

## **Town of South Windsor Building Department**

Location \_\_\_\_\_

### **SWIMMING POOL REQUIREMENTS**

This list is not all inclusive.

- A 48" barrier shall be required to protect pool access. R326.6.1 IRC 2018 SBC.
- A temporary enclosure shall be installed, for in-ground pools prior to the electrical bonding inspection unless a permanent barrier per Section R326.6.1., is in place prior to commencement of the installation. The temporary enclosure shall be 48" in height, shall have no openings that allow a 4" sphere to pass through and a self-closing/latching device on any openings.
- Doors providing direct access to the pool area shall either have an approved alarm (UL 2017), a self-closing latching device 54" from floor, or the pool shall be protected with a ASTM F1346 listed powered safety cover.
- All metal parts of the pool structure, fixed metal parts within 6' of pool, pool pump motor etc. shall be bonded with min. #8 copper wire with approved lugs, including pool water per 680.26 (c).
- Convenience GFCI outlet shall be provided between 6' and 20' from pool. Pool pump motor receptacle shall be a minimum 6' measured from inside of pool wall.
- Trench depth for max. 120v, 20 amp circuit, GFCI protected upstream, installed in conduit, for pool equipment shall be 12" minimum depth. If not protected upstream; 18" minimum depth.
- A surface pool alarm shall be installed pursuant to Public Act 99-140.
- All swimming pool pumps shall be provided with time clock.
- Entrapment avoidance shall be in accordance with the provisions of Section AG 106.

### **REQUIRED SWIMMING POOL INSPECTIONS:**

The following list of inspections need to be performed prior to continuation of work. Request for inspections can be made by calling the Building Department at 860-644-2511 ext. 230. (24 hrs. notice required)

1. **TRENCH AND BONDING:** Electrical trench depth verification and bonding of pool and metal appurtenances including metal reinforcing, for gunite and concrete decks.
2. **FINAL ELECTRICAL:** Location of equipment and GFCI protection, pump timer and convenience outlet.
3. **FINAL:** Swimming pool access protection must be in place before pool may be used.

Each swimming pool installation requires a building and electrical permit. Additional permits/inspections may be required for pool decks. **I HAVE READ AND UNDERSTAND THE REQUIREMENTS LISTED ABOVE:**

**Applicant's Signature** \_\_\_\_\_

**DATE** \_\_\_\_\_