



CITY OF SOMERVILLE
Commonwealth of Massachusetts
93 Highland Avenue
Somerville, MA 02143
(617) 625-6600

BUSINESS LICENSE APPLICATION - Small Wireless Facility

File #: 21-012763

License #: BL21-000123

Address: 67 EVERGREEN AVE

Licensee: Matthew Pricco Network Building + Consulting

DBA Name: Extenet Systems, Inc.

Business Ownership Type: Corporation

Legal Name of Entity: Extenet Systems, LLC

Owners/Officers: James A. Hyde, Anthony Lehy, Daniel L. Timm,

License Information:

Do you believe this to be a 6409(a) application?: No

Describe the reason for the work, and the intended beneficiaries: Installation of a small cell wireless facility in the public right of way. The facility will improve wireless communications services for residents, businesses, and visitors in the area.

Provide the detailed description of the work that should appear on the License: Installation of a small cell wireless facility in the public right of way at 67 Evergreen Avenue as depicted on drawings accompanying this application. The facility will improve wireless communications services for residents, businesses, and visitors in the area.

of installations on existing poles: 1

of installations on new poles: 0

Provide the legal name of the entity that will own the License: Extenet Systems, Inc.

Approval Conditions:

Approved By:

John Power, Approved

Karla Cuarezma, Approved

Hans Jensen, Approved

Malik Drayton, Approved with Conditions

APPROVAL CONDITION: MD20211215: Contractor shall take all necessary precautions to avoid damaging any tree or tree part with equipment.

APPROVAL CONDITION: MD20211215: All nearby street tree(s) shall be protected prior to and during all construction activities using TREE BOX or TREE WRAPS. . TREE BOX shall be constructed from 2 in. x 4 in. lumber creating a box around the border of the tree pit with 2 in. x 4 in. lumber standing straight up at

the corners and wrapped with orange snow fence. Detail attached. . TREE WRAPS (TREE TRUNK WRAPPING PROTECTION LUMBER) shall consist of 2 in. x 4 in. and 8 ft. height lumber wired together in close spacing with zip ties or 16 gauge galvanized steel wire to form a protective enclosure around tree trunks. Use burlap to separate the wood from the bark if necessary to prevent wood from scraping or bruising bark. Do not use staples or puncture the trunk in any way.

APPROVAL CONDITION: MD20211215: Any tree roots less than two (2) inches in diameter that cannot be avoided during construction shall be carefully and cleanly cut with a clean pair of pruning shears or loppers. Roots are to be cut back flush with the edge of the trench. If any tree roots greater than two (2) inches in diameter are encountered, stop work immediately and contact the City Urban Forester. Any and all pruning of roots greater than 2 inches in diameter must be completed under the supervision of the City Urban Forester.

Eric Weisman, Approved

Kimberly M. Wells, Approved



NE-MA-BSTN3N01-TMO

NE-MA-BSTN3N01-03308 / NE3203BA_31LAB

PROPOSED SMALL CELL NODE

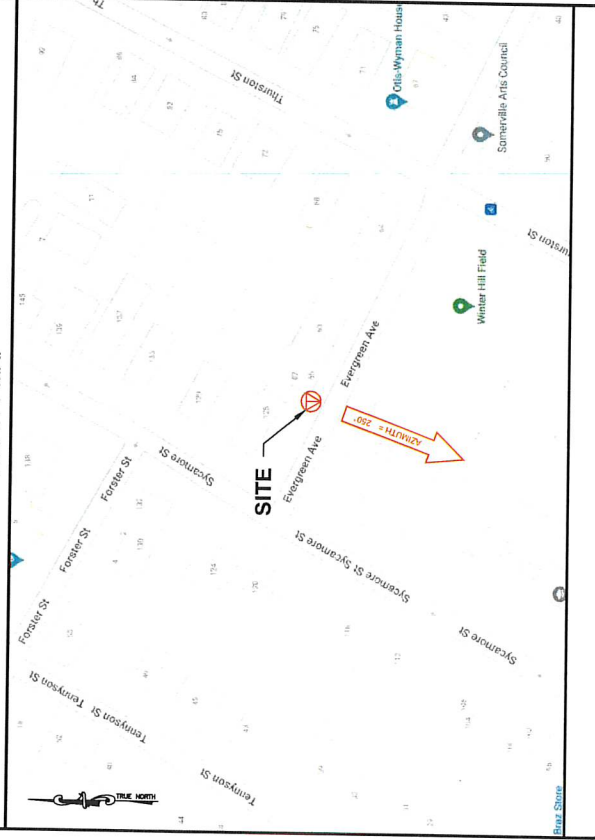
67 EVERGREEN AVENUE, SOMERVILLE, MA 02145
CITY OF SOMERVILLE, MIDDLESEX COUNTY

LATITUDE: 42.39235918°
LONGITUDE: -71.0981623°

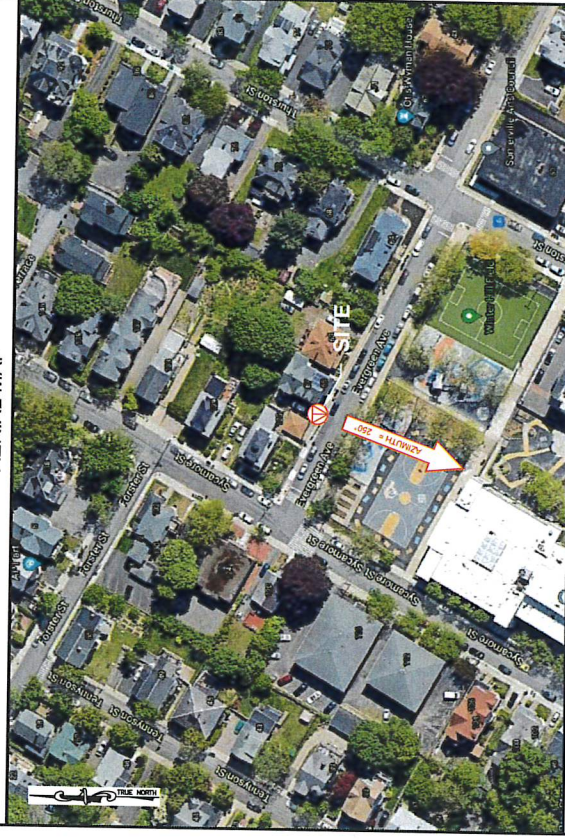


Know what's below.
Call before you dig.

VICINITY MAP



AERIAL MAP



PROJECT INFORMATION

PROJECT NAME: NE-MA-BSTN3N01-TMO
POLE TAG: 1199
LATITUDE: 42.39235918°
LONGITUDE: -71.0981623°
JURISDICTION: CITY OF SOMERVILLE, MIDDLESEX COUNTY
EXTENET PROJECT MANAGER: ADAM DORR
HUB LOCATION: 3000 WARREN AVENUE, SUITE 340
HUB: 48503698
NOC: (866) 692-5327
SOMERVILLE, MA 02145
ELECTRIC COMPANY: EVERSOURCE

CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING CODES.

- 2015 INTERNATIONAL BUILDING CODE
- (MASSACHUSETTS AMENDED 9TH EDITION)
- 2017 NATIONAL ELECTRICAL CODE
- 2015 IFC - REFERENCE 527 CMR
- AMERICAN CONCRETE INSTITUTE
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION
- MANUAL OF STEEL CONSTRUCTION 13TH EDITION
- ANSI/TIA-222-G
- TIA 807
- INSTITUTE FOR ELECTRICAL & ELECTRONICS ENGINEER 81
- IEEE C2 NATIONAL ELECTRIC SAFETY CODE LATEST EDITION
- UL 6181A GR-1275
- ANSI/T 311

DRAWING INDEX

01 TITLE SHEET
02 NOTES
03 ELEVATION
04 ANTENNA & EQUIPMENT DETAILS
05 ELECTRICAL & GROUNDING DETAILS



NE-MA-BSTN3N01-03308
TMO ID: NE3203BA_31LAB
67 EVERGREEN AVENUE
SOMERVILLE, MA 02145
CITY OF SOMERVILLE
MIDDLESEX COUNTY

REVISIONS

REV	DATE	DESCRIPTION	BY
1	10/20/21	EQUIPMENT HEIGHT REVISED	DPR
2	10/20/21	EQUIPMENT HEIGHT REVISED	DPR
3	10/20/21	PRELIMINARY	HAN

PROFESSIONAL STAMP

ENGINEER

SHEET TITLE

SHEET NUMBER

KOURAKIAN VOLANAKIS LLP, P.E.
MA PROFESSIONAL ENGINEER LIC. #56919

TITLE SHEET

01 OF 05

REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	10/26/21	EQUIPMENT HEIGHT REVISED	DPT
2	10/26/21	EQUIPMENT HEIGHT REVISED	DPT
3	10/26/21	EQUIPMENT HEIGHT REVISED	DPT
4	10/26/21	EQUIPMENT HEIGHT REVISED	DPT
5	10/26/21	EQUIPMENT HEIGHT REVISED	DPT
6	10/26/21	EQUIPMENT HEIGHT REVISED	DPT
7	10/26/21	EQUIPMENT HEIGHT REVISED	DPT
8	10/26/21	EQUIPMENT HEIGHT REVISED	DPT
9	10/26/21	EQUIPMENT HEIGHT REVISED	DPT
10	10/26/21	EQUIPMENT HEIGHT REVISED	DPT

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9	10/26/21	EQUIPMENT HEIGHT REVISED	DPT
10	10/26/21	EQUIPMENT HEIGHT REVISED	DPT

PROFESSIONAL STAMP

ENGINEER
RUPAKARAN KOLANDAVELU P.E.
MA PROFESSIONAL ENGINEER LIC. #50019

SHEET
03 OF 05

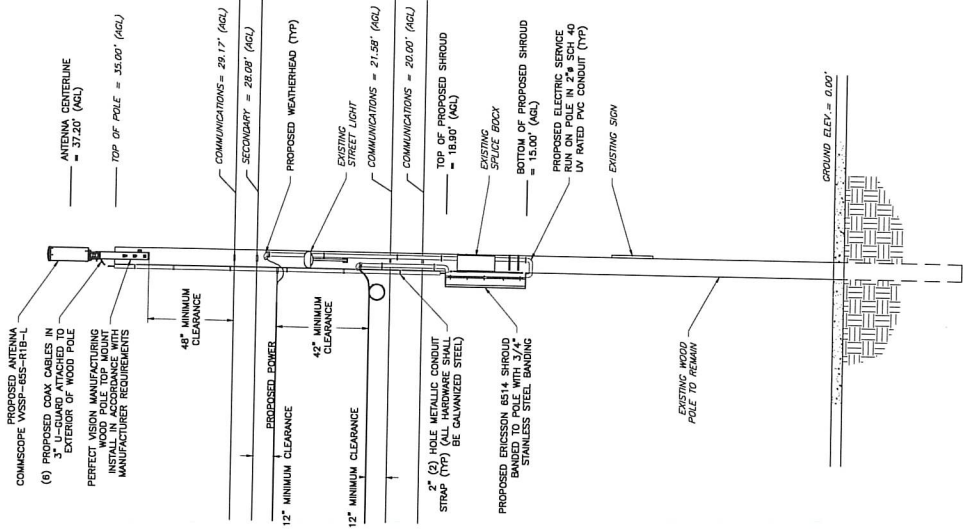


EXISTING CONDITIONS

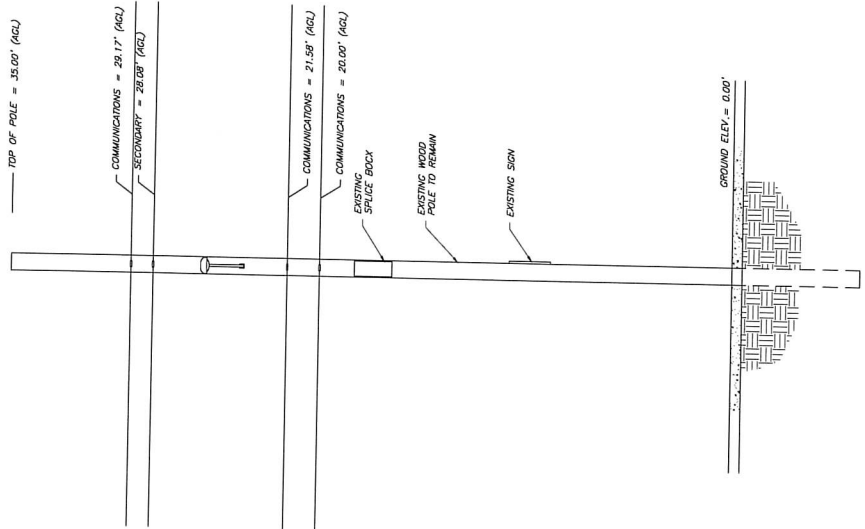
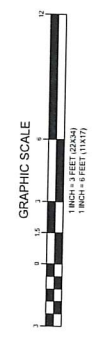
NOTES:

- EQUIPMENT ELEVATION IS SUBJECT TO MAKE READY PERFORMED BY POLE OWNER.
- NEW PLACARD SHALL BE OSHA COMPLIANT AND DISPLAY THE FOLLOWING INFORMATION: EQUIPMENT OWNER'S NAME, ADDRESS, PHONE NUMBER, ELEVATION, INSTALLATION DATE, AND EQUIPMENT TYPE. INFORMATION SHALL BE INSTALLED PER UTILITY COMPANY REQUIREMENTS AND VERIFY EXACT MOUNTING HEIGHT IN FIELD.
- MAINTAIN MINIMUM OF 8'-6" FROM GROUND LEVEL TO BOTTOM OF PROPOSED SHROUD.
- MAINTAIN MINIMUM OF 42" FROM TOP COMMUNICATION ATTACHMENT TO BOTTOM SECONDARY POWER ATTACHMENT.
- MAINTAIN MINIMUM OF 48" CLEARANCE IN ANY DIRECTION FROM ANTENNA AND MOUNTING BRACKET TO NEAREST SECONDARY POWER CONNECTION.
- MAINTAIN MINIMUM OF 12" FROM TOP COMMUNICATIONS LINE TO ANY ADDITIONAL COMMUNICATIONS LINE.
- MAINTAIN MINIMUM OF 5' FROM GROUND LEVEL TO METER LOCATION.
- MAINTAIN MINIMUM OF 6' CLEARANCE IN ANY DIRECTION FROM ANTENNA AND MOUNTING BRACKET TO NEAREST PRIMARY POWER CONNECTION.
- EQUIPMENT TO BE INSTALLED ON OPPOSITE SIDE OF TRAFFIC FLOW.
- POWER SUPPLY & WIRE BUNDLE SHOULD BE INSTALLED ON THE SAME SIDE OF THE POLE WITH THE SECONDARY AND COMMUNICATION CABLES TO ACCOMMODATE CUMULATIVE OF THE POLE.

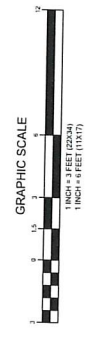
ATTACHMENT HEIGHTS, ANTENNA AND EQUIPMENT LOCATIONS
PENDING MAKE-READY AND STRUCTURAL ANALYSIS

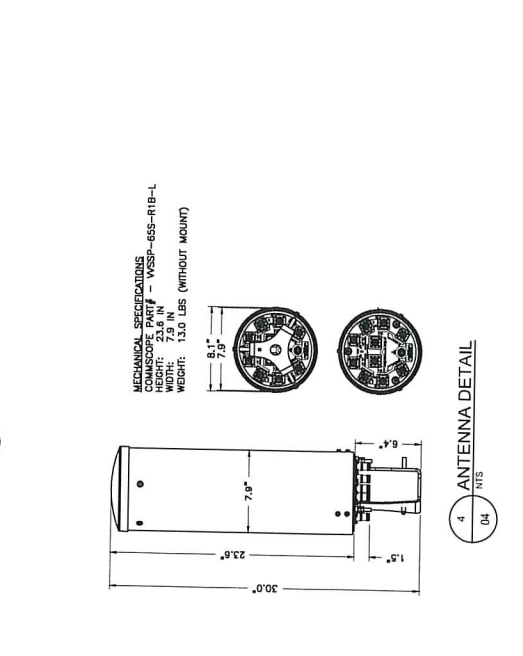


PROPOSED ELEVATION (LOOKING NORTHEAST)



EXISTING ELEVATION (LOOKING NORTHEAST)





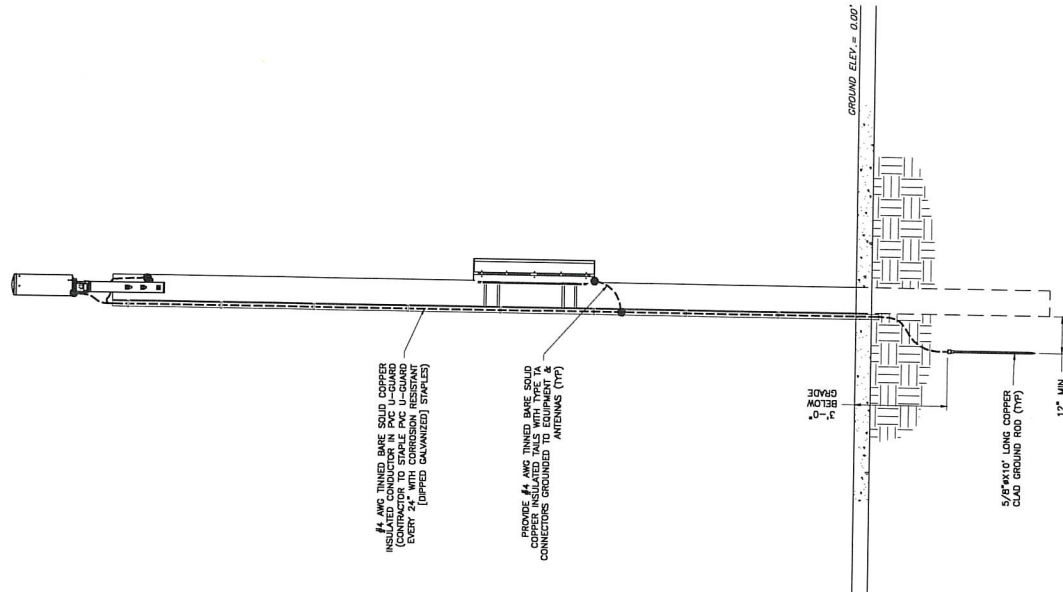
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REV	DATE	DESCRIPTION	BY
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1	10/20/21	EQUIPMENT HEIGHT REVISED	DPR
0	06/04/21	PRELIMINARY	NMM

PROFESSIONAL STAMP

ENGINEER
KRUPAKARAN KOLANDAVELU, P.E.
MA PROFESSIONAL ENGINEER LIC. #56019

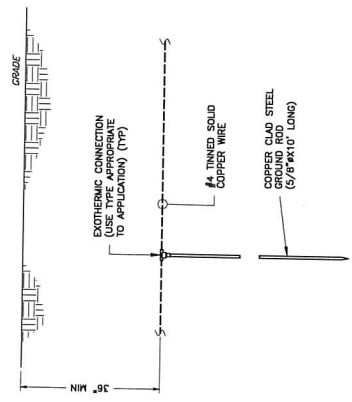
SHEET TITLE
**ELECTRICAL & GROUNDING
DETAILS**

SHEET NUMBER
05 OF 05
SHEET

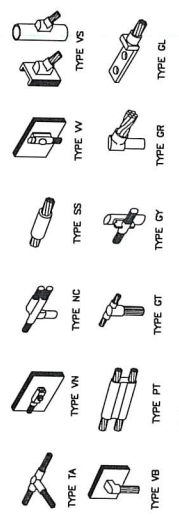


3 ELECTRICAL & GROUNDING RISER DIAGRAM
NTS

NOTE:
EXISTING/PROPOSED UTILITY WIRES,
SCHEM, AND EXISTING EQUIPMENT
NOT SHOWN FOR CLARITY.



1 TYPICAL GROUND ROD DETAIL
NTS



2 GROUNDING CONNECTION DETAILS
NTS