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4876 HIGHWAY 1 • MATHEWS, LA 70375
P.O. BOX 425 • MATHEWS, LA 70375
985.537.7603 • 800.794.3160 • FAX 985.532.8292

Archie Chaisson, III, *Parish President*

Building Permit Department

Pool Barrier Requirements – ISPSC Section 305

****Must be signed by Property Owner AND Contractor****

Fence

1. Top of barrier shall be at least 48 inches above grade. Maximum vertical clearance between grade and the bottom of the barrier shall be 2 inches [ISPSC 305.2.1].
2. Where the top of the pool structure is above grade, such as above ground pool, the barrier may be at ground level or mounted on top of the pool structure. Where the barrier is mounted on top of the pool structure, the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be 4 inches [ISPSC 305.2.1 (4)].
3. Openings in the barrier shall not allow the passage of a 4 inch-diameter sphere [ISPSC 305.2.2].
4. Solid barriers that do not have openings shall not contain indentations or protrusions, except for normal construction tolerances and tooled masonry joints [ISPSC 305.2.3].
5. 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, the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed 1-3/4 inches in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1-3/4 inches in width [ISPSC 305.2.5].
6. Where the barrier is composed of horizontal and vertical members, and the distance between the tops of the horizontal members is 45 inches or more, spacing between vertical members shall not exceed 4 inches. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1-3/4 inches in width [ISPSC 305.2.6].
7. Maximum opening formed by a chain link fence shall not be more than 1-3/4 inch, unless the fence has slats fastened at the top and bottom which reduce the openings to not more than 1-3/4 inches [ISPSC 305.2.7].
8. Where the barrier is composed of diagonal members the maximum opening formed by the diagonal members shall not be more than 1-3/4 inches. The angle of diagonal members shall be not greater than 45 degrees from vertical [ISPSC 305.2.8].
9. Poolside barrier setbacks. The pool or spa side of the required barrier shall be not less than 20 inches from the water's edge [ISPSC 305.2.10].

Gates

1. Access gates shall comply with all of the requirements for the fence and shall be equipped to accommodate a locking device [ISPSC 305.3].
2. Pedestrian access gates shall open outward away from the pool, and shall be self-closing and have a self-latching device [ISPSC 305.3].
3. Gates other than pedestrian access gates shall remain locked when not in use [ISPSC 305.3.1].
4. Where the release mechanism of the self-latching device is located less than 54 inches from the bottom of the gate, the release mechanism and openings shall be located on the pool side of the gate at least 3 inches below the top of the gate and the gate and barrier shall have no opening larger than 1/2 inch within 18 inches of the release mechanism [ISPSC 305.3.3].

Glazing Hazardous Location

1. Windows or any other glass panel is located less than 60 inches from the pool edge and less than 60 inches from the walking surface directly in front of it, shall be tempered glazing. This applies to new or existing windows [IRC 308.4.5].

Door and Window Alarms

1. Where a wall of a dwelling serves as part of the barrier and where doors or windows provide direct access to the pool or spa through that wall the following shall apply. All operable windows having a sill height of less than 48 inches above the indoor finished floor and doors shall have an alarm that produces an audible warning when the window, door or their screens are opened. The alarm shall be listed and labeled as a water hazard entrance alarm in accordance with UL 2017. The deactivation switch shall be located at least 54 inches above the threshold of the door [ISPSC 305.4(1)]. **Exception – Alarms not required if the pool is equipped with a powered safety cover in compliance with ASTM F1346 [ISPSC 305.4(2)].**

NOTE: Household security alarms do NOT meet this code requirement.

Above Ground Pools

1. Where an above-ground pool structure is used as a barrier, the top of the pool wall shall not be less than 48 inches from grade, comply with requirements of ISPSC 305.2 (fence requirements above) and be allowed by the pool manufacture to serve as a barrier [ISPSC 305.5(1)].
2. Where a barrier is mounted on top of an above-ground pool, the top of the barrier shall not be less than 48" above grade, and the pool wall and barrier on top of the pool wall comply with the requirements of ISPSC 305.2 [ISPSC 305.5(2)].
3. Where an above-ground pool structure or barrier mounted on top of an above-ground pool is used as a barrier, the ladders or steps used as means of access to the pool shall be capable of being secured, locked, or removed to prevent access except where the ladder or steps are surrounded by a barrier that meets the requirements of ISPSC section 305.2 (fence barrier requirements listed above) [ISPSC 305.5(3)].
4. Openings created by the securing, locking or removal of ladders and steps from an above-ground pool where a barrier is mounted on top of the pool, openings shall not allow the passage of a 4-inch diameter sphere [ISPSC 305.5(4)].

Prohibited Locations

1. Barriers shall be located to prohibit permanent structures, equipment or similar objects from being used to climb them. There shall be a clear zone of not less than 36 inches between the exterior of the barrier and any permanent structures or equipment such as pumps, filters and heaters that can be used to climb the barrier [ISPSC 305.2.9].

I agree to comply with all requirements of the International Swimming Pool & Spa Code including the barrier requirements listed above. I understand that final Inspection will not be approved and occupancy of the swimming pool will not be granted until all code requirements are met.

Contractor: _____ **Date:** _____

Property Owner: _____ **Date:** _____