



Arlington Historic District Commissions

Application for Certificate

(Read attached instructions before completing form)

For Commission Use Only:	
Date Rec:	_____
Hearing Date:	_____
Certificate #:	_____
Monitor:	_____

Certificate Requested:

- Appropriateness** – for work described herein
 - Minor project Major Project Demolition
- Non-Applicability** – for the following reason(s):
 - Not subject to public view
 - Maintenance, repair, or replacement using same design and materials
 - Proposed change specifically excluded from review under Bylaw
 - Other: Attachment to existing utility pole in the ROW
- Hardship** – financial or otherwise and does not conflict substantially with the intent and purposes of the Bylaw

General Information:

Property Address 16 Central St., Pole on Bacon St side [Pole #806/0] District Central Street District
 Owner(s) Verizon Telephone / Eversource Email Matt.D.Gougen@verizon.com
 Owner's Phone (h) VZT - 857-415-5150 (w) Evs - 781-441-8162 (fax) _____
 Owner's Address VZT - 6 Bowdoin Sq., 6th Fl., Boston, MA 02114 / Evs - 247 Station Dr., SE280, Westwood, MA 02090
 Applicant (if not Owner) Nexius on behalf of Verizon Wireless
 Applicant's Phone (h) 978-235-6131 (w) _____ (fax) _____
 Applicant's Address 300 Apollo Dr., Suite 7, Chelmsford, MA 01824
 Applicant's Relationship to Owner _____

Contractor _____ Phone _____
 Architect Nexius Phone 978-923-7965

Dates of Anticipated Work: Start 5/9/2022 Completion 5/16/2022

Description of Proposed Work: (attach additional pages as necessary) Please include a description of how the proposed work (if a change or addition) is historically and architecturally compatible with the building and the District as a whole.

Attach 3 antennas with built in RRUs, meter, disconnect, and associated cabling to an existing pole located in the ROW

Required Documentation Acknowledgement: (see attached instructions)

I acknowledge that I am required to provide supporting documentation, including the attached "Supporting Documents Checklist", by the deadlines indicated in the instructions. I understand that if such documents are not provided in a timely manner, this application will be considered to be incomplete and Commission action may be delayed.

I have read the attached instructions and, to the best of my knowledge, the information contained in this application is accurate and complete. I also give permission for members of the AHDC to access the property for the purpose of reviewing this application and work done under any certificate issued to me.

Owners Signature(s): Please see attached licenses from Eversource Date: 9/30/2021

Application Information and Instructions

REVIEW DESIGN GUIDELINES AND CONTACT THE COMMISSION BEFORE YOU BEGIN ANY EXTERIOR WORK WITHIN AN HISTORIC DISTRICT: Property owners in an Historic District are required to obtain a certificate from the Commission prior to starting any exterior work on buildings or structures. Applicants are encouraged to review the Commission's Design Guidelines (available at the Commission website) prior to filing an application. Once an application is received, a formal public hearing will be scheduled to consider the application, public notice will be published, and abutters and interested parties will be notified. Please note that, by Town Bylaw, the building department cannot issue a building permit for exterior work or demolition without the necessary certificate from this Commission. Anyone contemplating exterior work should contact the Commission's Executive Secretary. Property owners are encouraged to present preliminary plans to individual Commissioners or at informal Commission hearings to better understand Commission requirements.

Types of Certificates:

Certificate of Appropriateness – Required for exterior alterations and new construction that are subject to public view unless specifically exempted by the Bylaw.

Minor Projects: doors, windows, skylights, lighting fixtures, walls, fences, HVAC and electrical equipment, gutters, and other small additions or modifications.

Major Projects: new structures, additions, projections, solar panels, and significant modifications to exterior elevations or roofs.

Demolition Projects: removal of any existing structure or portion thereof in a Historic District.

Certificate of Non-Applicability – Issued for matters that are specifically excluded from AHDC review.

Certificate of Hardship – Issued when the denial of a Certificate would constitute a hardship, financial or otherwise, on the property owner and if the proposed work does not conflict substantially with the intent and purposes of the Bylaw. Approval of a Certificate of Hardship requires detailed documentation of specific hardship to an individual property owner.

Required Documentation: At a minimum, an application for a Certificate of Appropriateness or Hardship requires the documentation specifically listed on the attached "Supporting Documentation Checklist". A Certificate of Non-Applicability requires documentation of existing conditions and proposed changes. The Commission requires one set of the documentation (preferably electronic) by the deadlines described below and seven printed sets at the hearing (3 printed sets for minor projects). A copy of the signed checklist, with the appropriate boxes checked off, must be submitted with the documentation. An application will be deemed incomplete until the required documentation has been received and reviewed by the Commission. In an emergency, required documentation can be presented at the formal hearing, however, this may delay action on the application. Based on the complexity or unique nature of a particular project, the Commission may, as allowed by law, require additional information. Failure to provide sufficient documentation could delay approval or be cause for a negative determination.

Application Deadlines: The Commission typically meets on the fourth Thursday of each month (third Thursday in November and December) at the Whittemore-Robbins House, 670R Massachusetts Avenue (behind the Robbins Library). To allow for the publishing of legally required notices prior to individual hearings, Applications must be received approximately four weeks prior to the Commission hearing date. Specific deadlines for each hearing can be obtained from the Commission's Executive Secretary. All required documentation must be provided to the Commission for its review by the following deadlines:

Minor Projects: 7 calendar days prior to scheduled hearing

Major Projects or Demolition: 14 calendar days prior to scheduled hearing

In most cases, failure to meet these deadlines will delay scheduling of a formal hearing until the following month.

Upon approval of an application at a formal hearing, a certificate will be issued approximately one week from the date of the hearing and a copy will be sent to the Building Inspector to allow issuance of a permit.

Contact Information: Additional information is available at: arlingtonhistoricdistrict.com. Inquiries, applications, and supporting documentation should be directed to Carol Greeley, Executive Secretary, ahdc@town.arlington.ma.us, (781) 316-3265, or c/o Dept of Planning and Community Development, Town Hall Annex - First Floor, 730 Massachusetts Ave., Arlington, MA 02476. Any additional questions can be addressed to the Commission's Chair Stephen Makowka at ahdcchair@town.arlington.ma.us.

ARLINGTON HISTORIC DISTRICT APPLICATION

Supporting Documentation Checklist

Property Address 16 Central St. Pole on Bacon St. side [Pole #806/0] District Central Street District
 Applicant's Name Nexius on behalf of Verizon Wireless Email Haleluya.Haile@nexius.com
 Applicant's Phone (Day) 978-235-6131 (Mobile) _____

For Minor Projects or Certificate of Non-Applicability

Drawings (11x17 max., with graphic scale, dimensioned, all materials identified) or marked up Photographs (8x10)

Existing conditions of historic façade(s) to be modified; Show location of proposed work; Show proposed feature(s); Elevations showing proposed work and context; Drawing showing location of proposed work; Drawing showing the proposed feature(s); Site plan for site located equipment and features

Manufacturer's literature and specifications sheets describing the proposed feature(s)

Description of how the proposed work is either compatible with the District or Non-Applicable

For Major Projects

Photographs (8x10)

Existing conditions of historic structure to be modified (facades, roofs, neighboring buildings); Site; Neighborhood context; Historic precedents for proposed work

Drawings (11x17 max., with graphic scale, must show differentiated existing and proposed conditions, dimensions, and all materials identified)

Plans

Site (showing proposed structures, fences, walls, parking, HVAC equipment, electrical equipment, and relationship to adjacent roads, neighboring buildings); Each floor; Roof (showing valleys, hips, ridges, dormers, skylights, chimneys, vents, HVAC equipment, solar panels)

Elevations of building facades- identify:

Foundation; Siding; Trim; Gutters; Downspouts; Shutters; Railings; Stairs; Windows; Doors; Roof materials; Roof pitch; Chimneys and vents; Masonry; Light fixtures; Solar panels; HVAC equipment; Electrical equipment; Fences; Signage

Wall sections (especially showing projecting features such as bays, balconies, porches, additions)

Relevant exterior detail drawings (architectural trim, eaves, doors, windows, caps, columns, vents, rail systems)

Profile drawings (window and door elements, railings, balusters, stairs, shutters, roof trim, corner boards, casings, water tables, skirts, frieze boards, and all other trim)

For projections, additions and new construction also include:

Neighborhood lot plan- include footprint to lot area ratio as well as that of neighboring lots; Plot plan- existing building(s), setbacks, proposed new structures; Site section (show relationship to site topography, adjacent structures, major landscape features, roads)

Manufacturers' literature and specification sheets describing the proposed components

Suggested Supporting Submittals: Model; Physical Samples

Description of how the proposed work is compatible with the District.

For Demolition

Statement of current state of existing structure and reason for demolition

Statement of the historic significance of the structure

Site Documentation (including Plot plan; Photographs of existing conditions; List existing materials; Year built; Original architect)

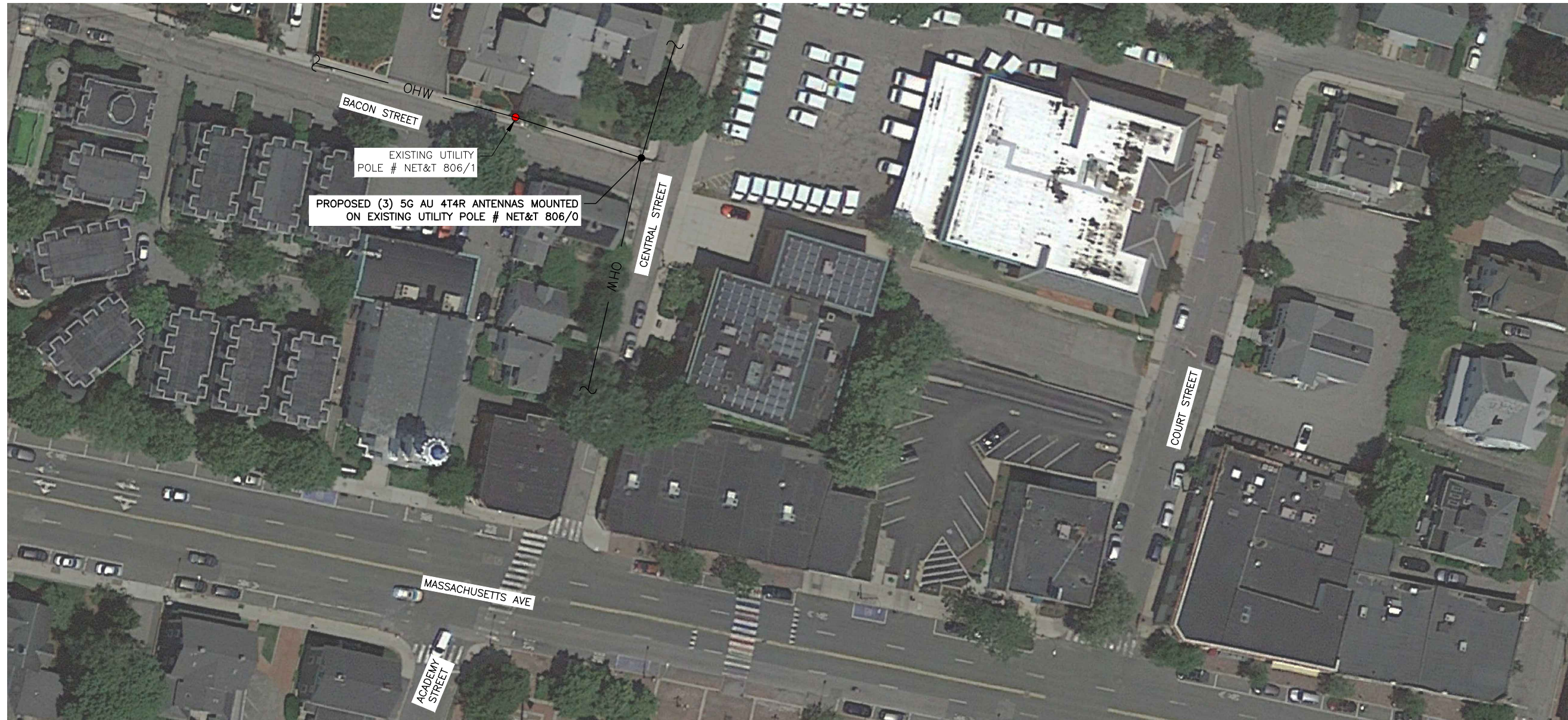
Other provided documentation not described above (please list on a separate attached sheet).

Applicants Signature(s): Nexius on behalf of Verizon Wireless Haleluya Haile Date: 9/30/2021



BOS_ARLINGTON_032_MA

UTILITY POLE # NET&T 806/0
 16 CENTRAL ST
 POLE ON BACON ST
 ARLINGTON, MA 02476



SITE CONTROL POINT:
 CENTER OF EXISTING UTILITY POLE:
 42.416916" (42° 25' 00.9" N)
 -71.156511" (71° 09' 23.4" W)
 GROUND ELEVATION: 52'± AMSL

1 LOCATION PLAN/AERIAL IMAGE
 SCALE: 3/16" = 1'-0"

SHT NO:	DESCRIPTION	REV NO:	REVISION DATE:
LE-1	LOCATION PLAN/AERIAL IMAGE	0	4/13/20
LE-2	UTILITY POLE PHOTOGRAPH AND ELEVATION	0	4/13/20
LE-3	ANTENNA & ANCILLARY EQUIPMENT ORIENTATION PLANS AND MOUNTING DETAILS	0	4/13/20
LE-4	ANTENNA DETAIL AND ONE LINE DIAGRAM	0	4/13/20



118 FLANDERS ROAD
 WESTBOROUGH, MA 01581



PRACTICAL SOLUTIONS. EXPERTISE. SERVICE.
 Tectonic Engineering & Surveying Consultants P.C.
 70 Pleasant Hill Road Phone: (949) 534-5959
 P.O. Box 37 Phone: (603) 829-6531
 Mountville, NY 10953 www.tectonicengineering.com
 Project Contact Info
 56 British American Blvd.
 Suite 101
 Latham, NY 12110 Phone: (518) 783-1630

WORK ORDER NUMBER 10389.032 DRAWN BY TLS

NO.	DATE	ISSUE
0	4/13/20	FOR COMMENT



SITE INFORMATION

BOS_ARLINGTON_032_MA
 FUZE PN: 16046951
 LC: 596516
 POLE # NET&T 806/0

SITE ADDRESS

16 CENTRAL ST
 POLE ON BACON ST
 TOWN OF ARLINGTON
 MIDDLESEX COUNTY
 MA 02476

SHEET TITLE

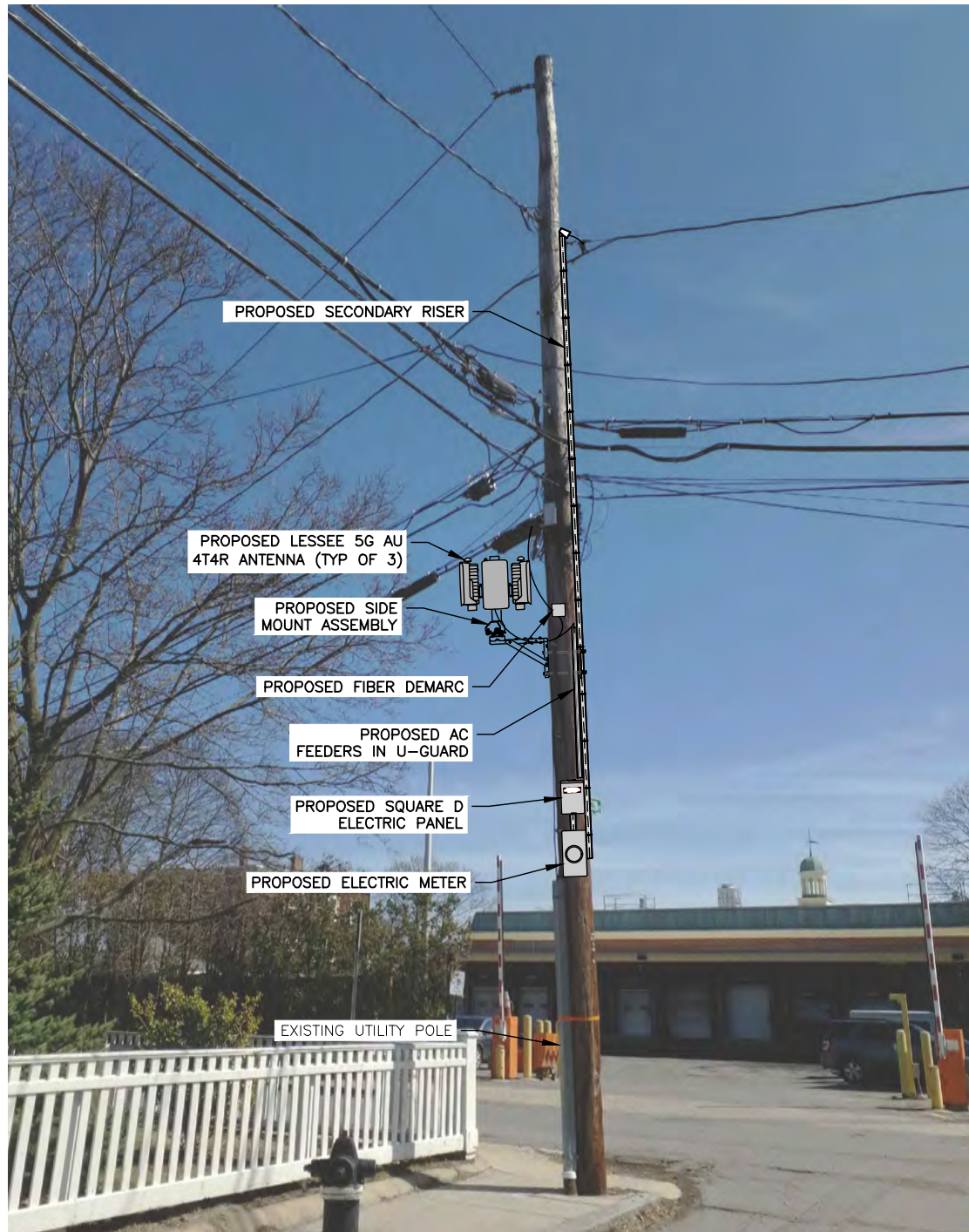
LOCATION PLAN/
 AERIAL IMAGE

SHEET NUMBER

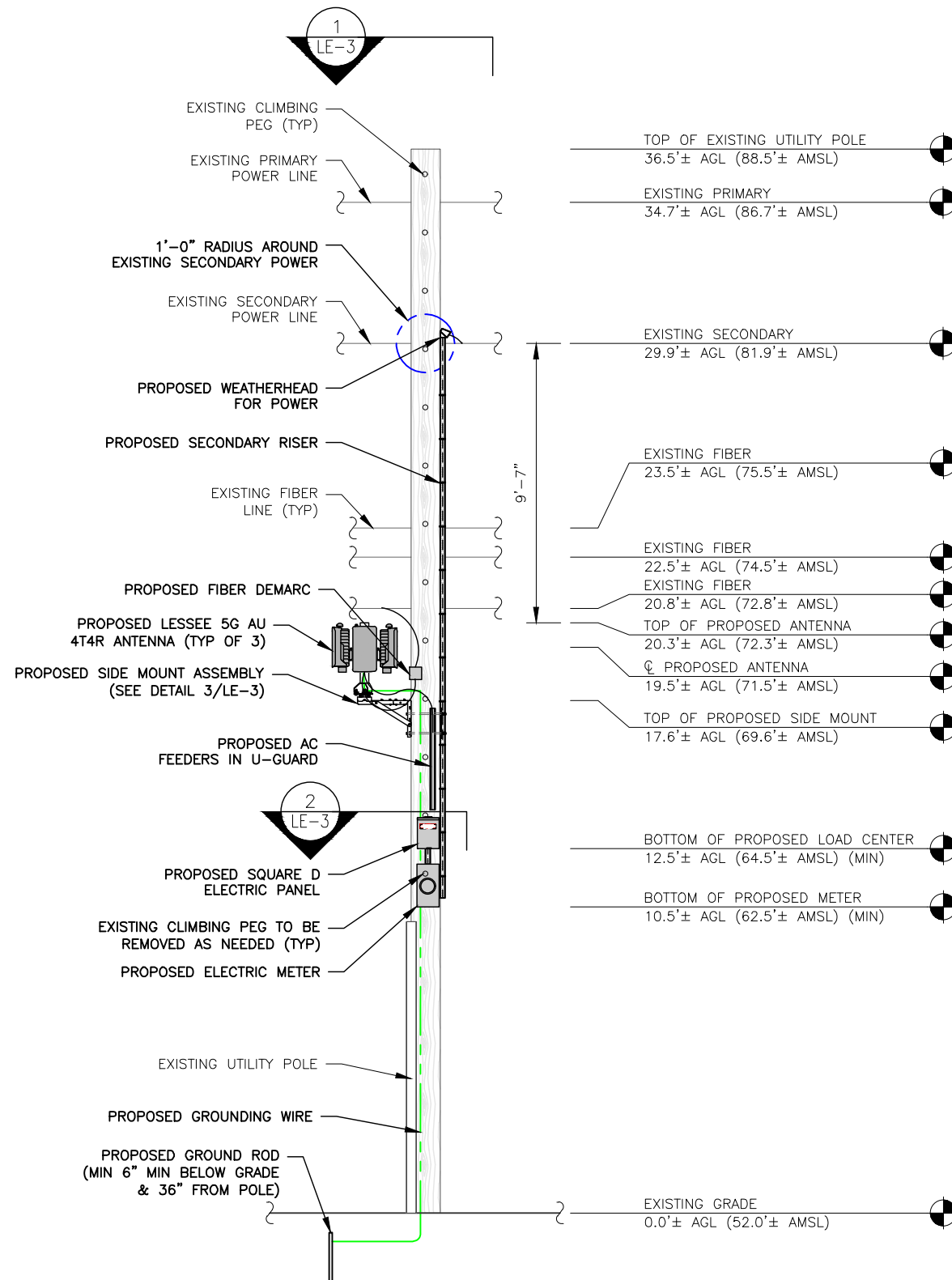
LE-1

5
GENERAL NOTES

1. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION, SIZE AND ORIENTATION OF THE PROPOSED WIRELESS TELECOMMUNICATIONS EQUIPMENT INSTALLATION ON THE UTILITY POLE AND ARE NOT SPECIFICALLY INTENDED FOR CONSTRUCTION.
2. LESSEE SHALL PLACE WEATHER RESISTANT PHENOLIC PLACARDS ON UTILITY POLE AND ANCILLARY EQUIPMENT TO IDENTIFY EQUIPMENT OWNERSHIP & CONTACT INFORMATION TO BE UTILIZED IN THE CASE OF EMERGENCY.
3. AN ANALYSIS OF THE CAPACITY OF THE EXISTING UTILITY POLE TO SUPPORT THE PROPOSED LOADING HAS NOT BEEN COMPLETED BY TECTONIC ENGINEERING & SURVEYING CONSULTANTS, P.C. AND THUS, THESE DRAWINGS ARE SUBJECT TO CHANGE PENDING THE OUTCOME OF A STRUCTURAL ANALYSIS (TO BE PERFORMED BY OTHERS).
4. VERIZON WIRELESS GENERAL CONTRACTOR SHALL EXTEND EFFORTS TO ENSURE THAT ALL PROPOSED EQUIPMENT MEETS THE REQUIREMENT OF THE EXISTING UTILITY COMPANY OR COMPANIES CURRENTLY OCCUPYING THE UTILITY POLE AND THE 2017 NATIONAL ELECTRICAL SAFETY CODE.



1
LE-2 UTILITY POLE PHOTOGRAPH (EXISTING CONDITIONS)
SCALE: 3/16" = 1'-0"



2
LE-2 UTILITY POLE (PROPOSED CONDITIONS)
SCALE: 3/16" = 1'-0"

verizon

118 FLANDERS ROAD
WESTBOROUGH, MA 01581

Tectonic

TECTONIC ENGINEERING & SURVEYING CONSULTANTS P.C.
70 Pleasant Hill Road Phone: (949) 534-5959
P.O. Box 37 Phone: (603) 829-6531
Mountville, NY 10953 www.tectonicengineering.com
Project Contact Info
36 British American Blvd.
Suite 101
Latham, NY 12110 Phone: (518) 783-1630

WORK ORDER NUMBER 10389.032 DRAWN BY TLS

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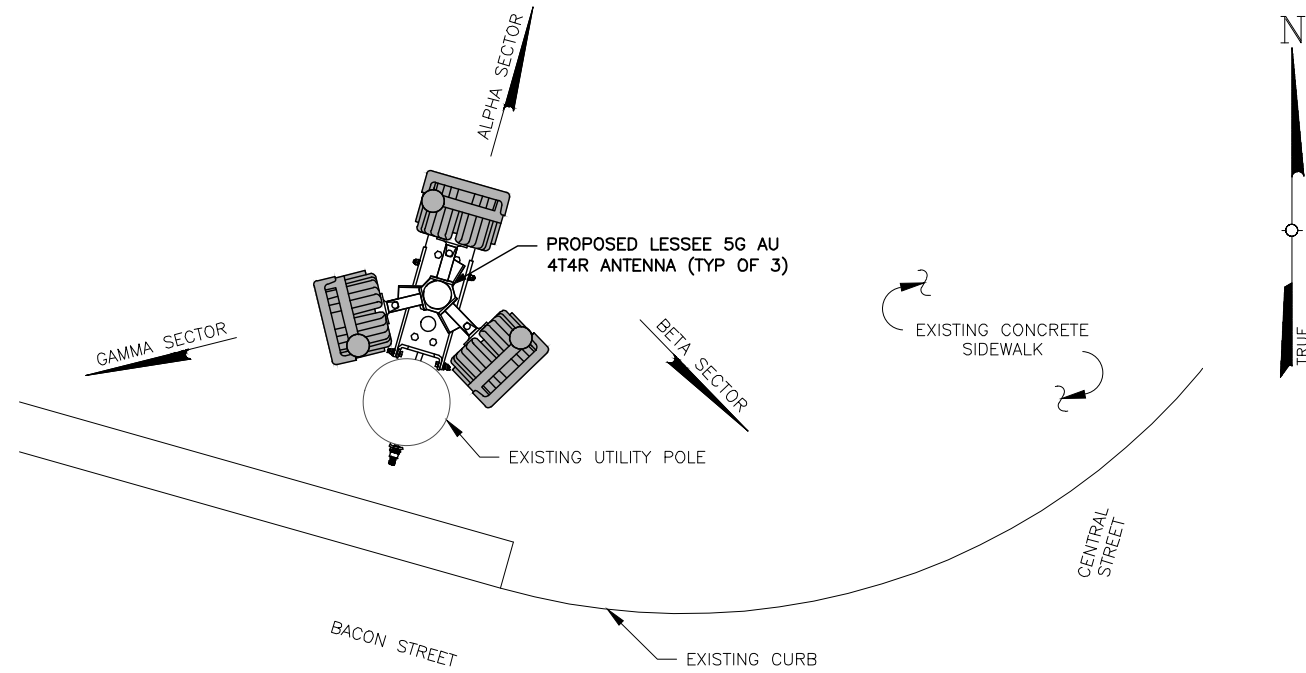


SITE INFORMATION
BOS_ARLINGTON_032_MA
FUZE PN: 16046951
LC: 596516
POLE # NET&T 806/0

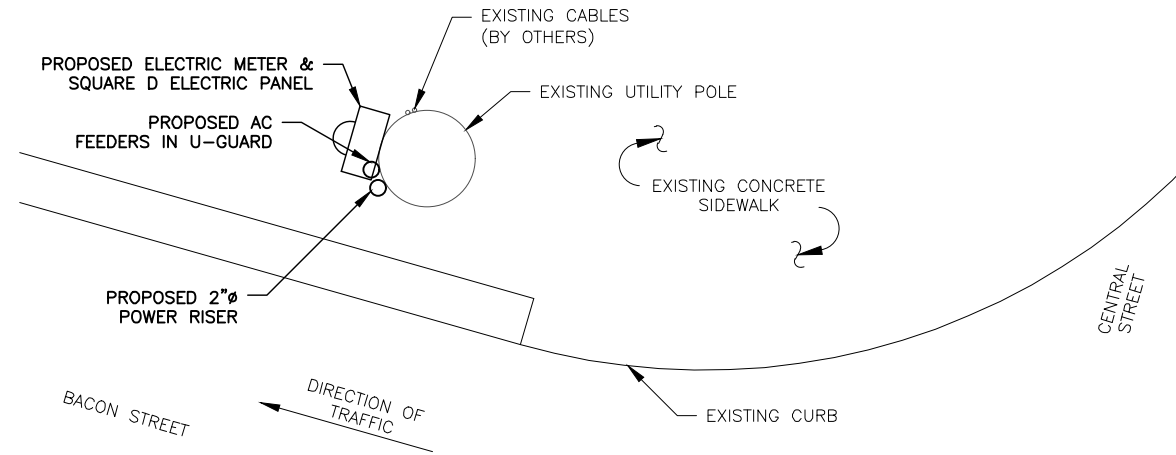
SITE ADDRESS
16 CENTRAL ST
POLE ON BACON ST
TOWN OF ARLINGTON
MIDDLESEX COUNTY
MA 02476

SHEET TITLE
UTILITY POLE
PHOTOGRAPH AND
ELEVATION

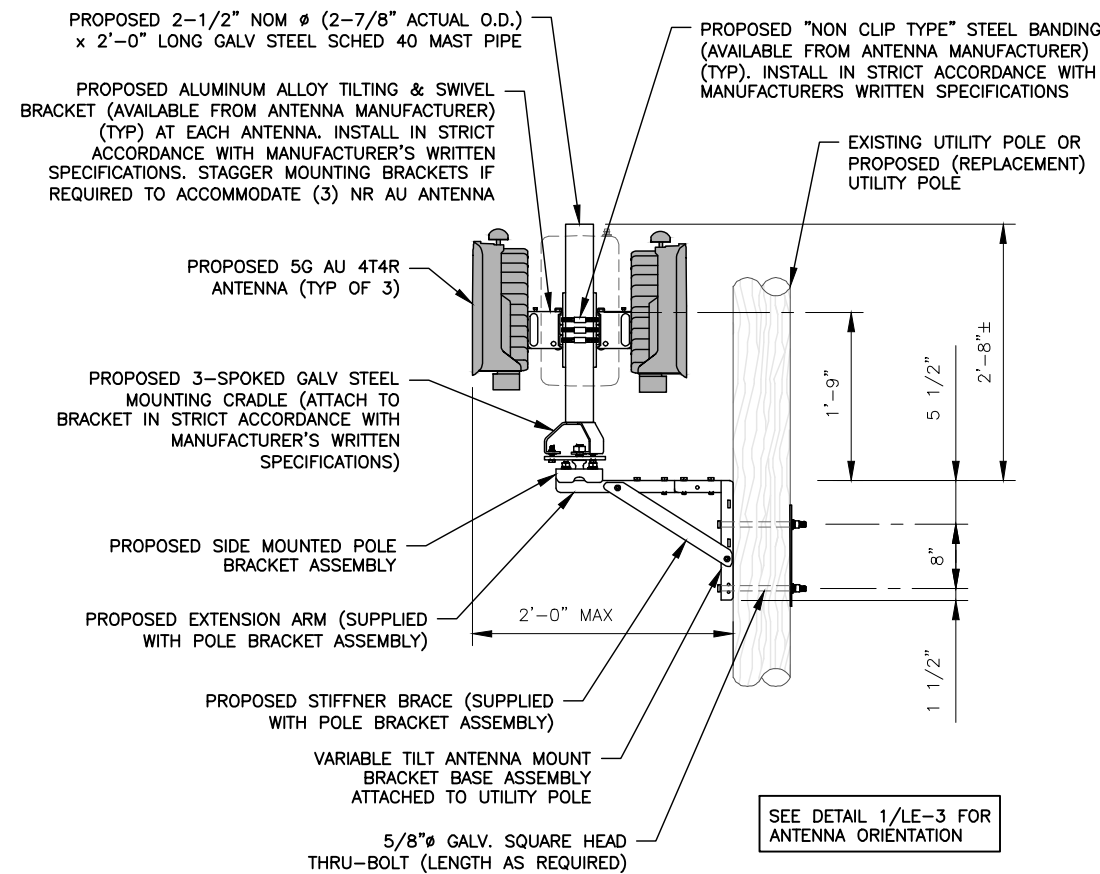
SHEET NUMBER
LE-2



1 ANTENNA ORIENTATION PLAN
LE-3 SCALE: 1/2" = 1'-0"



2 ANCILLARY EQUIPMENT ORIENTATION PLAN
LE-3 SCALE: 1/2" = 1'-0"



3 ANTENNA SIDE MOUNT DETAIL
LE-3 SCALE: 1/2" = 1'-0"



118 FLANDERS ROAD
WESTBOROUGH, MA 01581



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NO. DATE ISSUE
0 4/13/20 FOR COMMENT

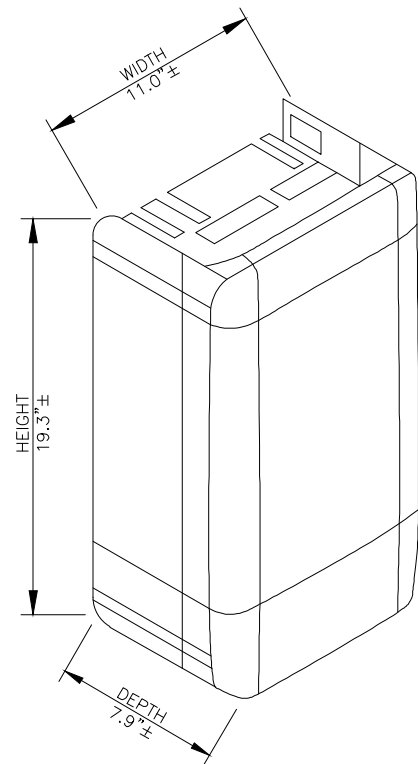


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MA 02476

SHEET TITLE
ANTENNA & ANCILLARY
EQUIPMENT
ORIENTATION PLANS
AND MOUNTING DETAIL

SHEET NUMBER
LE-3

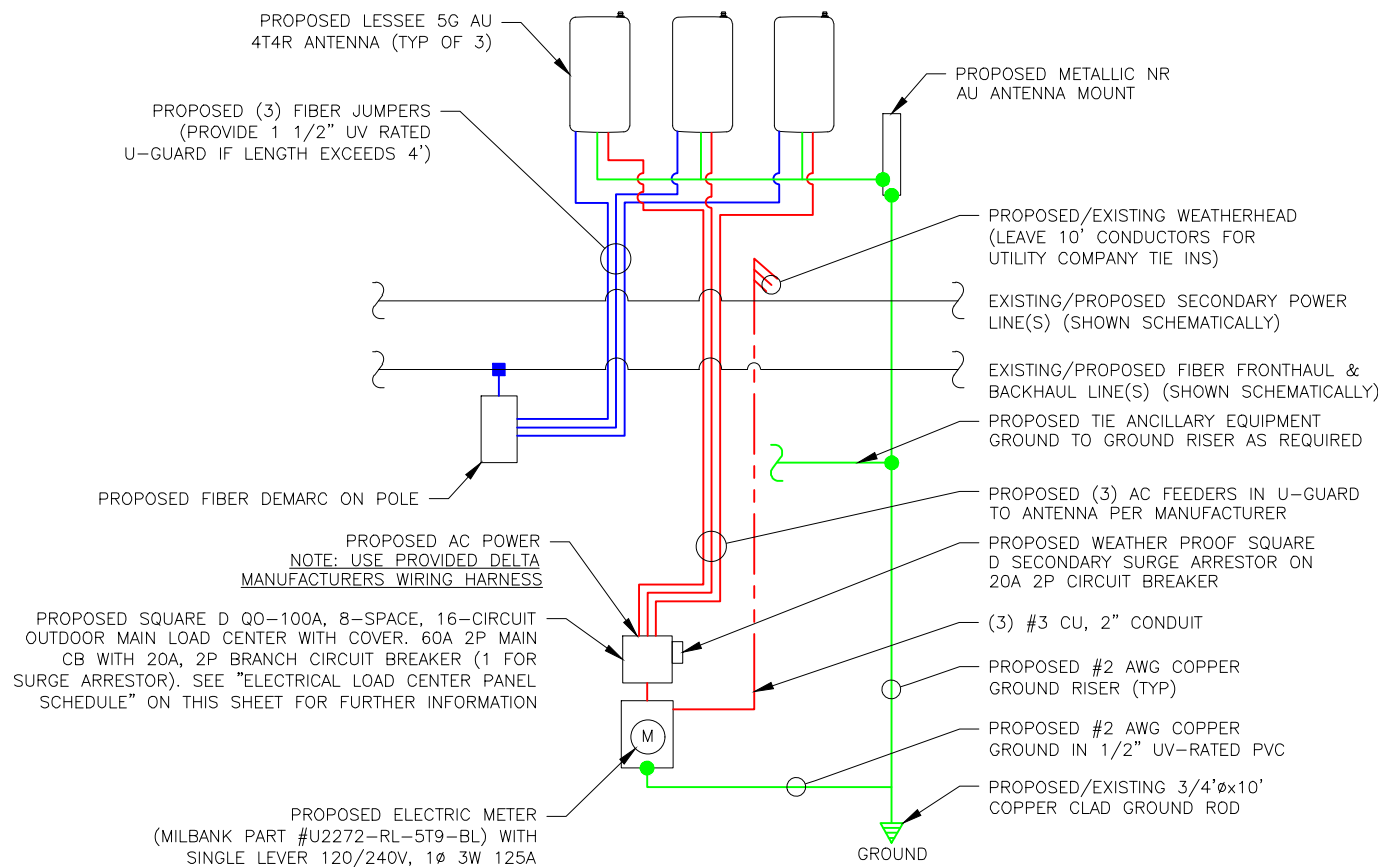


TYPICAL ANTENNA	
DIMENSION:	19.3"±H x 11.0"±W x 7.9"±D
WEIGHT:	38.0± LBS EACH

1 TYPICAL ANTENNA
LE-4 SCALE: NTS

CKT #	1	2	3	4	5	6	7	8
DESCRIPTION	NR AU ANTENNA	BLANK	BLANK	BLANK	BLANK	BLANK	BLANK	SURGE ARRESTOR
AMP	20	-	-	-	-	-	-	20

2 SQUARE D ELECTRIC PANEL SCHEDULE
LE-4 SCALE: NTS



ONE-LINE DIAGRAM NOTES:
 1) PROVIDE WEATHER TIGHT SEAL CONNECTOR ON ALL CONNECTIONS EACH SIDE OF ENCLOSURE HOUSING.
 2) COORDINATE ANY FURTHER MISCELLANEOUS WIRING AND CONDUIT REQUIREMENT WITH VERIZON WIRELESS AND ELECTRIC COMPANY

LEGEND	
BLUE	FIBER BUNDLE/JUMPER
RED	AC POWER
GREEN	GROUND

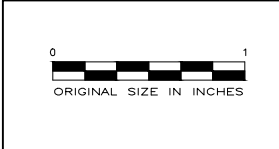
3 FIBER/ELECTRIC ONE-LINE DIAGRAM
LE-4 SCALE: NTS

verizon
 118 FLANDERS ROAD
 WESTBOROUGH, MA 01581

Tectonic
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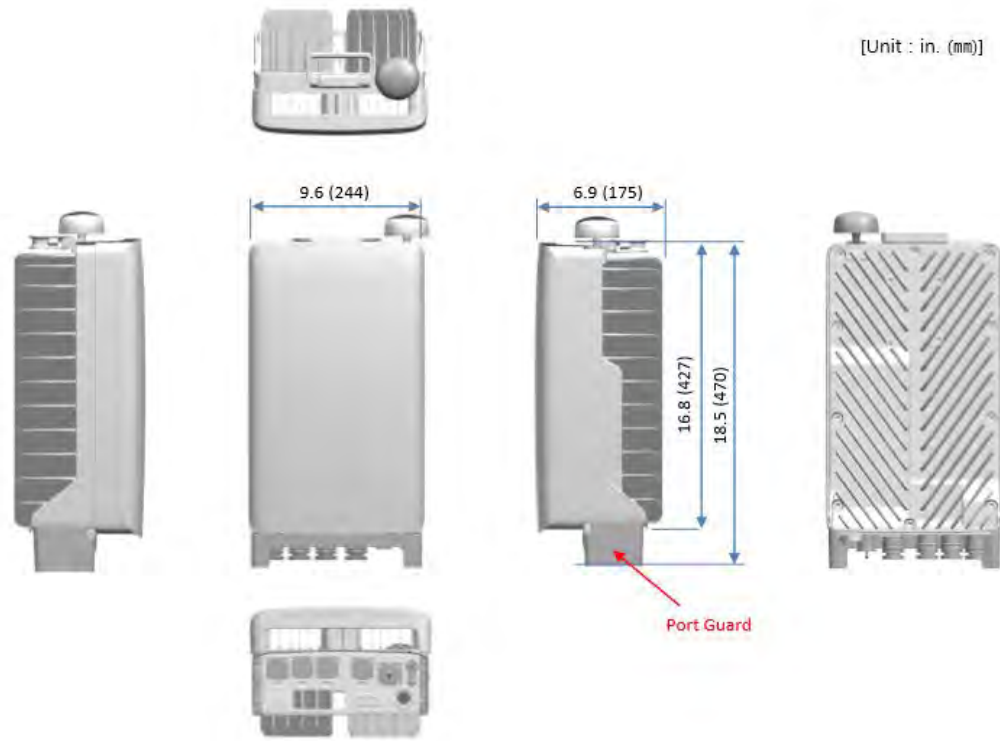
SHEET TITLE
 ANTENNA DETAIL AND
 ONE LINE DIAGRAM

SHEET NUMBER
 LE-4

5G NR AU (AT1K01) Product Specifications

	28GHz	39GHz
Integrated AU		
Operating frequency	26.5 ~ 29.5GHz	37 ~ 40GHz
IBW/OBW	850MHz/800MHz	1.4GHz/800MHz
EIRP	60dBm	59dBm
Antenna Gain	25dBi	24dBi
Tx/Rx	4T4R	
Antenna Elements	1,024	
Beam Scan Range	120H / 40V	
Size/Weight	9.6 x 16.8 x 6.9 in (18.1L) / 15.0Kg (33lbs)	
Input Power	-48VDC / 100 ~ 240VAC	
Power Consumption	362W	
Midhaul (gNB-CU Interface)	10G Optic x 2 ports	
Installation	Outdoor Pole/Wall Mount	
Clock Synchronization	GPS and IEEE 1588v2	
Operating Temperature	-40 deg C to +55 deg C with solar load	
Cooling	Natural Convection	

Appearance



Town of Arlington
Arlington Historic District Commissions
730 Mass Avenue
Arlington, MA 02476

Re: Arlington Historic District Commissions Application for Certificate of Non-Applicability

- **Description of how the proposed work is either compatible with the District or Non-Applicable**

The proposed project is an installation of a small wireless antenna and associated equipment (“small cell”) on an existing utility pole in the public right of way near 16 Central Street, Pole on Bacon St side. The installation will resemble other utility equipment in size and color already seen on utility poles within the district and therefore is compatible with the district. There will be no ground disturbance or ground-based facilities. There will be no modifications or changes to any historical structure, building or residence. The distinctive characteristics of the district will not be affected. This proposed project is consistent with federal law requirements found in FCC Declaratory Ruling and Third Report and Order: Accelerating Wireless Broadband Deployment by Removing Barriers to Infrastructure Investment, WT Docket No. 17-79 (September 26, 2018), as well as Massachusetts state law, M.G. L. c. 166, § 22. The project is also consistent with the requirements in the Design Rules and Regulations for Small Cells established by the Town of Arlington dated October 1, 2019. Verizon has also filed an application for approval with the Town of Arlington for this installation consistent with the Arlington Small Cell Wireless Facilities Policy.

The following pages will contain the Eversource License showing pole owner approval.

APPLICATION AND POLE ATTACHMENT LICENSE

Licensee Cellco Partnership d/b/a Verizon Wireless
Street Address One Verizon Way, Mail Stop 4A W100
City, State and Zip Basking Ridge, NJ 07920
Date 03/30/2020

In accordance with the terms and conditions of the Pole Attachment Agreement, application is hereby made for a license to make three (3) antenna attachments to pole and one (1) Power Supply(ies) and other attachments located in the municipality of Arlington in the State of Massachusetts.

This request will be designated **Pole Attachment License Application Number BOSARLINGTON032MA-596516. Attached are my power supply specifications if applicable. The cable's strand size is .05 and weight per foot of cable is .02.**

Communication Space

Power / Supply Space

Licensee's Name (Print) Danielle Beaulieu

Signature *Danielle Beaulieu*

EVERSOURCE

Power Company

Title Sr. Program Manager

Tel. No. 978-420-9808

Fax No. N/A

E-mail Danielle.Beaulieu@nexius.com

*******For licensor use, do not write below this line*******

Pole Attachment License Application Number _____ is hereby granted to make the attachments described in this application to 1 attachments to JO¹ poles, _____ attachments to FO² poles, _____ attachments to JU³ poles, _____ Power Supplies and _____ other attachments located in the municipality of _____, in the State of _____ as indicated on the attached Form 3.

Licensor's Name (Print) Richard A. Comeau

Signature *Richard A. Comeau*

(AGREEMENT ID #) Title Lead Engineer

Date 9/13/2021

Tel. No. _____

The Licensee shall submit an original copy of this application to Verizon New England Inc. and NSTAR Electric Company d/b/a EVERSOURCE ENERGY.

AUTHORIZATION FOR FIELD SURVEY WORKLicensee: Cellco Partnership d/b/a Verizon Wireless

In accordance with Article III & Appendix I of the Pole Attachment Agreement, following is a summary of the charges which will apply to complete a field survey covering Pole Attachment License Application Number **BOSARLINGTON032MA-596516** in the municipality of **Arlington** in the State of **Massachusetts**.

FIELD SURVEY CHARGES

<u>Field Survey</u>	<u>#Poles</u>	<u>Unit Rate</u>	<u>Total</u>
Field Survey Application Fee (includes 1st pole)	1 pole	\$139.00 \$ <u>139.00</u>
Field Survey 2 -200 Poles	_____	\$ <u>13.45</u> per Pole	\$ _____
Additional Travel Time*	_____	\$ <u>200.00</u> per Day	\$ _____
TOTAL Charges			\$ <u>139.00</u>

* Based on average of 75 poles surveyed per day, add \$200.00 travel time for each additional day required to complete survey.

Please note, if you calculated the cost incorrectly, your check will be returned and a new check for the correct amount must be received by this office in order to schedule the survey. If you need assistance, please call the **HOTLINE** on 800-340-9822. The required field survey covering Pole Attachment License Application #**BOSARLINGTON032MA-596516** is authorized. I am enclosing an advance payment in the amount of \$ 139.00.

Licensee's Name (Print) Danielle BeaulieuSignature Danielle BeaulieuTitle Sr. Program ManagerAddress 300 Apollo Drive, Chelmsford, MA 01824Tel. No. 978-420-9808Date 3/30/2020



[AHDC] Arlington Historic District Commission Application / Bos_Arlington_E_041 / 16 Central St. [Pole on Bacon St. side] / Non-Applicability

Haleluya Haile <haleluya.haile@nexius.com>
To: Carol Greeley <carol.greeley@gmail.com>

Thu, Sep 30, 2021 at 12:30 PM

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Good afternoon Carol,

Please find the attached, Arlington Historic District Commissions Application for Certificate of Non-Applicability.

This application is for an existing utility pole #806/0, located in the ROW at 16 Central St., [pole on Bacon St. side] Arlington, MA 02474.

Please let me know if you need anything additional here.

Thanks,

HALELUYA HAILE

Site Acquisition Specialist

www.nexius.com

978.235.6131

n e x i u s

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