



VICTOR V. MANOUGIAN
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January 24, 2019

VIA OVERNIGHT DELIVERY

Bonnie Sontag, Chair
Planning Board
City of Newburyport
60 Pleasant Street
Newburyport, MA 01950

Re: Application for Special Permit to Collocate Wireless Communications Equipment on Rooftop
Applicant: Cellco Partnership d/b/a Verizon Wireless (“Verizon”)
Address: 25 Temple Street (Map 5, Lot 22) (the “Property”)

Dear Ms. Sontag:

The purpose of this letter is to deliver the enclosed Special Permit Application pursuant to Zoning Ordinance Sections XX-E and XXVIIC-2 and supporting materials (the “Application”) on behalf of our client, Cellco Partnership d/b/a Verizon Wireless (“Verizon”). The application is to allow Verizon to relocate and collocate wireless communications equipment on the existing facility located at 25 Temple Street (Map 5, Lot 22) in the City of Newburyport, Massachusetts (the “Property”), allowing Verizon to fill a significant coverage gap. Sprint Spectrum LP (“Sprint”) received approval on November 20, 2002 to install wireless communications equipment on the rooftop of the Property. Verizon’s equipment will not substantially change the physical dimensions of the existing rooftop installation. Accordingly, Verizon’s application represents an eligible facilities request under federal law (Section 6409 of the Spectrum Act, codified at 47 U.S.C. § 1455(a)), and therefore must be approved within sixty (60) days of the request made on January 24, 2019. Failure to approve this eligible facilities request within the sixty (60) days results in constructive approval under federal law.

I. ENCLOSED MATERIALS

In support of the foregoing request, enclosed please find two (2) copies of the following materials and documents for your review and consideration:

- 1) Completed Special Permit Application and a check in the amount of \$550.00, payable to the City of Newburyport, to cover the administrative fee for the application as well as publication and abutters notification fee;

- 2) Letter of Authorization from the Newburyport Housing Authority;
- 3) Zoning Determination Form from the Zoning Administrator indicating the need for a Special Permit;
- 4) Assessor's Card;
- 5) Photo simulations depicting the proposed installation;
- 6) Evidence of Verizon's FCC Licensure;
- 7) 11" x 17" copy of Plans and drawings prepared by Nexius dated January 14, 2019.

II. PROJECT NARRATIVE

The proposed wireless equipment will be installed on the rooftop of the Property. Sprint is an existing tenant on the roof with wireless communications antennas. Verizon is seeking to collocate rooftop antennas on the roof. The top of the existing rooftop and existing penthouse is 70' and 87' respectively. Verizon's proposal does not include more than four (4) equipment cabinets and no part of the proposed installation shall exceed the highest appurtenance. Verizon's proposed equipment includes twelve (12) panel antennas, twelve (12) remote radio heads, an equipment shelter on raised platform, a 30kw gas generator, and all associated cabling and wiring. Furthermore, the proposed antennas shall be painted to match the existing paint and texture of the building, equivalent to the current antennas (the "Facility"). The Facility is more fully described on the Plans enclosed herewith.

III. SPECIAL PERMIT CRITERIA

Verizon's application complies with the special permit criteria and City of Newburyport Zoning Ordinance (the "Ordinance"). We used the Special Permit criteria listed in X-H Board of Appeals and applied it to the Planning Board since in this instance the Planning Board is the Special Permit granting authority. The Ordinance sets forth the standards for personal wireless service facilities for Zoning Board of Appeals special permit approval, giving consideration to minimizing perceived adverse visual impacts, damage to adjacent properties, traffic impacts, safety, welfare and quality of life in the community, and to limit the number of telecommunication facilities constructed. Verizon lists (in *italics*) and addresses relevant approval criteria from the special permit application.

1. *The use requested is listed in the table of use regulations or elsewhere as in the ordinances requiring a Special Permit in the district for which application is made or is similar in character to permitted uses in a particular district but is not specifically mentioned.*

The proposed facility is located in the Residential Three-Family (“R3”) and Downtown Overlay (“DOD”) district and the use is listed in the table of use regulations requiring a Special Permit. Sprint already maintains a wireless communication facility on the rooftop at the Property and Verizon is seeking to collocate similar wireless equipment on the roof.

- 2. The requested use is essential and/or desirable to the public convenience or welfare.*

The proposed facility will promote the general welfare and is essential and desirable to the public because it will provide improved wireless communication services to the City, residents, businesses, commuters, and emergency personnel utilizing wireless communication in the area.

- 3. The requested use will not create undue traffic congestion, or unduly impair pedestrian safety.*

The proposed facility shall not create any undue traffic congestion or impair pedestrian safety. No increase in traffic or hindrance to pedestrian movements will result from the Facility. The Facility is unmanned and at a minimum, should only generate approximately one (1) or two (2) maintenance visits per month by maintenance personnel. Adequate parking is available at the Property for these limited visits.

- 4. The requested use will not overload any public water, drainage, or sewer system or any other municipal system to such an extent that the requested use or any developed use in the immediate area or in any other area of the city will be unduly subjected to hazards affecting health, safety, or the general welfare.*

The Facility requires no sewer, septic, or water from the municipality and will not affect related utilities. The Facility will not have an impact on or increase any public water, drainage or sewerage or any water supply with respect to all of the components of the Facility. Any refuse produced during the 1-2 monthly service visits shall be immediately removed from the Property by the service personnel.

- 5. Any special regulations for the use set forth in the special permit table, if any, are fulfilled.*

Section XX of the Ordinance governs Personal Wireless Communication Services. The proposed Facility satisfies the requirements of Section XX of the Ordinance and the special permit requirements. See Part IV below.

- 6. The requested use will not impair the integrity or character of the district or adjoining districts, nor be detrimental to the health or welfare.*

The Facility will not impair the integrity or character of the R3/DOD district or adjoining districts, nor be detrimental to the health or welfare. Since 2002, Sprint has maintained wireless

communications equipment at the site and Verizon is seeking to collocate similar equipment on the rooftop along with Sprint's equipment. As shown on the enclosed Plans, Verizon's equipment shall be located on the rooftop and it will have no negative impact on the integrity or character of the zoning district. The Facility is consistent with other current uses in the district that have historically been used.

7. *The requested use will not, by its addition to a neighborhood, cause an excess of that particular use that could be detrimental to the character of said neighborhood.*

The proposed Facility will have no substantial impact on the surrounding neighborhood. The Facility will successfully maintain the general character of the Property in its current state and, by allowing Verizon to collocate its equipment, it will reduce the number of towers located within Newburyport. As noted, Verizon's equipment will not substantially change the physical dimensions of the existing wireless equipment. Accordingly, Verizon's application represents an eligible facilities request under federal law.

8. *The proposed use is in harmony with the purpose and intent of this ordinance.*

In accordance with the general purpose, spirit and intent of the Ordinance, this application is for the collocation of wireless communications equipment on the existing facility at the Property and shall comply with all applicable Federal, State and local laws and regulations.

9. *The proposed use shall not be conducted in a manner as to emit any dangerous, noxious, injurious or otherwise objectionable fire, explosion, radioactive or other hazard, noise or vibration, smoke, dust, odor or other form of environmental pollution.*

The Facility is a passive use and will not cause any nuisance such as vibration, smoke, odors, waste or other form of environmental pollution. The installation of the Facility will not be a threat to public health, safety, or welfare. In fact, the Facility aids in public safety by providing and improving wireless communication services to the residents, businesses, commuters, and emergency personnel utilizing wireless communication in the immediate vicinity and along the nearby roads.

IV. ORDINANCE – SECTION XX PERSONAL WIRELESS COMMUNICATION SERVICES

Section XX of the Ordinance sets forth the standards for personal wireless service facilities for Zoning Board of Appeals special permit approval. Verizon lists (in *italics*) the relevant provisions of Section XX below and addresses relevant approval criteria as follows:

Section XX-E - [Special permit required.] A special permit (SP) shall be required from the zoning board of appeals (the "board") for any new personal wireless communication service facility including, and not limited to the antenna support structure of monopoles and for any proposed alteration, extension in height or the replacement thereof. (Ord. of 2-12-01(3), § 5)

In this instance, we have been instructed by the Zoning Determination dated January 23, 2019, to obtain a Special Permit from the Planning Board.

Section XX-F - [Height and location requirements.] All new personal wireless communication service facilities including and not limited to the antenna support structure of monopoles when allowed by special permit, shall not exceed one hundred fifty (150) feet in height nor be erected nearer to any property line than a distance equal to the vertical height of the support structure inclusive of its appurtenant device(s) measured at the mean finished grade, unless it is determined by the board that an increase in vertical distance is necessary or a reduction of vertical distance, in so far that the board determines that such increase or reduction will not substantially derogate from the intent or purpose of this section. (Ord. of 2-12-01(3), § 5).

This section is not applicable as the proposed installation is a rooftop wireless communications facility.

Section XX-G - [Types prohibited; location.] All new personal wireless communication service facilities designed as the following: antenna support structures, monopoles, lattice style towers, and satellite dishes over three (3) feet in diameter or antennas and similar structures requiring three (3) or more legs and/or guy wires for support structure shall be prohibited.

1. *In the following zoning districts: Ag/Con, R1, R2, R3, B1, B2, B3, WMD, and WMU within the City of Newburyport;**
2. *Within one hundred fifty (150) feet of the following residentially zoned neighborhoods: Ag/Con, R1, R2, R3, B3, WMD, and WMU;**
3. *Within one hundred and fifty (150) feet of a neighboring municipality boundary;**
4. *Within one hundred fifty (150) feet of the Merrimac River;**
5. *And within two hundred (200) feet of a residential structure.**

**With the exception of monopoles, antennas and facilities that use stealth technology on land and/or structures owned by the City of Newburyport, upon the issuance of a special permit from the board.*

New personal wireless communication service facilities except lattice style towers, satellite dishes over three (3) feet in diameter or antennas and similar structures requiring three (3) or more legs and/or guy wires for support shall be allowed in the following zoning districts: I1, and I2 within the City of Newburyport. (Ord. of 2-12-01(3), § 5; Ord. of 12-9-13(3))

This section is not applicable as the proposed installation is a rooftop wireless communications facility.

Ms. Bonnie Sontag, Planning Board
January 24, 2019
Page 6

Section XX-I - [Removal following cessation of use.] All personal wireless communication service facilities shall be removed within six (6) months of cessation of use. The owner of the facility shall inform the City of Newburyport when cessation occurs. (Ord. of 2-12-01(3), § 5)

Verizon will comply with the requirements of this section.

Section XX-J - [Bi-yearly filing of certification required.] All personal wireless communication service facility owners shall file with the board and with the building inspector bi-yearly certification demonstrating continuing compliance with the standards of the Federal Communications Commission, Federal Aviation Administration, and the American National Standards Institute and any required maintenance. (Ord. of 2-12-01(3), § 5)

Verizon will comply with the requirements of this section.

V. SUMMARY

In light of the foregoing and as illustrated on the enclosed Plans, Verizon respectfully requests that the Planning Board evaluate the attached Application materials and add Verizon to the Board's March 6, 2019 agenda. Please do not hesitate to contact me with any questions.

Thank you for your assistance with and attention to this matter.

Sincerely,



Victor V. Manougian

VVM/jle

Enclosures

cc: C. Glass, SAI Communications LLC (w/encl)

UPS Internet Shipping: View/Print Label

1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.
2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.
3. **GETTING YOUR SHIPMENT TO UPS**
Customers with a Daily Pickup
Your driver will pickup your shipment(s) as usual.

Customers without a Daily Pickup

Take your package to any location of The UPS Store®, UPS Access Point(TM) location, UPS Drop Box, UPS Customer Center, Staples® or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the 'Find Locations' Quick link at ups.com.

Schedule a same day or future day Pickup to have a UPS driver pickup all of your Internet Shipping packages. Hand the package to any UPS driver in your area.

UPS Access Point™
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218 BREMER ST
MANCHESTER ,NH 03102

UPS Access Point™
NHMNR-LOCKR-7-11 #33201
117 QUEEN CITY AVE
MANCHESTER ,NH 03103

UPS Access Point™
THE UPS STORE
373 S WILLOW ST
MANCHESTER ,NH 03103

FOLD HERE

<p>JANICE EDWARDS 603 628 1278 MCLANE MIDDLETON 900 ELM STREET MANCHESTER ,NH 03101</p> <p>SHIP TO: MS. BONNIE SONTAG, CHAIR CITY OF NEWBURYPORT 60 PLEASANT STREET PLANNING BOARD NEWBURYPORT MA 01950-2627</p>	<p>6 LBS PAK 1 OF 1</p>
 <p>MA 019 9-01</p> 	<p>UPS NEXT DAY AIR</p> <p>TRACKING #: 1Z 101 505 01 9056 4748</p> <p>1</p>
	<p>BILLING: P/P</p> <p>Reference#1: 109319 JLE</p> <p>UPS 21.0.23. WNTNVS09 09 01/2019</p> 

226955

54-49
114

MCLANE MIDDLETON, PROFESSIONAL ASSOCIATION

P.O. BOX 326
MANCHESTER, NH 03105

BANK OF AMERICA
MANCHESTER, NH 03105

Date: 1/22/2019

\$550.00

Pay: *****Five hundred fifty and 00/100

Pay To
The City of Newburyport
Order Of

Jacqueline A. Stone
AUTHORIZED SIGNATURE

⑆ 226955⑆ ⑆ 011400495⑆ ⑆ 9900 38627⑆

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City of Newburyport Planning Board
Instructions for an Application for a SPECIAL PERMIT

Instructions: The petitioner must submit one (1) .pdf and two (2) hard copies of the following information:

- a. X Completed Special Permit application form
- b. X Zoning Determination form from the Zoning Administrator indicating the need for a Planning Board Special Permit
- c. X Pursuant to M.G.L.s Ch. 40A Section 6 and the City's Zoning Ordinance Section X.H.7 Special Permits, the applicant must include a memo addressing the following Special Permit requirements:
 - a) The use requested is listed in the table of use regulations or elsewhere as in the ordinances requiring a Special Permit in the district for which application is made or is similar in character to permitted uses in a particular district but is not specifically mentioned.
 - b) The requested use is essential and/or desirable to the public convenience or welfare.
 - c) The requested use will not create undue traffic congestion, or unduly impair pedestrian safety.
 - d) The requested use will not overload any public water, drainage, or sewer system or any other municipal system to such an extent that the requested use or any developed use in the immediate area or in any other area of the city will be unduly subjected to hazards affecting health, safety, or the general welfare.
 - e) Any special regulations for the use set forth in the special permit table, if any, are fulfilled.
 - f) The requested use will not impair the integrity or character of the district or adjoining districts, nor be detrimental to the health or welfare.
 - g) The requested use will not, by its addition to a neighborhood, cause an excess of that particular use that could be detrimental to the character of said neighborhood.
 - h) The proposed use is in harmony with the purpose and intent of this ordinance.
 - i) The proposed use shall not be conducted in a manner as to emit any dangerous, noxious, injurious or otherwise objectionable fire, explosion, radioactive or other hazard, noise or vibration, smoke, dust, odor or other form of environmental pollution.
- d. X Assessor's Card available from the Assessor's Office or from <http://gis.vgqi.com/newburyportma/>
- e. X Plans and drawings clearly representing existing and proposed conditions. *Plan(s) shall include all the following requirements:*
 - North point, Date of Plan; Title of Plan, Location Address; Graphic Scale
 - Zoning district(s) and dimensional control requirements;
 - Wetlands (if applicable);
 - Property boundaries; locations of buildings on adjacent properties and dimensional setbacks from property lines;
 - Indicate the proposed dimensional setbacks of the proposed structure with the existing structure(s) dimensional controls;
 - Deed restrictions, easements, etc.;
 - Proposed features in solid lines; Features that are to be removed in dashed lines;
 - Name, address, and phone numbers of the Applicant, Owner, Designer, Engineer, or Surveyor.
- f. X Any other supplemental information such as memos, letters of support, photos, etc.

Filing fees: An administrative fee of \$200.00 plus a Publication and Abutters fee of \$350 is required at the time of application. Fees may be combined into one check made payable to the "City of Newburyport."

**City of Newburyport Planning Board
Application for a SPECIAL PERMIT**

The undersigned hereby submits an application for:

- Special Permit
- Special Permit amendment

Petitioner: Cellco Partnership d/b/a Verizon Wireless

Address: c/o McLane Middleton Professional Association,
P.O. Box 326, Manchester, NH 03105

Phone: 603-628-1310

Email: Victor.Manougian@McLane.com

Owner: Newburyport Housing Authority

Address: 25 Temple Street, Newburyport, MA 01950

Phone: 978-465-7216

Site Address: 25 Temple Street, Newburyport, MA 01950

Assessor's Map and Lot(s): Map 5, Lot 22 Zoning District: R3/DOD

Book and Page #: 5733/252 or Certificate of Title: _____

Ordinance section where relief is being requested:

- | | |
|---|--|
| <input type="checkbox"/> Table of Permitted Uses (V-D) | <input type="checkbox"/> Courts and Lanes (XXIII) |
| <input type="checkbox"/> One residential structure per lot (VI.C) | <input type="checkbox"/> Waterfront West Overlay District (XXIV) |
| <input type="checkbox"/> Open Space Residential Development (XIV) | <input type="checkbox"/> Towle Complex Redev. Overlay District (XXV) |
| <input type="checkbox"/> Water Resource Protection District (XIX) | <input checked="" type="checkbox"/> Other <u>XX-E and XXVII-C-2</u> |
| <input type="checkbox"/> Federal Street Overlay District (XXII) | |

Describe the Special Permit request:

The applicant is requesting a Special Permit under Sections XX-E and XXVII - Downtown Overlay District (DOD) for the following request:

To relocate and collocate wireless communications equipment on the existing building located at 25 Temple Street. Please see attached Zoning Drawings dated January 4, 2019.

Petitioner and Landowner signature(s):

Every application for a Special Permit shall be made on this form, which is the official form of the Planning Board. It shall be the responsibility of the petitioner to furnish all supporting documentation with this application. The dated copy of this application received by the City Clerk or Office of Planning and Development does not absolve the applicant from this responsibility. Failure to comply with application requirements as cited herein may result in the Planning Board dismissing the application as incomplete.

Signature of petitioner/owner: 

Print name(s) here: Victor V. Manougian, Attorney for Verizon Wireless

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LETTER OF AUTHORIZATION

Newburyport Housing Authority
25 Temple Street
Newburyport, MA 01950

10/24, 2018

Planning Department
Code Enforcement
Zoning Board of Appeals
City of Newburyport
60 Pleasant Street
Newburyport, MA 01950

Re: Authorization of Celco Partnership, d/b/a Verizon Wireless

Dear Ladies and Gentlemen:

The undersigned, as owner of premises in the City of Newburyport, located at 25 Temple Street, further described in the South Essex District Registry of Deeds at Book 5733, Page 252 (the "Property"), hereby authorizes Celco Partnership, d/b/a Verizon Wireless, and its attorneys, employees, agents, and consultants, to seek approval from the City of Newburyport (including, but not limited to, building permit, zoning relief, site plan review, and special permit) in connection with the construction and installation of a rooftop wireless communications facility on the Property.

Sincerely,
Newburyport Housing Authority,

By: 

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CITY OF NEWBURYPORT, MA
ZONING DETERMINATION

APR# 2019-008

Name: Verizon Wireless/ Victor Manougian (Attorney)

Address: 25 Temple Street Zoning District(s): R3/DOD

Request: Construct rooftop enclosure for additional wireless equipment for Verizon adjacent to existing Sprint wireless installation.

ZONING BOARD REVIEW REQUIRED

Variance

- Dimensional Controls (VI)
___ Lot Area ___ Open Space ___ Front Yard
___ Lot Frontage ___ Height ___ Side Yard
___ Lot Coverage ___ Lot Width ___ Rear Yard
Parking (VII)
Modification

Sign Variance

- Signs (VIII)
___ Type ___ Size
___ Lighting ___ Location

Special Permit

- Table of Use Regulations (V.D) #: _____
Spacing (VI.D)
In-Law Apartment (XIIA)
Bonus for Multifamily Developments (XVI)
Personal Wireless Communication Services (XX)
Demolition Control Overlay District (XXVIII)*
Wind Energy Conversion Facilities (XXVI)
Other _____

Special Permit for Non-Conformities

- Extension or Alteration (IX.B.2)
___ Parking ___ Rear Yard
___ Upward Extension ___ Lot Coverage
___ Open Space ___ Side Yard
___ Height ___ Lot Frontage
___ Lot Area ___ Front Yard
___ Use
Over 500 sf. increase (IX.B.3.c)
Plum Island Overlay District (XXI-G-3)
___ FAR ___ Height
___ Lot Coverage ___ Setbacks
___ Open Space

PLANNING BOARD REVIEW REQUIRED

Special Permit

- Table of Use Regulations (V-D) # _____
One residential structure per lot (VI.C)
Open Space Residential Development (XIV)
Water Resource Protection District (XIX)
Federal Street Overlay District (XXII)
Courts and Lanes (XXIII)
Waterfront West Overlay District (XXIV)
Towle Complex Redev. Overlay District (XXV)
Downtown Overlay District (XXVII)*
 Other XX-E SPGA in DOD XXVIIC-2

Special Permit for Non-Conformities

- Extension or Alteration (IX.B.2)
___ Parking ___ Rear Yard
___ Upward Extension ___ Lot Coverage
___ Open Space ___ Side Yard
___ Height ___ Lot Frontage
___ Lot Area ___ Front Yard
___ Use
Over 500 sf. increase (IX.B.3.c)

Smart Growth District (XXIX)

Plan Approval

HISTORICAL COMMISSION REVIEW REQUIRED

Demo. Delay *Advisory Review

CONSERVATION COMMISSION REVIEW REQUIRED

CITY COUNCIL REVIEW REQUIRED (X.H.9)


Newburyport Zoning Administrator 1/23/2019
Date

4

25 TEMPLE ST

Location 25 TEMPLE ST

MBLU 5/ 22/ / /

Owner NEWBURYPORT HOUSING AUTH

Assessment \$5,717,500

PID 185

Building Count 1

Current Value

Valuation Year	Assessment		Total
	Improvements	Land	
2019	\$4,693,000	\$1,024,500	\$5,717,500

Owner of Record

Owner NEWBURYPORT HOUSING AUTH

Sale Price \$0

Co-Owner

Certificate

Address 25 TEMPLE STREET

Book & Page 5733/ 252

NEWBURYPORT, MA 01950

Sale Date 12/14/1970

Ownership History

Ownership History				
Owner	Sale Price	Certificate	Book & Page	Sale Date
NEWBURYPORT HOUSING AUTH	\$0		5733/ 252	12/14/1970

Building Information

Building 1 : Section 1

Year Built: 1972

Living Area: 63,288

Building Attributes	
Field	Description
STYLE	High Rise Apt
MODEL	Commercial
Stories:	7
Occupancy	100
Exterior Wall 1	Brick/Masonry
Exterior Wall 2	
Roof Structure	Flat

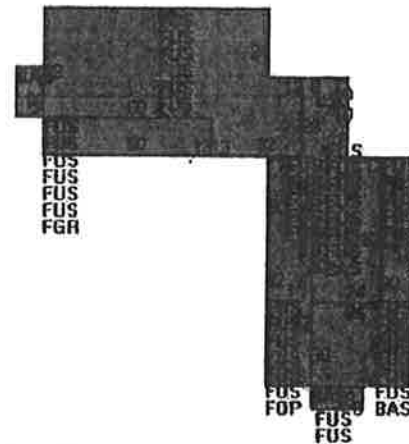
Roof Cover	Tar & Gravel
Interior Wall 1	Drywall/Sheet
Interior Wall 2	
Interior Floor 1	Vinyl/Asphalt
Interior Floor 2	Carpet
Heating Fuel	Electric
Heating Type	Electr Basebrd
AC Type	None
Bldg Use	MUNICIPAL MDL-94
Total Rooms	
Total Bedrms	100
Total Baths`	100
1st Floor Use:	903C
Heat/AC	NONE
Frame Type	MASONRY
Baths/Plumbing	AVERAGE
Ceiling/Wall	CEIL & WALLS
Rooms/Prtns	AVERAGE
Wall Height	10
% Corn Wall	0

Building Photo



(<http://images.vgsi.com/photos/NewburyportMAPotos//\01\00\>)

Building Layout



(<http://images.vgsi.com/photos/NewburyportMAPotos//Sketches/>)

Building Sub-Areas (sq ft)			Legend	
Code	Description	Gross Area	Living Area	
FUS	Upper Story, Finished	55,860	55,860	
BAS	First Floor	7,428	7,428	
FEP	Porch, Enclosed	100	0	
FGR	Garage, Attached	780	0	
FOP	Porch, Open	1,042	0	
		65,210	63,288	

Extra Features

Extra Features				Legend	
Code	Description	Size	Value	Bldg #	
SPR2	WET/CONCEALED	65181 S.F.	\$168,400		1
ELV1	ELEVATOR RES	1 UNITS	\$10,200		1
ELV1	ELEVATOR RES	1 UNITS	\$10,200		1

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NEXIUS

VERIZON WIRELESS

PROPOSED WIRELESS TELECOMMUNICATIONS FACILITY

NEWBURYPORT_RELO_MA

www.nexius.com



EXCELLENCE

One Team,
Passionate about Excellence



INTEGRITY

Honesty is the Only Policy



COLLABORATION

One Team,
Passionate about Excellence



INNOVATION

Be Curious, Ask Questions
Create Solutions

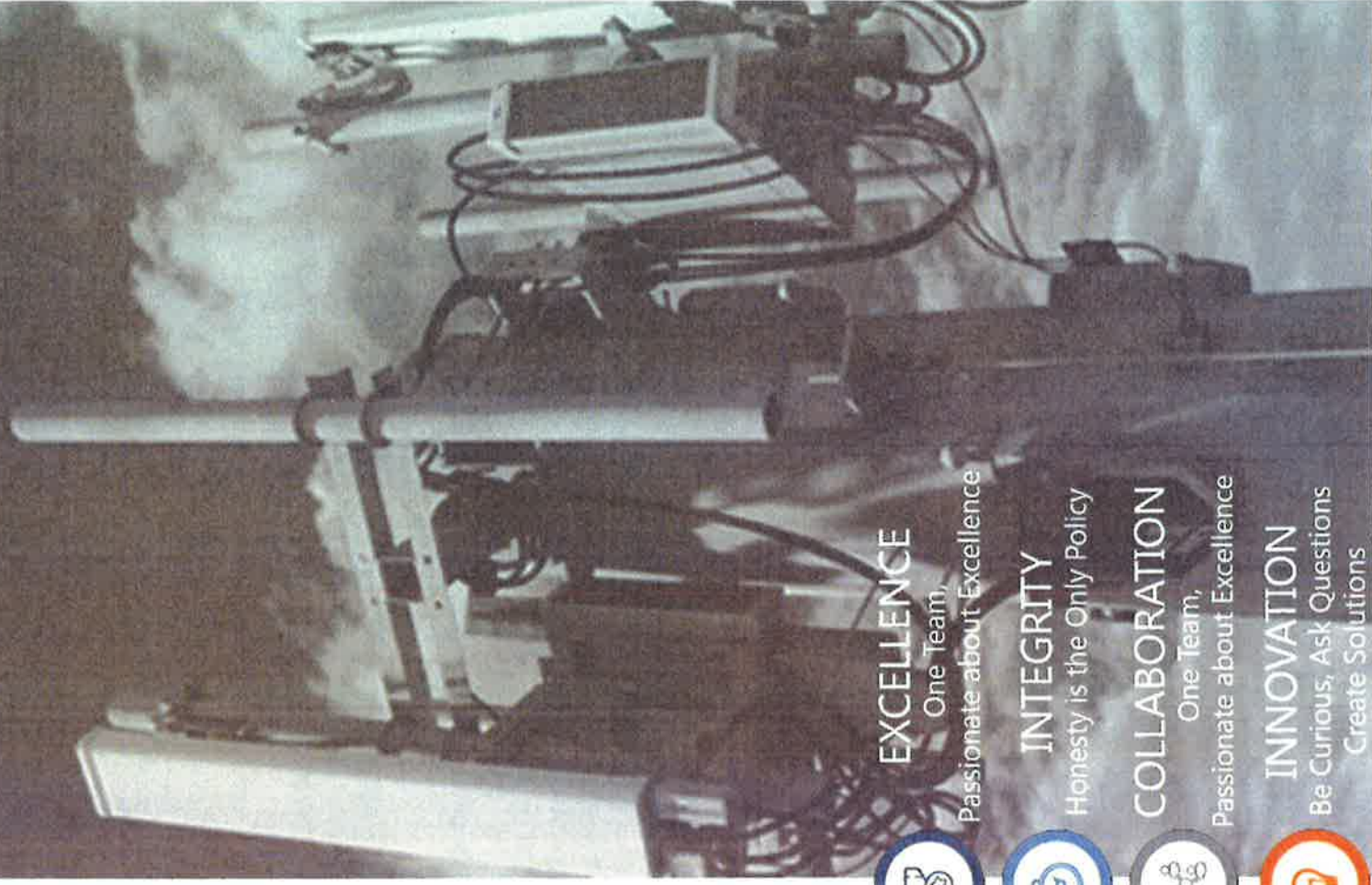


PHOTO SIMULATION LETTER OF METHODOLOGY

PROPOSED WIRELESS TELECOMMUNICATIONS INSTALLATION

CLIENT: VERIZON WIRELESS

SITE NAME: NEWBURYPORT_RELO_MA

The following is a description of the methods used by Nexius in preparing the Visual Analysis of a post construction, Verizon Wireless Installation for the site located at 25 Temple Street, Newburyport, MA 01950.

The proposed facility consists of installing six antenna on the façade of 25 Temple Street. The additional installation of eight more antenna on non-penetrating antenna sleds. There will also be sixteen Radios (4 per sector) and 4 OVP Boxes (1 per sector) installed behind the façade or on the proposed antenna sleds. The installation will also include an equipment shelter and generator on a raised platform on the rooftop of 25 Temple Street.

A site visit was made on 02/05/18 and photographs were taken from specific locations around the Facility. The actual weather condition was partially cloudy and visibility was within acceptable levels to conduct the Visual Analysis.

Using technical and mechanical specification documents we built and arranged the equipment using Autodesk 3ds Max software. Autodesk 3ds Max allows us to add a daylight system that calculates which direction the sun will point according to the date and time of day in which the photographs were taken. The next step involves loading a map with the photo-location points into Autodesk 3ds Max. Virtual cameras are then inserted into the scene and placed according to where the photo-locations lay. These cameras represent the photographer who took the photographs and take into consideration the average height at which the camera would have been held by an average 5'-6" person. Due to the cameras being located correctly they automatically calculate the exact distance and perspective of the proposed equipment. This generates simulated 3D views of the proposed equipment from the photographer's view point. Once these simulated viewpoints are created in Autodesk 3ds Max, realistic lighting, shadows and materials are rendered upon the proposed equipment. The result is multiple images that depict the proposed equipment placed "inside" the photograph of the existing environment.

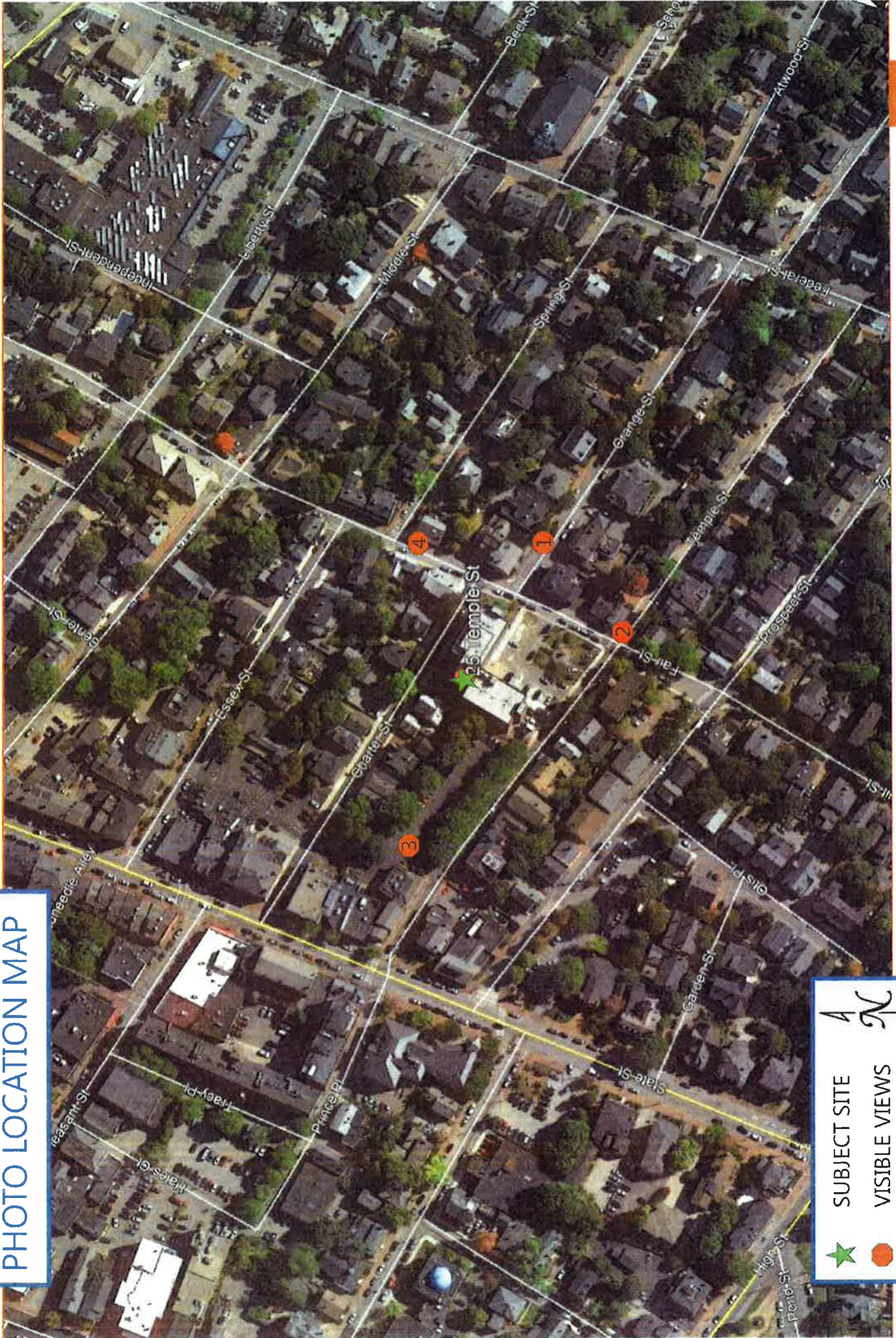
The new images created by 3ds Max are imported into Adobe Photoshop and laid over the existing image. These images are then brought into Microsoft PowerPoint and each view is labeled accordingly based upon the information provided by the field technician. The final product results in high quality "before and after" images that accurately depict the addition of future equipment, not yet built, to existing photographs.

NOTE: These photo simulations are intended to represent modifications relative to a person observing the aesthetics of the proposed telecommunications installation. Therefore, they are inherently approximate in nature and should not be used as an exact, scaled engineering drawing.

NEXIUS

7A LYBERTY WAY
WESTFORD, MA 01886
1 (972) 755-1882

PHOTO LOCATION MAP



Legend:

- ★ SUBJECT SITE
- VISIBLE VIEWS
- NON-VISIBLE VIEWS

VIEW 1



EXISTING CONDITIONS; LOOKING NORTHWEST AT 25 TEMPLE STREET

VIEW 1



PROPOSED CONDITIONS: LOOKING NORTHWEST AT 25 TEMPLE STREET



VIEW 2



PROPOSED CONDITIONS: LOOKING NORTH-NORTHWEST AT 25 TEMPLE STREET



EXISTING CONDITIONS: LOOKING EAST-SOUTHEAST AT 25 TEMPLE STREET









Thank you!

NEXIUS
www.nexius.com

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REFERENCE COPY

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.



Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: BELL ATLANTIC MOBILE SYSTEMS OF ALLENTOWN, INC.

ATTN: REGULATORY
 BELL ATLANTIC MOBILE SYSTEMS OF ALLENTOWN, INC.
 5055 NORTH POINT PK WY, NP2NE NETWORK ENGINEERING
 ALPHARETTA, GA 30022

Call Sign KNKN812	File Number
Radio Service CL - Cellular	
Market Numer CMA549	Channel Block B
Sub-Market Designator 0	

FCC Registration Number (FRN): 0003301512

Market Name New Hampshire 2 - Carroll				
Grant Date 08-30-2011	Effective Date 11-01-2016	Expiration Date 10-01-2021	Five Yr Build-Out Date	Print Date

Site Information:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
3	43-13-09.3 N	071-26-23.7 W	301.1	57.9	1049982

Address: (Concord Site) 885 PLAUSAWA HILL ROAD
City: PEMBROKE **County:** MERRIMACK **State:** NH **Construction Deadline:**

Antenna: 4 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	190.200	205.300	202.300	208.800	232.400	211.600	224.900	214.200
Transmitting ERP (watts)	378.050	107.030	3.780	0.990	0.990	0.990	4.340	117.250
Antenna: 5 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	190.200	205.300	202.300	208.800	232.400	211.600	224.900	214.200
Transmitting ERP (watts)	0.890	29.780	250.080	387.670	129.610	6.090	0.890	0.890
Antenna: 6 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	190.200	205.300	202.300	208.800	232.400	211.600	224.900	214.200
Transmitting ERP (watts)	0.990	0.990	0.990	7.110	147.540	370.030	81.150	2.440

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: BELL ATLANTIC MOBILE SYSTEMS OF

Call Sign: KNKN812

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
4	43-23-52.0 N	071-33-01.0 W	446.8	60.3	1033930

Address: Highland Ski Area - Bean Hill Road

City: Northfield County: MERRIMACK State: NH Construction Deadline:

Antenna: 4 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	290.500	276.200	241.300	307.500	331.700	354.800	306.000	350.300
Transmitting ERP (watts)	89.130	93.330	40.740	5.620	0.270	0.200	3.240	31.620
Antenna: 5 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	290.500	276.200	241.300	307.500	331.700	354.800	306.000	350.300
Transmitting ERP (watts)	0.330	7.580	45.500	62.790	57.310	23.110	1.890	0.200
Antenna: 6 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	290.500	276.200	241.300	307.500	331.700	354.800	306.000	350.300
Transmitting ERP (watts)	11.480	0.590	0.200	1.260	16.600	74.130	100.000	61.660

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
6	43-57-32.2 N	071-33-21.3 W	1178.4	36.6	

Address: 15.6 miles SW Plymouth

City: Waterville Valley County: GRAFTON State: NH Construction Deadline:

Antenna: 2 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	474.500	490.300	433.500	643.100	693.000	850.100	730.600	713.000
Transmitting ERP (watts)	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
7	44-04-13.3 N	071-13-10.3 W	682.7	12.2	

Address: ROUTE 302

City: BARTLETT County: CARROLL State: NH Construction Deadline:

Antenna: 3 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	268.100	355.900	422.600	519.700	281.400	146.600	266.000	32.900
Transmitting ERP (watts)	22.320	25.660	8.580	0.480	0.100	0.100	0.220	5.190
Antenna: 4 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	268.100	355.900	422.600	519.700	281.400	146.600	266.000	32.900
Transmitting ERP (watts)	3.870	0.200	0.200	0.200	5.120	41.480	69.260	36.940

Licensee Name: BELL ATLANTIC MOBILE SYSTEMS OF

Call Sign: KNKN812

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
8	43-36-46.8 N	071-03-12.4 W	330.7	65.7	1044047

Address: (Long Mountain) JUNIPER RIDGE ROAD

City: WAKEFIELD County: CARROLL State: NH Construction Deadline:

Antenna: 4 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	194.500	155.900	205.500	170.700	184.500	156.600	196.700	114.800
Transmitting ERP (watts)	212.710	25.910	0.680	0.680	0.680	0.680	35.280	218.500
Antenna: 5 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	194.500	155.900	205.500	170.700	184.500	156.600	196.700	114.800
Transmitting ERP (watts)	1.010	71.790	162.280	104.610	3.870	0.680	0.680	0.680
Antenna: 6 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	194.500	155.900	205.500	170.700	184.500	156.600	196.700	114.800
Transmitting ERP (watts)	0.680	0.680	0.680	2.440	87.060	164.500	90.930	1.550

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
9	43-22-18.4 N	071-59-23.7 W	558.4	30.5	

Address: (Kling Ridge site) Off Summit Road

City: Sutton County: MERRIMACK State: NH Construction Deadline:

Antenna: 3 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	135.100	280.000	193.500	323.700	303.800	80.100	264.500	210.000
Transmitting ERP (watts)	2.620	99.620	10.190	1.000	1.000	1.000	1.000	1.000
Antenna: 4 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	135.100	280.000	193.500	323.700	303.800	80.100	264.500	210.000
Transmitting ERP (watts)	1.000	1.000	26.810	99.620	10.190	1.000	1.000	1.000
Antenna: 5 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	135.100	280.000	193.500	323.700	303.800	80.100	264.500	210.000
Transmitting ERP (watts)	3.670	1.000	1.000	1.000	1.000	1.000	1.340	4.880

Licensee Name: BELL ATLANTIC MOBILE SYSTEMS OF

Call Sign: KNKN812

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
10	44-03-33.7 N	071-05-28.0 W	493.8	40.8	1233142

Address: ATOP MT. CRANMORE, OFF SKI MOBILE ROAD

City: Conway County: CARROLL State: NH Construction Deadline:

Antenna: 4 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-10.100	356.400	379.700	381.700	347.200	304.100	179.100	279.700
Transmitting ERP (watts)	25.890	64.600	54.870	11.830	0.270	0.200	0.200	1.560
Antenna: 5 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-10.100	356.400	379.700	381.700	347.200	304.100	179.100	279.700
Transmitting ERP (watts)	0.200	0.200	5.250	42.420	67.610	39.590	4.790	0.200
Antenna: 6 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-10.100	356.400	379.700	381.700	347.200	304.100	179.100	279.700
Transmitting ERP (watts)	24.220	1.490	0.200	0.200	0.270	13.280	56.150	64.520

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
11	43-01-19.0 N	071-24-16.6 W	122.5	54.9	

Address: 85 Londonderry Turnpike

City: Hooksett County: MERRIMACK State: NH Construction Deadline: 10-15-2005

Antenna: 4 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	13.400	10.400	44.200	48.500	68.300	73.000	55.000	31.600
Transmitting ERP (watts)	31.370	50.830	27.910	3.260	0.110	0.110	0.110	4.320
Antenna: 5 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	13.400	10.400	44.200	48.500	68.300	73.000	55.000	31.600
Transmitting ERP (watts)	0.110	0.480	9.360	28.860	30.490	14.590	0.990	0.110
Antenna: 6 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	13.400	10.400	44.200	48.500	68.300	73.000	55.000	31.600
Transmitting ERP (watts)	7.680	0.270	0.110	0.110	1.660	19.400	50.940	37.330

Control Points:

Control Pt. No. 1

Address: 500 West Dove Rd.

City: Southlake County: TARRANT State: TX Telephone Number: (800)264-6620

Licensee Name: BELL ATLANTIC MOBILE SYSTEMS OF

Call Sign: KNKN812

File Number:

Print Date:

Waivers/Conditions:

THIS AUTHORIZATION IS SUBJECT TO THE CONDITION THAT, IN THE EVENT THAT CELLULAR SYSTEMS USING THE SAME FREQUENCY BLOCK AS GRANTED HEREIN ARE AUTHORIZED IN ADJACENT TERRITORY IN CANADA, COORDINATION OF ANY OF THE LICENSEE'S TRANSMITTER INSTALLATIONS WHICH ARE WITHIN 45 MILES OF THE U.S. CANADA BORDER SHALL BE REQUIRED TO ELIMINATE ANY HARMFUL INTERFERENCE THAT MIGHT OTHERWISE EXIST AND TO INSURE CONTINUANCE OF EQUAL ACCESS TO THE FREQUENCY BLOCK BY BOTH COUNTRIES.

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

REFERENCE COPY

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.



**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: RURAL CELLULAR CORPORATION

ATTN: REGULATORY
RURAL CELLULAR CORPORATION
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign KNLF937	File Number 0007638851
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0003715919

Grant Date 03-31-2017	Effective Date 03-31-2017	Expiration Date 04-28-2027	Print Date 04-01-2017
Market Number BTA274	Channel Block F	Sub-Market Designator 0	
Market Name Manchester-Nashua-Concord, NH			
1st Build-out Date 04-28-2002	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This authorization is subject to the condition that, in the event that systems using the same frequencies as granted herein are authorized in an adjacent foreign territory (Canada/United States), future coordination of any base station transmitters within 72 km (45 miles) of the United States/Canada border shall be required to eliminate any harmful interference to operations in the adjacent foreign territory and to ensure continuance of equal access to the frequencies by both countries.

This authorization is conditioned upon the full and timely payment of all monies due pursuant to Sections 1.2110 and 24.716 of the Commission's Rules and the terms of the Commission's installment plan as set forth in the Note and Security Agreement executed by the licensee. Failure to comply with this condition will result in the automatic cancellation of this authorization.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: RURAL CELLULAR CORPORATION

Call Sign: KNLF937

File Number: 0007638851

Print Date: 04-01-2017

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

Reference Copy

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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PK WY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign KNLG267	File Number 0007640016
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0003290673

Grant Date 04-04-2017	Effective Date 04-04-2017	Expiration Date 04-28-2027	Print Date 04-05-2017
Market Number BTA274	Channel Block E	Sub-Market Designator 0	
Market Name Manchester-Nashua-Concord, NH			
1st Build-out Date 04-28-2002	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This authorization is subject to the condition that, in the event that systems using the same frequencies as granted herein are authorized in an adjacent foreign territory (Canada/United States), future coordination of any base station transmitters within 72 km (45 miles) of the United States/Canada border shall be required to eliminate any harmful interference to operations in the adjacent foreign territory and to ensure continuance of equal access to the frequencies by both countries.

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

Conditions:
Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNLG267

File Number: 0007640016

Print Date: 04-05-2017

This authorization is subject to the condition that the remaining balance of the winning bid amount will be paid in accordance with Part 1 of the Commission's rules, 47 C.F.R. Part 1.

Reference Copy

REFERENCE COPY

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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: CELCO PARTNERSHIP

ATTN: REGULATORY
 CELCO PARTNERSHIP
 5055 NORTH POINT PK WY, NP2NE NETWORK ENGINEERING
 ALPHARETTA, GA 30022

Call Sign KNLG733	File Number 0007639986
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0003290673

Grant Date 04-04-2017	Effective Date 04-04-2017	Expiration Date 04-28-2027	Print Date 04-05-2017
Market Number BTA249	Channel Block F	Sub-Market Designator 1	
Market Name Lebanon-Claremont, NH			
1st Build-out Date 04-28-2002	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This authorization is subject to the condition that, in the event that systems using the same frequencies as granted herein are authorized in an adjacent foreign territory (Canada/United States), future coordination of any base station transmitters within 72 km (45 miles) of the United States/Canada border shall be required to eliminate any harmful interference to operations in the adjacent foreign territory and to ensure continuance of equal access to the frequencies by both countries.

This authorization is conditioned upon the full and timely payment of all monies due pursuant to Sections 1.2110 and 24.716 of the Commission's Rules and the terms of the Commission's installment plan as set forth in the Note and Security Agreement executed by the licensee. Failure to comply with this condition will result in the automatic cancellation of this authorization.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNLG733

File Number: 0007639986

Print Date: 04-05-2017

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

Reference Copy



**Federal Communications Commission
Wireless Telecommunications Bureau**

Spectrum Leasing Arrangement

ATTN: REGULATORY
BELL ATLANTIC MOBILE SYSTEMS OF ALLENTOWN, INC.
1120 SANCTUARY PKWY #150 - GASA5REG
ALPHARETTA, GA 30009

Date: 02/14/2018
Reference Number:

This approval allows the Lessee to lease spectrum from the Licensee pursuant to the provisions and requirements of Subpart X of Part 1 of the Commission's Rules, 47 C.F.R. Part 1, and as described in the associated spectrum leasing application or notification.

Type of Lease Arrangement	Lease Term	Lease Identifier
Spectrum Manager Lease	Long Term	L000019080

Lease Grant/Accepted Date	Lease Commencement Date	Lease Expiration Date
04/25/2016	02/09/2016	06/13/2019

Call Sign	Radio Service
WQJQ689	WU - 700 MHz Upper Band (Block C)

Lessee Information

0003301512
BELL ATLANTIC MOBILE SYSTEMS OF ALLENTOWN, INC.
Attn: REGULATORY
1120 SANCTUARY PKWY #150 - GASA5REG
ALPHARETTA, GA 30009

Licensee Information

0003290673
CELLCO PARTNERSHIP
Attn: REGULATORY
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Geographically-Licensed Services		
Market Number	Market Name	Channel Block
REA001	Northeast	C

Condition:
 This lease may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum associated with this leasing agreement, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

Conditions:
 Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.



Federal Communications Commission
Wireless Telecommunications Bureau

Spectrum Leasing Arrangement

ATTN: REGULATORY
BELL ATLANTIC MOBILE SYSTEMS OF ALLENTOWN, INC.
1120 SANCTUARY PKWY #150 - GASASREG
ALPHARETTA, GA 30009

Date: 02/14/2018
Reference Number:

This approval allows the Lessee to lease spectrum from the Licensee pursuant to the provisions and requirements of Subpart X of Part 1 of the Commission's Rules, 47 C.F.R. Part 1, and as described in the associated spectrum leasing application or notification.

Type of Lease Arrangement	Lease Term	Lease Identifier
Spectrum Manager Lease	Long Term	L000019065

Lease Grant/Accepted Date	Lease Commencement Date	Lease Expiration Date
04/22/2016	02/09/2016	12/31/2019

Call Sign	Radio Service
KNLF937	CW - PCS Broadband

Lessee Information

0003301512
BELL ATLANTIC MOBILE SYSTEMS OF ALLENTOWN, INC.
Attn: REGULATORY
1120 SANCTUARY PKWY #150 - GASASREG
ALPHARETTA, GA 30009

Licensee Information

0003715919
RURAL CELLULAR CORPORATION
Attn: REGULATORY
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Geographically-Licensed Services		
Market Number	Market Name	Channel Block
BTA274	Manchester-Nashua-Concord, NH	F

Condition:

This lease may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum associated with this leasing agreement, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.



Federal Communications Commission
Wireless Telecommunications Bureau

Spectrum Leasing Arrangement

ATTN: REGULATORY
CELLCO PARTNERSHIP
1120 SANCTUARY PKWY #150 - GASA5REG
ALPHARETTA, GA 30009

Date: 02/14/2018
Reference Number:

This approval allows the Lessee to lease spectrum from the Licensee pursuant to the provisions and requirements of Subpart X of Part 1 of the Commission's Rules, 47 C.F.R. Part 1, and as described in the associated spectrum leasing application or notification.

Type of Lease Arrangement	Lease Term	Lease Identifier
De Facto Transfer Lease	Long Term	L000019973

Lease Grant/Accepted Date	Lease Commencement Date	Lease Expiration Date
07/26/2016	07/27/2016	10/06/2018

Call Sign	Radio Service
WPOH959	LD - Local Multipoint Distribution Service

Lessee Information

0003290673
CELLCO PARTNERSHIP
Attn: REGULATORY
1120 SANCTUARY PKWY #150 - GASA5REG
ALPHARETTA, GA 30009

Licensee Information

0014286934
NEXTLINK WIRELESS, LLC
Attn: LICENSING MANAGER
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Geographically-Licensed Services		
Market Number	Market Name	Channel Block
BTA274	Manchester-Nashua-Concord, NH	A

Condition:

This lease may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum associated with this leasing agreement, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

REFERENCE COPY

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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
1120 SANCTUARY PKWY, #150 GASA5REG
ALPHARETTA, GA 30009-7630

Call Sign WQGB266	File Number 0006150458
Radio Service AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

FCC Registration Number (FRN): 0003290673

Grant Date 11-29-2006	Effective Date 01-04-2014	Expiration Date 11-29-2021	Print Date 02-14-2014
Market Number CMA006	Channel Block A	Sub-Market Designator 0	
Market Name Boston-Lowell-Brockton-Lawrenc			
1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations. See, e.g., FCC and NTIA Coordination Procedures in the 1710-1755 MHz Band, Public Notice, FCC 06-50, WTB Docket No. 02-353, rel. April 20, 2006.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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Licensee Name: CELLCO PARTNERSHIP

Call Sign: WQGH266

File Number: 0006150458

Print Date: 02-14-2014

The license is subject to compliance with the provisions of the January 12, 2001 Agreement between Deutsche Telekom AG, VoiceStream Wireless Corporation, VoiceStream Wireless Holding Corporation and the Department of Justice (DOJ) and the Federal Bureau of Investigation (FBI), which addresses national security, law enforcement, and public safety issues of the FBI and the DOJ regarding the authority granted by this license. Nothing in the Agreement is intended to limit any obligation imposed by Federal law or regulation including, but not limited to, 47 U.S.C. Section 222(a) and (c)(1) and the FCC's implementing regulations. The Agreement is published at VoiceStream-DT Order, 1B Docket No. 00-187, FCC 01-142, 16 FCC Red 9779, 9853 (2001).

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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELCO PARTNERSHIP

ATTN: REGULATORY
 CELCO PARTNERSHIP
 1120 SANCTUARY PKWY, #150 GASA5REG
 ALPHARETTA, GA 30009

Call Sign WQGA900	File Number 0006150134
Radio Service AW - AWS, 1710-1755/2110-2155 MHz bands	

FCC Registration Number (FRN): 0003290673

Grant Date 11-29-2006	Effective Date 12-28-2013	Expiration Date 11-29-2021	Print Date 02-14-2014
Market Number BEA003	Channel Block B	Sub-Market Designator 1	
Market Name Boston-Worcester-Lawrence-Lowe			
1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations. See, e.g., FCC and NTIA Coordination Procedures in the 1710-1755 MHz Band, Public Notice, FCC 06-50, WTB Docket No. 02-353, rel. April 20, 2006.

AWS operations must not cause harmful interference across the Canadian or Mexican Border. The authority granted herein is subject to future international agreements with Canada or Mexico, as applicable.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: AIRTOUCH CELLULAR

ATTN: REGULATORY
AIRTOUCH CELLULAR
5055 NORTH POINT PK WY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign KNLF646	File Number 0007490665
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0006146468

Grant Date 12-02-2016	Effective Date 12-02-2016	Expiration Date 01-03-2027	Print Date 12-03-2016
Market Number BTA051	Channel Block C	Sub-Market Designator 1	
Market Name Boston, MA			
1st Build-out Date 12-07-2003	2nd Build-out Date 01-03-2007	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This authorization is subject to the condition that, in the event that systems using the same frequencies as granted herein are authorized in an adjacent foreign territory (Canada/United States), future coordination of any base station transmitters within 72 km (45 miles) of the United States/Canada border shall be required to eliminate any harmful interference to operations in the adjacent foreign territory and to ensure continuance of equal access to the frequencies by both countries.

Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at <http://wireless.fcc.gov/uls/index.htm?job=home> and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: AIRTOUCH CELLULAR

Call Sign: KNLF646

File Number: 0007490665

Print Date: 12-03-2016

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
5055 NORTH POINT PKWY, NP2NE NETWORK ENGINEERING
ALPHARETTA, GA 30022

Call Sign KNLH242	File Number 0007716969
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0003290673

Grant Date 06-02-2017	Effective Date 06-02-2017	Expiration Date 06-27-2027	Print Date 06-06-2017
Market Number BTA051	Channel Block F	Sub-Market Designator 0	
Market Name Boston, MA			
1st Build-out Date 06-27-2002	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This authorization is subject to the condition that, in the event that systems using the same frequencies as granted herein are authorized in an adjacent foreign territory (Canada/United States), future coordination of any base station transmitters within 72 km (45 miles) of the United States/Canada border shall be required to eliminate any harmful interference to operations in the adjacent foreign territory and to ensure continuance of equal access to the frequencies by both countries.

This authorization is conditioned upon the full and timely payment of all monies due pursuant to Sections 1.2110 and 24.716 of the Commission's Rules and the terms of the Commission's installment plan as set forth in the Note and Security Agreement executed by the licensee. Failure to comply with this condition will result in the automatic cancellation of this authorization.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNLI1242

File Number: 0007716969

Print Date: 06-06-2017

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
1120 SANCTUARY PK WY, #150 GASA5REG
ALPHARETTA, GA 30009-7630

Call Sign WQJQ689	File Number
Radio Service WU - 700 MHz Upper Band (Block C)	

FCC Registration Number (FRN): 0003290673

Grant Date 11-26-2008	Effective Date 05-28-2014	Expiration Date 06-13-2019	Print Date
Market Number REA001	Channel Block C	Sub-Market Designator 0	
Market Name Northeast			
1st Build-out Date 06-13-2013	2nd Build-out Date 06-13-2019	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

If the facilities authorized herein are used to provide broadcast operations, whether exclusively or in combination with other services, the licensee must seek renewal of the license either within eight years from the commencement of the broadcast service or within the term of the license had the broadcast service not been provided, whichever period is shorter in length. See 47 CFR §27.13(b).

This authorization is conditioned upon compliance with section 27.16 of the Commission's rules

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
1120 SANCTUARY PKWY, #150 GASA5REG
ALPHARETTA, GA 30009-7630

Call Sign KNKA201	File Number 0006356224
Radio Service CL - Cellular	
Market Numer CMA006	Channel Block B
Sub-Market Designator 0	

FCC Registration Number (FRN): 0003290673

Market Name Boston-Lowell-Brockton-Lawrenc
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Grant Date 08-26-2014	Effective Date 08-26-2014	Expiration Date 10-01-2024	Five Yr Build-Out Date	Print Date 08-26-2014
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Site Information:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
1	42-38-26.3 N	070-36-25.2 W	36.3	35.7	
Address: (Rockport) Thatcher Road					
City: Rockport County: ESSEX State: MA Construction Deadline:					

Antenna: 5 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	70.400	34.100	34.100	34.100	70.400	67.800	55.200	61.300
Transmitting ERP (watts)	246.920	325.500	33.310	0.940	0.820	0.820	1.210	20.070
Antenna: 6 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	70.400	34.100	34.100	34.100	70.400	67.800	55.200	61.300
Transmitting ERP (watts)	0.820	3.330	54.020	373.730	191.670	10.780	0.820	0.820
Antenna: 7 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	70.400	34.100	34.100	34.100	70.400	67.800	55.200	61.300
Transmitting ERP (watts)	3.330	0.820	0.820	0.820	7.810	126.630	409.780	89.650

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKA201

File Number: 0006356224

Print Date: 08-26-2014

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
4	42-08-56.4 N	071-24-55.2 W	75.6	44.2	

Address: 113 Main Street
City: Medway County: NORFOLK State: MA Construction Deadline:

Antenna: 4 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	59.500	66.700	61.200	46.900	23.900	39.300	13.900	12.300
Transmitting ERP (watts)	81.280	89.130	24.550	1.120	0.200	0.200	0.420	16.600
Antenna: 5 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	59.500	66.700	61.200	46.900	23.900	39.300	13.900	12.300
Transmitting ERP (watts)	0.200	2.000	33.800	95.500	67.610	10.700	0.200	0.200
Antenna: 6 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	59.500	66.700	61.200	46.900	23.900	39.300	13.900	12.300
Transmitting ERP (watts)	3.890	0.200	0.200	0.200	6.760	57.540	100.000	44.670

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
9	42-11-42.4 N	070-49-10.2 W	57.9	56.1	

Address: (Scituate) OFF CLAPP RD
City: SCITUATE County: PLYMOUTH State: MA Construction Deadline:

Antenna: 7 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	105.300	106.100	93.800	85.900	95.600	76.500	81.800	104.300
Transmitting ERP (watts)	172.400	167.230	26.990	1.190	0.960	0.960	1.720	28.870
Antenna: 8 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	105.300	106.100	93.800	85.900	95.600	76.500	81.800	104.300
Transmitting ERP (watts)	0.980	3.910	54.020	409.780	200.700	15.220	0.980	0.980
Antenna: 9 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	105.300	106.100	93.800	85.900	95.600	76.500	81.800	104.300
Transmitting ERP (watts)	4.490	0.980	0.980	1.300	10.060	123.750	449.320	96.060

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKA201

File Number: 0006356224

Print Date: 08-26-2014

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
10	42-52-57.3 N	071-16-28.2 W	163.0	58.2	

Address: (Derry) 46 FLOYD ROAD
City: DERRY County: ROCKINGHAM State: NH Construction Deadline:

Antenna: 4 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	82.200	129.400	144.500	155.100	136.800	127.900	126.200	118.100
Transmitting ERP (watts)	31.810	146.820	102.310	15.410	1.000	1.000	1.000	1.130
Antenna: 5 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	82.200	129.400	144.500	155.100	136.800	127.900	126.200	118.100
Transmitting ERP (watts)	1.000	1.000	4.660	82.110	250.350	80.300	3.790	1.000
Antenna: 6 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	80.200	129.400	144.500	155.100	136.800	127.900	126.200	118.100
Transmitting ERP (watts)	32.480	1.680	1.000	1.000	1.000	13.740	107.220	143.470

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
12	41-52-08.3 N	070-52-56.1 W	29.6	58.2	

Address: (Middleboro) E. GROVE ST.
City: MIDDLESBORO County: PLYMOUTH State: MA Construction Deadline:

Antenna: 7 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	57.600	32.400	40.200	47.600	44.900	41.300	50.300	52.600
Transmitting ERP (watts)	277.330	364.730	40.890	2.250	0.960	0.960	2.410	20.640
Antenna: 8 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	57.600	32.400	40.200	47.600	44.900	41.300	50.300	52.600
Transmitting ERP (watts)	0.960	3.730	61.620	418.280	215.780	13.090	1.700	0.960
Antenna: 9 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	57.600	32.400	40.200	47.600	44.900	41.300	50.300	52.600
Transmitting ERP (watts)	5.070	1.130	0.610	1.600	5.050	89.040	278.490	66.210

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKA201

File Number: 0006356224

Print Date: 08-26-2014

Location Latitude Longitude Ground Elevation Structure Hgt to Tip Antenna Structure
(meters) (meters) Registration No.
14 42-28-06.3 N 071-27-16.2 W 102.1 54.0
Address: Main Street
City: South Acton County: MIDDLESEX State: MA Construction Deadline:

Antenna: 4 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	69.000	79.000	105.500	96.200	72.600	76.300	47.400	58.700
Transmitting ERP (watts)	65.200	77.960	20.970	2.400	0.200	0.200	2.000	13.720
Antenna: 5 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	69.000	79.900	105.500	96.200	72.600	76.300	47.400	58.700
Transmitting ERP (watts)	0.200	3.880	23.800	59.780	43.360	10.290	0.830	0.200
Antenna: 6 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	76.400	65.500	105.500	96.200	72.600	76.300	47.400	58.700
Transmitting ERP (watts)	5.010	0.420	0.200	0.740	6.570	43.660	91.210	34.920

Location Latitude Longitude Ground Elevation Structure Hgt to Tip Antenna Structure
(meters) (meters) Registration No.
15 42-30-08.4 N 070-55-02.2 W 39.6 46.3
Address: 12 First Street
City: Salem County: ESSEX State: MA Construction Deadline:

Antenna: 7 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	63.400	62.100	62.800	77.900	77.500	70.500	40.900	50.900
Transmitting ERP (watts)	49.150	56.730	19.190	2.360	0.200	0.200	1.930	12.920
Antenna: 8 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	63.400	62.100	62.800	77.900	77.500	70.500	40.900	50.900
Transmitting ERP (watts)	0.100	1.550	9.520	23.920	17.350	4.120	0.330	0.100
Antenna: 9 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	63.400	62.100	62.800	77.900	77.500	70.500	40.900	50.900
Transmitting ERP (watts)	5.010	0.380	0.200	0.680	6.510	35.500	64.630	29.380

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKA201

File Number: 0006356224

Print Date: 08-26-2014

Location **Latitude** **Longitude** **Ground Elevation (meters)** **Structure Hgt to Tip (meters)** **Antenna Structure Registration No.**
16 42-16-51.4 N 071-02-04.2 W 5.2 53.0
Address: 100 HANCOCK STREET
City: QUINCY **County:** NORFOLK **State:** MA **Construction Deadline:**

Antenna: 5 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	43.000	44.100	42.200	29.000	8.300	14.800	12.100	31.500
Transmitting ERP (watts)	7.170	6.480	6.790	0.320	0.100	0.100	0.160	5.630
Antenna: 6 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	40.900	41.900	40.000	26.800	6.200	12.600	9.900	29.300
Transmitting ERP (watts)	0.100	0.340	3.140	2.480	2.970	1.500	0.100	0.100
Antenna: 7 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	43.000	44.100	42.200	29.000	8.300	14.800	12.100	31.500
Transmitting ERP (watts)	0.100	0.100	0.100	0.120	2.640	2.770	2.720	2.360

Location **Latitude** **Longitude** **Ground Elevation (meters)** **Structure Hgt to Tip (meters)** **Antenna Structure Registration No.**
21 42-30-36.4 N 070-51-21.2 W 23.2 47.2
Address: Tioga Way
City: Marblehead **County:** ESSEX **State:** MA **Construction Deadline:**

Antenna: 2 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	44.200	46.700	37.200	60.400	60.400	54.600	28.000	43.700
Transmitting ERP (watts)	0.100	0.130	3.130	7.860	6.600	1.220	0.100	0.100
Antenna: 3 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	44.200	46.700	37.200	60.400	60.400	54.600	28.000	43.700
Transmitting ERP (watts)	0.410	0.100	0.100	0.100	0.530	5.070	8.210	4.870
Antenna: 4 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	44.200	46.700	37.200	60.400	60.400	54.600	28.000	43.700
Transmitting ERP (watts)	6.780	7.760	2.800	0.100	0.100	0.100	0.100	1.540

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKA201

File Number: 0006356224

Print Date: 08-26-2014

Location **Latitude** **Longitude** **Ground Elevation (meters)** **Structure Hgt to Tip (meters)** **Antenna Structure Registration No.**
22 42-51-55.4 N 070-56-13.2 W 94.5 50.9
Address: (Amesbury) 10 DENNET WAY
City: AMESBURY **County:** ESSEX **State:** MA **Construction Deadline:**

Antenna: 4 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	117.000	123.800	125.500	137.800	126.100	109.800	94.200	100.300
Transmitting ERP (watts)	178.880	225.190	34.880	0.860	0.860	0.860	0.860	10.780
Antenna: 5 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	117.000	123.800	125.500	137.800	126.100	109.800	94.200	100.300
Transmitting ERP (watts)	0.860	1.240	35.690	258.560	148.780	12.380	0.860	0.860
Antenna: 6 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	117.000	123.800	125.500	137.800	126.100	109.800	94.200	100.300
Transmitting ERP (watts)	3.110	0.830	0.860	0.860	3.110	89.650	270.740	81.760

Location **Latitude** **Longitude** **Ground Elevation (meters)** **Structure Hgt to Tip (meters)** **Antenna Structure Registration No.**
24 42-03-31.4 N 071-17-29.2 W 105.5 59.1
Address: (Wrentham) 415 Washington St. - Route 1
City: WRENTHAM **County:** NORFOLK **State:** MA **Construction Deadline:**

Antenna: 4 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	99.900	78.700	94.600	120.300	114.800	77.800	71.700	95.700
Transmitting ERP (watts)	2.580	85.500	401.990	363.280	54.920	1.060	0.850	0.850
Antenna: 5 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	99.900	78.700	94.600	120.300	114.800	77.800	71.700	95.700
Transmitting ERP (watts)	0.850	0.850	0.850	8.930	146.240	311.250	197.740	18.980
Antenna: 6 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	99.900	78.700	94.600	120.300	114.800	77.800	71.700	95.700
Transmitting ERP (watts)	352.500	136.390	5.560	0.980	0.980	0.980	39.210	263.760

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKA201

File Number: 0006356224

Print Date: 08-26-2014

Location Latitude Longitude Ground Elevation Structure Hgt to Tip Antenna Structure Registration No.
25 43-10-34.3 N 071-12-24.2 W 335.3 31.4
Address: (Northwood) SADDLEBACK MOUNTAIN
City: NORTHWOOD County: ROCKINGHAM State: NH Construction Deadline:

Antenna: 4 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	152.900	213.700	260.100	268.500	234.000	215.400	150.700	173.600
Transmitting ERP (watts)	45.240	219.790	199.540	31.860	1.550	1.000	1.000	2.360
Antenna: 5 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	152.900	213.700	260.100	268.500	234.000	215.400	150.700	173.600
Transmitting ERP (watts)	1.000	1.000	6.160	105.350	236.610	142.220	7.190	1.780
Antenna: 6 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	152.900	213.700	260.100	268.500	234.000	215.400	150.700	173.600
Transmitting ERP (watts)	55.630	1.980	1.000	1.000	2.260	8.170	110.540	141.320

Location Latitude Longitude Ground Elevation Structure Hgt to Tip Antenna Structure Registration No.
27 41-41-13.4 N 070-48-25.1 W 22.9 59.4
Address: (Mattapoisett) Industrial Drive
City: Mattapoisett County: PLYMOUTH State: MA Construction Deadline:

Antenna: 4 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	61.700	76.400	79.200	79.900	80.600	75.400	56.100	60.600
Transmitting ERP (watts)	217.540	281.390	29.930	2.050	0.980	0.980	2.340	21.270
Antenna: 5 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	61.700	76.400	79.300	79.900	80.600	75.400	56.100	60.600
Transmitting ERP (watts)	0.980	10.610	118.800	349.190	74.510	4.550	0.980	0.980
Antenna: 6 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	61.700	76.400	79.200	79.900	80.600	75.400	56.100	60.600
Transmitting ERP (watts)	2.220	0.980	0.980	2.540	27.640	252.570	253.110	22.510

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKA201

File Number: 0006356224

Print Date: 08-26-2014

Location Latitude Longitude Ground Elevation Structure Hgt to Tip Antenna Structure Registration No.
34 42-23-29.5 N 071-07-22.9 W 7.9 26.8
Address: 2067 MASSACHUSETTS AVENUE
City: CAMBRIDGE County: SUFFOLK State: MA Construction Deadline:

Antenna: 4 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-3.400	5.800	21.700	28.600	13.000	-2.600	-14.400	-21.300
Transmitting ERP (watts)	6.780	7.760	2.800	0.100	0.100	0.100	0.100	1.540
Antenna: 5 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-3.400	5.800	21.700	28.600	13.000	-2.600	-14.400	-21.300
Transmitting ERP (watts)	0.100	0.130	3.130	7.860	6.600	1.220	0.100	0.100
Antenna: 6 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-3.400	5.800	21.700	28.300	13.000	-2.600	-14.400	-21.300
Transmitting ERP (watts)	0.410	0.100	0.100	0.100	0.530	5.070	8.210	4.870

Location Latitude Longitude Ground Elevation Structure Hgt to Tip Antenna Structure Registration No.
35 42-39-16.7 N 071-44-12.3 W 192.6 51.2
Address: 84 Bayberry Hill Road
City: Townsend County: MIDDLESEX State: MA Construction Deadline:

Antenna: 2 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	57.900	139.500	149.200	136.100	102.200	42.700	-79.000	-25.700
Transmitting ERP (watts)	0.580	7.080	42.660	95.500	77.620	22.390	2.820	0.460
Antenna: 4 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	51.300	146.600	148.900	136.600	101.300	25.000	-79.700	-22.300
Transmitting ERP (watts)	35.060	35.620	17.670	2.660	0.200	0.150	1.860	13.500
Antenna: 5 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	51.300	146.600	148.900	136.600	101.300	25.000	-79.700	-22.300
Transmitting ERP (watts)	5.360	0.690	0.250	0.930	7.320	28.980	38.070	25.500

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKA201

File Number: 0006356224

Print Date: 08-26-2014

Location **Latitude** **Longitude** **Ground Elevation (meters)** **Structure Hgt to Tip (meters)** **Antenna Structure Registration No.**
38 42-38-45.8 N 071-05-37.7 W 117.3 52.4
Address: 5 Boston Hill Road
City: North Andover **County:** ESSEX **State:** MA **Construction Deadline:**

Antenna: 4 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	96.900	98.200	110.000	111.300	110.000	101.700	90.300	106.200
Transmitting ERP (watts)	83.180	87.100	23.990	2.290	0.200	0.200	1.820	20.420
Antenna: 5 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	96.900	98.100	110.000	111.300	110.000	101.700	90.200	106.200
Transmitting ERP (watts)	0.240	4.170	38.020	97.720	66.070	11.750	1.050	0.200
Antenna: 6 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	96.900	98.200	110.000	111.300	110.000	101.700	90.200	106.200
Transmitting ERP (watts)	5.250	0.340	0.200	0.830	9.770	60.262	100.000	42.660

Location **Latitude** **Longitude** **Ground Elevation (meters)** **Structure Hgt to Tip (meters)** **Antenna Structure Registration No.**
39 42-18-13.0 N 071-13-05.0 W 44.8 96.0 1018331
Address: 140 CABOT ST
City: NEEDHAM **County:** NORFOLK **State:** MA **Construction Deadline:**

Antenna: 1 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	44.200	68.400	58.900	48.800	36.300	40.300	44.100	41.600
Transmitting ERP (watts)	30.340	35.650	9.380	0.920	0.100	0.100	0.610	6.050
Antenna: 2 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	44.200	68.400	58.900	48.800	36.300	40.300	44.100	41.600
Transmitting ERP (watts)	0.100	1.230	10.440	23.990	19.000	4.420	0.370	0.100
Antenna: 3 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	44.200	68.400	58.900	48.800	36.300	40.300	44.100	41.600
Transmitting ERP (watts)	2.200	0.190	0.100	0.300	2.700	19.270	35.660	16.260

Licensee Name: CELLCO PARTNERSHIP

Call Sign: KNKA201

File Number: 0006356224

Print Date: 08-26-2014

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
41	42-22-16.6 N	071-05-49.6 W	6.3	18.6	

Address: (Cambridge Donnelly Field site) 284 Norfolk Street
City: Cambridge County: MIDDLESEX State: MA Construction Deadline: 07-03-2014

Antenna: 1 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-11.600	16.500	20.700	21.000	2.200	-20.400	2.300	-16.900
Transmitting ERP (watts)	48.150	197.980	63.920	1.080	0.680	0.680	0.680	0.850
Antenna: 2 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-11.600	16.500	20.700	21.000	2.200	-20.400	2.300	-16.900
Transmitting ERP (watts)	0.670	0.670	18.990	128.120	74.750	3.300	0.670	0.670
Antenna: 3 Azimuth (from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	-10.600	17.600	21.700	22.000	3.200	-19.400	3.400	-15.900
Transmitting ERP (watts)	28.690	0.650	0.650	0.650	0.650	5.700	114.450	208.740

Control Points:

Control Pt. No. 3

Address: 500 W. Dove Rd.

City: Southlake County: TARRANT State: TX Telephone Number: (800)264-6620

Waivers/Conditions:

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

THE FOLLOWING CELLULAR GEOGRAPHIC SERVICE AREAS HAVE BEEN COMBINED (LISTED BY CALL SIGN, MARKET NUMBER AND BLOCK, AND MARKET NAME): KNKA201 6B BOSTON, MASSACHUSETTS KNKA251 76B

7



CELLO PARTNERSHIP 4/8/A VERIZON WIRELESS
118 FLANDERS ROAD, 3RD FLOOR
WESTBOROUGH, MA 01581

SITE NAME:

NEWBURYPORT_RELO_MA

LOCATION CODE:

448525

SITE ADDRESS:

25 TEMPLE STREET

NEWBURYPORT, MA 01950



Know what's below.
Call before you dig.

SITE INFORMATION

SITE NAME: NEWBURYPORT_RELO_MA
LOCATION CODE: 448525
SITE ADDRESS: 25 TEMPLE STREET
NEWBURYPORT, MA 01950
COUNTY: ESSEX COUNTY
LATITUDE: 42° 48' 31.35" N (NAD83)
LONGITUDE: 70° 52' 08.50" W (NAD83)
GROUND LEVEL: 39' A.H.S.L. (NAVD83)
TOWER OWNER: NEWBURYPORT HOUSING AUTH
25 TEMPLE STREET
NEWBURYPORT, MA 01950
STRUCTURE TYPE: ROOFTOP

VICINITY MAP



GENERAL NOTES AND APPLICABLE CODES

- THIS IS AN UNMANNED TELECOMMUNICATION FACILITY AND NOT FOR HUMAN HABITATION.
 - HANDICAPPED ACCESS IS NOT REQUIRED.
 - PORTABLE WATER OR SANITARY SERVICE IS NOT REQUIRED.
 - NO OUTDOOR STORAGE OR ANY SOLID WASTE RECEPTACLES REQUIRED.
 - CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, AND CONDITIONS ON THE JOB SITE. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES OR OMISSIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ARCHITECT/ENGINEER PLACES THE RESPONSIBILITY ON THE CONTRACTOR TO CORRECT THE DISCREPANCIES AT THE CONTRACTOR'S EXPENSE.
 - REWORK AND USE OF THE SITE WILL CONFORM TO ALL APPLICABLE CODES, ORDINANCES AND SPECIFICATIONS.
 - BUILDING CODE: MASSACHUSETTS STATE BUILDING CODE 780 CMR 8TH EDITION W/ AMENDMENTS TO THE INTERNATIONAL BUILDING CODE (IBC 2015)
 - ELECTRICAL CODE: NATIONAL ELECTRIC CODE 2017
 - CONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS.
 - AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
 - AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION.
 - TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA)
 - IA 222-6, STRUCTURAL STANDARDS FOR STEEL ANTENNA SUPPORTING STRUCTURES AND ANTENNAS WITH ADJACENT BUILDING AND GROUNDING (EARTHING) FOR CUSTOMER PREMISES.
 - INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)
 - IEEE 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, GROUNDING OF ELECTRONIC EQUIPMENT.
 - IEEE 1100 (2005) RECOMMENDED PRACTICE FOR POWERING AND GROUNDING OF ELECTRONIC EQUIPMENT.
 - IEEE C62.41.1, RECOMMENDED PRACTICES FOR CHARACTERIZATION OF POWER SYSTEMS - DC POWER SYSTEMS - TELECOMMUNICATIONS - DC POWER SYSTEMS - TELECOMMUNICATIONS ENVIRONMENT PROTECTION.
 - TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA)
 - GR-1275, GENERAL INSTALLATION REQUIREMENTS.
 - TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA)
 - GR-1503, COAXIAL CONNECTORS.
 - ANSI T1.311, TELECOMMUNICATIONS - DC POWER SYSTEMS - TELECOMMUNICATIONS ENVIRONMENT PROTECTION.
- FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING REQUIREMENTS SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

SHEET INDEX

SHEET NUMBER	SHEET DESCRIPTION
T-1	TITLE SHEET
Z-1	OVERALL SITE PLAN
Z-2	ROOFTOP PLAN
Z-3	ELEVATION
Z-4	EQUIPMENT SHELTER ELEVATIONS

APPROVALS

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE CONTRACTOR TO PROCEED WITH THE PROJECT. THESE DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND MAY IMPOSE CHANGES OR MODIFICATIONS.

LEASING/SITE ACQUISITION: _____ DATE: _____
 LANDLORD: _____ DATE: _____
 VERIZON WIRELESS CM: _____ DATE: _____
 VERIZON WIRELESS RF: _____ DATE: _____
 ZONING: _____ DATE: _____

PREPARED BY:
NEXIUS
 7A LYNEY WAY
 WESTBOROUGH, MA 01581
 1 (978) 795-1882

APPLICANT:
verizon
 CELLO PARTNERSHIP 4/8/A
 118 FLANDERS ROAD, 3RD FLOOR
 WESTBOROUGH, MA 01581

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SUBMITTALS

REV	DATE	DESCRIPTION	BY
D	01/14/19	FOR ZONING	JM

SITE INFO:
 SITE NAME: NEWBURYPORT_RELO_MA
 LOCATION CODE: 448525
 SITE ADDRESS: 25 TEMPLE STREET
 NEWBURYPORT, MA 01950
 ESSEX COUNTY

SHEET TITLE: TITLE SHEET
 NEXIUS PROJ. NO.: VZ11509
 SHEET NUMBER: T-1
 CHECKED BY: JH
 CHECKED BY DATE: 01/14/19

ZONING DRAWINGS

PREPARED BY:
NEXIUS
 7 ALMEREY WAY
 WESTFORD, MA 01886
 1 (978) 795-1882

APPLICANT:
verizon
 CELCO PARTNERSHIP, d/b/a
 118 FLANDERS ROAD, 3RD FLOOR
 WESTBOROUGH, MA 01581



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REV	DATE	DESCRIPTION	BY
0	01/14/19	FOR ZONING	JH

SITE INFO:
 SITE NAME:
 NEWBURYPORT_FLD_MA
 LOCATION CODE:
 448825
 SITE ADDRESS:
 28 TEMPLE STREET
 NEWBURYPORT, MA 01860
 ESSEX COUNTY

SHEET TITLE:
 OVERALL SITE PLAN
 NEXIUS PROJ. NO.:
 VZ11509
 SHEET NUMBER:
Z-1
 CHECKED BY:
 JH
 CHECKED BY DATE:
 01/14/19

ZONING DRAWINGS

ZONING INFORMATION
 APPLICANT:
 CELCO PARTNERSHIP, d/b/a VERIZON WIRELESS
 118 FLANDERS ROAD
 THIRD FLOOR
 WESTBOROUGH, MA 01581
 PROPERTY OWNER:
 NEWBURYPORT HOUSING AUTH
 28 TEMPLE STREET
 NEWBURYPORT, MA 01860
 ZONING DISTRICT: RESIDENTIAL 3
 PARCEL ID: 5-22

ANTENNAS:

DIMENSIONAL REQUIREMENTS REQUIRED	PROPOSED
FRONT YARD SETBACK:	NA
REAR YARD SETBACK:	NA
SIDE YARD SETBACK:	NA
MAXIMUM ZONING HEIGHT:	NA

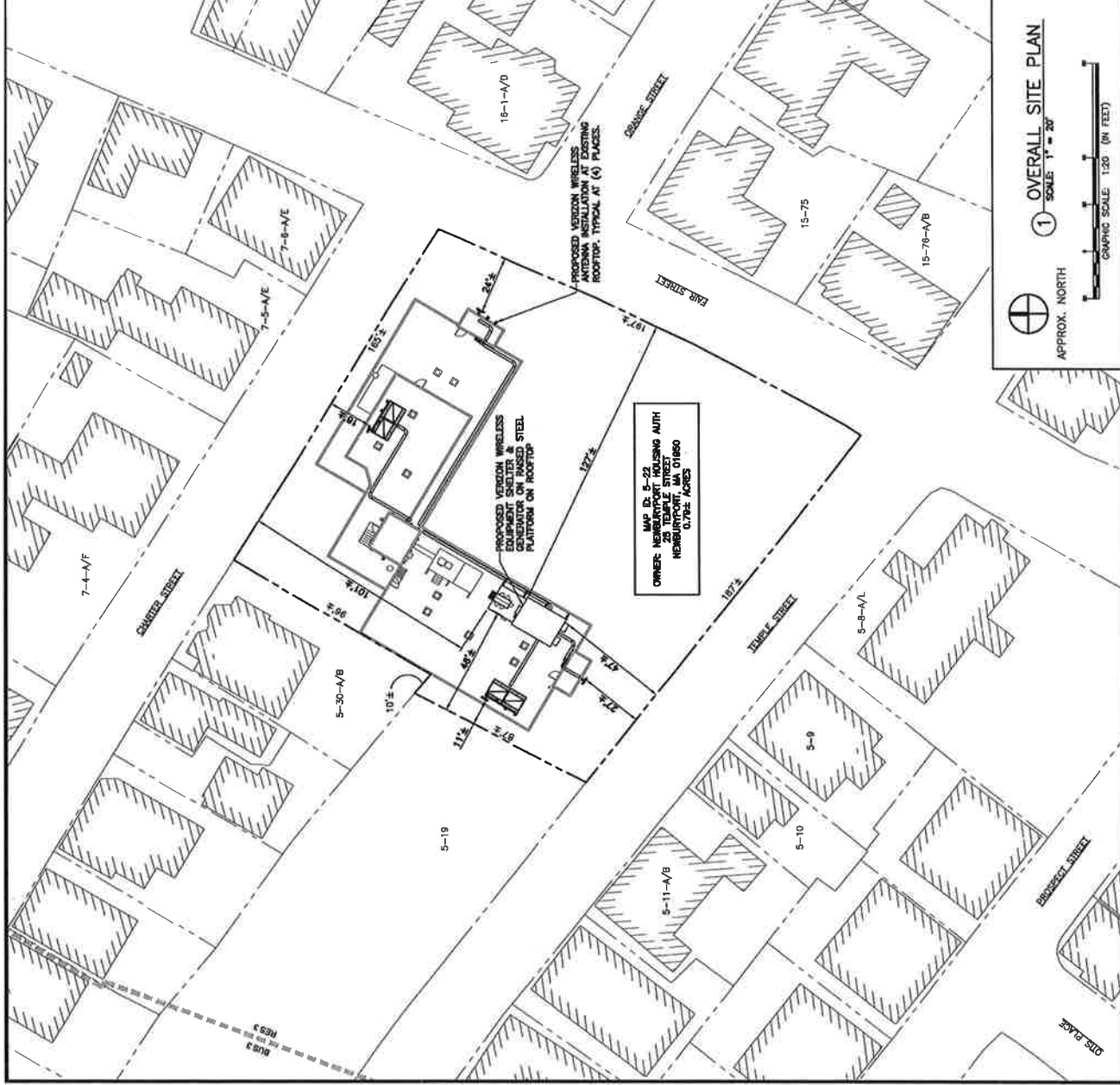
EQUIPMENT SHELTER:

DIMENSIONAL REQUIREMENTS REQUIRED	PROPOSED
FRONT YARD SETBACK:	NA
REAR YARD SETBACK:	NA
SIDE YARD SETBACK:	NA
MAXIMUM ZONING HEIGHT:	NA

NOTES:
 1. SITE PLAN IS NOT THE RESULT OF A SURVEY. IT IS
 BASED ON EXISTING PARCEL MAPS AVAILABLE FROM THE
 CITY/TOWN GIS DATABASE & MASS GIS.
 2. ALL EASEMENTS SHOWN ARE APPROXIMATE
 3. ALL INFORMATION SHOWN IS APPROXIMATE ONLY AND
 SUBJECT TO ANY CONDITION THAT A SURVEY MAY REVEAL
 4. ALL SETBACKS SHOWN ARE FROM THE FACE OF THE
 PROPOSED ANTENNAS/EQUIPMENT SHELTER TO THE
 EXISTING PROPERTY LINES.

LEGEND

- EXISTING STRUCTURE
- SUBJECT PARCEL
- ABUTTING PARCELS
- ZONING BOUNDARY
- PARCEL ID



PREPARED BY:
NEXIUS
 TRANSMISSION SOLUTIONS
 700 STATE STREET
 WESTFORD, MA 01089
 1 (877) 795-1882

APPLICANT:
verizon
 CELCO PARTNERSHIP d/b/a
 118 FLANNERS ROAD, 3RD FLOOR
 WESTBOROUGH, MA 01581



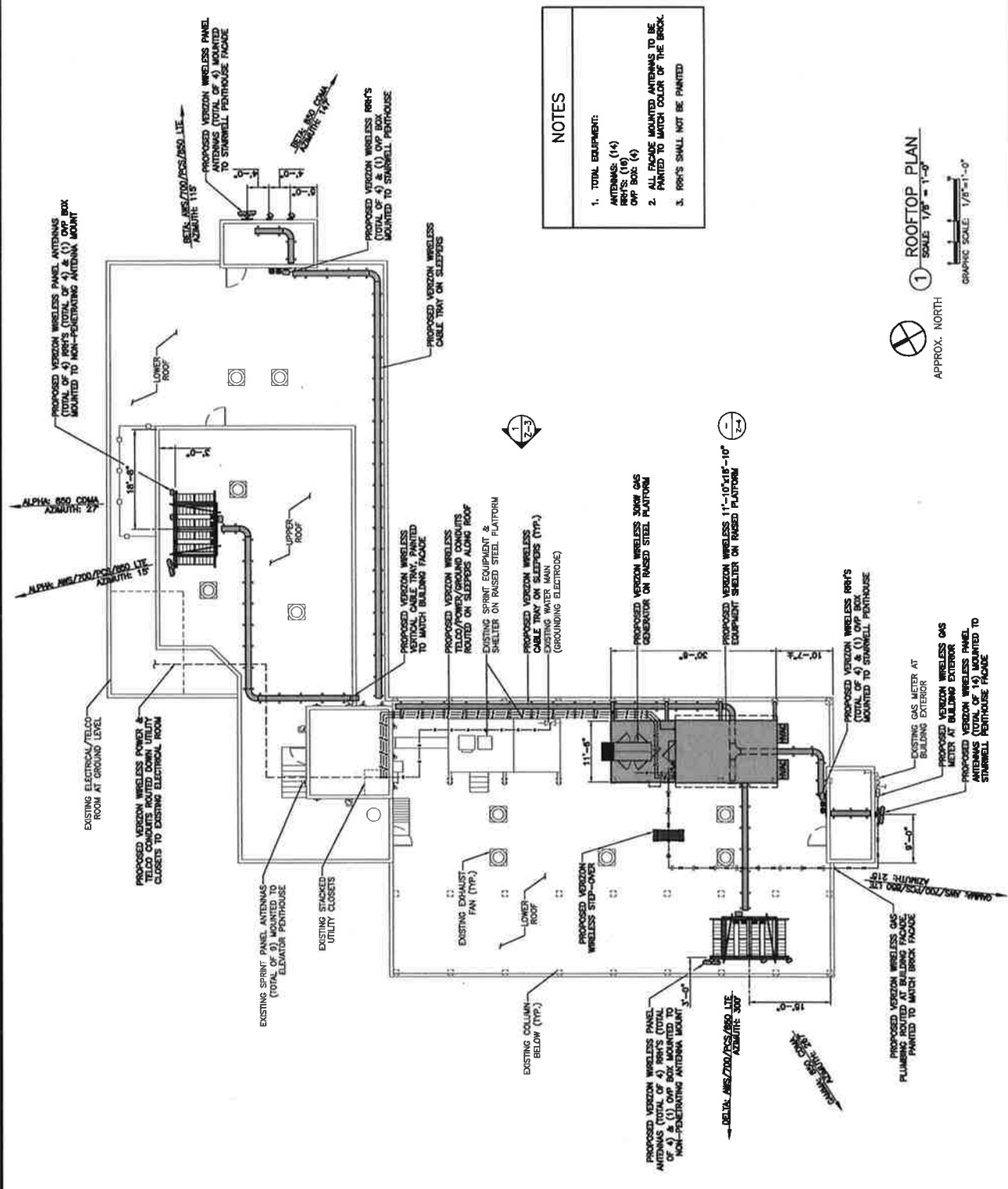
THE CONTRACTOR IS THE SOLE RESPONSIBLE PARTY FOR THE CORRECTNESS OF THIS DRAWING AND FOR THE EXACTITUDE OF THE DIMENSIONS AND MATERIALS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND MATERIALS WITH THE OWNER'S ARCHITECT BEFORE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.

REV	DATE	DESCRIPTION	BY
0	01/14/19	PER ZONING	JM

SITE NAME:
 NEWBURYPORT_FLD_01A
 LOCATION CODE:
 448825
 SITE ADDRESS:
 25 TEMPLE STREET
 NEWBURYPORT, MA 01950
 ESSEX COUNTY

SHEET NUMBER:
Z-2
 CHECKED BY:
 JH
 CHECKED BY DATE:
 01/14/19

ZONING DRAWINGS



NOTES

- TOTAL EQUIPMENT:
 ANTENNAS: (14)
 RFS: (16)
 OVP BOX: (4)
- ALL FACADE MOUNTED ANTENNAS TO BE PAINTED TO MATCH COLOR OF THE BRICK.
- RFS SHALL NOT BE PAINTED.

APPROX. NORTH
 ROOFTOP PLAN
 SCALE: 1/8" = 1'-0"
 GRAPHIC SCALE: 1/8" = 1'-0"



THE ENGINEER IS THE DESIGN PROFESSIONAL AND THE CONTRACTOR IS THE DESIGN PROFESSIONAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER CONSTRUCTION OF THE WORK AND FOR THE QUALITY OF THE WORK. WITHOUT THE EXPRESS WRITTEN CONSENT OF THE ENGINEER, NO CHANGES SHALL BE MADE TO THE DESIGN. CHANGES SHALL BE APPROVED BY THE ENGINEER. THE ENGINEER'S LIABILITY IS LIMITED TO THE DESIGN AND SHALL NOT BE EXTENDED TO THE CONSTRUCTION OF THE WORK. THE ENGINEER'S LIABILITY IS LIMITED TO THE DESIGN AND SHALL NOT BE EXTENDED TO THE CONSTRUCTION OF THE WORK.

REV	DATE	DESCRIPTION	BY
0	01/14/19	PER ZONING	JH

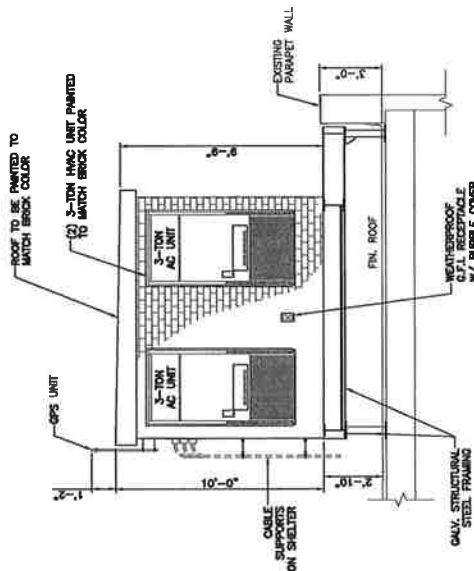
SITE INFO:
 SITE NAME: NEWBURYPORT_RELD_MA
 LOCATION CODE: 44825
 SITE ADDRESS: 25 TEMPLE STREET
 NEWBURYPORT, MA 01850
 ESSEX COUNTY

SHEET TITLE:
EQUIPMENT SHELTER ELEVATIONS

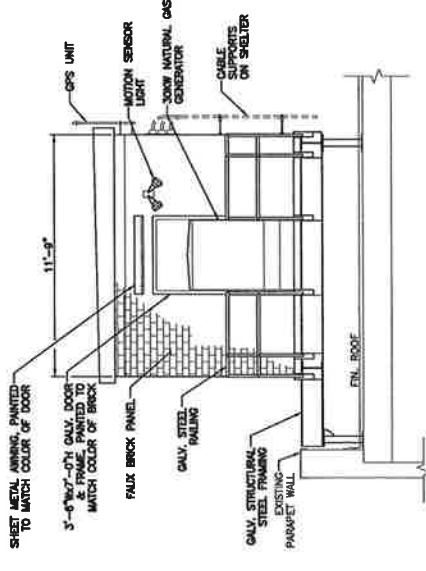
SHEET NUMBER:
Z-4

CHECKED BY: JH
 CHECKED BY DATE: 01/14/19

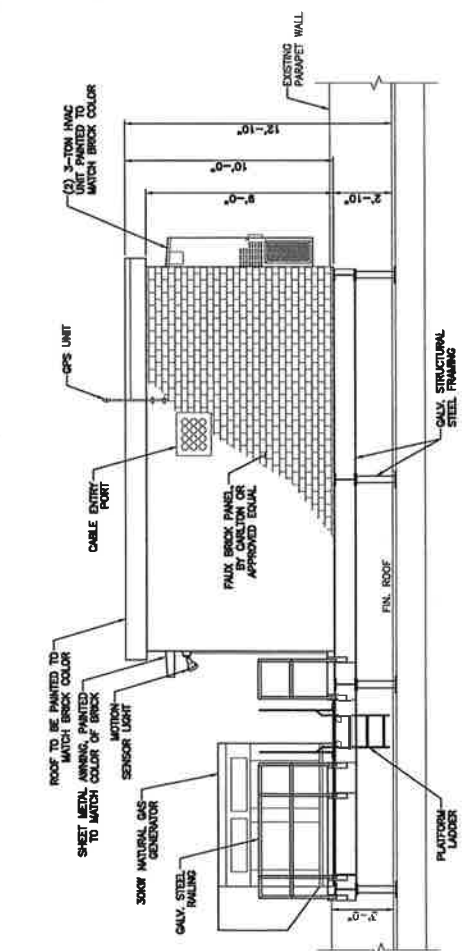
ZONING DRAWINGS



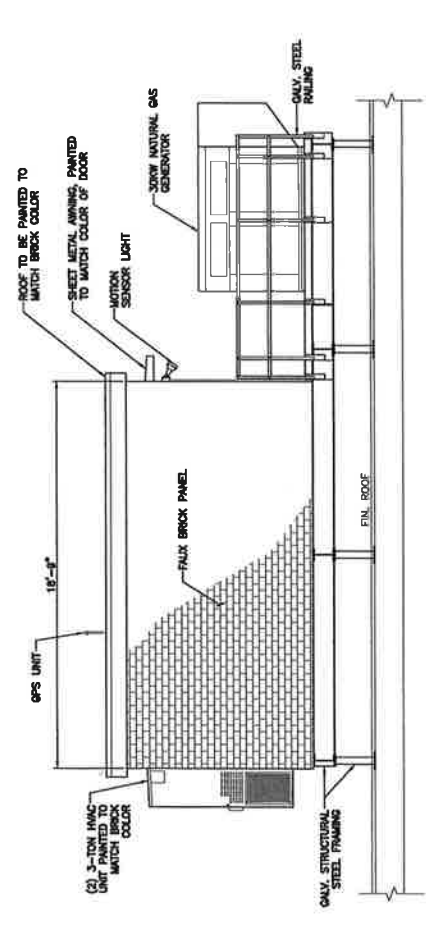
② SOUTH ELEVATION
 SCALE: N.T.S.



④ NORTH ELEVATION
 SCALE: N.T.S.



① WEST ELEVATION
 SCALE: N.T.S.



③ EAST ELEVATION
 SCALE: N.T.S.