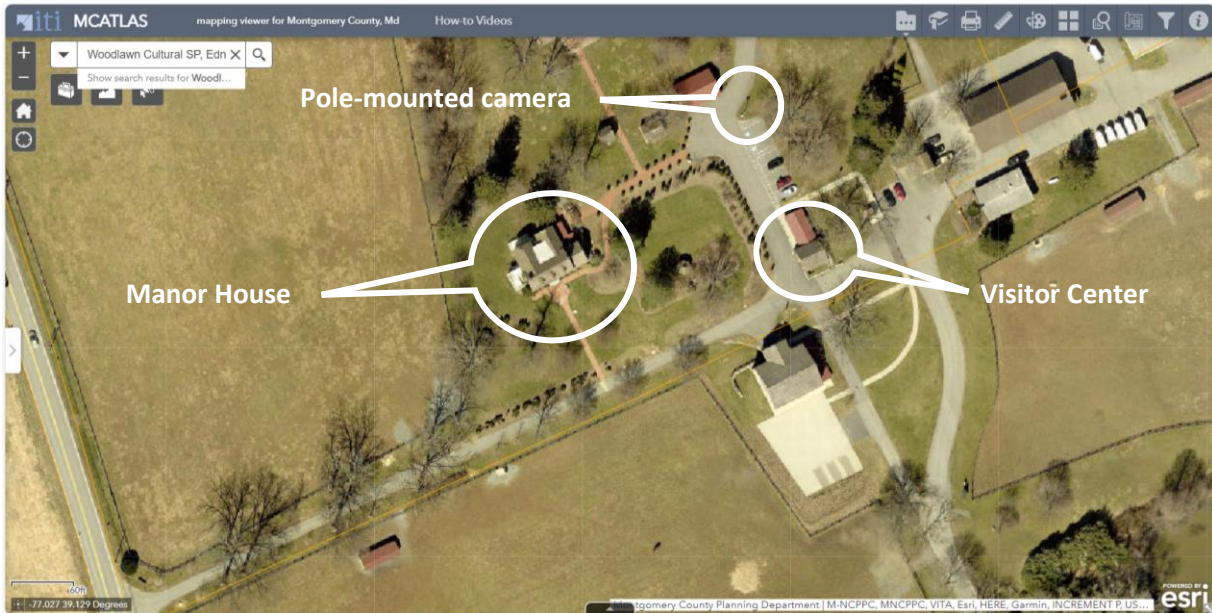




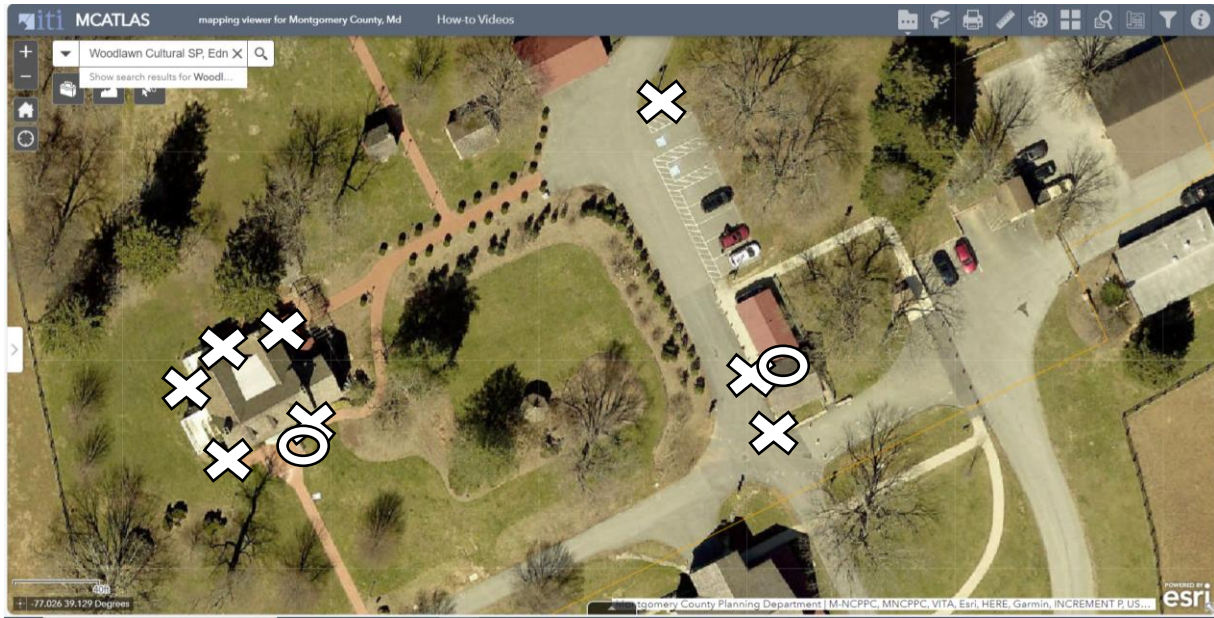


Multi-sensor camera mounted on the pole w/trenching of conduit from the pole to the visitor center.

# Site Plan and area of proposed security fixture installations







Approximate locations of camera (X) and intercoms (O)

No impact to trees. Archaeologists to monitor ground disturbance as necessary.

Adjacent and Confronting Property Owners:

- 16650 NORWOOD RD SANDY SPRING 20860
- 16923 NORWOOD RD SANDY SPRING 20860
- 1021 NORWOOD RD SILVER SPRING 20905
- 105 EDNOR RD SILVER SPRING 20905
- 109 EDNOR RD SILVER SPRING MD 20905
- 111 EDNOR RD SILVER SPRING MD 20905
- 121 EDNOR RD SILVER SPRING 20905



DEPARTMENT OF PERMITTING SERVICES

Marc Elrich  
*County Executive*

Rabbiah Sabbakhan  
*Director*

# HISTORIC AREA WORK PERMIT APPLICATION

Application Date: 12/27/2023

Application No: 1054359  
AP Type: HISTORIC  
Customer No: 1379330

## Affidavit Acknowledgement

The Homeowner is the Primary applicant  
This application does not violate any covenants and deed restrictions

## Primary Applicant Information

Address 16501 NORWOOD RD  
SANDY SPRING, MD 20860  
Homeowner MC Parks Facilities Management (Primary)

## Historic Area Work Permit Details

Work Type ALTER  
Scope of Work Install eight security cameras and two video intercoms.