



DIVISION 4. - SWIMMING POOL ENCLOSURES

2021 INTERNATIONAL SWIMMING POOL AND SPA CODE

Compliance required

Every swimming pool in this village shall comply with the requirements of this division.

Location

All swimming pools shall be constructed so as to be not less than three feet from a building or from a side or rear lot line. It shall not be in front of the prescribed setback line as set forth for the various districts in [chapter 62](#) of this Code.

Electrical wires and conductors

No overhead electric wires or conductors shall cross any part of the pool area or be located within ten feet of either side of the pool line.

Fencing

(a) Every swimming pool shall be completely enclosed by a fence or other substantial structure, not less than four feet in height, with no openings therein (other than doors or gates) larger than four inches square.

(b) All gates or doors opening through the enclosing fence or structure shall be equipped with self-closing and self-latching devices capable of keeping the door or gate securely closed at all times when not in use, and such devices shall be placed toward the top of the gate or door so as to be beyond the reach of small children.

(c) Fences and gates shall be constructed of a material approved by the Chief Building Inspector as meeting the objective of visibility and safety, and the same shall be maintained in good condition and repair at all times.

(d) Swimming pools with a pool wall or with a self-contained fence integral with the pool wall, having a total height of pool wall or of combined pool wall and fence of at least four feet from ground level, shall be considered as having complied with the fence requirement of this section.

Other barriers

A stone wall, dwelling house or accessory building or other substantial structure may form a part of the swimming pool enclosure or may be used in place of the fence, gate and latch described herein if approved by the chief building inspector as rendering the same degree of protection as is afforded by such fence, gate and latch, and meets the definition of "fence" as set out in [section 12-194](#).

Safety ladders; handrails; steps

Every swimming pool with a self-contained fence shall be equipped with an outside safety ladder which shall be removable or of the retractable type, so that the same may be removed or may be raised and locked in its raised position so as to render the pool area inaccessible. Safety ladders shall be constructed with a handrail on both sides and shall contain steps with a non-slip material.

Covering

A suitable and substantial protective covering shall be installed on all pool surfaces when not used for a period of 30 days. The protective covering shall be capable of withstanding five pounds per square foot when the pool is filled with water.

Permit required

It shall be unlawful for any person to install or construct a swimming pool in the village before a permit for such work is first obtained from the Chief Building Inspector.

Inspection

It shall be the duty of the Chief Building Inspector to inspect the construction, installation, alteration and repair of every swimming pool, fence or other enclosing structure and to periodically inspect all such swimming pools to ensure compliance with the provisions of this division. If inspection discloses that construction, installation, alteration, or the condition of any pool is in violation of the provisions of this division, the Village Manager shall direct that the pool be closed until such violation is corrected.

Penalty

Any person constructing, altering, repairing, installing or maintaining a swimming pool in violation of this division shall be subject to a penalty as provided in [1-12](#) of this Code.

680.22 Area Lighting, Receptacles, and Equipment
2023 NATIONAL ELECTRICAL CODE

(A) Receptacles

(1) Circulation and Sanitation System, Location. Receptacles that provide power for water-pump motors or for other loads directly related to the circulation and sanitation system shall be located at least 10 feet from the inside walls of the pool, or not less than 6 feet from the inside walls of the pool if they meet all of the following conditions:

- (1) Consist of single receptacles
- (2) Employ a locking configuration
- (3) Are of the grounding type
- (4) Have GFCI protection

(2) Other receptacles, Location. Other receptacles shall be not less than 6 feet from the inside walls of a pool.

(3) Dwelling Unit(s). Where a permanently installed pool is installed at a dwelling unit(s), no fewer than one 125-volt, 15- or 20-ampere receptacle on a general-purpose branch circuit shall be located not less than 6 feet from, and not more than 20 feet from, the inside wall of the pool. This receptacle shall be located not more than 6 feet 6 inches above the floor, platform, or grade level serving the pool.

Swimming Pool Electrical Tie-In

Minimum Clearance Near Swimming Pools

Electrical – No overhead electric wires or conductors shall cross any part of the pool area or be located within ten (10) feet of either side of the pool (measured horizontally). Underground service cable shall not be permitted under the pool or within five (5) feet of the inside wall of the pool. When space limitations prevent service cable from being routed five feet or more from the pool, such cables must be installed 24 inches deep in 4-inch conduit at resident's expense.

- 1. Size of underground conductor – 12 GA minimum
- 2. Pipe size ½ minimum
- 3. Depth 12" deep
- 4. U.F. wire depth – can be used 12/2 with a ground 18" minimum
- 5. GFCI receptacle or GFCI breaker
- 6. Outlet should be no closer than 6 feet from pool

No extension cords are allowed for motor pump

1/2x8' ground rod connected to pump motor

Hot Tub Electrical Tie-In

Minimum Clearance Near Hot Tub

- 1. Horizontal limit of aerial clearance will not measure less than 10 feet from the inside wall of the hot tub.
- 2. Underground service cable shall not be permitted under the hot tub or within 5 feet of the inside wall of the hot tub. When space limitations prevent service cable from being routed 5 feet or more from the pool, such cables must be installed 24 inches deep in 4-inch conduit at resident's expense.

Village of Brookfield – Code of Ordinances – Swimming Pools

Date: _____

Please advise on the type of fence and/or ladder you are installing:

I certify that the items listed below are included as part of a complete building permit application and I have read and understand the Village of Brookfield’s Code Ordinances regarding swimming pools stated in this packet:

- Completed and signed Building Permit Application form
- If project is to be completed using a contractor, the applicant is to provide a copy of the signed contract in connection with the proposed work and ensure that the contractor is registered with the Village of Brookfield.
 - If project is to be completed without contractor assistance, the property owner is to provide both (a) a detailed scope of work/materials list and (b) signed property owner’s waiver accepting liability for the performed work.*
- A copy of the legal plat of survey indicating where the pool is being installed
- Pool specifications from manufacturer
- All swimming pools shall be constructed so as to be not less than three feet from a building or from a side or rear lot line as stated in Section 12-232 of the Village of Brookfield Code.
- No overhead electric wires or conductors shall cross any part of the pool area or be located within ten feet of either side of the pool line as stated in Section 12-233 of the Village of Brookfield Code.

I have read and acknowledged the guidelines for installing/constructing a swimming pool within the Village of Brookfield. I agree to comply with all criteria stated within the code.

Name Printed

Signature

Property Address

Phone Number