



CITY OF SOMERVILLE, MASSACHUSETTS
OFFICE OF STRATEGIC PLANNING & COMMUNITY DEVELOPMENT
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Case #: ZBA 2010-59
Site: 75 Myrtle Street
Date: November 18, 2010
Recommendation: Conditional Approval

PLANNING STAFF REPORT

Site: 75 Myrtle Street

Applicant Name: T-Mobile Northeast LLC

Applicant Address: 15 Commerce Way Suit B, Norton, MA 02145

Property Owner Name: Somerville Housing Authority

Property Owner Address: 75 Myrtle Street, Somerville, MA 02145

Agent Name: Jackie Slaga

Alderman: Roche

Legal Notice: Applicant T-Mobile Northeast LLC and Owner Somerville Housing Authority seek a special permit with site plan review (SZO §7.11.15.3 and SZO §14) to allow the construction of a wireless communications facility, consisting of two stealth enclosed units with antennas, and a special permit (SZO §4.4.1) to further exceed a non-conforming height. One stealth unit is located on top of the existing penthouse and the other is on the northeast corner of the roof.

Zoning District/Ward: Residence RC

Zoning Approval Sought: Special Permit under SZO §4.4.1, §7.11.15.3, & §14

Date of Application: October 13, 2010

Date(s) of Public Meeting/Hearing: PB 10/21/10 - ZBA 11/03/10

I. PROJECT DESCRIPTION

1. Subject Property: The subject property is an approximately 49,000 sf lot. On the property is a 5 story masonry apartment building, which is approximately 51 ft in height to the rooftop. This will be the first telecommunication provider to be placed on top of the roof.

2. Proposal: The applicant filed an initial proposal to install wireless communications equipment, including 12 antennas, in which nine will be located in a new stealth enclosure on top of the existing penthouse. Three more antennas will be located at the northeast corner of the roof and placed in stealth



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enclosures. This proposal was reviewed by staff and staff recommended that the applicant relocate the nine antennas to a location that would reduce overall height on the structure. The applicant was also asked to provide more photo simulations.

The applicant returned with an updated design that moved the nine antennas to three different areas of the roof, closer to the edge but lower than the penthouse. This alternative design does not require construction on top of the existing penthouse. This is the plan being recommended for approval.

3. Nature of Application: Under SZO §7.11.15.3 establishment of a wireless communications facility requires a Special Permit approval.

4. Surrounding Neighborhood: The surrounding neighborhood is a mix of residential and commercial uses, though primarily residential. This site is the tallest building in this area of the neighborhood.

5. Green Building Practices: None indicated.

6. Comments:

Alderman: Alderman Roche has been contacted, but has not provided comments at this time.

II. FINDINGS FOR SPECIAL PERMIT (SZO§7.11.15.3):

In order to grant a special permit, the SPGA must make certain findings and determinations as outlined in §5.1.4 of the SZO. This section of the report goes through §5.1.4 in detail.

1. Information Supplied: The Staff finds that the information provided by the Applicant conforms to the requirements of §5.1.2 of the SZO and allows for a comprehensive analysis of the project with respect to the required Special Permits.

2. Compliance with Standards: The Applicant must comply "with such criteria or standards as may be set forth in this Ordinance which refer to the granting of the requested special permit."

The Applicant seeks a special permit under §7.11.15.3 of the SZO which requires the applicant to follow guidelines and procedures set forth in Article 14 for the, "regulation of wireless telecommunications facilities so as to allow and encourage such uses in the City with minimal harm to the public health, safety, and general welfare."

Guidelines in Article 14 of the SZO state that antennas should not be located more than 10ft above the roofline, should be located at a minimum of 10ft from the roof edge and below a forty-five degree plane beginning at the cornice of the building. Staff finds that the alternative plan submitted by the applicant addresses this issue.

3. Consistency with Purposes: The Applicant has to ensure that the project "is consistent with (1) the general purposes of this Ordinance as set forth in Article 1, and (2) the purposes, provisions, and specific objectives applicable to the requested special permit which may be set forth elsewhere in this Ordinance, such as, but not limited to, those purposes at the beginning of the various Articles."



The Staff finds that the proposal, as conditioned, is consistent with the purposes set forth in Article 1 of the Zoning Ordinance; and, with those purposes established for the Residence C (RC) district in which the property is located, namely, "To establish and preserve a district for multi-family residential and other compatible uses which are of particular use and convenience to the residents of the district." Staff finds the addition of the antennas and associated equipment, as conditioned, will neither negatively affect the local commercial uses, nor the multi-family character of the residences in the area.

The Staff finds that the proposal as conditioned **is consistent** with the purposes set forth in Article 14 of the Zoning Ordinance as conditioned in this report, to:

- a) *Protect residential areas and land uses from potential adverse impacts of towers and antennas;*
- b) *Encourage the location of telecommunications facilities in non-residential areas;*
- c) *Minimize the total number of towers and antennas throughout the community;*
- d) *Strongly encourage the joint use of new and existing tower sites as a primary option rather than construction of additional single-use towers;*
- e) *Encourage users of towers and antennas to locate them in areas where the adverse impact on the community is minimal;*
- f) *Encourage users of towers and antennas to configure them in ways that minimize the adverse visual impact of the towers and antennas through careful design, siting, landscape screening, and innovative camouflaging techniques;*
- g) *Enhance the ability of the providers of telecommunications services to provide such services to the community quickly, effectively, and efficiently;*
- h) *Consider the public health and safety of communications facilities; and*
- i) *Avoid potential damage to adjacent properties from tower and antenna failure through sound engineering and careful siting of structures.*

4. Site and Area Compatibility: The Applicant has to ensure that the project "(i)s designed in a manner that is compatible with the characteristics of the built and unbuilt surrounding area, including land uses."

Staff finds the project to be compatible with the surrounding area and land uses. Extensive photo simulations were taken from a variety of locations in the neighborhood. The photo simulations indicate the limited impact of the installation on the surrounding neighborhood.



III. RECOMMENDATION**Special Permit under SZO §7.11.15.3**

Based on the above findings, the Planning Staff recommends **CONDITIONAL APPROVAL** of the requested **SPECIAL PERMIT**.

Staff finds that this application complies with the requirements for granting a special permit as set forth under §5.1.4 and Article 14.

Although the Planning Staff is recommending approval of the requested Special Permit, the following conditions should be added to the permits:

#	Condition	Timeframe for Compliance	Verified (initial)	Notes								
1	Approval is for the establishment of five (12) wireless antennas with associated cabling and equipment. This approval is based upon the following application materials and the plans submitted by the Applicant and/or contractor:	Building permit	PLNG.									
	<table><tr><th>Date (OSPCD Stamp)</th><th>Submission</th></tr><tr><td>10/13/2010</td><td>Initial application, submitted to the City Clerk's Office.</td></tr><tr><td>(11/16/10)</td><td>Updated plans and elevations submitted to OSPCD</td></tr><tr><td>(11/4/10)</td><td>Updated photograph renditions submitted to OSPCD</td></tr></table>				Date (OSPCD Stamp)	Submission	10/13/2010	Initial application, submitted to the City Clerk's Office.	(11/16/10)	Updated plans and elevations submitted to OSPCD	(11/4/10)	Updated photograph renditions submitted to OSPCD
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(11/4/10)	Updated photograph renditions submitted to OSPCD											
Any changes to the approved site plan, photograph renditions and/or elevations that are not <i>de minimis</i> must												



2	<i>Compliance with Noise Control Ordinance.</i> Prior to the issuance of a Certificate of Use and Occupancy Permit for the installation of the wireless telecommunications facility, the Applicant shall submit to the Inspectional Services Department, with a copy to the Zoning Board of Appeals, a sound level measurement certified as accurate by a professional acoustician and shall perform such sound level measurements six months after issuance of the certificate of occupancy, with subsequent sound level measurements annually on or before the anniversary date of the original six month measurement to document that all of the Applicant's installed equipment complies and continues to comply with the decibel level standards established by the City of Somerville, Noise Control Ordinance.	Continued	ISD	
3	<i>Compliance with Federal Communications Commission Guidelines for Human Exposure to Electromagnetic Fields.</i> To ensure compliance with the standards established by the Federal Communications Commission Office of Engineering and Technology ("FCC") in OET Bulletin 65 as adopted by Massachusetts Department of Public Health under 105 CMR 122.021, the Applicant shall perform measurements, within two (2) months of the date that the Applicant's wireless telecommunications facility commences operation and at intervals of twelve (12) months thereafter, to establish that the Applicant's wireless telecommunications facility complies and continues to comply with the FCC guidelines and applicable state regulations for human exposure to radio frequency electromagnetic fields for human exposure to radio frequency electromagnetic fields. The Applicant shall provide the results of such measurements with certification of compliance to the City of Somerville, Health Department, with a copy to the Zoning Board of Appeals.	Continued	BOH	
4	Any antenna that is not operated continuously for a period of twelve (12) months shall be considered abandoned, and the owner of such antenna shall remove the same within ninety (90) days of notice from the City of Somerville informing the owner of such abandonment.	Continued	ISD	
5	The applicant shall remove any of that carrier's unused or non-operating wireless equipment prior to installation.	Building permit	PLNG.	
6	The applicant shall identify and inform Planning Staff of any non-operating wireless equipment from any carrier prior to installation. The applicant shall remove the TV antenna on the roof. The applicant shall remove any other carrier's operating equipment from the roof prior to installation if that carrier agrees to allow the applicant to do so. The applicant shall cooperate with Planning Staff in addressing the use and permitting status of Verizon's installation on the roof.	Building permit	PLNG.	



7	The Applicant shall contact Planning Staff at least five working days in advance of a request for a final sign-off on the building permit to ensure the proposal was constructed in accordance with the plans and information submitted and the conditions attached to this approval.	Final signoff	PLNG.	
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**75 Myrtle Street**

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