

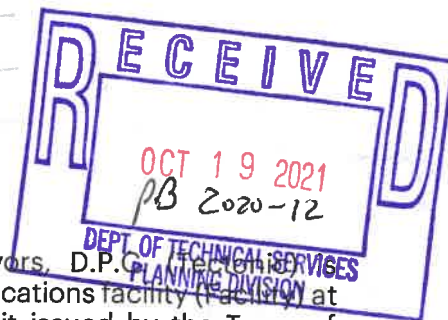


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 C.A.C.
 A.R.C.

Town of Cortlandt
 Department of Technical Services
 1 Heady Street,
 Cortlandt Manor, NY 10567

October 15, 2021

RE: **TECTONIC W.O. 10740.DICKERSONMT** Applicant
VERIZON SITE ID: DICKERSON MOUNTAIN
260 CROTON AVENUE
CORTLANDT MANOR, NY 10567
TOWER CERTIFICATION LETTER
SECTION/BLOCK/LOT: 34.18-1-8
 Sent 10/20/21



To Whom It May Concern,

Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C. Tectonic is presenting this certification for the existing wireless telecommunications facility (Facility) at the above-mentioned property regarding the special use permit issued by the Town of Cortlandt outlined below.

Special Use Permit: **Case No. 2015-10**
 Name of Petitioner: **New York SMSA Limited Partnership D/b/a Verizon Wireless**
 Date Original Permit Granted: **November 18, 2015**

The Facility comprises of a 140' tall monopole, with associated equipment situated in a fenced compound at the base of the tower. The Facility was installed under permit # 20160775 issued by the Town of Cortlandt, which was closed out on August 5, 2019.

The monopole has not been moved, relocated, rebuilt, or repaired since the granting of the original permit.

Subsequent to the original installation, modifications to the existing tower have been made pursuant to the building permits outlined below.

Permit # 20180688: AT&T Colocation. The permit was closed out on May 19, 2021

Permit # 20190787: Verizon Wireless Antenna replacement and related improvements. The permit was closed on February 16, 2021.

Tectonic performed a limited visual inspection of the Facility on October 1, 2021. The purposes of this inspection were:

- To inspect and verify the existing conditions of the monopole structure from ground and a visual inspection of the exposed foundation above grade level.
- To identify and inventory the existing antennas and related appurtenances currently present on the monopole structure

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- To verify the existing condition of the monopole structure.

The field information was subsequently compared with the Structural Analysis Report, prepared by Valmont Structures dated July 26, 2016.

Based on our visual inspection, the existing antenna configuration, mounting attachments, coax cable routing and other related appurtenances substantially matches the existing installations indicated in the structural analyses referenced above.

Our inspection also discovered that the mounting pipes and connections appear to be in good condition. The antenna cables that are routed up along the interior of the pole were also found to be in good condition. No rust was visible along the pole shaft. No structural problems were observed with the exposed portions of the pole base plate, anchor bolts and foundation. Therefore, the overall condition of the structure appears to be good.

Based on the above, the undersigned certifies that the Facility is constructed to meet all local, federal, state and county structural requirements for loads, including wind and ice loads.

The undersigned certifies that the monopole structure and the equipment at the base have been constructed with ground rings around them and have been bonded to the ground ring to provide adequate ground protection for the tower as well as appurtenances and equipment at the base.

Digital photographs were taken during our recent inspection, and copies are enclosed herewith for your reference.

The inspection as mentioned above was done from the ground and was limited for the structural elements and appurtenances that were clearly visible and unobstructed to view on the day of the inspection.

Please contact us if you require any additional information.

Sincerely,

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



Edward Iamiceli, P.E.
Managing Director - Structural





Photo 1: Overall view of the pole



Photo 2: Existing Appurtenances



Photo 3: Pole Base and ground leads