



CITY OF WINTER SPRINGS

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Swimming Pool Code

ARTICLE IX. SWIMMING POOLS*

***Cross references:** Flood damage prevention, Ch. 8; land development, Ch. 9; nuisances, Ch. 13; planning, Ch. 15; zoning, Ch. 20.

Sec. 6-210. Code adopted.

The city hereby adopts in its entirety that certain code known as the Standard Swimming Pool Code, 1985 Edition, as promulgated by the Southern Building Code Congress International, Inc., except as otherwise provided in this article.

(Ord. No. 461, § 5, 6-26-89)

Sec. 6-211. Definitions.

As used herein, the following words, phrases, terms and their derivations shall have the meanings stated herein.

Pool is a facility containing or intended to contain, water of a total volume greater than twenty-five hundred (2500) gallons, and/or is over twenty-four (24) inches in depth, with surface area exceeding one hundred fifty (150) square feet, used only by an individual citizen and his family or bona fide guests and shall not include ownership, operation or use by any type of club, cooperative housing or joint tenancy of two (2) or more families.

(Code 1974, § 5-141; Ord. No. 2002-31, § 2, 10-28-02)

Sec. 6-212. Application for permit; plans and specifications.

Before any work is commenced on the construction of a pool or any structural alteration, addition or the remodeling thereof, an application for a permit to construct such pool, accompanied by two (2) sets of plans and specifications and pertinent explanatory data, shall be furnished to the building official of the city for his approval, and no part of the work shall be commenced until the building inspector has granted such permit to construct and has further evidenced his approval by a suitable endorsement upon such plans and specifications, and no such pool shall be used until final inspection has been made by the building official. The building official shall review such plans and specifications to determine whether they comply with the provisions of this article and with reasonable standards of swimming pool construction.

(1) The plans, specifications and pertinent data required to be submitted in connection with an application for permit to construct a pool, or any alteration, addition or remodeling thereof shall comply with the following requirements and include the following plans and information, as well as such other data as may be reasonably requested by the building official:

- a. Plans shall be drawn to scale indicating all dimensions, including the length, width and depth of the pool and extent of any perimeter patio slab;
- b. A longitudinal profile plan showing the length, depths, slopes, radii of curvature, thickness of slab, steel reinforcing size and spacing, and concrete cover;
- c. Pipe diagram showing material type, schedule and sizes of all pipes, inlets, outlets, make-up waterlines, vacuum lines, waste and drainage lines, circulation and other piping (including all valves and valve types);

- d. The liquid capacity of the pool;
 - e. Liquid capacity of any wading pool;
 - f. The kind, number and size of filters, including the square footage of the filter area in each unit;
 - g. Top capacity of filters in gallons per minute;
 - h. Plot plan shall be to scale and show lot, block or legal plot. Front, side and rear setbacks shall be shown on this plot plan;
 - i. All pump sizes, capacities, horsepowers and types;
 - j. Source of original and make-up water;
 - k. The elevation of the existing groundwater table and the type and approximate compactness of the soil to a depth of twelve (12) feet; when groundwater table or soil compaction is questionable the building official shall require soil test data and such data is to be utilized in making final determination for requiring compliance with (2)c. below.
- (2) Plans and specifications for pools must bear the seal and signature of a registered structural engineer licensed to practice in the state in any or all of the following instances:
- a. Where pools exceed one thousand (1,000) square feet in area at water level;
 - b. Where pools depart from simple rectilinear or curvilinear shape;
 - c. Where any of the following soil conditions exist at or near the center of the proposed pool location within twelve (12) feet of the surface: Loose to very loose sand; silt, silty sand; or sandy silt; marl; clay; peat; muck or any other soil having high settlement characteristics.

(Code 1974, § 5-142)

Sec. 6-213. Inspections.

- (a) The building inspector, upon notification from the permit holder or his agent, shall make the inspections in this section and such other inspections as may be necessary, and shall either approve that portion of the work as completed, or shall notify the permit holder or his agent wherein the work fails to comply with this article.
- (b) The first inspection shall be made after excavation and reinforcing steel or structural framework is in place; second inspection, plumbing rough-in and electrical rough-in; final inspection, to be made on completion and ready for use.
- (c) During construction, all excavation must be enclosed by fencing which is a minimum of five (5) feet high and capable of preventing access by children. This fence must be in place at the time of the first inspection and remain in place until the pool is completed. This fencing may be of temporary construction or it may be of the permanent type required by section 6-217 above. If of temporary construction, it must be replaced by the permanent enclosure required by section 6-217 of this article prior to issuance by the building official of final approval of the pool.

(Code 1974, § 5-148)

Sec. 6-214. Contractor's qualifications.

No person shall be permitted to construct any family pool unless such person is licensed as a general contractor or a swimming pool contractor.

(Code 1974, § 5-150)

Sec. 6-215. Owner's privilege.

Any bona fide property owner may construct, remodel or add to any family pool or equipment located upon his property which is occupied as a single-family legal residence, provided that he shall not be permitted to build more than one (1) family pool per residence within each calendar year and provided further that he:

- (1) Submits two (2) sets of plans and specifications conforming to this Code complete in all respects as required by this article and obtains a permit to do such work and pay the required permit fees;
- (2) Do and perform or supervise all of the construction work on his property and receive no compensation for his work.

(Code 1974, § 5-151)

Sec. 6-216. Design and construction requirements.

In addition to the requirements set forth in section 6-212 hereof, the building official shall not issue a permit for the construction of any pool, or the structural alteration, addition or the remodeling thereof unless the following design and construction requirements are observed in such construction and such pool shall be constructed and maintained in conformity with the following requirements:

- (1) All pool design and auxiliary equipment shall conform generally to the minimum standards of the National Swimming Pool Institute (latest edition). Where diving equipment is installed, the specifications shall in every instance comply with the minimum standards of the National Swimming Pool Institute and, in addition to meeting such minimum standards, no diving board shall be more than one (1) meter above the water's surface.
- (2) All pool construction shall be so designed as to fully support all imposed live, dead and impact loads.
- (3) All pools constructed in an area of which residual groundwater creates hydrostatic head against the pool structure shall have a suitable hydrostatic underdrain to which a pump may be properly attached.
- (4) Any completed pool shall be absolutely watertight independent of any and all lining material or finishes.
- (5) Steel, plastic, fiberglass, aluminum and other pool structures other than concrete, shall be considered as requiring special consideration of the building official in each case, especially in regard to groundwater conditions, grading, etc.
- (6) Every pool constructed, or hereafter repaired, shall be equipped with a filtration system which shall be designed and be capable of filtering and recirculating the entire volume of the pool water capacity during a twelve-hour period.
- (7) The construction of patio decks around any pool shall slope away from the pool a minimum of three (3) inches in ten (10) feet and shall be designed and made in such manner that all scum, splash and deck water shall not return to the pool except through the filter system.

(Code 1974, § 5-143(a)-(g))

Sec. 6-217. Enclosure required.

All swimming pools must be enclosed by screen enclosure, fence or wall of a minimum height of five (5) feet. The fence or wall shall be constructed in such a manner so as not to be easily climbed and not affording any external handholds or footholds on the outside. Gates shall be same height as the fence or wall and equipped with a self-closing and self-latching closure mechanism at a height above the reach of toddlers. The gate shall be locked or latched at all times when the pool is unattended.

(Code 1974, §§ 5-128, 5-143(h); Ord. No. 426, §§ 1, 2, 9-26-88)

Sec. 6-218. General construction provisions for concrete pools.

All concrete pools shall be designed in accordance with requirements of Serial Designation ACI No. 318-63, as published by the American Concrete Institute.

- (1) Pool walls and floor slabs shall be constructed not less than four (4) inches and five (5) inches respectively and contain a minimum of not less than three-eighths-inch reinforcement steel rods on twelve-inch centers, in both directions. Such reinforcing shall be securely supported at approximate mid-depth of base slabs and walls prior to and following placing concrete.

- (2) The concrete mix shall be designed to secure a compressive strength of not less than three thousand

(3,000) pounds per square inch at twenty-eight (28) days, with a maximum slump of four (4) inches. Concrete shall be kept wet for five (5) days after placing.

(Code 1974, § 5-144)

Sec. 6-219. Yards.

(a) No pool (excluding surrounding patio) shall be located closer to the side yard property line of the lot, parcel or piece of land upon which such pool is located than the distance required by the zoning ordinances of the city for side yards in the zone in which the property is located, plus three (3) feet, not less than ten (10) feet from the rear property line, nor shall any part of the pool structure within and including the coping intrude upon any easement.

(b) No pool shall be located nearer to the front line of the lot, parcel or piece of land than the main or principal building or residence to which the pool is an accessory, except that for waterfront lots a pool shall be located not less than fifteen (15) feet from the present or proposed high-water control level of the lake. All distances shall be measured from six (6) inches outside the inside wall of pool.

(Code 1974, § 5-145; Ord. No. 433, § 1, 9-26-88; Ord. No. 2002-31, § 2, 10-28-02)

Cross references: Land development, Ch. 9; zoning, Ch. 20.

Sec. 6-220. Electrical requirements.

(a) All aboveground electric wiring not in rigid metal conduit adjacent to the pool shall be a minimum of nine (9) feet six (6) inches above ground or patio level (whichever is higher) and shall not be less than a horizontal distance of five (5) feet from the pool water's edge. No electric wiring shall extend over the pool surface.

(b) Electric fixture outlets adjacent to the pool shall be Underwriter-approved weatherproof out-door type with grounding sockets, attached to rigid metal conduit and located a minimum of twelve (12) inches above the ground or patio (whichever is higher) and shall be placed a minimum of five (5) feet from the pool water's edge.

(c) Electric lighting to illuminate any pool or pool patio shall be so arranged and shadowed as to prevent exposure of direct lighting upon adjoining premises.

(Code 1974, § 5-146)

Cross references: Electricity, § 6-101 et seq.

Sec. 6-221. Plumbing requirements.

(a) There shall be no cross connections of the drinking water supply with any other source of water supply for the pool. Any line from the drinking water supply to the pool shall be protected against backflow of polluted water by means of an air gap and shall discharge at least four and one-half (4 1/2) inches above the maximum high-water level of the make-up tank or the pool.

(b) All backwash water, overflow and pool cleanings must be connected to the sewer system where this service is available, or to a tile field, or a dry well approved by the city where such sewer service is not available. In no instance shall pool waters be emptied on any street, alley, sidewalk, gutter, public reservation or open lot in the city. Pool waters not emptied into sewers shall be completely contained upon the pool owner's property.

(Code 1974, § 5-147)

Cross references: Plumbing, § 6-126.

Sec. 6-222. Nuisances.

(a) It is the responsibility of the pool owner to see that the operation of his pool does not cause undue noise or excess lighting which might prevent the enjoyment by adjoining property owners of their property.

(b) Upon construction of a swimming pool, the owner or persons responsible for its operation shall keep

in service all items designed for the purification of the water supply or its protection from pollution to perform adequately the function for which such were designed.

(c) If any pool shall be allowed to contain stagnant or foul water or water containing more than 1,000 M.P.N. of E. coli, the city shall give the owner of the pool fifteen (15) days' notice to correct the deficiency. Should any owners not comply with the provisions of this section by draining or cleaning such pool, the city may then proceed with such work and the cost thereof shall be charged against the owners of the land and shall remain a lien against such land until paid. Failure by the owner to proceed within the fifteen-day period shall also be a violation of this article and punishable in accordance with section 1-15.

(Code 1974, § 5-149)

Cross references: Nuisances, Ch. 13.

Sec. 6-223. Conflict with deed restrictions.

In instances where deed restrictions specify criteria for placement or construction of family swimming pools that vary from the provisions of this Code, the provisions of the most restrictive shall apply.

(Code 1974, § 5-152)

Secs. 6-224--6-239. Reserved.