

TOWN OF BATAVIA

Swimming Pool Codes

Code is based on the 2010 N.F.P.A-70 and the Residential Code of New York State 2010

Swimming Pool Definition: Any structure, basin, chamber or tank which is intended for swimming, diving, recreational bathing or wading and which contains, is designed to contain, or is capable of containing water more than 24 inches (610 mm) deep at any point. This includes in-ground, above-ground and on-ground pools; indoor pools; hot tubs; spas; and fixed-in-place wading pools.

1. If the pump motor receptacle is located from 6 to 10 feet from the outside pool wall, the receptacle **must** be single, twist lock, 15 or 20 amps, GFCI protected with a watertight in use cover.
2. The pump motor cord **shall not** exceed 3 feet and shall have a grounding wire of not smaller than 12AWG copper.
3. The circuit line for a pump motor **shall** be a continuous circuit going directly to the panel box and shall have no other receptacles. All pumps and heaters **must** have a timer controlled power circuit.
4. A receptacle used unattended in a wet location **shall** have a watertight issue cover.
5. One convenient receptacle **shall** be located between 6 and 20 feet from the water's edge and must be GFCI protected. Existing outlets **shall** also be GFCI protected
6. All metal parts **shall** be bonded with a No. 8 or larger solid copper wire.
7. A minimum of 9 square inches of metal **must** be in contact with the water for bonding.
8. When bonding a pool frame or any metal parts you **must** use non corrosion clamps.
9. A swimming pool or spa installed or substantially modified **shall** have an approved pool alarm.
10. Perimeter equipotential bonding of all pools **shall** have a #8 CU 18-24 inches out and 4-6 inches deep if there is no wire mesh in it. The #8 **must** completely circle the pool.

Note: All code pertaining to swimming pools shall be adhered in accordance with NYS law. The above is a guideline and does not include the complete NEC or Residential code compliance regulations.

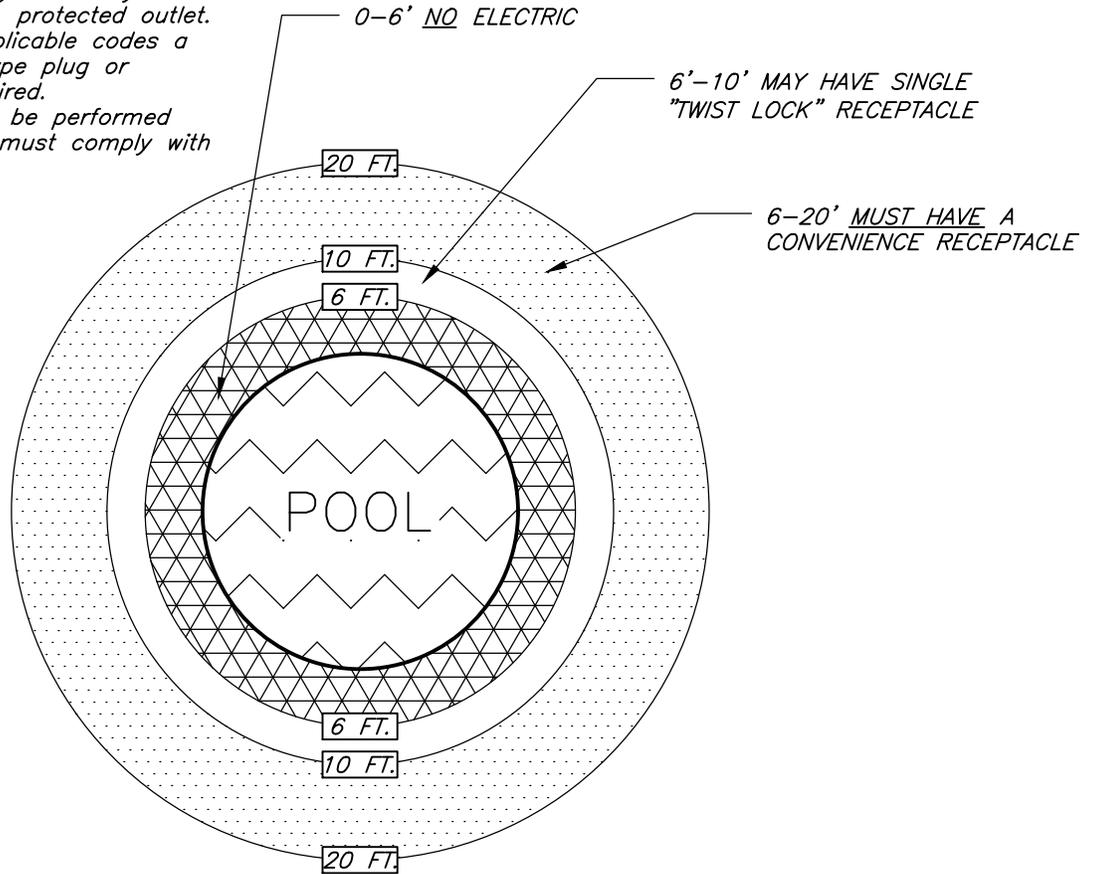
Please address the Town of Batavia Building Department if you have any questions regarding any pool regulations or code questions at 585-343-1729. See page 2 for a diagram of swimming pool regulations.

* ALL OUTDOOR RECEPTACLES MUST BE G.F.C.I. PROTECTED.

* MOST NEW POOLS HAVE A FURNISHED CORD THAT DOES NOT MEET CODE. THEY ARE USUALLY LABELED WITH A RED WARNING TAG:

WARNING: This cord is supplied for convenience for initial use only. Use only with properly grounded and G.F.C.I. protected outlet. To comply with most applicable codes a special cord with a locking type plug or permanent installation is required.

All electrical wiring must be performed by a qualified personnel and must comply with applicable electrical codes.



SWIMMING POOL & THE NATIONAL ELECTRIC CODE COMPLIANCE

N.T.S.

NOTES:

1. PUMP CORD – 3' MAXIMUM LENGTH, # 12 WIRE.
2. THE ONLY APPROVED MATERIAL FOR BONDING IS SOLID #8 COPPER WIRE.
3. ALL RECEPTACLES SHALL BE PROTECTED BY A GROUND FAULT CIRCUIT INTERRUPTER (G.F.C.I).
4. A 125-VOLT RECEPTACLE MUST BE INSTALLED BETWEEN 6-20 FEET FROM THE WATERS EDGE. A RECEPTACLE ON THE OUTSIDE OF A STRUCTURE IS OK IF IT IS WITHIN THAT RANGE. THE USE OF A TWIST LOCK RECEPTACLE FOR THE PUMP RECEPTACLE AT NO LESS THAN 6 FEET FROM THE POOL INSTEAD OF KEEPING IT 10 FEET OR MORE AWAY.

CAUTION: FOR IN-GROUND POOLS, THE BONDING MUST BE INSPECTED BEFORE THE CONCRETE IS POURED.

AUGUST 2011

REVISIONS		TOWN OF BATAVIA
DATE	COMMENTS	DETAILS
		SWIMMING POOLS & ELECTRIC CODE
		DRAWING