



Pool Barrier Requirements

225-228-3200 | 11207 Proverbs Avenue, St. George, LA 70816 | stgeorgela.gov

Pool Barrier Requirements – ISPSC Sec. 305

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

Construction Fencing Required

The construction sites for in-ground swimming pools and spas shall be provided with construction fencing to surround the site from the time that any excavation occurs up to the time that the permanent barrier is completed. The fencing shall be not less than 5 feet in height.

Fence

1. The top of the barrier shall be at least 60 inches above grade.
2. The maximum vertical clearance between grade and the bottom of the barrier shall be 2 inches.
3. Openings in the barrier shall not allow the passage of a 4-inch sphere.
4. Solid barriers which do not have openings, such as masonry or stone wall, shall not contain indentations or protrusions, except for normal construction tolerances and tooled masonry joints.
5. Where the barrier is composed of vertical and horizontal 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 $\frac{3}{4}$ inches in width. Where there are decorative cut outs within the vertical members, spacing within the cut outs shall not exceed 1 $\frac{3}{4}$ inches in width.
6. Where the barrier is composed of vertical and horizontal 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 cut outs within the vertical members, spacing within the cut outs shall not exceed 1 $\frac{3}{4}$ inches in width.
7. Maximum mesh size for chain link fence shall be a 1 $\frac{3}{4}$ inch square, unless the fence has slats fastened at the top and bottom which reduce the openings to not more than 1 $\frac{3}{4}$ inches.
8. Where the barrier is composed of diagonal members, such as a lattice fence, the maximum opening forms by the diagonal members shall not be more that 1 $\frac{3}{4}$ inches.
9. The inside of a mesh fence shall be not closer than 20 inches to the nearest edge of the water of a pool or spa.

Clear Zone





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Where equipment, including pool equipment such as pumps, filters, and heaters, is on the same lot as a pool or spa and such equipment is located outside of the barrier protecting the pool or spa, such equipment shall be located not less than 36 inches from the outside of the barrier.

Doors and Gates

Doors and gates in barriers shall comply with the requirements be equipped to accommodate a locking device. Pedestrian access doors and gates shall open outward away from the pool or spa, shall be self-closing and shall have a self-latching device.

Utility or Service Doors and Gates.

Doors and gates not intended for pedestrian use, such as utility or service doors and gates, shall remain locked when not in use.

Double or Multiple Doors and Gates

Double doors and gates or multiple doors and gates shall have not fewer than one leaf secured in place and the adjacent leaf shall be secured with a self-latching device.

Latch Release

For doors and gates in barriers, the door and gate latch release mechanisms shall be in accordance with the following:

1. Where door and gate latch release mechanisms are accessed from the outside of the barrier and are not of the self-locking type, such mechanism shall be located above the finished floor or ground surface in accordance with the following:
2. At residential pools and spas, not less than 54 inches.
3. Where door and gate latch release mechanisms are of the self-locking type such as where the lock is operated by means of a key, an electronic opener, or the entry of a combination into an integral combination lock, the lock operation control and the latch release mechanism shall be located above the finished floor or ground surface in accordance with the following:
4. At residential pools and spas, at not greater than 54 inches.

Barriers adjacent to latch release mechanisms.

Where a latch release mechanism is located on the inside of a barrier, openings in the door, gate, and barrier within 18 inches of the latch shall not be greater than 1/2 inch in any dimension.





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Where the release mechanism of the self-latching device is located less than 54 inches from the bottom of the gate, the release mechanism shall be located on the pool side of the gate, at least 3 inches below the top of the gate. The gate and barrier shall have no opening larger than ½ inch within 18 inches of the release mechanism.

Structure Wall as A Barrier

Where a wall of a dwelling or structure serves as part of the barrier and where doors, gates or windows provide direct access to the pool or spa through that wall, one of the following shall be required:

1. Operable windows having a sill height of less than 60 inches above the indoor finished floor, doors and gates 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.
2. In dwellings not required to be Accessible units, Type A units or Type B units, the operable parts of the alarm deactivation switches shall be located at not less than 54 inches above the finished floor.
3. In dwellings that are required to be Accessible units, Type A units or Type B units, the operable parts of the alarm deactivation switches shall be located not greater than 54 inches) and not less than 60 inches above the finished floor. Rev. 12-16-22 Page 3 of 3
4. In structures other than dwellings, the operable parts of the alarm deactivation switches shall be located not greater than 54 inches and not less than 48 inches (1220 mm) above the finished floor.
5. A safety cover that is listed and labeled in accordance with ASTM F1346 is installed for the pools and spas.
6. An approved means of protection, such as self-closing doors with self-latching devices, is provided. Such means of protection shall provide a degree of protection that is not less than the protection afforded by Item 1 or 2.

Door and Window Alarms

Where a wall of the dwelling serves as part of the barrier, doors with direct access to the pool shall be equipped with an alarm which produces an audible warning when the door is opened. The alarm shall be listed and labeled in accordance with UL 2017. The deactivation switch shall be located at least 54 inches above the threshold of the door.





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Above Ground Pools

1. Where an above ground pool structure is used as a barrier, or where the barrier is mounted on top of the pool, and means of access is a ladder or step, the ladder or steps shall be capable of being locked or removed to prevent access.
2. The ladder or steps shall be surrounded by a barrier which meets all other barrier requirements.
3. When the ladder or steps are secured, locked, or removed, any opening created shall not allow the passage of a 4-inch sphere.

Glazing Hazardous Location

Glazing in walls, enclosures or fences containing or adjacent to hot tubs, spas, whirlpools, saunas, steam rooms, bathtubs, showers and indoor or outdoor swimming pools where the bottom exposed edge of the glazing is less than 60 inches (1524 mm) measured vertically above any standing or walking surface shall be a hazardous location. This shall apply to single glazing and each pane in multiple glazing. Exception: Glazing that is more than 60 inches, measured horizontally, from the water's edge of swimming pool.

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. I understand that a separate fence permit may be required in order to meet these requirements.

Contractor: _____

Date: _____

Property Owner: _____

Date: _____





Swimming Pool Permit Application

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Requirements for Obtaining a Swimming Pool Permit

**** Pool permits must comply with all applicable local and state regulations, as well as the requirements of the City of St. George, whichever is more stringent. ****

1. Completed Swimming pool permit application
2. Submit a completed flood zone determination application
3. Plans must contain the following information:
 - a. Graphic Scale and North Arrow
 - b. The pool plot plan must show the pool location compared to the labeled property lines, private and public servitudes, setbacks and all structures on property.
 - c. Location, dimension, and depth of proposed improvements (including pool, spa, fencing, decking, pool equipment, etc.)
 - d. Location of exits (steps, ladders, and/or shallow areas). Location of windows within 5 feet of pool.
 - e. Grading plan with contours or elevations and any proposed drainage improvements.
 - **EXCEPTION:** When no change is made to the natural grade of the lot, no drainage plan will be required. Outside elevations of pool and decking are still required. However, a note on the plans stating that no grading change will be altered due to the proposed improvements and all earthwork material is removed from the site is required. Any project found to be in violation of this will be issued a Stop Work Order from the City of St. George.
 - f. Fill is not to be placed in a manner that encroaches into any setbacks required by the final plat.
 - All projects that involve Flood Plain Mitigation must fully comply with UDC Sec. 7:15.21.F *Use of Fill Material Restrictions*.
 - g. If tree removal is taking place, please refer to the St. George Land Clearing Permit Application. <https://stgeorgela.gov/media/zrghv4ol/land-clearing-permit-application.pdf>
 - h. Erosion Control Plan
 - Must comply with all East Baton Rouge Parish requirements. For further details, please refer to the East Baton Rouge *Erosion and Sediment Control (ESC) Map – Checklist Requirements* and *Stormwater and Drainage Design Information* documents. <https://www.brla.gov/2693/Environmental-Landscape>
 - Contractor is responsible for maintaining all Stormwater BMPs
4. Submit any applicable Hold Harmless agreements and/or Letters of No Objection.
5. If a new fence is proposed, an approved fence permit is required prior to the issuance of this pool permit.
 - a. Provide a completed Pool-Fence Barrier Affidavit
 - <https://stgeorgela.gov/media/pjdlgb0e/pool-fence-barrier-affidavit.pdf>
 - b. Existing and proposed fencing location, size and material shall be shown on the plans.
6. Electrical Permit (To be pulled by Electrical Contractor – fees included in Swimming Pool Permit)
 - a. Electrical permit is required prior to any inspection





Swimming Pool Permit Application

7. Swimming pool must be in complete compliance with Chapter 3, Section 304 (Flood Hazard Areas) of the 2021 ISPCS Code and Commentary (Swimming Pool).
 - a. Pools and spas located in flood hazard areas indicated within the International Building Code or the International Residential Code shall comply with Section 304.2.1 or 304.2.2.
 - b. Where pools and spas are located in designated floodways, documentation shall be submitted to the code official that demonstrates that the construction of the pools and spas will not increase the design flood elevation at any point within the jurisdiction.
 - c. Where pools and spas are located where design flood elevations are specified but floodways have not been designated, the applicant shall provide a floodway analysis that demonstrates that the proposed pool or spa and any associated grading and filling, will not increase the design flood elevation more than 1 foot (305 mm) at any point within the jurisdiction.
 - d. Equipment shall be elevated to or above the design flood elevation or be anchored to prevent flotation and protected to prevent water from entering or accumulating within the components during conditions of flooding.
 - e. Electrical equipment installed below the design flood elevation shall be supplied by branch circuits that have ground-fault circuit interrupter protection for personnel.

Inspections Required for Swimming Pool

1. **Electrical bonding [NEC 680.26 B]**
 - a. Conductive pool shells (Gunitite Pools)
 - b. Perimeter surfaces (3' beyond edge of pool)
 - c. Metallic components
 - d. Underwater lighting
 - e. Metal fittings
 - f. All electrical equipment
 - g. Metal raceways
 - h. Pool Water-- 9 sq. in. of metal in constant contact with the water [NEC 680.26 C] (May include ladders, metal light niches in fiberglass or liner pools and/or reinforcement rods of gunitite pools)
2. **Pool Perimeter Bonding [NEC 680.26 B (2)]**
 - a. Structural Reinforcing Steel method, Copper Ring method, or Copper Grid method must be used.
 - b. If Copper Ring method is used then a solid 8 AWG or larger copper conductor must be installed around the pool's perimeter located between a minimum 18 inches and a maximum 24 inches from the inside pool walls.





Swimming Pool Permit Application

3. Final inspection

- a. Bonding of pumps and motors
- b. The potable water supply to swimming pools, spas, or hot tubs shall be protected against backflow by an air gap or reduced pressure principal backflow prevention assembly. [IPC 608.17.15] Note: Most individual or privately maintained treatment plant systems to do allow this discharge, you must verify with the manufacturer if the discharge is allowed to the system.
- c. Fence is completed (See IRC 2021, R327, & Chapter 42, NEC Article 680 for full explanation of all swimming pools, SPAS, and Hot Tubs.)
 - i. Minimum 60 inches (5 ft) above grade on the side of the barrier facing away from the pool.
 - ii. Maximum vertical distance between grade and the bottom of the barrier is 2 inches.
 - iii. Spacing between vertical members cannot exceed 1-3/4 inches if horizontal railings are spaced less than 45 inches from each other. If horizontal railings are spaced 45 inches or more from each other then vertical members cannot exceed 4 inches.
 - iv. Solid barriers (brick or stone) shall not have indentations or protrusions.
 - v. Self-closing & self-latching gates with a locking device (gate must swing outward away from pool).

Fee	Permit #	Date:
\$365 Commercial / \$270 Residential		

NOTICE TO CONTRACTORS:

All work shall be readily accessible for inspection(s) by the Building Official and/or his Building Inspector. This form offers no deviation or exclusion from permitting procedures and policies, local ordinances or the codes adopted by the city. All electrical work shall comply with the 2020 National Electric Code or 2021 International Residential Code. **Work shall not start until the permit is in the applicant's possession and is posted as per local ordinances. Permit must be visible from the street and protected from weather.**

CONTRACTOR INFORMATION (Please Print or Type)

COMPANY NAME		ELECTRICIAN NAME	STATE LICENSE #
STREET ADDRESS		BUSINESS PHONE	CELL PHONE
CITY	STATE/ ZIP	EMAIL	

PROPERTY OWNER INFORMATION: (Please Print or Type)

PROPERTY OWNER/TENANT NAME		CONTACT PHONE #	
EMAIL			
STREET ADDRESS		SUBDIVISION	LOT #

PROJECT INFORMATION: (Please Print or Type)

SUBDIVISION		ZONING	
STREET ADDRESS		LAND LOT #	FLOOD PLAIN LOT? BFE





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WORK SITE DESCRIPTION: Commercial Residential **Job Valuation:** _____

Type: In-Ground Above Ground Gunitite/Shotcrete Vinyl Other _____

Location: Rear Yard Side Yard Other: _____

Zoning: _____

Water's Edge: Rear Lot Line _____ ft. Side Lot Line _____ ft. House/Structure _____ ft.

Shape: Square/Rectangle Round/Oval Free Form **Size:** _____ sq ft. **Capacity** _____ gal

Shallow Depth: _____ ft. Deep Depth: _____ ft. # Diving Boards: _____ # Steps: _____ # Ladders: _____

Other Information:

Will any amount of added fill remain onsite? Yes No

****If any fill is to remain on-site, and not be hauled off-site, see pg. 1 – 3.E and 3.F for requirements.****

****A fence must be completely installed prior to the Final Inspection of the swimming pool.****

****East Baton Rouge Parish is still responsible for public sewer system. This permit does not authorize additional tie-ins to public sewer. Proposed public sewer modifications with require additional City/Parish permitting.****

****Final construction of the permitted pool must fully reflect the design approved during review. Any deviations from the approved design will result in a stop work order and further investigation.****

This is to certify that I am the authorized agent for the owner of the subject property. I have read and understand the "Notice to Contractors" stipulations above and I agree to perform all work in compliance with all standards as required by the codes and regulations as set forth in the City of St. George Code of Ordinance and the Louisiana State Uniform Construction Codes.

Applicant Signature	Date
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