



Plattsburgh, New York

Building and Zoning Department
41 City Hall Place
Plattsburgh, NY 12901
Ph: 518-563-7707
Fax: 518-563-6426

APPLICATION FOR POOL INSTALLATION OR POOL W/DECK INSTALLATION

**IT'S THE LAW!
CALL UFPO 2 WORKING
DAYS BEFORE YOU DIG!
1-800-962-7962**

Date: _____

Building Permit Application: _____

Application is hereby made to the Building Inspector for the issuance of a Building and Zoning Permit pursuant to the City of Plattsburgh Zoning Ordinance and the NYS Uniform Fire Prevention and Building Code for the construction of buildings, structures, renovations, alterations, and change in use, demolitions, fences, paving and electrical. The applicant or owner agrees to apply with all applicable regulations and all conditions expressed on the back of this application, and will also allow all inspectors to enter the premises for the required inspections.

Note: Read Instructions On Reverse Side. Applicant is responsible for accurate information.

Address of Work Site: _____

Zoning District: _____

Land Use: Commercial _____ Residential _____
Residential two family _____ Multi-Residential _____
Mixed _____ Industrial _____

Type of Project:
New Construction: _____
Structural Alterations: _____
Renovations: _____

Description of Project: _____

Accessory Structure: _____
Electrical _____ Plumbing _____ Conversion _____
Demolition _____ Fence _____ Pool _____ Deck _____

ESTIMATED COST \$ _____ FEE \$ _____

Other _____

Applicant: _____

Business Name _____

Applicant's Address: _____

Owner's Name: _____

Telephone: _____

Owner's Address _____

E-Mail: _____

Contractor: _____

Registration: _____

Architect: _____

Insurance: _____

Plumbing: _____

Electrical: _____

Square Feet: _____

Foundation Permit Issued: _____

Signature of Applicant

Signature of Owner or Authorized Agent

ALL ELECTRICAL WORK MUST BE INSPECTED BY AND A CERTIFICATE OF APPROVAL OBTAINED FROM A CERTIFIED ELECTRICAL INSPECTION AGENCY

Historical Site _____

Storage Tanks Requiring Excavation: _____

UTILITY APPROVAL REQUIRED WHEN APPLICABLE

THIS APPLICATION IS HEREBY APPROVED SUBJECT TO THE BUILDING PERMIT INSPECTION REPORT

DATE

BUILDING INSPECTOR

NOTES: MLD _____ INS _____ CONT. REG. _____ FEE _____ PLANS _____ OTHER _____



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CITY OF PLATTSBURGH SWIMMING POOL CHECKLIST (Must be submitted with Application)

Building Permit # _____

Address _____

Owner _____

Installer _____

Date of Inspection _____

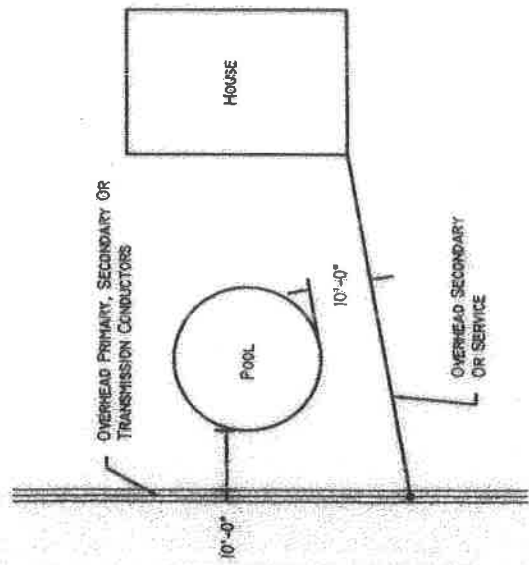
- | | | |
|--|----------|-----------|
| 1. Does the permit properly identify pool location and type? | Yes [] | No [] |
| 2. Is the pool in ground or above ground? | In [] | Above [] |
| 3. Does the site meet the barrier requirements? | Yes [] | No [] |
| 4. Is the access gate in compliance? | Yes [] | No [] |
| A. self closing | Yes [] | No [] |
| B. self latching | Yes [] | No [] |
| 5. Is there a door from the dwelling that allows access | Yes [] | No [] |
| A. self closing | Yes [] | No [] |
| B. self latching | Yes [] | No [] |
| C. alarm in compliance | Yes [] | No [] |
| 6. Is the pool alarm installed? | Yes [] | No [] |
| A. does the alarm meet the requirements? | Yes [] | No [] |
| 7. Is entrapment protection installed? | Yes [] | No [] |
| 8. Is the pool maintained clean and sanitary? | Yes [] | No [] |
| 9. Is there an electrical inspection certificate? | Yes [] | No [] |
| Has this pool installation met the requirements? | Pass [] | Fail [] |

Applicant: _____ Code Official _____

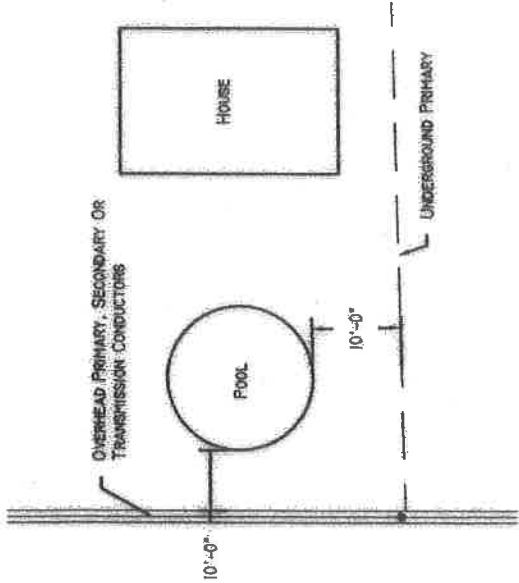
- A. The barrier must be at least 4 feet high and must completely surround the swimming pool. Above ground pools may meet this requirement.
- B. Access gates must be securely locked with a key, combination or other child-proof lock sufficient to prevent access to the swimming pool.
- C. Access gates must be self-closing and self-latching.
- D. All doors with direct access to the pool must be equipped with an approved alarm or access door (shall be self-closing and self-latching).
- E. Every swimming pool that is installed constructed or substantially modified after December 14, 2006 must be equipped with an approved pool alarm.
- F. Pool systems shall be designed as to prevent entrapment.
- G. Any alteration or expansion of the electrical system must be inspected by a third party electrical inspector.
- H. For a more complete guide to the requirements for swimming pools please visit Dept. of State website:
<http://www.dos.ny.gov/DCEA/PDF/PoolsumUC0708.pdf>

1. BONDING THE POOL:

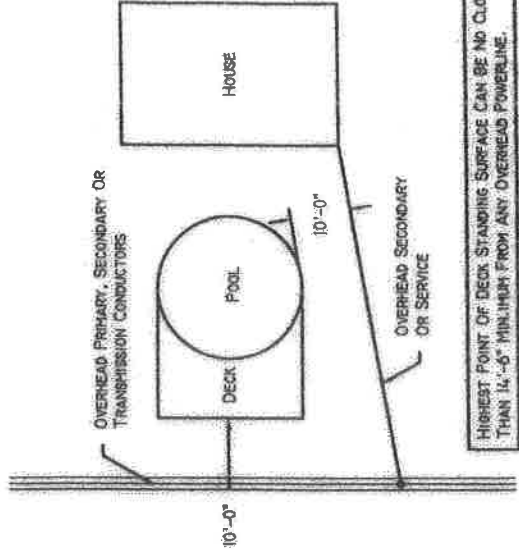
- a. All metal parts must be bonded together using a #8 (or larger) solid copper wire.
- b. Conductive pool shells must be bonded in a minimum of four (equal) points uniformly spaced around the pool.
- c. Non-conductive pool shells must have a #8 (or larger) solid copper wire buried inside pool wall around the pool (equipotential bonding) that which starts and returns/terminates at pool pump.
- d. Bonding points or attachment must use non-corrosive clamps.
- e. A minimum of nine (9) square inches of metal must in the water bond the water. Bonding to a pool water heater shall satisfy this requirement.



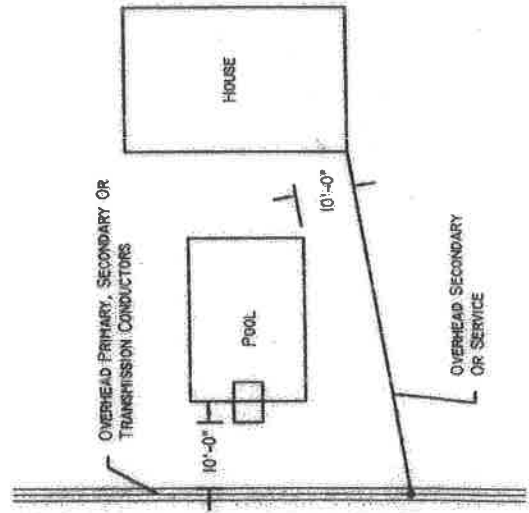
SECONDARY FOR POOLS



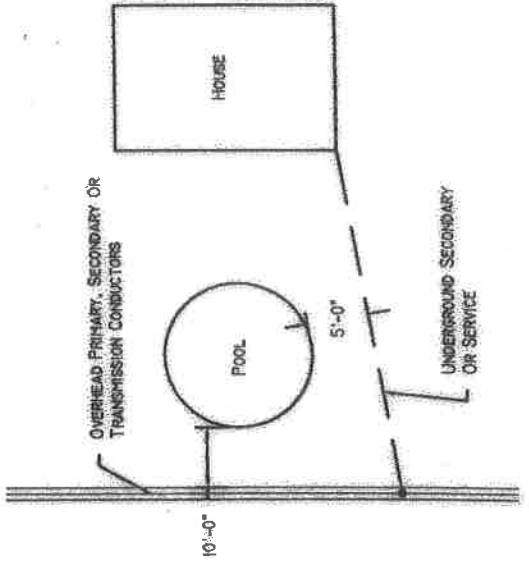
UNDERGROUND PRIMARY FOR POOLS




SECONDARY FOR POOLS WITH DECK



SECONDARY FOR POOLS WITH DIVING BOARD



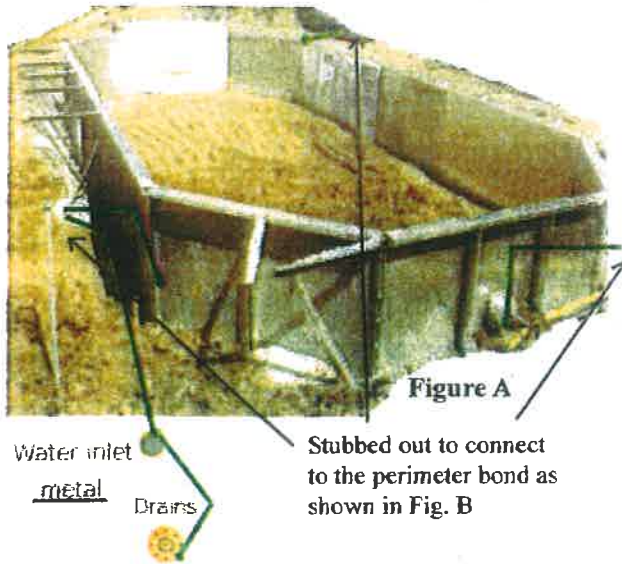
UNDERGROUND SECONDARY FOR POOLS


 PLATTSBURGH MUNICIPAL LIGHTING DEPARTMENT
 NESCA Building Offset
 Secondary For Pools

Bonding of Swimming Pools

Article 680.26

Two bonding inspections will be required on most pools



The first inspection is for structure bonding. This bonding is to connect one end of a whip to the pool light, walls of the metal frame, and any other metal that will be covered after the dirt is backfilled and leveled around the pool, and leave the opposite end exposed for later connection to the perimeter bonding conductor.

This inspection is a **640 - pool structural bond**.

Pool perimeter bond loop. This is installed 18 to 24 inches away from the inside of the pool in the concrete surrounding the pool. All items to be bonded connect to this loop.

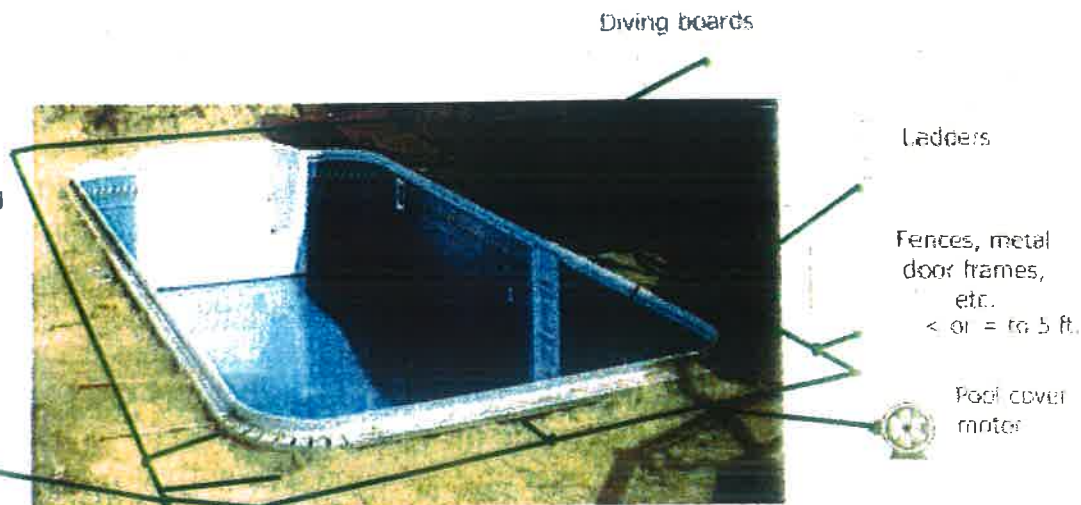
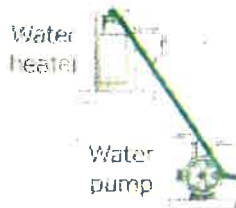


Figure B

The second inspection is a **650 - pool perimeter bond** and it is requested after everything is backfilled and leveled but before the concrete is installed. All metal parts within 5 feet of the pool are to be connected to this conductor at the time the inspection is requested.

Equipotential Bonding Grid. The parts specified in 680.26(B) shall be connected to an equipotential bonding grid with a **solid bare copper conductor** not smaller than 8 AWG. This perimeter bonding conductor is to follow the contour of the pool and be located 18 to 24 inches from the inside walls of the pool. This conductor is to be installed in the concrete surrounding the pool or under the perimeter surface 4 to 6 inches below the subgrade. *All connections shall be made by exothermic welding or by listed pressure connectors or clamps that are labeled as being suitable for the purpose.*

An intentional bond of a minimum conductive surface area of 9 square inches shall be installed in contact with the pool water. This bond is permitted to consist of parts that are already required to be bonded, such as the pool light or metallic ladder.