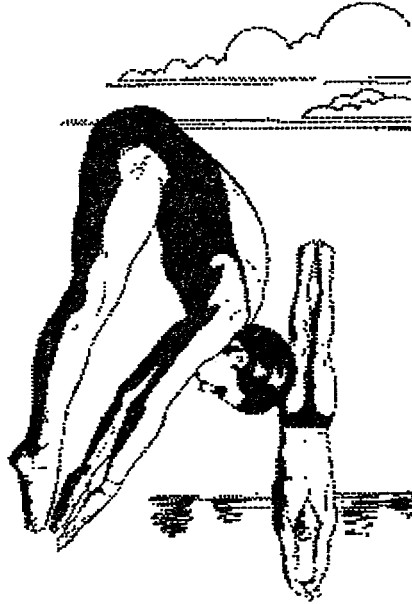
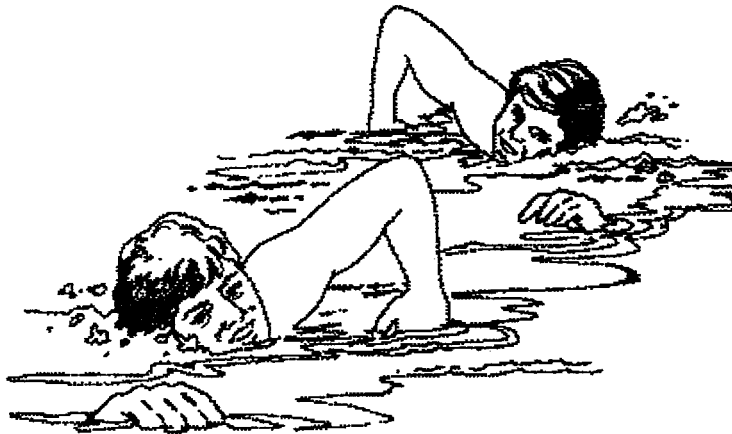


# City of Zion



## Residential Swimming Pool Guidelines



## RESIDENTIAL SWIMMING POOL GUIDELINES

### Requirements:

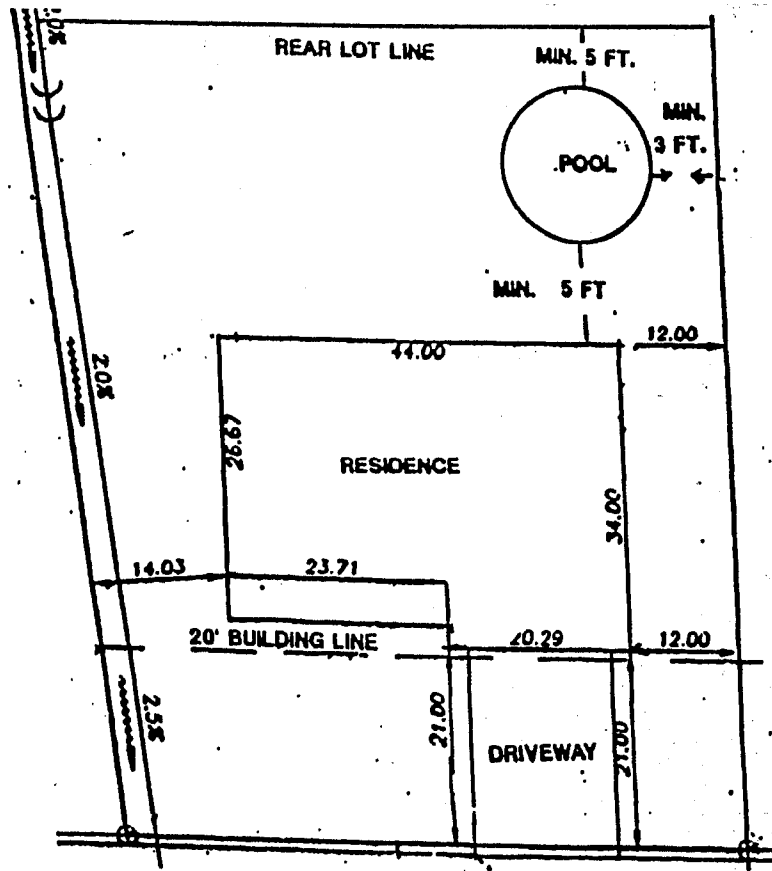
1. A building permit application is to be completed, including the name, address, phone number of the homeowner. If using a contractor the contractor must provide a written proposal stating in detail the work that will be completed include the cost. The contractor must register with the City of Zion and provide a Certificate of Insurance including workmen compensation insurance. If the homeowner is doing the installation they must provide their homeowners insurance showing the liability amount, the minimum requirement is \$300,000 in coverage.
2. Please provide manufactures installation instructions regarding the size of pool, filtration system and pump that will be installed.
3. An electrical permit is to be completed, including the name, address, phone number of the homeowner. If using a contractor the contractor must provide a written proposal stating in detail the work that will be completed. The contractor must also register with the City of Zion and provide a Certificate of insurance including workmen compensation insurance.
4. A Plat of Survey showing the location of the pool and the location of the gas line and electric line must be located on the plat of survey. Please contact JULIE to locate the utilities at 811.
5. The pool must be enclosed with a fence or wall; which must be completely surrounding the pool. A fence or wall shall be an effective barrier to small children and shall be at least 48 inches high. Gate must be equipped with a self-closing and self-latching device placed at the top of the gate. **A removal ladder is not an acceptable alternative to the enclosure.** One of the following must be provided.
  - a. The top barrier must be at least 48 inches above finished ground level measured on the side of the barrier which faces the swimming pool. *That means* if you have an outdoor pool in your backyard you must have a minimum of a 48 inch (4 ft.) high fence completely enclosing the outdoor pool. *If you* are using chain link fence, the maximum mesh size is 1 ¼" unless the fence is provided with slats fastened at the top or the bottom which reduces the openings to not more than 1 ¾". Where a 48 inch barrier is mounted on top of the pool structure, the opening between the top surface of the pool frame and bottom of the barrier shall not allow passage of a 4 inch diameter object.
  - b. Openings in the barrier shall not allow passage of a 4 inch diameter sphere.
  - c. Access gates must be equipped to accommodate a locking device. Pedestrian access gates shall open outwards away from the pool and shall be self-closing and have a self-latching device. All gates other than pedestrian access gates must have self-latching device.
6. Location of pool: The wall of the swimming pool cannot be located less than 5 feet from the rear property line or 3 feet from any side property line and a minimum of 5 feet from any principal building. **No pool may be installed or encroach into any drainage or utility easements.**

### **Note:**

Swimming pools can only be installed in the rear yard.

A permit is required for ALL pool that have over a 1,000 gallon capacity.

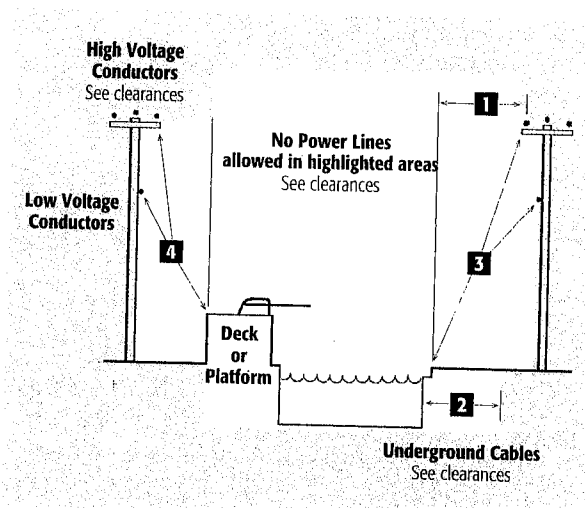
# PLAT OF SURVEY



## Service Clearances

### Minimum Clearances Near Swimming Pools

- 1 Horizontal limit of aerial clearance will not measure less than 10 ft. from the inside wall of the pool.
- 2 Underground service cable shall not be permitted under the pool or within 5 ft. of the inside wall of the pool. When space limitations prevent service cables from being routed 5 ft. or more from the pool, such cables must be installed 24 in. deep in 4 in. conduit at customer's expense.



Swimming Pool Clearances	0-750 V	750-15,000 V
1 Clearance in any direction from the edge of the pool	22' 6"	25' (without violating rule 1)
4 Clearance in any direction to a platform	14' 6"	17' (without violating rule 1)

**Exercise extreme caution near live wires.  
Do not attempt to measure exact distances to live wires due to danger of electrocution.**

# Electrical Pool information to the 1996 N.E.C. For Permanently installed pools

**900-10. Underground Wiring Location**  
Underground wiring shall not be permitted under the pool or within the area extending 5 ft (1.52 m) horizontally from the inside wall of the pool.  
*Exception No.1: Wiring necessary to supply pool equipment permitted by this article shall be allowed within this area*  
*Exception No.2: Where space limitations prevent wiring from being routed 5 ft (1.51m) or more from the pool, such wiring shall be permitted where installed in rigid metal conduit, intermediate metal conduit, or a non-metallic raceway system. All metal conduit shall be corrosion resistant and suitable for location.*

