



CITY OF SOMERVILLE

Commonwealth of Massachusetts

93 Highland Avenue

Somerville, MA 02143

(617) 625-6600

BUSINESS LICENSE APPLICATION - Small Wireless Facility

File #: 19-014852

License #: BL19-000098

Address: 418 WASHINGTON 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?: No

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

Provide the detailed description of the work that should appear on the License: Extenet proposes to install a small cell wireless facility on an existing wood utility pole. The principal elements of the proposed facility are an antenna housed in a 24 inch long shroud at the top of the pole. including an additional 6 feet of base mounting equipment, and three radios in a shroud also mounted on the pole.

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: None

Approved By:

John Power, Approved

Karla Cuarezma, Approved

Malik Drayton, Approved

Peter Lew, Approved

Mark Lawhorne, Approved

John J. Long, Approved



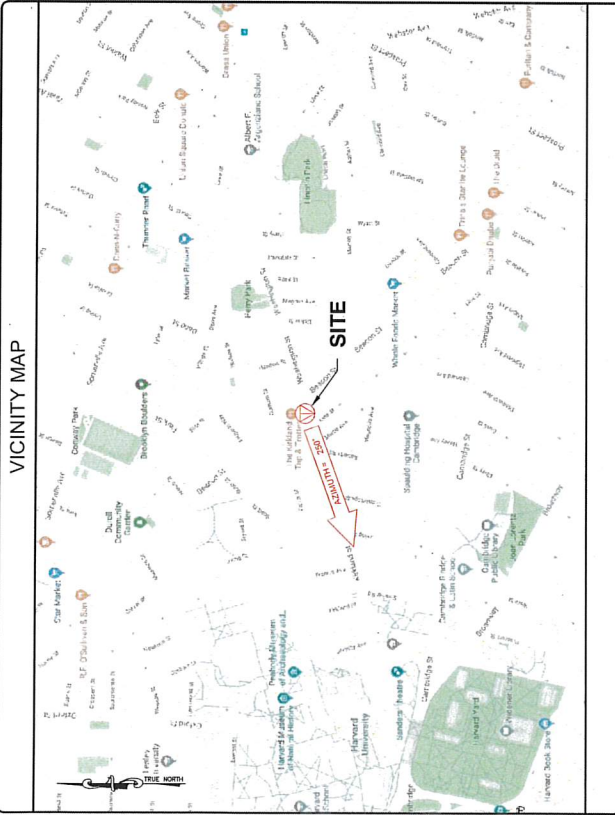
NE-MA-BSTN3N01-TMO
NE-MA-BSTN3N01-03392 / NE3212BA_31LAB
 PROPOSED SMALL CELL NODE
 418 WASHINGTON STREET, SOMERVILLE, MA 02143
 CITY OF SOMERVILLE, MIDDLESEX COUNTY

LATITUDE: 42.378247°
 LONGITUDE: -71.106888°

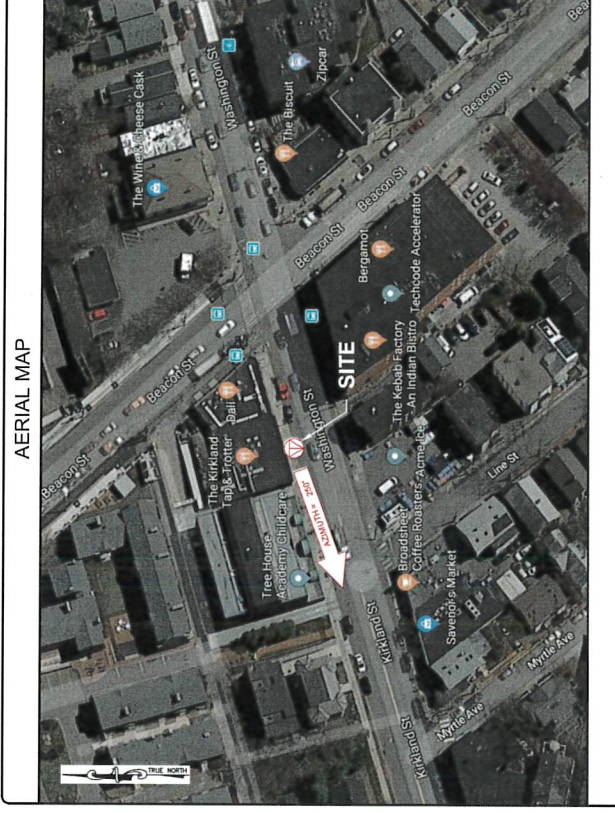


Know whats below.
 Call before you dig.

VICINITY MAP



AERIAL MAP



PROJECT INFORMATION

PROJECT NAME: NE-MA-BSTN3N01-TMO
 POLE TAG: NO TAG
 LATITUDE: 42.378247
 LONGITUDE: -71.106888
 JURISDICTION: CITY OF SOMERVILLE, MIDDLESEX COUNTY
 EXTENET PROJECT MANAGER: RICK ANSELMI, 418 WASHINGTON ST, SUITE 340, SOMERVILLE, MA 02143, NOC: (866) 895-5327
 HUB LOCATION: HUB-ABSORDEA, 418 WASHINGTON STREET, SOMERVILLE, MA 02143
 ELECTRIC COMPANY: EVERSOURCE

CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING STANDARDS UNLESS OTHERWISE SPECIFIED. ALL WORK SHALL BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING CODES.

- 2015 INTERNATIONAL BUILDING CODE
- 2017 NATIONAL ELECTRICAL CODE (LATEST EDITION)
- 2017 NATIONAL ELECTRICAL CODE
- NFPA 1-2015 EDITION
- 2015 IFC - REFERENCE 827 CHR
- AMERICAN CONCRETE INSTITUTE
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION
- MANUAL OF STEEL CONSTRUCTION 13TH EDITION
- ANS/ISA-222-G
- INSTITUTE FOR ELECTRICAL & ELECTRONICS ENGINEER 81
- IEEE C2 NATIONAL ELECTRIC SAFETY CODE LATEST EDITION
- TELECORDIA GR-125
- ANS/ISA 311

DRAWING INDEX

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

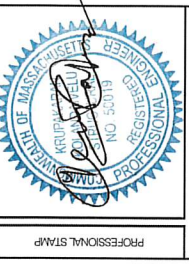
NB+C
 TOTALLY COMMITTED.
 NB+C ENGINEERING SERVICES, LLC
 100 WASHINGTON STREET, SUITE 300
 WASHINGTON, MA 01890
 (978) 335-1000

extenet
 YOUR NETWORK. EVERYWHERE.
 SYSTEMS
 3030 WARRENVILLE ROAD, SUITE 340
 WASHINGTON, MA 01890
 (978) 335-5300

NE-MA-BSTN3N01-03392
 TMO ID: NE3212BA_31LAB
 418 WASHINGTON STREET
 SOMERVILLE, MA 02143
 MIDDLESEX COUNTY

REVISIONS

REV	DATE	DESCRIPTION	BY
2	08/17/19	REVISED	NSB
1	08/09/19	FINAL	CVE
0	08/11/19	PRELIMINARY	DPR

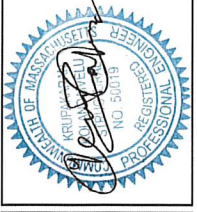


NSB/ANSELMI, RICK ANSELMI, P.E.
 MA PROFESSIONAL ENGINEER LIC. #66919

TITLE SHEET

SHEET NUMBER
 SHEET
01 OF 05

REVISIONS			
NO.	DESCRIPTION		
2	REVISED		
1	FINAL		
0	PRELIMINARY		
0	DPR		
REV	DATE	DESCRIPTION	BY



KRUPA SUMAN VASUDEVAN, P.E.
 MA PROFESSIONAL ENGINEER LIC #56019

ELEVATION

SHEET
03 OF 05

ENGINEERING FIRM

APP/CLIENT

SITE INFORMATION

DESIGN RECORD

PROFESSIONAL STAMP

ENGINEER

SHEET TITLE

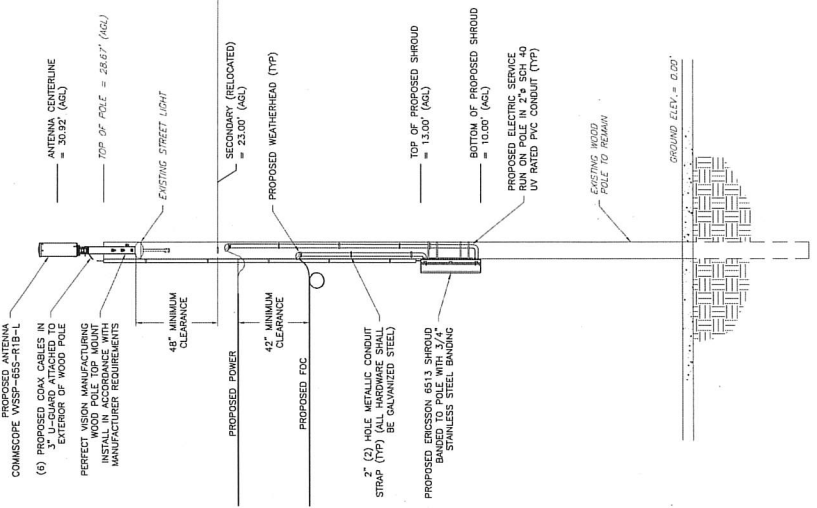
SHEET NUMBER



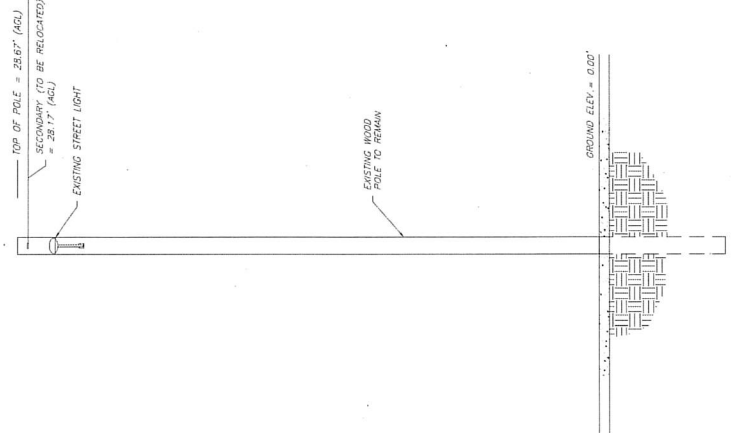
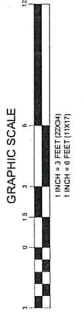
EXISTING CONDITIONS

- NOTES:**
- EQUIPMENT ELEVATION IS SUBJECT TO MAKE READY PERFORMED BY POLE OWNER.
 - NEW PLACES SHALL BE SHOWN COMPACT AND DIMS BY THE FOLLOWING INFORMATION: TRANSMITTING SYSTEM, EQUIPMENT OWNER & PROPER CONTACT INFORMATION. INSTALL PER UTILITY COMPANY REQUIREMENTS AND VERIFY EXACT ADJUTING 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 CURBING OF THE POLE.

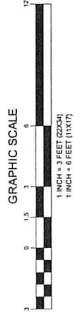
**ATTACHMENT HEIGHTS, ANTENNA AND EQUIPMENT LOCATIONS
 PENDING MAKE-READY AND STRUCTURAL ANALYSIS**



PROPOSED ELEVATION (LOOKING NORTH)

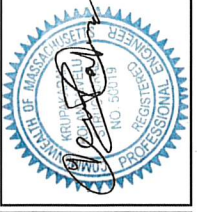


EXISTING ELEVATION (LOOKING NORTH)



REVISIONS

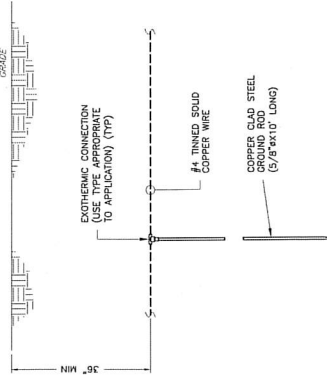
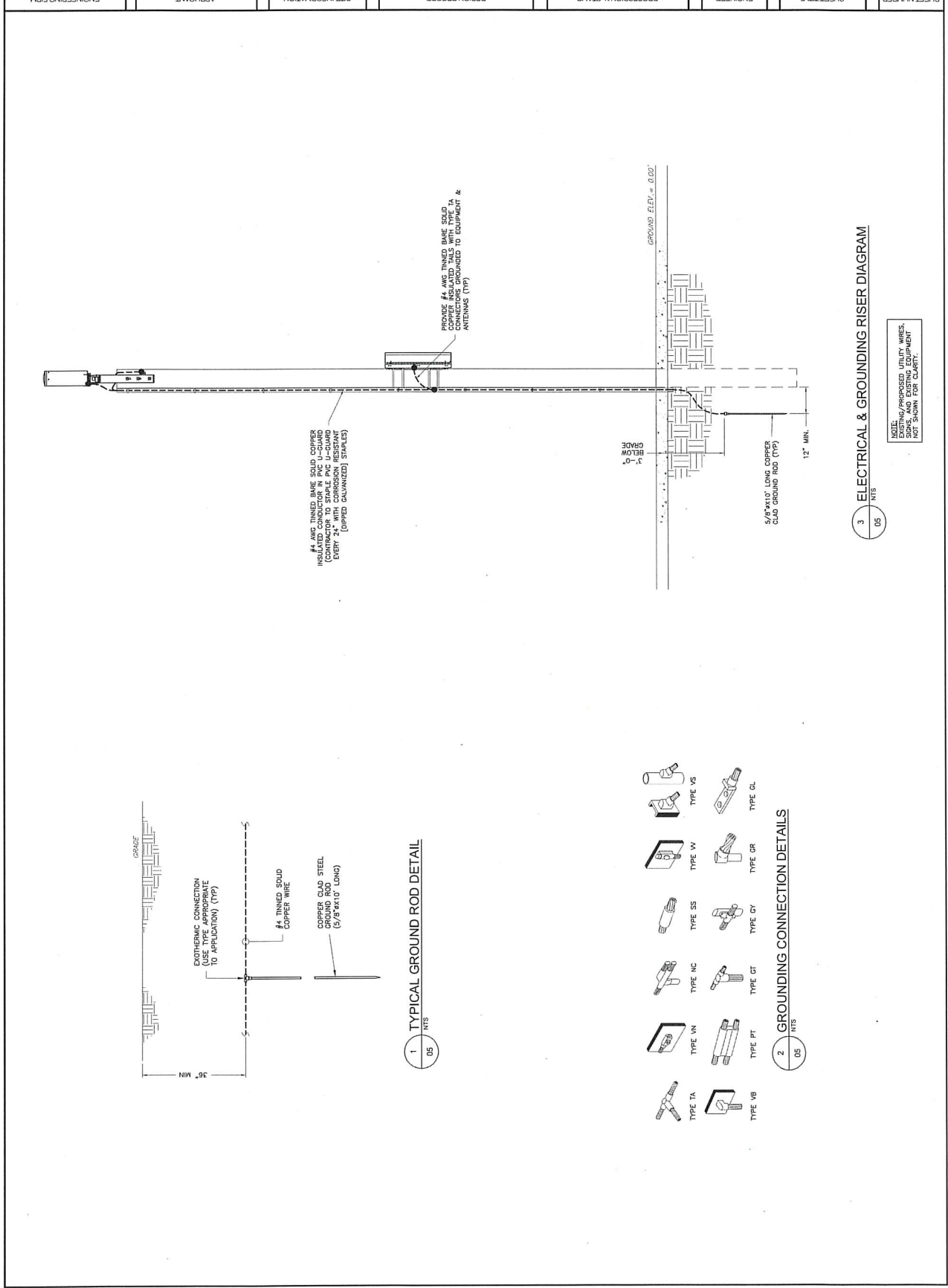
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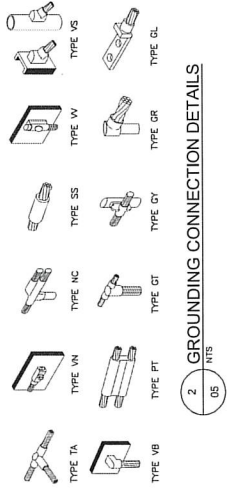
ENGINEER
 KRUPARAJULU, KRISHNARAJULU P.E.
 MA PROFESSIONAL ENGINEER LIC #50019

SHEET TITLE
ELECTRICAL & GROUNDING DETAILS

SHEET NUMBER
05 OF 05



1
 NTS
 05
TYPICAL GROUND ROD DETAIL



2
 NTS
 05
GROUNDING CONNECTION DETAILS

3
 NTS
 05
ELECTRICAL & GROUNDING RISER DIAGRAM

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