

SWIMMING POOL / HOT TUB**Building & Code Enforcement Division****164 E. Lincoln Hwy - DeKalb, IL 60115****Phone: (815) 748-2070***Call JULIE at 800-892-0123 (24 hours a day, 365 days a year)***SWIMMING POOL – HOT TUB PERMIT APPLICATION****Project Address****Project Valuation**

\$

PERMIT SUBMITTAL REQUIREMENTS

- ✓ A detailed site plant of proposed installation is required indicating setbacks and easements.
- ✓ A detailed drawing of proposed construction must be provided.
- ✓ A material list must be submitted.

Type of work: Commercial ☐Residential ☐**Do you currently have a fenced yard ?**Yes ☐ Height of Fence _____ No ☐☐ **Swimming Pool****Type** _____☐ In Ground ☐ Above Ground

Height/Depth _____

Size _____

☐ **Hot Tub****What will the Hot Tub sit on?**Deck ☐ Patio ☐ Slab ☐**PROPERTY OWNER'S INFORMATION**

If Property Owner is the applicant, check here →

☐

Name: _____

Address: _____

Phone: _____

E-MAIL ADDRESS: _____

GENERAL CONTRACTOR'S INFORMATION

If Contractor is the applicant, check here →

☐

Name: _____

Registration # _____

Address: _____

Phone: _____

E-MAIL ADDRESS: _____

ELECTRICAL CONTRACTOR'S INFORMATION

If Contractor is the applicant, check here →

☐

Name: _____

Registration # _____

Address: _____

Phone: _____

E-MAIL ADDRESS: _____

SIGNATURE OF APPLICANT:**X****DATE:** _____**CITY OF DEKALB USE ONLY**

APPROVED BY: _____

DATE: _____

FEE: _____

ELECTRICAL REQUIREMENTS

1. Receptacles providing power for water pump motors or other loads related to circulation/sanitation system shall be located between 5 feet to 10 feet from the inside wall of the pool; the receptacle shall be single GFCI outlet, capable of being locked.
2. Other receptacles shall be located not less than 10 feet from the inside wall of the pool.
3. At least one 125-volt, 15 or 20 amp general purpose branch circuit shall be located a minimum of 10 feet and not more than 20 feet from the inside wall of the pool.
4. All receptacles located less than 20 feet from the inside wall of pool shall be GFCI.
5. Overhead conductor clearances for service drops shall be a minimum of 10 feet horizontally from the inside wall of the pool.
6. No extension cords are permitted.
7. No underground wiring shall be installed under or within 5 feet horizontally from the inside wall of the pool.

Bonding – It is required the following be bonded:

- All metallic parts of the pool structure
- Metal parts of the electrical equipment associated with the pool

Grounding – It is required the following be grounded:

- Wet-niche, dry-niche and no-niche underwater luminaries other than those low-voltage systems listed for the application without a grounding conductor
- All electrical equipment located within 5 feet of the inside wall of the pool
- All electrical equipment associated with the re-circulating equipment system of the pool
- Junction boxes
- Transformer enclosures
- Ground-fault circuit interrupters (GFCI)
- Panel boards that are not part of the service equipment that supply any electrical equipment associated with the pool

Minimum Burial Depths of Wiring Methods

- Rigid metal conduit – 6 inches
- Intermediate metal conduit – 6 inches
- Non-metallic raceways/no concrete encasement – 18 inches

BARRIER REQUIREMENTS

- The top of the barrier shall be at least 48 inches above grade measured on the side of the barrier which faces away from the swimming pool.
- The maximum vertical clearance between grade and the bottom of the barrier shall be 2 inches.
- Openings in the barrier shall not allow passage of a 4 inch diameter sphere.
- The barrier shall not create a ladder effect.

➤ Where a wall of a dwelling unit serves as part of the barrier all doors with direct access to the pool through that wall shall be equipped with an alarm which produces an audible warning when the door and its screen (if present) are opened. The alarm shall sound continuously for a minimum of 30 seconds immediately after the door is opened and being capable of being heard throughout the house during normal household activities. The alarm shall automatically reset under all conditions. The alarm system shall be equipped with a manual means, such as a touch pad or switch, to temporarily deactivate the alarm for a single opening. Such deactivation shall last for not more than 15 seconds. The deactivation switch(es) shall be located at least 54 inches above the threshold of the door.

ENTRAPMENT PROTECTION

- Except for surface skimmers, all pool suction outlets shall be provided with a cover that conforms to ANSI/ASME A112.19.8M or a 12" x 12" drain grate or larger.

ENERGY EFFICIENCY REQUIREMENTS

- Time switches or other control methods that can automatically turn off and on according to a preset schedule shall be installed for heaters and pump motors.
- Outdoor heated pools shall be provided with a vapor-retardant cover or other approved vapor-retardant means.

Municipal Code – Chapter 24 City of DeKalb – Building Code

SECTION 303

SWIMMING POOLS, SPAS AND HOT TUBS

303.1 Swimming pools. Swimming pools shall be maintained in a clean and sanitary condition, and in good repair.

303.2 Enclosures. Private swimming pools, hot tubs and spas, containing water more than twenty-four (24) inches (610 mm) in depth shall be completely surrounded by a fence or barrier not less than forty-eight (48) inches (1219 mm) in height above the finished ground level measured on the side of the barrier away from the pool. Gates and doors in such barriers shall be self-closing and self-latching. Where the self-latching device is not less than fifty-four (54) inches (1372 mm) above the bottom of the gate, the release mechanism shall be located on the pool side of the gate. Self-closing and self-latching gates shall be maintained such that the gate will positively close and latch when released from an open position of six (6) inches (152 mm) from the gatepost. No existing pool enclosure shall be removed, replaced or changed in a manner that reduces its effectiveness as a safety barrier.