

**CITY OF MALDEN**  
**Inspectional Services Department**

215 Pleasant Street  
 Malden, MA 02148  
 781.397.7000

Nelson L. Miller Jr. CBO, Building Commissioner

Malden City Council  
 Attn: Jadeane Sica, President  
 215 Pleasant Street  
 Malden, MA 02148

December 13, 2020

Dear President Sica,

The City of Malden Ordinances, Chapter Eleven, Section 11.24.020 requires a review of proposed wireless communication equipment by the Director of the Inspectional Services Department for conformance with the regulations set forth in the ordinance. Please accept this letter as the summary of my review for 20 (twenty) new small cell sites proposed by Verizon Wireless in the following locations:

88 Fellsway East	68 Highland Avenue	77 Pearl Street	89 West Street
339 Pleasant Street	183 Emerald Street	57 Hospital Road	(0) Highland Avenue
122 Maple Street	146 Pearl Street	397 Highland Avenue	91 Adams Street
319 Highland Avenue	154 Highland Avenue	448 Medford Street	19 Chatham Street
20 West Street	557 Pleasant Street	198 Maple Street	1250 Fellsway

All of the proposed installations represent some form on non-conformance with the ordinance. I have broken the 20 installations into two separate groups with each group having the same non-conformities. The following is a summary for the two groups:

**GROUP 1**

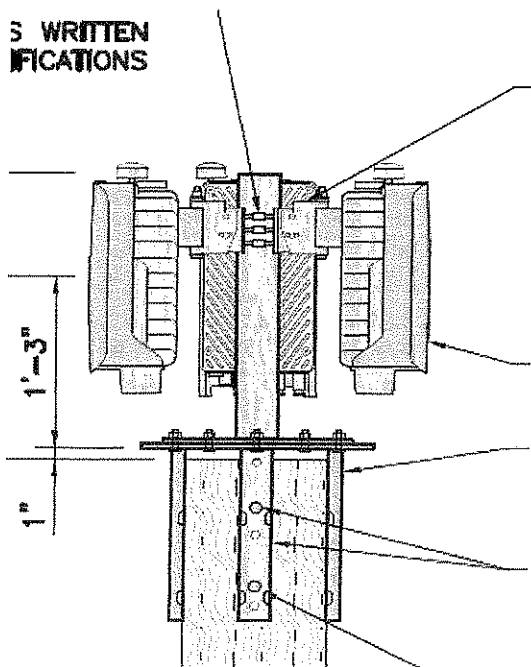
88 Fellsway East	339 Pleasant Street	319 Highland Avenue	557 Pleasant Street
77 Pearl Street	(0) Highland Avenue (Utility Pole # 641)		91 Adams Street
19 Chatham Street	1250 Fellsway		

<u>Design Element</u>	<u>Required</u>	<u>Proposed</u>	<u>Conforms to Ordinance</u>
Antenna Height	48" or less	18.5"	YES
Antenna Width	36" or less	Unknown	Unknown
Cabinet Volume	7 cubic feet or less	Unknown	Unknown
Cables concealed	All	All	YES

Height of equipment above ground level	16 feet	8 feet	NO
Height of equipment above pole	50" or less	25.2" to 48"	YES
Distance of equipment and antenna from pole	4" or less	0" - Equipment Unknown - Antenna	YES Unknown

- The color of the proposed equipment is unknown.
- Compliance of the bracket with wind loads defined by 780 CMR is unknown.
- The equipment is not being attached to a historic or decorative pole.
- It is unknown if the equipment has an adverse effect on adjacent properties or shade trees.
- It is unknown if the equipment has an adverse effect on other utilities.
- The proposed installations are on poles located in the Public Way. The poles are owned by National Grid and a consent form is included with the submission package.
- The radiation and radio frequency affidavits were included with the submission package.
- The applicant has not provided dimensions for the width of the antenna assembly or cabinet.

Antenna assembly as shown on plans:



THE WIDTH OF THIS ANTENNA IS NOT PROVIDED

## GROUP 2

68 Highland Avenue  
122 Maple Street  
448 Medford Street

89 West Street  
146 Pearl Street  
20 West Street

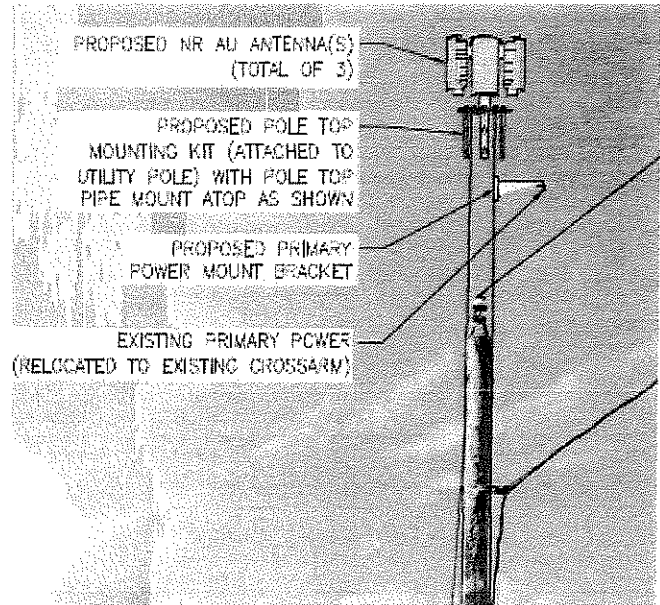
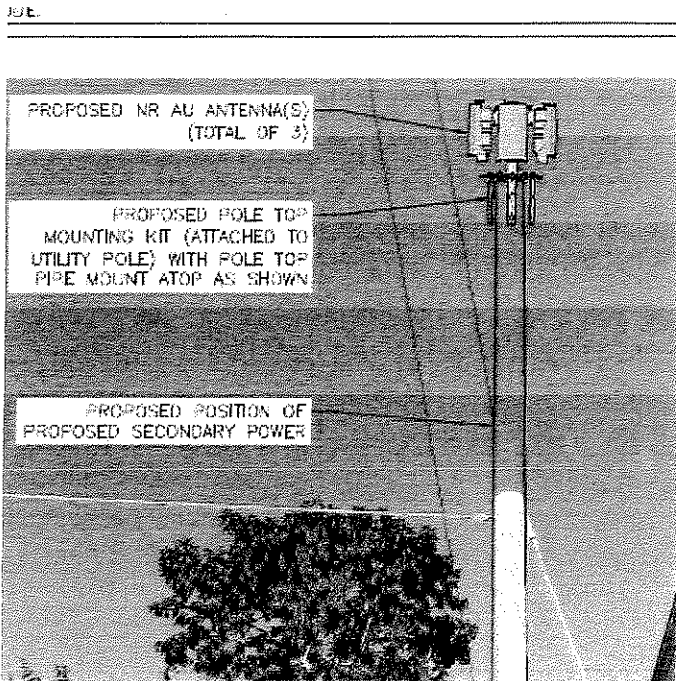
183 Emerald Street  
397 Highland Avenue  
198 Maple Street

57 Hospital Road  
154 Highland Avenue

<u>Design Element</u>	<u>Required</u>	<u>Proposed</u>	<u>Conforms to Ordinance</u>
Antenna Height	48" or less	18.5"	YES
Antenna Width	36" or less	Unknown	Unknown
Cabinet Volume	7 cubic feet or less	Unknown	Unknown
Cables concealed	All	All	YES
Height of equipment above ground level	16 feet	8 feet	NO
Height of equipment above pole	50" or less	68.4" to 140.4"	NO
Distance of equipment and antenna from pole	4" or less	0" - Equipment Unknown – Antenna	YES Unknown

- **The color of the proposed equipment is unknown.**
- Compliance of the bracket with wind loads defined by 780 CMR is unknown.
- The equipment is not being attached to a historic or decorative pole.
- It is **unknown** if the equipment has an adverse effect on adjacent properties or shade trees.
- It is **unknown** if the equipment has an adverse effect on other utilities.
- The proposed installations are on poles located in the Public Way. The poles are owned by National Grid and a consent form is included with the submission package.
- The radiation and radio frequency affidavits were included with the submission package.
- The applicant has not provided dimensions for the width of the antenna assembly or cabinet.

Antenna assembly as shown on plans:



ALL ASSEMBLIES IN GROUP 2 ARE ELEVATED ABOVE THE EXISTING POLES

In summary the proposed installations do not conform to the dimensional requirements of the ordinance. The non-conformities of the Group 1 antennas have been allowed under previous applications. The extension of the existing poles to elevate the equipment at the Group 2 locations has not been proposed previously under this ordinance. The group 2 extensions represent a violation of the ordinance varying from 18.4" to 90.4". The color of the equipment is undetermined and should be established prior to approval. Please do not hesitate to contact me with any questions or concerns.

Respectfully,

Nelson L Miller Jr., CBO  
Building Commissioner / Zoning Officer  
Director – Inspectional Services Department