

The Village of Winfield  
27 W 465 Jewell Road  
Winfield, Illinois 60190

**SWIMMING POOL PERMIT APPLICATION**  
Outside Above Ground Permanent Private Pools *with no diving board*

Applicant's Name: \_\_\_\_\_

Applicant's Address: \_\_\_\_\_

Pool Address if Different Than Above: \_\_\_\_\_

Applicant's Phone Numbers: \_\_\_\_\_

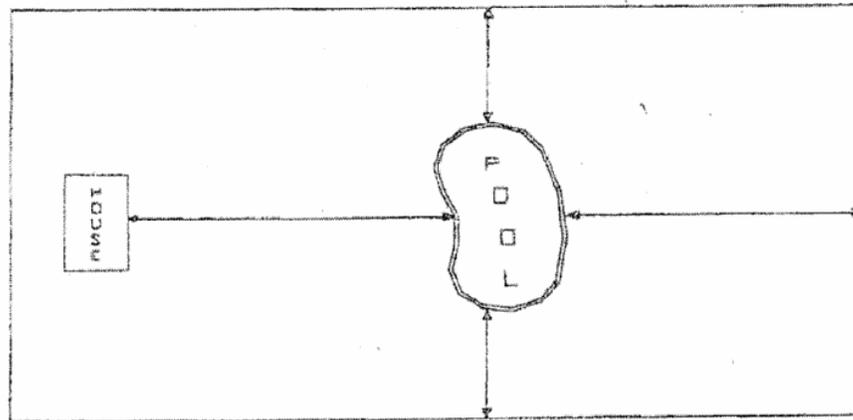
Pool Contractor's Name: \_\_\_\_\_

Pool Contractor's Address: \_\_\_\_\_

Pool Contractor's Phone Numbers: \_\_\_\_\_

**INFORMATION TO BE SUBMITTED WHEN APPLYING**

1. A plat of survey for the property.
2. Pool location on the lot.
3. Pool dimensions: length: \_\_\_\_\_ width: \_\_\_\_\_ height: \_\_\_\_\_
4. Provide drawings or plans indicating construction of the pool.
5. Provide details on the safety barrier gate (see pages 3 & 4).
6. Provide details on the electrical installation (see page 5).
7. Applicant's Special Information



MINIMUM DISTANCE TO LOT LINE (6) \_\_\_\_\_ FEET

MINIMUM DISTANCE TO STREET PROPERTY LINE (10) \_\_\_\_\_ FEET.

CHECK ZONING REQUIREMENTS

Applicant's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

The information on this form becomes part of the permit application and compliance is required.  
Call JULI at (800) 892-0123 to locate all underground utilities.

Location: \_\_\_\_\_

Date: \_\_\_\_\_

Use the sketch on page 1 to indicate the following formation:

1. Distance to the lot lines, street and house.
2. Location of overhead or below grade utilities.
3. Location of safety barrier.
4. Location of gate in safety barrier.
5. Location of ladder - minimum of two means of egress ladder per pool.
6. Location of pool cleaning equipment: pump, over gutters or skimming devices - one skimmer per 1,000 sq. ft. Area calculation: if round =  $3.14 \times \text{radius} \times \text{radius}$   
if rectangle = length x width
7. Location of pump and convenience outlets (see examples). Indicate distances.
8. Location of light fixtures and switches.
9. Locations of pool deck if applicable. (Note: a pool deck will require additional construction details — including dimensions, type of lumber, guards and steps)
10. Type of pool drainage system and area of drainage.
11. A four foot (4') walk around the pool is required which slopes away from the pool.  
Exception: portable pools require only a four foot by eight foot (4' x 8') area around the pool entry ladder or gate.
12. A foot rinse unit shall be available for cleansing of feet before entering pool.
13. Pool drainage shall not be directly connected to sewer line.
14. Water supply inlets for permanent pools shall be located in shallow end of pool six to eighteen inches (6" – 18") below normal water level.
15. Water outlet shall be installed at lowest point of pool.

#### ADDITIONAL REQUIRED INFORMATION

1. Method of filling or topping off pool.  
A vacuum breaker shall be provided on a threaded hose outlet and have fill opening firmly fixed six inches (6") above overflow line.
2. Size – Flow rate of pump \_\_\_\_\_ - turn over water every 18 hours.  
Gallons in pool / flow of pump less than 18.  
Maximum filter rate – five (5) gallons per minute per square foot of surface area.  
Minimum filter rate – three (3) gallons per minute per square foot of surface area.  
Five (5) x \_\_\_\_\_ square feet = maximum gallon per minute rate.  
Five (5) x \_\_\_\_\_ square feet x sixty (60) maximum gallons per hour rate.
3. Type, quantity and method of storage for pool chemicals.
4. Type of ladder – ladder shall be able to be removed, secured, locked or provided with an approved safety barrier and gate. A removable ladder is not an acceptable safety barrier.
5. Steps shall be slip resistant – handrails on both sides.
6. Special lot or site conditions.
7. Zoning restrictions or variances.

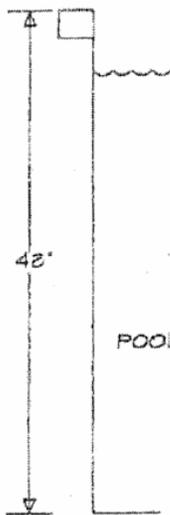
Location: \_\_\_\_\_

Date: \_\_\_\_\_

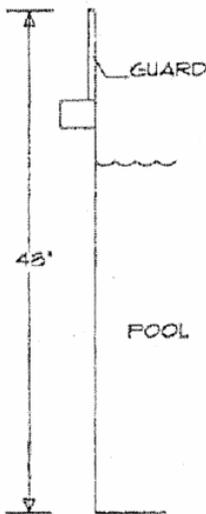
### APPROVED SAFETY BARRIERS

Side of the pool can be used as the safety barrier or other approved methods:  
In-ground pools require a sixty inch (60") fence or barrier unless an automatic safety cover is installed.

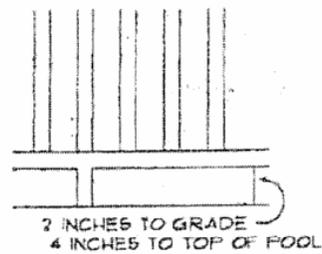
SIDE OF POOL



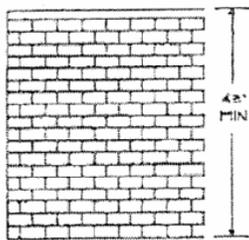
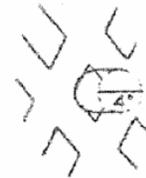
SIDE OF POOL WITH BARRIER



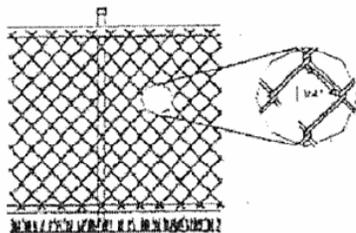
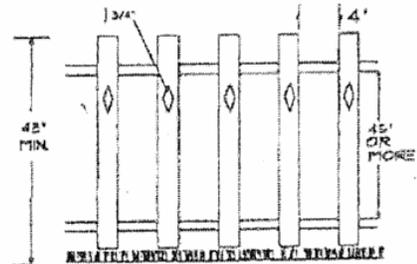
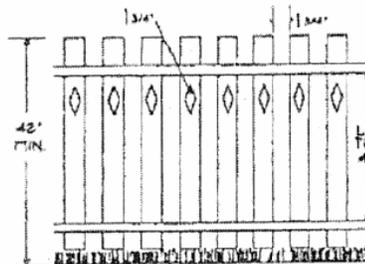
BOTTOM CLEARANCE



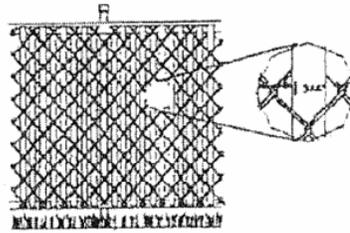
BARRIER OPENINGS



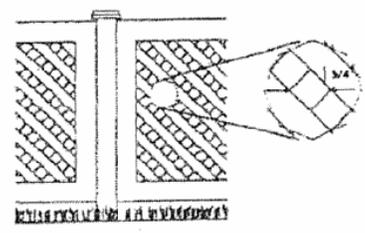
BRICK  
NO INDENTATIONS OR PROJECTIONS



CHAIN LINK FENCE



CHAIN LINK FENCE  
WITH SLATS



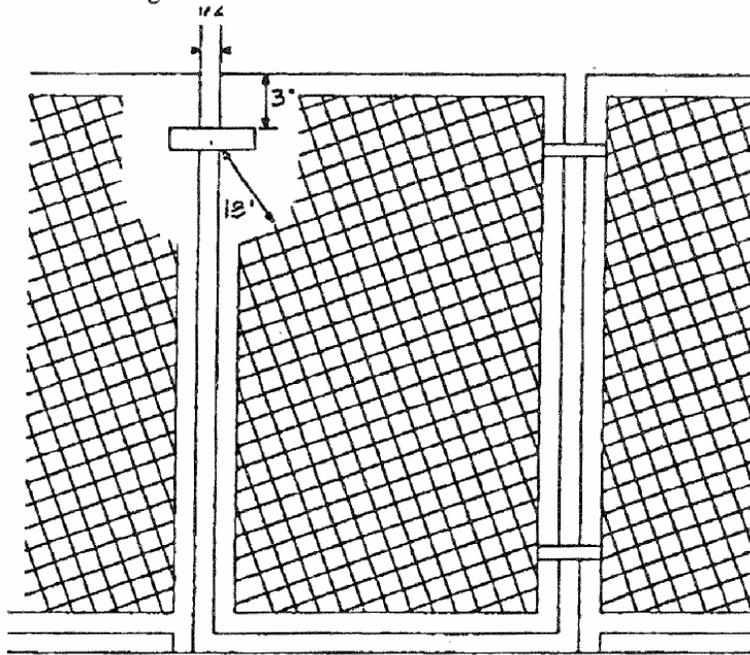
LATTICE WORK

Location: \_\_\_\_\_ Date: \_\_\_\_\_

**Pedestrian Gates** – Swing open from pool, self-closing, self-locking, same construction requirements as the safety barriers and equipped to accommodate a locking device.

Self-latching device shall be 54 inches above bottom of gate or:

LATCH ON POOL SIDE  
MINIMUM 3" FROM TOP  
THAN 1/2' WITHIN 18"



Gates other than pedestrian gates shall have a self-latching device and comply with other requirements.

House wall used as part of the Safety Barrier

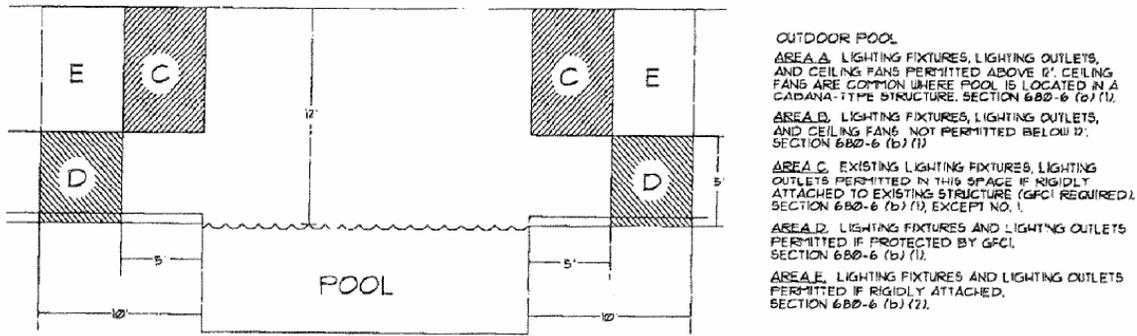
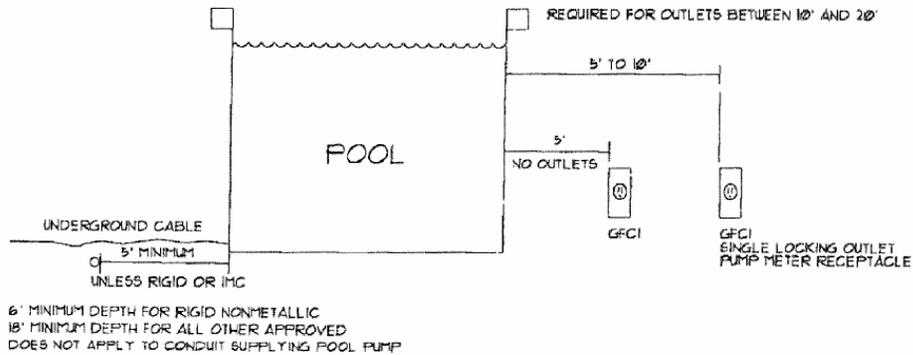
1. A side of the house used for the safety barrier with a door, with direct access to the pool shall have an audible alarm on the door or a power safety cover.  
  
Alarm – commence within 7 seconds of opening door – sound for 30 seconds 85 dBA at 10 feet, distinctive sound, automatically reset, deactivation touch pads 54 inches above thresholds for a single opening allowed.
2. Doors opening onto the pool area – self-closing, self-latching, release 54 inches above the floor, swing away from pool area.
3. A deck which opens on to the pool will require a safety barrier from the deck or the deck shall comply with the safety barrier requirements including stairs and gates.
4. A deck which opens on to the pool and on the house which provides direct access from the door to the pool shall have alarms on the doors or a power safety cover.

Location: \_\_\_\_\_ Date: \_\_\_\_\_

**ELECTRICAL REQUIREMENTS**

**Permanent Pools** – Pools with a depth greater than 42 inches or which are not taken down and stored over the winter.  
**Storage Pools** – Pools with a maximum depth of 42 inches or which are taken down over the winter.

1. Type and size conduit and conductor for electric supply for pump or outlet.  
 Conductor \_\_\_\_\_ Conduit \_\_\_\_\_
2. Type of light fixture, switches and receptacles



3. Permanent Pools – maximum length of pump cord is 3 feet.
4. Ground for receptacles – minimum #12, protected and connected to the grounding terminal bus of the service panel or sub-panel.
5. Conduit underground shall have fittings for frost movement.
6. Underground cable shall have an “S” loop at the transition point to conduit.

## PERMANENTLY INSTALLED SWIMMING POOL CHECK LIST TO THE 2002 NEC

1. \_\_\_\_ Is there underground conductor within 5' horizontally from the inside wall at the pool? 680.10
2. \_\_\_\_ Is there overhead Electrical Conductors in the area extending 10ft. horizontally from the inside wall of the pool and 22.5' up from water level? 680.8
3. \_\_\_\_ Is the pump motor third party listed to U.S. standards with a label for pools motor? (UL1081 is the standard) 110.3(B)
4. \_\_\_\_ Is the cord on the pump motor # 12 wiring and no longer than 3' with a twist lock cord cap? 680.7
5. \_\_\_\_ Is the receptacle 5' from the inside pool wall? 680.22(A)(1)
6. \_\_\_\_ Is the receptacle a twist-lock and protected by GFCI? 680.5 This must be a GFCI breaker or GFCI face-less type outlet or GFCI outlet, rated for the h.p. at the pump. (GFCI outlets can only do up to 1 ½ h.p. motors)
7. \_\_\_\_ Is the cover for the receptacle an in-use cover? 406.8(B)91)
8. \_\_\_\_ Is there a GFCI general purpose outlet on a general purpose circuit 10' from pool wall and not more than 20'? 680.22(A)(3)
9. \_\_\_\_ Is there a disconnecting switch located at least 5' from the inside wall of the pool? 680.12
10. \_\_\_\_ Is the raceway of the type of rigid heavy wall metal conduit, intermediate metal conduit or rigid nonmetallic conduit (PVC) and listed for electrical use? 680.21(A)(1) 110.3(b)
11. \_\_\_\_ Is the raceway buried to the correct depth? RMC, IMC=6 inches and PVC 18 inches from the top of the conduit to grade. 300.5 and Table 300.5
12. \_\_\_\_ There must be a minimum of a # 12 green wire installed in the greenway. 680.21(A)(1) The wire must be green in color. 250.119
13. \_\_\_\_ The grounding conductor must pick up all junction boxes, light fixtures, pump motors, transformer enclosures, devices like switches, outlets, etc. 680.6
14. \_\_\_\_ Is there a grounding conductor between panel boards that are not part of the service equipment sub panels and that supply any electric equipment associates with the pool? 680.25 The wire shall be sized in accordance with table 250.122 and shall also be insulated.
15. \_\_\_\_ The bonding conductor must be a solid # 8 copper wire. (Bare conductor is OK). This wire must pick up pool frame (upper and lower ring if metal) and pump motor, pool heater (if one) and RMC or IMC piping, and any metallic part within 5' of the pool. 680.26(B)(1)(2)(3)(4) and (5)
16. \_\_\_\_ Is the bonding conductor connection done with a clamp of the type of stainless steel, brass, or copper? (No zinc parts) 680.26(C)
17. \_\_\_\_ Double insulated pump motors do not have to be bonded with the solid # 8 but must have a # 12 green wire to them.
18. \_\_\_\_ If RNC (PVC) is used with RNC PVC boxes, these items must be listed for electrical and sunlight resistance. Support and expansion fitting may be needed. Article 352 (No plumbing type pipes.)

## Electrical Pool Information to the 2002 N.E.C. for Permanently Installed Pools

