

shall not cross or encroach upon any street or other public space, or over above-ground electric utility lines, or encroach upon any privately owned property without written consent of the owner of the encroached-upon property, space or above-ground electric utility lines.

3108.3 Construction. Towers shall be constructed of approved corrosion-resistant noncombustible material. The minimum type of construction of isolated radio towers not more than 100 feet (30 480 mm) in height shall be Type IIB.

3108.4 Loads. Towers shall be designed to resist wind loads in accordance with TIA/EIA-222. Consideration shall be given to conditions involving wind load on ice-covered sections in localities subject to sustained freezing temperatures.

3108.4.1 Dead load. Towers shall be designed for the dead load plus the ice load in regions where ice formation occurs.

3108.4.2 Wind load. Adequate foundations and anchorage shall be provided to resist two times the calculated wind load.

3108.5 Grounding. Towers shall be permanently and effectively grounded.

SECTION 3109 SWIMMING POOLS, ENCLOSURES AND SAFETY DEVICES

3109.1 General. Swimming pools and all appurtenant structures, installations, and equipment shall comply with the requirements of this section and other applicable sections of this code and the Ohio Department of Health rules pertaining to swimming pools and their service equipment (Chapter 3701-31 of the Administrative Code, pursuant to Chapter 3749. of the Revised Code). Private residential swimming pools are not regulated by this code.

3109.1.1 Plan approval. A public swimming pool or appurtenances thereto shall not be constructed, installed, enlarged, or altered until plans for those elements subject to this code have been submitted and approval has been obtained from the building official. All public swimming pools are required to have approval by the Ohio department of health in accordance with Section 3749.03 of the Revised Code prior to application for plan approval. Copies of these approvals shall be obtained by the applicant and submitted as part of the supporting data for the plan approval application.

3109.1.2 Plans. Plans shall accurately show dimensions and construction of the pool and appurtenances and properly established distances to lot lines, buildings, walks and fences, as well as details of the water supply system, drainage and water disposal systems, and all appurtenances pertaining to the swimming pool. Detailed plans of structures, vertical elevations and sections through the pool showing depth shall be included.

3109.2 Definitions. The following words and terms shall, for the purposes of this section and as used elsewhere in this code, have the meanings shown herein.

SWIMMING POOLS. Deleted.

PRIVATE RESIDENTIAL SWIMMING POOL. Any indoor or outdoor structure, chamber, or tank containing a body of water for swimming, diving, or bathing intended to serve a residential structure containing not more than three dwelling units and used exclusively by the residents and their nonpaying guests. Any swimming pool other than a private swimming pool shall be classified as a public swimming pool.

PUBLIC SWIMMING POOL. Any indoor or outdoor structure, chamber, or tank containing a body of water for swimming, diving, or bathing that is intended to be used collectively for swimming, diving, or bathing and is operated by any person whether as the owner, lessee, operator, licensee, or concessionaire, regardless of whether or not a fee is charged for use, but does not mean any public bathing area, private residential swimming pool, or any structure, chamber, and tank that is easily portable when empty with a capacity of no more than 150 gallons (568 L).

RESIDENTIAL SWIMMING POOL. Any indoor or outdoor swimming pool meeting the definition of a "Public swimming pool" and intended to serve a residential structure containing more than three dwelling units and used exclusively by the residents and their nonpaying guests.

3109.3 Public swimming pool enclosures. Public swimming pools shall be completely enclosed by a fence or similar barrier at least 4 feet (1290 mm) in height. Openings in the fence shall not permit the passage of a 4-inch-diameter (102 mm) sphere. The fence or barrier shall be equipped with self-closing and self-latching gates. Gates within the means of egress serving as required exits from buildings shall conform to the requirements of Section 1008.2.

3109.4 Residential swimming pool enclosures. Residential swimming pool enclosures shall comply with Sections 3109.4.1 through 3109.4.3.

Exception: A swimming pool with a power safety cover or a spa with a safety cover complying with ASTM F 1346.

3109.4.1 Barrier height and clearances. The top of the barrier shall be at least 48 inches (1219 mm) above grade measured on the side of the barrier that faces away from the swimming pool. The maximum vertical clearance between grade and the bottom of the barrier shall be 2 inches (51 mm) measured on the side of the barrier that faces away from the swimming pool. Where the top of the pool structure is above grade, the barrier is permitted to be at ground level or mounted on top of the pool structure where the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be 4 inches (102 mm).

3109.4.1.1 Openings. Openings in the barrier shall not allow passage of a 4-inch-diameter (102 mm) sphere.

3109.4.1.2 Solid barrier surfaces. Solid barriers which do not have openings shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints.

3109.4.1.3 Closely spaced horizontal members. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches (1143 mm), the