

# POOL

**(See separate checklist for Spas/Hot Tubs)**

**MAXIMUM PLAN SIZE 24" X 36"**  
**NO HIGHLIGHTING**

Town of Jupiter  
Registration No: \_\_\_\_\_

**Applicant must provide a completed application and the following items:  
(one copy if items are 11" x 17" or smaller and two copies if larger)**

**Please indicate items submitted with a checkmark (✓)**

1. Permit application (check appropriate trade) completed and signed \_\_\_\_\_  
 Pool only \_\_\_\_\_ Pool w/Deck \_\_\_\_\_ Pool w/Spa \_\_\_\_\_ Pool w/Deck/Spa \_\_\_\_\_
2. **Copy of completed contract signed by both parties** \_\_\_\_\_
3. Owner/Builder affidavit; if applicable \_\_\_\_\_
4. Acknowledgment of Owner Responsibility - **NOTARIZED** \_\_\_\_\_
5. Completed Drainage Certification Form \_\_\_\_\_
6. Plumbing permit application to be submitted with original permit package \_\_\_\_\_
7. Electrical permit application by certified electrician to be submitted with original permit package \_\_\_\_\_
8. Survey showing location of pool and setbacks \_\_\_\_\_
  - a. Must have printed legal description \_\_\_\_\_
  - b. Indicate distance from power lines, septic system and structures \_\_\_\_\_
  - c. **Drainage plan/survey including flow arrows representing the proposed site drainage** \_\_\_\_\_

	Front		Rear		Side		Side	
	Pool	Deck	Pool	Deck	Pool	Deck	Pool	Deck
Required Setback								
Proposed Setback								

9. Engineer **signed/sealed** plans, include designer name and address \_\_\_\_\_
10. Pool Heater: Gas \_\_\_\_\_ Electric \_\_\_\_\_ None \_\_\_\_\_  
 (Requires separate gas permit)
11. 200A (minimum) electric service -OR-  
 If less than 200A provide load calculation including proposed pool equipment \_\_\_\_\_

**Commercial Pools:**

(Applies to pool other than residential OR pools used by more than five families)

1. Plans stamped by: \_\_\_\_\_
  - a) Jupiter Utilities Department \_\_\_\_\_
  - b) LRECD \_\_\_\_\_
2. Soil analysis report \_\_\_\_\_
3. Survey and site plan with deck and pool elevations \_\_\_\_\_
4. Public pool permit notification PBC Health Department \_\_\_\_\_

**IF RESIDENT LIVES IN A DEED RESTRICTED COMMUNITY,  
OBTAIN HOMEOWNERS ASSOCIATION APPROVAL PRIOR TO COMMENCING WORK**

- Provide inspector with a final "as-built" drainage plan at final inspection
- Temporary 4 ft. high fence required during construction!

# TOWN OF JUPITER BUILDING DEPARTMENT

## FIELD INSPECTION SERVICES

### BONDING OF POOL WATER

Recent industry changes have created an issue concerning equipotential bonding that is having an impact on swimming pool construction and all pool inspections. The issue of concern is the requirement found in the National Electrical Code 680.26(C) dealing with the bonding of pool water. This article says:

*“(C) Pool Water. An intentional bond of a minimum conductive surface area of 5800mm<sup>2</sup> (9 in.<sup>2</sup>) shall be installed in contact with the pool water. This bond shall be permitted to consist of parts that are required to be bonded in 680.26(B).”*

In many pools, this code requirement is met by the installation of a metallic ladder, a metallic hand rail or standard wet niche lighting. Each of these is required to be bonded to the equipotential bonding grid since they have parts in direct contact with pool water. In the case of standard wet niche lighting the metal ring surrounding the light provides the direct contact. However, many residential swimming pools being installed do not contain a metallic ladder or hand rail and, in recent times, standard wet niche lighting is being replaced with a plastic wet niche or LED lighting which require no bonding. The issue of concern then becomes how to effectively bond the pool water using this type of pool construction thus meeting the requirement as stated in 680.26(C).

Some have felt that since a listed swimming pool pump has pool water flowing through it and is required to be bonded that this will satisfy the code reference in question. However, there is a lack of any language either from any pump manufacturer or from a National Recognized Testing Laboratory (NRTL), such as Underwriters Laboratory (UL), specifically stating that there is the required 9 in.<sup>2</sup> of conductive surface in direct contact with the pool water. The same holds true for listed pool heaters. Therefore, it is the position of the Town of Jupiter that neither pumps nor heaters can be used to meet the requirement of NEC 680.26(C) unless that language is available and on site at time of inspection.

In lieu of using conventional means to bond pool water there are listed products available that allow a contractor to satisfy this code requirement a sampling of which can be found at the following websites.

<http://waterbonder.com/>

<http://www.bondsafe680.com/>

<http://permacastonline.com/>

### CONCLUSION

The Town of Jupiter always has been and remains committed to making our community as safe as possible. The use of residential swimming pools is no exception. This is of special concern since we have a large number of swimming pools and the majority is accessible to children. In view of the foregoing, all future inspections will be looking to ensure this type of bonding prior to the introduction of pool water.



**Drainage Certification Form**  
**Town of Jupiter Building Department**

Permit # \_\_\_\_\_

(Print Name) I, \_\_\_\_\_ intending to be legally bound, hereby certify the lot drainage will be installed in accordance with the approved site drainage plans and details.

At said property \_\_\_\_\_ Date: \_\_\_\_\_

Signature, Permit Qualifier: \_\_\_\_\_

License # \_\_\_\_\_

**State of Florida**  
**Palm Beach County**

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_ (Year).

by \_\_\_\_\_ who  
(Name of Person Acknowledging)

Personally Known \_\_\_\_\_ Or Produced Identification \_\_\_\_\_

Type of Identification Produced \_\_\_\_\_

\_\_\_\_\_  
(Signature of Notary Public – State of Florida)

\_\_\_\_\_  
(Print, Type or Stamp Commissioned Name of Notary Public)

**210 Military Trail**  
**Jupiter, Florida**  
**(561) 741-2286 Telephone**  
**(561) 741-0911 Fax**

**TOWN OF JUPITER BUILDING DEPARTMENT**

210 Military Trail, Jupiter, Florida 33458

(561) 741-2286

**ACKNOWLEDGEMENT OF  
OWNER RESPONSIBILITY FOR POOL SAFETY**

Permit No. \_\_\_\_\_

Owner \_\_\_\_\_  
(Print name)

Address \_\_\_\_\_

When a pool permit is issued, I understand that it is my responsibility as owner of the property to provide safety enclosures and barriers pursuant to Florida Building Code Chapter 424, Florida Statute 515 and ANSI/NSPI-8.

These safety enclosures and barriers will be installed and in working order at time of final pool inspection.

\_\_\_\_\_  
Signature of Owner

**THIS DOCUMENT MUST BE NOTARIZED**

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_ by \_\_\_\_\_ who is personally known to me or has produced \_\_\_\_\_ as identification and who did or did not take an oath.

**NOTARY PUBLIC**

Signature \_\_\_\_\_

Printed \_\_\_\_\_

My Commission Expires \_\_\_\_\_ Serial # \_\_\_\_\_  
(if any)

Official Stamp / Seal:

*For information on pool enclosure and barrier requirements, please contact the Jupiter Building Dept, Monday through Friday, 8:00 AM to 5:00 pm.*

**PUBLIC POOL PERMIT NOTIFICATION  
PALM BEACH COUNTY HEALTH DEPARTMENT**

**File this notice before commencing work on a public pool**

TO: Palm Beach County Health Dept.  
Environmental Public Health  
Plan Review & Permits  
P.O. Box 29, 800 Clematis Street  
West Palm Beach, FL 33402

Fax to: 561-837-5294  
Phone: 561-837-5900 #5  
e-mail: Thomas\_lefevre@doh.state.fl.us

DATE: \_\_\_\_ / \_\_\_\_ / 201\_\_

FROM: \_\_\_\_\_  
(Contractor) (License No.)  
\_\_\_\_\_  
(Address) (Phone/Fax)  
\_\_\_\_\_  
(City, State) (e-mail)

This will serve as notification of proposed public pool construction or modifications for:

\_\_\_\_\_  Pool  Spa  Other \_\_\_\_\_  
(Pool owner name)

located at \_\_\_\_\_  
(Street address, City, ZIP)

Operating Permit No.: 50-60- \_\_\_\_\_ (existing pool)

Building Permit No.: \_\_\_\_\_ Issue Date: \_\_\_\_\_

Building Department Name.: \_\_\_\_\_

Work to be performed:

New Construction  Modify existing

Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Contractor must submit an application for initial operation permit form DH 918 (available at <http://www.doh.state.fl.us/environment/water/swim/index.html>) and one copy of plans approved by the building department to PBCHD to obtain a health department inspection and approval for a public pool operating permit. The fee for new pools is \$150.00. No fee is required for modifications.**

An inspection of this project will be requested upon certification of completion.

\_\_\_\_\_  
(Signature of Contractor)

\_\_\_\_\_  
(Date of commencement)

SMP