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## **Swimming Pools**

- A permit is required to install a swimming pool.
- All Contractors must be licensed with the Village.
- A plat of survey, a J.U.L.I.E. dig number and a copy of the filtration plans must be provided at the time of application.
- Please show the location on the plat of survey and the following:
  1. Location of pool.
  2. Where electric will be trenched from the house/garage to the pool location, grounding, the disconnect and the pump location. If the pool will be heated, show gas line too.
  3. Describe the wiring method, depth, raceway and type of wire and size.
- Above ground pools higher than 42 inches do not require a fence, but should have a removable/collapsible ladder.
- If the pool is lower than 42 inches or is an in ground pool; the pool or yard must be fenced in.
- The pool cannot be in any easement.
- Minimum setbacks from the rear and side property line are seven (7) feet.
- The seven feet includes deck, if there is one.
- The pool should be kept out from overhead lines (if there is any).
- No electrical cords allowed to supply power to pool pump and heater.

## **Required Inspections**

1. Check electrical for proper type and depth.
2. Check gas pipes for pool heater for proper material (By Village Plumber)

## **In Ground**

1. Check for bonding of ladder, lights and any other electrical equipment associated with pool.
2. Check for wire mesh and bonding on patio around deck.

Ref.: IBC 2009, Sec. 3109.4.1 through 3109.4.3; PMC 2009, Sec. 303, 303.1, 303.2. & Energy Code

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**504.7 Pools.** Pools shall be provided with energy conserving measures in accordance with Sections 504.7.1 through 504.7.3.

**504.7.1 Pool heaters.** All pool heaters shall be equipped with a readily accessible on-off switch to allow shutting off the heater without adjusting the thermostat setting. Pool heaters fired by natural gas or LPG shall not have continuously burning pilot lights.

**504.7.2 Time switches.** Time switches that can automatically turn off and on heaters and pumps according to a preset schedule shall be installed on swimming pool heaters and pumps.

**Exceptions:**

1. Where public health standards require 24-hour pump operation.
2. Where pumps are required to operate solar-and waste-heat-recovery pool heating systems.

**504.7.3 Pool covers.** Heated pools shall be equipped with a vapor retardant pool cover on or at the water surface. Pools heated to more than 90°F (32°C) shall have a pool cover with a minimum insulation value of R-12.

**Exception:** Pools deriving over 60 percent of the energy for heating from site-recovered energy or solar energy source.