



**TOWN OF WILSON'S MILLS  
ADDITIONAL STANDARDS FOR  
NEW OR CO-LOCATION OF CELL  
TOWER/ANTENNA**

Co-located wireless telecommunication facilities shall be designed to meet the following standards:

- a.** Use of dual-band/multi-band antennas (to allow sharing of antennas or antenna arrays by wireless providers using different frequency bands) or by using combiners (to allow antenna sharing by users of the same frequency band) is encouraged in order to minimize the height of support structures and the visual impact of multiple co-located antennas or antenna arrays.
- b.** Antennas associated with a co-located wireless telecommunication facility shall be mounted so as to present the smallest possible silhouette, profile, or cross-section. Preferred antenna mounting scenarios are, in order of descending preference:
  - i.** Compact dual-polarized antennas in a cylindrical unicell arrangement extending less than two feet from the structure, and mounted atop the tower;
  - ii.** Panel antennas flush-mounted against the tower; and
  - iii.** Antennas mounted at the end of straight or curved davit arms or brackets extending from the sides of the tower.
- c.** No co-located wireless telecommunication facility located on a telecommunication tower shall have constructed thereon, or attached thereto in any way, any platform, catwalk, crow's nest, triangular framework, or like structures or equipment, except during periods of construction or repair.
- d.** All equipment enclosures and other improvements accessory to a co-located wireless telecommunication facility shall be architecturally designed to blend in with the surrounding environment and shall be maintained in good appearance and repair. No equipment enclosure shall exceed 12 feet in height. Ground mounted equipment shall be screened from view with a row of evergreen trees and/or shrubs planted in a landscape strip with a minimum width of five feet, except where a design of non-vegetative screening better reflects and complements the architectural character of the surrounding neighborhood.
- e.** Generators may not be used as a primary electrical power source. Backup generators shall only be operated during power outages or for testing and maintenance purposes. Testing and maintenance shall only take place on weekdays between the hours of 8:30 a.m. and 4:30 p.m.
- f.** Equipment enclosures and other improvements shall be enclosed within a security fence consisting of chain link fencing at least eight feet in height. The fence may be topped with barbed wire.



- g. Signage at any ground-based portion of a co-located wireless telecommunication facility site shall conform to the following provisions:
- i. A sign listing the name of the wireless telecommunication service provider operating the site, the site name or number and an emergency telephone number shall be posted at or near the entrance to the site so as to be readily visible to persons outside the site's security fencing.
  - ii. Equipment hazard warning and informational signs are permitted.
6. A copy of the applicant's FCC license must accompany its application. If the applicant is not an FCC licensee, the applicant must demonstrate that it has binding commitments from one or more FCC licensees to utilize the wireless telecommunication facility and must submit a copy of each such wireless service provider's FCC license.
7. As part of its application, each applicant for a co-located wireless telecommunication facility shall be required to execute a standard maintenance/removal agreement binding the applicant and its successors and assigns to maintain properly the exterior appearance of and ultimately remove the co-located facility within 180 days of the abandonment or cessation of operations of the co-located facility. Abandoned or unused wireless telecommunication facilities shall be removed within 180 days of abandonment or cessation of operations. If not removed within that period, such facilities may be removed as provided in the permittee's maintenance/removal agreement and the costs of removal recovered from the permittee's bond or other security. Prior to removing a wireless telecommunication facility pursuant to this provision, the Town shall give 30 days' written notice of its intention to do so to the permittee at its last known address.
8. Co-located wireless telecommunication facilities shall not be constructed unless the facility owner has general liability coverage of at least \$1,000,000.00. The owner of a co-located wireless telecommunication facility shall provide the Town with a certificate of insurance showing evidence of its coverage and the certificate shall contain a requirement that the insurance company notify the Town 30 days prior to the cancellation, modification or failure to renew the insurance coverage required.
9. Modifications shall be permitted upon existing telecommunications tower facilities as of October 1, 2013 provided, they do not exceed any of the following criteria:
- a. Increase in vertical height of the greater of either: 1) ten percent (10%), or 2) the height of one additional antennae array with separation from the nearest existing array of not more than twenty(20) vertical feet; provided the maximum height of 200 vertical feet is not exceeded.
  - b. Addition of an appurtenance protruding the greater of either: 1) more than twenty (20) feet, or 2) more than the width of the wireless support structure at the elevation of the appurtenance, unless: (i.) necessary to shelter an antenna, and/or (ii.) necessary to connect the antenna to the tower via cable



- c. Increasing the square footage of the existing equipment compound by more than 2,500 square feet; provided all applicable minimum yard area, buffering and screening provisions are maintained.

I, \_\_\_\_\_, with \_\_\_\_\_,  
do hereby state that I have read and understand the attached additional standards and regulations for cell tower co-location. I understand I must adhere to the regulations and remove the equipment within 180 days of discontinued use.

\_\_\_\_\_  
Signature of Responsible Party

\_\_\_\_\_  
Date