



SWIMMING POOLS, HOT TUBS & SPAS

Building Department
600 Main St NW
Bourbonnais, IL 60914
815-937-3575 Fax 815-937-5606
building@villageofbourbonnais.com
villageofbourbonnais.com

General Permit Procedures

1. Complete permit application
2. Attach Plot Plan or Survey
 - a. Indicate location and dimensions of all existing structures on plat
 - b. Indicate location of pool including apron, pump and heater (if applicable)

Pool Location

1. Swimming pools, spas, hot tubs and similar devices shall not be located in any front yard.
2. Pools must be located a minimum of eight (8') feet from any structure, a minimum of ten (10') feet from the rear property line, and shall meet the side yard setback for the zoning district.
3. No portion of the pool shall be located in any drainage easement and must be a minimum of one (1') foot away from said drainage easement.

Electrical Service Clearances

1. Pools shall not be placed within five (5') feet of any underground electrical service wires.
2. Pools shall not be placed within (15') feet horizontally of any overhead service wires.

Electrical Requirements

1. All electrical devices used in conjunction with or connected to pools must be grounded and protected by an approved ground fault circuit interrupter type outlet.
2. All GFCI outlets must have a weather-proof "bubble-type", in-use plastic cover and must be securely mounted a minimum of (16") inches above ground and no closer than five (5') feet to the pool wall and no farther than ten (10') feet from the pool wall.
3. The pool pump motor bonding terminal must have a #8 copper wire attached to a properly installed ½" X 8' copper ground rod attached with the proper clamp.

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4. Minimum #12 gauge wire or larger, as necessary, based on equipment requirement.
5. Twist-lock plugs must be plugged into a twist-lock outlet directly without the use of an adapter.
6. The pool pump plug wire cannot exceed three (3') feet in length.
7. All in-ground pools shall have any piece of metal properly bonded using a minimum #8 AWG bare copper wire, including but not limited to ladders, rails, diving board & slide anchors, pool edges, rebar, wire mesh, etc.
8. Extension cords are prohibited.

Trench Depth Requirements

1. Gas supply piping and electrical conduits can be placed in the same trench.
2. Gas supply piping shall be buried a minimum of (12") inches deep.
3. Electrical piping (PVC or rigid) shall be buried a minimum of (12") inches deep, only rigid pipe may be used above grade.
4. Underground rated electric cable shall be buried a minimum of (18") inches deep.

Gas Heater Requirements

1. All gas lines must have a correctly installed drip leg, as well as, a shut off at the heater. (The shut off must be placed before the drip leg.)
2. All gas piping must be of an approved material.
3. Steel pipe must have a protective coating on pipe and fittings where installed below ground.



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Barrier Requirements

1. All pools having a capable depth to two (2') feet or more must adhere to the barrier requirements described herein.
2. **Barrier requirements must be met prior to filling the pool or hot tub.**
3. All pool barriers must be a minimum of (48") inches in height.
4. Swimming pools with the top of the wall less than (48") inches above the surrounding grade shall be enclosed with an approved barrier at least (48") inches in height. Above ground swimming pools, which have walls or a wall-mounted barrier system that meet the height requirement, shall have steps or a ladder capable of being secured, locked or removed to prevent access.
5. Gates should be installed at the bottom of a deck or stairs and should swing out away from the pool.
6. Gates must be self-closing and self-latching devices designed to keep, and capable of keeping such gate securely closed at all times when not in actual use.
7. Gates must be a minimum of (48") inches in height at the lowest point and the maximum height shall be six (6') feet.
8. Where a wall of the dwelling serves as part of the barrier, along with a fenced-in yard, doors with direct access to the pool shall be equipped with an audible alarm that sounds when the door is opened.
9. The Village does not allow a safety cover meeting ASTM F 1346 in lieu of a barrier.
10. Hot tubs and spas not provided with approved covers using functional locking straps meeting the requirements of ASTM F 1346 shall be provided with barriers as required for swimming pools. Portable hot tubs and spas shall be designed and constructed in conformance with ANSI/NSPI-6.

Special Note for In-Ground Pools: Once excavation has reached a depth of (18") inches, a four (4') foot fence must be maintained around the excavation at any time it is unattended.

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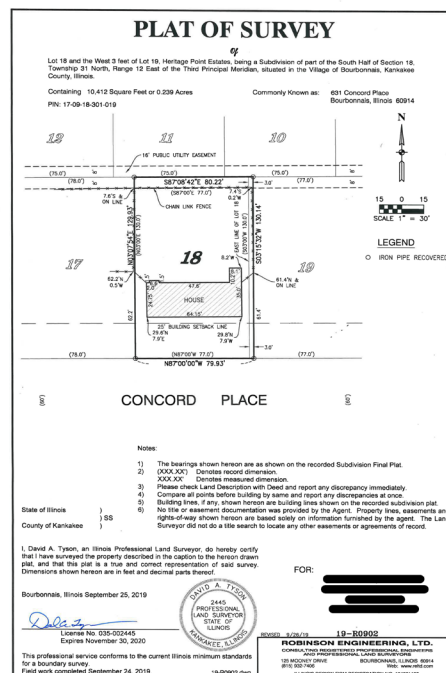


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- It is the owners' responsibility to contact J.U.L.I.E. at 1-800-892-0123 for location of all utilities.
- No construction may begin until a building permit has been approved and issued. The owner of the property is responsible to ensure a permit has been issued prior to construction beginning. The permit placard must be placed on the front of the principal structure so it can be seen from the public right-of-way at all times during construction.

Sample Plot Plan or Survey



Pedestrian Gates

International Swimming Pool & Spa Code

These are the gates people walk through. Swimming pool barriers shall be equipped with a gate or gates which restrict access to the pool. Gates shall open out from the pool and shall be self-closing and self-latching.

If a gate is properly designed and not completely latched, a young child pushing on the gate in order to enter the pool area will at least close the gate and may actually engage the latch.

When the release mechanism of the self-latching device on the gate is less than (54") inches from the bottom of the gate, the release mechanism for the gate shall be at least three (3") inches below the top of the gate on the side facing the pool. Placing the release mechanism at this height prevents a young child from reaching over the top of a gate and releasing the latch.

Also, the gate and barrier shall have no opening greater than 1/2 inch within (18") inches of the latch release mechanism. This prevents a young child from reaching through the gate and releasing the latch.

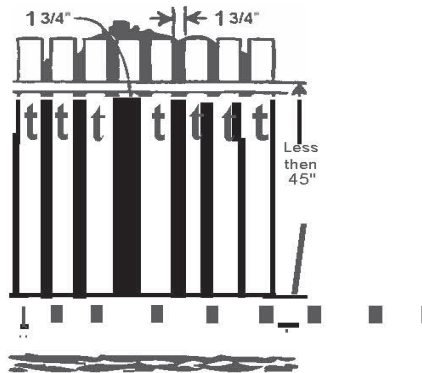
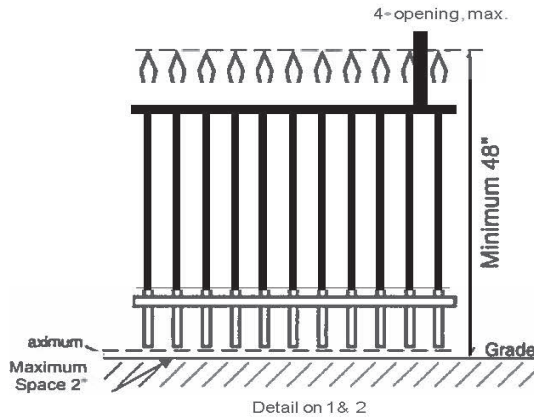
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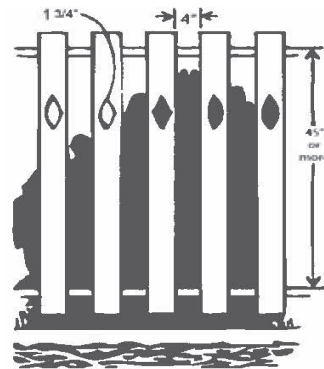
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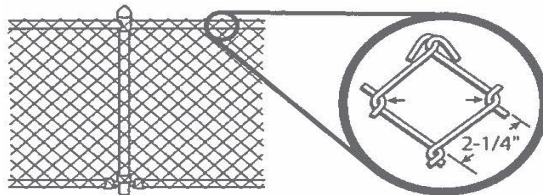
Sample Barriers



Detail on 4 - barriers with horizontal members <45"

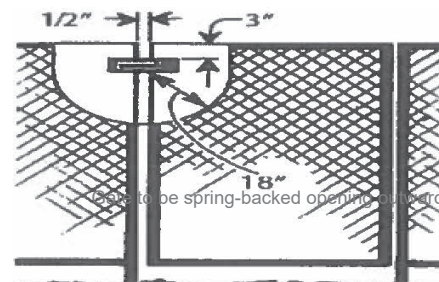


Detail on 5 - barriers with horizontal members >45"



Detail on 6 - chain link fence max mesh size.

Note: Placing slats in the fence will reduce the maximum required width to 1.75"



Detail on 8 - Access Gate detail

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