



ECONOMIC DEVELOPMENT DEPARTMENT
1937 MUNICIPAL WAY ♦ ROUND LAKE BEACH ♦ ILLINOIS ♦ 60073

TEL: (847) 546-2351 ♦ FAX: (847) 201-7229

GUIDELINES FOR POOLS

GENERAL

- Pools designed to contain water over twenty-four inches (24") deep require a building permit.
- Call the Economic Development (545-2351) for an inspection after the pool base is prepared and before pool structure is installed.
- After the pool is complete, the owner/contractor is required to call for a final inspection of the structure and electric.

LOCATION

- Swimming pools located in the floodplain shall comply with the stormwater ordinance.
- On other than corner lots, decks and pools shall be set back a minimum of five feet (5') from the rear lot line and a minimum of five feet (5') from side lot lines.
- Swimming pools shall be setback at least five (5') feet from underground electrical installations and at least ten feet (10') from overhead electrical wires.
- Swimming pools are not permitted in any front yard or easement.

PLAN SUBMITTAL REQUIREMENTS

- On the Plat of Survey indicate pool size and set back distances from the property lines and main building.
- Submit structural drawings, manufacturer's specifications and UL listings for the filter pump.

BARRIER REQUIREMENTS

- The top of the barrier shall be at least forty-eight inches (48").
- Openings in the barrier shall not allow passage of a four-inch (4") diameter sphere.
- The gate latch shall be located on the poolside of the gate at least three inches (3") below the top of the gate, and the gate and barrier shall have no opening greater than one-half inch ($\frac{1}{2}$ ") within eighteen inches (18") of the gate latch.
- Where a patio door serves as part of the pool barrier one of the following conditions shall be met:
 1. The pool shall be equipped with a powered safety cover in compliance with section AG 105.2.9.
 2. All doors with direct access to the pool shall be equipped with an alarm in compliance with section AG 105.2.9. in the 2000 IRC code.
 3. Other means of protection that are approved by the Code Official.
- Ladders used as part of a pool barrier shall be capable of being secured, locked or removed to prevent access, or the ladder shall be surrounded by an approved barrier.

ELECTRICAL

- Electrical installations shall comply with the 2002 NEC section 680.
- Electrical power source for pool equipment or pool deck shall be GFCI protected.
- At least one receptacle (GFCI protected) shall be located ten feet (10') to twenty feet (20') from the pool.
- A single, locking, and grounding type GFCI receptacle is permitted to be five feet to ten feet (5' - 10') from the pool for the purpose of supplying the water-pump motor With an in-use (weather resistant) cover
- Extension cords are not permitted. Pool pump power service cabling when run across open ground shall be buried (2002 NEC).
- Underground wiring shall not be under or closer than five feet (5') from the pool, except approved wiring necessary to supply pool equipment.
- Power lines shall not be closer than eighteen feet (22.5) from the water surface.
- Buried electrical wiring, if in rigid heavy wall conduit, must be buried at least twelve inches (6") deep and a minimum of (18") deep If in non metallic conduit (PVC) is used. Additional ground wire is required when using

PVC. (See diagram hand out for further information)