



CERTIFICATE OF APPROPRIATENESS PLACARD

for Raleigh Historic Resources

Project Description:

Install 4 security cameras; replace rear floodlight

306 Linden Ave

Address

Oakwood

Historic District

Historic Property

COA-0126-2023

Certificate Number

10/16/2023

Date of Issue

4/16/2024

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, _____

Erin Norton

Raleigh Historic Development Commission

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

Type or print the following:		
Applicant name: Abhinav Singhal		
Mailing address: 1217 Hunting Ridge Rd		
City: Raleigh	State: NC	Zip code: 27615
Date: 09/27/23	Daytime phone #: 213-984-7381	
Email address: id.abhinavsinghal@gmail.com		
Applicant signature: <i>Abhinav</i>		
<p>Minor work (staff review) – one copy</p> <p>Major work (COA committee review) – ten copies</p> <p style="padding-left: 40px;">Additions > 25% of building sq. footage</p> <p style="padding-left: 40px;">New buildings</p> <p style="padding-left: 40px;">Demolition of building or structure</p> <p style="padding-left: 40px;">All other</p> <p>Post approval re-review of conditions of approval</p>	<p style="text-align: center;">Office Use Only</p> <p>Transaction #: _____</p> <p>File #: <u>COA-0126-2023</u></p> <p>Fee: _____</p> <p>Amount paid: _____</p> <p>Received date: _____</p> <p>Received by: _____</p>	
Property street address: 306 Linden Ave, Raleigh, NC 27601		
Historic district: _____		
Historic property/Landmark name (if applicable): _____		
Owner name: Abhinav Singhal		
Owner mailing address: id.abhinavsinghal@gmail.com		

<p>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.</p>	
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 <input type="radio"/> No <input checked="" type="radio"/>	Office Use Only Type of work: <u>48</u> _____ _____
Did you consult with staff prior to filing the application? Yes <input type="radio"/> No <input checked="" type="radio"/>	

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).
1.3	Site Features	Addition of external security cameras
1.7	Lighting	Replacing existing motion sensor lighting

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 <u>04/16/2023</u> . 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) <u>Erin Martin Pugh</u>	Date <u>10/16/2023</u>

The intent here is to install security cameras to the front, sides, and the rear of the house. These cameras have been carefully selected to be put in locations where they won't be easily visible. Moreover, the body of the house is proposed to be painted in oyster white, and the body of these cameras is white too, which will gel with the color of the house and won't stand out.

There is a floodlight at the rear of the house, which we are not sure if it works. If it does, we will leave it as is; if it doesn't, then we will replace it with the model listed in the document uploaded under the images section.

Morton, Erin

From: Abhinav Singhal <id.abhinavsinghal@gmail.com>
Sent: Friday, October 6, 2023 3:36 AM
To: Morton, Erin
Cc: Kinane, Collette
Subject: Re: COA-0126-2023 (306 Linden Ave) - Minor Work
Attachments: COAA_Signed.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you verify that the attachment and content are safe. If you believe this email is suspicious, please click the 'Phish Alert' link in the banner to report this message.

Hi Erin,
The signed application is attached with this email.

As for your questions:

1. Security cameras:

The security cameras have dual lighting - there is IR (low light) and a white LED light. The IR light shows up to 98 ft and is a small red light that will be transparent to the neighbors. The white light is good for up to 32 ft of viewing distance and will be pointed where the cameras are. So, it will not be directly pointed into the neighbor's yard, however, they may see the light just as they would a porch light. The lights will be activated on motion and will turn off after the motion is gone. To summarize, the lights will not intrude or illuminate the neighbor's property.

2. Backyard light:

Q. Where are the lights proposed to point? -- The backyard only.

Q. Are the lights motion-detected? -- Yes.

Q. What is the color and brightness of the proposed lights? -- It's a two white halogen motion-activated flood light with timer. Two 150 watt medium base halogen bulbs would be used in this fixture. You may find more details about it here:

<https://www.lowes.com/pd/Utilitech-180-Degree-White-Halogen-Motion-Activated-Flood-Light-with-Timer/1000215673>

Let me know if you have any more questions.
Thanks.

Regards,
Abhinav

On Thu, Sep 28, 2023 at 5:04 PM Abhinav Singhal <id.abhinavsinghal@gmail.com> wrote:

Hi Erin,

Thanks for writing back. I'll sign the application and send it back to you along with the answers to the rest of the questions.

Regards,
Abhinav

On Thu, Sep 28, 2023 at 4:28 PM Morton, Erin <Erin.Morton@raleighnc.gov> wrote:

Abhinav,

Thank you for submitting a minor work COA. We need some additional information in order to consider the application complete. To start, please sign the COA application form.

Our remaining questions are about the proposed rear floodlight and the built-in light components of the security cameras only. Where are the lights proposed to point? Are the lights motion-detected? What is the color and brightness of the proposed lights? Please provide confirmation that the all proposed site lighting components will not illuminate or intrude on neighboring property. We are specifically trying to determine if the work request meets [Design Guideline 1.7.6](#) (pg. 31 of the PDF). Please also be aware of the [Raleigh UDO Article 7.4 – Site Lighting](#) and ensure that the installation will be in compliance

Please let us know if you have any questions. Thank you.

Best,

Erin

Erin Morton Pugh (she/her)

Senior Preservation Planner

City of Raleigh

Planning and Development

Historic Preservation Unit

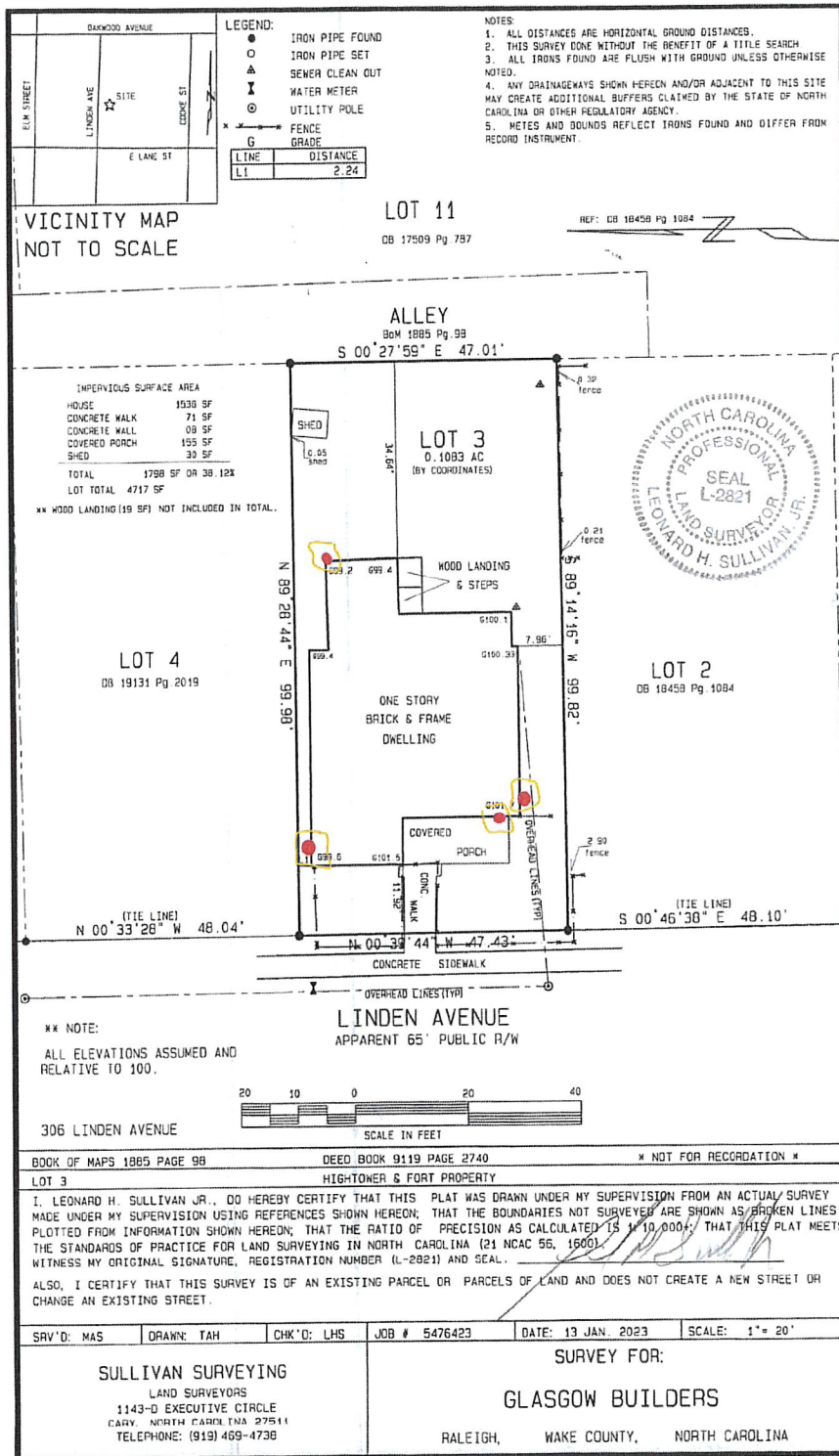
One Exchange Plaza | Suite 300

Raleigh, NC 27601

(p) 919-996-2632

raleighnc.gov

The red dot represents the location of the security cameras:











The following camera model is proposed to

SMART Series Network Turret Cameras

TP-MEAD4M28 | TP-MEAD8M28

4 or 8MP | Fixed Lens | Dual-Light | Active Deterrence

TURING

Page 1 of 3



Turing CORE AI cloud VSaaS-ready
w/ SMART Series NVR & bridge



People & vehicle detection
on the edge



White & IR dual LED lights



Active audible deterrence
w/ built-in microphone and speaker



NDAA compliant



Up to 10-year extended warranty
with CORE AI license

Fast & Easy Security Workflow with CORE AI License



People* & vehicle attribute search



License plate recognition
with black- and whitelists



Customized smart alerts anywhere
using Vision apps

be installed at the house:

SMART Series Network Turret Cameras

TP-MEAD4M28 | TP-MEAD8M28

4 or 8MP | Fixed Lens | Dual-Light | Active Deterrence

TURING

Page 2 of 3

SPECIFICATIONS

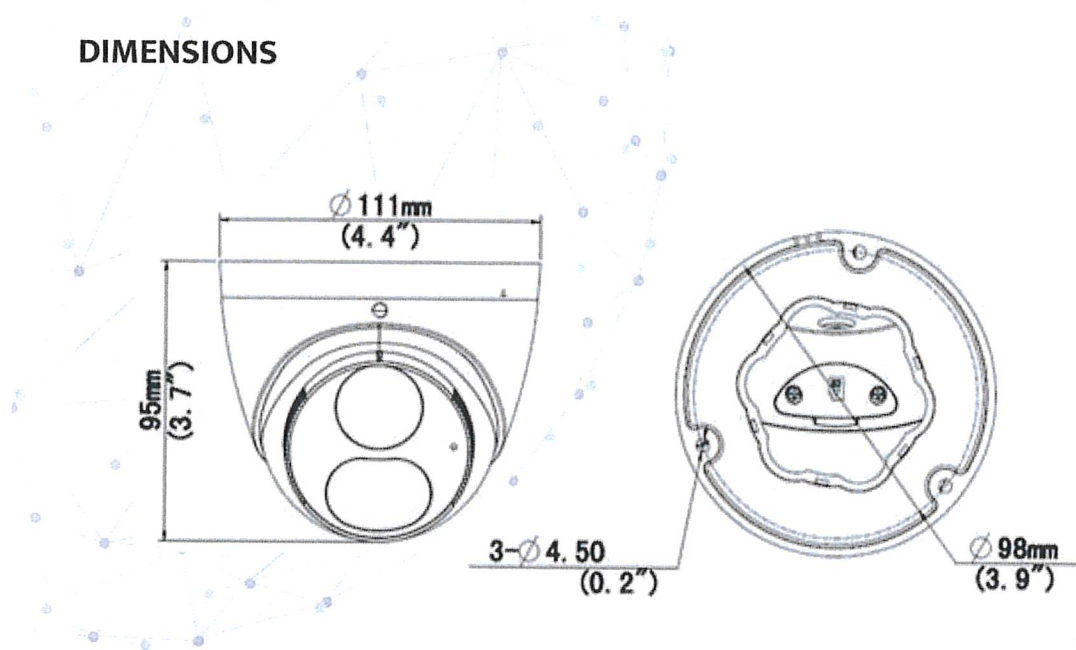


Model Number	TP-MEAD4M28	TP-MEAD8M28
Sensor	1/2.7" 4MP 16:9 Progressive Scan CMOS	1/2.8" 8MP 16:9 Progressive Scan CMOS
Minimum Illumination	Color: 0.002 Lux (F1.6, AGC on); 0 Lux with IR on; IR-cut filter with auto switch	Color: 0.0025 Lux (F1.6, AGC on); 0 Lux with IR on; IR-cut filter with auto switch
Lens	2.8 mm fixed lens; F1.6	
Field of View	H: 101.1°; V: 55.3°; D: 111.1°	H: 106.7°; V: 57.1°; D: 115.7°
Manual Angle Adjustment	Pan: 0°~360°; Tilt: 0°~80°; Rotate: 0°~360°	
Supplemental Lights	IR: Up to 98 ft (30m); Visible white light: Up to 32 ft (10m)	
Video Encoding	Ultra 265, H.265, H.264, MJPEG	
Max Video Resolution & Frame Rate	Main Stream: 2688*1520 @ 30 FPS Sub Stream: 1280*720 @ 30 FPS Third Stream: 720*576 @ 30 FPS	Main Stream: 3840*2160 @ 20 FPS Sub Stream: 1920*1080 @ 30 FPS Third Stream: 720*576 @ 30 FPS
Digital Processing	120 dB wide dynamic range (WDR); 2D & 3D digital noise reduction; defog	
On-Screen Display & Masking	Up to 8 on-screen text fields; up to 4 privacy masks	
Image Flip & Rotation	Normal / Vertical / Horizontal / 180° / 90° Clockwise / 90° Counterclockwise	
Event Handling	Basic: motion detection, tampering alarm, audio detection; Intelligent: cross Line, intrusion, enter area, with people, vehicle, and non-motor vehicle classifications	
Audio	On-board microphone and speaker; G.711; 64 Kbps; 8 KHz; noise suppression available	
Cloud VSaaS Integration	Turing Vision, with SMART Series NVR, Bridge, and CORE AI license	
Software Clients	Turing Vision mobile & desktop APP; SMART Station	
ONVIF Compatibility	Profiles S, G, T	
Network Interface	1 * RJ45 10M/100M Base-TX Ethernet	
Onboard Storage	microSD (not included), up to 256 GB	
Reset Button	Not Available	
Power & Protection	DC 12V±25%, PoE (IEEE 802.3af); up to 7.5W; 4KV Surge Protection	DC 12V±25%, PoE (IEEE 802.3af); up to 10.5W; 4KV Surge Protection
Dimensions & Weight	Φ4.4" x 3.7" (Φ111 x 95mm); 0.948lb (0.43kg)	Φ4.4" x 3.7" (Φ111 x 95mm); 1.058lb (0.48kg)
Temperature & Humidity Ratings	Working: -22°F ~ 131°F (-30°C ~ 55°C), Humidity: ≤95% RH (non-condensing) Storage: -22°F ~ 131°F (-30°C ~ 55°C), Humidity: ≤95% RH (non-condensing)	
Certifications	FCC, UL, CE	
Environmental Protection	IP67	

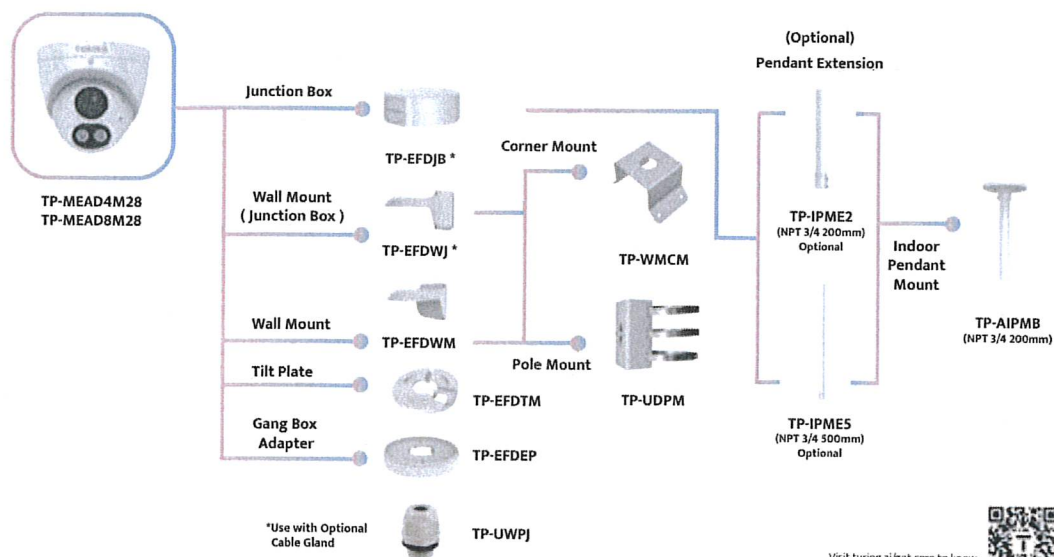
ORDERING INFORMATION

Resolution	Camera Only	Add 1-Yr License	Add 3-Yr License	Add 5-Yr License	Add 10-Yr License
4MP	TP-MEAD4M28	TV-CORE1Y	TV-CORE3Y	TV-CORE5Y	TV-CORE10Y
8MP	TP-MEAD8M28	TV-CORE1Y	TV-CORE3Y	TV-CORE5Y	TV-CORE10Y

DIMENSIONS



MOUNTING ACCESSORIES



Visit turing.ai/get-core to know more about CORE AI



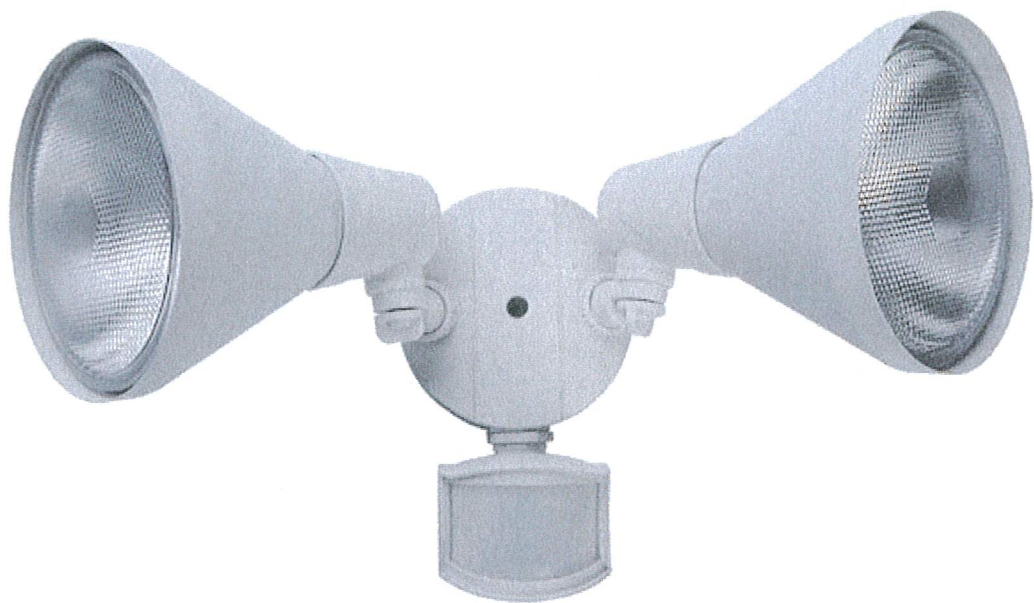
This section shows the photos of an existing light at the rear of the house:



Same light with a different angle:



The intent here is to use this light if it works, else replace it with the following model:



<https://www.lowes.com/pd/Utilitech-180-Degree-White-Halogen-Motion-Activated-Flood-Light-with-Timer/1000215673>

Dimensions			
Depth (Inches)	6.61	Weight (lbs.)	2.43
Height (Inches)	7.48	Width (Inches)	16.34



Adjustable Detection Sensitivity	Yes	Material	Aluminum
Adjustable Lamp Head	Yes	Mounting Type	Wall
Bulb Type	Halogen	Number of Light Heads	2
Bulb(s) Included	No	Package Quantity	1
Degree of Motion Detection	180	Power Source	Hardwired
Detection Range (Feet)	70	Recommended Light Bulb Shape	PAR38
Dimmable	No	Timer Included	Yes
Dual Detection Zone	No	Two-Level Lighting	No
IPX Rating	4 (splashing water)	Volts	120
Light Bulb Base Type	Medium base (E-26)	Water Resistant	No
Lowe's Exclusive	Yes	Wattage (Watts)	300
Lumens	0	Wattage Equivalent	300