



CITY OF SOMERVILLE

Commonwealth of Massachusetts

93 Highland Avenue

Somerville, MA 02143

(617) 625-6600

BUSINESS LICENSE APPLICATION - Small Wireless Facility

File #: 19-014849

License #: BL19-000095

Address: 75 HEATH ST

Licensee: Matthew Pricco Network Building + Consulting

DBA Name: ExteNet Systems, Inc.

Business Ownership Type: Corporation

Legal Name of Entity: ExteNet Systems, Inc.

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

License Information:

Do you believe this to be a 6409(a) application?:

Describe the reason for the work, and the intended beneficiaries:

Provide the detailed description of the work that should appear on the License: Installation of a small cell wireless facility on a wood utility pole in the public right-of-way at 75 Heath St as depicted on the drawings accompanying this application. The facility will improve wireless communications services for residents, businesses, and visitors in the vicinity.

of installations on existing poles: 1

of installations on new poles:

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

Approval Conditions:

Approved By:

Hans Jensen, Approved

Karla Cuarezma, Approved

Malik Drayton, Approved with Conditions

APPROVAL CONDITION: MD20200325: Contractor shall take all necessary precautions to avoid damaging any tree or tree part with equipment.

APPROVAL CONDITION: MD20200325: 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: MD20200325: 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.

John Power, Approved

Mark Lawhorne, Approved

John J. Long, Approved

LATITUDE: 42.395194°
LONGITUDE: -71.095595°

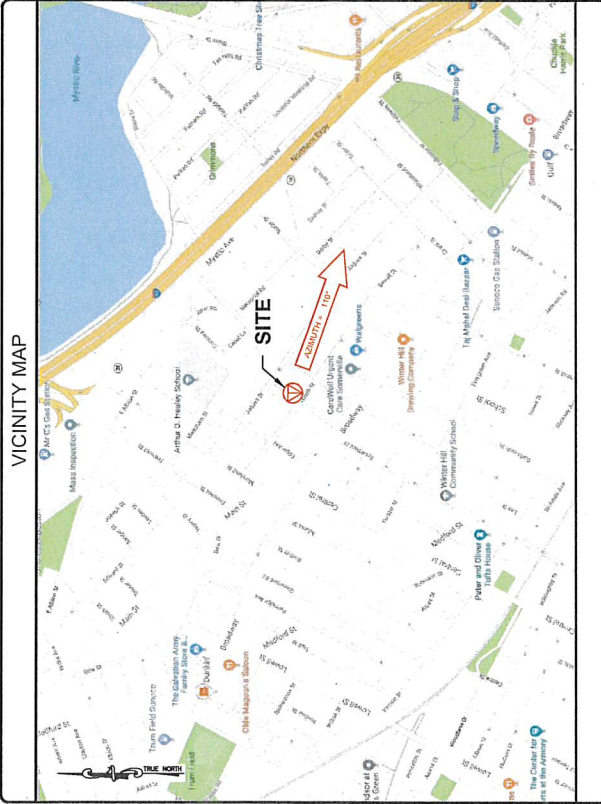


NE-MA-BSTN3N01-TMO NE-MA-BSTN3N01-03302 / NE3203BA_11LAB

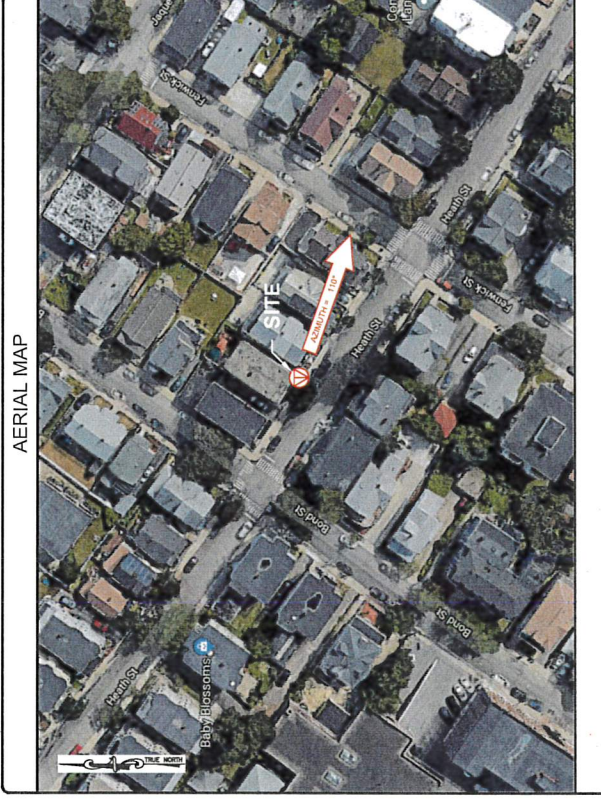
PROPOSED SMALL CELL NODE
75 HEATH STREET, SOMERVILLE, MA 02145
CITY OF SOMERVILLE, MIDDLESEX COUNTY



VICINITY MAP



AERIAL MAP



PROJECT INFORMATION

PROJECT NAME: NE-MA-BSTN3N01-TMO
POLE TAG: 155-B
NAD: 1983
LONGITUDE: 42.395194°
LATITUDE: -71.095595°
CITY OF SOMERVILLE
MIDDLESEX COUNTY
RICK ANGELINI
LISLE, IL 60532
HOC: (866) 682-5027
HUB LOCATION: 1225 MATHEW AVENUE
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
- NFPA 1-2015 EDITION
- 2015 NEC - REFERENCE 527 CMR
- 2015 NFPA 70 - NATIONAL ELECTRICAL CODE
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION
- MANUAL OF STEEL CONSTRUCTION 13TH EDITION
- ANS/ISA-222-G
- TIA 607
- INSTITUTE FOR ELECTRICAL & ELECTRONICS ENGINEER 81
- IEEE C2 NATIONAL ELECTRIC SAFETY CODE LATEST EDITION
- TELECORDIA GR-1275
- ANSI/T 311

DRAWING INDEX

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



NE-MA-BSTN3N01-03302
TMO ID: NE3203BA_11LAB
75 HEATH STREET
SOMERVILLE, MA 02145
MIDDLESEX COUNTY

REVISIONS

REV	DATE	DESCRIPTION	BY
1	06/01/19	PRELIMINARY	CJF
2	06/05/19	REVISED	CJF
3	06/20/19	REVISED	NBO
4	07/02/19	ADDITIONAL REVISED	DRG
5	07/02/19	ADDITIONAL REVISED	DRG
6	07/02/19	100% COMPLIANCE ADDED	DRG



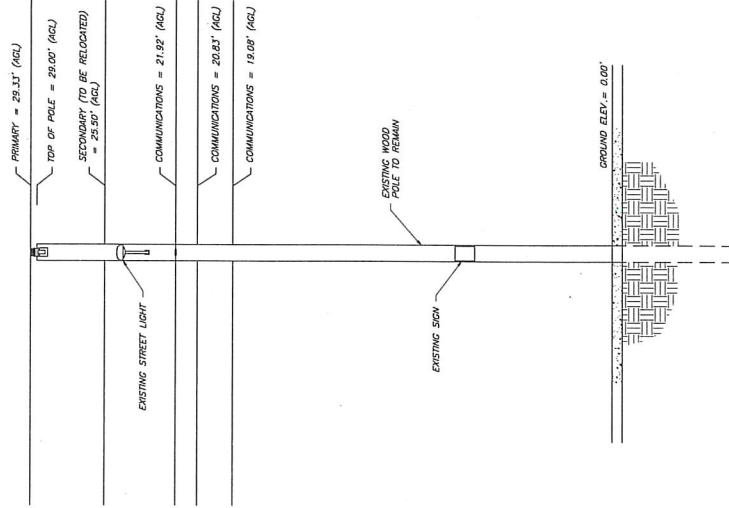
KRUPAKARAN KOLANDAVELU, P.E.
MA PROFESSIONAL ENGINEER LIC. #50019

TITLE SHEET

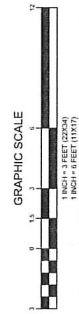
SHEET
01 OF 05

[illegible]

- NOTES:**
- EQUIPMENT ELEVATION IS SUBJECT TO MAKE READY PERFORMED BY POLE OWNER.
 - NEW PLACARD SHALL BE OSHA COMPLIANT AND DISPLAY THE FOLLOWING INFORMATION: COMPANY NAME, ADDRESS, PHONE NUMBER, E-MAIL ADDRESS, WEBSITE, AND 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 & WEATHERHEAD SHOULD BE INSTALLED ON THE SAME SIDE OF THE POLE WITH THE SECONDARY(S) AND COMMUNICATION CABLE(S) TO ACCOMMODATE CUBING OF THE POLE.

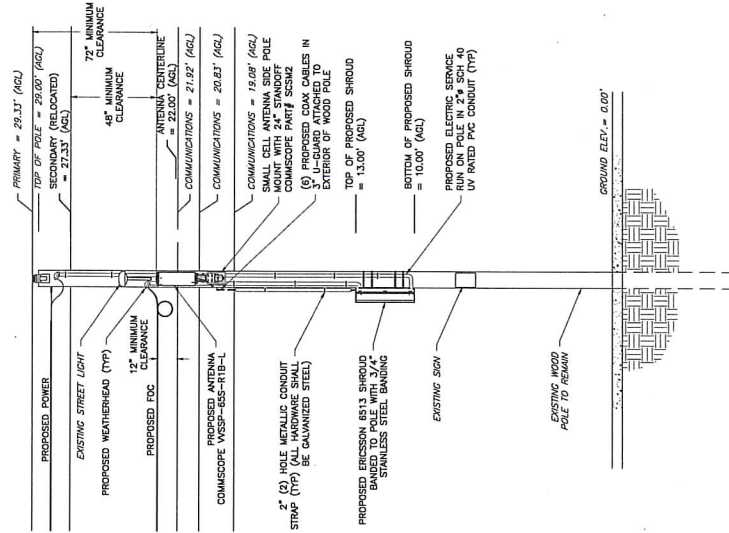


EXISTING ELEVATION (LOOKING NORTHEAST)

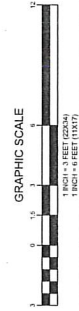


NOTE: NO INSTALLATION SHALL BE PLACED LESS THAN 15 FEET FROM A RESIDENCE'S WINDOW, DOOR OPENING, PORCH, OR BALCONY.

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



PROPOSED ELEVATION (LOOKING NORTHEAST)



EXISTING CONDITIONS



15' COMPLIANCE

ENGINEERING FIRM	APPLICANT	SITE INFORMATION	DESIGN RECORD	PROFESSIONAL STAMP	ENGINEER	SHEET TITLE	SHEET NUMBER																																
NB+C TOTALLY COMMITTED NHC ENGINEERING SERVICES, LLC. 100 HIGHLAND AVENUE, SUITE 200 BOSTON, MA 02118 (617) 764-1000	extenei OUR NETWORK. EVERYWHERE. SYSTEMS 3030 WASHINGTON BLVD, SUITE 340 BOSTON, MA 02118 (617) 595-3800	NE-MA-BSTN01-03302 TWO ID: NE3203BA, 111AB 75 HEATH STREET SOMERVILLE, MA 02145 MIDDLESEX COUNTY	REVISIONS <table border="1"> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> <tr> <td>6</td> <td>03/10/25</td> <td>15' COMPLIANCE ADDED</td> <td>DNB</td> </tr> <tr> <td>5</td> <td>03/04/25</td> <td>ADDRESS REVISED</td> <td>DNB</td> </tr> <tr> <td>4</td> <td>03/02/25</td> <td>MOUNT REVISED</td> <td>DNB</td> </tr> <tr> <td>3</td> <td>03/02/25</td> <td>REVISED</td> <td>DNB</td> </tr> <tr> <td>2</td> <td>03/02/25</td> <td>FINAL</td> <td>CHE</td> </tr> <tr> <td>1</td> <td>03/01/25</td> <td>REVISED</td> <td>CHE</td> </tr> <tr> <td>0</td> <td>03/01/25</td> <td>PRELIMINARY</td> <td>CHE</td> </tr> </table>	REV	DATE	DESCRIPTION	BY	6	03/10/25	15' COMPLIANCE ADDED	DNB	5	03/04/25	ADDRESS REVISED	DNB	4	03/02/25	MOUNT REVISED	DNB	3	03/02/25	REVISED	DNB	2	03/02/25	FINAL	CHE	1	03/01/25	REVISED	CHE	0	03/01/25	PRELIMINARY	CHE		KRIPAKARAN KOLANJIVELLI, P.E. MA PROFESSIONAL ENGINEER LIC. #50819	ELEVATION	03 OF 05
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