



CITY OF PORT JERVIS
BUILDING DEPARTMENT
14-20 HAMMOND STREET; P.O. BOX 1002
PORT JERVIS, NEW YORK 12771
TELEPHONE: (845) 858-4080
FAX: (845) 856-6913

**Swimming Pool Installation Information Sheet
(Retain for Your Records)**

1. Complete attached application for swimming pool permit and certificate of compliance.

Please read carefully

2. Items needed to submit with application:
 - a. Plot plan showing property. Include all buildings and proposed location of swimming pool showing all setbacks.
 - b. A copy of property liability coverage showing insurance is in effect.
 - c. If you rent, written permission from the owner of the property.
3. Required inspections:

From Building Department

1. Location Inspection
2. Final Inspection

From Electrical Inspector

1. Rough Inspection
2. Final Inspection

Please be advised that all electrical work performed in the City of Port Jervis shall be done by an electrician licensed by the City of Port Jervis. The only exception shall apply in situations where an individual owner of a single-family dwelling desires to do his/her own electrical work.

You may obtain a list of licensed electrician's from the building department.

IMPORTANT

**NO Swimming Pool can be used until ALL items
are complied with, including Final Electrical Inspection
and Final Building Department Inspection.**

***NO EXTENSIONS WILL BE GRANTED ON POOL PERMITS**



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**APPLICATION FOR SWIMMING POOL
CITY OF PORT JERVIS, NEW YORK**

Date _____ Zone _____

I, the undersigned as owner/installer, apply for the installation of a pool at

(Location) _____

Section: _____ Block: _____ Lot: _____

(Circle One): IN GROUND ABOVE GROUND

Pool Size: _____ Height: _____ Diameter: _____

Owner's Name: _____

Owner's Address and Phone No.: _____

Installer's Name: _____

Installer's Address and Phone No.: _____

Licensed Electrician's Name: _____

Name of Workman's Compensation and/or Liability Insurance Carrier (Attach Copy): _____

Existing use of Dwelling: _____ (Example: 1 Family, 2 Family)

Is this property in the fire limits?: _____ Flood Zone?: _____

Total cost of project? _____ Description of proposed work: _____

Signature of Owner or Applicant: _____

(for office use only)

Application approved _____

Application disapproved _____

Reason(s) for disapproval _____

Date of Approval: Planning Board _____

Zoning Board of Appeals _____

Date of Denial: Planning Board _____

Zoning Board of Appeals _____

Issuing Officer

Fee: \$ _____ Receipt # _____ Date: _____ Permit # _____



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**AFFIDAVIT OF FINAL COST OF CONSTRUCTION
AND
APPLICATION FOR CERTIFICATE OF COMPLIANCE**

NOTE: APPLICANT MUST SUBMIT FORM WHEN SWIMMING POOL APPLICATION IS FILED.

Section: _____ Block: _____ Lot: _____

Property location: _____

Date of Application: _____

Applicant's name: _____
(Owner, tenant, agent, lessee, contractor)

Occupancy:

Existing use: _____

Proposed use: _____

In Ground or Above Ground Pool Installed: _____

Date of Zoning Board of Appeals Approval: _____

Special Conditions Set by Board: _____

Estimated cost of construction from pool application: _____

Actual cost of swimming pool installation: _____

Permit fee paid: _____

Additional fee: _____ Receipt no.: _____ Date: _____

Certificate fee: _____ Receipt no.: _____ Date: _____

Fees or portions thereof are not refundable or transferable.

CERTIFICATION: I certify that all statements made on this application are true and correct to the best of my knowledge and belief, and I understand that the making of any willful false statement of material fact herein will subject me to the provisions of the Penal Law relevant to the making and filing of false instruments.

Signature of applicant: _____



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SECTION AG105 BARRIER REQUIREMENTS –

INTERNATIONAL CODE COUNCIL:

http://publiccodes.cyberregs.com/st/ny/st/b400v07/st_ny_st_b400v07_appg_sec005.htm

AG105.1 Application. The provisions of this chapter shall control the design of barriers for residential swimming pools, spas and hot tubs. These design controls are intended to provide protection against potential drownings and near-drownings by restricting access to swimming pools, spas and hot tubs.

AG105.2 Outdoor swimming pool. An outdoor swimming pool, including an in-ground, aboveground or on-ground pool, hot tub or spa shall be provided with a barrier which shall comply with the following:

1. The top of the barrier shall be at least 48 inches (1219 mm) above grade measured on the side of the barrier which faces away from the swimming pool. The maximum vertical clearance between grade and the bottom of the barrier shall be 2 inches (51 mm) measured on the side of the barrier which faces away from the swimming pool. Where the top of the pool structure is above grade, such as an aboveground pool, the barrier may be at ground level, such as the pool structure, or mounted on top of the pool structure. Where the barrier is mounted on top of the pool structure, the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be 4 inches (102 mm).
2. Openings in the barrier shall not allow passage of a 4-inch-diameter (102 mm) sphere.
3. Solid barriers which do not have openings, such as a masonry or stone wall, shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints.
4. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches (1143 mm), the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed 1.75 inches (44 mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1.75 inches (44 mm) in width.
5. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45 inches (1143 mm) or more, spacing between vertical members shall not exceed 4 inches (102 mm). Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1.75 inches (44 mm) in width.
6. Maximum mesh size for chain link fences shall be a 2.25-inch (57 mm) square unless the fence is provided with slats fastened at the top or the bottom which reduce the openings to not more than 1.75 inches (44 mm).
7. Where the barrier is composed of diagonal members, such as a lattice fence, the maximum opening formed by the diagonal members shall not be more than 1.75 inches (44 mm).
8. Access gates shall comply with the requirements of Section AG105.2, Items 1 through 7, and shall be securely locked with a key, combination or other child-proof lock sufficient to prevent access to the swimming pool through such gate when the swimming pool is not in use or supervised. Pedestrian access gates shall open outward away from the pool and shall be self-closing and have a self-latching device. Gates other than pedestrian access gates shall have a self-latching device. Where the release mechanism of the self-latching device is located less than 54 inches (1372 mm) from the bottom of the gate, the release mechanism and openings shall comply with the following:
 - 8.1. The release mechanism shall be located on the pool side of the gate at least 3 inches (76 mm) below the top of the gate, and
 - 8.2. The gate and barrier shall have no opening greater than 0.5 inch (12.7 mm) within 18 inches (457 mm) of the release mechanism.
9. Where a wall of a dwelling serves as part of the barrier one of the following conditions shall be met:
 - 9.1. The pool shall be equipped with a powered safety cover in compliance with ASTM F1346; or
 - 9.2. All doors with direct access to the pool through that wall shall be equipped with an alarm which produces an audible warning when the door and its screen, if present, are opened. The alarm shall sound continuously for a minimum of 30 seconds immediately after the door is opened and be capable of being heard throughout the house during normal household activities. The alarm shall automatically reset under all conditions. The alarm system shall be equipped with a manual means, such as touchpad or switch, to temporarily deactivate the alarm for a single opening. Such deactivation shall last for not more than 15 seconds. The deactivation switch(es) shall be located at least 54 inches (1372 mm) above the threshold of the door; or
 - 9.3. Other means of protection, such as self-closing doors with self-latching devices, shall be acceptable so long as the degree of protection afforded is not less than the protection afforded by Item 9.1 or 9.2 described above.
10. Where an aboveground pool structure is used as a barrier or where the barrier is mounted on top of the pool structure, and the means of access is a ladder or steps, then:
 - 10.1. The ladder or steps shall be capable of being secured, locked or removed to prevent access, or
 - 10.2. The ladder or steps shall be surrounded by a barrier which meets the requirements of Section AG105.2, Items 1 through 9. When the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a 4-inch-diameter (102 mm) sphere.

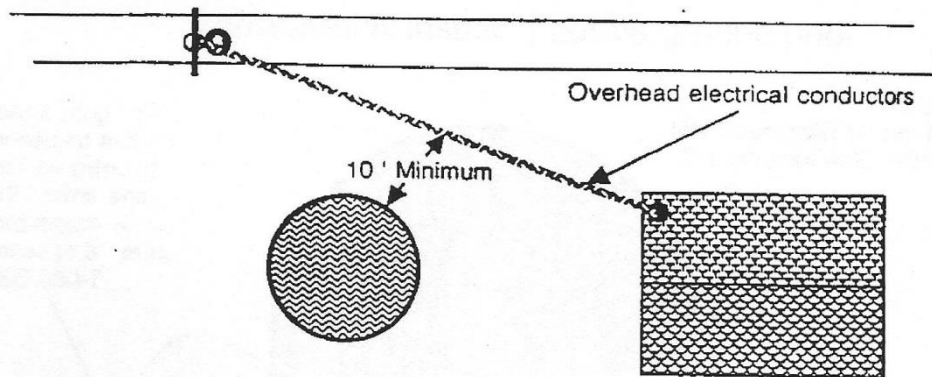
AG105.3 Indoor swimming pool. All walls surrounding an indoor swimming pool shall comply with Section AG105.2, Item 9.

AG105.4 Prohibited locations. Barriers shall be located so as to prohibit permanent structures, equipment or similar objects from being used to climb the barriers.

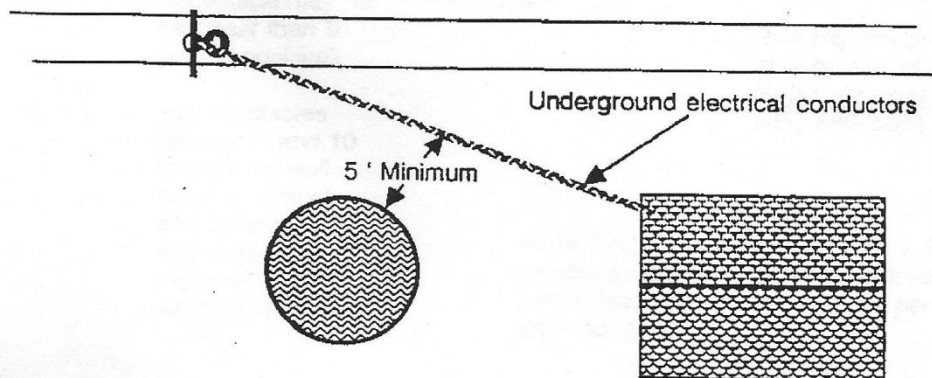
AG105.5 Barrier exceptions. Spas or hot tubs with a safety cover which complies with ASTM F 1346, as listed in Section AG107, shall be exempt from the provisions of this appendix.



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In all instances overhead electrical conductors shall be a minimum of 10 feet from the pool structure, diving structure and/or observation stands, towers or platforms. NEC 680-8



Underground wiring shall not be permitted under the pool or within the area extending 5 feet horizontally from the inside wall of the pool;

Unless such wiring is necessary to supply pool related equipment as permitted by Article 680,

-or-

Space limitations prevent the wiring from being routed 5 feet or more from the pool and the conductors are installed in rigid metal conduit, intermediate metal conduit or a nonmetallic raceway system.

For burial depths of raceway systems reference NEC 680-10



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Permanently installed above ground pool

Cord & plug connected motors shall be min. of #12 wire and cord length is limited to 3' max. NEC 680-7

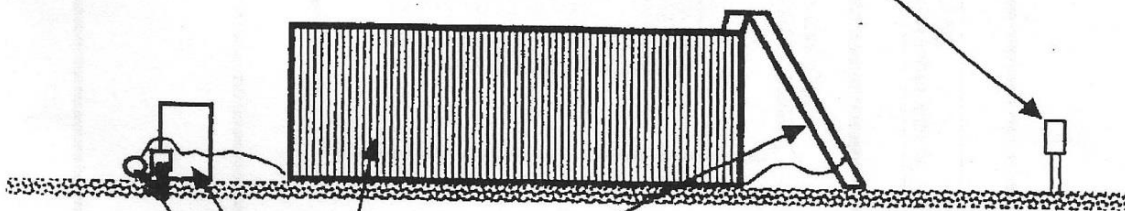
Not closer than 10' nor further than 20' from pool wall. NEC 680-6(2)

Receptacle may not be closer than 5 feet to pool wall.

All receptacles between 5 and 10 feet of pool wall must be of single and locking type and have GFCI protection. NEC 680-6

Bonding conductor shall be min. of #8 Solid Copper. NEC 680-22(b)

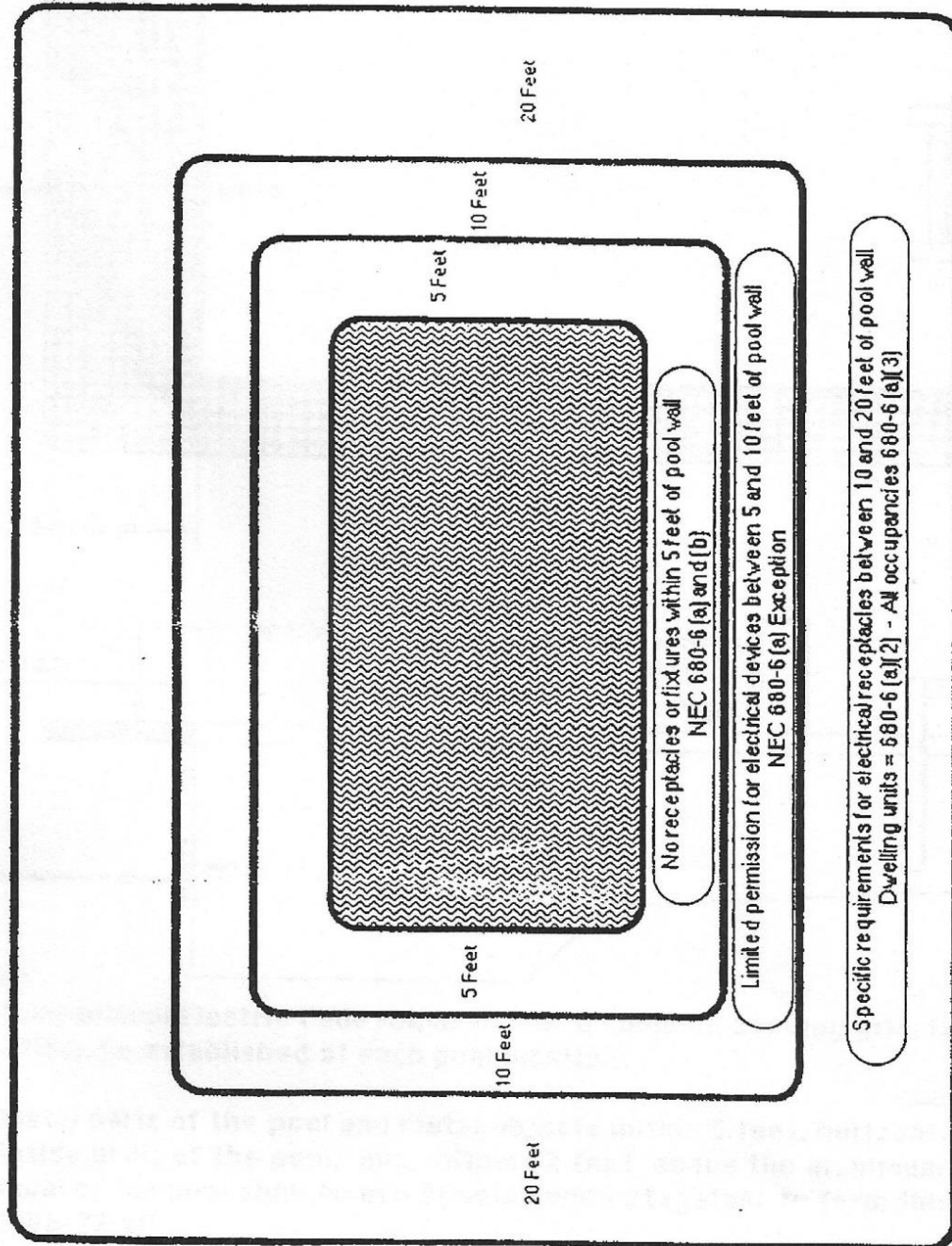
At dwelling units, at least one 125 v, GFCI protected, receptacle must be installed no closer than 10', nor further than 20' from the wall of a permanently installed pool.



All metal parts of the pool structure and pool associated equipment, including raceways boxes, etc., and metal fences, piping, raceways or other fixed metal objects located within 5 foot of the pool walls and within 12 feet of the maximum water level of the pool, shall be bonded together in a common grid. NEC 680-22

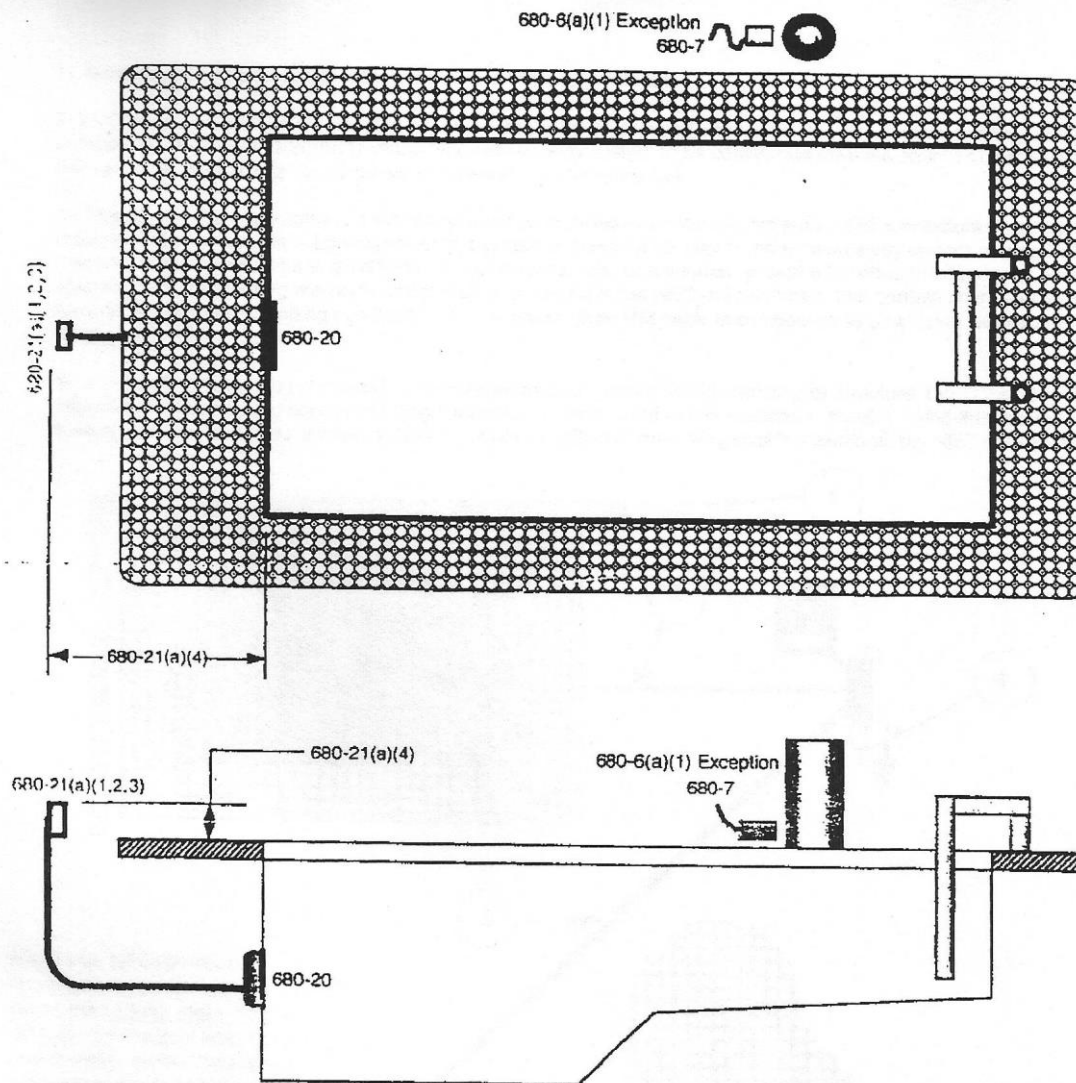


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The National Electric Code requires that a common bonding grid, (680-22 (b)), be established at each pool location.

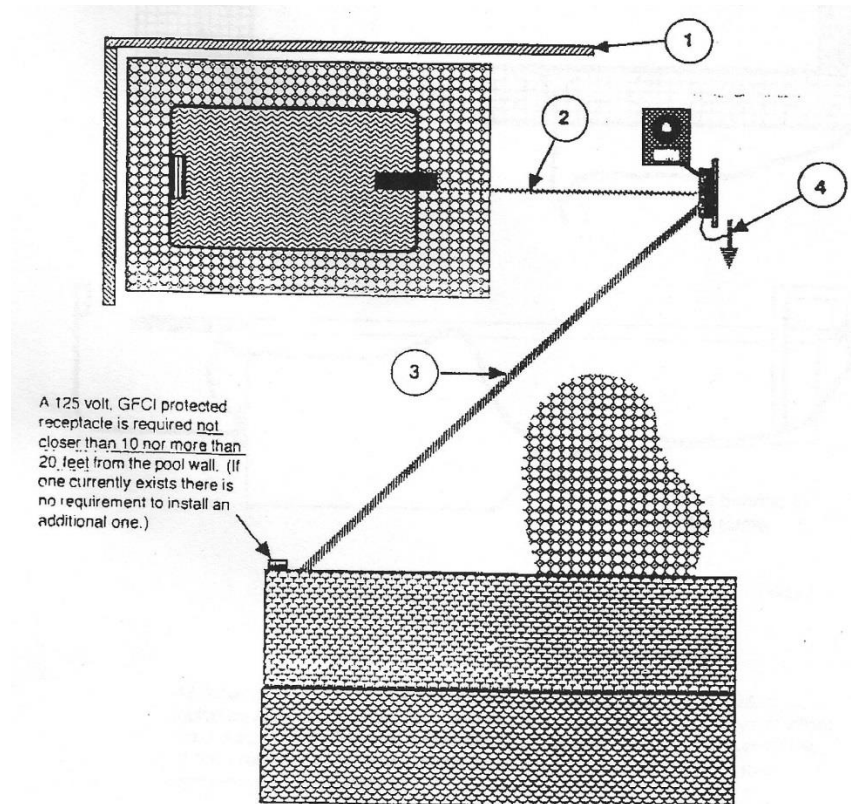
Metal parts of the pool and metal objects within 5 feet, horizontally of the inside walls of the pool and within 12 feet above the maximum water level of the pool shall be effectively bonded together to from this grid (680-22(a)).

A solid copper conductor, at least 8 AWG, must be used for the bonding conductor. Connections between the bonding contractor and metal parts must be made with pressure connectors or clamps of stainless steel, brass, copper or copper alloy (680-22(b)).



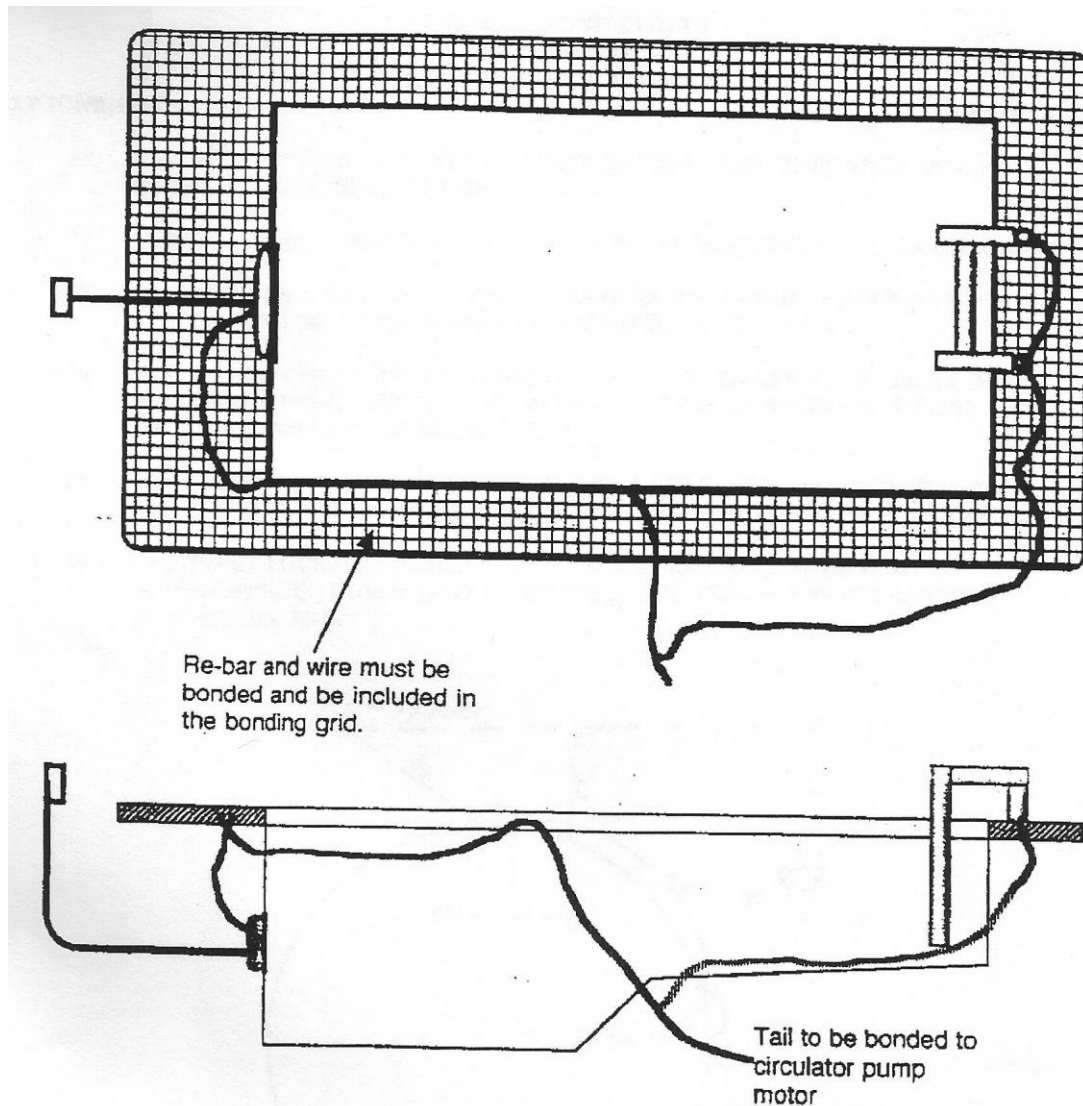
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1. Bonding grid includes fence if it is metal and within 5' of pool wall.
2. PVC conduit is permissible if buried 18" and a stranded #8 stranded copper conductor is installed, with potting compound. Ref NEC 680-20(b)(1). NEC requires raceway system to be continuous from the source of supply to the fixture. Type MC cable is not approved for use with wet niche fixtures.
3. Feeder conductors supplying a sub-panel must be installed in a raceway system and all conductors must be insulated. Branch circuits supplying power to a circulator pump motor may be either a raceway system or type MC cable listed for the purpose and soil conditions. All conductors must be insulated, except that within the interior of a one family dwelling, any of the wiring methods recognized in Chapter 3 of the NEC are permitted, that contain an insulated or covered equipment grounding conductor. (The sheath of type NM cable is considered to be a cover as required by this section.)
4. A grounding electrode is required to be installed at each remote service building or structure, (NEC 250-24). It is not required that the #8 solid copper bonding conductor be terminated at this electrode. Keep in mind that the option of running a 3 wire feeder, as allowed in 250-24, is not permitted at swimming pool installations, per NEC 680-25(d).





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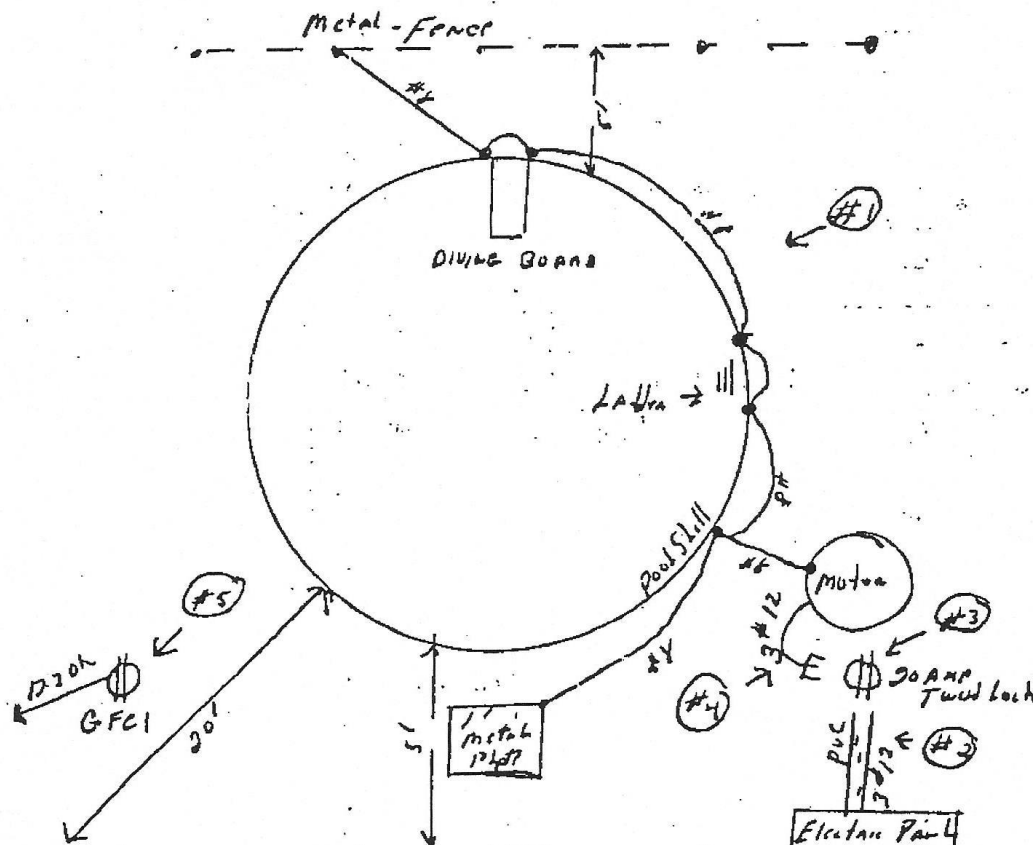


All metal parts of the pool structure and pool associated equipment, including raceways boxes, etc., and metal fences, piping, raceways or other fixed metal objects located within 5 foot of the pool walls and within 12 feet of the maximum water level of the pool, shall be bonded together in a common grid. (NEC 680-22)



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- #1 All metal parts within five (5) feet of edge must be bonded with a eight (#8) Copper Solid Wire.
- #2 Wiring to pool motor must be in approved electrical PVC or conduit.
- #3 Pool motor or receptacle must have an insulated twelve (#12) copper ground originating in the main electrical panel.
- #4 Pool motor must have a three (3) twelve (#13) flexible rubber cord no longer than three (3) feet with a twist lock receptacle plug rated at twenty (20) amps.
- #5 An independent G.F.C.I. receptacle must be located no closer than ten (10) feet and no more than twenty (20) feet from the pools edge.
- #6 The twist lock receptacle for the pool motor must have a weatherproof cover that completely surrounds the attachment plug at all times.





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1220.5. Swimming pool alarms. [amended text 12/14/2006]

(a) Purpose. Paragraph (b) of subdivision (14) of section 378 of the Executive Law, as added by Chapter 450 of the Laws of 2006, requires that the New York State Uniform Fire Prevention and Building Code (the Uniform Code) provide that any “residential or commercial swimming pool constructed or substantially modified after the effective date of this paragraph (December 14, 2006) shall be equipped with an acceptable pool alarm capable of detecting a child entering the water and of giving an audible alarm.” The Introducer’s Memorandum in Support of Chapter 450 states, in pertinent part, that “drowning is the second leading cause of unintentional injury-related deaths in children between the ages of one and fourteen nation wide, and the third leading cause of injury-related deaths of children in New York. . . . (T)echnological advances have produced several different types of pool alarms designed to sound a warning if a child falls into the water. When used in conjunction with access barriers, these alarms provide greater protection against accidental pool drownings.” This section and section 1221.3 of Part 1221 of this Title are intended to implement the provisions of Executive Law section 378(14)(b).

(b) Definitions. The terms “approved,” “commercial swimming pool,” “residential swimming pool,” “swimming pool,” “substantial damage,” and “substantial modification” shall, for the purposes of this section, have the meanings ascribed in subdivision (b) of section 1221.3 of Part 1221 of this Title.

(c) Pool alarms. Each residential swimming pool installed, constructed or substantially modified after December 14, 2006 and each commercial swimming pool installed, constructed or substantially modified after December 14, 2006 shall be equipped with an approved pool alarm which:

- (1) is capable of detecting a child entering the water and giving an audible alarm when it detects a child entering the water;
- (2) is audible poolside and at another location on the premises where the swimming pool is located;
- (3) is installed, used and maintained in accordance with the manufacturer’s instructions;
- (4) is classified by Underwriter’s Laboratory, Inc. (or other approved independent testing laboratory) to reference standard ASTM F2208, entitled “Standard Specification for Pool Alarms,” as adopted in 2002 and editorially corrected in June 2005, published by ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428; and
- (5) is not an alarm device which is located on person(s) or which is dependent on device(s) located on person(s) for its proper operation.

(d) Multiple pool alarms. A pool alarm installed pursuant to subdivision (c) of this section must be capable of detecting entry into the water at any point on the surface of the swimming pool. If necessary to provide detection capability at every point on the surface of the swimming pool, more than one pool alarm shall be installed.