RHDC
RALEIGH HISTORIC DEVELOPMENT COMMISSION

CERTIFICATE OF APPROPRIATENESS PLACARD

for Raleigh Historic Resources

Project Description:

Install security cameras

511 S Wilmington St
Address

Historic District

Dr. M. T. Pope House
Historic Property

COA-0129-2025
Certificate Number

9/10/2025
Date of Issue

3/10/2026
Expiration Date

This card must be kept posted in a location within public view until all phases of the described project are complete. The work must conform with the code of the City of Raleigh and laws of the state of North Carolina. When your project is complete, you are required to ask for a final zoning inspection in a historic district area. Telephone the RHDC office at 832-7238 and commission staff will coordinate the inspection with the inspections Department. If you do not call for this final inspection, your Certificate of Appropriateness is null and void.

Signature, *Collette K*
Raleigh Historic Development Commission

Pending the resolution of appeals, commencement of work is at your own risk.

Applicant name:		
Mailing address:		
City:	State:	Zip code:
Date:	Daytime phone #:	
Email address:		

Applicant signature:

	Office Use Only
Minor work (staff review) – one copy	Transaction #: _____
Major work (COA committee review) – ten copies	File #: __COA-0129-2025__
Additions > 25% of building sq. footage	Fee: _____
New buildings	Amount paid: _____
Demolition of building or structure	Received date: _____
All other	Received by:
Post approval re-review of conditions of approval	_____

Property street address:
Historic district:
Historic property/Landmark name (if applicable):
Owner name:
Owner mailing address:

For applications that require review by the COA Committee (major work), provide addressed and stamped envelopes for owners for all properties with 100 feet on all sides of the property, as well as the property owner.

Property Owner Name & Address	Property Owner Name & Address

I understand that all major work applications that require review by the Raleigh Historic Development Commission's COA Committee must be submitted by 4 p.m. on the date of the application deadline; otherwise, consideration will be delayed until the following committee meeting. An incomplete application will not be accepted.

Will you be applying for rehabilitation tax credits for this project? Yes X No Did you consult with staff prior to filing the application? **Yes X No**	Office Use Only Type of work: **48, 50** _____ _____

Design Guidelines: please cite the applicable sections of the design guidelines (www.rhdc.org).		
Section/Page	Topic	Brief description of work (attach additional sheets as needed).
		Adding two (2) exterior CC cameras to building

Minor Work Approval (office use only)

Upon being signed and dated below by the Planning Director or designee, this application becomes the Minor Work Certificate of Appropriateness. It is valid until **03/10/2026**.

Please post the enclosed placard form of the certificate as indicated at the bottom of the card. Issuance of a Minor Work Certificate shall not relieve the applicant, contractor, tenant, or property owner from obtaining any other permit required by City Code or any law. Minor Works are subject to an appeals period of 30 days from the date of approval.

Signature (City of Raleigh) _Collette K_____   Date _09/10/2025___

511

HOME OF NORTH CAROLINA'S
First Licensed African American Doctor

Google

raleighnc.gov/pope-house

Hanwha Vision

Network

PNM-C12083RVD

6MP x 2CH AI Multi-directional Camera

Key Features

• Analytics events based on AI engine: Classified object(Person/Face/Vehicle/License plate)

Attributes(vehicle type: Car/Bus/Truck/Motorcycle/Bicycle)

Support BestShot

• WiseNR II , Auto prefer shutter control, WiseStreamIII, extremeWDR (120dB)

• Maximum 3328x1872 resolution

• Maximum 15fps@6M

• Color: 0.16lux(F1.67, 1/30sec, 30IRE), 0 Lux (IR LED on)

• 3.54~6.69mm motorized varifocal, 78° tilt angle

• IR viewable length: IR 25m(82ft) based on scene

• TPM 2.0(FIPS 140-2 certified)

• IP66, IK10, NEMA4X

Hanwha Vision

PNM-C12083RVD

6MP x 2CH AI Multi-directional Camera

Specifications

Video

Imaging Device	Size	1/2.8"
	Type	CMOS
Resolution		3328x1872, 3072x1728, 2688x1520, 2592x1944, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264	15fps/15fps(60Hz/50Hz)
	MJPEG	15fps
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.16
	BW(1/30sec, 30IRE)	0.016
Video Out		USB: Micro USB Type B

Lens

Focal Length (mm)		3.54~6.69
Zoom Ratio	Optical	1.9x
Max Aperture Ratio (F number)	Wide	1.67
	Tele	2.64
Angular Field of View	Horizontal	96°~47°
	Vertical	51°~26°
	Diagonal	113°~54°
Min. Object Distance		1.5m(4.92ft)
Focus Control		Simple focus
Lens Type		Fixed iris

Pan / Tilt / Rotate

Pan / Tilt / Rotate Range	Pan	0°~355°
	Tilt	0°~78°
	Rotate	0°~180°

Operational

Day & Night		Auto(ICR)
Backlight Compensation		BLC, WDR, SSDR

Operational

Wide Dynamic Range (dB)		120
Digital Noise Reduction		WiseNR II (Based on AI engine), SSNR V
Motion Detection	Quantity	8ea
	Shape	8point Polygonal zones
Privacy Masking	Quantity	6ea
	Shape	4point Quadrangle zones
	Color / Option	Gray, Black, White
Gain Control		Low, Middle, High
White Balance		ATW, AWC, Manual, Indoor, Outdoor
LDC		Support
Electronic Shutter	Mode	Minimum, Maximum, Anti flicker, Prefer shutter control(Based on AI engine)
	Speed Range	1/5~1/12,000sec
Video Rotation		Flip, Mirror, Hallway view(90°/270°) - Each channel separately
Alarm Interface	Others	Support alarm I/O via optional I/O box
Alarm Triggers		Analytics, Network disconnect, Alarm input
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, Alarm output, Handover: PTZ preset, send message by HTTP/HTTPS/TCP
Audio In		Support via optional I/O box
Audio Out		Support via optional I/O box
Light Type		IR LED
Light Viewable Length	IR	15m(49ft), 25m(82ft) based on scene
IR Wavelength		850nm

Analytics

Classified Object Type		Person, Face, Vehicle, License plate
Attributes	Vehicle	Type(car, bus, truck, motorcycle, bicycle)
Thumbnail		BestShot
Analytics Events	Based on AI Engine	Object detection, Virtual line(Crossing/Direction), Virtual area(Loitering/Intrusion/Enter/Exit)
	Normal	Defocus detection, Motion detection, Tampering, Virtual area(Appear/Disappear)

Network

Ethernet	Metal shielded RJ-45(10/100/1000BASE-T)
Video Compression	H.265/H.264: Main/Baseline/High, MJPEG
Smart Codec	Manual, WiseStreamIII
Bitrate Control	H.265/H.264: CBR or VBR, MJPEG: VBR

Network

Streaming	Unicast	Up to 10 users
	Multicast	Support
	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	S, T
	Others	SUNAPI(HTTP API), Hanwha Vision Open Platform
Direct Cloud Connection		Support

Security

OS / Firmware Protect	Encrypted firmware, Secure boot, Signed firmware
User authentication	Digest authentication
Network authentication	IEEE 802.1X(EAP-TLS, EAP-LEAP, EAP-PEAP, MSCHAPv2)
Secure Communication	HTTPS, SRTP
Access Control	IP-based access control
Data Protect	Encryption credentials, Encrypt compress for live recording file export
Audit	Access / System / Event Log management
Device ID	Device certificate(Hanwha Vision Root CA)
Secure Storage	TPM(Trusted platform module), SDcard partition encrypt(AES-256)
Security Certificate	TPM 2.0 with FIPS 140-2 level2

General

Memory	RAM	4GB
	Flash	512MB
Edge Storage	Micro SD/SDHC/SDXC	Max. 512GB x 1slot

Environmental & Electrical

Operating Condition	Temperature	-40°C~+55°C(-40°F~+131°F)
	Humidity	0~95% RH(non-condensing)
Storage Condition	Temperature	-50°C~+60°C(-58°F~+140°F)
	Humidity	0~95% RH(non-condensing)
Input Voltage		PoE+(IEEE802.3at, Class4)
Power Consumption	PoE	Max. 21W, typical 16.5W

Mechanical

Color	White
Material	Aluminum, Hard-coated dome
RAL Code	RAL9003

Mechanical

Product Dimensions	215(W)x135(D)x93.2(H)mm(8.46x5.31x3.67")
Product Weight	1,330g(2.93lb)
Compatible Conduit Hole	12.7mm(1/2")(M20)
Compatible Gang Box	Single, Double, 4" Octagon, Square

Certifications & Standards

EMC	FCC 47 CFR 15 Subpart B Class A, ICES-3(A)/NMB-3(A), CE/UKCA - EN55032 Class A, EN 50130-4, 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 62471
Environment	IEC/EN 63000, IEC 60529 IP66, IEC 60529 IP67, IEC 62262 IK10, NEMA 250 type 4X

DORI (EN62676-4 standard)

Detect (25PPM/ 8PPF)	Wide	59.9m(196.62ft)
	Tele	153.1m(502.22ft)
Observe (63PPM/ 19PPF)	Wide	24.0m(78.65ft)
	Tele	61.2m(200.89ft)
Recognize (125PPM/ 38PPF)	Wide	12.0m(39.32ft)
	Tele	30.6m(100.44ft)
Identify (250PPM/ 76PPF)	Wide	6.0m(19.66ft)
	Tele	15.3m(50.22ft)

Hanwha Vision

PNM-C12083RVD

6MP x 2CH AI Multi-directional
Camera

CAD

4	PNM-12082RVD	'22.03.17
3	PNM-7082RVD	'22.03.17
2	PNM-C12083RVD	'22.03.17
1	PNM-C7083RVD	'22.03.17
No.	MODEL NAME	DATE
Unit:mm[inch]	SCALE:1/1	Hanwha Techwin