

Verizon Wireless
1275 John Street, Suite #100
West Henrietta, NY 14586
ATTN: Mr. Brandon Farinaccio

May 9, 2025

**RE: STRUCTURAL/GROUNDING LETTER
PROPOSED TELECOMMUNICATIONS FACILITY
VERIZON WIRELESS SITE: WILMINGTON TOWN
1068 BONNIEVIEW RD, TOWN OF WILMINGTON, ESSEX COUNTY, NY 12997
TECTONIC W.O. 11860.166**

Dear Mr. Farinaccio

Verizon Wireless is proposing a telecommunication facility at the above referenced address. The site includes the installation of a Verizon Wireless antenna array at a centerline height of 100' above ground level (AGL) on a 105' monopole (109' including a 4' lightning rod). The monopole will be designed to accommodate antenna arrays for three (3) additional carriers in addition to the proposed Verizon Wireless installation. The structural loading for each future carrier will include twelve (12) panel antennas along with remote radio units and other related equipment. The make, model, and manufacturer of the proposed monopole will be provided as part of the construction documents to be submitted for the building permit application.

For the purpose of structural design of the monopole, foundation and antenna supports, the most stringent criteria of the 2020 Building Code of New York State and ANSI/TIA-222-H-2017 "Structural Standard for Antenna Supporting Structures and Antennas and Small Wind Turbine Support Structures" will be applied. The proposed installation will be designed by a New York State licensed professional engineer and will meet all of the above listed criteria. The monopole will be designed to resist overturning, shear, and all other failure modes.

For the purpose of lightning protection, the tower, antennas, cabling, ground equipment, utility equipment, fencing, and all related objects will be grounded in accordance with the NEC/NFPA 780, ANSI/TIA-222-H-2017, and all other applicable local, state, and federal standards.

Should you have any questions, please do not hesitate to contact me.

Sincerely,
Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C.



Steven M. Matthews, PE
Director of Engineering



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