

**Village of Northbrook – Building Code Amendments
2018 ISPC**

**Chapter 6 - BUILDING AND CONSTRUCTION REGULATIONS
ARTICLE X. - SWIMMING AND OTHER POOLS**

Sec. 6-151. - Adoption of the International Swimming Pool and Spa Code.

There is hereby adopted by the Village the 2018 International Swimming Pool and Spa Code, as hereinafter amended (hereinafter the "Swimming Pool and Spa Code"). At least one copy of the International Swimming Pool and Spa Code has been on file in the office of the village clerk for a period of at least thirty (30) days prior to the adoption of these provisions and now are and remain on file in the office of the Village Clerk, and the same are hereby adopted and incorporated as fully as if set out at length herein. The provisions of the International Swimming Pool and Spa Code, 2018 edition, published by the International Code Council, Inc., are hereby adopted by this reference, subject only to the additions, deletions and modifications specifically set forth in section 6-152 of this Code.

Sec. 6-152. - Additions, deletions and modifications of the International Swimming Pool and Spa Code.

The following sections of the aforesaid International Swimming Pool and Spa Code, 2018 edition are hereby amended, deleted or modified as hereinafter set forth:

1. **Subsection 101.1 Title.**

Insert "the Village of Northbrook, Cook County, Illinois" for [name of jurisdiction].

2. **Subsection 102.7.2 Illinois State Plumbing Code.** Add a new subsection 102.7.2 to read as follows:

102.7.2 Illinois State Plumbing Code. Whenever a reference is made to the International Plumbing Code or Chapter 29 of this code, such reference shall be deemed to refer to the applicable section of the Illinois State Plumbing Code, as adopted by the Village of Northbrook.

3. **Section 103. Department of Building Safety.** Change only the title of this Section to delete reference to the Department of Building Safety and read as follows:

Section 103 Department of Development and Planning Services.

4. **Subsection 103.1 Creation of enforcement agency.** Delete the sentence in its entirety and replace it with the following.

103.1 Creation of enforcement agency. The code official shall be a member of the Department of Development and Planning Services, as established by the Northbrook Municipal Code.

5. **Subsection 105.5.3 Expiration.** Delete this Subsection in its entirety and replace it with the following:

105.5.3 Expiration and Time Extensions. Permits shall expire in accordance with the limits established in Sec. 6-6 of the Northbrook Municipal Code. Extensions may be granted for expired permits in accordance with the standards and procedures established in Sec. 6-6 of the Northbrook Municipal Code.

6. **Subsection 105.5.5 Suspension or Revocation of permit.** Delete this Subsection in its entirety and replace it with the following:

105.5.5 Suspension, revocation or surrender. The code official is authorized to suspend or revoke a permit issued under the provisions of this code wherever the permit

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is issued in error or on the basis of incorrect, inaccurate or incomplete information, or in violation of any ordinance or regulation or any of the provisions of this code. A permit may also be voluntarily surrendered in accordance with the standards and procedures of Sec. 6-7 of the Northbrook Municipal Code.

7. **Subsection 105.6 Fees.** Delete this subsection and the related subsections in their entirety.
8. **Section 107. Violations.** Delete this section in its entirety.
9. **Section 108. Appeals.** Delete this section in its entirety.
10. **Subsection 305.1 General.**
11. **305.1 General (Fencing).** Amend the language in Section 305.1 to delete the last sentence and remove references to spas, so it reads as follows:

305.1 General. The provisions of this section shall apply to the design of barriers for pools. ~~and spas.~~ These design controls are intended to provide protection against the potential drowning and near drowning by restricting access to such pools ~~or spas.~~ These requirements provide an integrated level of protection against potential drowning through the use of physical barriers and warning devices restricting entry into areas having pools and spas. ~~Where spas or hot tubs are equipped with a lockable safety cover complying with ASTM F1346 and swimming pools are equipped with a powered safety cover that complies with ASTM F1346, the areas where those spas, hot tubs or pools are located shall not be required to comply with Sections 305.2 through 305.7~~

12. **Subsection 305.2.1 Barrier height and clearance.** Change the title of this subsection to insert the fence in parentheses and increase the minimum height from 48 inches to 60 inches, and add subparagraphs 5 through 8, so the subsection reads as follows:

305.2.1 Barrier (fence) height and clearances. Barrier heights and clearances shall be in accordance with all of the following:

1. The top of the barrier shall be not less than 60 inches above grade where measured on the side of the barrier that faces away from the aquatic vessel. Such height shall exist around the entire perimeter of the vessel and for a distance of 3 feet (914 mm) where measured horizontally from the required barrier.
2. The vertical clearance between grade and the bottom of the barrier shall not exceed 2 inches (51 mm) for grade surfaces that are not solid, such as grass or gravel, where measured on the side of the barrier that faces away from the vessel.
3. The vertical clearance between a surface below the barrier to a solid surface, such as concrete, and the bottom of the required barrier shall not exceed 4 inches (102 mm) where measured on the side of the required barrier that faces away from the vessel.
4. Where the top of the vessel structure is above grade, the barrier shall be installed on grade or shall be mounted on top of the vessel structure. Where

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the barrier is mounted on the top of the vessel, the vertical clearance between the top of the vessel and the bottom of the barrier shall not exceed 4 inches (102 mm).

5. A fence on adjoining property or a building or existing wall complying with the requirements specified in this section may be used as part of the enclosure, with the approval of the director of building and development, if the resultant enclosure is sufficient to make the pool inaccessible to small children. If at any time said existing fence or wall being used as part of the enclosure is removed, the enclosure of the pool shall immediately be made to meet the requirements of the section at the pool owner's expense.
6. All gates shall be kept locked when the pool is not attended by a responsible swimmer.
7. Indoor pools need not be fenced when enclosed by other means so as to make the pool inaccessible to small children.
8. Prior to pool filling it shall be the pool contractor's responsibility to secure the pool area in accordance with this section.

13. **Subsection 305.4 Structure wall as a barrier.** Increase the minimum height from 48 inches to 60 inches in the first sentence so the subsection reads as follows:

305.4 Structure wall as a barrier. Where a wall of a dwelling or structure serves as part of the barrier, doors and operable windows with a sill height of less than 60 inches that provide direct access to the aquatic vessel through the wall, shall be equipped with one or more of the following:

1. An alarm that produces an audible warning when the door or its screen or window, is opened. The alarm shall be listed and labeled as a water hazard entrance alarm in accordance with UL 2017. In dwellings or structures not required to be Accessible units, Type A units or Type B units, the deactivation switch shall be located 54 inches (1372 mm) or more above the threshold of the door. In dwellings or structures required to be Accessible units, Type A units or Type B units, the deactivation switch shall be located not greater than 54 inches (1372 mm) and not less than 48 inches (1219 mm) above the threshold of the door.
2. A safety cover that is listed and labeled in accordance with ASTM F 1346.
3. An approved means of protection, such as self-closing doors with self-latching devices, provided that the degree of protection afforded is not less than the protection afforded by Items 1 or 2.

14. **Subsection 305.5 Pool structure as a barrier.** Increase the minimum height from 48 inches to 60 inches in subparagraph 1 so the subsection reads as follows:

305.5 Pool structure as a barrier. Where an on-ground residential pool structure is used as a barrier or where the barrier is mounted on top of the pool structure, the following shall apply:

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1. An on-ground pool wall, itself, shall be permitted to be the barrier where the pool structure is on grade and the wall is at least 60 inches above grade for the entire perimeter of the pool and complies with the requirements of Section 305.2.
2. Where the means of access is a ladder or steps, the ladder or steps shall be capable of being secured, locked or removed to prevent access or the ladder or steps shall be surrounded by a barrier that meets the requirements of this section.
3. When the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a 4 inch (102 mm) diameter sphere.
4. The barrier shall be installed in accordance with the manufacturer's instructions.

15. Subsection 902.2 Fence or cover requirements. Add a new subsection to read as follows:

902.2 Fence or cover requirements. Permanent residential spas and permanent residential exercise spas shall either meet the barrier (fence) requirements of Subsection 305 or have a securely fitting, tightly locking cover.

Secs. 6-153 – 6-180. - Reserved.