



# CITY OF CAMBRIDGE

BOARD OF ZONING APPEAL

831 Massachusetts Avenue, Cambridge MA 02139

617-349-6100

2025 JUL 31 AM 9:53

OFFICE OF THE CITY CLERK  
CAMBRIDGE, MASSACHUSETTS

## BZA Application Form

**BZA Number: 1174892**

### General Information

The undersigned hereby petitions the Board of Zoning Appeal for the following:

Special Permit:   X  

Variance:       

Appeal:       

**PETITIONER:** T-Mobile Northeast LLC, for Onwer, GI ETS Cambridge, LLC C/O Prince Lobel Tye LLP

**PETITIONER'S ADDRESS:** One International Place Suite 3700, Boston, Massachusetts 02110

**LOCATION OF PROPERTY:** 237 Putnam Ave., Cambridge, MA

**TYPE OF OCCUPANCY:** Business and Telecommunications

**ZONING DISTRICT:** Residence C-1 Zone

### **REASON FOR PETITION:**

/Telecommunication Facility (antenna)/

### **DESCRIPTION OF PETITIONER'S PROPOSAL:**

The Applicant proposes to modify its existing Wireless Telecommunications Facility by replacing six (6) panel antennas currently installed within the faux chimney on the existing building with six (6) new like kind panel antennas, together with supporting equipment, all to continue to be located within the faux chimney. The Applicants proposal complies with Section 6409 of the Spectrum Act as the collocation of antennas is not a substantial change to the existing base station. Moreover, the Applicants proposal complies with Section 4.32 and 10.4 of the Cambridge Zoning Code.

### **SECTIONS OF ZONING ORDINANCE CITED:**

Article: 4.000      Section: 4.23.g.1 & Sec. 4.40 (Footnote 49) (Telecommunications Facility).

Article: 10.000    Section: 10.40 (Special Permit).

Article: 6409      Section: 2012 Middle Tax Relief Act

Original  
Signature(s):

*(Petitioner (s) / Owner)*

Adam Brillard, of Prince Lobel Tye, LLP, for the  
Applicant, T-Mobile Northeast LLC

(Print Name)

Address:  
Tel. No.

One International Place, 3700, Boston, MA 02110

617-456-8153

BZA APPLI CATI ON FORMI - OWNERSHI P I NFORMATI ON

*To be completed by OWNER, signed before a notary and returned to  
The Secretary of the Board of Zoning Appeals.*

I / We \_\_\_\_\_ GI ETS CAMBRIDGE I, LLC  
( OWNER )

Address: \_\_\_\_\_ 6720 N. Scottsdale Road, Suite 350 Scottsdale, AZ 85253

State that I / We own the property located at \_\_\_\_\_ 233-249 Putnam Ave, and 13-23 Blackstone Street,  
Cambridge, MA 02139 \_\_\_\_\_,  
which is the subject of this zoning application.

The record title of this property is in the name of \_\_\_\_\_ GI ETS CAMBRIDGE I, LLC \_\_\_\_\_

\*Pursuant to a deed of duly recorded in the date July 16, 2025, Middlesex South  
County Registry of Deeds at Book \_\_\_\_\_, Page \_\_\_\_\_; or  
Middlesex Registry District of Land Court, Certificate No. \_\_\_\_\_  
Book \_\_\_\_\_ Page \_\_\_\_\_.

  
\_\_\_\_\_  
SIGNATURE BY LAND OWNER OR  
AUTHORIZED TRUSTEE, OFFICER OR AGENT\*

*\*Witten evidence of Agent's standing to represent petitioner may be requested.*

-----  
Commonwealth of Massachusetts, County of \_\_\_\_\_

The above-name \_\_\_\_\_ personally appeared before me,  
this \_\_\_\_\_ of \_\_\_\_\_, 20\_\_\_\_, and made oath that the above statement is true.

\_\_\_\_\_  
Notary

My commission expires \_\_\_\_\_ (Notary Seal).

- If ownership is not shown in recorded deed, e.g. if by court order, recent deed, or inheritance, please include documentation.

**CALIFORNIA ACKNOWLEDGMENT**

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }  
County of San Francisco }  
On July 16, 2025 before me, Janeé Loftin, Notary Public  
Date Here Insert Name and Title of the Officer  
personally appeared Tony Lin  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.  
WITNESS my hand and official seal.

Place Notary Seal and/or Stamp Above  
Signature Janeé Loftin  
Signature of Notary Public

**OPTIONAL**  
Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

**Description of Attached Document**  
Title or Type of Document: \_\_\_\_\_  
Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_  
Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: _____	Signer's Name: _____
<input type="checkbox"/> Corporate Officer – Title(s): _____	<input type="checkbox"/> Corporate Officer – Title(s): _____
<input type="checkbox"/> Partner – <input type="checkbox"/> Limited <input type="checkbox"/> General	<input type="checkbox"/> Partner – <input type="checkbox"/> Limited <input type="checkbox"/> General
<input type="checkbox"/> Individual <input type="checkbox"/> Attorney in Fact	<input type="checkbox"/> Individual <input type="checkbox"/> Attorney in Fact
<input type="checkbox"/> Trustee <input type="checkbox"/> Guardian or Conservator	<input type="checkbox"/> Trustee <input type="checkbox"/> Guardian or Conservator
<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____
Signer is Representing: _____	Signer is Representing: _____

MA COMM' EXPIRES DEC 15 5058  
SAN FRANCISCO CALIF  
INSTA BUREAU - CALIFORNIA  
COMM. NO 3430342  
THREE DOLLAR





July 17, 2025

City of Cambridge  
Board of Zoning Appeals  
831 Massachusetts Avenue  
Cambridge, MA 02139

Re: Eligible Facilities Request pursuant to Section 6409 of the  
Spectrum Act and an Application for Special Permit, in the  
Alternative  
Property Address: 237 Putnam Avenue, Cambridge, MA 02139 (the “**Property**”)  
Applicant: T-Mobile Northeast, LLC (“Applicant” or “**T-Mobile**”)

Dear Honorable Members of the Board of Zoning Appeals:

This firm represents T-Mobile in connection with an application for an Eligible Facilities Request pursuant to Section 6409 of the Spectrum Act and an Application for special permit, in the Alternative, from the City of Cambridge Board of Zoning Appeals (the “**Board**”), to modify an existing wireless communications facility on the Property. The Property is located in the Residence C-1 (C-1) District, and to the extent that the Board determines that the requirements of Article 4 Section 4.32G.1 of the City of Cambridge Zoning Ordinance (the “**Ordinance**”) apply, the use of the Property for a wireless telecommunications facility is permitted by special permit from the Board<sup>1</sup>. The Applicant’s proposal satisfies the requirements for the grant of a special permit pursuant to Section 10-43 of the Ordinance.

The Applicant’s Proposed Facility (as defined herein) is subject to Section 6409 of the Middle Class Tax Relief and Job Creation Act of 2012, more commonly known as the “Spectrum Act” (47 U.S.C. § 1455). As such, we respectfully submit that in the event that the Board determines that the application does not comply with the Spectrum Act, the Applicant hereby states that the special permit requirements set forth in the Ordinance are hereby met by the Applicant, and that relief must be granted to the Applicant. The compliance with the Spectrum Act is shown

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<sup>1</sup> Pursuant to Section 6409(a) of the Spectrum Act, state and local governments “may not deny and shall approve, any eligible facilities request for a modification of an existing wireless tower or base station that does not substantially change the physical dimensions of such tower or base station.” As such, the Applicant submits that they need not apply for a special permit from the board. To the extent that this Board determines that the Applicants’ proposed wireless facility must comply with special permit requirements set forth in Section 10-43 of the Ordinance, the Applicants submit that they have complied with said requirements, without waiving the argument that such relief is not required.



on the Eligible Facilities Request permit application form attached hereto and incorporated herein by reference (the “**EFR**”).

The Applicant seeks to modify its existing wireless communications facility by removing and replacing existing panel antennas with new like kind panel antennas and removing and installing new Remote Radio Head (RRHs), as well as modifying existing ancillary equipment (the “**Proposed Facility**”). The Applicant’s Proposed Facility is described in more detail bellow and is shown on the Plans attached hereto and incorporated herein by reference (the “**Plans**”).

## **I. Background**

The Applicant is licensed by the Federal Communications Commission (the “**FCC**”) to construct and operate a wireless telecommunications network in various markets throughout the country, including the Commonwealth of Massachusetts and in particular, in the City of Cambridge. A copy of the Applicant’s FCC license is attached hereto. The Applicant is in the process of designing and constructing a telecommunications system to serve all of the Commonwealth of Massachusetts. One of the key design objectives of its systems is to provide seamless coverage. Such a system requires a grid of radio transmitting and receiving links located approximately .5 to 2 miles apart, depending on the location of existing and proposed installations in the surrounding area, the existing use of the network and the existing topography. The radio transmitting and receiving facilities operate on a line-of-sight basis, requiring a clear path from the facility to the user on the ground. This dynamic requires the antennas to be located in a location where the signal is not obstructed or degraded by other buildings or by topographical features such as hills.

## **II. Project Description**

The Applicant’s existing Facility consists of three (3) sectors (A, B and C), with each sector having two (2) panel antennas, one (1) RRH, and one (1) Tower Mounted Antenna (“**TMA**”) each. All of the antennas are mounted within the existing faux chimney on the rooftop of the Building. The Applicant proposes to modify its existing Facility by replacing six (6) of the existing panel antennas with three (3) new panel antennas; replace three (3) existing RRHs and three (3) TMAs with six (6) new RRHs; and by modifying ancillary equipment on the rooftop of the Building and within the Applicant’s equipment room in the basement of the Building. All antennas will continue to be within the faux chimney on the rooftop of the Building and out of view. Consequently, there will be no visual change to the Applicant’s existing facility.

The Applicant’s proposal is consistent with the latest decision of the Board for this facility, dated March 28, 2016 (Case No. BXA-009389-2016) (the “**Decision**”).

After installation, the Proposed Facility will continue to be unmanned and will only require twice a month maintenance visits per carrier. The only utilities required to operate this Proposed





Facility will continue to be a standard 120-volt electrical power as well as telephone service. These are presently in place at the Property. The Proposed Facility will comply with all applicable local, state and federal safety codes.

### III. Legal Arguments

#### A. The Applicant complies with the Wireless Communications provisions set forth in Section 4.32(g), footnote 49 of the Ordinance

Pursuant to Section 4.32(g) of the Ordinance, the Applicant's proposed use for a wireless communications facility in the Residence C-1 District is permitted by special permit. The Applicant's Proposed Facility further complies with the provisions set forth in Section 4.32(g), footnote 49 of the Ordinance:

- 1. The Board of Zoning Appeal shall consider the scope of or limitations imposed by any license secured from any state or federal agency having jurisdiction over such matters.**

Enclosed herewith is the Applicant's FCC license. The Applicant meets all requirements imposed by governmental authorities having jurisdiction over the Proposed Facility, including by the FCC, to provide wireless communications in this market area.

The intent of the U.S. Congress, when it enacted the Telecommunications Act of 1996 ("TCA") was to institute a framework to promote competition and innovation within the telecommunications industry. Under its license from the FCC, T-Mobile is obligated to provide a reliable "product" (i.e. wireless communications service) to the population of the City of Cambridge. Likewise, consumer expectations for increasingly robust and reliable service requires competing service providers (including T-Mobile) to identify and optimize its network coverage. A carrier's failure to do so, can result in a significant loss of subscribers to competing telecommunications carriers. The Proposed Facility and corresponding relief requested are necessary to optimize service coverage within T-Mobile's existing network infrastructure.

Furthermore, Section 6409(a) of the Spectrum Act mandates that state and local governments "*may not deny, and shall approve, any eligible facilities request for a modification of an existing wireless tower or base station that does not substantially change the physical dimensions of such tower or base station.*" Under Section 6409(a)(2)(A)-(C) an Eligible Facilities



Request is any request to modify a Tower or Base Station that involves “collocations of new Transmission Equipment,” “removal,” or “replacement” of Transmission Equipment.

Because federal law now preempts many of the permit application requirements that this jurisdiction would previously have required from an Applicant, we have provided, on the attached EFR, only the information that federal law allows this jurisdiction to consider when reviewing an EFR. As such, we submit that the Wireless Communications set forth in Section 4.32(g), footnote 49 of the Ordinance, provisions are not applicable to Proposed Facility and relief must be granted pursuant to Section 6409(a) of the Spectrum Act.

- 2. The Board of Zoning Appeal shall consider the extent to which the visual impact of the various elements of the proposed facility is minimized: (1) through the use of existing mechanical elements on the building’s roof or other features of the building as support and background, (2) through the use in materials that in texture and color blend with the materials to which the facilities are attached, or (3) other effective means to reduce the visual impact of the facility on the site.**

The Applicant’s Proposed Facility will have no additional visual impact on the existing facility and Building. The antennas associated with the Proposed Facility will continue to be installed within the faux chimney on the rooftop of the Building and in conformity with the Decisions.

As stated above, federal law now preempts many of the permit applications requirements that the Ordinance sets forth. To the extent that this Board determines that the Applicants’ proposed wireless facility must comply with the Wireless Communications provisions set forth in Section 4.32(g), footnote 49 of the Ordinance, the Applicants submit that they have complied with said requirements, without waiving the argument that such relief is not required.

- 3. Where it is proposed to erect such a facility in any residential zoning district, the extent to which there is a demonstrated public need for the facility at the proposed locations, the existence of alternative, functionally suitable sites in nonresidential locations, the character of the prevailing uses in the area, and the prevalence of other existing mechanical systems and equipment carried on or above the roof of nearby structures. The Board of Zoning Appeal shall grant a special permit to erect such a facility in a residential zoning district only upon a finding that nonresidential uses predominate in the vicinity of the proposed facility’s location and that the**



**telecommunications facility is not inconsistent with the character that does prevail in the surrounding neighborhood.**

The Proposed Facility is located in the Residential C-1 Zoning District but nonresidential uses predominate in the area. Pursuant to the requirement that the Board shall grant a special permit to erect a Telecommunications Facility only upon a finding that non-residential uses predominate in the vicinity of the proposed facility's location the Applicant hereby states that this is a modification of an existing wireless facility and as such respectfully submits to the Board that it has previously found that nonresidential uses predominate in the vicinity of this Proposed Facility. The Board has reached a decision to grant a special permit for the Applicant's existing facility in the previous Decisions. Furthermore, the Property consists of an office complex, which houses space for many offices and businesses. The Property is further surrounded by a major roadways, including Western Ave, River Street, and Memorial Drive. Therefore, the Applicant respectfully requests that, in keeping with its prior Decision, the Board find that non-residential uses predominate in the vicinity of the Proposed Facility and that the Proposed Facility is not inconsistent with the character that does prevail in the surrounding neighborhood.

Further, notwithstanding anything contained herein to the contrary, and in agreement with the aforementioned predominately nonresidential use finding, upon an inspection of the vicinity of the Proposed Facility the Applicant respectfully submits that said finding is reasonable as the character of the surrounding neighborhood consists of nonresidential uses.

Moreover, there will be no visual changes to the existing facility and therefore, the Proposed Facility is not inconsistent with the character that does prevail in the surrounding neighborhood. Finally, as noted above, the proposed installation is a modification to the Applicant's Facility and as such is the preferred location for additional equipment, pursuant to the TCA, as referenced above.

**B. The Applicant complies with the Special Permit Criteria set forth in Section 10-43 of the Ordinance<sup>2</sup>:**

**1. The requirements of the Ordinance can be met:**

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<sup>2</sup> Pursuant to Section 6409(a) of the Spectrum Act, state and local governments "may not deny and shall approve, any eligible facilities request for a modification of an existing wireless tower or base station that does not substantially change the physical dimensions of such tower or base station." As such, the Applicant submits that they need not apply for a special permit from the board. To the extent that this Board determines that the Applicants' proposed wireless facility must comply with special permit requirements set forth in Section 10-43 of the Ordinance, the Applicants submit that they have complied with said requirements, without waiving the argument that such relief is not required.

As provided above, the Applicant has met the requirements set forth in Section 4.32(g), footnote 49 of the Ordinance.

**2. Traffic generated or patterns of access or egress would not cause congestion hazard, or substantial change in established neighborhood character for the following reasons:**

The proposed installation will not obstruct existing rights-of-way or pedestrian access and will not change the daily conditions of access, egress, traffic, congestion hazard, or character of the neighborhood. The installation will not require the addition of any new parking or loading spaces. The use is passive and will not change the current conditions or appearance surrounding the Building. The facility will not produce any odors, fumes, noise or waste. There will be no need for water, sewer, or other municipal services.

As mentioned above, once modified, the facility will be unmanned and will only require infrequent visits by a technician, typically two times per month for routine diagnostics and/or maintenance, except in cases of emergency. These infrequent visits will not result in any material increase in traffic or disruption to patterns of access or egress that will cause congestion hazards or cause a substantial change in the established neighborhood character. The Applicant's maintenance personnel will make use of the existing access roads and parking at the Building.

**3. The continued operation of or the development of adjacent uses as permitted in the Zoning Ordinance would not be adversely affected by the nature of the proposed use for the following reasons:**

As described above and illustrated on the attached photograph simulations, the modification of the existing facility will produce a minimal change in the appearance of the Building. The modification of the existing facility will blend with the existing characteristics of the Building and the surrounding neighborhood. Moreover, the proposed installation will not generate any traffic, smoke, dust, heat, glare, discharge of noxious substances, nor will it pollute waterways or groundwater. Conversely, the surrounding properties and general public will benefit from the potential to enjoy improved wireless communication.



**4. Nuisance or hazard would not be created to the detriment of the health, safety, and/or welfare of the occupant of the proposed use or the citizens of the City for the following reasons:**

The operations of the proposed telecommunications facility will not adversely impact the health, safety, and the welfare of the residents of the City of Cambridge. On the contrary, the proposed use will benefit the City and promote the safety and welfare of its residents, businesses and drivers by providing reliable state-of-the-art digital wireless voice and data services. Further, the site will improve the reliability of emergency communications with the police and fire departments by eliminating dropped or blocked calls due to inadequate signal strength or insufficient network capacity to handle call volume, particularly important during emergency situations.

The Proposed Facility will comply with all federal, state and local safety requirements including the standards established by the FCC, Federal Aviation Administration (FAA), the American Standards Institute (ANSI), and the Massachusetts Department of Public Health (MDPH).

Accordingly, the Proposed Facility will not adversely impact the health, safety and/or welfare of the neighborhood or the residents of the City of Cambridge.

**5. For other reasons, the proposed installation will not impair the integrity of the district or adjoining district or otherwise derogate from the intent or purpose of this ordinance for the following reasons:**

The Proposed Facility is designed to blend with the existing characteristics of the Property, reducing any visual impacts to the surrounding area. Accordingly, the Proposed Facility's design results in a minimal impact on the underlying and adjacent zoning district and is consistent with the Ordinance's intention to allow for less intrusive wireless telecommunications facilities in all districts (other than Open Space), including the Residence C-1 District.

As mentioned above, the proposed modifications to the existing installation will not generate any traffic, smoke, dust, heat, glare, discharge or noxious substances, nor will it pollute waterways or groundwater.

**6. The new use of the building construction is consistent with the Urban Design Objective set for tin Section 19.30 of the Ordinance:**



Not Applicable. The Applicant is not proposing to construct a new building or structure.

**IV. Summary**

The Applicant hereby requests that the Board determine that the City of Cambridge has the right to authorize the construction of the Proposed Facility through the issuance of a Building Permit, pursuant to Section 6409(a) of the Spectrum Act. Or, in the alternative, its proposed modifications to the existing telecommunications facility will not have any adverse effect on the neighborhood within which the Property is located in particular, and the City of Cambridge as a whole. The findings are made in view of the particular characteristics of the Property and of the Applicant's proposed siting and equipment, as detailed above. This Property is the most appropriate location for the installation and operation of the wireless communications facility.

For the foregoing reasons the Applicant respectfully requests that the Board grant the foregoing relief pursuant to Section 6409(a) of the Spectrum Act or, in the alternative, zoning relief in the form of a Special Permit and such other relief as the Board deems necessary to allow the installation and operation of the Applicant's Proposed Facility.

Sincerely,

A handwritten signature in black ink, appearing to read "Adam F. Braillard", written over a horizontal line.

Adam F. Braillard  
Direct: 617-456-8153  
Email: [abraillard@princelobel.com](mailto:abraillard@princelobel.com)



E-Mail Address: abraillard@princelobel.com

Date: \_\_\_\_\_

**BZA Application Form**

**DIMENSIONAL INFORMATION**

**Applicant:** T-Mobile Northeast LLC, for Onwer, GI ETS  
Cambridge, LLC  
**Location:** 237 Putnam Ave., Cambridge, MA  
**Phone:** 617-456-8153

**Present Use/Occupancy:** Business and  
Telecommunications  
**Zone:** Residence C-1 Zone  
**Requested Use/Occupancy:** Telecommunications

		<u>Existing Conditions</u>	<u>Requested Conditions</u>	<u>Ordinance Requirements</u>	
<u>TOTAL GROSS FLOOR AREA:</u>		N/A	No Change	N/A	(max.)
<u>LOT AREA:</u>		N/A	No Change	N/A	(min.)
<u>RATIO OF GROSS FLOOR AREA TO LOT AREA: <sup>2</sup></u>		N/A	No Change	N/A	
<u>LOT AREA OF EACH DWELLING UNIT</u>		N/A	No Change	N/A	
<u>SIZE OF LOT:</u>	WIDTH	N/A	No Change	N/A	
	DEPTH	N/A	No Change	N/A	
<u>SETBACKS IN FEET:</u>	FRONT	N/A	No Change	N/A	
	REAR	N/A	No Change	N/A	
	LEFT SIDE	N/A	No Change	N/A	
	RIGHT SIDE	N/A	No Change	N/A	
<u>SIZE OF BUILDING:</u>	HEIGHT	N/A	No Change	N/A	
	WIDTH	N/A	No Change	N/A	
	LENGTH	N/A	No Change	N/A	
<u>RATIO OF USABLE OPEN SPACE TO LOT AREA:</u>		N/A	No Change	N/A	
<u>NO. OF DWELLING UNITS:</u>		N/A	No Change	N/A	
<u>NO. OF PARKING SPACES:</u>		N/A	No Change	N/A	
<u>NO. OF LOADING AREAS:</u>		N/A	No Change	N/A	
<u>DISTANCE TO NEAREST BLDG. ON SAME LOT</u>		N/A	No Change	N/A	

Describe where applicable, other occupancies on the same lot, the size of adjacent buildings on same lot, and type of construction proposed, e.g; wood frame, concrete, brick, steel, etc.:

The proposed installation involves a modification of an existing wireless telecommunications facility, more commonly referred to as a "collocation".

1. SEE CAMBRIDGE ZONING ORDINANCE ARTICLE 5.000, SECTION 5.30 (DISTRICT OF DIMENSIONAL REGULATIONS).
2. TOTAL GROSS FLOOR AREA (INCLUDING BASEMENT 7'-0" IN HEIGHT AND ATTIC AREAS GREATER THAN 5') DIVIDED BY LOT AREA.

## PROJECT INFORMATION

**SITE NAME:** BN108/237 PUTNAM AVE  
**SITE NUMBER:** 4BN0108B  
**SITE ADDRESS:** 237 PUTNAM AVENUE  
 CAMBRIDGE, MA 02139  
**COUNTY:** MIDDLESEX COUNTY  
**MUNICIPALITY:** CITY OF CAMBRIDGE  
**ZONING:** C-1 RESIDENCE  
**LATITUDE:** N 42°21'47.52" (42.36320°) (NAD83)  
**LONGITUDE:** W 71°6'51.768" (-71.11438°) (NAD83)  
**TYPE OF SITE:** ROOFTOP  
**STRUCTURE HEIGHT:** 54'-6" AGL  
**ANTENNA CENTER:** 50'-0" AGL  
**GROUND ELEVATION:** 49'-0" (NAVD 88)  
**BUILDING OWNER NAME:** PILOT PUTNAM AVE LLC  
**BUILDING OWNER ADDRESS:** 212 NORTHERN AVE  
 SOUTH BOSTON, MA 02210  
**APPLICANT:** T-MOBILE NORTHEAST, LLC.  
 15 COMMERCE WAY, SUITE B  
 NORTON, MASSACHUSETTS 02766  
**APPLICANT PHONE:** (508) 286-2700  
**APPLICANT FAX:** (508) 286-2893



# T-Mobile NORTHEAST LLC

**SITE NAME:** BN108/237 PUTNAM AVE  
**SITE ID:** 4BN0108B  
**ADDRESS:** 237 PUTNAM AVENUE  
 CAMBRIDGE, MA 02139

**TECHNOLOGY:** 67G998G P6230  
**MODIFICATION:** RADIO UPGRADE\_4460 L600\_L600 COVERAGE

# T-Mobile NORTHEAST LLC

T-MOBILE NORTHEAST, LLC.  
 15 COMMERCE WAY, SUITE B  
 NORTON, MA 02766  
 PHONE: (508) 286-2700  
 FAX: (508) 286-2893



750 W CENTER ST, SUITE 301  
 WEST BRIDGEWATER, MA 02379  
 PHONE: 781.713.4725

### REVISIONS

REV	DATE	DESCRIPTION	BY
0	02/11/24	ISSUED FOR CONSTRUCTION	AB
C	12/23/24	REVISED PER REDLINES	PV
B	12/11/24	ISSUED FOR REVIEW	RB
A	11/04/24	INTERNAL REVIEW	RB

**DESIGNED BY:** RB  
**APPROVED BY:** RC



**DATE: 02/11/2025**

IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER TO ALTER THIS DOCUMENT. UNLESS EXPLICITLY AGREED TO BY THE ENGINEER IN WRITING, THE ENGINEER DISCLAIMS ALL LIABILITY ASSOCIATED WITH THE REUSE, ALTERATION OR MODIFICATION OF THE CONTENTS HEREIN.

**SITE NAME:** BN108/237 PUTNAM AVE  
**SITE ID:** 4BN0108B  
**SITE ADDRESS:** 237 PUTNAM AVENUE  
 CAMBRIDGE, MA 02139  
 MIDDLESEX COUNTY

**SHEET TITLE:** TITLE SHEET

**DRAWING:** T-1

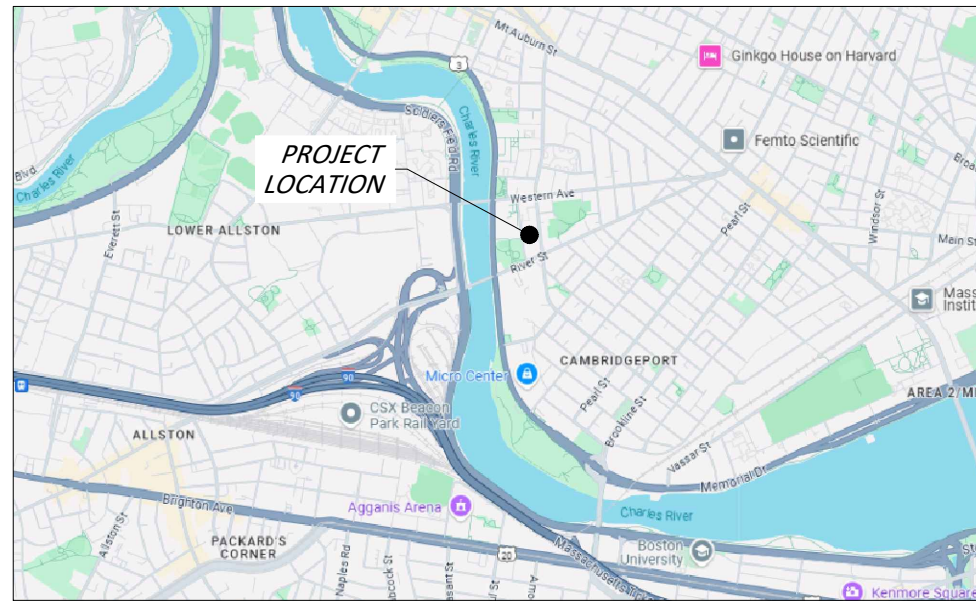
## PROJECT DIRECTORY

**ENGINEERING FIRM:**  
 CENTERLINE COMMUNICATIONS  
 750 WEST CENTER ST, SUITE 301  
 WEST BRIDGEWATER, MA 02379  
 DEREK CREASER (617) 306-3034

**CARRIER:**  
 T-MOBILE NORTHEAST, LLC.  
 15 COMMERCE WAY, SUITE B  
 NORTON, MA 02766  
 PHONE: (508) 286-2700  
 FAX: (508) 286-2893



Know what's below.  
 Call before you dig.



VICINITY MAP  
NOT TO SCALE



LOCATION MAP  
NOT TO SCALE

## GENERAL NOTES

1. THIS DOCUMENT IS THE CREATION, DESIGN, PROPERTY AND COPYRIGHTED WORK OF T-MOBILE. ANY DUPLICATION OR USE WITHOUT EXPRESS WRITTEN CONSENT IS STRICTLY PROHIBITED. DUPLICATION AND USE BY GOVERNMENT AGENCIES FOR THE PURPOSE OF CONDUCTING THEIR LAWFULLY AUTHORIZED REGULATORY AND ADMINISTRATIVE FUNCTIONS IS SPECIFICALLY ALLOWED.
2. THE FACILITY IS AN UNMANNED PRIVATE AND SECURED EQUIPMENT INSTALLATION. IT IS ONLY ACCESSED BY TRAINED TECHNICIANS FOR PERIODIC ROUTINE MAINTENANCE AND THEREFORE DOES NOT REQUIRE ANY WATER OR SANITARY SEWER SERVICE. THE FACILITY IS NOT GOVERNED BY REGULATIONS REQUIRING PUBLIC ACCESS PER ADA REQUIREMENTS.
3. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE T-MOBILE REPRESENTATIVE IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

## SCOPE OF WORK

1. REMOVE SIX EXISTING ANTENNAS
2. INSTALL THREE NEW ANTENNAS
3. INSTALL SIX NEW RRUS
4. REMOVE NINE TMAS
5. REMOVE THREE ANDREW SMART BIAS T
6. INSTALL THREE NEW SMART BIAS T
7. INSTALL TWO NEW 6X24 HYBRID CABLES
8. REMOVE ONE RBS 6201 EQUIPMENT CABINET
9. INSTALL ONE NEW ERICSSON 6230 V2 POWER CABINET
10. INSTALL ONE NEW ERICSSON 19" DELTA TITAN EQUIPMENT
11. REMOVE ALL UNUSED CABLES AND EQUIPMENT

## DRAWING INDEX

NO.	DESCRIPTION
T-1	TITLE SHEET
GN-1	GENERAL NOTES, RF NOTES, CABLING NOTES
A-1	ROOFTOP PLAN
A-2	EQUIPMENT LAYOUT
A-3	EQUIPMENT DETAILS
A-4	EAST ELEVATION
A-5	ANTENNA PLAN & SCHEDULE
SN-1	STRUCTURAL NOTES & SPECIAL INSPECTIONS
S-1	ANTENNA & RRU MOUNTING DETAILS
G-1	GROUNDING & ONE LINE DIAGRAM

## DRAWING SCALE NOTES:

THESE DRAWINGS ARE FORMATTED TO BE FULL SIZE AT 22"x34". CONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

## RF NOTES

1. ACTUAL LENGTHS SHALL BE DETERMINED PER SITE CONDITION BY SUBCONTRACTOR
2. THE DESIGN IS BASED ON RF DATA SHEETS, SIGNED AND APPROVED.
3. RADIO SIGNAL CABLE AND RACEWAY SHALL COMPLY WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC, NFPA 70), CHAPTER 8.
4. ALL SPECIFIED MATERIAL FOR EACH LOCATION (E.G. OUT DOORS-OCCUPIED, INDOORS-UNOCCUPIED, PLENUMS, RISER SHAFTS, ETC.) SHALL BE APPROVED, LISTED, OR LABELED AS REQUIRED BY THE NEC.
5. RADIO SIGNAL CABLE SHALL BE SUPPORTED AT MINIMUM OF EVERY THREE (3) FEET EXCEPT INSIDE MONOPOLES OR MONOPOLES WHERE CABLE AND CONNECTOR MANUFACTURERS SUPPORT RECOMMENDATIONS SHALL BE FOLLOWED. MANUFACTURER RECOMMENDATION CABLES SUPPORT ACCESSORIES SHALL BE USED.
6. THE OUTDOOR CABLE SUPPORT SYSTEM SHALL BE PROVIDED WITH AN ICE SHIELD TO SUPPORT AND PROTECT ANTENNA CABLE RUNS.
7. DRIP LOOPS SHALL BE REQUIRED ON ALL OUTSIDE CABLES. CABLES SHALL BE SLOPED AWAY FROM BUILDING OR OUTDOOR BTS CABINETS TO PREVENT WATER FROM ENTERING THROUGH THE COAXIAL CABLE PORT.
8. ALL FEEDER LINE AND JUMPER CONNECTORS SHALL BE 7/16 DIN CABLE CONNECTORS THAT MEET IP68 STANDARDS.
9. 7/16 DIN CONNECTORS REQUIRE NO ADDITIONAL WEATHER PROOFING IN INDOOR APPLICATIONS IF INSTALLED AND TORQUED PROPERLY. IN OUTDOOR APPLICATIONS WEATHER PROOFING IS REQUIRED AND THE FOLLOWING PROCEDURE SHOULD BE FOLLOWED.
10. USING WEATHERPROOFING KIT APPROVED BY CABLE MANUFACTURER AND CONTRACTOR START TAPE APPROXIMATELY 5 INCHES FROM THE CONNECTOR, AND WRAP 2 INCHES TOWARD THE CONNECTOR, THEN REVERSE THE TAPE SO THAT THE STICKY SIDE IS UP. TAPE OVER THE CONNECTOR OR SURGE ARRESTOR UNTIL THREE (3) TO FOUR (4) INCHES BEYOND THE CONNECTOR AND REVERSE AGAIN WITH THE STICKY SIDE DOWN FOR ANOTHER INCH OR TWO. PASS THE BUTYL RUBBER AND FINISH WITH A FINAL LAYER OF TAPE.
11. ANTENNAS SHALL BE PAINTED, WHEN REQUIRED, BY THE LANDLORD OR AUTHORITY OF HAVING JURISDICTION IN ACCORDANCE WITH ANTENNA MANUFACTURERS' SURFACES PREPARATION AND PAINTING REQUIREMENTS.
12. CABLE SHIELDS AND TOWER CONDUITS SHALL BE GROUNDED AT THE TOP OF THE TOWER WITHIN 10 FEET OF THEIR CONNECTORS, AND AT THE BOTTOM OF THE TOWER ABOUT 6 INCHES BEFORE THEY TURN TOWARD THE FACILITY. THEY SHALL BE GROUNDED AT THE MIDPOINT OF THE TOWERS THAT ARE BETWEEN 60 FEET AND 200 FEET HIGH, AND AT INTERVALS OF 60 FEET OR LESS ON TOWERS THAT ARE HIGHER THAN 200 FEET.

## ANTENNA CABLE & SCHEDULING NOTES

1. SUBCONTRACTOR SHALL VERIFY THE ACTUAL LENGTH IN THE FIELD BEFORE INSTALLATION.
2. TAG AND COLOR CODE ALL MAIN CABLES AT LOCATIONS PER T-MOBILE ANTENNA CABLE MARKING STANDARD:
  - TOP OF TOWER END OF MAIN COAX
  - BOTTOM OF TOWER END OF MAIN COAX
  - DIRECTLY BEFORE AND AFTER RF EQUIPMENT
  - END OF JUMPERS AT BTS EQUIPMENT
3. ANTENNAS SHALL BE PROCURED AND INSTALLED WITH DOWN TILT MOUNTING BRACKETS SUPPLIED BY ANTENNA MANUFACTURER.
4. PRIOR APPROVAL IS REQUIRED BEFORE PERFORMING ANY WORK ON EXISTING CELL SITE EQUIPMENT.

## GENERAL NOTES

1. FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY:  
 CONTRACTOR - CENTERLINE COMMUNICATIONS  
 SUBCONTRACTOR - GENERAL CONTRACTOR (CONSTRUCTION)  
 OWNER - T-MOBILE MOBILITY
2. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING SUBCONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CONTRACTOR.
3. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. SUBCONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
4. DRAWINGS PROVIDED HERE ARE NOT TO BE SCALED AND ARE INTENDED TO SHOW OUTLINE ONLY.
5. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
6. "KITTING LIST" SUPPLIED WITH THE BID PACKAGE IDENTIFIES ITEMS THAT WILL BE SUPPLIED BY CONTRACTOR. ITEMS NOT INCLUDED IN THE BILL OF MATERIALS AND KITTING LIST SHALL BE SUPPLIED BY THE SUBCONTRACTOR.
7. THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
8. IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE SUBCONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION SPACE FOR APPROVAL BY THE CONTRACTOR.
9. SUBCONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER AND T1 CABLES, GROUNDING CABLES AS SHOWN ON THE POWER, GROUNDING AND TELCO PLAN DRAWING. SUBCONTRACTOR SHALL UTILIZE EXISTING TRAYS AND/OR SHALL ADD NEW TRAYS AS NECESSARY. SUBCONTRACTOR SHALL CONFIRM THE ACTUAL ROUTING WITH THE CONTRACTOR.
10. THE SUBCONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
11. SUBCONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
12. SUBCONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION.
13. ALL CONCRETE REPAIR WORK SHALL BE DONE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI) 301.
14. ANY NEW CONCRETE NEEDED FOR THE CONSTRUCTION SHALL BE AIR-ENTRAINED AND SHALL HAVE 4000 PSI STRENGTH AT 28 DAYS. ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH ACI 318 CODE REQUIREMENTS.

15. ALL STRUCTURAL STEEL WORK SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATIONS. ALL STRUCTURAL STEEL SHALL BE ASTM A36 (Fy = 36 ksi) UNLESS OTHERWISE NOTED. PIPES SHALL BE ASTM A53 TYPE E (Fy = 36 ksi). ALL STEEL EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED. TOUCHUP ALL SCRATCHES AND OTHER MARKS IN THE FIELD AFTER STEEL IS ERECTED USING A COMPATIBLE ZINC RICH PAINT.
  16. CONSTRUCTION SHALL COMPLY WITH SPECIFICATIONS AND "GENERAL CONSTRUCTION SERVICES FOR CONSTRUCTION OF T-MOBILE MOBILITY SITES."
  17. SUBCONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS MUST BE VERIFIED. SUBCONTRACTOR SHALL NOTIFY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
  18. THE EXISTING CELL SITE IS IN FULL COMMERCIAL OPERATION. ANY CONSTRUCTION WORK BY SUBCONTRACTOR SHALL NOT DISRUPT THE EXISTING NORMAL OPERATION. ANY WORK ON EXISTING EQUIPMENT MUST BE COORDINATED WITH CONTRACTOR. ALSO, WORK SHOULD BE SCHEDULED FOR AN APPROPRIATE MAINTENANCE WINDOW USUALLY IN LOW TRAFFIC PERIODS AFTER MIDNIGHT.
  19. SINCE THE CELL SITE IS ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE ADVISED TO BE WORN TO ALERT OF ANY DANGEROUS EXPOSURE LEVELS.
  20. APPLICABLE BUILDING CODES:  
 SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.  
  
 BUILDING CODE: IBC 2015 & MA STATE BUILDING 780 CMR 9TH EDITION  
 ELECTRICAL CODE: 2020 NATIONAL ELECTRICAL CODE  
 LIGHTNING CODE: NFPA 780-2020
- SUBCONTRACTOR'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, ASD, FIFTEENTH EDITION;
  - TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-H, STRUCTURAL STANDARDS FOR STEEL
  - ANTENNA TOWER AND ANTENNA SUPPORTING STRUCTURES; REFER TO ELECTRICAL DRAWINGS FOR SPECIFIC ELECTRICAL STANDARDS.
- FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

## ABBREVIATIONS

AGL	ABOVE GRADE LEVEL	G.C.	GENERAL CONTRACTOR	RF	RADIO FREQUENCY
AWG	AMERICAN WIRE GAUGE	MGB	MASTER GROUND BUS		
BCW	BARE COPPER WIRE	MIN	MINIMUM	TBD	TO BE DETERMINED
BTS	BASE TRANSCEIVER STATION	PROPOSED	NEW	TBR	TO BE REMOVED
EXISTING	EXISTING	N.T.S.	NOT TO SCALE	TBRR	TO BE REMOVED AND REPLACED
EG	EQUIPMENT GROUND	REF	REFERENCE	TYP	TYPICAL
EGR	EQUIPMENT GROUND RING	REQ	REQUIRED		

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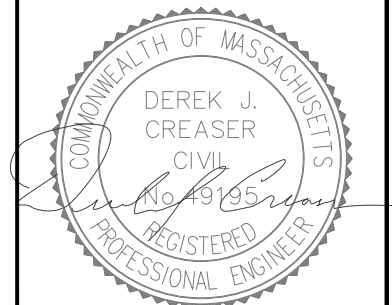


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### REVISIONS

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0	02/11/24	ISSUED FOR CONSTRUCTION	AB
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B	12/11/24	ISSUED FOR REVIEW	RB
A	11/04/24	INTERNAL REVIEW	RB

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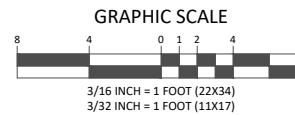
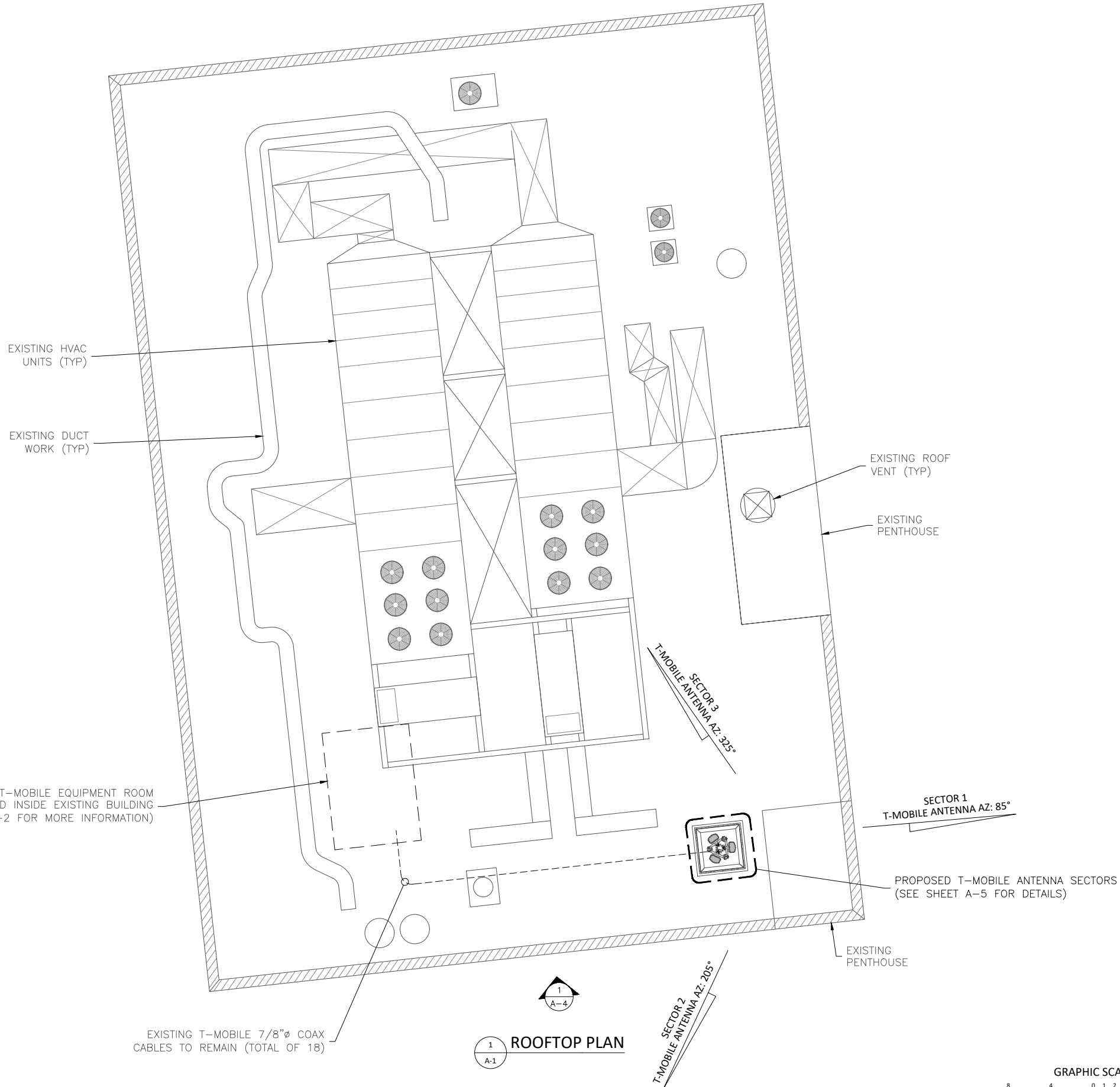
SHEET TITLE:  
**GENERAL NOTES, RF NOTES,  
CABLING NOTES**

DRAWING:  
**GN-1**



# NOTES

1. CONTRACTOR SHALL MAKE A UTILITY 811 DIG SAFE CALL TO LOCATE ALL UTILITIES PRIOR TO EXCAVATING.
2. REFERENCE STRUCTURAL ANALYSIS BY EFI GLOBAL, DATED 02/06/2025, FOR FURTHER INFORMATION REGARDING THE CAPACITY OF THE EXISTING STRUCTURE TO SUPPORT THIS EQUIPMENT UPGRADE.
3. REFER TO THE FINAL RF DATA SHEET FOR FINAL ANTENNA MODELS AND SETTINGS.



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SHEET TITLE:  
**ROOFTOP PLAN**

DRAWING:  
**A-1**



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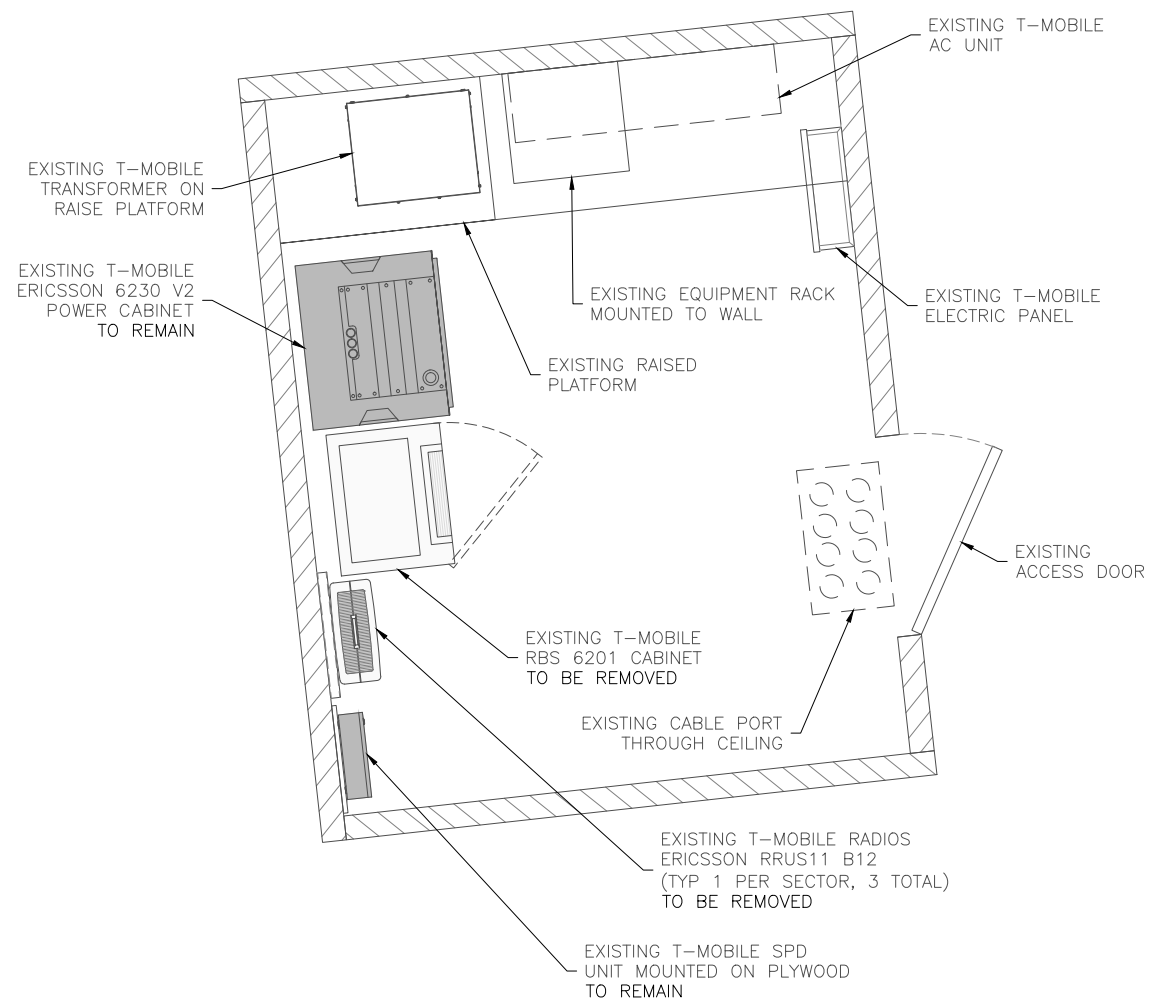
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MIDDLESEX COUNTY

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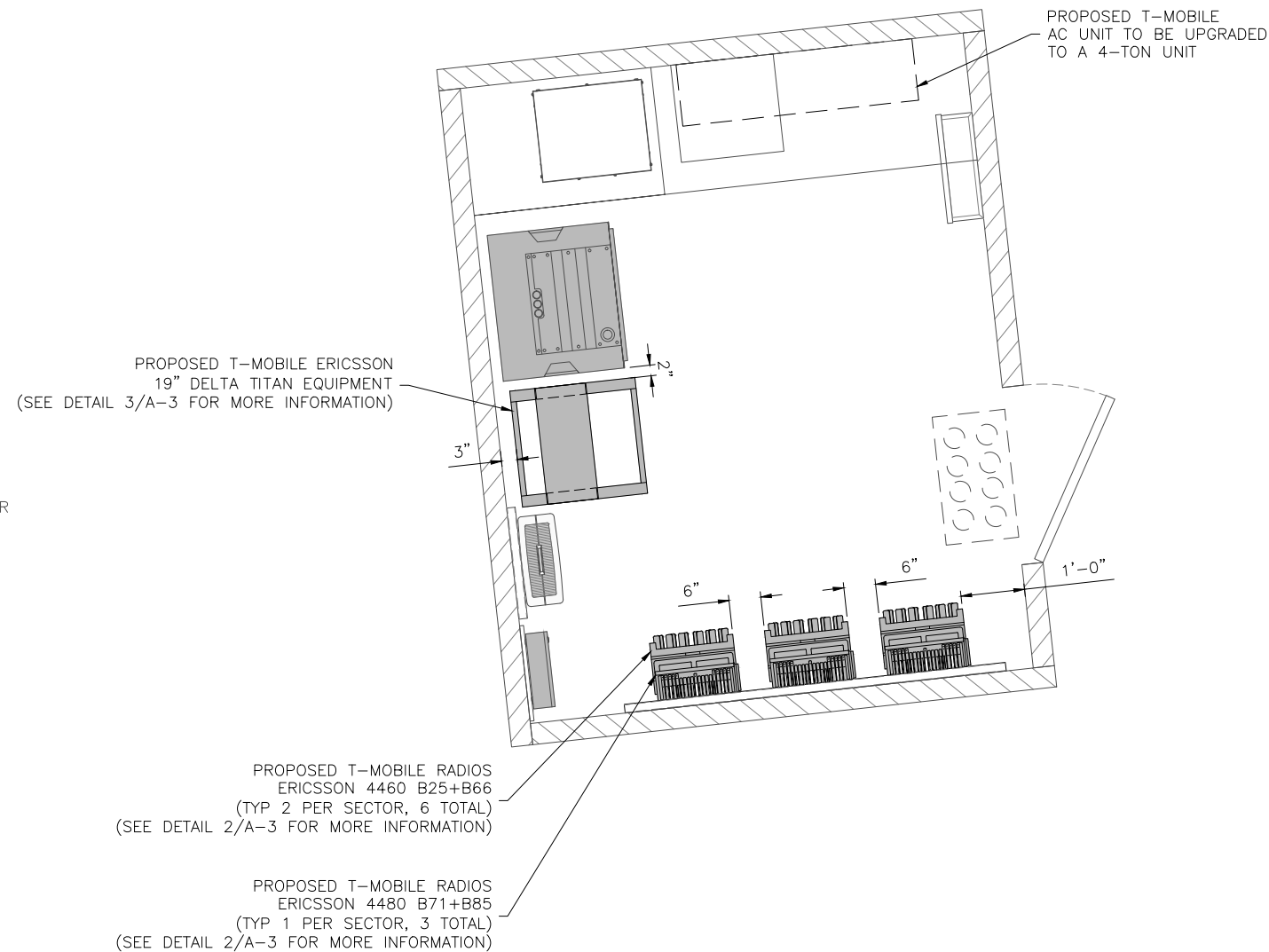
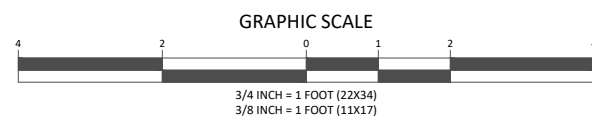
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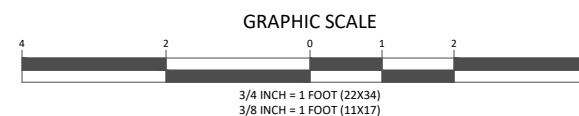
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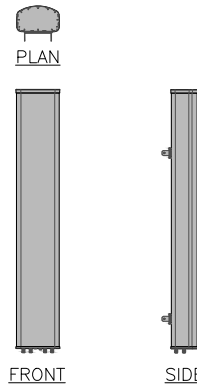
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A-2  
**EXISTING EQUIPMENT PLAN**



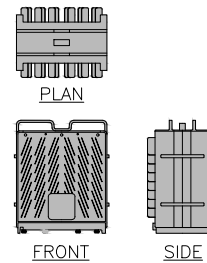
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A-2  
**PROPOSED EQUIPMENT PLAN**



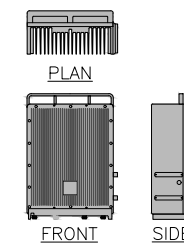
ANTENNA SPECIFICATIONS	
MODEL#	FVV-65B-R3
MANUF	COMMSCOPE
HEIGHT	71.97"
WIDTH	11.81"
DEPTH	7.13"
WEIGHT	43.12 LBS W/O MTG HARDWARE 50.51 LBS W/ MTG HARDWARE
FRONT EPA	5.92 FT <sup>2</sup>
SIDE EPA	3.56 FT <sup>2</sup>



1 ANTENNA DETAILS  
A-3

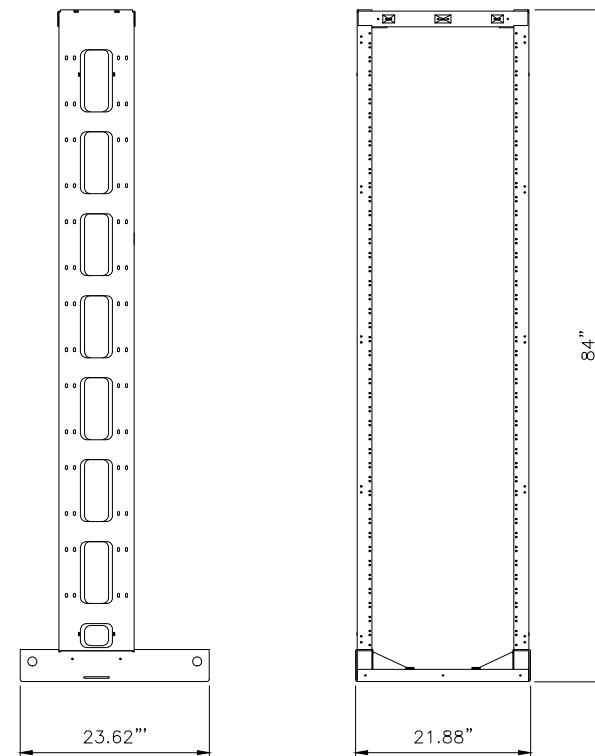


RADIO SPECIFICATIONS	
MODEL#	RADIO 4460 B25+B66
MANUF	ERICSSON
HEIGHT	19.6"
WIDTH	15.7"
DEPTH	12.1"
WEIGHT	109 LBS



RADIO SPECIFICATIONS	
MODEL#	RADIO 4480 B71+B85
MANUF	ERICSSON
HEIGHT	19.5"
WIDTH	15.1"
DEPTH	7.8"
WEIGHT	87 LBS

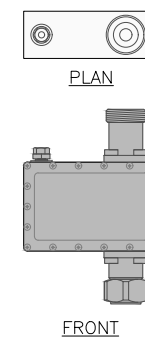
2 RADIO DETAILS  
A-3



DELTA TITAN RACK, 19", 600MM DEEP, 7FT

SPECIFICATION UNIT	DESCRIPTION
BASE DIMENSIONS (HxWxD)	84"x21.88"x23.62"
WEIGHT	147LBS EMPTY (800LBS MAX)
RACK MATERIAL	HEAVY GAUGE WELDED STEEL
FRAME	
STANDARD FINISH	TELCO GRAY POWDER COAT

3 PROPOSED EQUIPMENT RACK SPECIFICATIONS  
A-3



SMART BIAS-T SPECIFICATIONS	
MODEL #	ATSBT-TOP-MF-4G
MANUF	COMMSCOPE
HEIGHT	5.630"
WIDTH	3.701"
DEPTH	1.969"
WEIGHT	1.764 LBS

4 SMART BIAS-T DETAIL  
A-3

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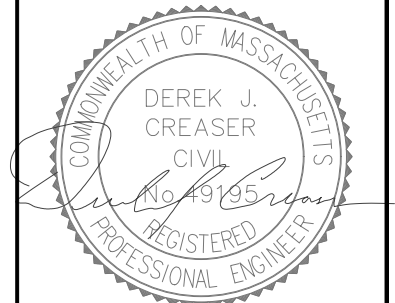


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SHEET TITLE:	EQUIPMENT DETAILS
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DRAWING:	A-3
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SHEET TITLE:  
EAST ELEVATION

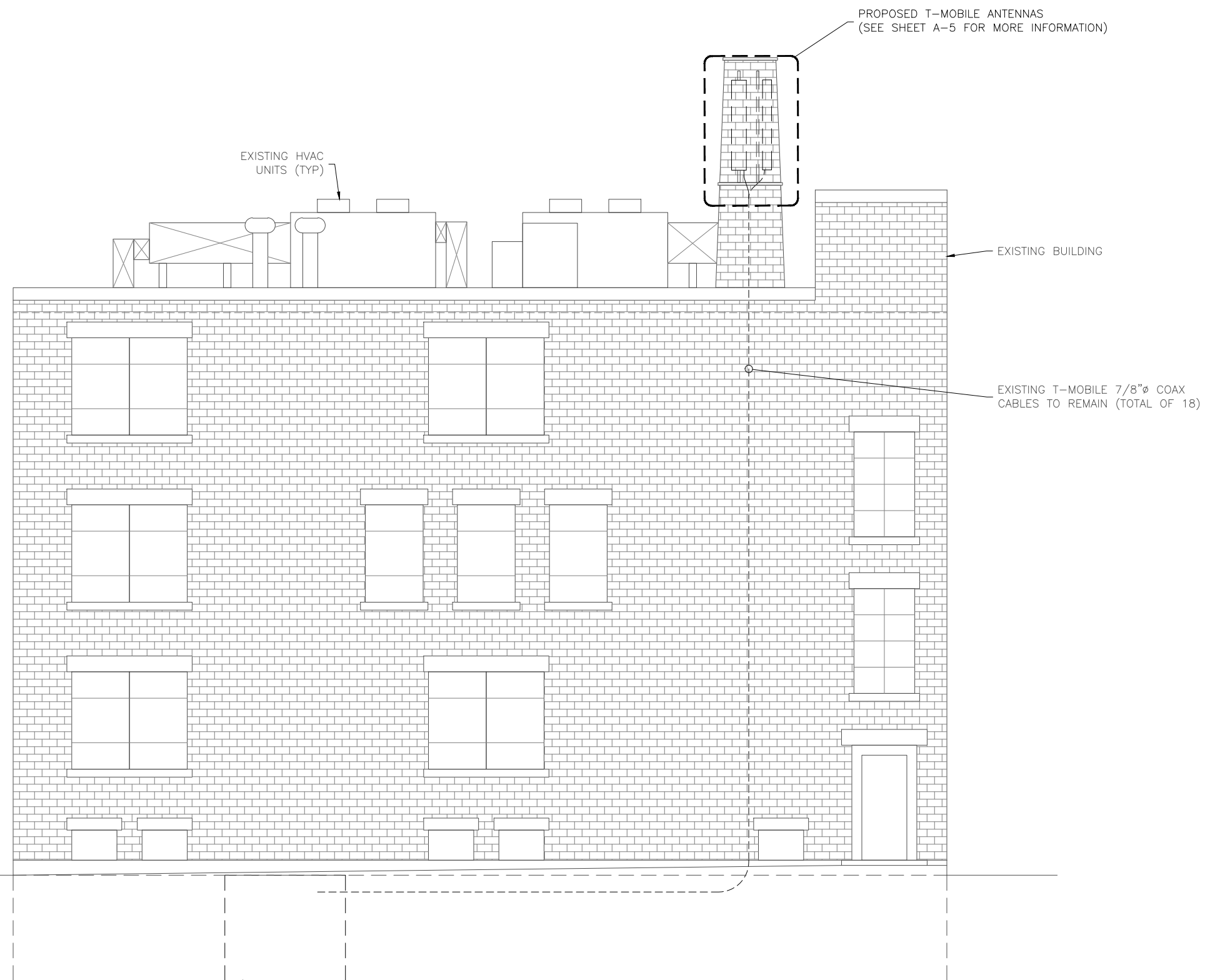
DRAWING:  
A-4

TOP OF EXISTING CHIMNEY  
54'-6"± AGL

PROPOSED T-MOBILE RAD CENTER  
50'-0"± AGL

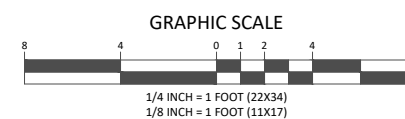
TOP OF EXISTING ROOF  
37'-6"± AGL

EXISTING GRADE  
0'-0" AGL



EXISTING T-MOBILE EQUIPMENT ROOM  
LOCATED INSIDE EXISTING BUILDING  
(SEE SHEET A-2 FOR MORE INFORMATION)

1  
A-4 EAST ELEVATION





## ANTENNA & CABLE SCHEDULE:

- ANTENNA & CABLE NOTES:**
- REFERENCE MOUNT ANALYSIS BY EFI GLOBAL, DATED 02/06/2025, FOR FURTHER INFORMATION REGARDING THE CAPACITY OF THE EXISTING STRUCTURE TO SUPPORT THIS EQUIPMENT UPGRADE.
  - REFER TO THE FINAL RF DATA SHEET FOR FINAL ANTENNA SETTINGS.
  - REMOVE ALL UNUSED CABLE, RRUS AND TMAs.
  - PAINT ANTENNAS AND EQUIP. TO MATCH EXISTING.

LOCATION	AZIMUTH	RAD CENTER	STATUS	TECHNOLOGY	ANTENNA MODEL NO.	MECH DOWNTILT	ELEC DOWNTILT	CABLES	DIPLEXERS	TMA/RRU	CABLE SIZE	CABLE LENGTH
ALPHA	A-1	85°	PROPOSED	L700, L600, N600, N1900, L1900, L2100	FVV-65B-R3	0°	0°/0°/0°	3) 7/8" COAX CABLE (X6) - 115' 3) COAX JUMPER (X6) - 10'	N/A	RRUS 4480 B71+B85 RRUS 4460 B25+B66	6x24 HYBRID	32'
BETA	B-1	205°	PROPOSED	L700, L600, N600, N1900, L1900, L2100	FVV-65B-R3	0°	0°/0°/0°	3) 7/8" COAX CABLE (X6) - 115' 3) COAX JUMPER (X6) - 10'	N/A	RRUS 4480 B71+B85 RRUS 4460 B25+B66	SHARED	N/A
GAMMA	C-1	325°	PROPOSED	L700, L600, N600, N1900, L1900, L2100	FVV-65B-R3	0°	0°/0°/0°	3) 7/8" COAX CABLE (X6) - 115' 3) COAX JUMPER (X6) - 10'	N/A	RRUS 4480 B71+B85 RRUS 4460 B25+B66	6x24 HYBRID	32'
NOTE: DARK TEXT IN TABLE ABOVE DENOTES PROPOSED EQUIPMENT										(2) TOTAL 6x24 HYBRID CABLES	64'	

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### REVISIONS

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C	12/23/24	REVISED PER REDLINES	PV
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DESIGNED BY: RB	APPROVED BY: RC
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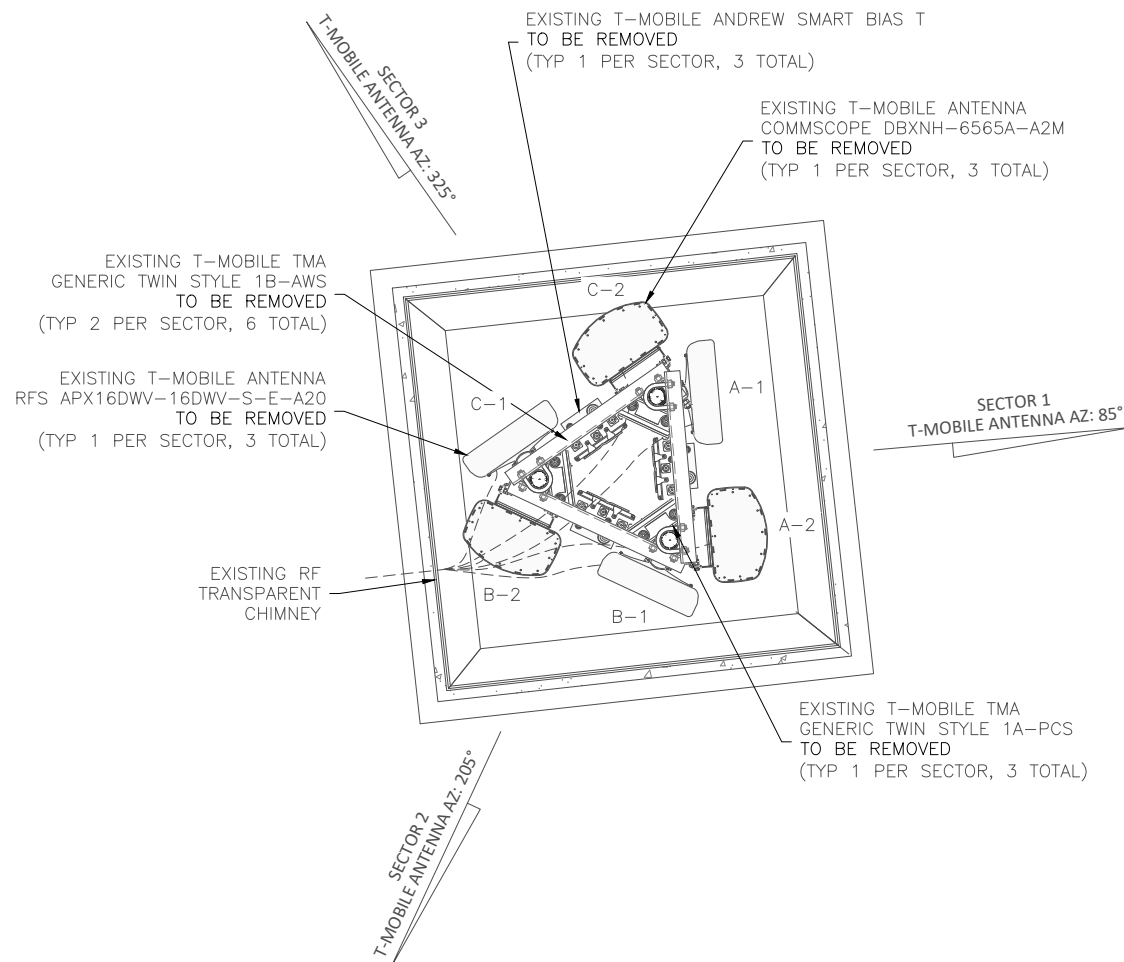
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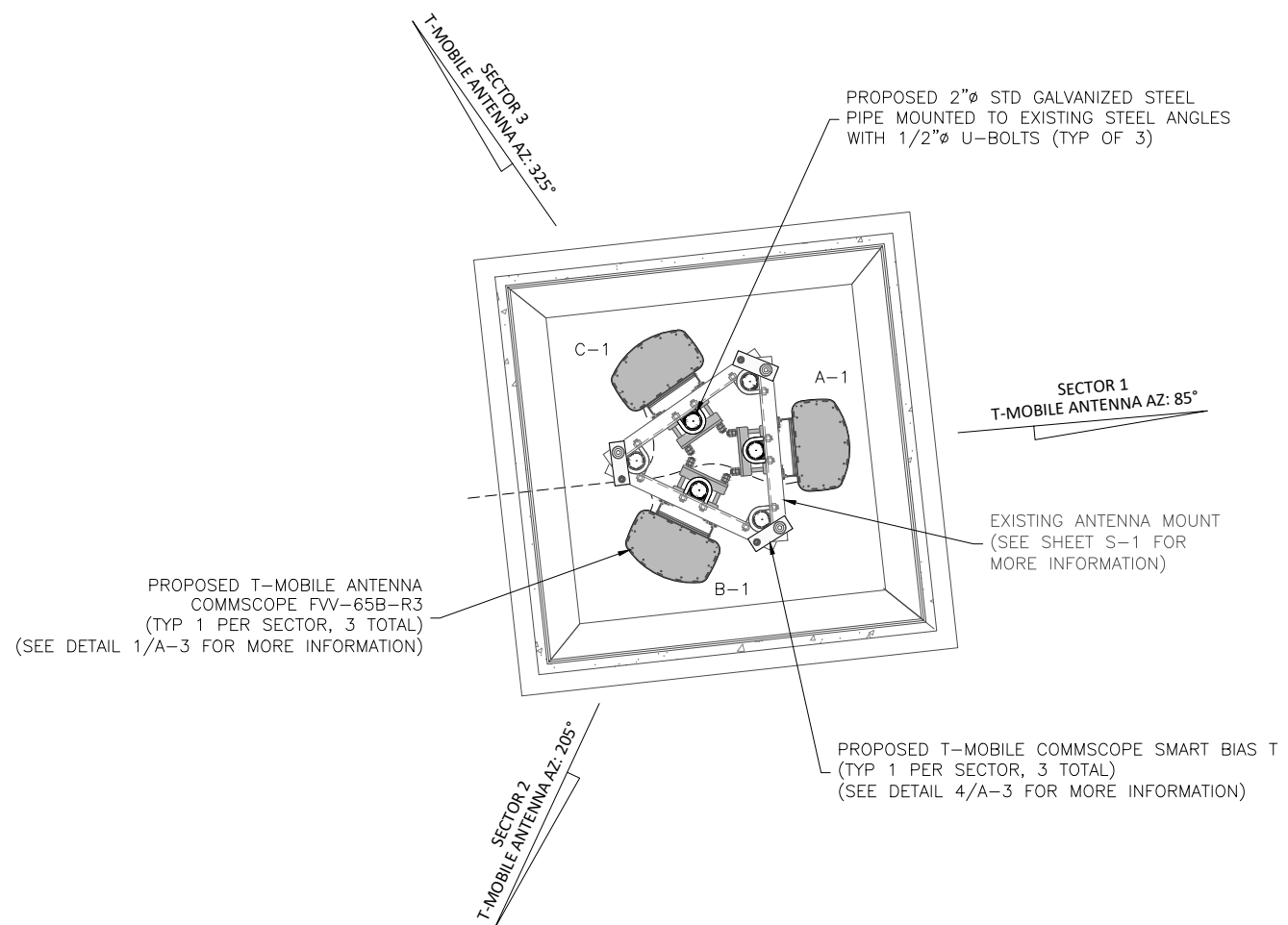
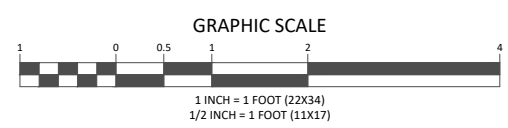
SITE NAME:	BN108/237 PUTNAM AVE
SITE ID:	4BN0108B
SITE ADDRESS:	237 PUTNAM AVENUE CAMBRIDGE, MA 02139 MIDDLESEX COUNTY

SHEET TITLE:  
**ANTENNA PLAN & SCHEDULE**

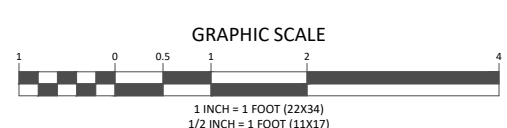
DRAWING:  
**A-5**



1  
A-5  
**EXISTING ANTENNA PLAN**



2  
A-5  
**PROPOSED ANTENNA PLAN**





**STRUCTURAL NOTES:**

- DESIGN REQUIREMENTS ARE PER STATE BUILDING CODE AND APPLICABLE SUPPLEMENTS, INTERNATIONAL BUILDING CODE, EIA/TIA-222-G STRUCTURAL STANDARDS FOR STEEL ANTENNA, TOWERS AND ANTENNA SUPPORTING STRUCTURES.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO FABRICATION AND ERECTION OF ANY MATERIAL. ANY UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND ENGINEER OF RECORD.
- DESIGN AND CONSTRUCTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A992 (Fy=50 ksi), MISCELLANEOUS STEEL SHALL CONFORM TO ASTM A36 UNLESS OTHERWISE INDICATED.
- STEEL PIPE SHALL CONFORM TO ASTM A500 "COLD-FORMED WELDED & SEAMLESS CARBON STEEL STRUCTURAL TUBING", GRADE B, OR ASTM A53 PIPE STEEL BLACK AND HOT-DIPPED ZINC-COATED WELDED AND SEAMLESS TYPE E OR S, GRADE B. PIPE SIZES INDICATED ARE NOMINAL. ACTUAL OUTSIDE DIAMETER IS LARGER.
- STRUCTURAL CONNECTION BOLTS SHALL BE HIGH STRENGTH BOLTS (BEARING TYPE) AND CONFORM TO ASTM A325 TYPE-X "HIGH STRENGTH BOLTS FOR STRUCTURAL JOINTS, INCLUDING SUITABLE NUTS AND PLAIN HARDENED WASHERS". ALL BOLTS SHALL BE 3/4" DIA UON.
- ALL STEEL MATERIALS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 "ZINC (HOT-DIP GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS", UNLESS OTHERWISE NOTED.
- ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 "ZINC-COATING (HOT-DIP) ON IRON AND STEEL HARDWARE", UNLESS OTHERWISE NOTED.
- FIELD WELDS, DRILL HOLES, SAW CUTS AND ALL DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED WITH AN ORGANIC ZINC REPAIR PAINT COMPLYING WITH REQUIREMENTS OF ASTM A780. GALVANIZING REPAIR PAINT SHALL HAVE 65 PERCENT ZINC BY WEIGHT, ZIRP BY DUNCAN GALVANIZING, GALVA BRIGHT PREMIUM BY CROWN OR EQUAL. THICKNESS OF APPLIED GALVANIZING REPAIR PAINT SHALL BE NOT NOT LESS THAN 4 COATS (ALLOW TIME TO DRY BETWEEN COATS) WITH A RESULTING COATING THICKNESS REQUIRED BY ASTM A123 OR A153 AS APPLICABLE.
- CONTRACTOR SHALL COMPLY WITH AWS CODE FOR PROCEDURES, APPEARANCE AND QUALITY OF WELDS, AND FOR METHODS USED IN CORRECTING WELDING. ALL WELDERS AND WELDING PROCESSES SHALL BE QUALIFIED IN ACCORDANCE WITH AWS "STANDARD QUALIFICATION PROCEDURES". ALL WELDING SHALL BE DONE USING E70XX ELECTRODES AND WELDING SHALL CONFORM TO AISC AND D.I.I. WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC "STEEL CONSTRUCTION MANUAL". 14TH EDITION.
- INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISFITTING OR NON-CONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE CONSTRUCTION MANAGER PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH ACTION SHALL REQUIRE CONSTRUCTION MANAGER APPROVAL.
- UNISTRUT SHALL BE FORMED STEEL CHANNEL STRUT FRAMING AS MANUFACTURED BY UNISTRUT CORP., WAYNE, MI OR EQUAL. STRUT MEMBERS SHALL BE 1 5/8"x1 5/8"x12GA, UNLESS OTHERWISE NOTED, AND SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION.
- EPOXY ANCHOR ASSEMBLY SHALL CONSIST OF STAINLESS STEEL ANCHOR ROD WITH NUTS & WASHERS, AN INTERNALLY THREADED INSERT, A SCREEN TUBE AND A EPOXY ADHESIVE. THE ANCHORING SYSTEM SHALL BE THE HILTI-HIT HY-270 AND OR HY-200 SYSTEMS (AS SPECIFIED IN DWG.) OR ENGINEERS APPROVED EQUAL.
- EXPANSION BOLTS SHALL CONFORM TO FEDERAL SPECIFICATION FF-S-325, GROUP II, TYPE 4, CLASS I, HILTI KWIK BOLT III OR APPROVED EQUAL. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- LUMBER SHALL COMPLY WITH THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION AND THE NATIONAL FOREST PRODUCTS ASSOCIATION'S NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION. ALL LUMBER SHALL BE PRESSURE TREATED AND SHALL BE STRUCTURAL GRADE NO. 2 OR BETTER.
- WHERE ROOF PENETRATIONS ARE REQUIRED, THE CONTRACTOR SHALL CONTACT AND COORDINATE RELATED WORK WITH THE BUILDING OWNER AND THE EXISTING ROOF INSTALLER. WORK SHALL BE PERFORMED IN SUCH A MANNER AS TO VOID THE EXISTING ROOF WARRANTY. ROOF SHALL BE WATERTIGHT.
- ALL FIBERGLASS MEMBERS USED ARE AS MANUFACTURED BY STRONGWELL COMPANY OF BRISTOL, VA 24203. ALL DESIGN CRITERIA FOR THESE MEMBERS IS BASED ON INFORMATION PROVIDED IN THE DESIGN MANUAL. ALL REQUIREMENTS PUBLISHED IN SAID MANUAL MUST BE STRICTLY ADHERED TO.
- NO MATERIALS TO BE ORDERED AND NO WORK TO BE COMPLETED UNTIL SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED IN WRITING.
- SUBCONTRACTOR SHALL FIREPROOF ALL STEEL TO PRE-EXISTING CONDITIONS.

**SPECIAL INSPECTION CHECKLIST**

BEFORE CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
N/A	ENGINEER OF RECORD APPROVED SHOP DRAWINGS <sup>1</sup>
N/A	MATERIAL SPECIFICATIONS REPORT <sup>2</sup>
N/A	FABRICATOR NDE INSPECTION
N/A	PACKING SLIPS <sup>3</sup>

DURING CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
<b>REQUIRED</b>	STEEL INSPECTIONS
N/A	HIGH STRENGTH BOLT INSPECTIONS
N/A	HIGH WIND ZONE INSPECTIONS <sup>4</sup>
N/A	FOUNDATION INSPECTIONS
N/A	CONCRETE COMP. STRENGTH, SLUMP TESTS AND PLACEMENT
N/A	POST INSTALLED ANCHOR VERIFICATION <sup>5</sup>
N/A	GROUT VERIFICATION
N/A	CERTIFIED WELD INSPECTION
N/A	EARTHWORK: LIFT AND DENSITY
N/A	ON SITE COLD GALVANIZING VERIFICATION
N/A	GUY WIRE TENSION REPORT

AFTER CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
<b>REQUIRED</b>	MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS <sup>6</sup>
N/A	POST INSTALLED ANCHOR PULL-OUT TESTING
<b>REQUIRED</b>	PHOTOGRAPHS

- NOTES:**
- REQUIRED FOR ANY NEW SHOP FABRICATED FRP OR STEEL.
  - PROVIDED BY MANUFACTURER, REQUIRED IF HIGH STRENGTH BOLTS OR STEEL.
  - PROVIDED BY GENERAL CONTRACTOR; PROOF OF MATERIALS.
  - HIGH WIND ZONE INSPECTION CATB 120MPH OR CAT C,D 110MPH INSPECT FRAMING OF WALLS, ANCHORING, FASTENING SCHEDULE.
  - ADHESIVE FOR REBAR AND ANCHORS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC308 FOR CRACKED CONCRETE AND SEISMIC APPLICATIONS. DESIGN ADHESIVE BOND STRENGTH HAS BEEN BASED ON ACI 355.4 TEMPERATURE CATEGORY B WITH INSTALLATIONS INTO DRY HOLES DRILLED USING A CARBIDE BIT INTO CRACKED CONCRETE THAT HAS CURED FOR AT LEAST 21 DAYS. ADHESIVE ANCHORS REQUIRING CERTIFIED INSTALLATIONS SHALL BE INSTALLED BY A CERTIFIED ADHESIVE ANCHOR INSTALLER PER ACI 318-11 D.9.2.2. INSTALLATIONS REQUIRING CERTIFIED INSTALLERS SHALL BE INSPECTED PER ACI 318-11 D.8.2.4.
  - AS REQUIRED; FOR ANY FIELD CHANGES TO THE ITEMS IN THIS TABLE.

- NOTES:**
- ALL CONNECTIONS TO BE SHOP WELDED & FIELD BOLTED USING 3/4"Ø A325-X BOLTS, UNLESS OTHERWISE NOTIFIED.
  - SHOP DRAWING ENGINEER REVIEW & APPROVAL REQUIRED BEFORE ORDERING MATERIAL.
  - SHOP DRAWING ENGINEER REVIEW & APPROVAL REQUIRED PRIOR TO STEEL FABRICATION.
  - VERIFICATION OF EXISTING ROOF CONSTRUCTION IS REQUIRED PRIOR TO THE INSTALLATION OF THE ROOF PLATFORM. ENGINEER OF RECORD IS TO APPROVE EXISTING CONDITIONS IN ORDER TO MOVE FORWARD.
  - CENTERLINE OF PROPOSED STEEL PLATFORM SUPPORT COLUMNS TO BE CENTRALLY LOCATED OVER THE EXISTING BUILDING COLUMNS.
  - EXISTING BRICK MASONRY COLUMNS/BEARING TO BE REPAIRED/REPLACED AT ALL PROPOSED PLATFORM SUPPORT POINTS. ENGINEER OF RECORD TO REVIEW AND APPROVE.

**SPECIAL INSPECTIONS (REFERENCE IBC CHAPTER 17):**

**GENERAL:** WHERE APPLICATION IS MADE FOR CONSTRUCTION, THE OWNER OR THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE ACTING AS THE OWNER'S AGENT SHALL EMPLOY ONE OR MORE APPROVED AGENCIES TO PERFORM INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED IN THE INSPECTION CHECKLIST ABOVE.

THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AND ENGINEERS OF RECORD INVOLVED IN THE DESIGN OF THE PROJECT ARE PERMITTED TO ACT AS THE APPROVED AGENCY AND THEIR PERSONNEL ARE PERMITTED TO ACT AS THE SPECIAL INSPECTOR FOR THE WORK DESIGNED BY THEM, PROVIDED THOSE PERSONNEL MEET THE QUALIFICATION REQUIREMENTS.

STATEMENT OF SPECIAL INSPECTIONS: THE APPLICANT SHALL SUBMIT A STATEMENT OF SPECIAL INSPECTIONS PREPARED BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE IN ACCORDANCE WITH SECTION 107.1 AS A CONDITION FOR ISSUANCE. THIS STATEMENT SHALL BE IN ACCORDANCE WITH SECTION 1705.

REPORT REQUIREMENT: SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THEY ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS SHALL BE SUBMITTED.

**REQUIRED INSPECTIONS AND SITE REVIEW DOCUMENT AS A CONDITION OF THE BUILDING PERMIT THE FOLLOWING INSPECTIONS AND SITE REVIEWS IDENTIFIED BY THE BUILDING OFFICIAL ARE REQUIRED FOR WORK PER THE 9TH EDITION OF THE MASSACHUSETTS STATE BUILDING CODE, 780 CMR, SECTION 10 AND CHAPTER 17**

**REQUIRED SITE REVIEW AND DOCUMENTATION FOR PORTIONS OR PHASES CONSTRUCTION <sup>1&6,7</sup>**  
(TO BE PERFORMED BY THE APPROPRIATE REGISTERED DESIGN PROFESSIONAL OF HIS/HER DESIGNEE OR M.G.L.C 112 §81R CONTRACTOR)

SITE REVIEW AND DOCUMENTATION	X	SITE REVIEW AND DOCUMENTATION	X
SOIL CONDITION/ANALYSIS/REPORT		ENERGY EFFICIENCY REQUIREMENTS	
FOOTING AND FOUNDATION (INCLUDING REINFORCEMENT AND FOUNDATION ATTACHMENT)		FIRE ALARM INSTALLATION <sup>2</sup>	
CONCRETE FLOOR AND UNDER FLOOR		FIRE SUPPRESSION AND INSTALLATION <sup>3</sup>	
LOWEST FLOOR FLOOD ELEVATION		FIELD REPORTS <sup>5</sup>	
STRUCTURAL FRAME-WALL/FLOOR/ROOF		CARBON MONOXIDE DETECTION SYSTEM <sup>4</sup>	
LATH AND PLASTER/GYPSUM		SEISMIC REINFORCEMENT	
FIRE RESISTANT WALL/PARTITIONS FINISH ATTACHMENTS		SMOKE CONTROL SYSTEMS	
FIRE RESISTANT WALL/PARTITIONS FINISH ATTACHMENTS		SMOKE AND HEAT VENTS	
ABOVE CEILING INSPECTION		ACCESSIBILITY (521 CMR)	
FIRE BLOCKING/STOPPING SYSTEM		OTHER	
EMERGENCY LIGHTING/EXIT SIGNAGE			
MEANS OF EGRESS COMPONENTS		SPECIAL INSPECTIONS (SECTION 1704):	<b>X</b>
ROOFING, COPING/SYSTEM			
VENTING SYSTEMS (KITCHEN, CHEMICAL, FUME)			
MECHANICAL SYSTEMS			

- IT IS THE RESPONSIBILITY OF THE PERMIT APPLICANT TO NOTIFY THE BUILDING OFFICIAL OF REQUIRED INSPECTIONS (X). INSPECTION OF 780 CMR FIRE PROTECTION SYSTEMS MAY BE WITNESSED BY TEH FIRE OFFICIAL AND INSTALLATION PERMITS ARE REQUIRED FROM THE FIRE DEPARTMENT PER 527 CMR.
- INCLUDE NFPA 72 TEST AND ACCEPTANCE DOCUMENTATION.
- INCLUDE APPLICABLE NFPA 13, 13R, 13D, 14,15, 17, 20, 241, ETC. - TEST AND ACCEPTANCE DOCUMENTATION.
- INCLUDE NFPA RECORD OF COMPLETION AND INSPECTION AND TEST FORM.
- INCLUDE FIELD REPORTS AND INSTALLATION DOCUMENTATION.
- WORK SHALL NOT PROCEED, OR BE CONCEALED, UNTIL THE REQUIRED INSPECTION HAS BEEN APPROVED BY THE BUILDING OFFICIAL, AND NOTHING WITHIN CONSTRUCTION CONTROL SHALL HAVE EFFECT OF WAIVING OR LIMITING THE BUILDING OFFICIAL'S AUTHORITY TO ENFORCE THE CODE WITH RESPECT TO EXAMINATION OF THE CONTRACT DOCUMENTS, INCLUDING PLANS, COMPUTATIONS AND SPECIFICATIONS, AND FIELD INSPECTIONS.
- ROUGH AND/OR FINISH INSPECTIONS OF ELECTRICAL, PLUMBING, OR SHEET METAL SHALL BE INSPECTED PRIOR TO ROUGH AND FINISH INSPECTIONS BY THE BUILDING OFFICIAL.

**MASSACHUSETTS AMENDMENTS TO THE IBC**

**(REFERENCE 780 CMR):**

**107.6 CONSTRUCTION CONTROL.**

**107.6.1 GENERAL.** THIS SECTION SHALL APPLY TO THE CONSTRUCTION CONTROLS, PROFESSIONAL SERVICES AND CONTRACTOR SERVICES REQUIRED FOR BUILDINGS AND STRUCTURES NEEDING REGISTERED DESIGN PROFESSIONAL SERVICES.

**107.6.1.1 SPECIALIZED STRUCTURES.** TELECOMMUNICATION TOWERS, WIND TURBINE TOWERS, AND SIMILAR STRUCTURES ARE ENGINEERED STRUCTURES AND SHALL BE SUBJECT TO THE REQUIREMENTS OF SECTION 107.6.

**107.6.2.2 CONSTRUCTION.** THE REGISTERED DESIGN PROFESSIONALS WHO ARE RESPONSIBLE FOR THE DESIGN, PLAN, CALCULATIONS, AND SPECIFICATIONS, THEIR DESIGNEE OR THE REGISTERED DESIGN PROFESSIONALS WHO HAVE BEEN RETAINED FOR CONSTRUCTION PHASE SERVICES, SHALL PERFORM THE FOLLOWING TASKS:

- REVIEW, FOR CONFORMANCE TO 780 CMR AND THE DESIGN CONCEPT, SHOP DRAWINGS, SAMPLES AND OTHER SUBMITTALS BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS.
- PERFORM THE DUTIES FOR REGISTERED DESIGN PROFESSIONALS IN 780 CMR 17.00 SPECIAL INSPECTIONS AND TESTS.
- BE PRESENT AT INTERVALS APPROPRIATE TO THE STAGE OF CONSTRUCTION TO BECOME GENERALLY FAMILIAR WITH THE PROGRESS AND QUALITY OF THE WORK AND TO DETERMINE IF THE WORK IS BEING PERFORMED IN A MANNER CONSISTENT WITH THE CONSTRUCTION DOCUMENTS AND 780 CMR.

THE PERMIT APPLICATION SHALL NOT BE DEEMED COMPLETED UNTIL ALL OF THE CONSTRUCTION DOCUMENTS REQUIRED BY 780 CMR HAVE BEEN SUBMITTED. DOCUMENTATION INDICATING THAT WORK COMPLIES WITH TEH PLANS AND SPECIFICATIONS SHALL BE PROVIDED AT THE COMPLETION OF EACH PHASE WHEN REQUIRED BY THE BUILDING OFFICIAL. UPON COMPLETION OF THE WORK, TEH REGISTERED DESIGN PROFESSIONAL SHALL FILE A FINAL DOCUMENT TO TEH BUILDING OFFICIAL INDICATING THAT, TO THE BEST IF HIS OR HER KNOWLEDGE AND BELIEF, THE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPROVED PLANS AND 780 CMR. FORMS FOR CONSTRUCTION CONTROL WHEN REQUIRED BY THE BUILDING OFFICIAL SHALL BE THOSE FOUND AT <http://www.ma.gov/government/oca-agencies/dpl-lp/opsi/>.

**107.6.2.3 SPECIAL INSPECTIONS AND TESTS.** SPECIAL INSPECTIONS AND TESTS. SHALL BE PROVIDED IN ACCORDANCE WITH 780 CMR 17.00 SPECIAL INSPECTIONS AND TESTS.

**107.6.2.3 NON STRUCTURAL SYSTEM TEST AND INSPECTIONS.** TESTS AND INSPECTIONS OF NON-STRUCTURAL SYSTEMS SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE ENGINEERING PRACTICE STANDARDS, REFERENCED STANDARDS LISTED IN 780 CMR 35.00: REFERENCED STANDARDS, OR AS OTHERWISE SPECIFIED IN 780 CMR.

**107.6.3 CONSTRUCTION CONTRACTOR SERVICES.** THE ACTUAL CONSTRUCTION OF THE WORK SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AS IDENTIFIED ON THE APPROVAL PERMIT AND INVOLVE THE FOLLOWING:

- EXECUTION OF ALL WORK IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.
- EXECUTION AND CONTROL OF ALL METHODS OF CONSTRUCTION IN A SAFE AND SATISFACTORY MANNER IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL STATUTES AND REGULATIONS.
- UPON COMPLETION OF THE CONSTRUCTION, CERTIFICATION IN WRITING TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE THAT, TO THE BEST OF THE CONTRACTORS'S KNOWLEDGE AND BELIEF, CONSTRUCTION HAS BEEN DONE IN SUBSTANTIAL ACCORD WITH SECTION 107.6 AND WITH ALL PERTINENT DEVIATIONS SPECIFICALLY NOTED. THE BUILDING OFFICIAL MAY REQUIRE A COPY OF THIS CERTIFICATION.

**107.6.4 PROJECT REPRESENTATION.** A PROJECT REPRESENTATIVE MAY BE REQUIRED BY THE BUILDING OFFICIAL. THIS REPRESENTATIVE SHALL KEEP DAILY RECORDS AND SUBMIT REPORTS AS MAY BE REQUIRED BY THE BUILDING OFFICIAL. THIS PROJECT REPRESENTATION REQUIREMENT SHALL BE DETERMINED PRIOR TO THE ISSUANCE OF THE PERMIT AND MAY BE A PREREQUISITE FOR PERMIT ISSUANCE. REFUSAL BY THE APPLICANT TO PROVIDE SUCH SERVICE IF REQUIRED BY THE BUILDING OFFICIAL SHALL RESULT IN THE DENIAL OF THE PERMIT. ALL FEES AND COSTS RELATED TO THE PERFORMANCE OF PROJECT REPRESENTATION SHALL BE BORNE BY THE OWNER. WHEN APPLICATIONS FOR UNUSUAL DESIGNS OR MAGNITUDE OF CONSTRUCTION ARE FILED, OR WHERE REFERENCE STANDARDS REQUIRE SPECIAL ARCHITECTURAL OR ENGINEERING INSPECTIONS, THE BUILDING OFFICIAL MAY REQUIRE THAT THE PROJECT REPRESENTATIVE BE A REGISTERED DESIGN PROFESSIONAL IN ADDITION TO THOSE REGISTERED DESIGN PROFESSIONALS REQUIRED ELSEWHERE IN ACCORDANCE WITH SECTION 107.6.

**107.6.5 BUILDING OFFICIAL RESPONSIBILITY.** NOTHING CONTAINED IN SECTION 107.6 SHALL HAVE THE EFFECT OF WAIVING OR LIMITING THE BUILDING OFFICIAL'S AUTHORITY TO ENFORCE 780 CMR WITH RESPECT TO EXAMINATION OF THE CONTRACT DOCUMENTS, INCLUDING PLANS, COMPUTATIONS AND SPECIFICATIONS, AND FIELD INSPECTIONS.

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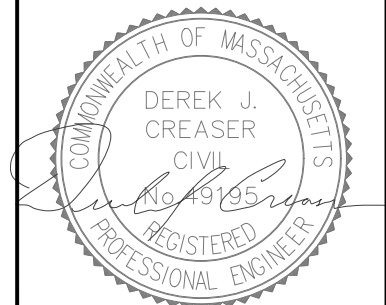


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B	12/11/24	ISSUED FOR REVIEW	RB
A	11/04/24	INTERNAL REVIEW	RB

DESIGNED BY: RB	APPROVED BY: RC
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**DATE: 02/11/2025**

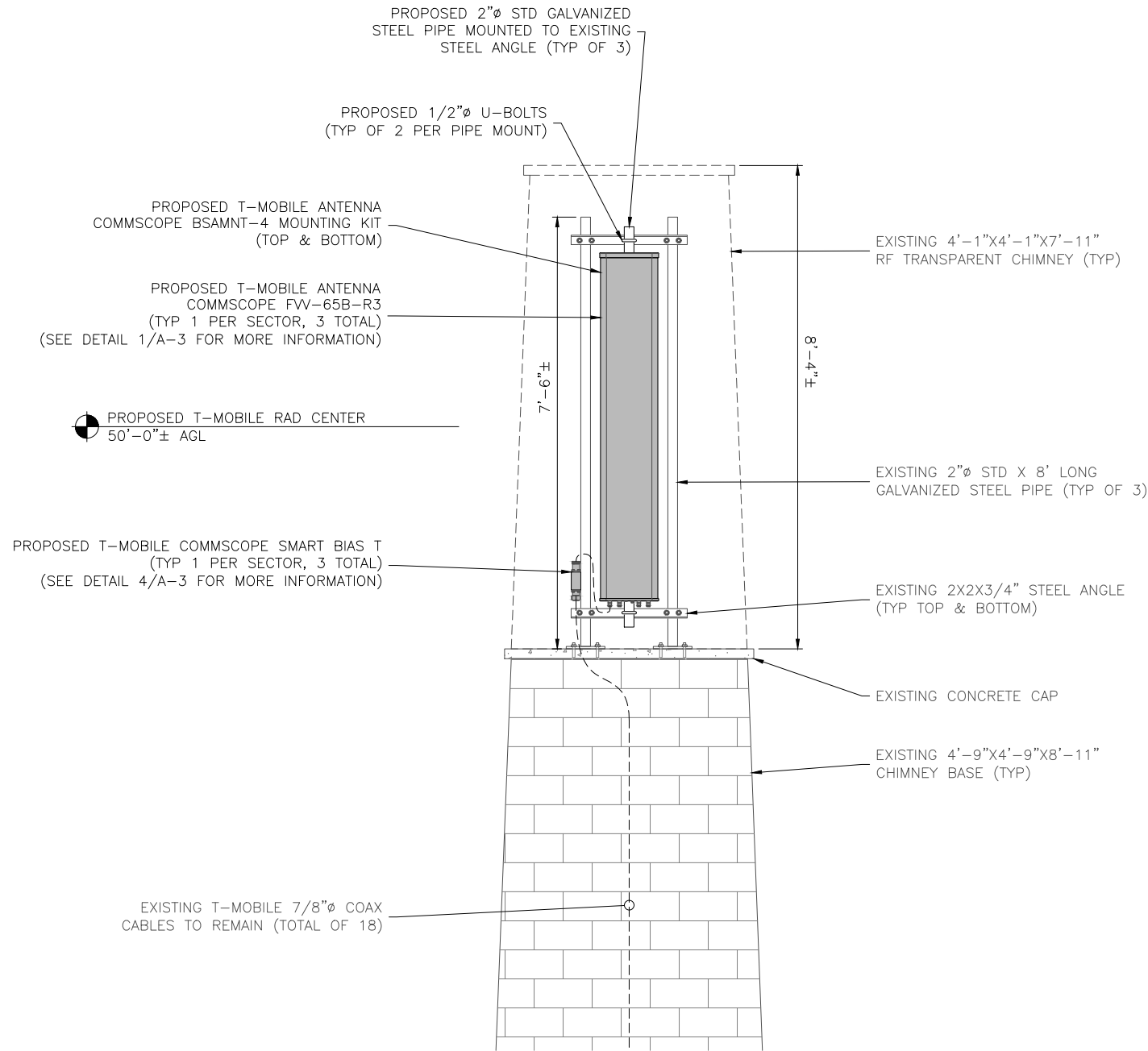
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<b>SITE ID:</b> 4BN0108B
<b>SITE ADDRESS:</b> 237 PUTNAM AVENUE CAMBRIDGE, MA 02139 MIDDLESEX COUNTY

**SHEET TITLE:**  
STRUCTURAL NOTES &  
SPECIAL INSPECTIONS

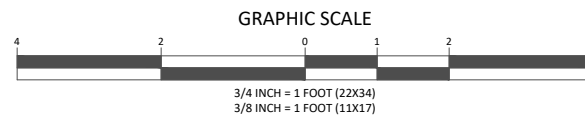
**DRAWING:**  
SN-1

NOTES FOR ANTENNA MOUNTS:  
 1. COMMSCOPE FVV-65B-R3: BSAMNT-4 MOUNTING KIT



AT POSITION A1, B1 & C1

1 TYPICAL ANTENNA MOUNTING DETAIL  
 S-1



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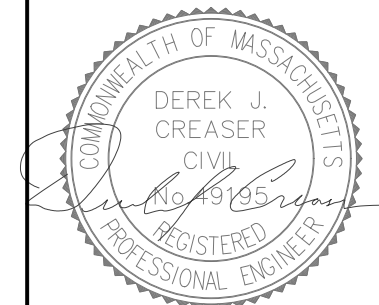
SHEET TITLE:  
**ANTENNA & RRU MOUNTING DETAILS**

DRAWING:  
**S-1**

### REVISIONS

REV	DATE	DESCRIPTION	BY
0	02/11/24	ISSUED FOR CONSTRUCTION	AB
C	12/23/24	REVISED PER REDLINES	PV
B	12/11/24	ISSUED FOR REVIEW	RB
A	11/04/24	INTERNAL REVIEW	RB

DESIGNED BY: RB	APPROVED BY: RC
--------------------	--------------------



DATE: 02/11/2025

IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER TO ALTER THIS DOCUMENT. UNLESS EXPLICITLY AGREED TO BY THE ENGINEER IN WRITING, THE ENGINEER DISCLAIMS ALL LIABILITY ASSOCIATED WITH THE REUSE, ALTERATION OR MODIFICATION OF THE CONTENTS HEREIN.

SITE NAME:	BN108/237 PUTNAM AVE
SITE ID:	4BN0108B
SITE ADDRESS:	237 PUTNAM AVENUE CAMBRIDGE, MA 02139 MIDDLESEX COUNTY

SHEET TITLE:	GROUNDING & ONE LINE DIAGRAM
DRAWING:	G-1

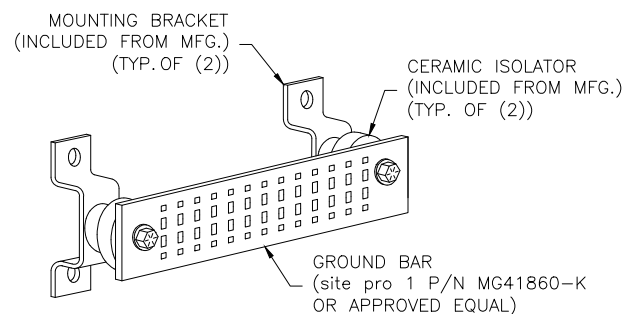
EACH GROUND CONDUCTOR TERMINATING ON ANY GROUND BAR SHALL HAVE AN IDENTIFICATION TAG ATTACHED AT EACH END THAT WILL IDENTIFY ITS ORIGIN AND DESTINATION.

#### SECTION "P" - SURGE PRODUCERS

- CABLE ENTRY PORTS (HATCH PLATES) (#2)
- GENERATOR FRAMEWORK (IF AVAILABLE) (#2)
- TELCO GROUND BAR
- COMMERCIAL POWER COMMON NEUTRAL/GROUND BOND (#2)
- +24V POWER SUPPLY RETURN BAR (#2)
- 48V POWER SUPPLY RETURN BAR (#2)
- RECTIFIER FRAMES.

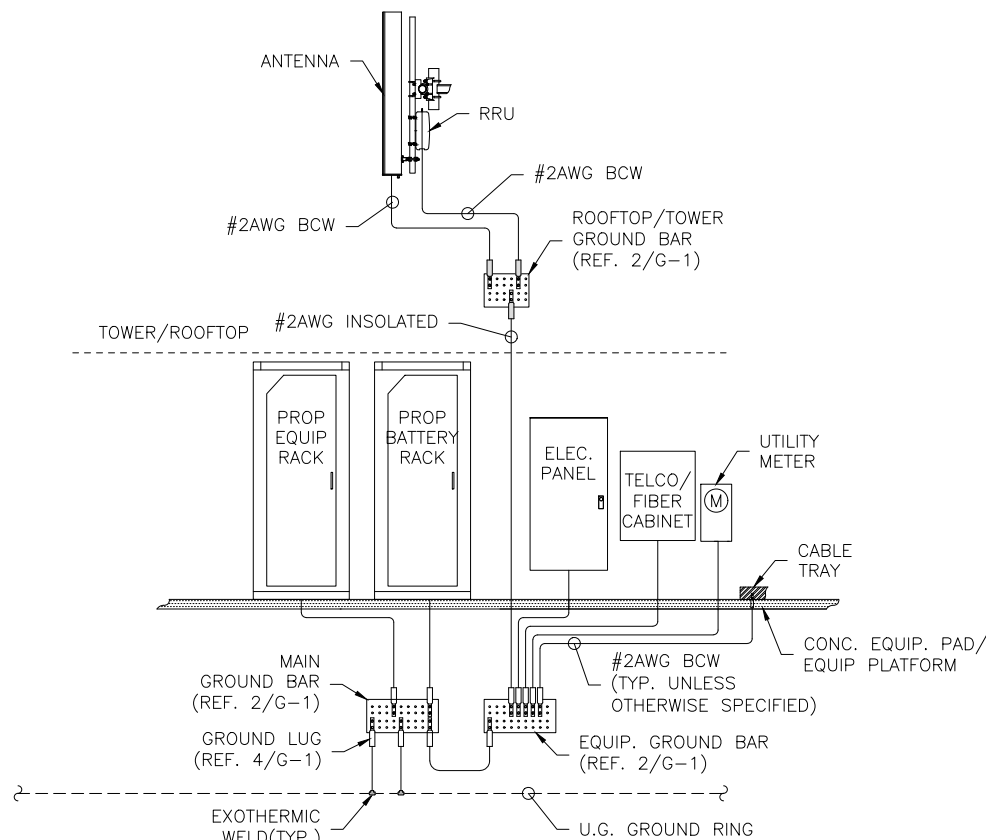
#### SECTION "A" - SURGE ABSORBERS

- INTERIOR GROUND RING (#2)
- EXTERNAL EARTH GROUND FIELD (BURIED GROUND RING) (#2)
- METALLIC COLD WATER PIPE (IF AVAILABLE) (#2)
- BUILDING STEEL (IF AVAILABLE) (#2)



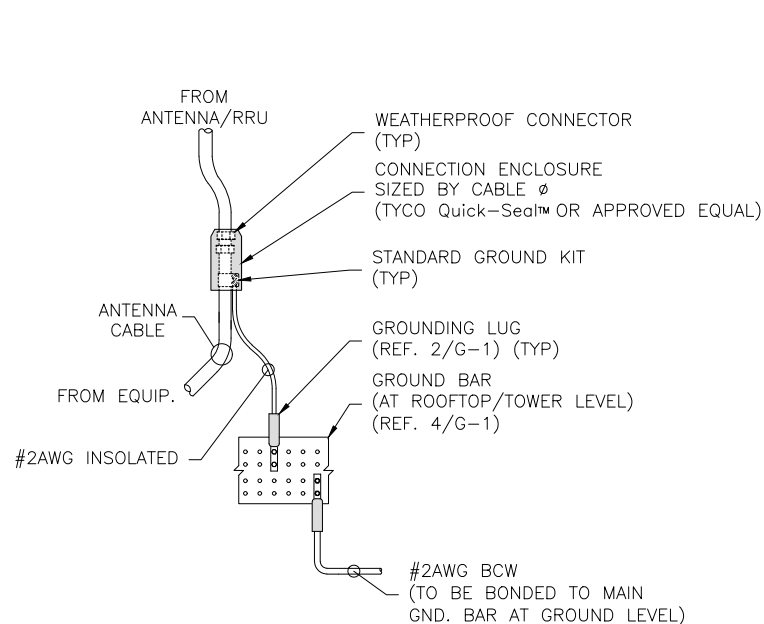
2  
G-1  
**GROUND BAR DETAIL**

3  
G-1  
**GROUND WIRE SCHEDULE**



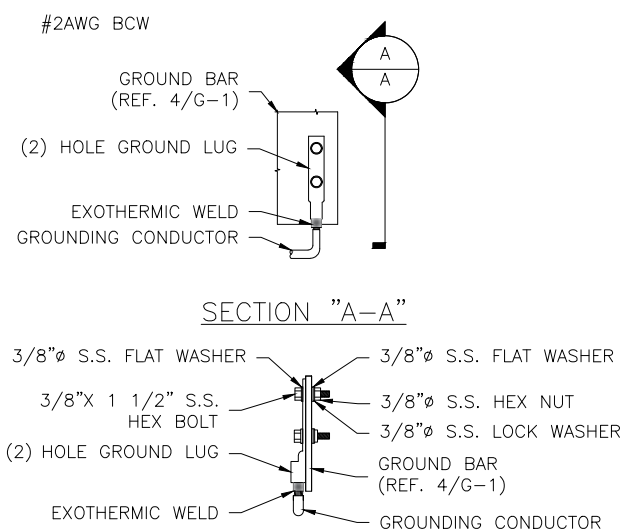
GROUNDING RISER NOTE:  
UNLESS OTHERWISE SPECIFIED ALL GROUNDING CONDUCTORS ARE TO BE #2AWG BCW

1  
G-1  
**GROUNDING RISER DIAGRAM**



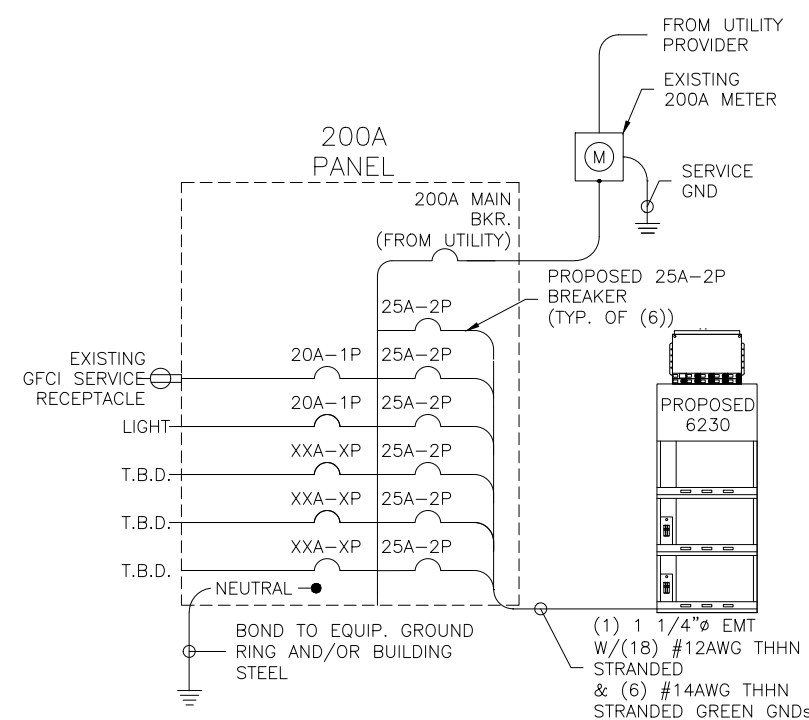
- NOTES:
- DO NOT INSTALL CABLE GROUND KIT AT BEND IN CABLE.
  - GROUND CABLES DIRECTLY TO CIGBE
  - JUMPER REQUIRED ONLY WHEN CABLE IS 1 1/4" OR LARGER

4  
G-1  
**ANTENNA/RRU GROUNDING DETAIL**



- GROUNDING LUG NOTES:
- DO NOT DOUBLE UP OR STACK LUGS.
  - OXIDE INHIBITING COMPOUND TO BE APPLIED TO ALL LUGS.
  - ALL LUGS ARE TO BE EXOTHERMIC WELDED TO GROUNDING CONDUCTORS.
  - FOR INSOLATED GROUNDING CONDUCTORS, EXPOSED BARE COPPER TO BE KEPT TO ABSOLUTE MINIMUM.
  - NO INSULATION IS ALLOWED WITHIN THE BARREL OF THE COMPRESSION TERMINAL.

5  
G-1  
**GROUND LUG DETAIL**



6  
G-1  
**ONE LINE DIAGRAM**



# T-Mobile Northeast LLC

Site: 4BN0108B

Location: 237 Putnam Ave., Cambridge, MA

Existing and Proposed Conditions

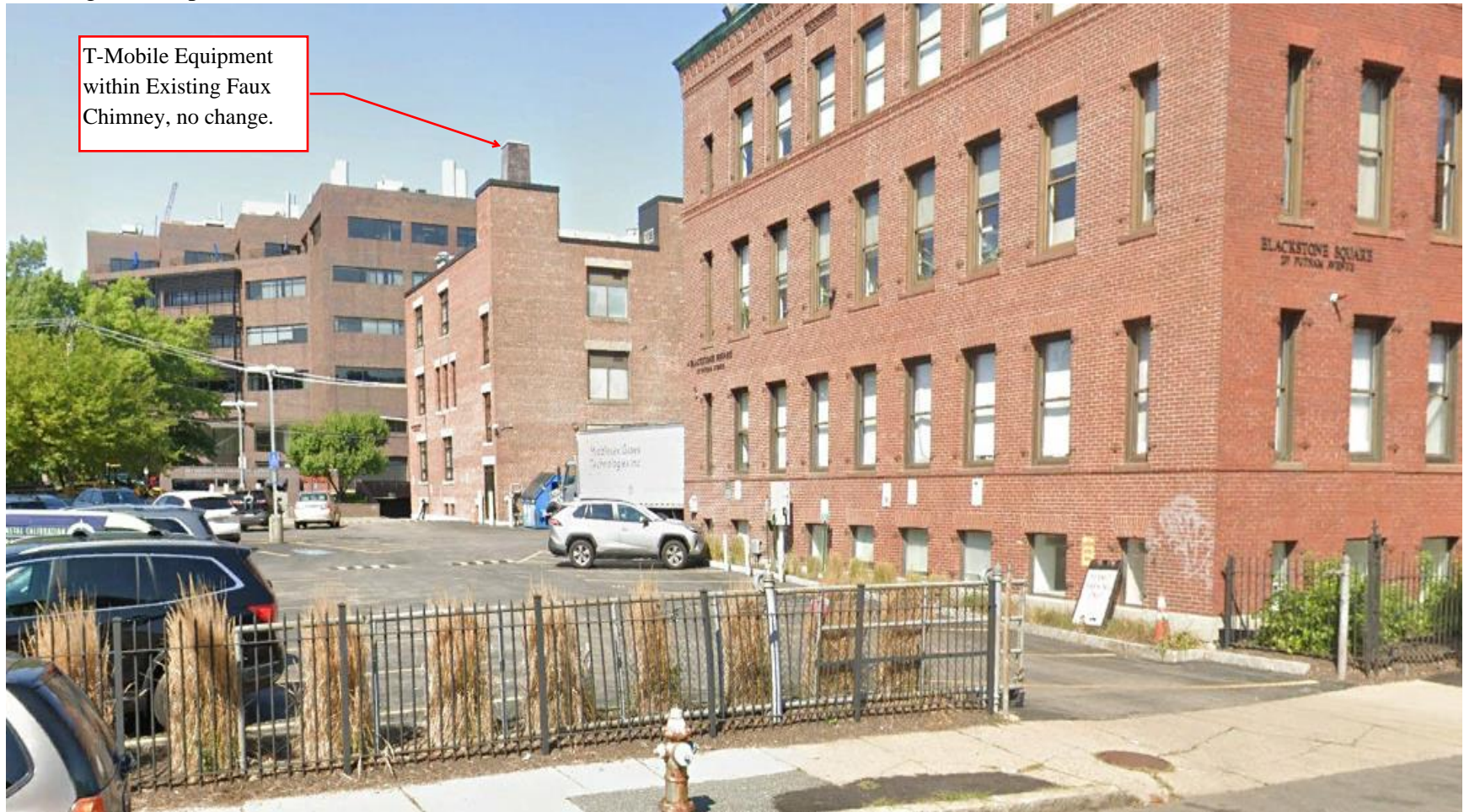
T-Mobile Equipment  
within Existing Faux  
Chimney, no change.





## Existing and Proposed Conditions

T-Mobile Equipment  
within Existing Faux  
Chimney, no change.



Existing and Proposed Conditions



T-Mobile Equipment within Existing Faux Chimney, no change.



July 17, 2025

City of Cambridge  
Board of Zoning Appeals  
831 Massachusetts Avenue  
Cambridge, MA 02139

Re: Eligible Facilities Request pursuant to Section 6409 of the  
Spectrum Act and an Application for Special Permit, in the  
Alternative  
Property Address: 237 Putnam Avenue, Cambridge, MA 02139 (the “**Property**”)  
Applicant: T-Mobile Northeast, LLC (“**Applicant**” or “**T-Mobile**”)

Dear Honorable Members of the Board of Zoning Appeals:

This firm represents T-Mobile in connection with an application for an Eligible Facilities Request pursuant to Section 6409 of the Spectrum Act and an Application for special permit, in the Alternative, from the City of Cambridge Board of Zoning Appeals (the “**Board**”), to modify an existing wireless communications facility on the Property. The Property is located in the Residence C-1 (C-1) District, and to the extent that the Board determines that the requirements of Article 4 Section 4.32G.1 of the City of Cambridge Zoning Ordinance (the “**Ordinance**”) apply, the use of the Property for a wireless telecommunications facility is permitted by special permit from the Board<sup>1</sup>. The Applicant’s proposal satisfies the requirements for the grant of a special permit pursuant to Section 10-43 of the Ordinance.

The Applicant’s Proposed Facility (as defined herein) is subject to Section 6409 of the Middle Class Tax Relief and Job Creation Act of 2012, more commonly known as the “Spectrum Act” (47 U.S.C. § 1455). As such, we respectfully submit that in the event that the Board determines that the application does not comply with the Spectrum Act, the Applicant hereby states that the special permit requirements set forth in the Ordinance are hereby met by the Applicant, and that relief must be granted to the Applicant. The compliance with the Spectrum Act is shown

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<sup>1</sup> Pursuant to Section 6409(a) of the Spectrum Act, state and local governments “may not deny and shall approve, any eligible facilities request for a modification of an existing wireless tower or base station that does not substantially change the physical dimensions of such tower or base station.” As such, the Applicant submits that they need not apply for a special permit from the board. To the extent that this Board determines that the Applicants’ proposed wireless facility must comply with special permit requirements set forth in Section 10-43 of the Ordinance, the Applicants submit that they have complied with said requirements, without waiving the argument that such relief is not required.

on the Eligible Facilities Request permit application form attached hereto and incorporated herein by reference (the “**EFR**”).

The Applicant seeks to modify its existing wireless communications facility by removing and replacing existing panel antennas with new like kind panel antennas and removing and installing new Remote Radio Head (RRHs), as well as modifying existing ancillary equipment (the “**Proposed Facility**”). The Applicant’s Proposed Facility is described in more detail below and is shown on the Plans attached hereto and incorporated herein by reference (the “**Plans**”).

## **I. Background**

The Applicant is licensed by the Federal Communications Commission (the “**FCC**”) to construct and operate a wireless telecommunications network in various markets throughout the country, including the Commonwealth of Massachusetts and in particular, in the City of Cambridge. A copy of the Applicant’s FCC license is attached hereto. The Applicant is in the process of designing and constructing a telecommunications system to serve all of the Commonwealth of Massachusetts. One of the key design objectives of its systems is to provide seamless coverage. Such a system requires a grid of radio transmitting and receiving links located approximately .5 to 2 miles apart, depending on the location of existing and proposed installations in the surrounding area, the existing use of the network and the existing topography. The radio transmitting and receiving facilities operate on a line-of-sight basis, requiring a clear path from the facility to the user on the ground. This dynamic requires the antennas to be located in a location where the signal is not obstructed or degraded by other buildings or by topographical features such as hills.

## **II. Project Description**

The Applicant’s existing Facility consists of three (3) sectors (A, B and C), with each sector having two (2) panel antennas, one (1) RRH, and one (1) Tower Mounted Antenna (“**TMA**”) each. All of the antennas are mounted within the existing faux chimney on the rooftop of the Building. The Applicant proposes to modify its existing Facility by replacing six (6) of the existing panel antennas with three (3) new panel antennas; replace three (3) existing RRHs and three (3) TMAs with six (6) new RRHs; and by modifying ancillary equipment on the rooftop of the Building and within the Applicant’s equipment room in the basement of the Building. All antennas will continue to be within the faux chimney on the rooftop of the Building and out of view. Consequently, there will be no visual change to the Applicant’s existing facility.

The Applicant’s proposal is consistent with the latest decision of the Board for this facility, dated March 28, 2016 (Case No. BXA-009389-2016) (the “**Decision**”).

After installation, the Proposed Facility will continue to be unmanned and will only require twice a month maintenance visits per carrier. The only utilities required to operate this Proposed

Facility will continue to be a standard 120-volt electrical power as well as telephone service. These are presently in place at the Property. The Proposed Facility will comply with all applicable local, state and federal safety codes.

### **III. Legal Arguments**

#### **A. The Applicant complies with the Wireless Communications provisions set forth in Section 4.32(g), footnote 49 of the Ordinance**

Pursuant to Section 4.32(g) of the Ordinance, the Applicant's proposed use for a wireless communications facility in the Residence C-1 District is permitted by special permit. The Applicant's Proposed Facility further complies with the provisions set forth in Section 4.32(g), footnote 49 of the Ordinance:

- 1. The Board of Zoning Appeal shall consider the scope of or limitations imposed by any license secured from any state or federal agency having jurisdiction over such matters.**

Enclosed herewith is the Applicant's FCC license. The Applicant meets all requirements imposed by governmental authorities having jurisdiction over the Proposed Facility, including by the FCC, to provide wireless communications in this market area.

The intent of the U.S. Congress, when it enacted the Telecommunications Act of 1996 ("TCA") was to institute a framework to promote competition and innovation within the telecommunications industry. Under its license from the FCC, T-Mobile is obligated to provide a reliable "product" (i.e. wireless communications service) to the population of the City of Cambridge. Likewise, consumer expectations for increasingly robust and reliable service requires competing service providers (including T-Mobile) to identify and optimize its network coverage. A carrier's failure to do so, can result in a significant loss of subscribers to competing telecommunications carriers. The Proposed Facility and corresponding relief requested are necessary to optimize service coverage within T-Mobile's existing network infrastructure.

Furthermore, Section 6409(a) of the Spectrum Act mandates that state and local governments "*may not deny, and shall approve, any eligible facilities request for a modification of an existing wireless tower or base station that does not substantially change the physical dimensions of such tower or base station.*" Under Section 6409(a)(2)(A)-(C) an Eligible Facilities



Request is any request to modify a Tower or Base Station that involves “collocations of new Transmission Equipment,” “removal,” or “replacement” of Transmission Equipment.

Because federal law now preempts many of the permit application requirements that this jurisdiction would previously have required from an Applicant, we have provided, on the attached EFR, only the information that federal law allows this jurisdiction to consider when reviewing an EFR. As such, we submit that the Wireless Communications set forth in Section 4.32(g), footnote 49 of the Ordinance, provisions are not applicable to Proposed Facility and relief must be granted pursuant to Section 6409(a) of the Spectrum Act.

- 2. The Board of Zoning Appeal shall consider the extent to which the visual impact of the various elements of the proposed facility is minimized: (1) through the use of existing mechanical elements on the building’s roof or other features of the building as support and background, (2) through the use in materials that in texture and color blend with the materials to which the facilities are attached, or (3) other effective means to reduce the visual impact of the facility on the site.**

The Applicant’s Proposed Facility will have no additional visual impact on the existing facility and Building. The antennas associated with the Proposed Facility will continue to be installed within the faux chimney on the rooftop of the Building and in conformity with the Decisions.

As stated above, federal law now preempts many of the permit applications requirements that the Ordinance sets forth. To the extent that this Board determines that the Applicants’ proposed wireless facility must comply with the Wireless Communications provisions set forth in Section 4.32(g), footnote 49 of the Ordinance, the Applicants submit that they have complied with said requirements, without waiving the argument that such relief is not required.

- 3. Where it is proposed to erect such a facility in any residential zoning district, the extent to which there is a demonstrated public need for the facility at the proposed locations, the existence of alternative, functionally suitable sites in nonresidential locations, the character of the prevailing uses in the area, and the prevalence of other existing mechanical systems and equipment carried on or above the roof of nearby structures. The Board of Zoning Appeal shall grant a special permit to erect such a facility in a residential zoning district only upon a finding that nonresidential uses predominate in the vicinity of the proposed facility’s location and that the**

**telecommunications facility is not inconsistent with the character that does prevail in the surrounding neighborhood.**

The Proposed Facility is located in the Residential C-1 Zoning District but nonresidential uses predominate in the area. Pursuant to the requirement that the Board shall grant a special permit to erect a Telecommunications Facility only upon a finding that non-residential uses predominate in the vicinity of the proposed facility's location the Applicant hereby states that this is a modification of an existing wireless facility and as such respectfully submits to the Board that it has previously found that nonresidential uses predominate in the vicinity of this Proposed Facility. The Board has reached a decision to grant a special permit for the Applicant's existing facility in the previous Decisions. Furthermore, the Property consists of an office complex, which houses space for many offices and businesses. The Property is further surrounded by a major roadways, including Western Ave, River Street, and Memorial Drive. Therefore, the Applicant respectfully requests that, in keeping with its prior Decision, the Board find that non-residential uses predominate in the vicinity of the Proposed Facility and that the Proposed Facility is not inconsistent with the character that does prevail in the surrounding neighborhood.

Further, notwithstanding anything contained herein to the contrary, and in agreement with the aforementioned predominately nonresidential use finding, upon an inspection of the vicinity of the Proposed Facility the Applicant respectfully submits that said finding is reasonable as the character of the surrounding neighborhood consists of nonresidential uses.

Moreover, there will be no visual changes to the existing facility and therefore, the Proposed Facility is not inconsistent with the character that does prevail in the surrounding neighborhood. Finally, as noted above, the proposed installation is a modification to the Applicant's Facility and as such is the preferred location for additional equipment, pursuant to the TCA, as referenced above.

**B. The Applicant complies with the Special Permit Criteria set forth in Section 10-43 of the Ordinance<sup>2</sup>:**

**1. The requirements of the Ordinance can be met:**

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<sup>2</sup> Pursuant to Section 6409(a) of the Spectrum Act, state and local governments "may not deny and shall approve, any eligible facilities request for a modification of an existing wireless tower or base station that does not substantially change the physical dimensions of such tower or base station." As such, the Applicant submits that they need not apply for a special permit from the board. To the extent that this Board determines that the Applicants' proposed wireless facility must comply with special permit requirements set forth in Section 10-43 of the Ordinance, the Applicants submit that they have complied with said requirements, without waiving the argument that such relief is not required.

As provided above, the Applicant has met the requirements set forth in Section 4.32(g), footnote 49 of the Ordinance.

**2. Traffic generated or patterns of access or egress would not cause congestion hazard, or substantial change in established neighborhood character for the following reasons:**

The proposed installation will not obstruct existing rights-of-way or pedestrian access and will not change the daily conditions of access, egress, traffic, congestion hazard, or character of the neighborhood. The installation will not require the addition of any new parking or loading spaces. The use is passive and will not change the current conditions or appearance surrounding the Building. The facility will not produce any odors, fumes, noise or waste. There will be no need for water, sewer, or other municipal services.

As mentioned above, once modified, the facility will be unmanned and will only require infrequent visits by a technician, typically two times per month for routine diagnostics and/or maintenance, except in cases of emergency. These infrequent visits will not result in any material increase in traffic or disruption to patterns of access or egress that will cause congestion hazards or cause a substantial change in the established neighborhood character. The Applicant's maintenance personnel will make use of the existing access roads and parking at the Building.

**3. The continued operation of or the development of adjacent uses as permitted in the Zoning Ordinance would not be adversely affected by the nature of the proposed use for the following reasons:**

As described above and illustrated on the attached photograph simulations, the modification of the existing facility will produce a minimal change in the appearance of the Building. The modification of the existing facility will blend with the existing characteristics of the Building and the surrounding neighborhood. Moreover, the proposed installation will not generate any traffic, smoke, dust, heat, glare, discharge of noxious substances, nor will it pollute waterways or groundwater. Conversely, the surrounding properties and general public will benefit from the potential to enjoy improved wireless communication.



**4. Nuisance or hazard would not be created to the detriment of the health, safety, and/or welfare of the occupant of the proposed use or the citizens of the City for the following reasons:**

The operations of the proposed telecommunications facility will not adversely impact the health, safety, and the welfare of the residents of the City of Cambridge. On the contrary, the proposed use will benefit the City and promote the safety and welfare of its residents, businesses and drivers by providing reliable state-of-the-art digital wireless voice and data services. Further, the site will improve the reliability of emergency communications with the police and fire departments by eliminating dropped or blocked calls due to inadequate signal strength or insufficient network capacity to handle call volume, particularly important during emergency situations.

The Proposed Facility will comply with all federal, state and local safety requirements including the standards established by the FCC, Federal Aviation Administration (FAA), the American Standards Institute (ANSI), and the Massachusetts Department of Public Health (MDPH).

Accordingly, the Proposed Facility will not adversely impact the health, safety and/or welfare of the neighborhood or the residents of the City of Cambridge.

**5. For other reasons, the proposed installation will not impair the integrity of the district or adjoining district or otherwise derogate from the intent or purpose of this ordinance for the following reasons:**

The Proposed Facility is designed to blend with the existing characteristics of the Property, reducing any visual impacts to the surrounding area. Accordingly, the Proposed Facility's design results in a minimal impact on the underlying and adjacent zoning district and is consistent with the Ordinance's intention to allow for less intrusive wireless telecommunications facilities in all districts (other than Open Space), including the Residence C-1 District.

As mentioned above, the proposed modifications to the existing installation will not generate any traffic, smoke, dust, heat, glare, discharge or noxious substances, nor will it pollute waterways or groundwater.

**6. The new use of the building construction is consistent with the Urban Design Objective set for tin Section 19.30 of the Ordinance:**

Not Applicable. The Applicant is not proposing to construct a new building or structure.

#### IV. Summary

The Applicant hereby requests that the Board determine that the City of Cambridge has the right to authorize the construction of the Proposed Facility through the issuance of a Building Permit, pursuant to Section 6409(a) of the Spectrum Act. Or, in the alternative, its proposed modifications to the existing telecommunications facility will not have any adverse effect on the neighborhood within which the Property is located in particular, and the City of Cambridge as a whole. The findings are made in view of the particular characteristics of the Property and of the Applicant's proposed siting and equipment, as detailed above. This Property is the most appropriate location for the installation and operation of the wireless communications facility.

For the foregoing reasons the Applicant respectfully requests that the Board grant the foregoing relief pursuant to Section 6409(a) of the Spectrum Act or, in the alternative, zoning relief in the form of a Special Permit and such other relief as the Board deems necessary to allow the installation and operation of the Applicant's Proposed Facility.

Sincerely,



Adam F. Braillard

Direct: 617-456-8153

Email: [abraillard@princelobel.com](mailto:abraillard@princelobel.com)

July 17, 2025

Peter McLaughlin  
Commissioner of Inspectional Services/Building Commissioner  
City of Cambridge  
831 Massachusetts Avenue  
Cambridge, MA 02139

Re: Eligible Facilities Request to Modify Transmission Equipment at an Existing Base Station located at **237 Putnam Ave, Cambridge, MA 02239.**

Dear Mr. Singanayagam:

A. T-Mobile is Filing an Eligible Facilities Request

Prince Lobel Tye LLP, on behalf of T-Mobile Northeast LLC (“**T-Mobile**”) is submitting the attached Eligible Facilities Request application to add, remove, modify, or replace Transmission Equipment at an Existing Base Station located at 237 Putnam Avenue, Cambridge, MA 02238.

Because this jurisdiction has not yet developed an Eligible Facilities Request permit application form that complies with Section 6409 of the Middle Class Tax Relief and Job Creation Act of 2012, commonly known as the “Spectrum Act” (Pub. Law No. 112-96, 126 Stat 156) (codified at 47 U.S.C. § 1455), this Eligible Facilities Request is attached to the Building Permit Application form which was customarily used by this jurisdiction when reviewing requests to collocate or modify wireless telecommunications facilities. Because federal law now preempts many of the permit application requirements that this jurisdiction would previously have required from an applicant, this Eligible Facilities Request application provides only the information that federal law allows this jurisdiction to consider when reviewing an Eligible Facilities Request.

Section 6409(a) of the Spectrum Act mandates that state and local governments “*may not deny, and shall approve, any eligible facilities request for a modification of an existing wireless tower or base station that does not substantially change the physical dimensions of such tower or base station.*” Under Section 6409(a)(2)(A)-(C) an Eligible Facilities Request is any request to modify a Tower or Base Station that involves “collocations of new Transmission Equipment,” “removal,” or “replacement” of Transmission Equipment.

B. Why this Eligible Facilities Request Must Be Granted

This Eligible Facilities Request involves an effort to collocate, remove, modify, or replace Transmission Equipment at an existing Base Station operated by an FCC licensed wireless carrier. The FCC has defined Base Station as “the equipment and non-tower supporting structure at a fixed location that enable Commission-licensed or authorized wireless communications between user equipment and a communications network . . . the term includes equipment



associated with wireless communications service including, but not limited to, radio transceivers, antennas, coaxial or fiber-optic cable, regular and backup power supply, and comparable equipment.” The term existing base station also includes a structure that currently houses or supports an antenna, transceiver or other associated equipment that constitutes part of a Base Station at the time the application is filed even if the structure was not built solely or primarily to provide such support. The existing Base Station in this application is approximately sixty two feet (62’) high and presently contains wireless facilities. The existing Base Station meets the Federal Communications Commission (“FCC”) definition of a Base Station.

The list of equipment identified in the Eligible Facilities Request application that will be collocated, removed, or replaced at the Base Station also is Transmission Equipment as determined by the FCC. The FCC has defined Transmission Equipment as “any equipment that facilitates transmission for any Commission-licensed or authorized wireless communication service, including, but not limited to, radio transceivers, antennas and other relevant equipment associated with and necessary to their operation, including coaxial or fiber-optic cable, and regular and back-up power supply. This definition includes equipment used in any technological configuration associated with any Commission-authorized wireless transmission, licensed or unlicensed, terrestrial or satellite, including commercial mobile, private mobile, broadcast and public safety services, as well as fixed wireless services such as microwave backhaul or fixed broadband.”

The FCC, in a Report and Order adopted on October 17, 2014, determined that any modification to an existing telecommunications Base Station that meets the following six criteria does not substantially change the physical dimensions of the existing Base Station and therefore is an Eligible Facilities Request which must be granted:

1. *The modifications to the Transmission Equipment do not increase the height of the Base Station by more than 10 percent (10%) or ten (10) feet, whichever is greater.*
  - a. The height of the Base Station is approximately fifty-four (54’) feet high. The proposed modification will be at the same height and therefore there will be no increase of the height of the Base Station.
2. *The modifications to the Transmission Equipment do not protrude from the edge of the support structure by more than six (6) feet.*
  - a. The new antennas will not protrude from the edge of the building and therefore will not exceed the six (6) foot limitation.
3. *The modifications to the Transmission Equipment do not involve the installation of more than the standard number of equipment cabinets for the technology involved, not to exceed four.*
  - a. The Applicant does not propose to install any additional equipment cabinets.

4. *The modifications to the Transmission Equipment do not entail any excavation or deployment outside of the Base Station site.*
  - a. There will be no excavation or deployment outside of the Base Station site.
5. *The modifications to the Transmission Equipment do not defeat any existing concealed or stealth-design.*
  - a. Pursuant to the original decisions by the Zoning Board of Appeal for the City of Cambridge (the “Board”) for this Facility, the existing antennas are located in the preferred location on the building and comply with the required conditions for a stealth design. The upgrade of this facility will not defeat the existing stealth design. All proposed antennas and equipment will be integrated into the existing building to the extent possible. As such, the proposed modification will not defeat any existing concealed or stealth design.
6. *The modifications to the Transmission Equipment comply with prior conditions of approval of the Base Station, unless the non-compliance is due to an increase in height, increase in width, addition of equipment cabinets, or new excavation that does not exceed the corresponding “substantial change” thresholds in numbers 1-4.*
  - a. Based on the foregoing, the proposed modifications to the Base Station fully conform to Section 6409(a) of the Spectrum Act and comply with the prior conditions of approval of the Base Station.

There is a certification attached to the accompanying Eligible Facilities Request that identifies how each of the six review criteria identified by the FCC is met. The modifications to the Transmission Equipment at the Base Station located at 237 Putnam Avenue, Cambridge, MA 02239 contained in this Eligible Facilities Request fully conform to Section 6409(a) as enacted by Congress and as interpreted by the FCC. Accordingly, this Eligible Facilities Request must be approved within 60 days, as required by federal law and FCC implementing regulations.

#### C. Notice of Federal Law Expedited Permit Processing and Deemed Granted

Under federal law, an Eligible Facilities Request is deemed granted sixty (60) days after a complete application is filed with a local jurisdiction. If sixty days pass after the submission of T-Mobile’s accompanying Eligible Facilities Request and the City of Cambridge has not acted to grant or deny the request, it will be deemed granted. At that time, the applicant may advise the City of Cambridge that the application has been deemed granted. If the City of Cambridge wishes to contest whether the Eligible Facilities Request has been deemed granted, the burden is on the City of Cambridge to file a lawsuit in a court of competent jurisdiction within 30 days after receiving a written communication notifying it that the Eligible Facilities Request has been

deemed granted. Failure to file a lawsuit in a timely manner may forever bar this jurisdiction from contesting that this Eligible Facilities Request has been deemed granted.

T-Mobile is committed to working cooperatively with you, and all jurisdictions around the country, to secure expeditious approval of requests to modify existing personal wireless service facilities. Please do not hesitate to contact me if you have questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'A. Braillard', with a horizontal line extending to the right.

Adam F. Braillard

Direct: 617-456-8153

Email: [abraillard@princelobel.com](mailto:abraillard@princelobel.com)



**ELIGIBLE FACILITIES REQUEST CERTIFICATION FOR NON-SUBSTANTIAL  
CHANGES  
TO AN EXISTING BASE STATION**

“Base Station” means the equipment and non-tower supporting structure at a fixed location that allow Commission-licensed or authorized wireless communications between user equipment and a communications network. The term base station includes any equipment associated with wireless communications services including but not limited to radio transceivers, antennas, coaxial or fiber-optic cables, regular or back up power supply, and comparable equipment. The term existing base station also includes a structure that currently houses or supports an antenna, transceiver or other associated equipment that constitutes part of a base station at the time the application is filed even if the structure was not built solely or primarily to provide such support. “Base Station” includes the relevant equipment in any technological configuration, including small cells and DAS. Remember “Base Station” has two separate meanings: (1) the supporting structure that houses FCC licensed or authorized wireless equipment and (2) the wireless equipment itself. Keep this distinction in mind when calculating a substantial change in physical dimensions.

“Transmission Equipment” means any equipment that facilitates transmission for any FCC licensed or authorized wireless communication service, including but not limited to, radio transceivers, antennas and other relevant equipment associated with and necessary to their operation, including coaxial or fiber-optic cable, and regular and back-up power supply. This definition includes equipment used in any technological configuration associated with any Commission-authorized wireless transmission, licensed or unlicensed, terrestrial or satellite, including commercial mobile, private mobile, broadcast and public safety services, as well as fixed wireless services such as microwave backhaul or fixed broadband.

“Collocation” means the addition, removal or replacement of Transmission Equipment to an existing tower or a base station. This means that the existing support structure, be it a tower or a building or some other structure, must presently support FCC licensed or authorized wireless facilities. The FCC further requires that the site (tower, building, or other structure) was previously approved by the appropriate agency of government to house wireless facilities. Illegal wireless installations cannot be the basis for an eligible facilities request. However, if a communications Tower was erected at a time when it was exempt from zoning, the Tower can be modified through the Eligible Facilities Request process even if the Tower is no longer exempt from zoning.

Site Address: 237 Putnam Avenue

**Existing Facilities**

The Existing Facility is comprised of six (6) panel antennas all mounted within a faux chimney on the rooftop of existing building, together with supporting equipment.

### Height of Base Station

Height above ground level of the tallest point on the existing base station: 54' (feet)

Height above ground level of the tallest point of the existing base station after the installation of the *proposed* equipment: 54' (feet)

- 1) Does the height above ground level of the proposed equipment exceed the height of the tallest point on the existing base station by more than 10 percent (10%) or ten (10) feet, whichever is greater?

Yes  No

### Width of Base Station

- 2) Will any of the proposed equipment protrude from the edge of the support structure by more than six (6) feet?

Yes  No

### Excavation or Equipment Placement

- 3) Will the proposed changes in Transmission Equipment involve excavation or placement of new equipment outside the existing Base Station site or outside any access or utility easements currently related to the site?

Yes  No

### Equipment Cabinets

- 4) Will the proposed modification in Transmission Equipment involve installation of more than the standard number of new equipment cabinets for the technology involved, but not to exceed four?

Yes  No

### Concealed or Stealth-Designed Wireless Facilities

5)

- a) Is the existing wireless facility concealed or stealth- designed?

Yes  No

- b) If the answer to 5a) is "Yes," will the proposed modification in Transmission Equipment defeat the existing concealed or stealth-design?

Yes  No

## Compliance with Preexisting Conditions of Approval for the Base Station

6)

- a) Were there any conditions of approval stated in the original government approval of the Base Station?

Yes  No

- b) Will the proposed modification in Transmission Equipment comply with conditions of approval imposed on the Base Station prior to February 22, 2012?

Yes  No

- c) If the answer to 6b) is “No,” is the non-compliance due solely to any of the conditions addressed in Questions 1-5 above?

Yes  No

**If the answers to questions 1-4 are “No,” the answer to either 5a) or b) is “No,” and the answers to 6a) is “No” or the answers to either 6b) or 6c) are “Yes,” then the proposed modifications do not substantially change the physical dimensions of the existing Base Station.**

Explanatory Comments:

Question No.5 (b)

Comment: Pursuant to the latest decision by the Zoning Board of Appeal for the City of Cambridge (the “Board”) for this Facility, the existing antennas are located in the preferred location on the building and comply with the required conditions for a stealth design. The upgrade of this facility with replacing the existing six (6) panel antennas with three (3) new panel antennas will not defeat the existing stealth design. All proposed antennas will be integrated into the existing building to the extent possible. As such, the proposed modification will not defeat any existing concealed or stealth design.


Question No.6 (c)

Comment: Notwithstanding the aforementioned showing that the proposed modification to this site does not substantially change the physical dimensions of the existing Base Station and is subject to the Spectrum Act, this site is the proper location for a wireless installation pursuant to the Decisions. Furthermore, in the Decision the Board stated that continued operation of adjacent uses would not be adversely affected by the previously proposed equipment addition, and no nuisance or hazard would be created to the detriment of the health, safety or welfare of the occupant or the citizens of the City of Cambridge. The proposed modification to this site is very similar to the previous modification approved by this Board. Moreover, the proposal will have no visual impact on the Building and the surround areas. Finally, the proposed installation is necessary to



accommodate the existing and future customer base as demand for data and cell service has steadily increased and continues to do so. \_\_\_\_\_

This certification is dated this 16th day of July 2025.

  
\_\_\_\_\_  
Signature

Adam F. Braillard, Esq, for the Applicant, T-Mobile Northeast LLC  
Name & Title

**Eligible Facilities Request (EFR) Application Form**

[Attach this EFR form to the local jurisdiction form used to process cell site modifications.]

Date of Submittal: \_\_\_\_\_

Submitted by:

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Contact information: \_\_\_\_\_

Name of Jurisdiction: \_\_\_\_\_

Address of Jurisdiction: \_\_\_\_\_

Contact Name for Jurisdiction: \_\_\_\_\_

Name of Local Government Permit Application: \_\_\_\_\_

Local Government File #: \_\_\_\_\_

Street Address of Site: \_\_\_\_\_

Tax Parcel # of Site: \_\_\_\_\_

Latitude/Longitude of Site: \_\_\_\_\_

List Each Piece of Transmission Equipment that will be Collocated or Added:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

List Each Piece of Transmission Equipment that will be Removed:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

List Cabinets that will be Collocated or Added at the Site:

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List Cabinets that will be Removed at the Site:

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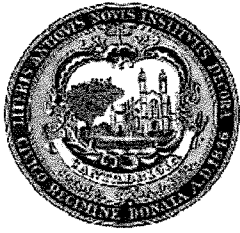
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Permit Application Deposit Amount: \_\_\_\_\_

Municipal Consultant Review Fee Deposit (if applicable): \_\_\_\_\_





CITY OF CAMBRIDGE  
MASSACHUSETTS  
BOARD OF ZONING APPEAL  
831 MASSACHUSETTS AVENUE  
CAMBRIDGE, MA 02139  
617 349-6100

March 28, 2016

T-Mobile Northeast LLC - C/O Ricardo M. Sousa, Esq.  
100 Cambridge Street, Suite 2200  
Boston MA, 02114

**Case No:** BZA-009389-2016

Dear Ricardo M. Sousa, Esq.

We enclose the decision of the Board of Zoning Appeal as it pertains to the premises located at  
**237 Putnam Ave Cambridge, MA**

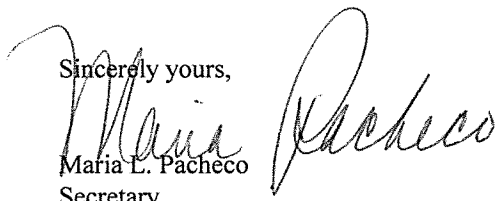
A copy of this decision has been filed with office of the City Clerk, this date. When twenty days have passed you MUST:

1. HAVE THIS DECISION COMPLETED AND SIGNED BY THE CITY CLERK, CITY HALL -  
795 Mass Avenue, Cambridge, Ma. (In the space provide on the decision)
  2. FILE THE DECISION WITH THE REGISTRY OF DEEDS  
Middlesex County Courthouse, 208 Cambridge Street, Cambridge, MA. (There is usually a  
fee, payable to the Registry of Deeds and the book and page number is required by the Registry).
  3. SUPPLY THE BOARD OF ZONING APPEAL WITH DOCUMENTATION OF SUCH  
FILING - (with the Registry of Deeds).
- THE DIVISION OF INSPECTIONAL SERVICES WILL NOT ISSUE BUILDING PERMITS
  - UNLESS THE ABOVE ITEMS HAVE BEEN COMPLETED .

Any person aggrieved by a decision of the Board of Zoning Appeal may appeal to the Superior Court or Land Court.  
Appeals, if any, shall be made pursuant to Section 17, Chapter 40A, Massachusetts General Laws and shall be filed within  
twenty days of the above date, and a copy thereof shall be filed with the Cambridge City Clerk's office by that same date.

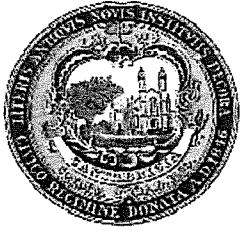
If you have any questions, please phone me at 349-6100.

Sincerely yours,

  
Maria L. Pacheco  
Secretary

Section 10.35 of the Zoning Ordinances:

If the rights authorized by a variance are not exercised within one year of the date of granting of such variance (two years  
for a special permit), they shall lapse and may be reestablished only after notice and new hearing pursuant to this Section  
10.30.



**CITY OF CAMBRIDGE  
 MASSACHUSETTS  
 BOARD OF ZONING APPEAL  
 831 MASSACHUSETTS AVENUE  
 CAMBRIDGE, MA 02139  
 617 349-6100**

2016 MAR 28 PM 4: 15  
 OFFICE OF THE CITY CLERK  
 CAMBRIDGE, MASSACHUSETTS

CASE NO: BZA-009389-2016 Residence C-1 Zone

LOCATION: 237 Putnam Ave  
 Cambridge, MA

PETITIONER: T-Mobile Northeast LLC - C/O Ricardo M. Sousa, Esq.

PETITION: Special Permit: The Applicant proposes to modify the existing wireless communications facility by collocating three (3) new L700 panel antennas to be installed consistent with the existing antennas on the Building. All three (3) proposed panel antennas will be concealed within the existing faux chimney. The Applicants proposal complies with Section 6409 of the Spectrum Act as the collocation of antennas is not a substantial change to the existing base station. Moreover, the Applicants proposal complies with Section 4.32 and 10.4 of the Cambridge Zoning Ordinance.

**VIOLATION :**

Article <u>4.000</u>	Section <u>4.32.G.1 (Telecommunication Facility).</u>
Article <u>4.000</u>	Section <u>4.40 (Footnote 49) (Telecommunication Facility).</u>
Article <u>10.000</u>	Section <u>10.40 (Special permit).</u>
Article <u>6409</u>	Section <u>Middle Class Tax Relief and Job Creation Act</u>

DATE OF PUBLIC NOTICE: February 25, 2016 and March 03, 2016

DATE OF PUBLIC HEARING: March 10, 2016;

MEMBERS OF THE BOARD:

CONSTANTINE ALEXANDER - CHAIR	<u>✓</u>
BRENDAN SULLIVAN - VICE-CHAIR	<u>✓</u>
THOMAS SCOTT	<u>      </u>
JANET O. GREEN	<u>      </u>

ASSOCIATE MEMBERS:

DOUGLAS MYERS	<u>      </u>
SLATER W. ANDERSON	<u>✓</u>
ANDREA A. HICKEY	<u>      </u>
ALISON HAMMER	<u>      </u>
JIM MONTEVERDE	<u>✓</u>
GEORGE BEST	<u>      </u>
LAURA WERNICK	<u>✓</u>

Members of the Board of Zoning Appeal heard testimony and viewed materials submitted regarding the above request for relief from the requirements of the Cambridge Zoning Ordinance. The Board is familiar with the location of the petitioner's property, the layout and other characteristics as well as the surrounding district.

Case No. BZA-009389-2016  
Location: 237 Putnam Avenue  
Petitioner: T-Mobile Northeast LLC c/o Ricardo Sousa, Esq.

On March 10, 2016, Petitioner's attorney Ricardo Sousa appeared before the Board of Zoning Appeal requesting a special permit in order to modify the existing wireless communications facility by collocating three new L700 panel antennas to be installed consistent with the existing antennas on the building, where all three antennas will be concealed within the existing faux chimney, and where the proposal complies with Section 6409 of the Spectrum Act as the collocation of antennas is not a substantial change to the existing base station and complies with Sections 4.32 & 10.40 of the Cambridge Zoning Ordinance ("Ordinance"). The Petitioner requested relief under Article 4, Section 4.32.G.1 and Article 10, Section 10.40 of the Ordinance and Section 6409 of the Middle Class Tax Relief & Job Creation Act. The Petitioner submitted application materials including information about the project, plans, and photographs.

Mr. Sousa stated that the proposal was to install an additional three antennas to an existing specially permitted telecommunications facility. He stated that the antennas would be housed in an existing faux chimney and so be hidden from view. He stated that the proposal had the support of the Historical Commission. At the Chair's request, Mr. Sousa agreed that the faux brick covering would extend to cover the existing exposed portion of the brick chimney and the color would match the rest of the brick on the existing building.

The Chair asked if anyone wished to be heard on the matter, no one indicated such. The Chair read a letter of support from the Planning Board.

After discussion, the Chair moved that the Board grant the special permit for relief in order to modify the existing wireless communications facility by collocating three new L700 panel antennas to be installed consistent with the existing antennas on the building, where all three antennas will be concealed within the existing faux chimney based on the finding that the requirements of the Ordinance cannot be met without a special permit. The Chair moved that the Board find that traffic generated or patterns of access or egress resulting from what was proposed would not cause congestion, hazard, or substantial change in established neighborhood character. The Chair moved that the Board find that the continued operation of or development of adjacent uses as permitted in the Ordinance would not be adversely affected by the nature of what was proposed. The Chair moved that the Board find that no nuisance or hazard would be created to the detriment of the, health, safety, and/or welfare of the occupant of the proposed use or the citizens of the City. The Chair moved that the Board find that the proposed use would not impair the integrity of the district or adjoining district or otherwise derogate from

the intent and purpose of the Ordinance. The Chair moved that the Board find that the proposed modifications to the existing telecommunication facility did not substantially change the physical dimensions of the existing wireless tower or base station as such facility, within the meaning of Section 6409(a) of The Middle Class Tax Relief and Job Creation Act of 2012, also known as The Spectrum Act. Based on these findings, the Chair moved that the Board grant the special permit subject to compliance with, and provided to the extent, the petitioner complies with the following conditions:

1. that the work proceed in accordance with the plans submitted by the petitioner as initialed by the Chair,
2. that upon completion of the work, the physical appearance, and visual impact of the proposed work be consistent with the photo simulations submitted by the petitioner and initialed by the Chair,
3. that the petitioner at all times maintain the proposed work so that its physical appearance and visual impact remain consistent with the photo simulations previously referred to,
4. that should the petitioner cease to utilize the equipment for a continuous period of six months or more, it promptly thereafter remove such equipment and restore the building on which it is located to its prior condition and appearance to the extent reasonably practicable,
5. that the petitioner continue to be in compliance with all conditions imposed by this Board with regard to previous special permits granted to the petitioner with regard to this site, and
6. Inasmuch as the health effects of the transmission of electromagnetic energy waves is a matter of ongoing societal concern and scientific study, the Special Permit is also subject to the following conditions:
  - A. that the petitioner shall file with the Inspectional Services Department each report it files with the federal authorities regarding electromagnetic energy wave emissions emanating from all of the petitioner's equipment on the site. Each such report shall be filed with the Inspectional Services Department no later than ten business days after the report has been filed with the federal authorities. Failure to timely file any such report with the Inspectional Services Department shall ipso facto terminate the Special Permit granted tonight.
  - B. that in the event that at any time federal authorities notify the petitioner that its equipment on the site, including, but not limited to the special permit granted tonight, fails to comply with the requirements of law or governmental regulations, whether with regard to the emissions of electromagnetic energy waves or otherwise, the petitioner, within ten business days of receipt of such notification of such failure, shall file with the Inspectional



Services Department a report disclosing in reasonable detail that such failure has occurred and the basis for such claimed failure. The special permit shall ipso facto terminate if any of the petitioner's federal licenses are suspended, revoked, or terminated.

- C. that to the extent a special permit has terminated pursuant to the foregoing paragraphs A and B, the petitioner may apply to this Board for a new special permit provided that the public notice containing such application discloses in reasonable detail that the application has been filed because of a termination of the special permit pursuant to paragraphs A or B above. Any such new application shall not be deemed a repetitive petition and therefore will not be subject to the two-year period during which repetitive petitions may not be filed.
- D. that within ten business days after receipt of a Building Permit for installation of equipment subject to this petition, the petitioner shall file with the Inspectional Services Department a sworn Affidavit of the person in charge of the installation of equipment by the petitioner of the geographical area that includes Cambridge. Stating that A, he or she has such responsibility, and B that the equipment being installed pursuant to the special permit will comply with all federal safety rules and will be situated and maintained in locations with appropriate barricades and other protections, such that individuals, including nearby residents and occupants of nearby structures, will be sufficiently protected from excessive radiofrequency radiation under federal law.

The five member Board voted unanimously in favor of granting the special permit (Alexander, Sullivan, Anderson, Monteverde, and Wernick) with the above conditions. Therefore, the special permit is granted.

The Board based its decision upon all the information presented, the above findings and upon the following:

- 1) The meeting of the requirements of the Ordinance;
- 2) Traffic generated or patterns of access or egress would not cause congestion, hazard, or substantial change in the established neighborhood character;
- 3) The continued operation of or the development of adjacent uses as permitted in the Ordinance would not be adversely affected by the nature of the proposed uses;
- 4) Nuisance or hazard would not be created to the detriment of the health, safety and /or welfare of the occupants of the proposed use;

- 5) The proposed use would not impair the integrity of the district or adjoining district or otherwise derogate from the Ordinance, and in fact would be a significant improvement to the structure and benefit the neighborhood, and;
- 6) The new use or building construction is not inconsistent with the Urban Design Objectives set forth in Section 19.30 of the Cambridge Zoning Ordinance.

The Board of Zoning Appeal is empowered to waive local zoning regulations only. This decision therefore does not relieve the petitioner in any way from the duty to comply with local ordinances and regulations of the other local agencies, including, but not limited to the Historical Commission, License Commission and/or compliance with requirements pursuant to the Building Code and other applicable codes.



Constantine Alexander, Chair

Attest: A true and correct copy of decision filed with the offices of the City Clerk and Planning Board on 3/28/16 by Maria Pacheco, Clerk.

Twenty days have elapsed since the filing of this decision.

No appeal has been filed \_\_\_\_\_.

Appeal has been filed and dismissed or denied.

Date: \_\_\_\_\_ City Clerk.

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**Federal Communications Commission**  
Wireless Telecommunications Bureau

## RADIO STATION AUTHORIZATION

LICENSEE: T-MOBILE LICENSE LLC

ATTN: FCC REGULATORY COMPLIANCE  
T-MOBILE LICENSE LLC  
12920 SE 38TH STREET  
BELLEVUE, WA 98006

<b>Call Sign</b> WQIZ578	<b>File Number</b> 0008577570
<b>Radio Service</b> WY - 700 MHz Lower Band (Blocks A, B & E)	

FCC Registration Number (FRN): 0001565449

<b>Grant Date</b> 05-30-2019	<b>Effective Date</b> 05-30-2019	<b>Expiration Date</b> 06-13-2029	<b>Print Date</b> 05-31-2019
<b>Market Number</b> BEA003	<b>Channel Block</b> A	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Boston-Worcester-Lawrence-Lowe			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b> 06-13-2019	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**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).

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.

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:** T-MOBILE LICENSE LLC

**Call Sign:** WQIZ578

**File Number:** 0008577570

**Print Date:** 05-31-2019

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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Proter LLC Corp



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**Federal Communications Commission  
Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: T-MOBILE LICENSE LLC

T-MOBILE LICENSE LLC  
12920 SE 38TH STREET  
BELLEVUE, WA 98006

<b>Call Sign</b> WQZL852	<b>File Number</b>
<b>Radio Service</b> WT - 600 MHz Band	

**FCC Registration Number (FRN):** 0001565449

<b>Grant Date</b> 06-14-2017	<b>Effective Date</b> 06-15-2017	<b>Expiration Date</b> 06-14-2029	<b>Print Date</b>
<b>Market Number</b> PEA007	<b>Channel Block</b> B	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Boston, MA			
<b>1st Build-out Date</b> 06-14-2023	<b>2nd Build-out Date</b> 06-14-2029	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**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:** T-MOBILE LICENSE LLC

**Call Sign:** WQZL852

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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## Federal Communications Commission

### Wireless Telecommunications Bureau

### RADIO STATION AUTHORIZATION

LICENSEE: T-MOBILE LICENSE LLC

T-MOBILE LICENSE LLC  
12920 SE 38TH STREET  
BELLEVUE, WA 98006

<b>Call Sign</b> WQZL853	<b>File Number</b>
<b>Radio Service</b> WT - 600 MHz Band	

FCC Registration Number (FRN): 0001565449

<b>Grant Date</b> 06-14-2017	<b>Effective Date</b> 06-15-2017	<b>Expiration Date</b> 06-14-2029	<b>Print Date</b>
<b>Market Number</b> PEA007	<b>Channel Block</b> C	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Boston, MA			
<b>1st Build-out Date</b> 06-14-2023	<b>2nd Build-out Date</b> 06-14-2029	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**Waivers/Conditions:**

NONE

**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:** T-MOBILE LICENSE LLC

**Call Sign:** WQZL853

**File Number:**

**Print Date:**

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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## Federal Communications Commission

### Wireless Telecommunications Bureau

### RADIO STATION AUTHORIZATION

LICENSEE: T-MOBILE LICENSE LLC

ATTN: FCC REGULATORY COMPLIANCE  
T-MOBILE LICENSE LLC  
12920 SE 38TH ST.  
BELLEVUE, WA 98006

<b>Call Sign</b> WRAM889	<b>File Number</b> 0008585885
<b>Radio Service</b> CW - PCS Broadband	

FCC Registration Number (FRN): 0001565449

<b>Grant Date</b> 05-30-2019	<b>Effective Date</b> 05-30-2019	<b>Expiration Date</b> 06-30-2029	<b>Print Date</b> 05-31-2019
<b>Market Number</b> BTA201	<b>Channel Block</b> C	<b>Sub-Market Designator</b> 4	
<b>Market Name</b> Hyannis, MA			
<b>1st Build-out Date</b>	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

#### 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:** T-MOBILE LICENSE LLC

**Call Sign:** WRAM889

**File Number:** 0008585885

**Print Date:** 05-31-2019

Spectrum Lease associated with this license. See Spectrum Leasing Arrangement Letter dated 07/27/2004 and File No. 0001765259.

RECEIVED  
FCC  
OCT 2017

**Licensee Name:** T-MOBILE LICENSE LLC

**Call Sign:** WRAM889

**File Number:** 0008585885

**Print Date:** 05-31-2019

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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## Federal Communications Commission

### Wireless Telecommunications Bureau

### RADIO STATION AUTHORIZATION

LICENSEE: T-MOBILE LICENSE LLC

ATTN: FCC REGULATORY COMPLIANCE  
T-MOBILE LICENSE LLC  
12920 S.E. 38TH STREET  
BELLEVUE, WA 98006

<b>Call Sign</b> KNLH311	<b>File Number</b> 0007725350
<b>Radio Service</b> CW - PCS Broadband	

FCC Registration Number (FRN): 0001565449

<b>Grant Date</b> 06-08-2017	<b>Effective Date</b> 06-08-2017	<b>Expiration Date</b> 06-27-2027	<b>Print Date</b> 06-09-2017
<b>Market Number</b> BTA201	<b>Channel Block</b> D	<b>Sub-Market Designator</b> 0	
<b>Market Name</b> Hyannis, MA			
<b>1st Build-out Date</b> 06-27-2002	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

#### 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.

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:** T-MOBILE LICENSE LLC

**Call Sign:** KNLH311

**File Number:** 0007725350

**Print Date:** 06-09-2017

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.

**Licensee Name:** T-MOBILE LICENSE LLC

**Call Sign:** KNLH311

**File Number:** 0007725350

**Print Date:** 06-09-2017

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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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: T-MOBILE LICENSE LLC

ATTN: FCC REGULATORY COMPLIANCE  
T-MOBILE LICENSE LLC  
12920 SE 38TH ST.  
BELLEVUE, WA 98006

<b>Call Sign</b> WPOJ753	<b>File Number</b> 0008585870
<b>Radio Service</b> CW - PCS Broadband	

**FCC Registration Number (FRN): 0001565449**

<b>Grant Date</b> 05-30-2019	<b>Effective Date</b> 05-30-2019	<b>Expiration Date</b> 06-30-2029	<b>Print Date</b> 05-31-2019
<b>Market Number</b> BTA229	<b>Channel Block</b> C	<b>Sub-Market Designator</b> 3	
<b>Market Name</b> Kingsport-Johnston City, TN-Br			
<b>1st Build-out Date</b> 06-30-2004	<b>2nd Build-out Date</b>	<b>3rd Build-out Date</b>	<b>4th Build-out Date</b>

**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.

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:** T-MOBILE LICENSE LLC

**Call Sign:** WPOJ753

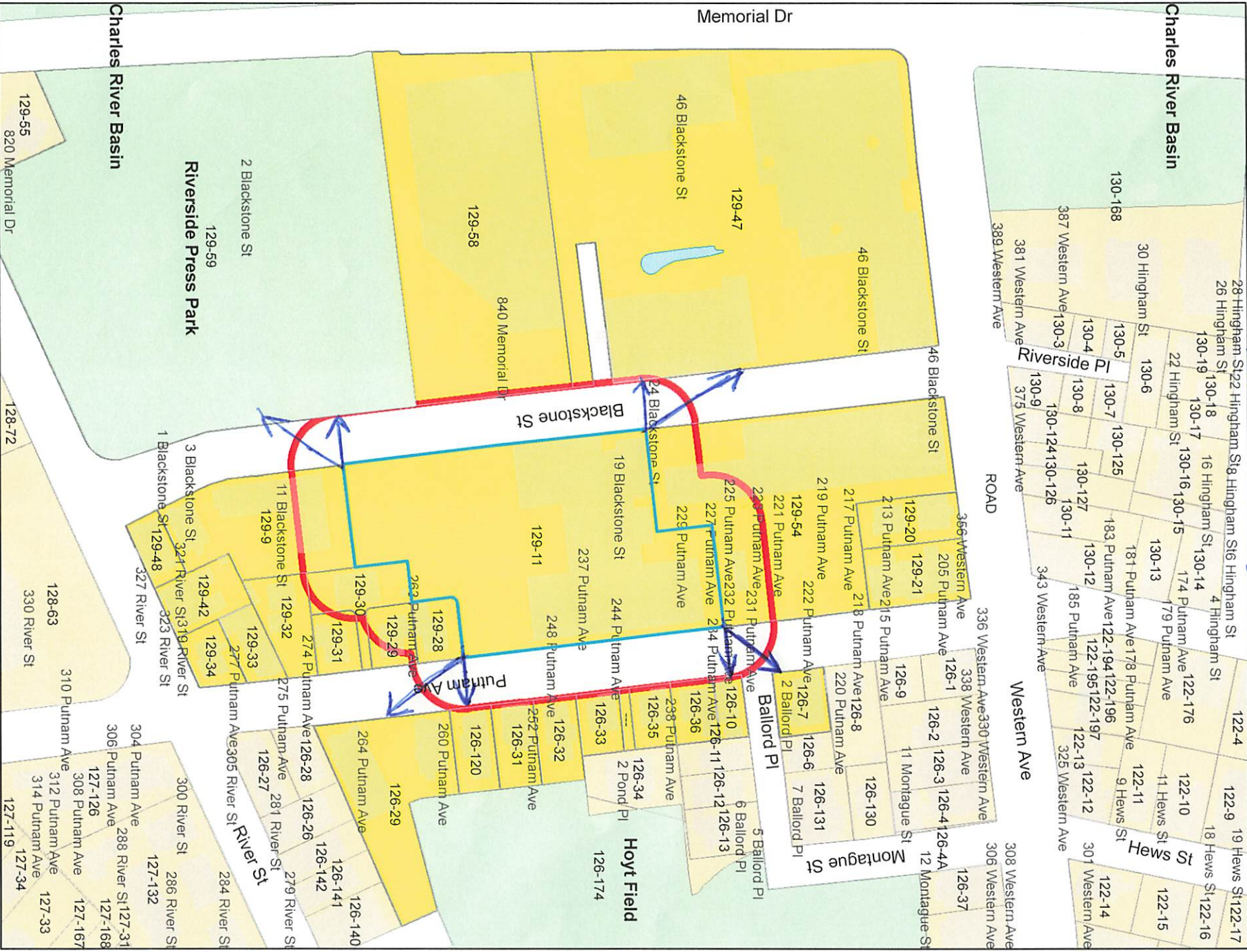
**File Number:** 0008585870

**Print Date:** 05-31-2019

**700 MHz Relicensed Area Information:**

<b>Market</b>	<b>Market Name</b>	<b>Buildout Deadline</b>	<b>Buildout Notification</b>	<b>Status</b>
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237 Putnam Avenue



Memorial Dr

Charles River Basin

Charles River Basin

Riverside Press Park

Hoyt Field

Hews St

Montague St

Ballord Pl

2 Pond Pl

Western Ave

ROAD

Riverside Pl

129-55  
820 Memorial Dr

128-72

330 River St

127-119

129-55

820 Memorial Dr

128-72

330 River St

127-119

2 Blackstone St

129-59

327 River St

127-132

129-59

129-59

327 River St

127-132

129-59

129-59

327 River St

127-132

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327 River St

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327 River St

127-132

129-59

129-59

327 River St

127-132



237 Putnam Ave

Petitioner 193

126-32  
SIMOES, ALEXANDER J.  
248 PUTNAM AVE UNIT 1  
CAMBRIDGE, MA 02139

126-32  
SIEGELBAUM, LEENA  
248 PUTNAM AVE UNIT 2  
CAMBRIDGE, MA 02139

PRINCE LOBEL TYE LLP  
C/O ADAM BRAILLARD, ESQ.  
ONE INTERNATIONAL PL. - SUITE 3700  
BOSTON, MA 02110

126-35  
YAKOBIAN, ANDREW J. &  
MICHELLE S. FRIEDMAN-YAKOBIAN  
238 PUTNAM AVE  
CAMBRIDGE, MA 02139

126-120  
BROWNE, VENETTA & LEROY BROWNE JR.  
256 PUTNAM AVE  
CAMBRIDGE, MA 02139

129-9  
THOMPSON DONALD J  
3-11 BLACKSTONE ST UNIT 11/7  
CAMBRIDGE, MA 02139

129-9  
RUBIN, DONALD  
3-11 BLACKSTONE ST., UNIT 11/10  
CAMBRIDGE, MA 02139

126-29  
JAS CONSOLIDATED PROPERTIES LLC  
C/O JAS CORPORATION  
1035 CAMBRIDGE ST UNIT 12  
CAMBRIDGE, MA 02141

129-42  
LINI SO 2017 LLC  
ATTN: MELINA GEORGANTAS  
29 CHESTER ST  
WATERTOWN, MA 02472

129-47  
PRESIDENT & FELLOWS OF HARVARD COLLEGE  
C/O GENERAL COUNSEL HOLYOKE CENTER RM 98  
1390 MASSACHUSETTS AVE  
CAMBRIDGE, MA 02138

129-9  
ROMANO, ERIC R. JR., &  
JENNIFER M. ROMANO  
3-11 BLACKSTONE ST  
CAMBRIDGE, MA 02139

129-9  
ADELMANN, PATRICIA &  
JAMES JOSEPH MCCLURE  
3-11 BLACKSTONE ST UNIT 11/1  
CAMBRIDGE, MA 02139

129-28  
PERRY, CHRISTOPHER & JEAN SUNG  
259 PUTNAM AVE  
CAMBRIDGE, MA 02139

129-31  
MASTRANGELO, LOUIS  
269 PUTNAM AVE  
CAMBRIDGE, MA 02139

129-58  
RIVERTECH ASSOCIATES LLC  
C/O ABBEY GROUP  
177 HUNTINGTON AVE. FL 24  
BOSTON, MA 02115

129-9  
SHEPHERD, MARY K.  
3-11 BLACKSTONE ST UNIT 3/4  
CAMBRIDGE, MA 02139

129-9  
HARWITZ, ALEXANDER L. & LAURA JOHNSON  
3-11 BLACKSTONE ST UNIT 11/3  
CAMBRIDGE, MA 02139

129-9  
PERKINS EVELYN M.  
TRUSTEE OF E.M. PERKINS REALTY TR.  
3-11 BLACKSTONE ST UNIT 11/5  
CAMBRIDGE, MA 02139

129-32  
MASTRANGELO, LOUIS  
269 PUTNAM AVE  
CAMBRIDGE, MA 02139

126-7  
FLEURANT, GERDES &  
FLORIENE SAINTIL A LIFE ESTATE  
222 PUTNAM AVE  
CAMBRIDGE, MA 02139

126-31  
MONDESIR, LIONEL &  
ANTOINETTE A. MONDESIR  
252 PUTNAM AVE.  
CAMBRIDGE, MA 02139

126-33  
GERROS, DIANE,  
TR. OF 33 STEPS REALTY TRUST  
302 BROOKLINE ST  
CAMBRIDGE, MA 02139

126-36  
ZINKY, JOHN AND NANCY ISHIHARA  
234 PUTNAM AVENUE  
CAMBRIDGE, MA 02139

129-33  
ANNA REALTY CORPORATION  
P.O BX 2215  
ACTON, MA 01720-2215

129-9  
ZAPFE JEFFREY A & KIMBERLY J SAUDINO  
3-11 BLACKSTONE ST UNIT 11-4  
CAMBRIDGE, MA 02139

129-21  
PUTNAM & WESTERN COOPERATIVE  
CORPORATION  
211 PUTNAM AVE  
CAMBRIDGE, MA 02139

129-30  
SMITH, SARAH B.  
267 PUTNAM AVE  
CAMBRIDGE, MA 02139

129-48  
JAVED, RAFIYA DAVID BENJAMIN YANNI  
1 BLACKSTONE ST UNIT 2  
CAMBRIDGE, MA 02139

129-54  
BONNER, TRECIA  
217 PUTNAM AVE UNIT 217/7  
CAMBRIDGE, MA 02139

129-54  
RABINOWITZ, REBECCA  
217 PUTNAM AVE UNIT 2  
CAMBRIDGE, MA 02139

237 Putnam Ave

243

129-54  
CARTER, SUSAN A.  
217 PUTNAM AVE UNIT 217/20  
CAMBRIDGE, MA 02139

129-54  
SUAZO, MELBA  
217-219 PUTNAM AVE UNIT 217-18  
CAMBRIDGE, MA 02139

129-54  
GLISOVIC, BRANKO  
217 PUTNAM AVE UNIT 217/14  
CAMBRIDGE, MA 02139

129-54  
NOLAN, JOHN S. & NINA C. NOLAN  
217 PUTNAM AVE UNIT 13  
CAMBRIDGE, MA 02139

129-54  
LEMMA, ALEMAYEHU G. & SENAYET Y. GIGAR  
217 PUTNAM AVE UNIT 217/11  
CAMBRIDGE, MA 02139

129-54  
OGBAZGHI, HINESHIM & ELSA MENGISTU  
217 PUTNAM AVE UNIT 5  
CAMBRIDGE, MA 02139

129-54  
BONANNO, KEVIN P. & AIMEE BONANNO  
217 PUTNAM AVE UNIT 4  
CAMBRIDGE, MA 02139

129-54  
THORPE, ROBERT W. & SOPHIA A. THORPE  
217 PUTNAM AVE., 217/21  
CAMBRIDGE, MA 02139

129-54  
CHAN, SOPHEA  
217 PUTNAM AVE UNIT 229  
CAMBRIDGE, MA 02139

129-54  
PERDOMO, AZLILN  
223 PUTNAM AVE UNIT 5  
CAMBRIDGE, MA 02139

129-54  
GACHETTE, MAX A. & MARIE L. GACHETTE  
217 PUTNAM AVE UNIT 223/3  
CAMBRIDGE, MA 02139

129-54  
COLLINS, CHADWICK W.  
217-229 PUTNAM AVE UNIT 225  
CAMBRIDGE, MA 02139

129-54  
CRASTA, FREDRICK & APOLINE RODRIGUES  
223 PUTNAM AVE UNIT 223-2  
CAMBRIDGE, MA 02139

129-54  
POOR, MICHAEL J. & SHANNON M. POOR  
217 PUTNAM AVE UNIT 9  
CAMBRIDGE, MA 02139

129-54  
HAILE, HAREGU  
217 PUTNAM AVE UNIT 217/8  
CAMBRIDGE, MA 02139

129-54  
SCANTLEBURY, KIM I.  
217 PUTNAM AVE UNIT 217/12  
CAMBRIDGE, MA 02139

129-54  
SUWAL, MAHESH R. & RADHIKA SUWAL  
221 PUTNAM AVE  
CAMBRIDGE, MA 02139

129-54  
JAS HOMEOWNERSHIP LLC  
430 RINDGE AVE 301  
CAMBRIDGE, MA 02140

129-54  
JAS HOMEOWNERSHIP LLC  
430 RINDGE AVE 301  
CAMBRIDGE, MA 02140

129-54  
KARMACHARYA, SUDDYAM &  
BABA KARMACHARYA  
219 PUTNAM AVE  
CAMBRIDGE, MA 02139

129-54  
GRAHAM, RHONDA  
217 PUTNAM AVE UNIT 217/6  
CAMBRIDGE, MA 02139

129-54  
WALKER, JEFFREY M.  
217 PUTNAM AVE UNIT 3  
CAMBRIDGE, MA 02139

129-54  
DOTSANG, JAMYANG T. &  
TSERING D. DOTSANG  
217 PUTNAM AVE., 217/10  
CAMBRIDGE, MA 02139

129-54  
GENESH SINGH, THAKUR A. &  
POONAM G. THAKUR  
217 PUTNAM AVE UNIT 22  
CAMBRIDGE, MA 02141-0003

129-54  
FIFIELD, SHANE & FELICIA N. FIFIELD  
217 PUTNAM AVE UNIT 19  
CAMBRIDGE, MA 02139

129-54  
SELK, CHARLES A. & SABRINA C. SELK  
217 PUTNAM AVE., UNIT 17  
CAMBRIDGE, MA 02139

129-54  
DULAL, AMBIKA & BIGYAN GHIMIRE  
217-229 PUTNAM AVE UNIT 217/16  
CAMBRIDGE, MA 02139

126-10  
ROTHMAN-SHORE, JEREMY  
AVIVA ROTHMAN-SHORE  
10 BALLARD PLACE  
CAMBRIDGE, MA 02139

129-54  
HESED Jael  
217 PUTNAM AVE - UNIT 1  
CAMBRIDGE, MA 02139

129-34  
SHEIKH HANEEF A & SMITHA S HANEEF  
311 RIVER ST - UNIT 2  
CAMBRIDGE, MA 02138

237 Putnam Ave

303

129-9  
MORRISON, SAMANTHA L,  
TRS THE SAMANTHA MORRISON TRUST  
3-11 BLACKSTONE ST UNIT 3-3  
CAMBRIDGE, MA 02139

129-54  
OSTER, ALEXANDER & NATALI FREED  
217 PUTNAM AVE - UNIT 223-1  
CAMBRIDGE, MA 02139

129-29  
GUO, BEI HUA XU  
263 PUTNAM AVE  
CAMBRIDGE, MA 02139

129-9  
WAINWRIGHT, CLARA M.  
DEDALUS A. WAINWRIG TRUSTEE  
3-11 BLACKSTONE ST - UNIT 11-6  
CAMBRIDGE, MA 02139

129-11  
GI ETS CAMBRIDGE I LLC  
6720 N. SCOTTSDALE RD - STE 350  
SCOTTSDALE, AZ 85253

129-54  
MAROLDA, RACHEL  
7 JAY ST  
CAMBRIDGE, MA 02139

129-54  
HUSSAIN, MD TAMIM KHADIJATUL KUBRA  
217 PUTNAM AVE - UNIT 217-15  
CAMBRIDGE, MA 02139

126-32  
MUCHMORE, STEVEN  
248 PUTNAM AVE - UNIT 3  
CAMBRIDGE, MA 02139

129-48  
PAREJA, ALDO  
1 BLACKSTONE ST UNIT 3  
CAMBRIDGE, MA 02139

129-48  
ZAICHWSKY, JUSTIN, TAMARA ZAICHWSKY  
1 BLACKSTONE ST - UNIT 1  
CAMBRIDGE, MA 02139

129-9  
FIORE, KELLIE A. JAMES A. FIORE JR. TRS  
11 BLACKSTONE ST - UNIT 2  
CAMBRIDGE, MA 02139

129-9  
TERRA, CARLOS M. RAYMOND E. FAULKNER  
11 BLACKSTONE ST #8  
CAMBRIDGE, MA 02139

129-20  
356 WESTERN AVENUE LLC  
155 MIDDLESEX TURNPIKE  
BURLINGTON, MA 01803

129-9  
ZHU, YUANXIANG TRS THE Z & L TR  
3-11 BLACKSTONE ST UNIT 3-1  
CAMBRIDGE, MA 02139

129-59  
CITY OF CAMBRIDGE  
C/O MEGAN BAYER  
CITY SOLICITOR

129-59  
CITY OF CAMBRIDGE  
C/O YI-AN HUANG  
CITY MANAGER



# City of Cambridge

MASSACHUSETTS

## BOARD OF ZONING APPEAL

831 Mass Avenue, Cambridge, MA.  
(617) 349-6100

2 Bds -

### BZA

### POSTING NOTICE – PICK UP SHEET

The undersigned picked up the notice board for the Board of Zoning Appeals Hearing.

Name: Adam Brillard Date: \_\_\_\_\_  
(Print)

Address: 237 Putnam Ave

Case No. BZA-1174892

Hearing Date: 9/11/25

Thank you,  
Bza Members