

GENERAL INFORMATION

BZA APPLICATION FORM - OWNERSHIP INFORMATION

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

I/We 10 Fawcett Investors, LLC
(OWNER)
c/o Davis Management Company, 125 High Street, Suite 2111
Address: Boston, MA 02110

State that I/We own the property located at Massachusetts,
which is the subject of this zoning application.

The record title of this property is in the name of 10 Fawcett
Investors, LLC

*Pursuant to a deed of duly recorded in the date 9/12/18, Middlesex South
County Registry of Deeds at Book 71609, Page 271; or
Middlesex Registry District of Land Court, Certificate No. _____
Book _____ Page _____

[Signature]
SIGNATURE BY LAND OWNER OR
AUTHORIZED TRUSTEE, OFFICER OR AGENT*

10 Fawcett Investors LLC
*Written evidence of Agent's standing to represent petitioner may be requested.

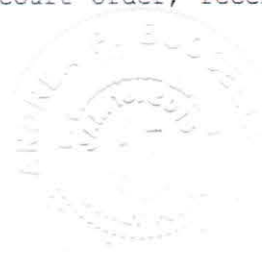
Commonwealth of Massachusetts, County of Suffolk

The above-name Larry F. Larrow personally appeared before me,
this 19th of July, 2019, and made oath that the above statement is true.

[Signature] Notary

My commission expires February 6, 2020 (Notary Seal).

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



BZA APPLICATION FORM
DIMENSIONAL INFORMATION

APPLICANT: T-Mobile Northeast **PRESENT USE/OCCUPANCY:** Wireless Telecommunications

LOCATION: 10 Fawcett Street **ZONE:** O-2

PHONE: 617-456-8123 **REQUESTED USE/OCCUPANCY:** Wireless Telecommunications

| | <u>EXISTING CONDITIONS</u> | <u>REQUESTED CONDITIONS</u> | <u>ORDINANCE REQUIREMENTS¹</u> |
|--|--------------------------------|---------------------------------|---|
| <u>TOTAL GROSS FLOOR AREA:</u> | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (max.) |
| <u>LOT AREA:</u> | <u>N/A</u> | | <u>N/A</u> (min.) |
| <u>RATIO OF GROSS FLOOR AREA TO LOT AREA:²</u> | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (max.) |
| <u>LOT AREA FOR EACH DWELLING UNIT:</u> | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (min.) |
| <u>SIZE OF LOT:</u> | <u>N/A</u> | | <u>N/A</u> (min.) |
| WIDTH | | | |
| DEPTH | | | |
| <u>Setbacks in Feet:</u> | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (min.) |
| FRONT | | | |
| REAR | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (min.) |
| LEFT SIDE | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (min.) |
| RIGHT SIDE | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (min.) |
| <u>SIZE OF BLDG.:</u> | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (max.) |
| HEIGHT | | | |
| LENGTH | | | |
| WIDTH | | | |
| <u>RATIO OF USABLE OPEN SPACE TO LOT AREA:³</u> | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (min.) |
| <u>NO. OF DWELLING UNITS:</u> | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (max.) |
| <u>NO. OF PARKING SPACES:</u> | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (min./max) |
| <u>NO. OF LOADING AREAS:</u> | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (min.) |
| <u>DISTANCE TO NEAREST BLDG. ON SAME LOT:</u> | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (min.) |

Describe where applicable, other occupancies on 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.
3. OPEN SPACE SHALL NOT INCLUDE PARKING AREAS, WALKWAYS OR DRIVEWAYS AND SHALL HAVE A MINIMUM DIMENSION OF 15'.

July 23, 2019

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: 10 Fawcett Street
Assessor's Map 267F, Lot 301 (the "Property")
Applicant: T-Mobile Northeast LLC (the "Applicant")

Dear Honorable Members of the Board of Zoning Appeals:

This firm represents T-Mobile Northeast LLC ("T-Mobile") (hereinafter, the "Applicant") in connection with an application for a special permit 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 Office 2 (O-2) zoning district. 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 Board¹. 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 on the Eligible Facilities Request permit application form attached hereto and incorporated herein by reference (the "EFR").

¹ 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.

Prince Lobel Tye LLP
One International Place
Suite 3700
Boston, MA 02110
TEL: 617 456 8000
FAX: 617 456 8100

www.princelobel.com

The Applicant seeks to modify its existing wireless communications facility by replacing three (3) panel antennas mounted to the façades of the existing penthouse on the building located at the Property (the “Building”), with three (3) like kind panel antennas, and replacing three (3) Remote Radio Head Units (“RRU”) and supporting equipment (the “Proposed Facility”). All of the proposed replacement antennas will be painted to match the existing building. The Applicant’s facilities are 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

As noted above, the Applicant proposes to modify its existing wireless facility currently operating on the rooftop of the Building by replacing three (3) panel antennas, façade mounted to the penthouse of the existing Building, and by replacing three (3) RRU antennas with three (3) like kind RRUs. All visible antennas will be painted to match the Building. All replacement antennas will be installed to be consistent with the previous decisions of the Board and from the City of Cambridge Planning Board for this facility, the first of which is dated December 1, 1997 (Case No. PB #27, Major Amendment #2) (the “Original Decision”), a second decision dated January 3, 2013 (Case No. 10333) (the “2nd Decision”), and a third decision dated September 29, 2016 (Case No. BZA-011007-2016) (the “3rd Decision”) (together, the Original Decision, the 2nd Decision and the 3rd Decision shall hereafter be referred to as the “Decisions”). Consequently, the visual change to the Applicant’s existing facility will be de minimus.

After installation, the Proposed Facility will be unmanned and will only require twice a month maintenance visits per carrier. The only utilities required to operate this Proposed Facility are standard 120-volt electrical power as well as telephone service. These are presently in place at the Property. The traffic generated by the Proposed Facility will be approximately two vehicle trips per month by maintenance personnel who will inspect the Proposed Facility to ensure it remains in good working order. 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 O-2 zoning 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 remedy existing gaps in reliable network coverage, or gaps that result from increasing subscriber voice and data traffic beyond the limits of existing network infrastructure. A carrier's failure to remedy network gaps in a timely fashion can result in a significant loss of subscribers to competing telecommunications carriers.

T-Mobile investigated alternative sites in and around the defined geographic area within which its engineers determined that a facility must be located to fill the gap in service coverage and to function effectively within its network of existing and planned facilities. This is an existing location that is being upgraded with new technology to provide the necessary coverage to the subject area of the City of Cambridge. Therefore, the Proposed Facility in the O-2 zoning district is necessary to close the coverage gap that is illustrated on the propagation maps submitted herewith. Consequently, T-Mobile is unable to close a gap in its wireless network without obtaining the requested relief under Section 6409 of the Spectrum act or a Special Permit to modify its existing wireless facility in the O-2 zoning district.

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 has no additional visual impact on the existing facility and Building. The Proposed Facility will be installed entirely within the existing faux chimney and as such will have no change on the existing visual conditions of the Building.

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.**

This is not applicable to the Proposed Facility. The Applicant proposes to install its facility within the O-2 zoning district.

B. The Applicant complies with the Special Permit Criteria set forth in Section 10-43 of the Ordinance²:

1. The requirements of the Ordinance can be met:

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.

² 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.

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 O-2 zoning districts.

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:

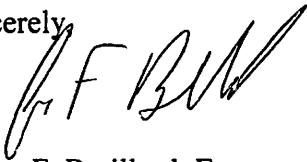
Not Applicable. The Applicant is not proposing to construct a new building or structure.

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 'A. F. Braillard', written over a horizontal line.

Adam F. Braillard, Esq.

Direct: 617-456-8153

Email: abraillard@princelobel.com

BZA APPLICATION FORM

GENERAL INFORMATION

2019 JUL 30 AM 11:26

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

Special Permit: ☒ Variance: _____ Appeal: _____

and relief pursuant to Section 6409 of the Middle Class Tax Relief Act

PETITIONER: T-Mobile Northeast LLC

PETITIONER'S ADDRESS: Prince Lobel Tye, LLP, Attn. Adam F. Braillard, Esq. One International Place, Suite 3700, Boston, MA

LOCATION OF PROPERTY: 10 Fawcett Street

TYPE OF OCCUPANCY: Telecommunications ZONING DISTRICT: O-2

REASON FOR PETITION:

| | |
|---|--|
| <input type="checkbox"/> Additions | <input type="checkbox"/> New Structure |
| <input type="checkbox"/> Change in Use/Occupancy | <input type="checkbox"/> Parking |
| <input type="checkbox"/> Conversion to Addi'l Dwelling Unit's | <input type="checkbox"/> Sign |
| <input type="checkbox"/> Dormer | <input type="checkbox"/> Subdivision |
| <input checked="" type="checkbox"/> Other: Section 6409(a) of the Spectrum Act relief for Special Permit for the collocation of a Wireless Facility | |

DESCRIPTION OF PETITIONER'S PROPOSAL:

The Applicant proposes to modify its existing wireless facility currently operating on the penthouse facade of the Building by replacing three (3) panel antennas, with three (3) like kind panel antennas, and by replacing three (3) remote radio units (RRUs) with three (3) like kind RRUs. All visible replaced antennas and supporting equipment will be painted to match the building. 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 4.00 Section 4.32 (g)(1) Utilities - Telephone Exchange

Article 10.00 Section 10.4 - Special Permit

Article 6409 Section Middle Class Tax Relief Act

Applicants for a **Variance** must complete Pages 1-5

Applicants for a **Special Permit** must complete Pages 1-4 and 6

Applicants for an **Appeal** to the BZA of a Zoning determination by the Inspectional Services Department must attach a statement concerning the reasons for the appeal

Original Signature(s):

(Petitioner(s)/Owner)

Adam F. Braillard, Esq.

(Print Name)

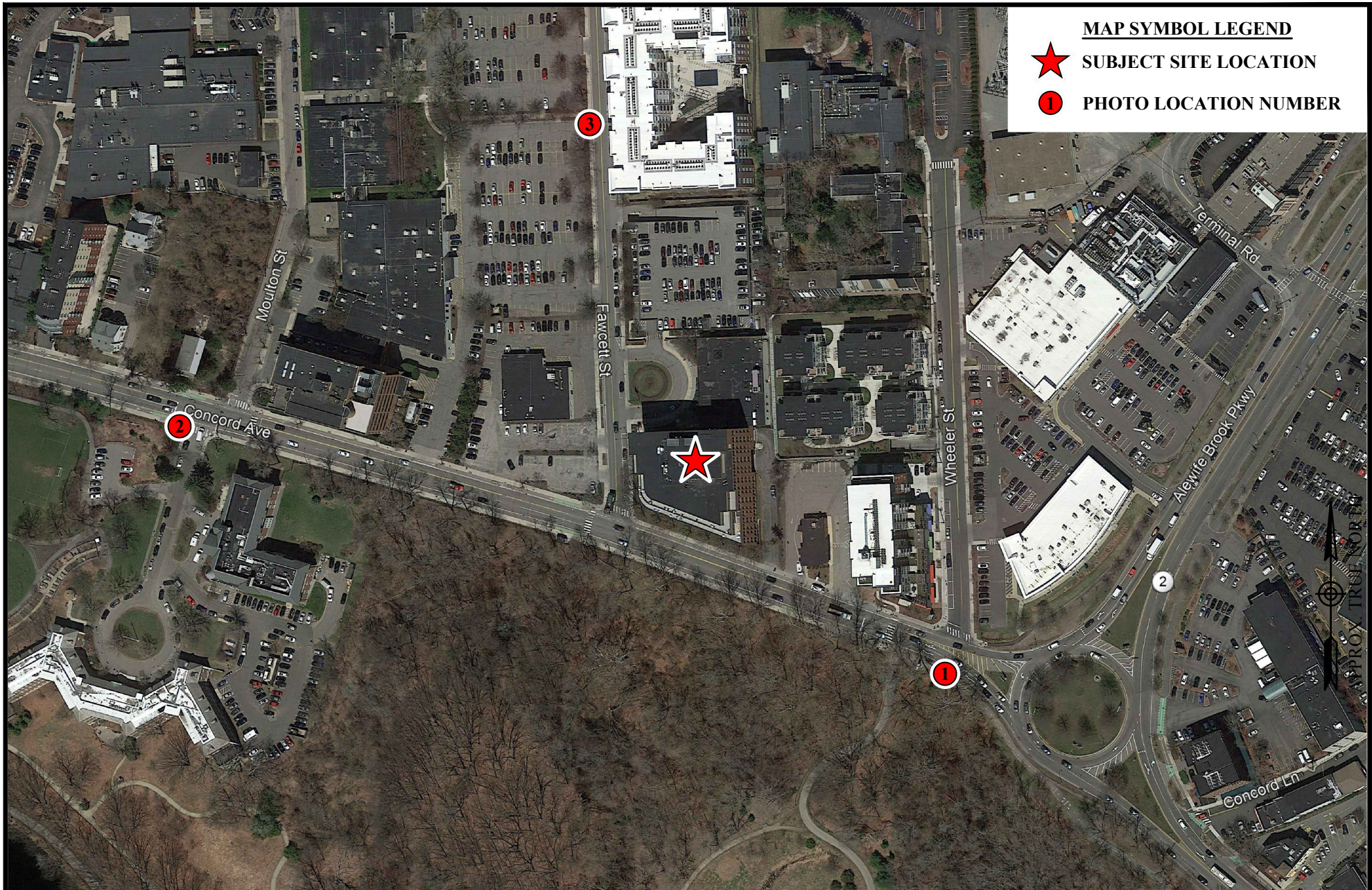
Address: One International Place, Suite 3700

Boston, MA 02110

Tel. No.: 617-456-8153

E-Mail Address: abraillard@princelobel.com

Date: July 23, 2019



MAP SYMBOL LEGEND



SUBJECT SITE LOCATION



PHOTO LOCATION NUMBER

PREPARED FOR:

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

PREPARED BY:

ADVANCED
ENGINEERING GROUP, P.C.
Civil Engineering - Site Development
Surveying - Telecommunications
500 NORTH BROADWAY
EAST PROVIDENCE, 02914
PH: (401) 354-2403
FAX: (401) 633-6354

SITE NO: 4DE7174A

SITE NAME: B0174/10 FAWCETT STREET

ADDRESS: 10 FAWCETT STREET
CAMBRIDGE, MA 02138

KEY MAP OF PHOTOS

PAGE: MAP-1

DATE: 4/12/2019

DRAWN BY: MR

REVISION: 1



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SITE NO: 4DE7174A

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ADDRESS: 10 FAWCETT STREET
CAMBRIDGE, MA 02138

VIEW #1

EXISTING VIEW FROM THE SOUTHEAST,
AT THE INTERSECTION OF ALEWIFE BROOK
PARKWAY AND CONCORD AVENUE

PAGE: V-1E

DATE: 4/12/2019

DRAWN BY: MR

REVISION: 1



PREPARED FOR:

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NORTON, MA 02788
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FAX: (508) 286-2893

PREPARED BY:



SITE NO: 4DE7174A

SITE NAME: B0174/10 FAWCETT STREET

ADDRESS: 10 FAWCETT STREET
CAMBRIDGE, MA 02138

VIEW #1

PROPOSED VIEW FROM THE SOUTHEAST,
AT THE INTERSECTION OF ALEWIFE
BROOK PARKWAY AND CONCORD AVENUE

PAGE: V-1P

DATE: 4/12/2019

DRAWN BY: MR

REVISION: 1



PREPARED FOR:

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SITE NO: 4DE7174A

SITE NAME: B0174/10 FAWCETT STREET

ADDRESS: 10 FAWCETT STREET
CAMBRIDGE, MA 02138

VIEW #2

EXISTING VIEW FROM THE WEST,
INTERSECTION OF MOULTON STREET
AND CONCORD AVENUE

PAGE: V-2E

DATE: 4/12/2019

DRAWN BY: MR

REVISION: 1



PREPARED FOR:

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15 COMMERCE WAY, SUITE B
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SITE NO: 4DE7174A

SITE NAME: B0174/10 FAWCETT STREET

ADDRESS: 10 FAWCETT STREET
CAMBRIDGE, MA 02138

VIEW #2

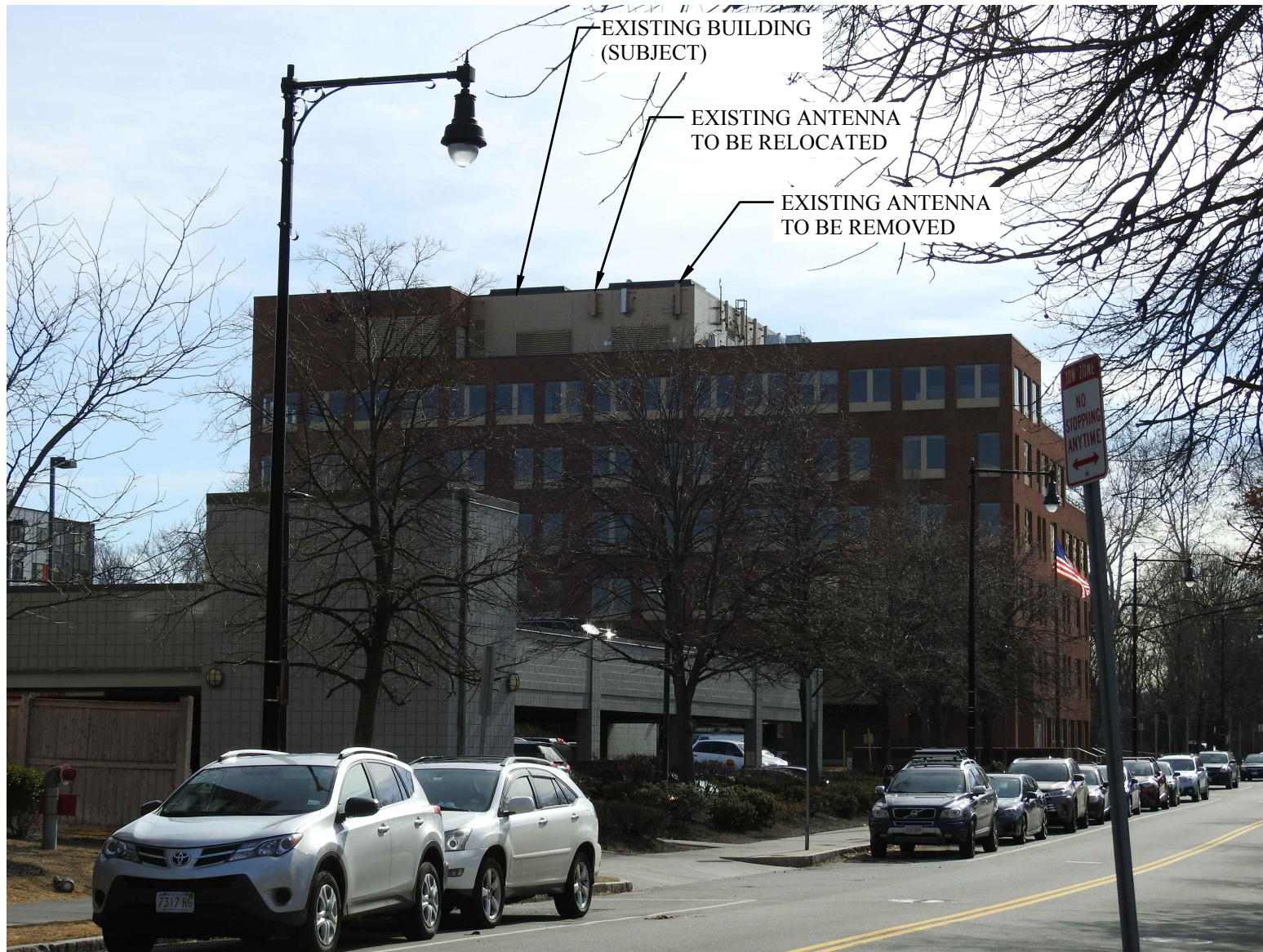
PROPOSED VIEW FROM THE WEST,
INTERSECTION OF MOULTON STREET AND
CONCORD AVENUE

PAGE: V-2P

DATE: 4/12/2019

DRAWN BY: MR

REVISION: 1



PREPARED FOR:

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

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PH: (401) 354-2403
FAX: (401) 633-6354

SITE NO: 4DE7174A

SITE NAME: B0174/10 FAWCETT STREET

ADDRESS: 10 FAWCETT STREET
CAMBRIDGE, MA 02138

VIEW #3
EXISTING VIEW FROM THE NORTH,
ON FAWCETT STREET

PAGE: V-3E

DATE: 4/12/2019

DRAWN BY: MR

REVISION: 1



PREPARED FOR:

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15 COMMERCE WAY, SUITE B
NORTON, MA 02766
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PREPARED BY:

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Surveying - Telecommunications
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EAST PROVIDENCE, 02914
PH: (401) 354-2403
FAX: (401) 633-6354

SITE NO: 4DE7174A

SITE NAME: B0174/10 FAWCETT STREET

ADDRESS: 10 FAWCETT STREET
CAMBRIDGE, MA 02138

VIEW #3
PROPOSED VIEW FROM THE NORTH,
ON FAWCETT STREET

PAGE: V-3P

DATE: 4/12/2019

DRAWN BY: MR

REVISION: 1

July 23, 2019

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: 10 Fawcett Street
Assessor's Map 267F, Lot 301 (the "Property")
Applicant: T-Mobile Northeast LLC (the "Applicant")

Dear Honorable Members of the Board of Zoning Appeals:

This firm represents T-Mobile Northeast LLC ("T-Mobile") (hereinafter, the "Applicant") in connection with an application for a special permit from the City of Cambridge Board of Zoning Appeals (the "Board"), to modify an existing wireless communications facility on the Property.

In connection with the above-referenced matter, enclosed please find a check in the amount of five hundred dollars and 00 cents (\$500.00) made payable to the City of Cambridge. If you have any questions or concerns with this matter, please feel free to contact me directly.

Sincerely,



Adam F. Braillard, Esq.
Direct: 617-456-8153
Email: abraillard@princelobel.com

Prince Lobel Tye LLP
One International Place
Suite 3700
Boston, MA 02110
TEL: 617 456 8000
FAX: 617 456 8100

www.princelobel.com

J. LEE ASSOCIATES

17537

| | | | | | |
|--------|------------|----------------------|-------------|----------|--------------|
| Vendor | 1045 | City of Cambridge | Check 17537 | 05/21/19 | |
| Trx No | Invoice No | Inv Date Description | Gross | Discount | Check Amount |
| 8843 | | 05/21/19 | 500.00 | | 500.00 |
| | | | 500.00 | | 500.00 |

THE REVERSE SIDE OF THIS DOCUMENT INCLUDES MICROPRINTED ENDORSEMENT LINES AND ARTIFICIAL WATERMARK - HOLD AT AN ANGLE TO VIEW



420 NORTHBORO ROAD CENTRAL
MARLBOROUGH, MA 01752
508-597-1330

PEOPLE'S UNITED
51-7218/2211

17537

CHECK NO.
17537

*****FIVE HUNDRED DOLLARS AND 00 CENTS*****

DATE

AMOUNT

05/21/19

*****500.00

CITY OF CAMBRIDGE

PAY
TO THE
ORDER
OF

AUTHORIZED SIGNATURE

MEMO: 4DE7174A Zonng Application



⑈017537⑈ ⑆221172186⑆ 0035409261⑈

**APPLICATION FOR RELIEF UNDER
SECTION 6409(a) OF THE SPECTRUM ACT
OR FOR SPECIAL PERMIT
For a Modification to a
WIRELESS COMMUNICATION FACILITY**

T-Mobile Northeast LLC

**c/o Adam F. Braillard, Esq.
Prince Lobel Tye LLP
One International Place, Suite 3700
Boston, MA 02110**

Applicant

**Property Location:
10 Fawcett Street
Cambridge, MA 02139
Map 267F, Lot 301**

**Prepared by: Adam F. Braillard, Esq.
Prince Lobel Tye LLP
One International Place, Suite 3700
Boston, MA 02110
Telephone: (617) 456-8153
Facsimile: (617) 456-8100**

July 23, 2019

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APPLICATION TO THE BOARD OF ZONING APPEALS For Relief under Section 6409 of the Spectrum Act Or For a Special Permit for a WIRELESS COMMUNICATION FACILITY

Property located at:

**10 Fawcett Street
Cambridge, MA 02139**

Map 267F, Lot 301

| | |
|--|-------|
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| Zoning Supporting Statement | Tab 2 |
| Plans | Tab 3 |
| Photograph Simulations | Tab 4 |
| FCC License | Tab 5 |
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1

BZA APPLICATION FORM

CHECK LIST

PROPERTY LOCATION: 10 Fawcett Street DATE: 7/23/19
PETITIONER OR REPRESENTATIVE: Adam F. Brillard Esq. for T-Mobile Northeast LLC
ADDRESS & PHONE: One International Place, Suite 3700, Boston, MA 02110
BLOCK: 267F LOT: 301

PLEASE CHECK THAT YOU HAVE INCLUDED THE FOLLOWING WITH YOUR APPLICATION. APPLICATIONS WILL NOT BE ACCEPTED FOR PROCESSING & SCHEDULING UNLESS ALL REQUIRED DOCUMENTS ARE PROVIDED.

PLEASE INCLUDE THIS CHECKLIST WITH YOUR APPLICATION.
ALL DOCUMENTS ARE TO BE TYPED OR WRITTEN LEGIBLY.

| <u>DOCUMENTS</u> | <u>REQUIRED</u> | <u>ENCLOSED</u> |
|---|-----------------|-----------------|
| Application Form | <u>X</u> | <u>X</u> |
| 3 Forms with Original Signatures | | |
| Supporting Statements - Scanned & 1 set to Zoning | <u>X</u> | <u>X</u> |
| Application Fee (You will receive invoice online) | <u>X</u> | <u>X</u> |
| Assessor's GIS "Block Map" (Available on line or At Engineering Dept. - 147 Hampshire Street) | <u>X</u> | <u>X</u> |
| Dimensional Form - Refer to Cambridge Zoning Ordinance - Scanned & 1 set to Zoning (Subject to further review by Zoning Specialist) | <u>X</u> | <u>X</u> |
| Ownership Certificate, Notarized - Scanned & 1 set to Zoning | <u>X</u> | <u>X</u> |
| Floor Plans - Scanned & 1 set to Zoning | <u>X</u> | <u>X</u> |
| Elevations - Scanned & 1 set to Zoning | <u>X</u> | <u>X</u> |
| Certified Plot Plan - Scanned & 1 set to Zoning (By Registered Land Surveyor) | <u>N/A</u> | <u>N/A</u> |
| Photographs of Property - Scanned & 1 set to Zoning | <u>X</u> | <u>X</u> |
| Parking Plan (if relevant to your application) Scanned & 1 set to Zoning | <u>N/A</u> | <u>N/A</u> |
| <u>FOR SUBDIVISION ALSO INCLUDE:</u> Scanned & 1 set to Zoning | | |
| Proposed Deeds | <u>N/A</u> | <u>N/A</u> |
| Evidence of Separate Utilities ** | <u>N/A</u> | <u>N/A</u> |
| Proposed Subdivision Plan | <u>N/A</u> | <u>N/A</u> |

Petitioners are advised to refer to Attachment A (Procedures for applying to the Board of Zoning Appeal) & consult zoning staff for review.
It is advisable for the Petitioner to discuss the petition with the abutters as listed in the Zoning BZA Case file.

* For Special Permits under Art. 4.32.G.1 (Communication Towers and Antennas), include a photo simulation.

** Can be submitted after subdivision has been approved.

BZA APPLICATION FORM

GENERAL INFORMATION

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

Special Permit: ☒ Variance: _____ Appeal: _____

and relief pursuant to Section 6409 of the Middle Class Tax Relief Act

PETITIONER: T-Mobile Northeast LLC

PETITIONER'S ADDRESS: Prince Lobel Tye, LLP, Attn. Adam F. Brailard, Esq. One International Place, Suite 3700, Boston, MA

LOCATION OF PROPERTY: 10 Fawcett Street

TYPE OF OCCUPANCY: Telecommunications ZONING DISTRICT: O-2

REASON FOR PETITION:

| | |
|---|--|
| <input type="checkbox"/> Additions | <input type="checkbox"/> New Structure |
| <input type="checkbox"/> Change in Use/Occupancy | <input type="checkbox"/> Parking |
| <input type="checkbox"/> Conversion to Addi'l Dwelling Unit's | <input type="checkbox"/> Sign |
| <input type="checkbox"/> Dormer | <input type="checkbox"/> Subdivision |
| <input checked="" type="checkbox"/> Other: Section 6409(a) of the Spectrum Act relief for Special Permit for the collocation of a Wireless Facility | |

DESCRIPTION OF PETITIONER'S PROPOSAL:

The Applicant proposes to modify its existing wireless facility currently operating on the penthouse facade of the Building by replacing three (3) panel antennas, with three (3) like kind panel antennas, and by replacing three (3) remote radio units (RRUs) with three (3) like kind RRUs. All visible replaced antennas and supporting equipment will be painted to match the building. 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 4.00 Section 4.32 (g)(1) Utilities - Telephone Exchange

Article 10.00 Section 10.4 - Special Permit

Article 6409 Section Middle Class Tax Relief Act

Applicants for a **Variance** must complete Pages 1-5

Applicants for a **Special Permit** must complete Pages 1-4 and 6

Applicants for an **Appeal** to the BZA of a Zoning determination by the Inspectional Services Department must attach a statement concerning the reasons for the appeal

Original Signature(s):


(Petitioner(s)/Owner)

Adam F. Brailard, Esq.

(Print Name)

Address: One International Place, Suite 3700

Boston, MA 02110

Tel. No.: 617-456-8153

E-Mail Address: abraillard@princelobel.com

Date: July 23, 2019

BZA APPLICATION FORM - OWNERSHIP INFORMATION

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

I/We 10 Fawcett Investors LLC
(OWNER)
Address: c/o Davis Management Company, 125 High St, Suite 211
Boston, MA 02110

State that I/We own the property located at Massachusetts,
which is the subject of this zoning application.

The record title of this property is in the name of 10 Fawcett
Investors, LLC

*Pursuant to a deed of duly recorded in the date 9/12/18, Middlesex South
County Registry of Deeds at Book 71109, Page 3712; or
Middlesex Registry District of Land Court, Certificate No. _____
Book _____ Page _____

10 Fawcett Investors, LLC

[Signature]
SIGNATURE BY LAND OWNER OR
AUTHORIZED TRUSTEE, OFFICER OR AGENT*

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

Commonwealth of Massachusetts, County of Suffolk

The above-name Larry Lenrow personally appeared before me,
this 19th of July, 2019, and made oath that the above statement is true.

[Signature] Notary

My commission expires February 6, 2020 (Notary Seal).

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

BZA APPLICATION FORM
DIMENSIONAL INFORMATION

APPLICANT: T-Mobile Northeast **PRESENT USE/OCCUPANCY:** Wireless Telecommunications

LOCATION: 10 Fawcett Street **ZONE:** O-2

PHONE: 617-456-8123 **REQUESTED USE/OCCUPANCY:** Wireless Telecommunications

| | | <u>EXISTING CONDITIONS</u> | <u>REQUESTED CONDITIONS</u> | <u>ORDINANCE REQUIREMENTS¹</u> |
|--|-------------------|---------------------------------------|--|--|
| <u>TOTAL GROSS FLOOR AREA:</u> | | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (max.) |
| <u>LOT AREA:</u> | | <u>N/A</u> | | <u>N/A</u> (min.) |
| <u>RATIO OF GROSS FLOOR AREA TO LOT AREA:²</u> | | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (max.) |
| <u>LOT AREA FOR EACH DWELLING UNIT:</u> | | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (min.) |
| <u>SIZE OF LOT:</u> | <u>WIDTH</u> | <u>N/A</u> | | <u>N/A</u> (min.) |
| | <u>DEPTH</u> | | | |
| <u>Setbacks in Feet:</u> | <u>FRONT</u> | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (min.) |
| | <u>REAR</u> | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (min.) |
| | <u>LEFT SIDE</u> | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (min.) |
| | <u>RIGHT SIDE</u> | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (min.) |
| <u>SIZE OF BLDG.:</u> | <u>HEIGHT</u> | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (max.) |
| | <u>LENGTH</u> | | | |
| | <u>WIDTH</u> | | | |
| <u>RATIO OF USABLE OPEN SPACE TO LOT AREA:³</u> | | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (min.) |
| <u>NO. OF DWELLING UNITS:</u> | | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (max.) |
| <u>NO. OF PARKING SPACES:</u> | | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (min./max) |
| <u>NO. OF LOADING AREAS:</u> | | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (min.) |
| <u>DISTANCE TO NEAREST BLDG. ON SAME LOT:</u> | | <u>N/A</u> | <u>No Change</u> | <u>N/A</u> (min.) |

Describe where applicable, other occupancies on 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.
3. OPEN SPACE SHALL NOT INCLUDE PARKING AREAS, WALKWAYS OR DRIVEWAYS AND SHALL HAVE A MINIMUM DIMENSION OF 15'.

BZA APPLICATION FORM

SUPPORTING STATEMENT FOR A VARIANCE

EACH OF THE FOLLOWING REQUIREMENTS FOR A VARIANCE MUST BE ESTABLISHED AND SET FORTH IN COMPLETE DETAIL BY THE APPLICANT IN ACCORDANCE WITH MGL 40A, SECTION 10:

- A)** A Literal enforcement of the provisions of this Ordinance would involve a substantial hardship, financial or otherwise, to the petitioner or appellant for the following reasons:

N/A

- B)** The hardship is owing to the following circumstances relating to the soil conditions, shape or topography of such land or structures and especially affecting such land or structures but not affecting generally the zoning district in which it is located for the following reasons:

N/A

- C) DESIRABLE RELIEF MAY BE GRANTED WITHOUT EITHER:**

- 1)** Substantial detriment to the public good for the following reasons:

N/A

- 2)** Relief may be granted without nullifying or substantially derogating from the intent or purpose of this Ordinance for the following reasons:

N/A

- *** If You have any questions as to whether you can establish all of the applicable legal requirements, you should consult with your own attorney.

BZA APPLICATION FORM

SUPPORTING STATEMENT FOR A SPECIAL PERMIT

Please describe in complete detail how you meet each of the following criteria referring to the property and proposed changes or uses which are requested in your application. Attach sheets with additional information for special permits which have additional criteria, e.g.; fast food permits, comprehensive permits, etc., which must be met.

Granting the Special Permit requested for 10 Fawcett Street (location) would not be a detriment to the public interest because:

- A) Requirements of the Ordinance can or will be met for the following reasons:

Please see the attached supporting statement.

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

Please see the attached supporting statement.

- C) 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:

Please see the attached supporting statement.

- D) 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:

Please see the attached supporting statement.

- E) For other reasons, the proposed use would 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:

2

July 23, 2019

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: 10 Fawcett Street
Assessor's Map 267F, Lot 301 (the "Property")
Applicant: T-Mobile Northeast LLC (the "Applicant")

Dear Honorable Members of the Board of Zoning Appeals:

This firm represents T-Mobile Northeast LLC ("T-Mobile") (hereinafter, the "Applicant") in connection with an application for a special permit 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 Office 2 (O-2) zoning district. 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 Board¹. 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 on the Eligible Facilities Request permit application form attached hereto and incorporated herein by reference (the "EFR").

¹ 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.

Prince Lobel Tye LLP
One International Place
Suite 3700
Boston, MA 02110
TEL: 617 456 8000
FAX: 617 456 8100

www.princelobel.com

The Applicant seeks to modify its existing wireless communications facility by replacing three (3) panel antennas mounted to the façades of the existing penthouse on the building located at the Property (the "Building"), with three (3) like kind panel antennas, and replacing three (3) Remote Radio Head Units ("RRU") and supporting equipment (the "Proposed Facility"). All of the proposed replacement antennas will be painted to match the existing building. The Applicant's facilities are 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

As noted above, the Applicant proposes to modify its existing wireless facility currently operating on the rooftop of the Building by replacing three (3) panel antennas, façade mounted to the penthouse of the existing Building, and by replacing three (3) RRU antennas with three (3) like kind RRUs. All visible antennas will be painted to match the Building. All replacement antennas will be installed to be consistent with the previous decisions of the Board and from the City of Cambridge Planning Board for this facility, the first of which is dated December 1, 1997 (Case No. PB #27, Major Amendment #2) (the "Original Decision"), a second decision dated January 3, 2013 (Case No. 10333) (the "2nd Decision"), and a third decision dated September 29, 2016 (Case No. BZA-011007-2016) (the "3rd Decision") (together, the Original Decision, the 2nd Decision and the 3rd Decision shall hereafter be referred to as the "Decisions"). Consequently, the visual change to the Applicant's existing facility will be de minimus.

After installation, the Proposed Facility will be unmanned and will only require twice a month maintenance visits per carrier. The only utilities required to operate this Proposed Facility are standard 120-volt electrical power as well as telephone service. These are presently in place at the Property. The traffic generated by the Proposed Facility will be approximately two vehicle trips per month by maintenance personnel who will inspect the Proposed Facility to ensure it remains in good working order. 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 O-2 zoning 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 remedy existing gaps in reliable network coverage, or gaps that result from increasing subscriber voice and data traffic beyond the limits of existing network infrastructure. A carrier's failure to remedy network gaps in a timely fashion can result in a significant loss of subscribers to competing telecommunications carriers.

T-Mobile investigated alternative sites in and around the defined geographic area within which its engineers determined that a facility must be located to fill the gap in service coverage and to function effectively within its network of existing and planned facilities. This is an existing location that is being upgraded with new technology to provide the necessary coverage to the subject area of the City of Cambridge. Therefore, the Proposed Facility in the O-2 zoning district is necessary to close the coverage gap that is illustrated on the propagation maps submitted herewith. Consequently, T-Mobile is unable to close a gap in its wireless network without obtaining the requested relief under Section 6409 of the Spectrum act or a Special Permit to modify its existing wireless facility in the O-2 zoning district.

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 has no additional visual impact on the existing facility and Building. The Proposed Facility will be installed entirely within the existing faux chimney and as such will have no change on the existing visual conditions of the Building.

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.**

This is not applicable to the Proposed Facility. The Applicant proposes to install its facility within the O-2 zoning district.

B. The Applicant complies with the Special Permit Criteria set forth in Section 10-43 of the Ordinance²:

1. The requirements of the Ordinance can be met:

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.

² 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.

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 O-2 zoning districts.

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 'A F Braillard', written over a horizontal line.

Adam F. Braillard, Esq.

Direct: 617-456-8153

Email: abraillard@princelobel.com

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| PROJECT INFORMATION | | SITE NUMBER: 4DE7174A SITE NAME: BO174/10 FAWCETT STREET 10 FAWCETT STREET CAMBRIDGE, MA 02138 MIDDLESEX COUNTY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCOPE OF WORK: UNMANNED TELECOMMUNICATIONS FACILITY MODIFICATIONS SITE ADDRESS: 10 FAWCETT STREET CAMBRIDGE, MA 02138 LATITUDE: 42° 23' 21.4" N LONGITUDE: 71° 08' 43.3" W JURISDICTION: NATIONAL, STATE & LOCAL CODES OR ORDINANCES CURRENT USE: TELECOMMUNICATIONS FACILITY PROPOSED USE: TELECOMMUNICATIONS FACILITY PROJECT TYPE: L700 4x2 DESIGN GUIDELINE: 4Sec-67D92DBS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAWING INDEX | | REV | LOCUS MAP | | GENERAL NOTES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T-1 TITLE SHEET | | 2 |  | | 1. THIS DOCUMENT IS THE CREATION, DESIGN, PROPERTY AND COPYRIGHTED WORK OF T-MOBILE NORTHEAST, LLC. ANY DUPLICATION OR USE WITHOUT EXPRESS WRITTEN CONSENT IS STRICTLY PROHIBITED. DUPLICATION AND USE BY GOVERNMENT AGENCIES FOR THE PURPOSES OF CONDUCTING THEIR LAWFULLY AUTHORIZED REGULATORY AND ADMINISTRATIVE FUNCTIONS IS SPECIFICALLY ALLOWED. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GN-1 GENERAL NOTES | | 2 | | | 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A-1 ROOF & EQUIPMENT PLANS | | 2 | | | 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A-2 ELEVATION | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A-3 ANTENNA PLANS | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S-1 STRUCTURAL DETAILS | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S-2 STRUCTURAL DETAILS | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G-1 GROUNDING, ONE-LINE DIAGRAM & DETAILS | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIGNATURES | | | <div> DIG SAFE SYSTEM, INC.  CALL BEFORE YOU DIG CALL TOLL FREE: 811 OR 888-DIG-SAFE</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONSTRUCTION DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RF ENGINEERING DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZONING / SITE ACQ. DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OPERATIONS DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LANDLORD DATE | | | UNDERGROUND SERVICE ALERT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | |  | | SITE NUMBER: 4DE7174A SITE NAME: BO174/10 FAWCETT STREET 10 FAWCETT STREET CAMBRIDGE, MA 02138 MIDDLESEX COUNTY | | T-MOBILE NORTHEAST LLC 15 COMMERCE WAY, SUITE B NORTON, MA 02766 OFFICE: (508) 286-2700 FAX: (508) 286-2893 | | <table><tr><td>NO.</td><td>DATE</td><td>REVISIONS</td><td>BY</td><td>CHK</td></tr><tr><td>0</td><td>09/27/18</td><td>ISSUED FOR REVIEW</td><td>MER</td><td>MRC</td></tr><tr><td>1</td><td>10/11/18</td><td>ISSUED FOR CONSTRUCTION</td><td>MER</td><td>MRC</td></tr><tr><td>2</td><td>11/19/18</td><td>REVISED</td><td>MER</td><td>MRC</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table> | | NO. | DATE | REVISIONS | BY | CHK | 0 | 09/27/18 | ISSUED FOR REVIEW | MER | MRC | 1 | 10/11/18 | ISSUED FOR CONSTRUCTION | MER | MRC | 2 | 11/19/18 | REVISED | MER | MRC | | | | | | | | | | | | | | | | TITLE SHEET SHEET NO. T-1 | |
| NO. | DATE | REVISIONS | BY | CHK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 09/27/18 | ISSUED FOR REVIEW | MER | MRC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 2 | 11/19/18 | REVISED | MER | MRC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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GENERAL NOTES

1. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK. THE WORK PERFORMED ON THE PROJECT AND THE MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
2. THE ARCHITECT/ENGINEER HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. THE CONTRACTOR BIDDING THE JOB IS NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.
3. THE CONTRACTOR OR BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE LESSEE/LICENSEE REPRESENTATIVE OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO THE SUBMISSION OF CONTRACTOR'S PROPOSAL OR PERFORMANCE OF WORK. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED IN WRITING OTHERWISE.
4. THE SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR AND ALL OTHER MATERIALS AND LABOR DEEMED NECESSARY TO COMPLETE THE WORK/PROJECT AS DESCRIBED HEREIN.
5. THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO THE SUBMISSION OF BIDS OR PERFORMING WORK TO FAMILIARIZE HIMSELF WITH THE FIELD CONDITIONS AND TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
6. THE CONTRACTOR SHALL OBTAIN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS / CONTRACT DOCUMENTS.
7. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO THE MANUFACTURER'S / VENDOR'S SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
8. THE CONTRACTOR SHALL PROVIDE A FULL SET OF CONSTRUCTION DOCUMENTS AT THE SITE UPDATED WITH THE LATEST REVISIONS AND ADDENDUMS OR CLARIFICATIONS AVAILABLE FOR THE USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.
9. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY CONSTRUCTION CONTROL SURVEYS, ESTABLISHING AND MAINTAINING ALL LINES AND GRADES REQUIRED TO CONSTRUCT ALL IMPROVEMENTS AS SHOWN HEREIN.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.
12. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
13. THE CONTRACTOR SHALL KEEP THE GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. PREMISES SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.

14. THE CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT.
15. THE CONTRACTOR SHALL NOTIFY THE LESSEE/LICENSEE REPRESENTATIVE WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DOCUMENTS. THE CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE WORK THAT IS IN CONFLICT UNTIL CONFLICT IS RESOLVED BY THE LESSEE/LICENSEE REPRESENTATIVE.
16. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC. ON THE JOB.
17. ALL UNDERGROUND UTILITY INFORMATION WAS DETERMINED FROM SURFACE INVESTIGATIONS AND EXISTING PLANS OF RECORD. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO ANY SITE WORK. CALL THE FOLLOWING FOR ALL PRE-CONSTRUCTION NOTIFICATION 72-HOURS PRIOR TO ANY EXCAVATION ACTIVITY: DIG SAFE SYSTEM (MA, ME, NH, RI, VT): 1-888-344-7233 CALL BEFORE YOU DIG (CT): 1-800-922-4455
18. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY CONSTRUCTION CONTROL SURVEYS AND MAINTAINING ALL LINES AND GRADES REQUIRED TO CONSTRUCT ALL IMPROVEMENTS SHOWN HEREIN.
19. ALL DIMENSIONS SHOWN THUS ± ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WHICH EFFECT THE CONTRACTORS WORK. CONTRACTOR TO VERIFY ALL DIMENSIONS WITH PROJECT OWNER PRIOR TO CONSTRUCTION.
20. NORTH ARROW SHOWN ON PLANS REFERS TO APPROXIMATE TRUE NORTH. PRIOR TO THE START OF CONSTRUCTION, ORDERING OR FABRICATING OF ANTENNA MOUNTS, CONTRACTOR SHALL CONSULT WITH PROJECT OWNER'S RF ENGINEER AND FIELD VERIFY ALL ANTENNA SECTOR LOCATIONS AND ANTENNA AZIMUTHS.
21. THE CONTRACTOR AND OR HIS SUB CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.
22. ANTENNA INSTALLATION SHALL BE CONDUCTED BY FIELD CREWS EXPERIENCED IN THE ASSEMBLY AND ERECTION OF RADIO ANTENNAS, TRANSMISSION LINES AND SUPPORT STRUCTURES.
23. COAXIAL CABLE CONNECTORS AND TRANSMITTER EQUIPMENT SHALL BE PROVIDED BY THE PROJECT OWNER AND IS NOT INCLUDED IN THESE CONSTRUCTION DOCUMENTS. A SCHEDULE OF PROJECT OWNER SUPPLIED MATERIALS IS ATTACHED TO THE BID DOCUMENTS (SEE EXHIBIT 3). ALL OTHER HARDWARE TO BE PROVIDED BY THE CONTRACTOR. CONNECTION HARDWARE SHALL BE STAINLESS STEEL.
24. WHEN "PAINT TO MATCH" IS SPECIFIED FOR ANTENNA CONCEALMENT, PAINT PRODUCT FOR ANTENNA RADOME SHALL BE SHERWIN WILLIAMS COROTHANE II SURFACE PREPARATION AND APPLICATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND PROJECT OWNER'S GUIDELINES.
25. COORDINATION, LAYOUT, AND FURNISHING OF CONDUIT, CABLE AND ALL APPURTENANCES REQUIRED FOR PROPER INSTALLATION OF ELECTRICAL AND TELECOMMUNICATION SERVICE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
26. ALL UTILITY WORK SHALL BE IN ACCORDANCE WITH LOCAL UTILITY COMPANY REQUIREMENTS AND SPECIFICATIONS.
27. ALL (E)ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY ENGINEERS. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR PIER DRILLING AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW.

28. ALL (E)INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF UTILITY COMPANY ENGINEERING. THE AREAS OF THE PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE EQUIPMENT, DRIVEWAY OR
29. GRAVEL SHALL BE GRADED TO A UNIFORM SLOPE, FERTILIZED, SEEDED AND COVERED WITH MULCH UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN SOIL EROSION AND SEDIMENTATION CONTROLS AT ALL TIMES
30. DURING CONSTRUCTION, PER FCC MANDATE, ENHANCED EMERGENCY (E911) SERVICE IS REQUIRED TO MEET NATIONWIDE STANDARDS
31. FOR WIRELESS COMMUNICATIONS SYSTEMS, PROJECT OWNER'S IMPLEMENTATION REQUIRES DEPLOYMENT OF EQUIPMENT AND ANTENNAS GENERALLY DEPICTED ON THIS PLAN, ATTACHED TO OR MOUNTED IN CLOSE PROXIMITY TO THE BTS RADIO CABINETS. PROJECT OWNER RESERVES THE RIGHT TO MAKE REASONABLE MODIFICATIONS TO E911 EQUIPMENT AND LOCATION AS TECHNOLOGY EVOLVES TO MEET REQUIRED SPECIFICATIONS.
32. 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, NINTH EDITION;
- TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-G, 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.

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:
MASSACHUSETTS STATE BUILDING CODE 780 CMR, 9TH EDITION
ELECTRICAL CODE: MASSACHUSETTS 527 CMR 12.00 (NEC 2017)
NFPA 780, 2017

ELECTRICAL AND GROUNDING NOTES

1. ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AS WELL AS APPLICABLE STATE AND LOCAL CODES.
2. ALL ELECTRICAL ITEMS SHALL BE U.L. APPROVED OR LISTED AND PROCURED PER SPECIFICATION REQUIREMENTS.
3. THE ELECTRICAL WORK INCLUDES ALL LABOR AND MATERIAL DESCRIBED BY DRAWINGS AND SPECIFICATION INCLUDING INCIDENTAL WORK TO PROVIDE COMPLETE OPERATING AND APPROVED ELECTRICAL SYSTEM.
4. GENERAL CONTRACTOR SHALL PAY FEES FOR PERMITS, AND IS RESPONSIBLE FOR OBTAINING SAID PERMITS AND COORDINATION OF INSPECTIONS.
5. ELECTRICAL AND TELCO WIRING OUTSIDE A BUILDING AND EXPOSED TO WEATHER SHALL BE IN WATER TIGHT GALVANIZED RIGID STEEL CONDUITS OR SCHEDULE 80 PVC (AS PERMITTED BY CODE) AND WHERE REQUIRED IN LIQUID TIGHT FLEXIBLE METAL OR NONMETALLIC CONDUITS.
6. BURIED CONDUIT SHALL BE SCHEDULE 40 PVC.
7. ELECTRICAL WIRING SHALL BE COPPER WITH TYPE XHHW, THWN, OR THHN INSULATION.
8. RUN ELECTRICAL CONDUIT OR CABLE BETWEEN ELECTRICAL UTILITY DEMARCATION POINT AND PROJECT OWNER CELL SITE PPC AS INDICATED ON THIS DRAWING. PROVIDE FULL LENGTH PULL ROPE. COORDINATE INSTALLATION WITH UTILITY COMPANY.
9. RUN TELCO CONDUIT OR CABLE BETWEEN TELEPHONE UTILITY DEMARCATION POINT AND PROJECT OWNER CELL SITE TELCO CABINET AND BTS CABINET AS INDICATED ON THIS DRAWING. PROVIDE FULL LENGTH PULL ROPE AND GREENLEE CONDUIT MEASURING TAPE IN EACH INSTALLED TELCO CONDUIT.
10. WHERE CONDUIT BETWEEN BTS AND PROJECT OWNER CELL SITE PPC AND BETWEEN BTS AND PROJECT OWNER CELL SITE TELCO SERVICE CABINET ARE UNDERGROUND USE PVC, SCHEDULE 40 CONDUIT. ABOVE THE GROUND PORTION OF THESE CONDUITS SHALL BE PVC CONDUIT.
11. ALL EQUIPMENT LOCATED OUTSIDE SHALL HAVE NEMA 3R ENCLOSURE.
12. PPC SUPPLIED BY PROJECT OWNER.
13. GROUNDING SHALL COMPLY WITH NEC ART. 250.
14. GROUND COAXIAL CABLE SHIELDS MINIMUM AT BOTH ENDS USING MANUFACTURERS COAX CABLE GROUNDING KITS SUPPLIED BY PROJECT OWNER.

ADDITIONAL NOTE:
GROUNDING, BONDING AND LIGHTNING PROTECTION SHALL BE DONE IN ACCORDANCE WITH "T-MOBILE BTS SITE GROUNDING STANDARDS".

15. USE #6 COPPER STRANDED WIRE WITH GREEN COLOR INSULATION FOR ABOVE GRADE GROUNDING (UNLESS OTHERWISE SPECIFIED) AND #2 SOLID TINNED BARE COPPER WIRE FOR BELOW GRADE GROUNDING AS INDICATED ON THE DRAWING.
16. ALL GROUND CONNECTIONS TO BE BURNDY HYGROUND COMPRESSION TYPE CONNECTORS OR CADWELD EXOTHERMIC WELD. DO NOT ALLOW BARE COPPER WIRE TO BE IN CONTACT WITH GALVANIZED STEEL.
17. ROUTE GROUNDING CONDUCTORS ALONG THE SHORTEST AND STRAIGHTEST PATH POSSIBLE, EXCEPT AS OTHERWISE INDICATED. GROUNDING LEADS SHOULD NEVER BE BENT AT RIGHT ANGLE. ALWAYS MAKE AT LEAST 12" RADIUS BENDS. #6 WIRE CAN BE BENT AT 6" RADIUS WHEN NECESSARY. BOND ANY METAL OBJECTS WITHIN 6 FEET OF PROJECT OWNER EQUIPMENT OR CABINET TO MASTER GROUND BAR OR GROUNDING RING.
18. CONNECTIONS TO GROUND BARS SHALL BE MADE WITH TWO HOLE COMPRESSION TYPE COPPER LUGS. APPLY OXIDE INHIBITING COMPOUND TO ALL LOCATIONS.
19. BOND ANTENNA MOUNTING BRACKETS, COAXIAL CABLE GROUND KITS, AND ALMA TO EGB PLACED NEAR THE ANTENNA LOCATION.
20. APPLY OXIDE INHIBITING COMPOUND TO ALL COMPRESSION TYPE GROUND CONNECTIONS.
21. CONTRACTOR SHALL PROVIDE AND INSTALL OMNI DIRECTIONAL ELECTRONIC MARKER SYSTEM (EMS) BALLS OVER EACH GROUND ROD AND BONDING POINT BETWEEN EXISTING TOWER/ (E) MONOPOLE GROUNDING RING AND EQUIPMENT GROUNDING RING.
22. CONTRACTOR SHALL TEST COMPLETED GROUND SYSTEM AND RECORD RESULTS FOR PROJECT CLOSE-OUT DOCUMENTATION. 5 OHMS MAXIMUM RESISTANCE REQUIRED.
23. CONTRACTOR SHALL CONDUCT ANTENNA, COAX, AND LMA RETURN-LOSS AND DISTANCE- TO-FAULT MEASUREMENTS (SWEEP TESTS) AND RECORD RESULTS FOR PROJECT CLOSE OUT.



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 TRANSCIEVER STATION | (P) | PROPOSED/NEW | TBR | TO BE REMOVED |
| (E) | 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 | | |
| (F) | FUTURE | | | | |

EG ADVANCED
ENGINEERING GROUP, P.C.
Civil Engineering - Site Development - Surveying - Telecommunications
500 North Broadway
East Providence, RI 02914
Phone: (401) 354-2403
Fax: (401) 633-6354

J. LEE
ASSOCIATES
J. LEE ASSOCIATES
420 NORTHBORO ROAD CENTRAL
MARLBOROUGH, MA 01752

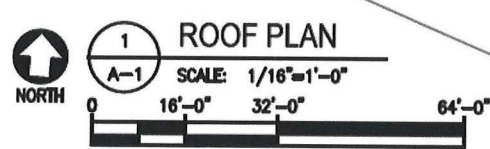
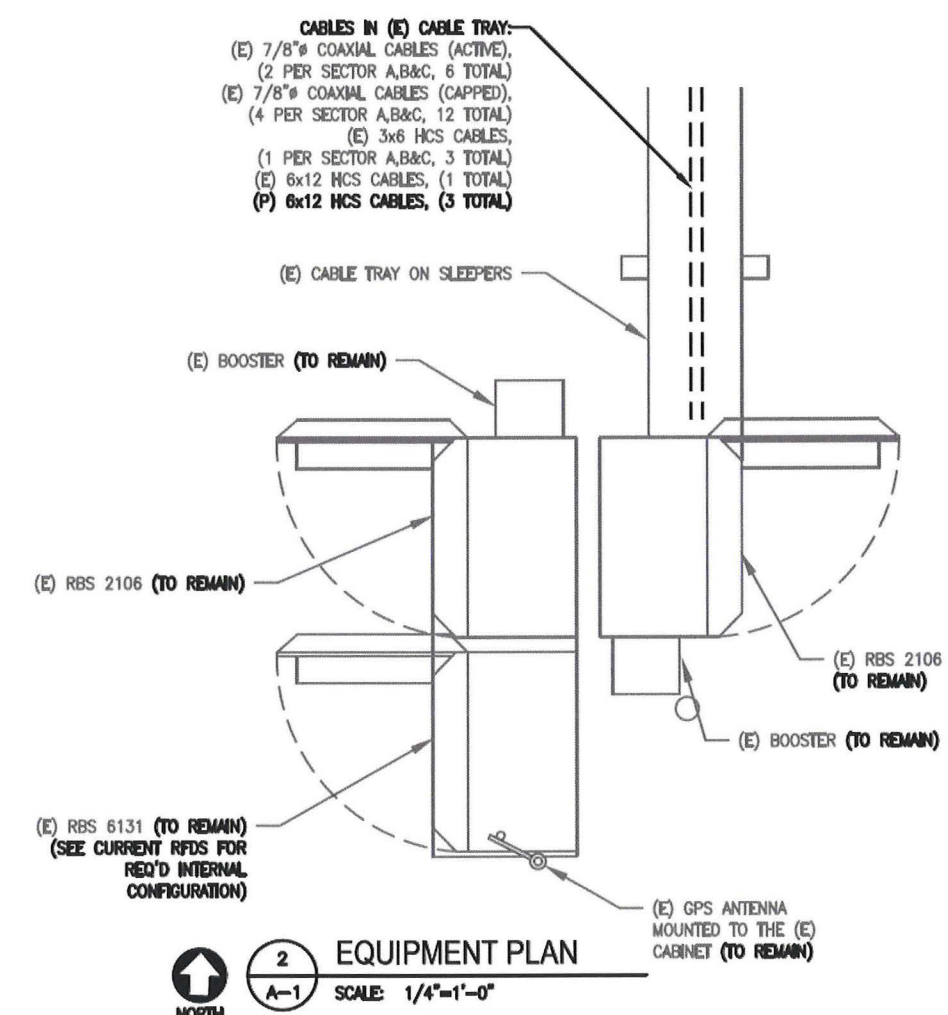
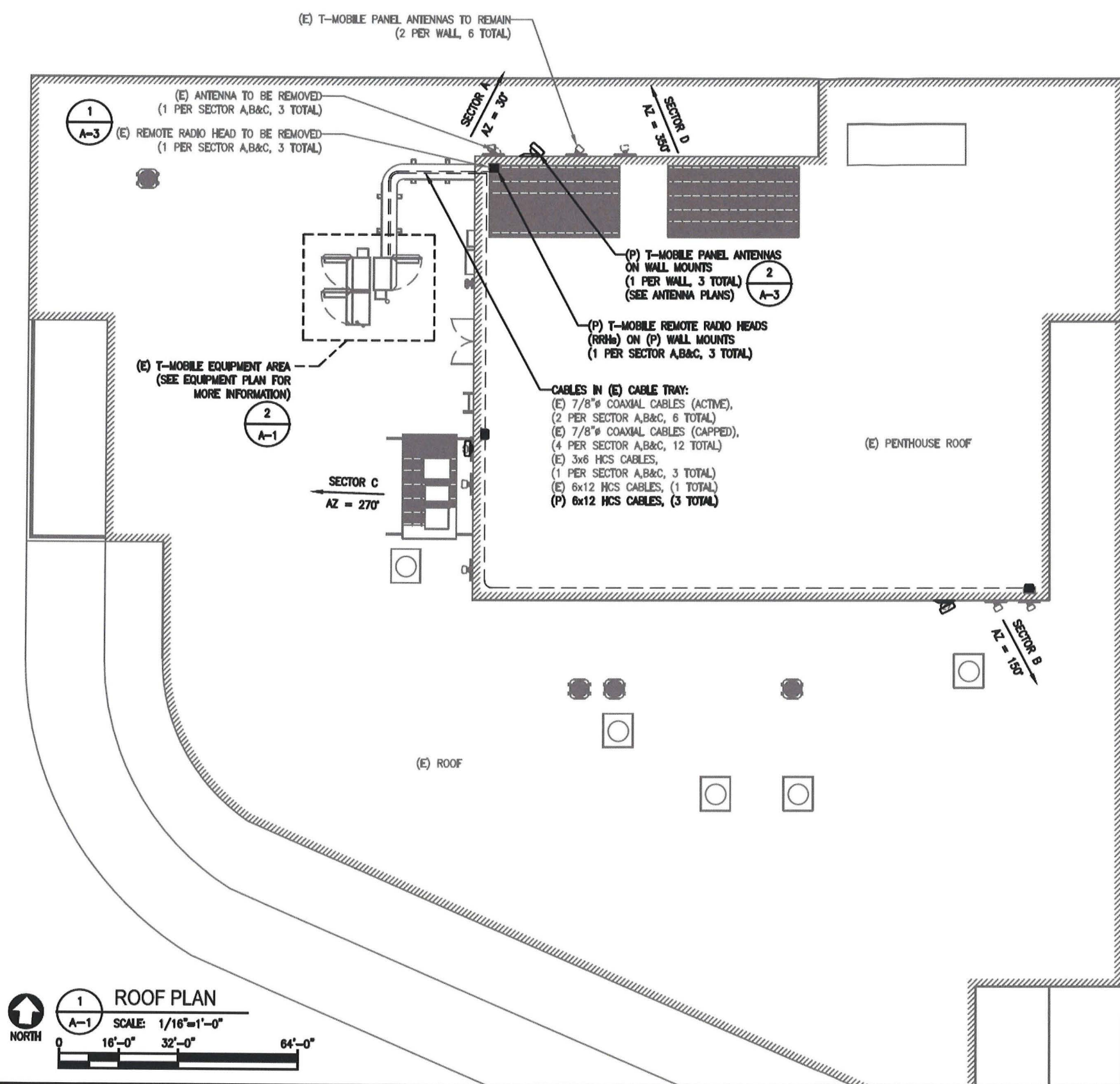
SITE NUMBER: 4DE7174A
SITE NAME: BO174/10 FAWCETT STREET
10 FAWCETT STREET
CAMBRIDGE, MA 02138
MIDDLESEX COUNTY

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

| NO. | DATE | REVISIONS | BY | CHK |
|-----|----------|-------------------------|-----|-----|
| 0 | 08/27/18 | ISSUED FOR REVIEW | MER | MRC |
| 1 | 10/11/18 | ISSUED FOR CONSTRUCTION | MER | MRC |
| 2 | 11/19/18 | REVISED | MER | MRC |
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| | | | | |
| | | | | |

GENERAL NOTES

SHEET NO. GN-1



ADVANCED
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 MARLBOROUGH, MA 01752

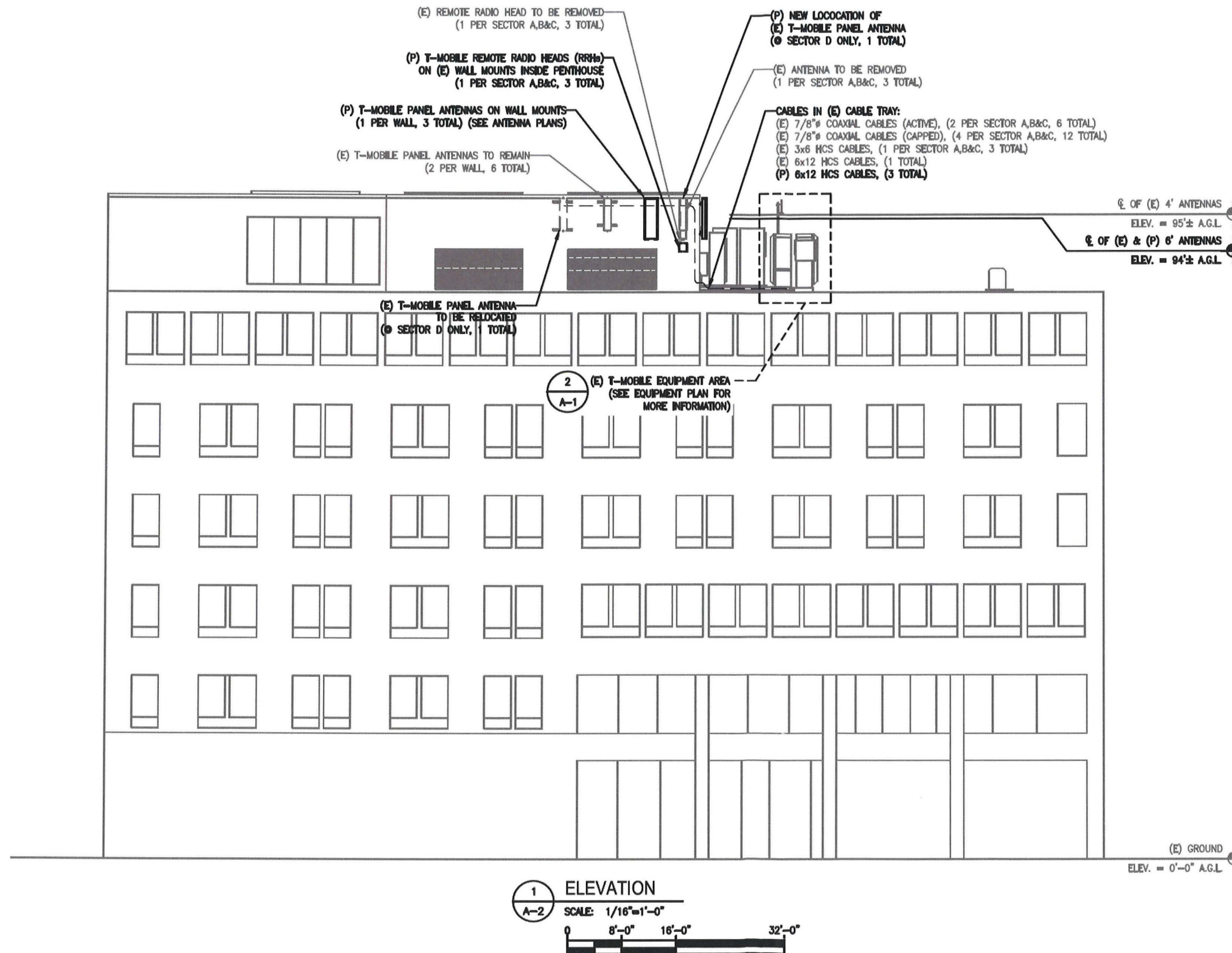
SITE NUMBER: 4DE7174A
SITE NAME: BO174/10 FAWCETT STREET
 10 FAWCETT STREET
 CAMBRIDGE, MA 02138
 MIDDLESEX COUNTY

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

| NO. | DATE | REVISIONS | BY | CHK |
|-----|----------|-------------------------|-----|-----|
| 0 | 09/27/18 | ISSUED FOR REVIEW | MER | MRC |
| 1 | 10/11/18 | ISSUED FOR CONSTRUCTION | MER | MRC |
| 2 | 11/19/18 | REVISED | MER | MRC |
| | | | | |
| | | | | |
| | | | | |

ROOF & EQUIPMENT PLANS

SHEET NO. **A-1**



EQUIPMENT SCHEDULE

CURRENT EQUIPMENT

| QUANTITY | DESCRIPTION |
|----------|----------------------------------|
| 2 | ERICSSON AIR21 B2A/B4P ANTENNAS |
| 4 | ERICSSON AIR32 B66A/B2A ANTENNAS |
| 2 | LNX-6514DS-A1M ANTENNAS |
| 1 | DBXNH-6565B-A2M ANTENNA |
| 3 | RRUS11 B12 (RRHs) |
| 3 | TWIN AWS TMA'S |
| 18 | 7/8" COAXIAL CABLES |
| 3 | 3x6 MCS CABLES |
| 1 | 6x12 MCS CABLE |
| 6 | #6 AWG DC CABLES |

EQUIPMENT TO BE REMOVED

| | |
|---|-------------------------|
| 2 | LNX-6514DS-A1M ANTENNAS |
| 1 | DBXNH-6565B-A2M ANTENNA |
| 3 | RRUS11 B12 (RRHs) |
| 6 | #6 AWG DC CABLES |

EQUIPMENT TO BE ADDED

| | |
|---|---|
| 3 | RFS APXVAARR18_43-U-NA20 PANEL ANTENNAS |
| 3 | 6x12 MCS CABLE |

FINAL EQUIPMENT CONFIGURATION

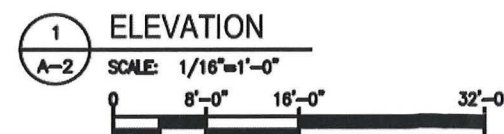
| | |
|---|---|
| 2 | ERICSSON AIR21 B2A/B4P ANTENNAS |
| 4 | ERICSSON AIR32 B66A/B2A ANTENNAS |
| 3 | RFS APXVAARR18_43-U-NA20 PANEL ANTENNAS |
| 3 | ERICSSON RADIO 4449 |
| 3 | TWIN AWS TMA'S |
| 6 | 7/8" COAXIAL CABLES |
| 3 | 3x6 MCS CABLES |
| 4 | 6x12 MCS CABLE |

EXISTING EQUIPMENT CABINETS WILL NOT CHANGE

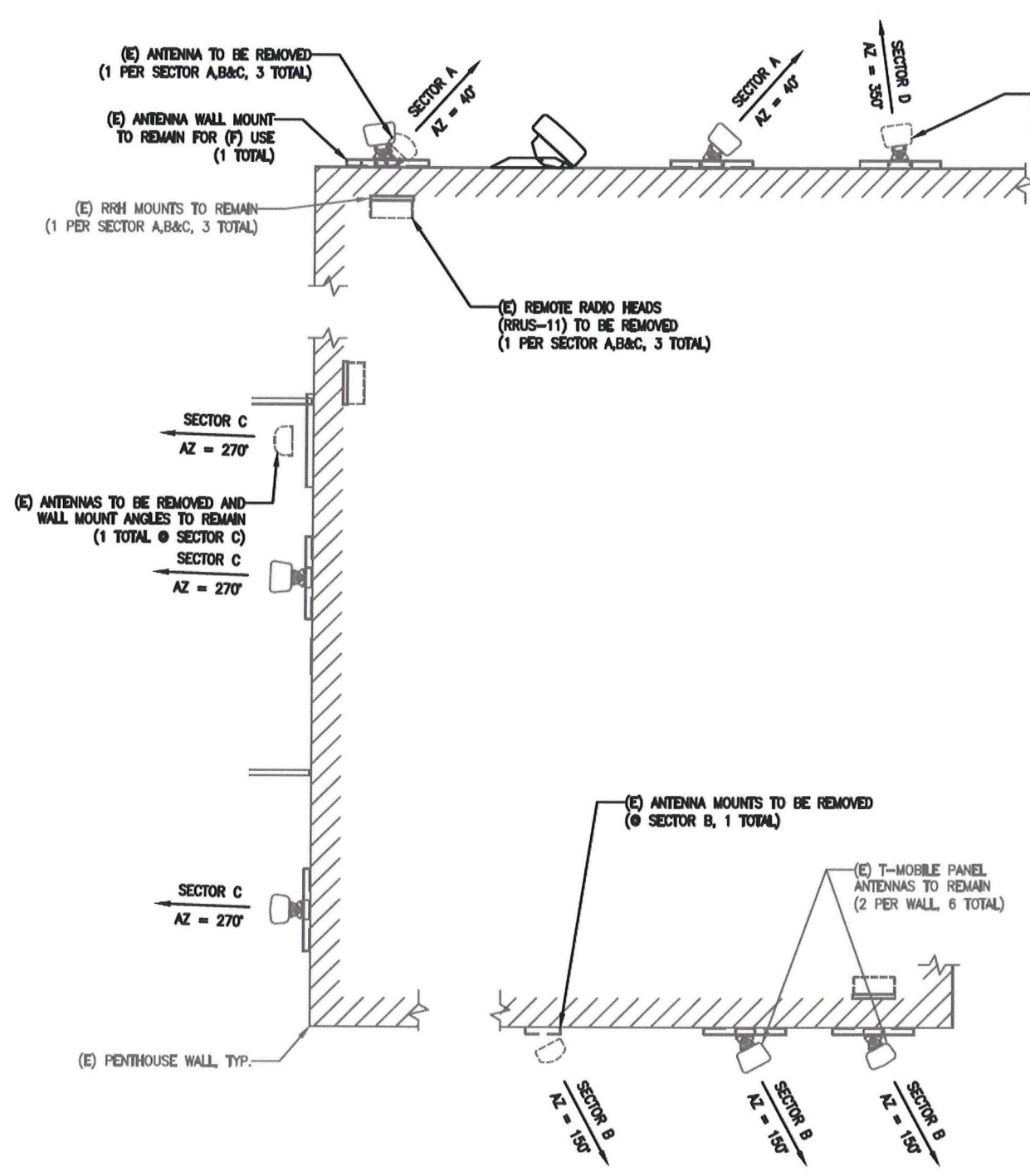
RF CONFIGURATION: 4Sec-67D92DBS

SCOPE OF WORK

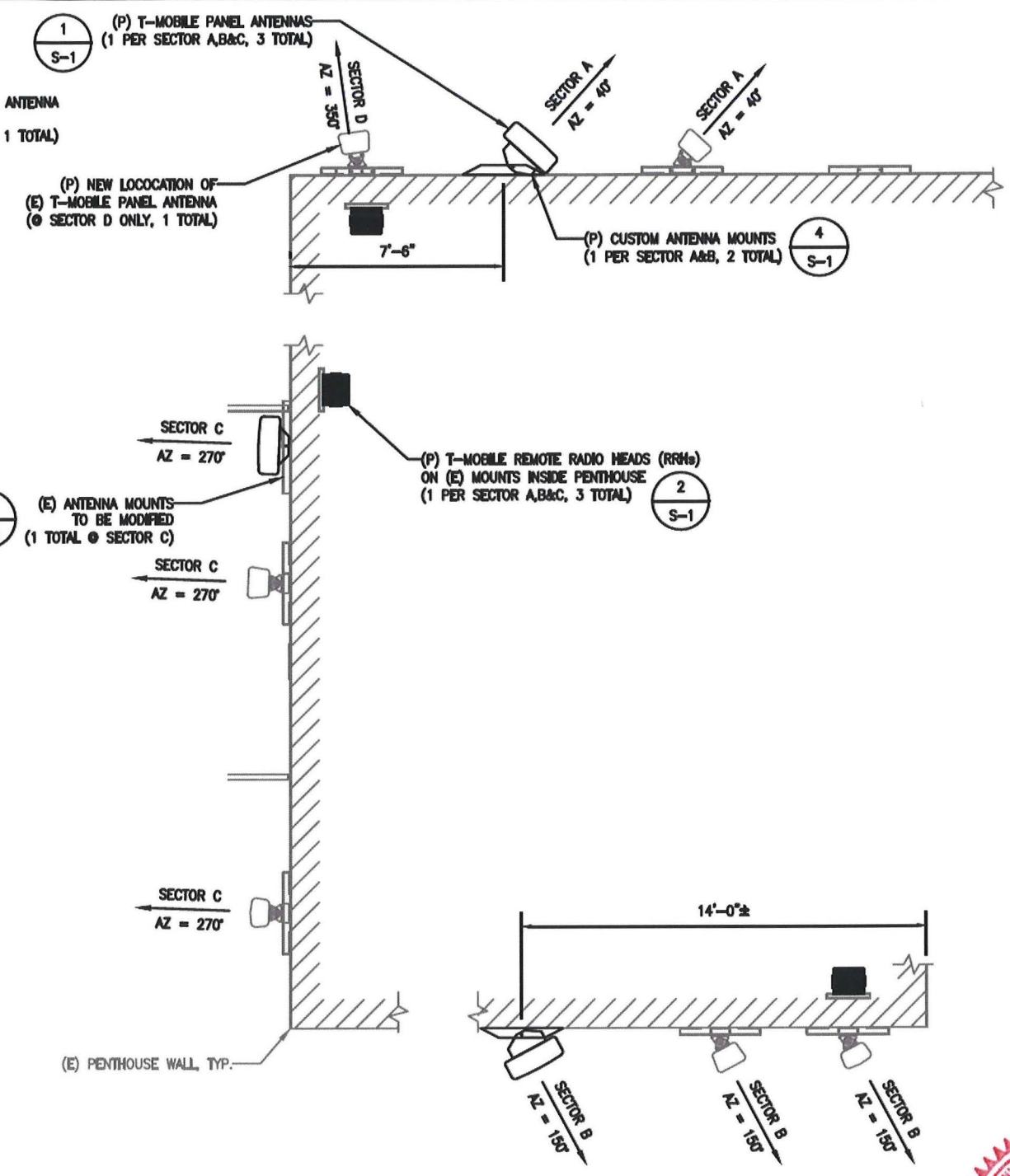
1. REMOVE (3) COMMSCOPE PANEL ANTENNAS
2. INSTALL (3) RFS PANEL ANTENNAS
3. REMOVE (3) RRHs (RRUS-11)
4. INSTALL (3) RRHs (RADIO 4449)
5. INSTALL (3) 6x12 MCS CABLES



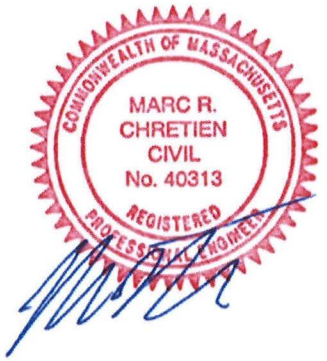
| NO. | DATE | REVISIONS | BY | CHK |
|-----|----------|-------------------------|-----|-----|
| 0 | 09/27/18 | ISSUED FOR REVIEW | MER | MRC |
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| | | | | |
| | | | | |

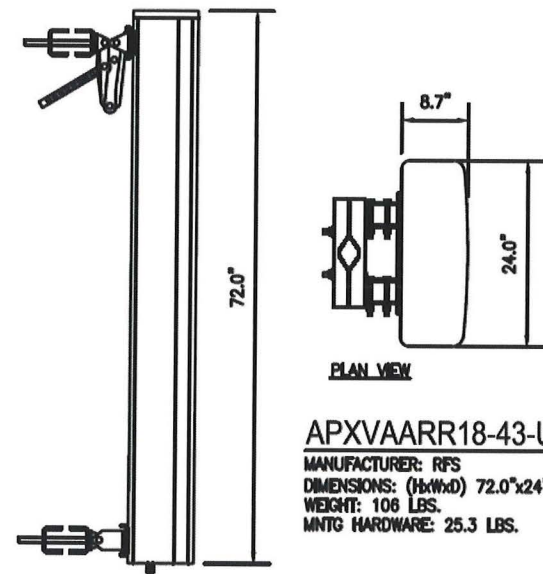


1
A-3
EXISTING ANTENNA PLAN
SCALE: 3/16"=1'-0"
0 2'-8" 5'-4" 10'-8"

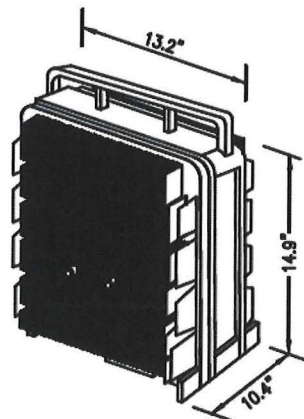


2
A-3
PROPOSED ANTENNA PLAN
SCALE: 3/16"=1'-0"
0 2'-8" 5'-4" 10'-8"

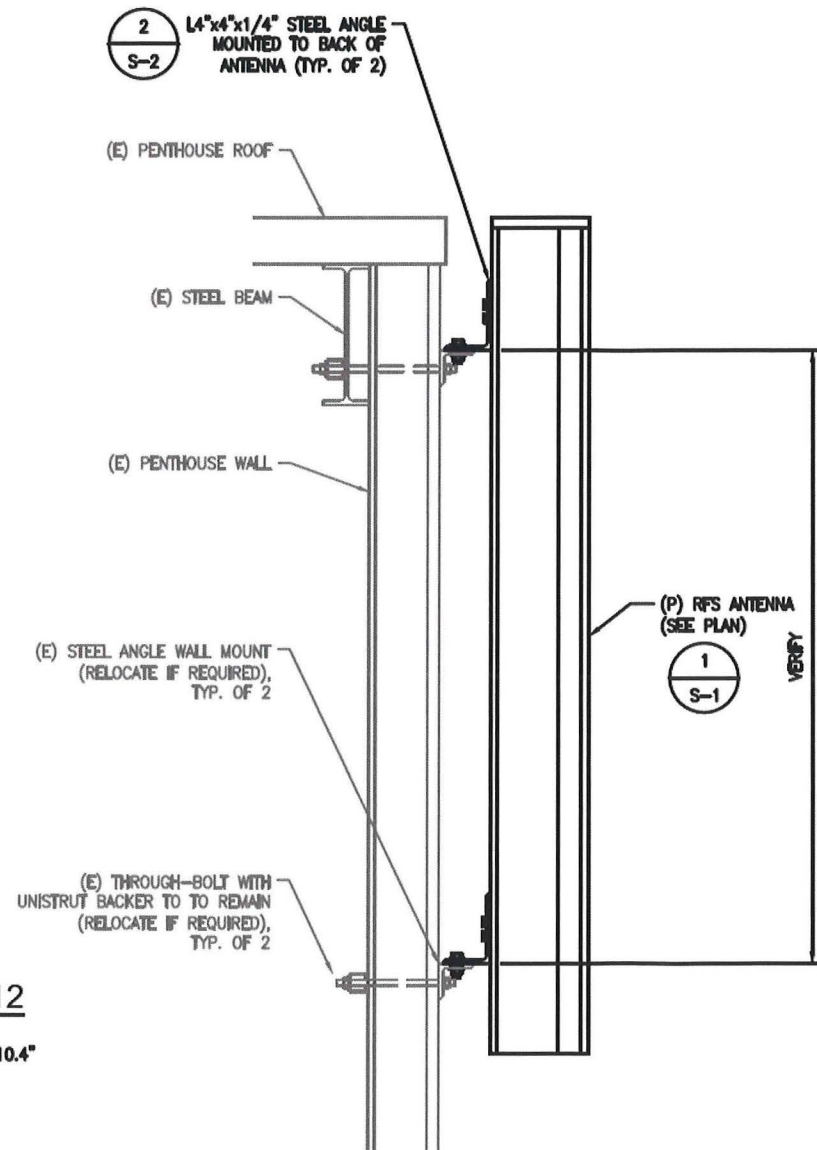




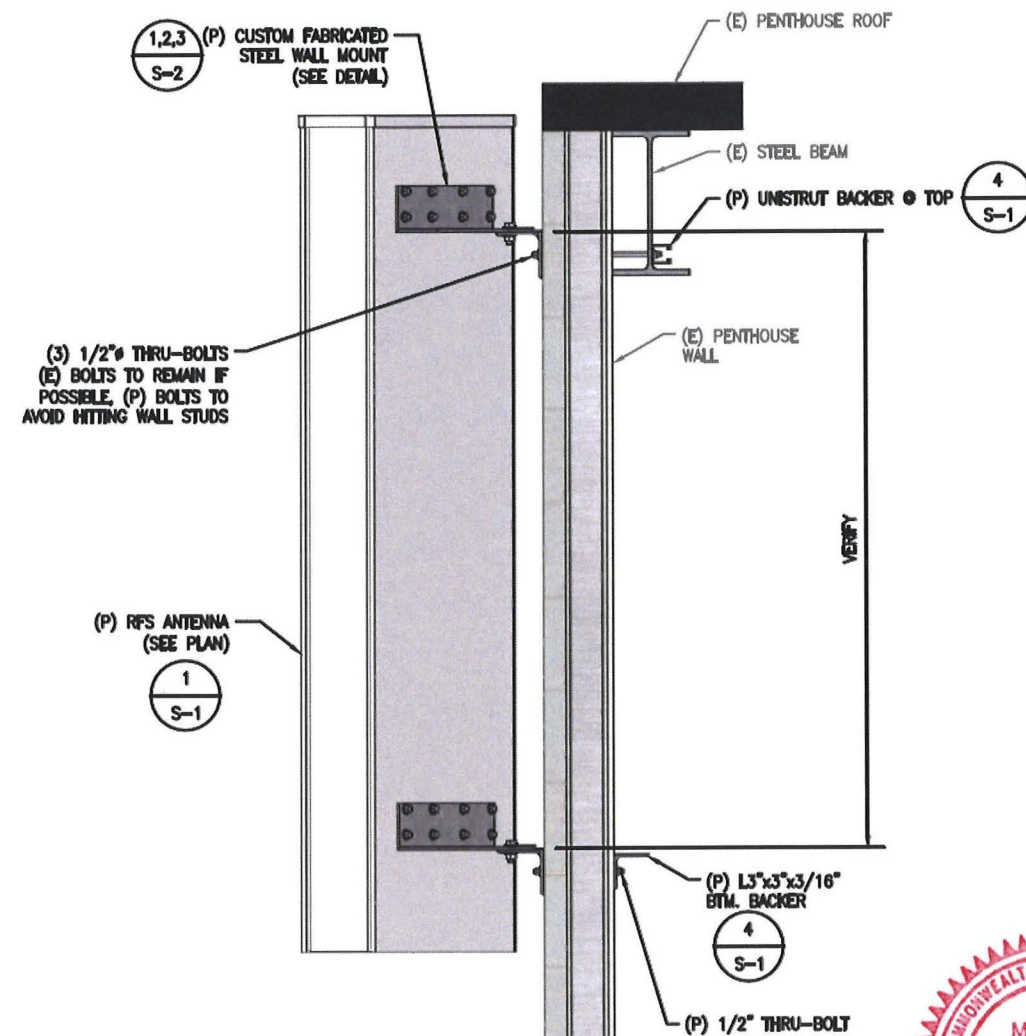
1 TYP. ANTENNA DETAIL
 SCALE: N.T.S.



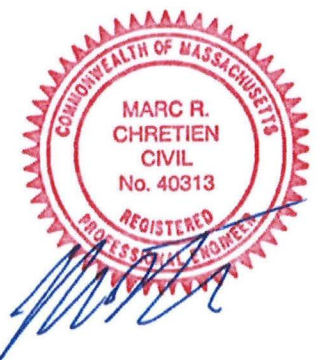
2 REMOTE RADIO HEAD (RRH) DETAILS
 SCALE: N.T.S.



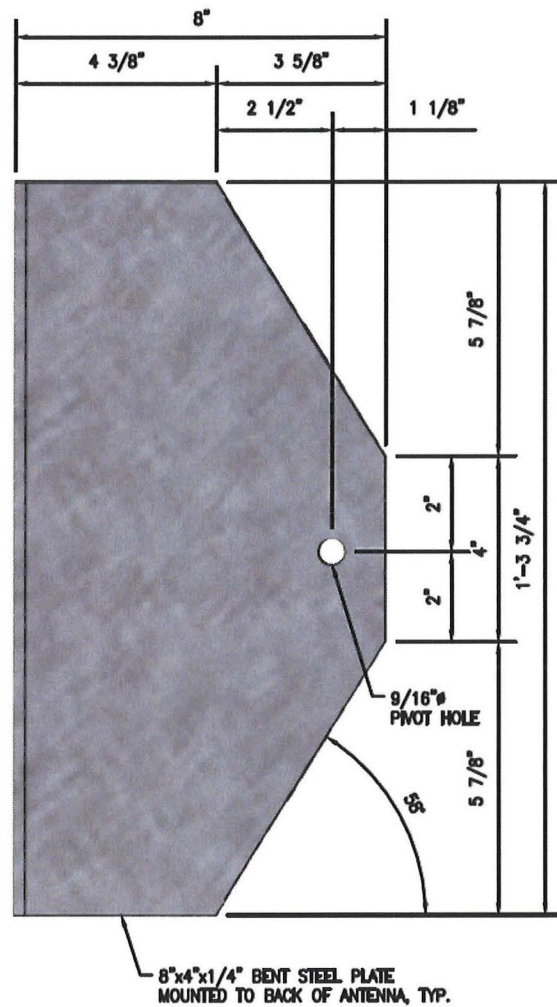
3 ANTENNA MOUNT DETAIL (SECTOR C)
 SCALE: 3/4" = 1'-0"



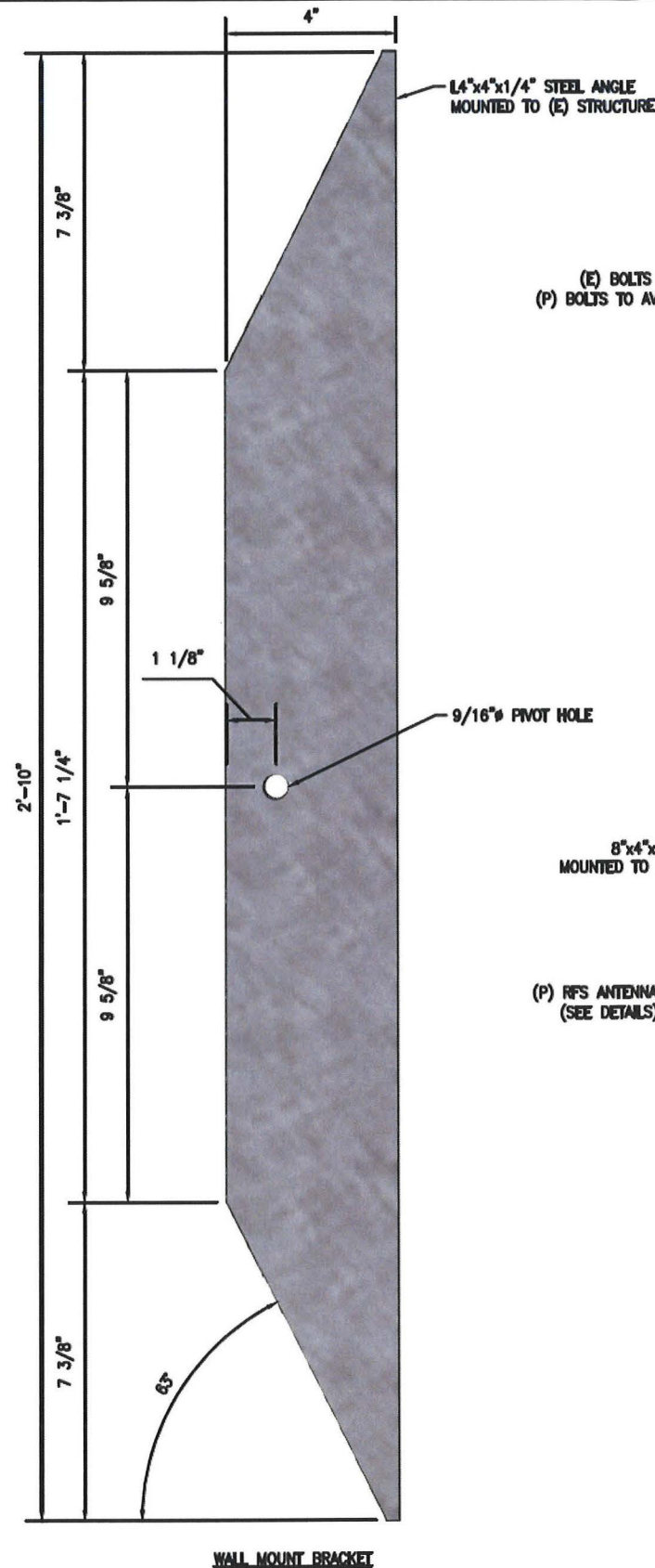
4 ANTENNA MOUNT DETAIL (SECTOR A&B)
 SCALE: 3/4" = 1'-0"



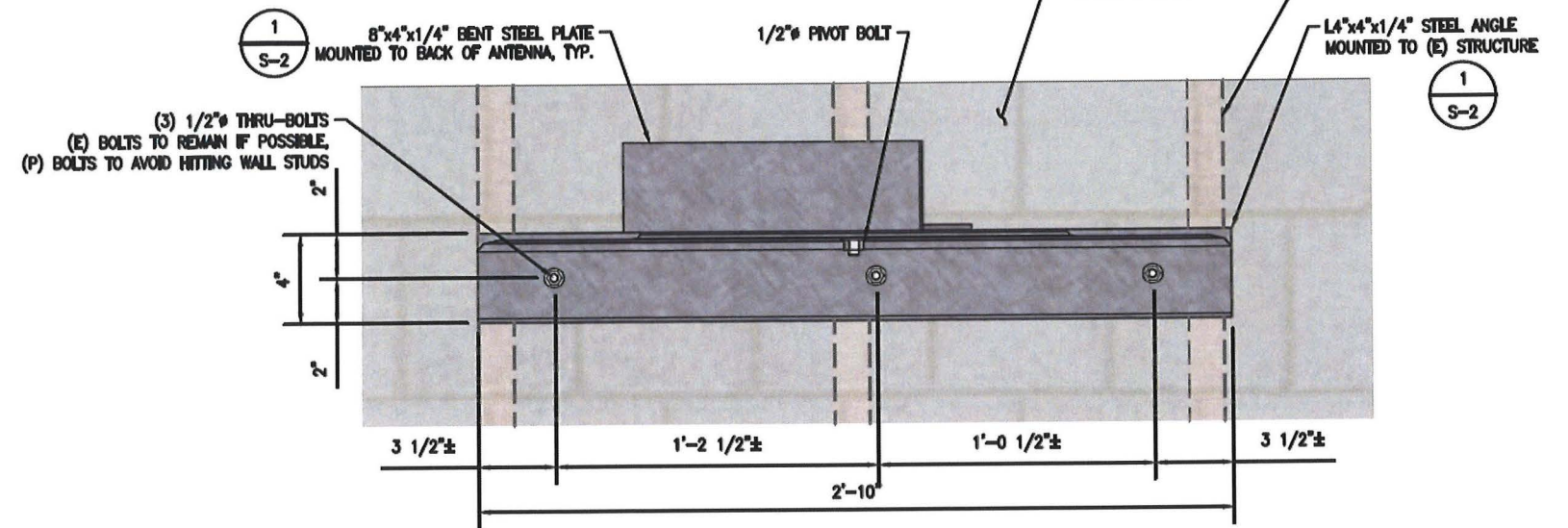
| NO. | DATE | REVISIONS | BY | CHK |
|-----|----------|-------------------------|-----|-----|
| 0 | 08/27/18 | ISSUED FOR REVIEW | MER | MRC |
| 1 | 10/11/18 | ISSUED FOR CONSTRUCTION | MER | MRC |
| 2 | 11/19/18 | REVISED | MER | MRC |
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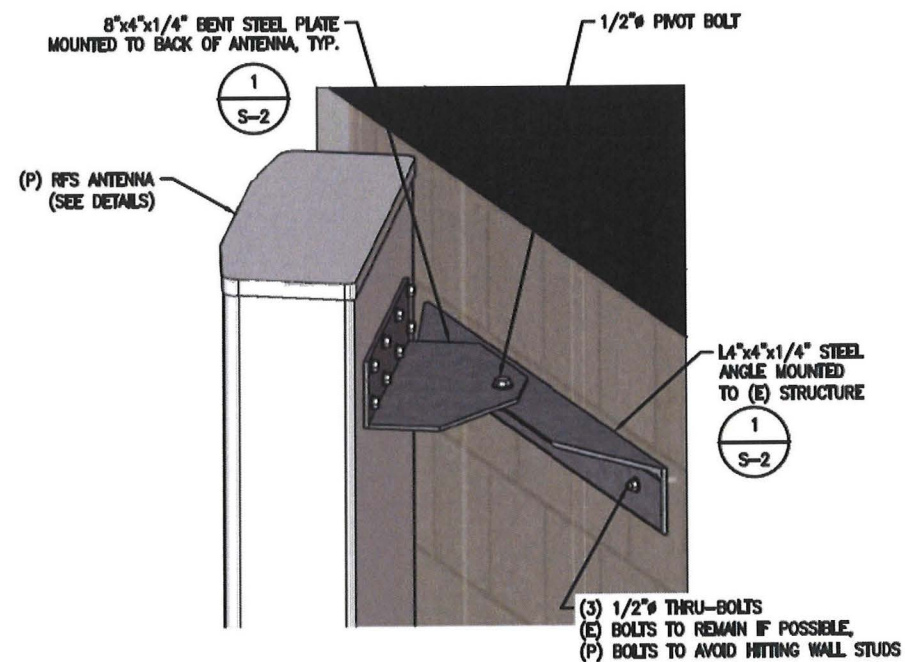
1 ANTENNA MOUNT BRACKETS
S-2 SCALE: 3" = 1'-0"



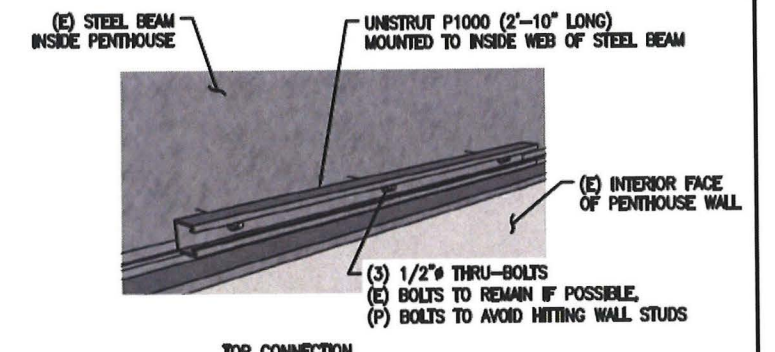
WALL MOUNT BRACKET



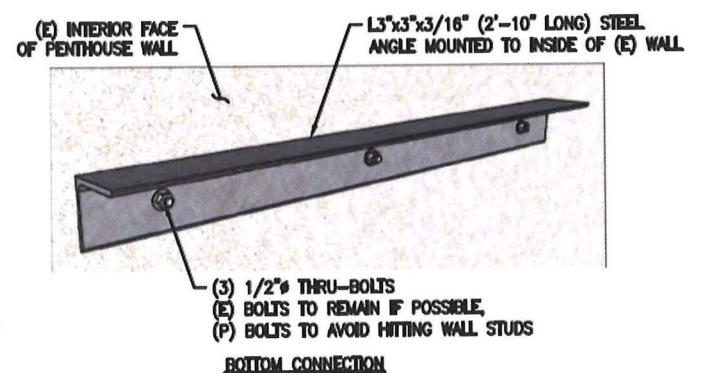
2 FRAMING ELEVATION
S-2 SCALE: 1 1/2" = 1'-0"



3 ISOMETRIC BRACKET DETAIL
S-2 SCALE: N.T.S.

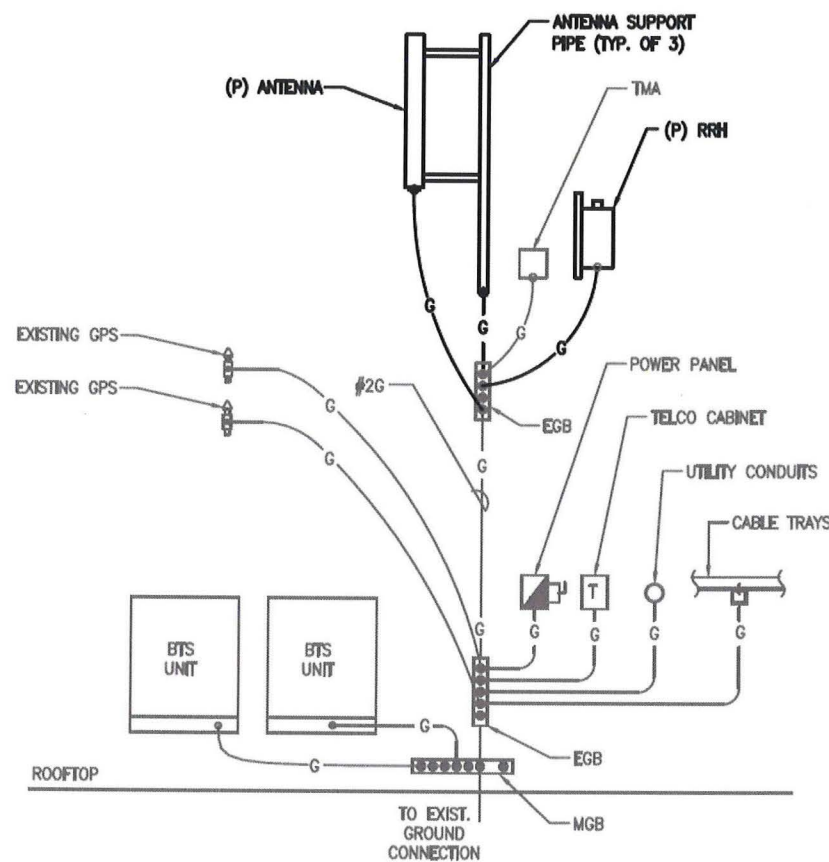


TOP CONNECTION

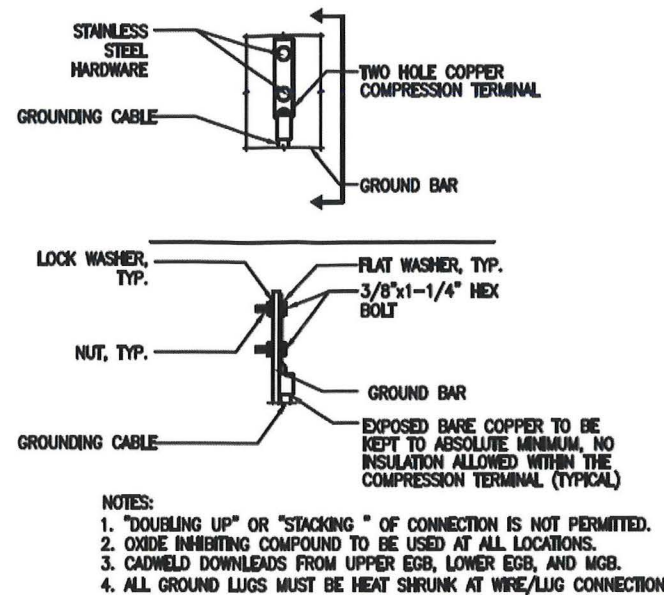


BOTTOM CONNECTION

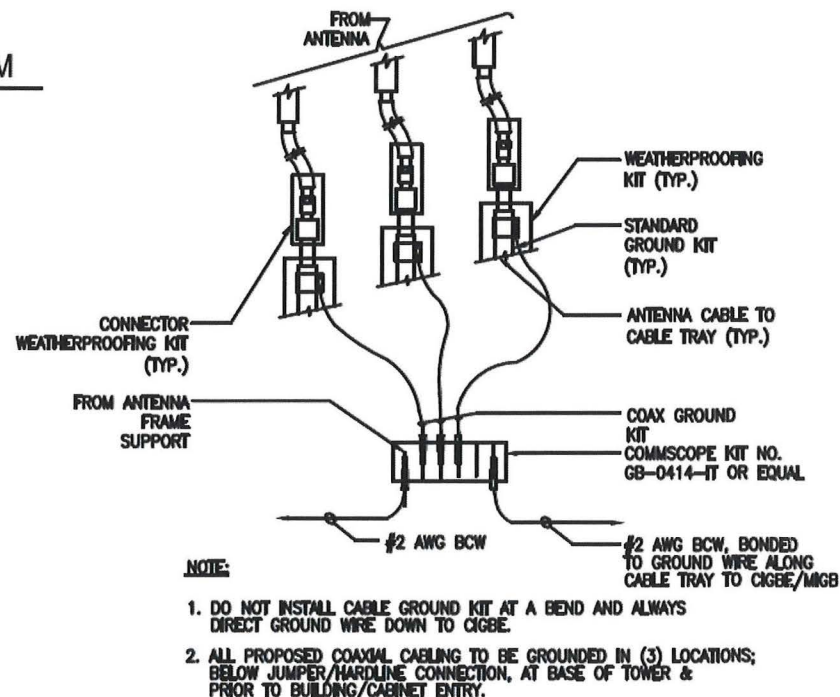
4 THRU-BOLT BACKER DETAILS
S-2 SCALE: N.T.S.



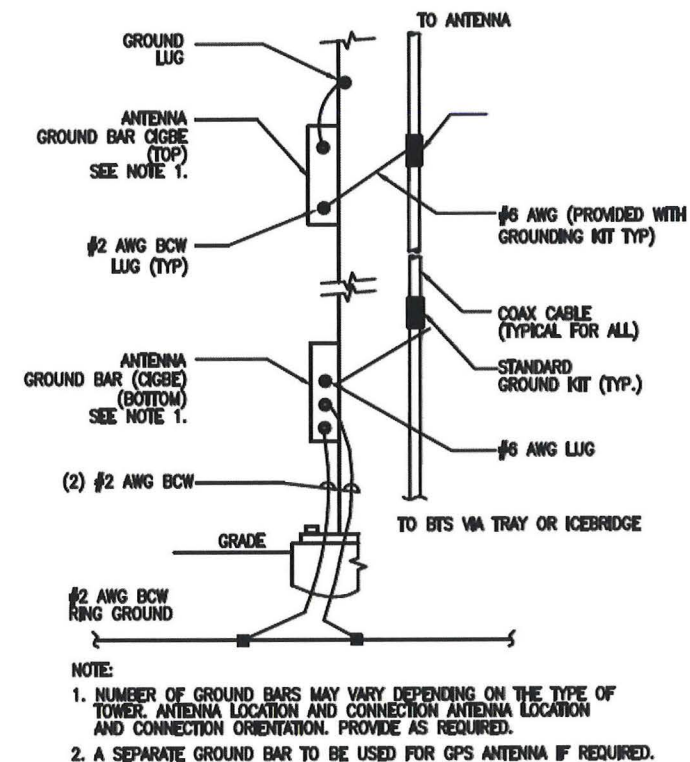
1 TYP. GROUNDING RISER DIAGRAM
G-1 SCALE: N.T.S.



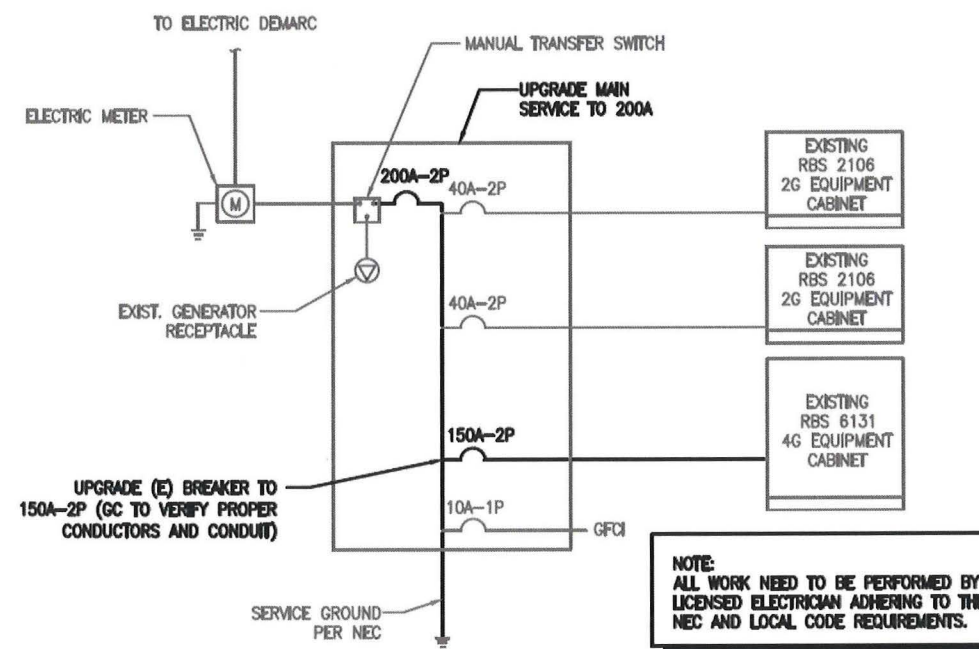
2 TYP. GROUND BAR CONNECTION DETAIL
G-1 SCALE: N.T.S.



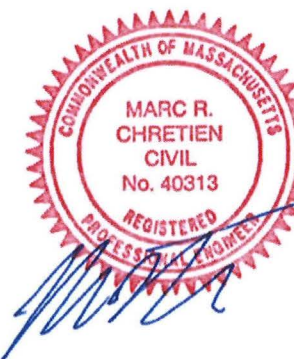
4 GROUND WIRE TO GROUND BAR CONNECTION DETAIL
G-1 SCALE: N.T.S.



3 ANTENNA CABLE GROUNDING
G-1 SCALE: N.T.S.

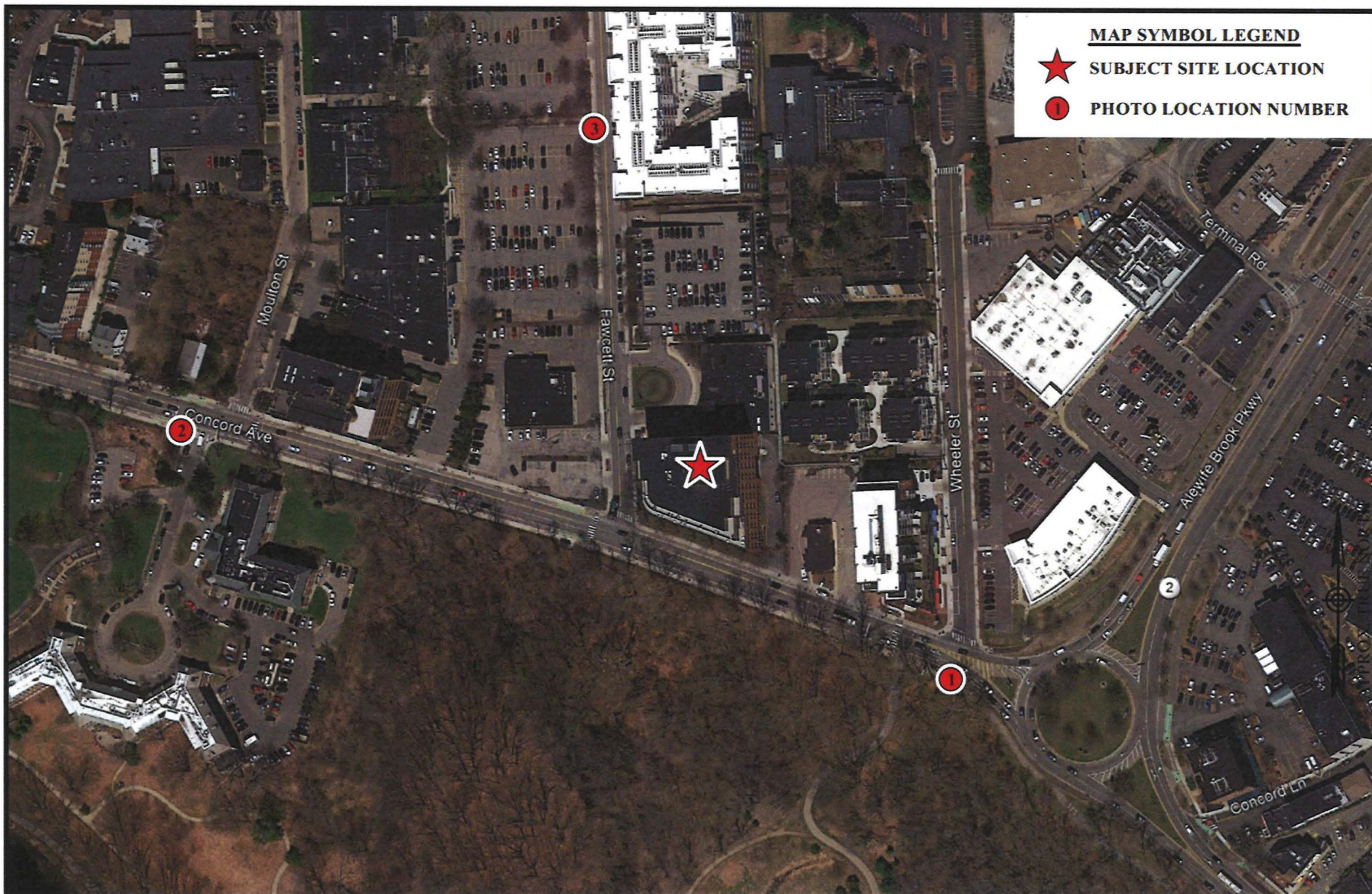




5 ONE LINE POWER DIAGRAM
G-1 SCALE: N.T.S.



| NO. | DATE | REVISIONS | BY | CHK |
|-----|----------|-------------------------|-----|-----|
| 0 | 08/27/18 | ISSUED FOR REVIEW | MER | MRC |
| 1 | 10/11/18 | ISSUED FOR CONSTRUCTION | MER | MRC |
| 2 | 11/19/18 | REVISED | MER | MRC |
| | | | | |
| | | | | |
| | | | | |

4



- MAP SYMBOL LEGEND**
-  **SUBJECT SITE LOCATION**
 -  **PHOTO LOCATION NUMBER**

PREPARED FOR:

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

PREPARED BY:

 **ADVANCED**
ENGINEERING GROUP, P.C.
Civil Engineering - Site Development
Surveying - Telecommunications
300 NORTH BROADWAY
EAST PROVIDENCE, 02914
TEL (401) 354-6403
FAX (401) 633-6304

SITE NO: 4DE7174A

SITE NAME: B0174/10 FAWCETT STREET

ADDRESS: 10 FAWCETT STREET
CAMBRIDGE, MA 02138

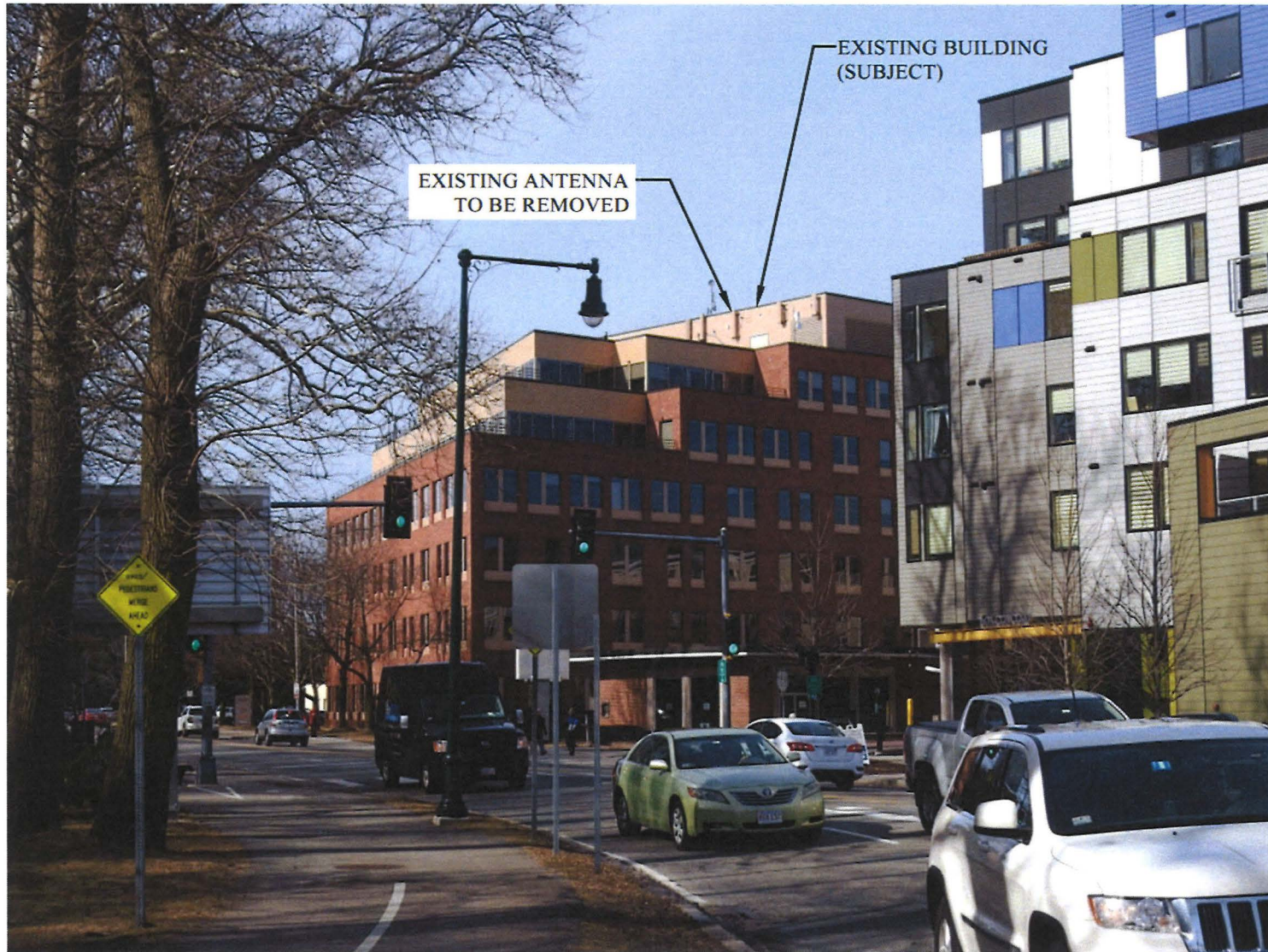
KEY MAP OF PHOTOS

PAGE: MAP-1

DATE: 4/12/2019

DRAWN BY: MR

REVISION: 1



PREPARED FOR:

T-MOBILE NORTHEAST, LLC
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 Surveying - Telecommunications
 500 NORTH BROADWAY
 SUITE 1000, PROVIDENCE, RI 02914
 PR: (401) 354-8403
 JR: (401) 633-6304

SITE NO: 4DE7174A

SITE NAME: B0174/10 FAWCETT STREET

ADDRESS: 10 FAWCETT STREET
CAMBRIDGE, MA 02138

VIEW #1

EXISTING VIEW FROM THE SOUTHEAST,
AT THE INTERSECTION OF ALEWIFE BROOK
PARKWAY AND CONCORD AVENUE

PAGE: V-1E

DATE: 4/12/2019

DRAWN BY: MR

REVISION: 1



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T-MOBILE NORTHEAST, LLC
15 COMMERCE WAY, SUITE B
NORTON, MA 02766
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 Surveying - Telecommunications
 500 NORTH BROADWAY
 SUITE 200
 PROVIDENCE, RI 02914
 TEL: (401) 354-0403
 FAX: (401) 353-6354

SITE NO: 4DE7174A

SITE NAME: B0174/10 FAWCETT STREET

ADDRESS: 10 FAWCETT STREET
CAMBRIDGE, MA 02138

VIEW #1

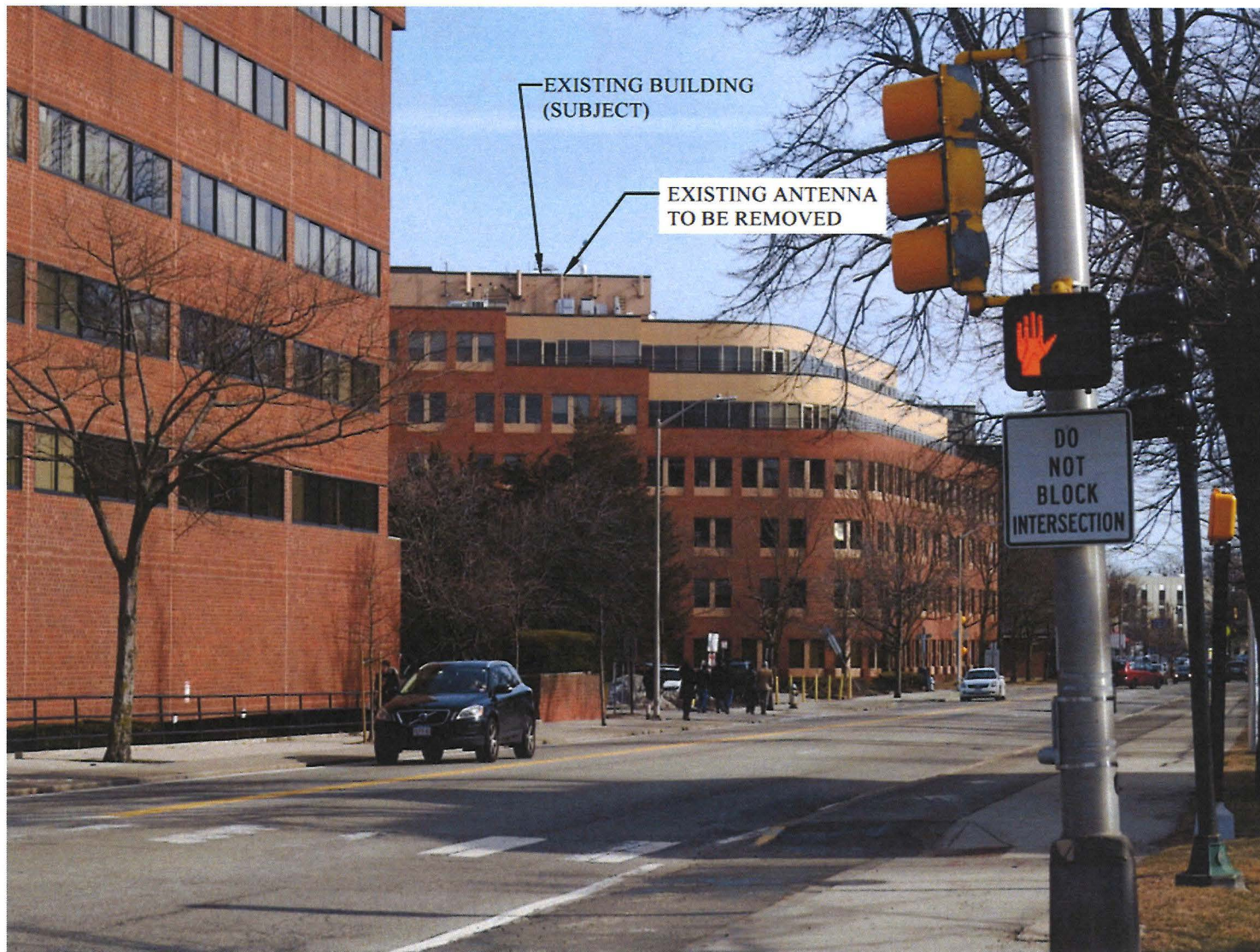
PROPOSED VIEW FROM THE SOUTHEAST,
AT THE INTERSECTION OF ALEWIFE
BROOK PARKWAY AND CONCORD AVENUE

PAGE: V-1P

DATE: 4/12/2019

DRAWN BY: MR

REVISION: 1



PREPARED FOR:

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

PREPARED BY:

ADVANCED
ENGINEERING GROUP, P.C.
Civil Engineering - Site Development
Surveying - Telecommunications
500 NORTH BROADWAY
SUITE 200, PROVIDENCE, 02914
PR: (401) 304-8403
MR: (401) 633-6394

SITE NO: 4DE7174A

SITE NAME: B0174/10 FAWCETT STREET

ADDRESS: 10 FAWCETT STREET
CAMBRIDGE, MA 02138

VIEW #2

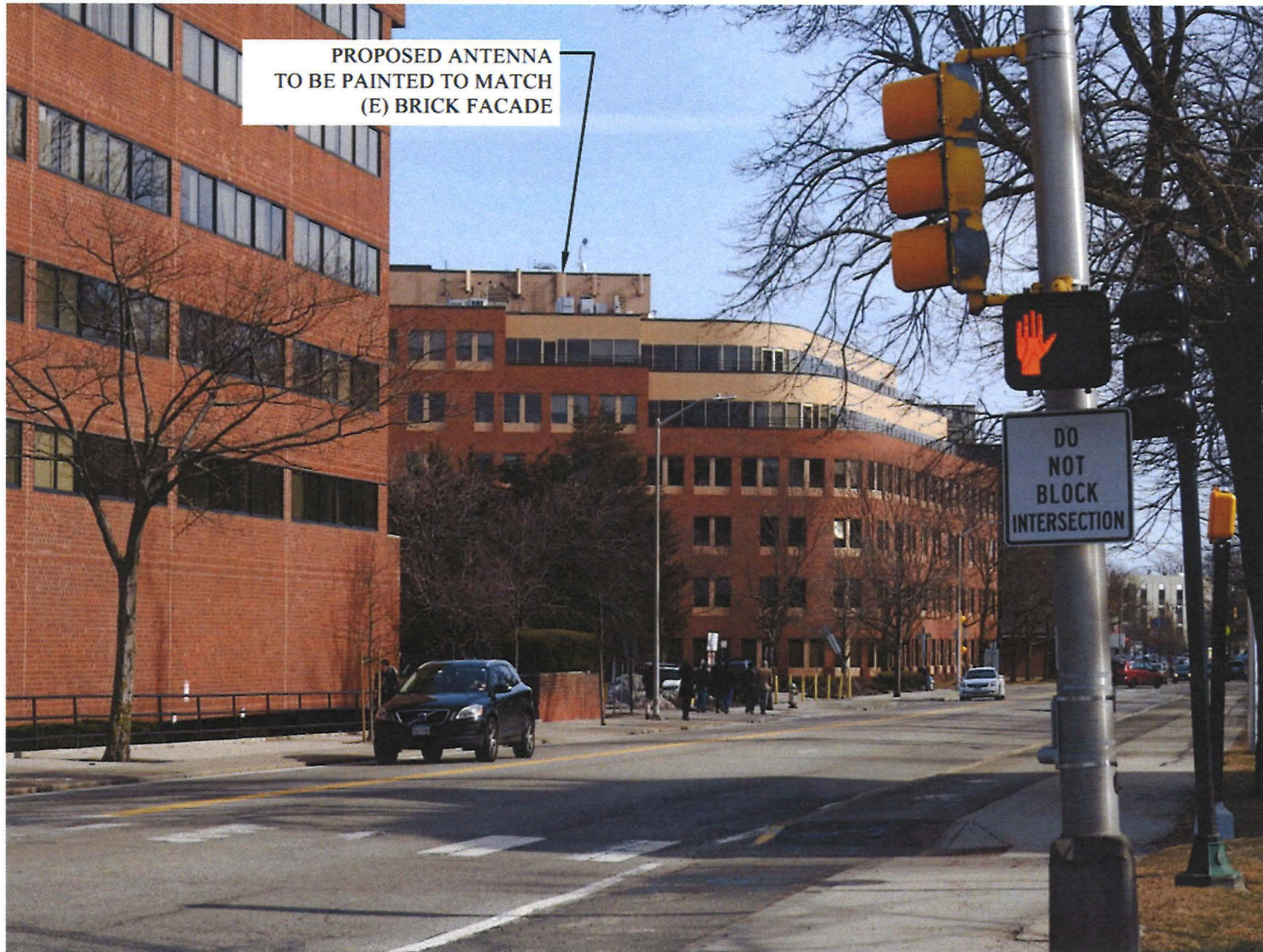
EXISTING VIEW FROM THE WEST,
INTERSECTION OF MOULTON STREET
AND CONCORD AVENUE

PAGE: V-2E

DATE: 4/12/2019

DRAWN BY: MR

REVISION: 1



PREPARED FOR:

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

PREPARED BY:

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Civil Engineering - Site Development
Surveying - Telecommunications
500 NORTH BROADWAY
EAST PROVIDENCE, 02914
PE: (401) 354-8403
PW: (401) 633-6364

SITE NO: 4DE7174A

SITE NAME: B0174/10 FAWCETT STREET

ADDRESS: 10 FAWCETT STREET
CAMBRIDGE, MA 02138

VIEW #2

PROPOSED VIEW FROM THE WEST,
INTERSECTION OF MOULTON STREET AND
CONCORD AVENUE

PAGE: V-2P

DATE: 4/12/2019

DRAWN BY: MR

REVISION: 1



PREPARED FOR:

T-MOBILE NORTHEAST, LLC
15 COMMERCE WAY, SUITE B
NORTON, MA 02786
OFFICE: (508) 286-2700
FAX: (508) 286-2893

PREPARED BY:

ADVANCED
ENGINEERING GROUP, P.C.
 Civil Engineering - Site Development
 Surveying - Telecommunications
 500 NORTH BROADWAY
 SUITE 200
 PROVIDENCE, RI 02914
 TEL: (401) 354-8403
 FAX: (401) 353-8304

SITE NO: 4DE7174A

SITE NAME: B0174/10 FAWCETT STREET

ADDRESS: 10 FAWCETT STREET
CAMBRIDGE, MA 02138

VIEW #3

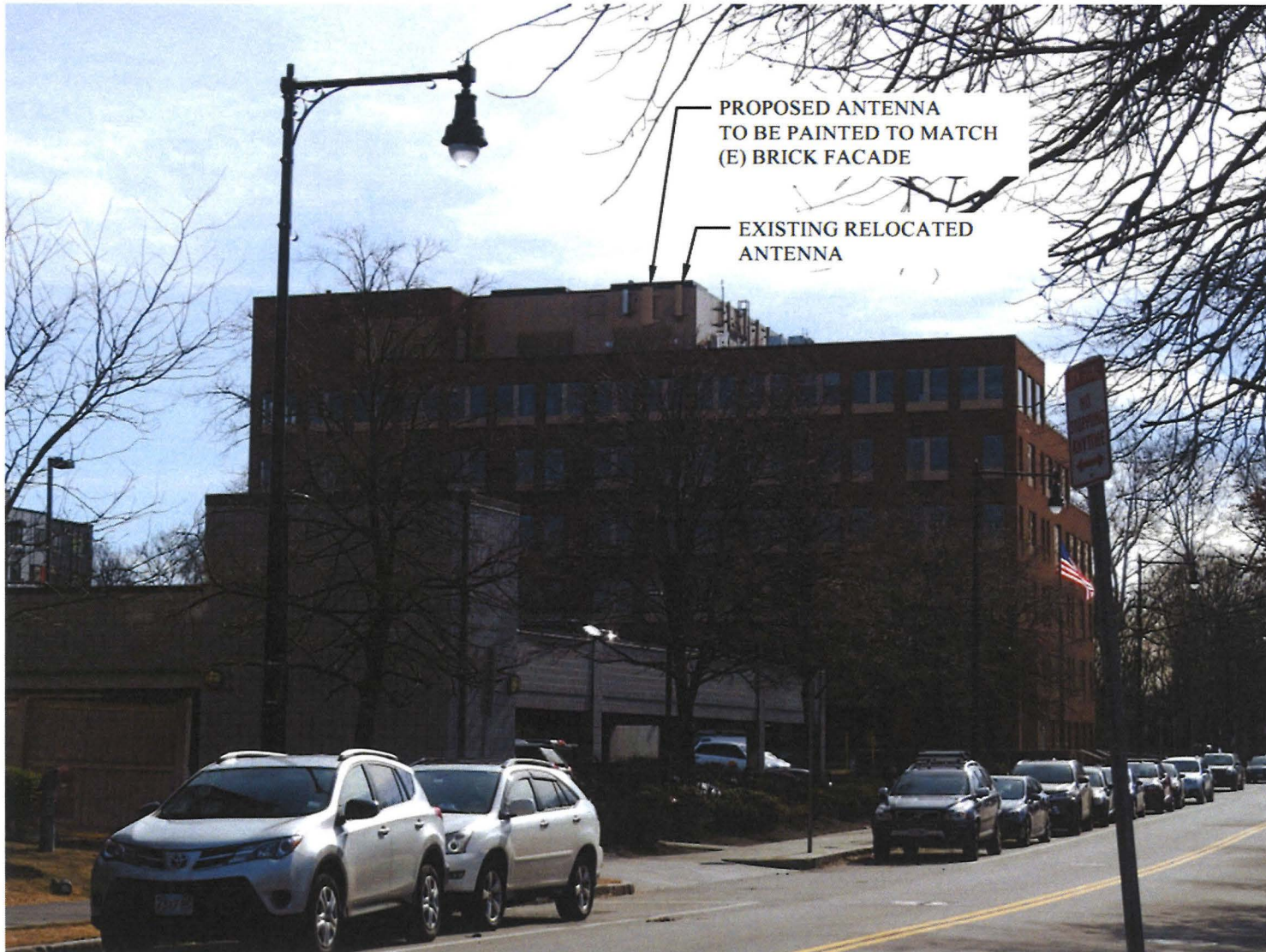
EXISTING VIEW FROM THE NORTH,
ON FAWCETT STREET

PAGE: V-3E

DATE: 4/12/2019

DRAWN BY: MR

REVISION: 1



PREPARED FOR:

T-MOBILE NORTHEAST, LLC
15 COMMERCE WAY, SUITE B
NORTON, MA 02786
OFFICE: (508) 286-2700
FAX: (508) 286-2893

PREPARED BY:

ADVANCED
ENGINEERING GROUP, P.C.
 Civil Engineering - Site Development
 Surveying - Telecommunications
 300 NORTH BROADWAY
 02114
 PR: (617) 334-6463
 MR: (617) 633-6364

SITE NO: 4DE7174A

SITE NAME: B0174/10 FAWCETT STREET

ADDRESS: 10 FAWCETT STREET
CAMBRIDGE, MA 02138

VIEW #3
PROPOSED VIEW FROM THE NORTH,
ON FAWCETT STREET

PAGE: V-3P

DATE: 4/12/2019

DRAWN BY: MR

REVISION: 1

5



Universal Licensing System

[FCC](#) > [WTB](#) > [ULS](#) > [Online Systems](#) > License Search

[FCC Site Map](#)

U.S. License

AWS (1710-1755 MHz and 2110-2155 MHz) License - WQPG202 ☒ HELP - T-Mobile License LLC

[New Search](#) [Refine Search](#) [Return to Results](#) [Printable Page](#) [Reference Copy](#)

| MAIN | ADMIN | MARKET | MAP |
|--|---|---|---|
| Call Sign | WQPG202 | Radio Service | AW - AWS (1710-1755 MHz and 2110-2155 MHz) |
| Status | Active | Auth Type | Regular |
| Market | | | |
| Market | BEA003 - Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH-RI-VT | Channel Block | C |
| Submarket | 4 | Associated Frequencies (MHz) | 001730.00000000-001735.00000000-002130.00000000-002135.00000000 |
| Dates | | | |
| Grant | 04/18/2012 | Expiration | 11/29/2021 |
| Effective | 04/18/2012 | Cancellation | |
| Buildout Deadlines | | | |
| 1st | | 2nd | |
| Notification Dates | | | |
| 1st | | 2nd | |
| FRN | | | |
| FRN | 0001565449 (View Ownership Filing) | Type | Limited Liability Company |
| Licensee | | | |
| T-Mobile License LLC 12920 SE 38th Street Bellevue, WA 98006 ATTN Dan Menser | | P:(425)383-4000 F:(425)383-4840 E:fccregulatorycompliancecontact@t-mobile.com | |
| Contact | | | |
| Wiley Rein LLP 1776 K Street, NW Washington, DC 20006 ATTN Nancy J. Victory | | P:(202)719-7344 F:(202)719-7049 E:nvictory@wileyrein.com | |

Radio Service Type Mobile
 Regulatory Status Common Carrier Interconnected Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government? No

Is the applicant an alien or the representative of an alien? No

Is the applicant a corporation organized under the laws of any foreign government? No

Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country? No

Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? Yes

The Alien Ruling question is not answered.

Basic Qualifications

The Applicant answered "No" to each of the [Basic Qualification](#) questions.

Tribal Land Bidding Credits

This license did not have tribal land bidding credits.

Race

Ethnicity

Gender

ULS Help [ULS Glossary](#) - [FAQ](#) - [Online Help](#) - [Technical Support](#) - [Licensing Support](#)

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Basic Search

By Call Sign

▼ =

SEARCH

[FCC](#) | [Wireless](#) | [ULS](#) | [CORES](#)

[Help](#) | [Tech Support](#)

Federal Communications Commission
 445 12th Street SW
 Washington, DC 20554

Phone: 1-877-480-3391
 TTY: 1-877-338-2824
[Submit Help Request](#)

ULS License

AWS (1710-1755 MHz and 2110-2155 MHz) License - WQGB373 - T-Mobile License LLC

| | | | |
|---------------|--------------------|------------------------------|--|
| Call Sign | WQGB373 | Radio Service | AW - AWS (1710-1755 MHz and 2110-2155 MHz) |
| Status | Active | Auth Type | Regular |
| Market | | | |
| Market | REA001 - Northeast | Channel Block | E |
| Submarket | 1 | Associated Frequencies (MHz) | 001740.00000000- 001745.00000000 002140.00000000- 002145.00000000 |

Dates

| | | | |
|-----------|------------|--------------|------------|
| Grant | 11/29/2006 | Expiration | 11/29/2021 |
| Effective | 06/26/2012 | Cancellation | |

Buildout Deadlines

| | |
|-----|-----|
| 1st | 2nd |
|-----|-----|

Notification Dates

| | |
|-----|-----|
| 1st | 2nd |
|-----|-----|

| | | | |
|-----|------------|------|---------------------------|
| FRN | 0001565449 | Type | Limited Liability Company |
|-----|------------|------|---------------------------|

Licensee

| | |
|--|---|
| T-Mobile License LLC 12920 SE 38th St. Bellevue, WA 98006 ATTN Dan Menser | P:(425)383-4000 F:(425)378-4040 E:FCCRegulatoryComplianceContact@t-mobile.com |
|--|---|

Contact

| | |
|--|---|
| T-Mobile License LLC Kathleen O Ham 12920 SE 38th St. Bellevue, WA 98006 ATTN Dan Menser | P:(425)383-4000 F:(202)654-5963 E:FCCRegulatoryComplianceContact@t-mobile.com |
|--|---|

| | |
|--------------------|-----------------------------------|
| Radio Service Type | Mobile |
| Regulatory Status | Common Carrier Interconnected Yes |

Alien Ownership

| | |
|---|----|
| Is the applicant a foreign government or the representative of any foreign government? | No |
| Is the applicant an alien or the representative of an alien? | No |
| Is the applicant a corporation organized under the laws of any foreign government? | No |
| Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their | No |

6/9/2017

ULS License - AWS (1710-1755 MHz and 2110-2155 MHz) License - WQGB373 - T-Mobile License LLC

representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?

Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by allens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? **Yes**

The Alien Ruling question is not answered.

Basic Qualifications

The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits

This license did not have tribal land bidding credits.

Race

Ethnicity

Gender

ULS License

700 MHz Lower Band (Blocks A, B & E) License - WQIZ578 - T-Mobile License LLC

| | | | |
|---------------|---|------------------------------|---|
| Call Sign | WQIZ578 | Radio Service | WY - 700 MHz Lower Band (Blocks A, B & E) |
| Status | Active | Auth Type | Regular |
| Market | | | |
| Market | BEA003 - Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH-RI-VT | Channel Block | A |
| Submarket | 0 | Associated Frequencies (MHz) | 000698.00000000-000704.00000000-000728.00000000-000734.00000000 |

Dates

| | | | |
|-------|------------|------------|------------|
| Grant | 06/26/2008 | Expiration | 06/13/2019 |
|-------|------------|------------|------------|

| | | | |
|-----------|------------|--------------|--|
| Effective | 12/02/2013 | Cancellation | |
|-----------|------------|--------------|--|

Buildout Deadlines

| | | |
|-----|-----|------------|
| 1st | 2nd | 06/13/2019 |
|-----|-----|------------|

Notification Dates

| | |
|-----|-----|
| 1st | 2nd |
|-----|-----|

| | | | |
|-----|------------|------|---------------------------|
| FRN | 0001565449 | Type | Limited Liability Company |
|-----|------------|------|---------------------------|

Licensee

T-Mobile License LLC
12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCregulatorycompliancecontact@t-mobile.com

Contact

T-Mobile License LLC
Shannon Kraus
12920 SE 38th Street
Bellevue, WA 98006
ATTN Shannon Kraus

P:(425)383-5178
F:(425)383-4840
E:shannon.reilly@t-mobile.com

| | |
|--------------------|-----------------------------------|
| Radio Service Type | Fixed, Mobile |
| Regulatory Status | Common Carrier Interconnected Yes |

Alien Ownership

| | |
|--|----|
| Is the applicant a foreign government or the representative of any foreign government? | No |
| Is the applicant an alien or the representative of an alien? | No |
| Is the applicant a corporation organized under the laws of any foreign government? | No |

Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country? **Yes**

Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? **Yes**

If the answer to the above question is 'Yes', has the applicant received a ruling(s) under Section 310(b)(4) of the Communications Act with respect to the same radio service involved in this application? **Yes**

Basic Qualifications

The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits

This license did not have tribal land bidding credits.

Race

Ethnicity

Gender

ULS License

AWS (1710-1755 MHz and 2110-2155 MHz) License - WQGA731 - T-Mobile License LLC

| | | | |
|---------------|--------------------|------------------------------|---|
| Call Sign | WQGA731 | Radio Service | AW - AWS (1710-1755 MHz and 2110-2155 MHz) |
| Status | Active | Auth Type | Regular |
| Market | | | |
| Market | REA001 - Northeast | Channel Block | D |
| Submarket | 1 | Associated Frequencies (MHz) | 001735.00000000- 001740.00000000- 002135.00000000- 002140.00000000 |

Dates

| | | | |
|-----------|------------|--------------|------------|
| Grant | 11/29/2006 | Expiration | 11/29/2021 |
| Effective | 12/10/2015 | Cancellation | |

Buildout Deadlines

| | |
|-----|-----|
| 1st | 2nd |
|-----|-----|

Notification Dates

| | |
|-----|-----|
| 1st | 2nd |
|-----|-----|

| | | | |
|-----|------------|------|---------------------------|
| FRN | 0001565449 | Type | Limited Liability Company |
|-----|------------|------|---------------------------|

Licensee

| | |
|--|---|
| T-Mobile License LLC 12920 SE 38th Street Bellevue, WA 98006 ATTN FCC Regulatory Compliance | P:(425)383-8401 F:(425)383-4840 E:FCCregulatorycompliancecontact@t-mobile.com |
|--|---|

Contact

| | |
|--|---|
| T-Mobile License LLC 12920 SE 38th Street Bellevue, WA 98006 ATTN FCC Regulatory Compliance | P:(425)383-8401 F:(425)383-4840 E:FCCregulatorycompliancecontact@t-mobile.com |
|--|---|

| | |
|--------------------|-----------------------------------|
| Radio Service Type | Mobile |
| Regulatory Status | Common Carrier Interconnected Yes |

Alien Ownership

| | |
|---|-----|
| Is the applicant a foreign government or the representative of any foreign government? | No |
| Is the applicant an alien or the representative of an alien? | No |
| Is the applicant a corporation organized under the laws of any foreign government? | No |
| Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their | Yes |

6/9/2017

ULS License - AWS (1710-1755 MHz and 2110-2155 MHz) License - WQGA/31 - T-Mobile License LLC

representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?

Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? **Yes**

If the answer to the above question is 'Yes', has the applicant received a ruling(s) under Section 310(b)(4) of the Communications Act with respect to the same radio service involved in this application? **Yes**

Basic Qualifications

The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits

This license did not have tribal land bidding credits.

Race

Ethnicity

Gender

ULS License

PCS Broadband License - WPZY689 - T-Mobile License LLC

| | | | |
|-----------|---------|---------------|--------------------|
| Call Sign | WPZY689 | Radio Service | CW - PCS Broadband |
| Status | Active | Auth Type | Regular |

Market

| | | | |
|-----------|---------------------|------------------------------|---|
| Market | BTA051 - Boston, MA | Channel Block | C |
| Submarket | 2 | Associated Frequencies (MHz) | 001895.00000000- 001910.00000000- 001975.00000000- 001990.00000000 |

Dates

| | | | |
|-----------|------------|--------------|------------|
| Grant | 12/06/2016 | Expiration | 01/03/2027 |
| Effective | 12/06/2016 | Cancellation | |

Buildout Deadlines

| | | | |
|-----|------------|-----|------------|
| 1st | 12/07/2003 | 2nd | 01/03/2007 |
|-----|------------|-----|------------|

Notification Dates

| | | | |
|-----|------------|-----|------------|
| 1st | 01/30/2002 | 2nd | 12/22/2006 |
|-----|------------|-----|------------|

| | | | |
|-----|------------|------|---------------------------|
| FRN | 0001565449 | Type | Limited Liability Company |
|-----|------------|------|---------------------------|

Licensee

| | |
|--|---|
| T-Mobile License LLC 12920 SE 38th Street Bellevue, WA 98006 ATTN FCC Regulatory Compliance | P:(425)383-8401 F:(425)383-4840 E:FCCregulatorycompliancecontact@t-mobile.com |
|--|---|

Contact

| | |
|---|---|
| T-Mobile License LLC 12920 SE 38th ST. Bellevue, WA 98006 ATTN FCC Regulatory Comp | P:(425)383-8401 F:(703)584-8696 E:fccregulatorycompliancecontact@t-mobile.com |
|---|---|

| | |
|--------------------|-----------------------------------|
| Radio Service Type | Mobile |
| Regulatory Status | Common Carrier Interconnected Yes |

Alien Ownership

| | |
|---|----|
| Is the applicant a foreign government or the representative of any foreign government? | No |
| Is the applicant an alien or the representative of an alien? | No |
| Is the applicant a corporation organized under the laws of any foreign government? | No |
| Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country? | No |

Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? **Yes**

The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized. **✓**

Basic Qualifications

The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits

This license did not have tribal land bidding credits.

Race

Ethnicity

Gender

ULS License

PCS Broadband License - KNLH310 - T-Mobile License LLC

| | | | |
|---------------|---------------------|------------------------------|---|
| Call Sign | KNLH310 | Radio Service | CW - PCS Broadband |
| Status | Active | Auth Type | Regular |
| Market | | | |
| Market | BTA051 - Boston, MA | Channel Block | E |
| Submarket | 0 | Associated Frequencies (MHz) | 001885.00000000- 001890.00000000- 001965.00000000- 001970.00000000 |

Dates

| | | | |
|-----------|------------|--------------|------------|
| Grant | 06/08/2017 | Expiration | 06/27/2027 |
| Effective | 06/08/2017 | Cancellation | |

Buildout Deadlines

| | | | |
|-----|------------|-----|--|
| 1st | 06/27/2002 | 2nd | |
|-----|------------|-----|--|

Notification Dates

| | | | |
|-----|------------|-----|--|
| 1st | 04/01/1999 | 2nd | |
|-----|------------|-----|--|

| | | | |
|-----|------------|------|---------------------------|
| FRN | 0001565449 | Type | Limited Liability Company |
|-----|------------|------|---------------------------|

Licensee

T-Mobile License LLC
12920 S.E. 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
E:FCCRegulatoryComplianceContact@t-mobile.com

Contact

T-Mobile License LLC
FCC REGULATORY COMPLIANCE
12920 S.E. 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory

P:(425)383-8401
E:FCCRegulatoryComplianceContact@t-mobile.com

| | | | |
|--------------------|----------------|----------------|-----|
| Radio Service Type | Fixed, Mobile | | |
| Regulatory Status | Common Carrier | Interconnected | Yes |

Alien Ownership

| | |
|--|----|
| Is the applicant a foreign government or the representative of any foreign government? | No |
|--|----|

| | |
|--|----|
| Is the applicant an alien or the representative of an alien? | No |
|--|----|

| | |
|--|----|
| Is the applicant a corporation organized under the laws of any foreign government? | No |
|--|----|

| | |
|---|----|
| Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country? | No |
|---|----|

Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by allens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? **Yes**

If the answer to the above question is 'Yes', has the applicant received a ruling(s) under Section 310(b)(4) of the Communications Act with respect to the same radio service involved in this application? **Yes**

Basic Qualifications

The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits

This license did not have tribal land bidding credits.

Race

Ethnicity

Gender

6

CITY OF CAMBRIDGE, MASSACHUSETTS

PLANNING BOARD

CITY HALL ANNEX, 57 INMAN STREET, CAMBRIDGE 02139

NOTICE OF DECISION

Case No: PB#27, Major Amendment #2

Address: 617 Concord Avenue/10 Fawcett Street

Owner: New Boston Fawcett, Limited Partnership, One Longfellow
Place, Suite 3612, Boston, MA 02114Book 25932 Page 503
Original Application Date: August 9, 1982

Original Planning Board Decision: November 16, 1982

Applicant: **Omnipoint Communications, Inc., 705 Myles
Standish Blvd, Taunton, MA 02780, (508) 884-2700**Application Date: **September 16, 1997**Date of the Public Hearing: **October 14, 1997**Date of Decision: **October 14, 1997**Date of Filing the Decision: **December 1, 1997**Application: Major Amendment for a special permit use
(telecommunication antenna) in the Office 2 district (section
4.32.g), a Parkway Overlay District Planning Board Special Permit.Decision: **GRANTED with conditions.**Appeals, if any, shall be made pursuant to Section 17 of Massachusetts
General Laws, Chapter 40A, and shall be filed within twenty (20) days
after the filing of the above referenced decision with the City Clerk.
Copies of the complete decision and final plans, if applicable, are on file
with the Office of the Community Development Department and the City
Clerk.*Elizabeth M. Paden*

Authorized Representative to the Planning Board

For more information, contact Liza Paden at voice: 349-4647; TTY: 617-
349-4621, or email lpaden@ci.cambridge.ma.us. at the Cambridge
Community Development Department.RECEIVED BY
OFFICE OF CITY CLERK
97 DEC - 1 PM 4:30
CAMBRIDGE MA.

16.50

259

MSD 12/24/97 10:46:41

Case No.: PB#27, Major Amendment #2

Address: 617 Concord Avenue/10 Fawcett Street

Owner: New Boston Fawcett, Limited Partnership, One Longfellow
Place, Suite 3612, Boston, MA 02114

Original Application Date: August 9, 1982

Original Planning Board Decision: November 16, 1982

Applicant: **Omnipoint Communications, Inc., 705 Myles
Standish Blvd, Taunton, MA 02780, (508) 884-2700**

Application Date: September 16, 1997

Date of the Public Hearing: October 14, 1997

Date of Decision: October 14, 1997

Date of Filing the Decision: December 1, 1997

Application

1. The special permit application, Section 4.32.g.1. Telephone exchange, (including, switching, relay and transmission facilities serving mobile communications systems) and any towers or antennas accessory thereto⁴⁹, for a major amendment to install cellular antenna to the existing building at 10 Fawcett Street/617 Concord Avenue, dated September 16, 1997. It included a narrative describing the company, Omnipoint Communications, the installation and the design of the structures, a discussion of the criteria for issuing the permit, photographs of the location of the proposed installation, plans showing the vicinity of the installation, the roof plan and elevations, dated September 16, 1997.

Other Documents

Submittal for Omnipoint Communications, Inc., by Donald L. Haes, Jr., MS, CHP, Consulting Health Physicist, dated 10/14/97.

Public Hearing

The Planning Board held a public hearing on October 14, 1997, where Phil Hammond, consultant to Omnipoint, presented the application along

with the consultants: Mohamed Noii; Bill Hogan, engineer; and Don Haes, the health consultant.

The installation consists of antennas 7' tall by 6 inches deep, and 3 inches wide, mounted on the building at 91 feet. There was a discussion of the existing antenna installation.

The Base Transmitting Station will be installed, set back from the parapet and near the antenna, it will be set back more than originally proposed.

There were no statements in support or in opposition to the application.

Findings

The Planning Board reviewed the application documents, the site plan and information presented by the applicant and his attorney at the public hearing and found the following.

1. Conformance with the Requirements of Telephone exchange, (including, switching, relay and transmission facilities serving mobile communications systems) and any towers or antennas accessory thereto, Section 4.32.g.1.

- a. The scope of or limitations imposed by any license secured from any state or federal agency having jurisdiction over such matters.

The required licenses have been secured and the proposed installation has been reviewed by the appropriate agencies, the Massachusetts Department of Public Health and the Federal Communications Commission for radio emissions.

- b. Use of existing building/roof elements as support/background

The applicant proposes to utilize the existing building and rooftop mechanical elements to support the antennas and as background to minimize their visual impact. The antennas are to be finished in a material to match appropriately with the background surfaces. The Base Transmitting Station is to be located on the roof and set back from the parapet as much as possible to minimize the visibility from the parkway.

- c. Location of the facility with respect to residential zoning districts.

The site is located in the Parkway Overlay District and Office 2 base district, where and telecommunication use is allowed by Special Permit.

2. Conformance with the criteria for Special Permits, Section 10.40

- a. The requirements of the Ordinance can be met.

This installation meets the special permit requirements now imposed for the erection of new facilities.

- b. Traffic patterns will not cause congestion, hazard, or substantial change in the established neighborhood character.

The facility is fully automated and will not generate any traffic congestion, hazard or a substantial change in the established character of the neighborhood. The facility is visited monthly by a small maintenance crew in a single vehicle.

- c. Continued operation or development of adjacent uses will not be adversely affected.

The proposed facility will enhance the operation of surrounding business and commercial uses by providing wireless service. Visually, the installation will be consistent with mechanical elements found on other office buildings in the district. The visual impact will be minimized from the parkway.

- d. No nuisance or hazard will be created to the detriment of the health, safety, and welfare of the occupants or the citizens of the City.

The proposed use is passive in nature and will create no noise, traffic, smoke, dust, odors, disruptive lighting or other nuisance. The health aspects of the facility are reviewed and monitored by state and federal agencies having appropriate jurisdiction in such matters.

- e. The use will not impair the integrity of the district or adjoining districts or derogate from the intent or purposes of the Ordinance.

The proposed use would not impair the integrity of the Office 2 or Parkway Overlay Districts, which are a office and business district; the use would generally enhance their operations; any potential negative visual aspects have been mitigated.

Decision

After review of the application documents, and discussions at the public hearing and based on the above findings, the Planning Board **GRANTS** the Major Amendment #2, for Special Permit #27 for the construction of a telecommunication tower in the Office 2 district with the following conditions.

1. That the facility be install in conformance with plans as revised and submitted and reviewed by the Board, dated 7/7/97 (plans labeled as Title sheet, vicinity map, general info, sheets T-1, C-1, A-1, and A-2)
2. That the antennas be removed within 30 days of the termination of its use.
3. That the facilities may be replaced, after review and approval by the Planning Board at a regular Planning Board meeting, provided the Board finds that the new facilities occupy no more of the surface area of the building and are in the same approximate location as approved herein; and are no more visible than this approved plan.

Voting in favor to GRANT the major amendment to the special permit and to grant the special permit use were: H. Salemme, C. Mieth, S. Lewis, F. Darwin, H. Russell and A. Cohn constituting more than two thirds of the Board.

For the Planning Board

A handwritten signature in cursive script that reads "Carolyn Mieth". To the right of the signature is a small, handwritten word that appears to be "Comp".

Carolyn Mieth, Vice Chair

A copy of this decision shall be filed with the Office of the City Clerk. Appeals, if any, shall be made pursuant to Section 17, Chapter 40A, Massachusetts General Laws, and shall be filed within twenty (20) days after the date of such filing in the Office of the City Clerk.

ATTEST: A true and correct copy of the above decision filed with the Office of the City Clerk on **December 1, 1997** by Elizabeth M. Paden, authorized representative of the Cambridge Planning Board. All plans referred to in the decision have likewise been filed with the City Clerk on such date.

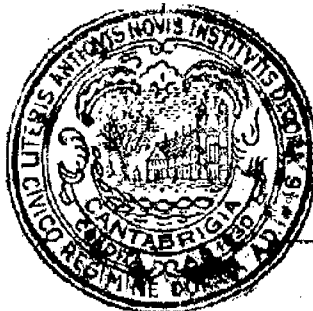
Twenty (20) days have elapsed since the filing of this decision.

No appeal has been filed. ✓

DATE: *Dec. 24, 1997*

City Clerk
City of Cambridge

X Margaret Drury



DEC 24 1997

TRUE COPY
TEST:

Margaret Drury

City Clerk

D4



City of Cambridge

MASSACHUSETTS

BOARD OF ZONING APPEAL

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



2013 00028304

Bk: 61129 Pg: 301 Doc: DECIS
Page: 1 of 4 02/04/2013 12:51 PM

2013 JAN 3 PM 12 21
OFFICE OF THE CITY CLERK
CAMBRIDGE, MASSACHUSETTS

CASE NO: 10333

LOCATION: 10 Fawcett Street
Cambridge, MA

Office 2 Zone

PETITIONER: T-Mobile Northeast, LLC
C/o Jackie Slaga, Agent

PETITION: Special Permit: In-kind replacement of existing 6 antennas with new antennas; add 1 small cabinet adjacent to existing cabinets. All antennas will be mounted in the same location and painted to match façade of building.

VIOLATION: Art. 4.000, Sec. 4.32.G.1 & 4.10 (Footnote 49) (Telecommunication Facility). Art. 10.000, Sec. 10.40 (Special Permit).

DATE OF PUBLIC NOTICE: September 27, 2012 & October 4, 2012

DATE OF PUBLIC HEARING: October 11, 2012

MEMBERS OF THE BOARD:

BRENDAN SULLIVAN - CHAIR
CONSTANTINE ALEXANDER - VICE-CHAIR
TIMOTHY HUGHES
THOMAS SCOTT
JANET GREEN

✓
✓
✓
✓
✓

ASSOCIATE MEMBERS:

MAHMOOD R. FIROUZBAKHT
DOUGLAS MYERS
SLATER W. ANDERSON
TAD HEUER
ANDREA A. HICKEY
KEVIN C. McAVEY

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.

1. that the work proceed as per the drawings and photo simulations in the application,
2. that the Petitioner may replace defective equipment with exact, identical equipment, but any change in size or location of the equipment would require a new special permit,
3. that should any of the proposed equipment be abandoned or become obsolete, it be removed within 60 days, and the surface to which it was attached be restored back to its condition prior to the installation of the equipment.

The five member Board voted unanimously in favor of granting the special permit (Sullivan, Alexander, Hughes, Scott, and Green) 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.


Brendan Sullivan, Chair

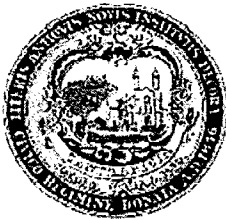
Attest: A true and correct copy of decision filed with the offices of the City Clerk and Planning Board on 1-3-13 by Maria [Signature], Clerk.

Twenty days have elapsed since the filing of this decision.

No appeal has been filed ☒

Appeal has been filed and dismissed or denied.

Date: February 4, 2013 Donna P. Lopez City Clerk.



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

September 29, 2016

T-Mobile Northeast LLC - C/O Ricardo M. Sousa, Esq.
1 International Place, Suite 3700
Boston MA, 02110

Case No: BZA-011007-2016

Dear Ricardo M. Sousa, Esq.

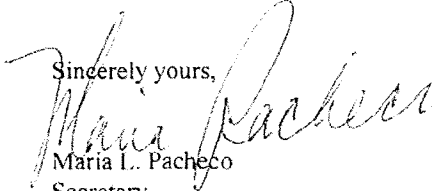
We enclose the decision of the Board of Zoning Appeal as it pertains to the premises located at
10 Fawcett St Cambridge, MA 02138

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 SEP 29 AM 8:59

CITY OF CAMBRIDGE, MASSACHUSETTS

CASE NO: BZA-011007-2016 Office -2 Zone

LOCATION: 10 Fawcett St
Cambridge, MA 02138

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

PETITION: Special Permit: To modify its existing wireless telecommunications facility by collocating three (3) new L700 antennas on the existing building, together with supporting equipment. All three (3) proposed antennas will be facade mounted to the existing Building, adjacent to the existing antennas and painted to match the existing building. All work to be done pursuant to the plans provided herein. 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.

VIOLATION :

| | |
|----------------|--|
| Article 4.000 | Section 4.32.G.1 (Telecommunications Facility). |
| Article 4.000 | Section 4.40 (Footnote 49) (Telecommunication Facility). |
| Article 6409 | Section Middle Class Tax Relief & Job Creation Act. |
| Article 10.000 | Section 10.40 (Special Permit). |

DATE OF PUBLIC NOTICE: August 11, 2016 and August 18, 2016

DATE OF PUBLIC HEARING: August 25, 2016;

MEMBERS OF THE BOARD:

| | |
|-------------------------------|-------------------------------------|
| CONSTANTINE ALEXANDER - CHAIR | <input checked="" type="checkbox"/> |
| BRENDAN SULLIVAN - VICE-CHAIR | <input checked="" type="checkbox"/> |
| JANET O. GREEN | <input checked="" type="checkbox"/> |
| PATRICK TEDESCO | <input checked="" type="checkbox"/> |
| ANDREA A. HICKEY | <input type="checkbox"/> |

ASSOCIATE MEMBERS:

| | |
|--------------------|-------------------------------------|
| DOUGLAS MYERS | <input type="checkbox"/> |
| SLATER W. ANDERSON | <input type="checkbox"/> |
| ALISON HAMMER | <input type="checkbox"/> |
| JIM MONTEVERDE | <input type="checkbox"/> |
| GEORGE BEST | <input checked="" type="checkbox"/> |
| LAURA WERNICK | <input type="checkbox"/> |

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-011007-2016
Location: 10 Fawcett Street
Petitioner: T-Mobile Northeast LLC – c/o Ricardo Sousa, Esq.

On August 25, 2016, Petitioner's attorney Daniel Glissman appeared before the Board of Zoning Appeal requesting a special permit in order to modify its existing wireless telecommunications facility by collocating three new L700 antennas on the existing building, together with supporting equipment, where all three proposed antennas will be facade mounted to the existing Building, adjacent to the existing antennas and painted to match the existing building. The Petitioner requested relief under Article 4, Section 4.32.G.1 and Article 10, Section 10.40 of the Cambridge Zoning Ordinance ("Ordinance") and Section 6409 of the Middle Class Tax Relief & Job Creation Act. The Petitioner submitted materials in support of their application including information about the project, plans, and photographs.

Mr. Glissman stated that as part of a system wide upgrade, the Petitioner wished to replace three antennas and add three new antennas to an existing telecommunications site. He stated that the Planning Board had made suggestions, with which he could largely comply. He committed to painting the equipment a matte finish in the color of the façade to which it would be mounted, to dropping the antennas below the cornice line, and to aligning the antennas with vertical lines on the façade. He stated that the Petitioner complied with the requirements of Section 6409, and that the modifications were not a substantial change to the site.

The Chair asked if anyone wished to be heard on the matter, no one indicated such.

After discussion, the Chair moved that the Board make the following findings based upon the application materials submitted and all evidence before the Board and that based upon the findings the Board grant the requested relief as described in the Petitioner's submitted materials and the evidence before the Board: that the Board find that the requirements of the Ordinance are such that they could not be satisfied without the granting of the special permit; 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; that the Board find that the continued operation or development of adjacent uses would not be adversely affected by what was proposed; that the Board find that no nuisance or hazard would be created to the detriment of the health, safety, and welfare of the occupant of the proposed use or the citizens of the City; that the Board find that what was proposed would not impair the integrity of the district or adjoining districts or otherwise derogate from the intent and purpose of the Ordinance; that the Board find that the proposed modification of the existing telecommunication facility at the site would not substantially change the physical dimensions of the existing wireless tower or base station at 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.

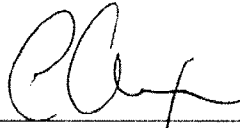
The Chair further moved that based upon all the information presented the Board grant the requested relief as described in the Petitioner's submitted materials and the evidence before the Board on the following conditions:

1. that the work proceed in accordance with plans submitted by the petitioner, as initialed by the Chair, except that the antennas be moved down the facade so that they do not appear to break the cornice line and be positioned and spaced to align with some of the vertical lines on the existing facade, and that all painted materials, including cabling, have a consistent matte finish.
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, as 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 approved tonight for a continuous period of six months or more, it promptly thereafter remove such equipment and restore the building on which it was located to its prior condition and appearance to an extent reasonably practicable,
5. that the petitioner continue to comply with the conditions imposed by the Board with respect to previous Special Permits granted to the petitioner with regard to the site in question,
6. that 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 radio frequency radiation under federal law.

The five member Board voted unanimously in favor of granting the special permit with the above conditions ((Alexander, Sullivan, Green, Tedesco, and Best). Therefore, the special permit is granted as conditioned.

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 9/29/16 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.

7

July 23 2019

VIA HAND DELIVERY

Ranjit Singanayagam
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 **10 Fawcett, Cambridge, MA 02139.**

Dear Mr. Singanayagam:

A. T-Mobile is Filing an Eligible Facilities Request

Prince Lobel Tye LLP, on behalf of T-Mobile Northeast LLC is submitting the attached Eligible Facilities Request application to add, remove, modify, or replace Transmission Equipment at an Existing Base Station located at 10 Fawcett Street, Cambridge, MA 02139.

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.

Prince Lobel Tye LLP
One International Place
Suite 3700
Boston, MA 02110
TEL: 617 456 8000
FAX: 617 456 8100

www.princelobel.com

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 one hundred and forty feet and nine inches (140’ 9”) 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 98 feet (98’) high. The proposed replacement of three (3) panel antennas and three (3) RRUs will not affect 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 replacement of three (3) panel antennas and three (3) RRUs will not protrude from the edge of the building and therefore will not exceed the six

(6) foot limitation. All of the proposed antennas will be façade mounted and together with the mounting equipment will extend no more than one (1) foot from the existing building. As such, the proposed modification will not protrude from the edge of the building by more than six (6) feet.

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. There are currently three (3) equipment cabinets existing at the Base Station. 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. The Applicant is proposing to replace three (3) panel antennas with like kind panel antennas and three (3) RRUs with like kind RRUs. 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 decision by the City of Cambridge Planning Board for this facility dated December 1, 1997 (Case No. PB #27, Major Amendment #2) (the "Original Decision"), a second decision by the City of Cambridge Board of Zoning Appeals (the "Board") dated January 3, 2013 (Case No. 10333) (the "2nd Decision"), and a third decision by the Board dated September 29, 2016 (Case No. BZA-011007-2016) (the "3rd Decision") (together, the Original Decision, the 2nd Decision and the 3rd Decision shall hereafter be referred to as the "Decisions"), all of which are attached hereto, the existing antennas are located in the preferred location on the building and comply with the required conditions for a stealth design. The replacement of the antennas with like kind antennas will not defeat the existing stealth design all antennas will be painted to match the existing building. All equipment will be designed to blend into the existing building. 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 10 Fawcett, Cambridge, MA 02139 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 receipt of 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,



Adam F. Braillard

Direct: 617-456-8153

Email: 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: 10 Fawcett Street

Existing Facilities

The Existing Facility is comprised of nine (9) panel antennas all mounted to the façade of the existing building, together with supporting equipment.

Height of Base Station

Height above ground level of the tallest point on the existing base station: 98' (feet)

Height above ground level of the tallest point of the existing base station after the installation of the *proposed* equipment: 98' (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:

N/A

This certification is dated this 23th day of July, 2019.



Signature

Adam F. Braillard, Esq., Attorney for 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: July 23, 2019

Submitted by:

Name: Adam F. Braillard, Esq.

Title: Attorney for the T-Mobile Northeast LLC (the "Applicant")

Contact information: 617-456-8153, abraillard@princelobel.com

Name of Jurisdiction: City of Cambridge

Address of Jurisdiction: 831 Massachusetts Avenue, Cambridge MA 02139

Contact Name for Jurisdiction: Ranjit Singanayagam

Name of Local Government Permit Application: Building Permit

Local Government File #: _____

Street Address of Site: 10 Fawcett Street

Tax Parcel # of Site: Map 267F, Lot 301

Latitude/Longitude of Site: _____

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

The Applicant proposes to modify its existing Wireless Telecommunications Facility by replacing three (3) panel antennas and three (3) Remote Radio Units (RRUs) facade mounted to the penthouse of the existing Building, with

like kind panel antennas and RRUs, together with supporting equipment. All of the proposed antennas and RRUs will be facade mounted to the existing Building, and all will be painted to match the existing building.

List Each Piece of Transmission Equipment that will be Removed:

None

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

None

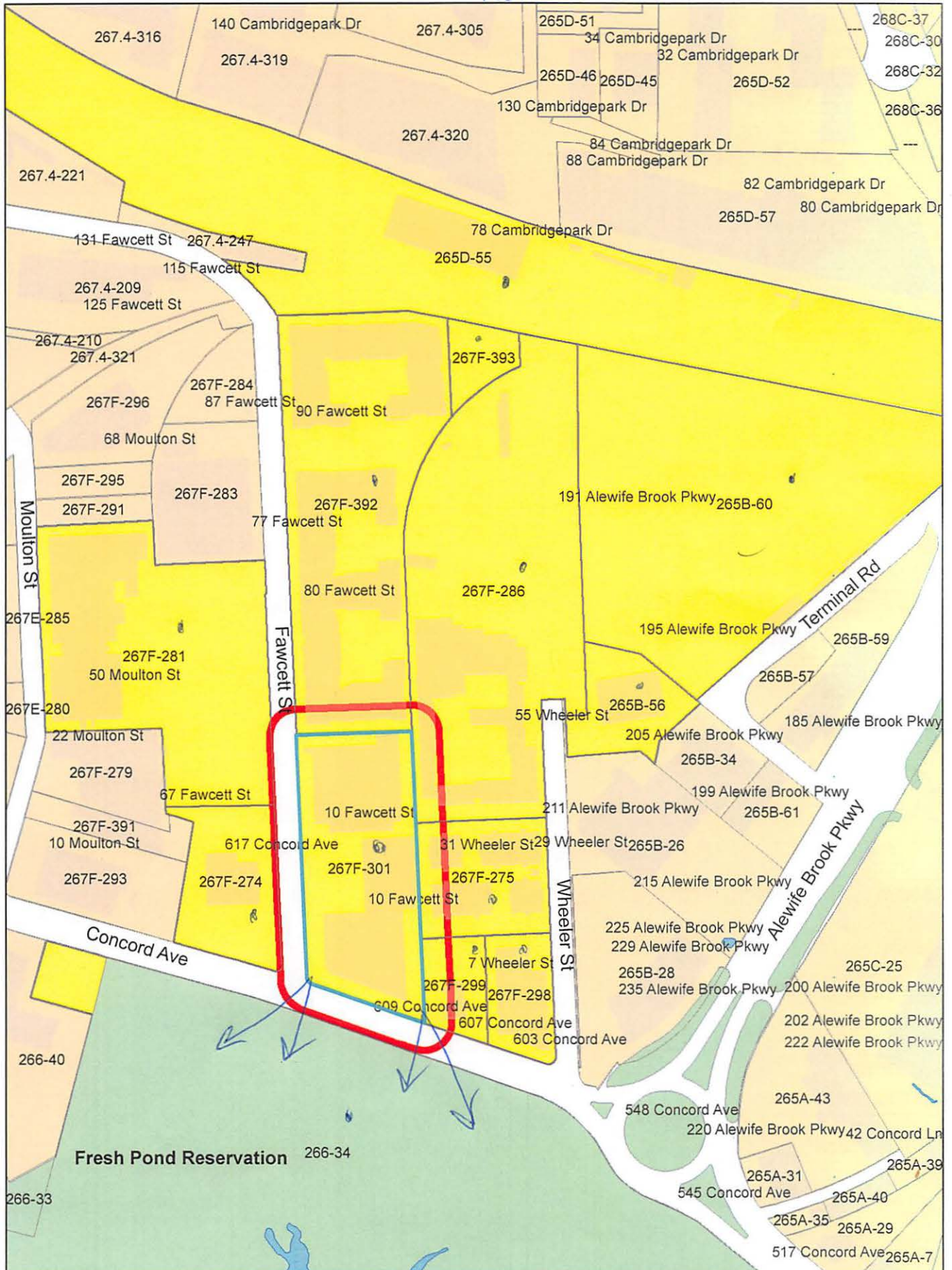
List Cabinets that will be Removed at the Site:

None

Permit Application Deposit Amount: _____

Municipal Consultant Review Fee Deposit (if applicable): _____

10 Fawcett St.



10 Fawcett St.

183
Petitioner

266-34
CAMBRIDGE CITY OF WATER DEPT
250 FRESH POND PKWY
CAMBRIDGE, MA 02138

266-34
CITY OF CAMBRIDGE
C/O NANCY GLOWA
CITY SOLICITOR

PRINCE LOBEL TYE LLP
C/O ADAM F. BRAILLARD, ESQ.
ONE INTERNATIONAL PLACE, SUITE 3700
BOSTON, MA 2110

266-34
CITY OF CAMBRIDGE
C/O LOUIS DEPASQUALE
CITY MANAGER

267F-274-281
CV PORTFOLIO WEST CAMBRIDGE, LLC
C/O RAYTHEON BBN TECHNOLOGIES
10 MOULTON STREET
CAMBRIDGE, MA 02138

265B-56
CAMBRIDGE LIGHT COMPANY
C/O NSTAR ELECTRIC CO
PROPERTY TAX DEPT., P.O. BOX 270
HARTFORD, CT 06141

267F-392
FORT POINT INVESTMENTS, LLC
C/O AEW CAPITAL MANAGEMENT, LP
TWO SEAPORT LANE
BOSTON, MA 02210

267F-286
55-9 WHEELS OWNER, LLC
7121 FAIRWAY DR., SUITE 410
PALM BEACH GARDENS, FL 33418

265D-55
MASSACHUSETTS BAY TRANSPORTATION
AUTHORITY
10 PARK PLAZA
BOSTON, MA 02116

267F-298-299
ABODEZ ACORN CONCORD LLC
300 WASHINGTON STREET SUITE #805
NEWTON, MA 02458

267F-301
AG FAWCETT, LLC C/O GRIFFITH PROPERTIES LLC
260 FRANKLIN ST. 5TH FL.
BOSTON, MA 02110

267F-275
STEWART ANN H.
31 WHEELER STREET, UNIT 101
CAMBRIDGE, MA 02138

267F-275
WHITEHILL, JACOB &
C/O PRASAD, MANAS & SEJAL FALDU
29-31 WHEELER ST., # 324
CAMBRIDGE, MA 02138

267F-275
LI, DAVID X.
535 SONOMA INSLES CIR
JUPITER, FL 33478

267F-275
SENGUPTA, TANYA
27 WHEELER ST., #322
CAMBRIDGE, MA 02138

267F-275
ORME, SALLY R.
27 WHEELER ST., #321
CAMBRIDGE, MA 02138

267F-275
MOCHI, JENNIFER M.
27 WHEELER ST. UNIT#320
CAMBRIDGE, MA 02138

267F-275
MA, TRACY X. & ALLEN L. ZHANG
27 WHEELER ST., #319
CAMBRIDGE, MA 02138

267F-275
SHARMA, RAHUL & VIBHA SHARMA
27 WHEELER ST., #318
CAMBRIDGE, MA 02138

267F-275
OH, YOUN JOO
29-31 WHEELER ST., #317
CAMBRIDGE, MA 02138

267F-275
CRAIG, PATRICIA & THOMAS BENNER
25 WHEELER ST., #316
CAMBRIDGE, MA 02138

267F-275
GHIMIRE, RAMESH C. & MUNA DAWADI
25 WHEELER ST., #315
CAMBRIDGE, MA 02138

267F-275
KAFASIS, PAUL
25 WHEELER ST., #314
CAMBRIDGE, MA 02138

267F-275
DIEHL, LOIS MARY & JONATHAN E. DIEHL
TRS THE DIEHL FAMILY TRUST
23 LEXINGTON AVE
CAMBRIDGE, MA 02138

267F-275
TABORN, DAVID K. & KRISTIN L. TABORN
29 WHEELER ST., #312
CAMBRIDGE, MA 02138

267F-275
NOWLAND, IAN T. & ANNE L. NOWLAND
29 WHEELER ST., #31
CAMBRIDGE, MA 02138

267F-275
HELLMAN, DARYL A. &
JESSICA BEATON-HELLMAN
29 WHEELER ST., #310
CAMBRIDGE, MA 02138

267F-275
MOAVENI, BABAK & SANAZ HEYAT
37 ROBINHOOD RD
WINCHESTER, MA 01890

267F-275
LAURITSON-LADA, ALEXANDER E.
29 WHEELER ST., #308
CAMBRIDGE, MA 02138

267F-275
DANIEL, GILLIAN M.
29 WHEELER ST., #307
CAMBRIDGE, MA 02138

10 Fawcett St.

243

267F-275
CAMERON, KIMBERLY O. & ROBERT M. GUINN
29 WHEELER ST., #306
CAMBRIDGE, MA 02138

267F-275
LOW, AICHEN & ANDREW C. HAHN
29 WHEELER ST., #305
CAMBRIDGE, MA 02138

267F-275
ANGLIN, TRICIA T.
31 WHEELER ST., UNIT #304
CAMBRIDGE, MA 02138

267F-275
CLARK ROBIN D.
31 WHEELER ST. UNIT 303
CAMBRIDGE, MA 02138

267F-275
LEDOUX, MICHAEL D.,
TR. THE MICHAEL D. LEDOUX REV TRUST
31 WHEELER ST., #302
CAMBRIDGE, MA 02138

267F-275
JIANG, YIHUI
31 WHEELER ST., #301
CAMBRIDGE, MA 02138

267F-275
JEYARAJAH, SHANTHINI & ELIAS JEYARAJAH
29 WHEELER ST, UNIT #224
CAMBRIDGE, MA 02138

267F-275
SHAH, DEEPA
27 WHEELER ST., # 223
CAMBRIDGE, MA 02138

267F-275
BOLIO, GABE M.
29-31 WHEELER ST., #222
CAMBRIDGE, MA 02138

267F-275
ORTIZ, ADRIAN
P.O. BOX 71
WESTFORD, MA 01886

267F-275
PANTAZIS, DIMITRIOS
149 CHERRT ST. UNIT 2
CAMBRIDGE, MA 02139

267F-275
CHEN, XIAOYAN & CHENCHEN WANG
266 LINCOLN STREET
WALTHAM, MA 02451

267F-275
LU, JUH-HORNG & WENJUN XIE,
TRUSTEE THE LU XIE FAMILY TRUST
73 NORMANDY AVE
CAMBRIDGE, MA 02138

267F-275
XU, PENG
29-31 WHEELER ST., #217
CAMBRIDGE, MA 02138

267F-275
SHAO, LAN
168 DAVIS ROAD
CARLISLE, MA 01741

267F-275
NARAYANASAMY, PAVITHRA
29-31 WHEELER ST., #215
CAMBRIDGE, MA 02138

267F-275
HUANG, JIANHUA & LICHUN YANG
25 WHEELER ST., #214
CAMBRIDGE, MA 02138

267F-275
COLE, ADAM J.
25 WHEELER ST., UNIT #213
CAMBRIDGE, MA 02138

267F-275
KLITENIK, EUGENE
29-31 WHEELER ST., #212
CAMBRIDGE, MA 02138

267F-275
WANG, NAICHEN & SHANSHAN WU
29 WHEELER ST., #211
CAMBRIDGE, MA 02138

267F-275
LOU, JIAJING
12A SEVEN SPRINGS LN
BURLINGTON, MA 01803

267F-275
DEA, CHRISTINA
29 WHEELER ST. UNIT#209
CAMBRIDGE, MA 02138

267F-275
NAINI, GREESHMA
332 FRANKLIN ST., #401
CAMBRIDGE, MA 02138

267F-275
KEONG, JOSEPH LEONG WENG &
HENG WUN HUI LINDA
9 SIXTH CRESCENT
SINGAPORE, -- --

267F-275
GUNGOR, TUNCH
29 WHEELER ST., #206
CAMBRIDGE, MA 02138

267F-275
COSTA, ALEXANDER A.
29 WHEELER ST., #205
CAMBRIDGE, MA 02138

267F-275
SCHWARZ, BENJAMIN A.
31 WHEELER ST., #204
CAMBRIDGE, MA 02138

267F-275
LEI, XIAOYU & JIAQI WEI C/O ZOU, XIN
31 WHEELER ST., #203
CAMBRIDGE, MA 02138

267F-275
PLATONOV, EVGENY
31 WHEELER ST., #202
CAMBRIDGE, MA 02138

267F-275
EDSALL, HANNAH JOY
31 WHEELER ST., #201
CAMBRIDGE, MA 02138

10 Sawcett St.

343

267F-275
KLITENIK, KOSTANTIN
27 WHEELER ST. UNIT#124
CAMBRIDGE, MA 02138

267F-275
XIN LI, DAVID
535 SONOMA ISLES CIR
JUPITER, FL 33478

267F-275
GOPLANI, NEETA
27 WHEELER ST. #122
CAMBRIDGE, MA 02138

267F-275
PAIVA, CARLA S.
27 WHEELER ST. UNIT#121
CAMBRIDGE, MA 02138

267F-275
TEMKIN, BENJAMIN & SYLVIA TEMKIN
C/O ORIANA VAN DAELE
P.O. BOX 380253
CAMBRIDGE, MA 02238

267F-275
NARAYAN, RADHA & SRIDHAR NARAYAN
27 WHEELER ST., #119
CAMBRIDGE, MA 02138

267F-275
LE NOACH, JORDAN EMERIC
29-31 WHEELER ST., #118
CAMBRIDGE, MA 02138

267F-275
RAJAGOPAL, RAGHAVAN & MALINI RAJAGOPAL
C/O MS. MITHILA RAJAGOPAL
1200 MASS AVE #51W
CAMBRIDGE, MA 02138

267F-275
POWERS, WILLIAM J.
25 WHEELER ST. UNIT#116
CAMBRIDGE, MA 02138

267F-275
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