



HISTORIC PRESERVATION COMMISSION

Marc Elrich
County Executive

Robert Sutton
Chairman

Date: January 25, 2024

MEMORANDUM

TO: Rabbiah Sabbakhan
Department of Permitting Services

FROM: Chris Berger
Historic Preservation Section
Maryland-National Capital Park & Planning Commission

SUBJECT: Historic Area Work Permit # 1054359 - Woodlawn Security Equipment

The Montgomery County Historic Preservation Commission (HPC) has reviewed the attached application for a Historic Area Work Permit (HAWP). This application was **Approved** at the January 24, 2024, HPC meeting.

The HPC staff has reviewed and stamped the attached construction drawings.

THE BUILDING PERMIT FOR THIS PROJECT SHALL BE ISSUED CONDITIONAL UPON ADHERENCE TO THE ABOVE APPROVED HAWP CONDITIONS AND MAY REQUIRE APPROVAL BY DPS OR ANOTHER LOCAL OFFICE BEFORE WORK CAN BEGIN.

Applicant: Scott Whipple
Address: 16501 Norwood Road, Sandy Spring

This HAWP approval is subject to 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. Once work is complete the applicant will contact Chris Berger at 301-495-4571 or chris.berger@montgomeryplanning.org to schedule a follow-up site visit.





APPLICATION FOR HISTORIC AREA WORK PERMIT
HISTORIC PRESERVATION COMMISSION
301.563.3400

FOR STAFF ONLY:
HAWP#
DATE ASSIGNED

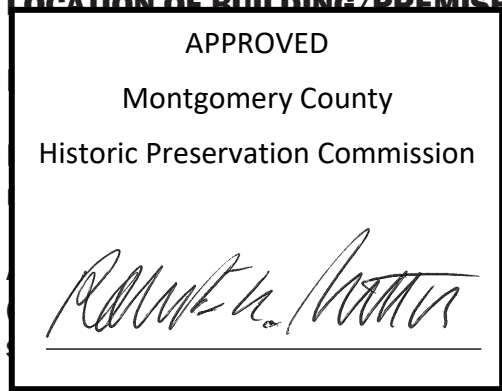
APPLICANT:

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

AGENT/CONTACT (if applicable):

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

LOCATION OF BUILDING/PREMISE: MIHP # of Historic Property



Historic District? Yes/District Name
No/Individual Site Name
Trust/Environmental Easement on the Property?
REVIEWED By Chris Berger at 11:35 am, Jan 25, 2024
Application?
(etc.?) If YES, include information on these reviews as

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:

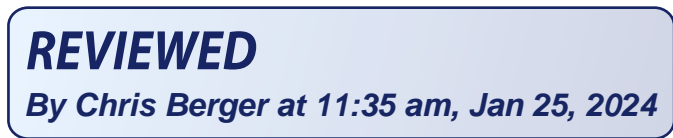
- New Construction
Addition
Demolition
Grading/Excavation
Deck/Porch
Fence
Hardscape/Landscape
Roof
Shed/Garage/Accessory Structure
Solar
Tree removal/planting
Window/Door
Other:

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: _____

| | |
|--|---|
| <p data-bbox="90 798 761 840">Description of Current Condition:</p> <div data-bbox="248 957 740 1339" style="border: 1px solid black; padding: 10px; text-align: center;"><p>APPROVED</p><p>Montgomery County Historic Preservation Commission</p><hr/></div> | <p data-bbox="761 798 1528 840">Proposed Work:</p> <div data-bbox="792 1115 1455 1247" style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #e6f2ff; text-align: center;"><p>REVIEWED</p><p><i>By Chris Berger at 11:35 am, Jan 25, 2024</i></p></div> |
|--|---|

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 | * | * | * | * | * | | * |

APPROVED

Montgomery County
Historic Preservation Commission



REVIEWED
By Chris Berger at 11:35 am, Jan 25, 2024



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

APPROVED

Montgomery County

Historic Preservation Commission

REVIEWED

By Chris Berger at 11:35 am, Jan 25, 2024

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 | 3-point Polygonal zones 4-point quadrangle zones Middle / High AWC / Manual / Indoor / Outdoor rt um / Ma error, Max |

APPROVED
 Montgomery County
 Historic Preservation Commission



REVIEWED
 By Chris Berger at 11:35 am, Jan 25, 2024

| | |
|------------------|--|
| <p>Analytics</p> | <p>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 detection, Tampering, Virtual area(Appear/Disappear) the video analytics only works with people and vehicle detection e supported as R/C in July) AI engine: People counting, Vehicle counting, Queue management, Heatmap Network m trigger occurred ad(in tion : ng : SD/SDHC/SDXC or NAS recording at event triggers er(PTZ preset, Send message by HTTP/HTTPS/TCP) 2ft)</p> |
|------------------|--|

APPROVED

Montgomery County
Historic Preservation Commission

REVIEWED

By Chris Berger at 11:35 am, Jan 25, 2024

| | |
|---------------|-------------------------|
| IR Wavelength | long-life 850 nm IR LED |
|---------------|-------------------------|

| | |
|-----------------------------------|--|
| Network | |
| 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) |

| | |
|------------------------|---|
| Security | |
| 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 |

| | |
|------------------|--|
| General | |
| 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 |

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) |

APPROVED
Montgomery County
Historic Preservation Commission



REVIEWED
By Chris Berger at 11:35 am, Jan 25, 2024

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.

APPROVED
Montgomery County
Historic Preservation Commission



REVIEWED
By Chris Berger at 11:35 am, Jan 25, 2024



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



APPROVED
Montgomery County
Historic Preservation Commission



A handwritten signature in black ink, appearing to read 'Robert H. ...', is written over a horizontal line.

REVIEWED
By Chris Berger at 11:35 am, Jan 25, 2024



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



APPROVED

Montgomery County

Historic Preservation Commission

REVIEWED

By Chris Berger at 11:35 am, Jan 25, 2024

QNV-C8011R Mini-Dome Camera



APPROVED

Montgomery County
Historic Preservation Commission

REVIEWED

By Chris Berger at 11:35 am, Jan 25, 2024

QNV-C8011R Mini-Dome Camera

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



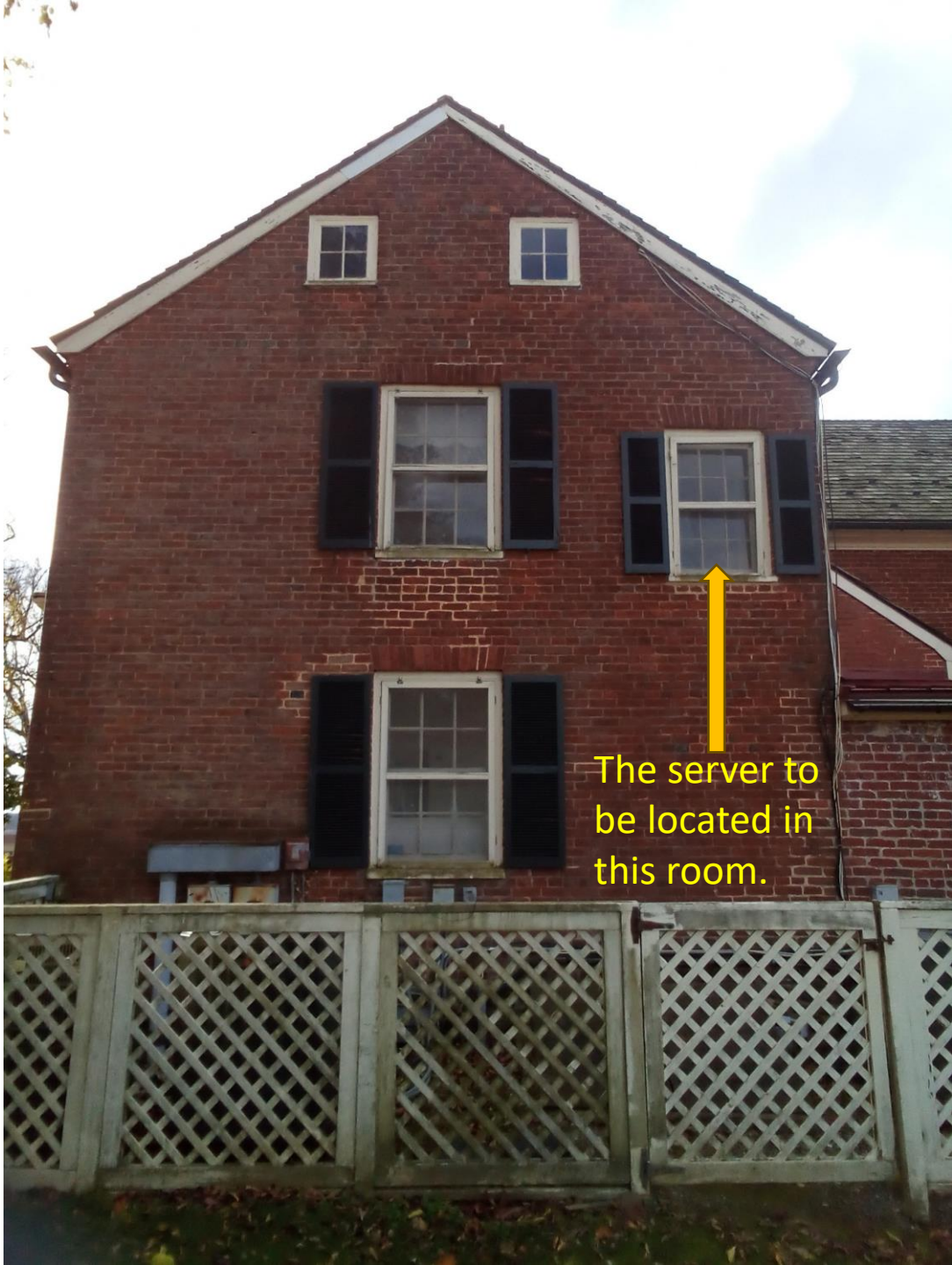
APPROVED

Montgomery County

Historic Preservation Commission

REVIEWED

By Chris Berger at 11:35 am, Jan 25, 2024



The server to be located in this room.

APPROVED

Montgomery County
Historic Preservation Commission

REVIEWED

By Chris Berger at 11:35 am, Jan 25, 2024

Video Intercom



APPROVED

Montgomery County
Historic Preservation Commission

Robert H. Potter

REVIEWED

By Chris Berger at 11:35 am, Jan 25, 2024

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.



APPROVED

Montgomery County
Historic Preservation Commission

REVIEWED

By Chris Berger at 11:35 am, Jan 25, 2024

APPROVED
Montgomery County
Historic Preservation Commission

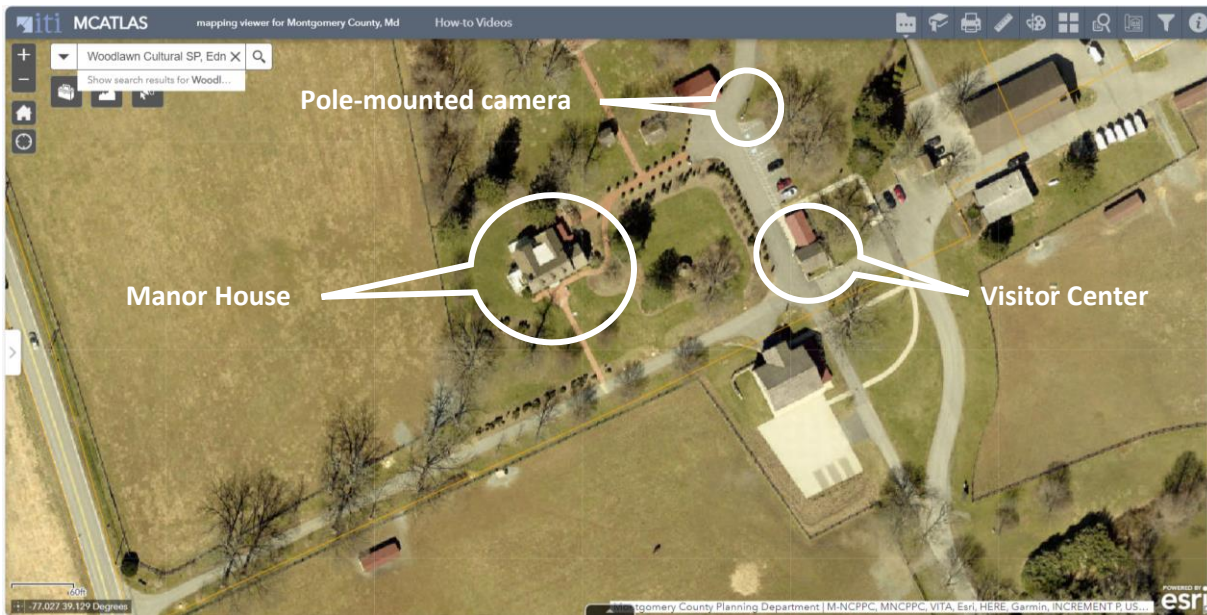


REVIEWED
By Chris Berger at 11:35 am, Jan 25, 2024



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

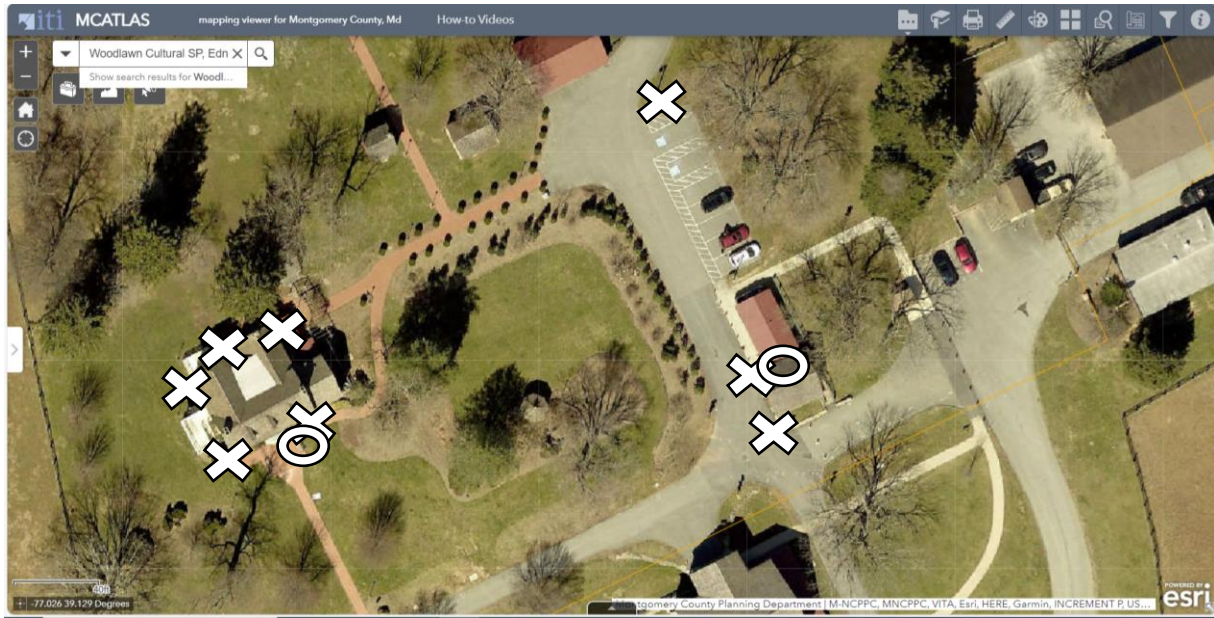


APPROVED
Montgomery County
Historic Preservation Commission



A handwritten signature in black ink, appearing to read "Robert H. Potter", is written over a horizontal line.

REVIEWED
By Chris Berger at 11:35 am, Jan 25, 2024



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

APPROVED
Montgomery County
Historic Preservation Commission


REVIEWED
By Chris Berger at 11:35 am, Jan 25, 2024



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.



REVIEWED

By Chris Berger at 11:35 am, Jan 25, 2024