



## RESIDENTIAL INGROUND SWIMMING POOLS

### Information required for permit application

1. **Applications** – Residential Building Application and Electric Application are required in addition to the Swimming Pool Application Information Sheet. If a gas heater is to be installed, gas piping and HVAC applications will also be required. Two sets of complete plans are required.
2. **Zoning** – a copy of township zoning permit is required.
3. **Provide a Plot Plan** - Show pool location, all above and underground utilities and show the location of the fence and gate.
4. **Doors and Windows** – If the house is the 4<sup>th</sup> side of the fence enclosure to the pool, show the location of existing doors and windows that are within the fence enclosure. Indicate how these openings will be protected (alarm on door; self-closing, self locking door; screens on windows etc). When a powered safety cover is installed that meets ASTM F1346-1991 testing standards, the door and window alarms and closures would not be required.
5. **Pool Equipment** – Show location and size of pool equipment.
6. **Electrical** – show location of electrical disconnects and GFCI protection.
7. **Inground Pools** – Provide complete construction plans and details including cross sections showing pool depths and floor slopes. Show location of diving boards, slides, steps and ladders and underwater lighting when used.

#### Required Inspections for Inground Pools: (Approximately 2 to 3 trips)

**Bottom Bonding** – (whenever steel is used) All steel in the bottom of pool is wired and tied together and a # 8 solid copper wire is extended up to tie together any additional steel installed later. All steel in all parts of the pool shall be bonded together.

**Light Bonding** – if lights are installed, they must be tied together with all other pool steel.

**Top Bonding** – wire and tie together all steel wall framing, diving board jigs, and tie together with any other metal components such as handrails, ladders, diving board, and slide and all shall be tied into the wire mesh (if used).

**Electric Rough** – The # 8 copper wire needs to go from the pool decking and into a trench to the pool equipment. Again, this all has to be bonded.

**Electric Trench** – Inspection of the 18 inch deep trench with wiring in approved conduit.

**Electric Final** – To check all finished hook-ups. Access to the house main electrical panel will be required to check hook-up with overcurrent devices.

**Pool Final** – inspection of vents for gas heaters and to make sure that all barrier requirements have been met such as fence, gates and any doors and windows that may need to be alarmed.

## **RESIDENTIAL ABOVE GROUND SWIMMING POOLS**

### **Information required for permit application**

8. **Applications** – Residential Building Application and Electric Application are required in addition to the Swimming Pool Application Information Sheet. Two sets of complete plans are required.
9. **Zoning** – a copy of township zoning permit is required.
10. **Provide a Plot Plan** - Show pool location, all above and underground utilities and show the location of the fence and gate when required (a fence is required for aboveground pools when the top of the pool sidewall at any location is less than 48” above finish grade).
11. **Doors and Windows** – If the house is the 4<sup>th</sup> side of the fence enclosure to the pool, show the location of existing doors and windows that are within the fence enclosure.
12. **Pool Equipment** – Show location and size of pool equipment.
13. **Electrical** – show location of electrical disconnects and GFCI protection.
14. **Aboveground Pools** – Provide a wall section detail showing pool construction (sidewall supports and material of sidewall; height of sidewall; depth of water; information on the access to the pool (removable ladder or a ladder that is lockable in the upright position)).

#### **Required Inspections for Aboveground Pools:**

**Electrical** – Trench inspection to make sure that trench is the required 18 inches deep and the wiring is in approved conduit. Inspection of electrical hook-ups.

**Pool Final** – All work is complete including barrier requirements.