

# TOWN OF ELLINGTON BUILDING DEPARTMENT

57 Main Street Ellington, CT 06029 (860) 870-3124

## SWIMMING POOL REQUIREMENTS

This list is not all inclusive.

- A 48" barrier shall be required to protect pool access. An above-ground pool with no deck is required to have a ladder with self-closing/latching gate.
- A temporary enclosure shall be installed for in-ground pools prior to the electrical bonding inspection unless a permanent barrier 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 an ASTM F1346 listed powered safety cover. NOTE: Security system alarms are not an approved UL 2017 device.
- All metal parts of the pool structure, fixed metal parts within 5' of pool, pool pump motor etc. shall be bonded with min. #8 copper wire with approved lugs, including pool water. Above-ground pools require a bonding ring buried 4-6" and 18-24" away from the pool wall.
- 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.
- Pool decks for above-ground pools will have their own barrier requirements. Contact us to go over your specific scenario.

## 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 860-870-3124 (24 hour 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 or inspections may be required for pool decks.