

SECTION 14

ANTENNAS, AMATEUR RADIO FACILITIES, SATELLITE DISHES, PERSONAL WIRELESS SERVICE FACILITIES

14.1 CODE COMPLIANCE REQUIRED:

No antenna shall be erected, constructed, maintained or operated in a zoning district except in conformance with the following regulations:

14.2 ANTENNAS

14.2-1 *Antennas with surface areas of 10 square feet or less:* antennas and antenna support structures having a combined surface area not greater than 10 square feet and no single dimension exceeding 12 feet shall be permitted as an accessory use.

14.2-2 *Antennas with surface areas exceeding 10 square feet:* antennas and antenna support structures having a combined surface area greater than 10 square feet or having any single dimension exceeding 12 feet shall be permitted as an accessory use if and only if they comply with the following regulations:

A. *Height Limit for Detached Antennas:* No combination of such antenna and antenna support structure shall, if ground mounted, exceed 65 feet in height.

B. *Attachment to Structure:* No combination of such antenna and antenna support structure shall be attached to a principal or accessory structure unless all of the conditions herein are satisfied.

C. *Height Limitation on Attached Antennas:* No antenna and its support structure shall extend more than 20 feet above the highest point of the building on which it is mounted.

- D. *Mounting:* The antenna and its support structure shall not be attached to or mounted upon any building appurtenance, such as a chimney. The antenna and its support structure shall not be mounted or attached to the front of any principal building or to the side of any building facing a street, including any portion of the building roof facing any street. The antenna and its support structure shall be designed to withstand a wind force of 80 miles per hour without the use of supporting guy wires.
- E. *Advertising, Illumination Prohibited; Color:* No signs, advertising, logos or other mark of any kind shall be permitted on, and no illumination shall be allowed of, any antenna. All antennas must be neutral in color.
- F. *Grounding:* The antenna and its support structure shall be bonded to a grounding rod.
- G. *Additional Standards:* The antenna support structure shall satisfy such other design and construction standards as the Director of Community Development or designee reasonably determines are necessary to ensure safe construction and maintenance of the antenna and its support structure.

14.2-3 *Setback from Street:* No antenna or its support structure shall be erected or maintained closer to any street than the wall of the principal building to which it is accessory that is nearest to such street.

14.2-4 *Setback from Adjacent Buildings:* No antenna or its support structure shall be located in any required side yard or nearer than one-half of the

height of the antenna and support structure to any habitable building on any adjacent property.

- 14.2-5 *Airport Hazard Zoning Regulations:* All antennas shall comply with all applicable provisions of Chapter 26, Airport Hazard Zoning Regulations, of the Lake in the Hills Municipal Code.

14.3 PARABOLIC/SATELLITE TELEVISION ANTENNAS:

A parabolic or dish type television antenna as used herein shall refer to any circular or similarly dish-shaped transmitting or receiving antenna for communications or transmitting or receiving television signals from a satellite. Such antennas greater than 36 inches in diameter shall be permitted as an accessory use if and only if they comply with the following regulations:

- 14.3-1 *Number Limitation:* No more than one such antenna shall be located on any zoning lot.
- 14.3-2 *Size Limitation:* The diameter of the parabolic antenna shall not exceed 10 feet.
- 14.3-3 *Height Limitation:* The maximum height of the installation from ground level at the site shall not exceed 15 feet.
- 14.3-4 *Mounting:* Parabolic antennas shall be ground mounted only. No antenna shall be located in any front or side yard. Each antenna shall be supported by a concrete pier extending below the frost line subject to the approval of the Director of Community Development or designee and all electric or transmission cable shall be underground if the antenna is five feet or greater from the principal structure. Each antenna must be able to withstand up to 60 mph winds.
- 14.3-5 *Advertising, Illumination Prohibited; Neutral Color:* No sign, advertising, or other mark shall be permitted on, and no illumination shall be

allowed of, any antenna. All antennas must be neutral in color.

14.3-6 *Setback:* Parabolic antennas are only permitted in rear yards. All parabolic antennas shall be freestanding and located no closer than 10 feet from any property line measured from the closest point of the antenna to the lot line.

14.3-7 *Permit Requirements:* No such antenna shall be installed until or unless a building permit therefor has been issued by the Community Development Department. No building permit application shall be approved unless the construction plans and specifications accompanying said application comply with the requirements established in this Section. The manufacturer's installation and operational manual or a copy thereof shall be filed with the application. The antenna shall be installed and operational in accordance with the specifications contained in the manufacturer's manual provided, however, that any installation and operation shall otherwise comply with the terms and provisions contained in this Zoning Code. Each application must comply with all terms and provisions of the Building Code of the Village.

14.4 RADIO, TELEVISION TRANSMITTING ANTENNAS, PERSONAL WIRELESS SERVICE FACILITIES ANTENNAS:

14.4-1 *Municipal Code Compliance Required:* Personal wireless service facilities antennas shall comply with the provisions of Chapter 47, Personal Wireless Service Facilities, of the Lake in the Hills Municipal Code.

14.4-2 *Compliance with Airport Regulations Required:* Every antenna shall be in compliance with Chapter 26, Airport Hazard Zoning Regulations of the Lake in the Hills Municipal Code.