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Pool Permit Guide: Inground or Above Ground Highlights

Application Requirements

- 1) On-line application properly filled out
- 2) Plat grade survey with proposed pool location, depth, and location of equipment.
- 3) Setbacks to sides, rear lot line and principal structure.
- 4) Show all proposed grading changes on plot. Professional drawings required for all inground pools.
- 5) List of all equipment and copies of Manufacturer's Specifications
- 6) Cost of project
- 7) Complete project description
- 8) Existing fencing, gas and electric lines including Com-ed service location (underground and overhead). New lines to be dotted showing location.
- 9) Licensed pool installer's name, address, phone and license number
Please note: A licensed electrical contractor must be used for all electrical upgrades or changes. Inground pools require a licensed plumber.

Enclosure Requirement

- 1) Private swimming pools containing water more than 24 inches in depth shall be surrounded by a fence or barrier not less than 48 inches vertical in height above the finished ground. IPMC 303.2
- 2) Self-closing and self-latching gates shall be installed and maintained as needed. IPMC 303.2, ISPSC 305.3

Location- Tinley Park Village Code Amendments

- 1) Pools shall be only located in the rear yard.
- 2) It is the property owner's responsibility to determine the location of lot lines and proper placement of the pool.
- 3) Nothing is allowed to be placed in any easement area. No pool, pool equipment, sidewalks or decking shall be placed less than 5 feet from the property lines.

- 4) Pools shall maintain clearances from the water's edge and overhead vertical electrical conductors (22.5 feet), horizontal electrical conductors (10 feet), and underground electrical conductors (5 feet). NEC Table 680.9 (A).

Electrical

- 1) House feed branch circuits- Installed in RMC (6 inches deep), IMC (6 inches deep) or RPCC (18 inches deep) and listed for wet installations. NEC 680.21 (A)(1)
- 2) At least one GFCI weather resistance 125 volt- 15- or 20-amp receptacle with tamper resistance and a weatherproof cover shall be permanently installed between 6 and 20 feet from the inside wall of the pool. No non-GFCI permitted receptacles within 20 feet of the inside wall of the pool. NEC 680.21(A)(1), (3), (4); NEC 680.21(C); NEC 406.9 (A), 406.12
- 3) Motors may be hard-wired or plugged in with a cord no longer than 3 feet. NEC 250.122

Gas Heaters

- 1) A gas shut off valve shall be located within 6 feet of the appliance and the gas meter to the residence. G2420.5
- 2) A continuous #18 AWG yellow tracer wire shall be buried in the trench adjacent to the gas line. G2415.17.3
- 3) Minimum burial depth is 12 inches. G2415.12
- 4) Transition from underground gas piping to above grade exposure must have an anode less riser. IFGC 403.6.1

Bonding of Pool, Water and Equipment

- 1) Pool Perimeter -A minimum ring of 8 AWG solid copper conductor shall extend 18-24 inches horizontally beyond the inside walls of the pool, buried 4-6 inches and be bonded no less than 4 points uniformly spaced. For non-conductive pools a ring is required bonded to the pool equipment but not the pool. NEC 680.26(B)(2)
- 2) Pool/Parts-All equipment (including heater and filter) and parts (including metal ladder) shall be bonded together using minimum 8 AWG solid copper conductors. NEC 680.26(B)
- 3) Pool Water-Surface area of the pool water must be bonded-either at the designed connection at skimmer or a water bonding kit is required. NEC 680.26 (C)