



*Before final we must survey required*

Town of Holden Beach, North Carolina  
**POOL PERMIT APPLICATION**

Please check with the Inspections Department, a minor CAMA permit may be required prior to submitting this application.

This application must have an approval from the Health Department if the pool is being installed for anything other than a single family residence.

To be completed by Holden Beach Staff  
Street Address: \_\_\_\_\_  
Permit Number: \_\_\_\_\_  
Tax Parcel Number: \_\_\_\_\_

**Section 1: Basic Data (Information to be provided by applicant)**

HOMEOWNER'S NAME: \_\_\_\_\_ Telephone: \_\_\_\_\_

Holden Beach Property Address: \_\_\_\_\_

Lot Number: \_\_\_\_\_ Subdivision: \_\_\_\_\_

Permanent Mailing Address: (Print "SAME" if local address applies)

Street Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Name of Authorized Representative (if any): \_\_\_\_\_

CONTRACTOR who will perform work: \_\_\_\_\_ Contact Person: \_\_\_\_\_

Contractor Address: \_\_\_\_\_ Phone: \_\_\_\_\_

NC State Contractor's License Number: \_\_\_\_\_ Current Privilege License: Yes No

Workman's Compensation # (Attach Copy) \_\_\_\_\_

Plumber is: \_\_\_\_\_ Electrician is: \_\_\_\_\_

Zoning District of Property (Check One):

Residential (R-1 Zone) \_\_\_\_\_ Residential (R-2 Zone) \_\_\_\_\_ Commercial (C-1 Zone) \_\_\_\_\_

Work Classification to be performed (Check One) and value:

New \_\_\_\_\_ Alteration \_\_\_\_\_ Repair \_\_\_\_\_ List all repairs in detail on the back side of the application.  
\$ \_\_\_\_\_ \$ \_\_\_\_\_ \$ \_\_\_\_\_

Primary Structure on the Lot (Check Below):

Single Family \_\_\_\_\_ Two Family \_\_\_\_\_ Condominium \_\_\_\_\_ Townhouse \_\_\_\_\_

Other \_\_\_\_\_ Description \_\_\_\_\_

Pool/ Decking Construction:

Type of Material: \_\_\_\_\_ Square Footage of Pool Decking: \_\_\_\_\_ Value of Decking: \_\_\_\_\_

Fence Height (if installed): \_\_\_\_\_ Value of Fence: \$ \_\_\_\_\_

Supplemental Information:

Value of Pool: \_\_\_\_\_

Flood Zone Designation (X, AE, VE) \_\_\_\_\_

FEMA Base Flood Elevation: \_\_\_\_\_

\*\*\*RPZ valve needed for final\*\*\*

Please submit the following items with the application:

- Zoning Permit
- Survey Site Plan
- Y-OFF or Extra Meter
- Stormwater Plan (if applicable)

**Section 2. Conditions and Acceptance (to be completed by applicant)**

- 1- Separate permits are required for work that involves electrical, plumbing, heating, ventilation or air conditioning installation.
- 2- This permit becomes null and void if work or construction authorized has not begun within six months from the date of this permit or construction or work is suspended or abandoned for a period of one year at any time after the start of work.

PRIOR TO PERMIT APPROVAL, THE APPLICANT MUST ATTEST TO THE FOLLOWING STATEMENT:  
"I certify that the information submitted above in Section 1 is true and factual to the best of my knowledge and that I have read and understand the conditions as stated in Section 2. I also understand that all provisions of law and ordinances governing the type of work applied for will be complied with, whether specifically specified herein or not. Finally, I understand that the granting of this permit does not presume to give me the authority to violate or cancel provisions of any other state or local law regulating construction of the performance of construction."  
**Fire Hydrants are not to be tampered with or used for the filling of pools per the Fire Inspector.**

Signature of Owner or Agent: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name as Above: \_\_\_\_\_

(This form supersedes all previous application forms as of November 22, 2005 and hereinafter is to be utilized.)

**Section 3: Town of Holden Beach Permitting Process Data (to be completed by Town Staff)**

Property Valuation: \_\_\_\_\_  
Homeowners Recovery Fee: \_\_\_\_\_  
Building Fee: \_\_\_\_\_  
Administrative Fee: \_\_\_\_\_  
Receipt Number: \_\_\_\_\_  
Total Collected: \_\_\_\_\_  
Date Collected: \_\_\_\_\_  
Impact Fee: \_\_\_\_\_

Approved for Issuance Date: \_\_\_\_\_  
Permitting Official Signature: \_\_\_\_\_  
Building Inspector's Signature: \_\_\_\_\_

## APPENDIX G

# SWIMMING POOLS, SPAS AND HOT TUBS

(The provisions contained in this appendix are adopted as part of this code.)

### SECTION AG101 GENERAL

**AG101.1 General.** The provisions of this appendix shall control the design and construction of swimming pools, spas and hot tubs installed in or on the *lot* of a one- or two-family dwelling.

**AG101.2 Pools in flood hazard areas.** Pools that are located in flood hazard areas established by Table R301.2(1), including above-ground pools, on-ground pools and in-ground pools that involve placement of fill, shall comply with Sections AG101.2.1 or AG101.2.2.

**Exception:** Pools located in riverine flood hazard areas which are outside of designated floodways.

**AG101.2.1 Pools located in designated floodways.** Where pools are located in designated floodways, documentation shall be submitted to the *building official*, which demonstrates that the construction of the pool will not increase the design flood elevation at any point within the *jurisdiction*.

**AG101.2.2 Pools located where floodways have not been designated.** Where pools are located where design flood elevations are specified but floodways have not been designated, the applicant shall provide a floodway analysis that demonstrates that the proposed pool will not increase the design flood elevation more than 1 foot (305 mm) at any point within the *jurisdiction*.

### SECTION AG102 DEFINITIONS

**AG102.1 General.** For the purposes of these requirements, the terms used shall be defined as follows and as set forth in Chapter 2.

**ABOVE-GROUND/ON-GROUND POOL.** See "Swimming pool."

**BARRIER.** A fence, wall, building wall or combination thereof which completely surrounds the swimming pool and obstructs access to the swimming pool.

**HOT TUB.** See "Swimming pool."

**IN-GROUND POOL.** See "Swimming pool."

**RESIDENTIAL.** That which is situated on the premises of a detached one- or two-family dwelling or a one-family *townhouse* not more than three stories in height.

**SPA, NONPORTABLE.** See "Swimming pool."

**SPA, PORTABLE.** A nonpermanent structure intended for recreational bathing, in which all controls, water-heating and water-circulating *equipment* are an integral part of the product.

**SWIMMING POOL.** Any structure intended for swimming or recreational bathing that contains water over 24 inches (610

mm) deep. This includes in-ground, above-ground and on-ground swimming pools, hot tubs and spas.

**SWIMMING POOL, INDOOR.** A swimming pool which is totally contained within a structure and surrounded on all four sides by the walls of the enclosing structure.

**SWIMMING POOL, OUTDOOR.** Any swimming pool which is not an indoor pool.

### SECTION AG103 SWIMMING POOLS

**AG103.1 In-ground pools.** In-ground pools shall be designed and constructed in conformance with ANSI/NSPI-5 as listed in Section AG108.

**AG103.2 Above-ground and on-ground pools.** Above-ground and on-ground pools shall be designed and constructed in conformance with ANSI/NSPI-4 as listed in Section AG108.

**AG103.3 Pools in flood hazard areas.** In flood hazard areas established by Table R301.2(1), pools in coastal high hazard areas shall be designed and constructed in conformance with ASCE 24.

### SECTION AG104 SPAS AND HOT TUBS

**AG104.1 Permanently installed spas and hot tubs.** Permanently installed spas and hot tubs shall be designed and constructed in conformance with ANSI/NSPI-3 as listed in Section AG108.

**AG104.2 Portable spas and hot tubs.** Portable spas and hot tubs shall be designed and constructed in conformance with ANSI/NSPI-6 as listed in Section AG108.

### SECTION AG105 BARRIER REQUIREMENTS

**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, above-ground or on-ground pool, hot tub or spa shall be surrounded by 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 above-ground 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  $1\frac{3}{4}$  inches (44 mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed  $1\frac{3}{4}$  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  $1\frac{3}{4}$  inches (44 mm) in width.
6. Maximum mesh size for chain link fences shall be a  $2\frac{1}{4}$ -inch (57 mm) square unless the fence has slats fastened at the top or the bottom which reduce the openings to not more than  $1\frac{3}{4}$  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  $1\frac{3}{4}$  inches (44 mm).
8. Access gates shall comply with the requirements of Section AG105.2, Items 1 through 7, and shall be equipped to accommodate a locking device. 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 larger than  $\frac{1}{2}$  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 F 1346; or
  - 9.2. 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/or its screen, if present, are opened. The alarm shall be listed and *labeled* in accordance with UL 2017. 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, which are *approved* by the governing body, shall be acceptable as 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 above-ground 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:
  - 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. Walls surrounding an indoor swimming pool shall comply with Section AG105.2, Item 9.

AG105.4 Prohibited locations. Barriers shall be located to prohibit permanent structures, *equipment* or similar objects from being used to climb them.

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.

#### SECTION AG106 ENTRAPMENT PROTECTION FOR SWIMMING POOL AND SPA SUCTION OUTLETS

AG106.1 General. Suction outlets shall be designed and installed in accordance with ANSI/APSP-7.

## Barriers for Residential Swimming Pool, Spas, and Hot Tubs

The preceding explanations of CPSC's pool barrier guidelines were provided to make it easier for pool owners, purchasers, builders, technicians, and others to understand and apply the guidelines to their particular properties or situations. Reading the following guidelines in conjunction with the diagrams or figures previously provided may be helpful. For further information, consult your local building department or code authority.

### Outdoor Swimming Pools

All outdoor swimming pools, including inground, above ground, or onground pools, hot tubs, or spas, should have a barrier which complies with the following:

1. The top of the barrier should be at least 48 inches above the surface measured on the side of the barrier which faces away from the swimming pool (figure 1).
2. The maximum vertical clearance between the surface and the bottom of the barrier should be 4 inches measured on the side of the barrier which faces away from the swimming pool. In the case of a non-solid surface, grass or pebbles, the distance should be reduced to 2 inches, and 1 inch for removable mesh fences (figures 1 and 10).
3. Where the top of the pool structure is above grade or surface, such as an above ground 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 should be 4 inches (figure 9).
4. Openings in the barrier should not allow passage of a 4-inch diameter sphere (figure 11).
5. Solid barriers, which do not have openings, such as a masonry or stone wall, should not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints (figure 2).
6. Where the barrier is composed of horizontal and vertical members and the distance between the bottom and top horizontal members is less than 45 inches, the horizontal members should be located on the swimming pool side of the fence (figure 3).
7. Spacing between vertical members should not exceed  $1\frac{3}{4}$  inches in width. Where there are decorative cutouts, spacing within the cutouts should not exceed  $1\frac{3}{4}$  inches in width (figure 4).
8. Maximum mesh size for chain link fences should not exceed  $1\frac{1}{4}$  inch square unless the fence is provided with slats fastened at the top or the bottom which reduce the openings to no more than  $1\frac{3}{4}$  inches (figures 5 and 6).
9. Where the barrier is composed of diagonal members, such as a lattice fence, the maximum opening formed by the diagonal members should be no more than  $1\frac{3}{4}$  inches (figure 7).
10. Access gates to the pool should be equipped with a locking device. Pedestrian access gates should open outward, away from the pool, and should be self-closing and have a self-latching device (figure 12). Gates other than pedestrian access

gates should have a self-latching device. Where the release mechanism of the self-latching device is located less than 54 inches from the bottom of the gate,

- (a) the release mechanism should be located on the pool side of the gate at least 3 inches below the top of the gate and
  - (b) the gate and barrier should have no opening greater than ½ inch within 18 inches of the release mechanism (figure 13).
11. Where a wall of a dwelling serves as part of the barrier, one of the following should apply:
- (a) All doors with direct access to the pool through that wall should be equipped with an alarm which produces an audible warning when the door and its screen, if present, are opened. Alarms should meet the requirements of *UL 2017 General-Purpose Signaling Devices and Systems, Section 77*. For more details on alarms, see page 13.
  - (b) The pool should be equipped with a *power safety cover* which complies with ASTM F1346-91 listed below.
  - (c) Other means of protection, such as self-closing doors with self-latching devices, are acceptable so long as the degree of protection afforded is not less than the protection afforded by (a) or (b) described above.
12. Where an above ground 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 (figure 8a), then
- (a) the ladder to the pool or steps should be capable of being secured, locked or removed to prevent access (figure 8b), or
  - (b) the ladder or steps should be surrounded by a barrier (figure 8c). When the ladder or steps are secured, locked, or removed, any opening created should not allow the passage of a 4 inch diameter sphere.

#### For more information on

#### Fencing:

- ASTM F 1908-08 *Standard Guide for Fences for Residential Outdoor Swimming Pools, Hot Tubs, and Spas*: <http://www.astm.org/Standards/F1908.htm>
- ASTM F 2286-05 *Standard Design and Performance Specifications for Removable Mesh Fencing for Swimming Pools, Hot Tubs, and Spas*: <http://www.astm.org/Standards/F2286.htm>

#### Covers:

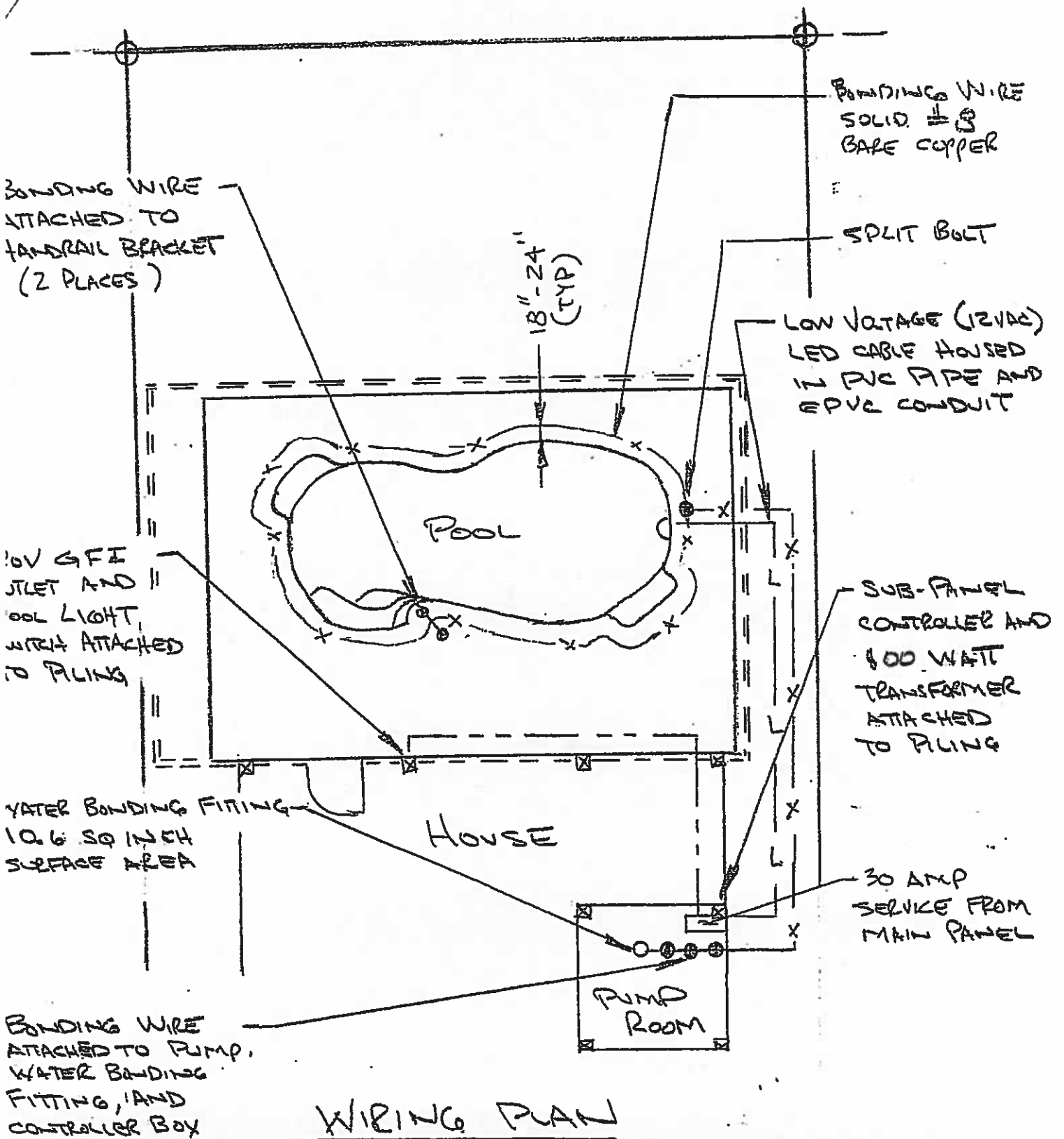
- ASTM F 1346-91 *Standard Performance Specification for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas and Hot Tubs*: <http://www.astm.org/Standards/F1346.htm>

Note: ASTM Standards are available for a fee. You may want to contact a pool contractor.

#### And:

- ASTM Standards, contact ASTM online at: <http://www.astm.org/CONTACT/index.html>
- UL (Underwriters Laboratories) Relevant Pool and Spa Standards <http://www.ul.com/global/eng/pages/>, look for Life Safety and Security Product

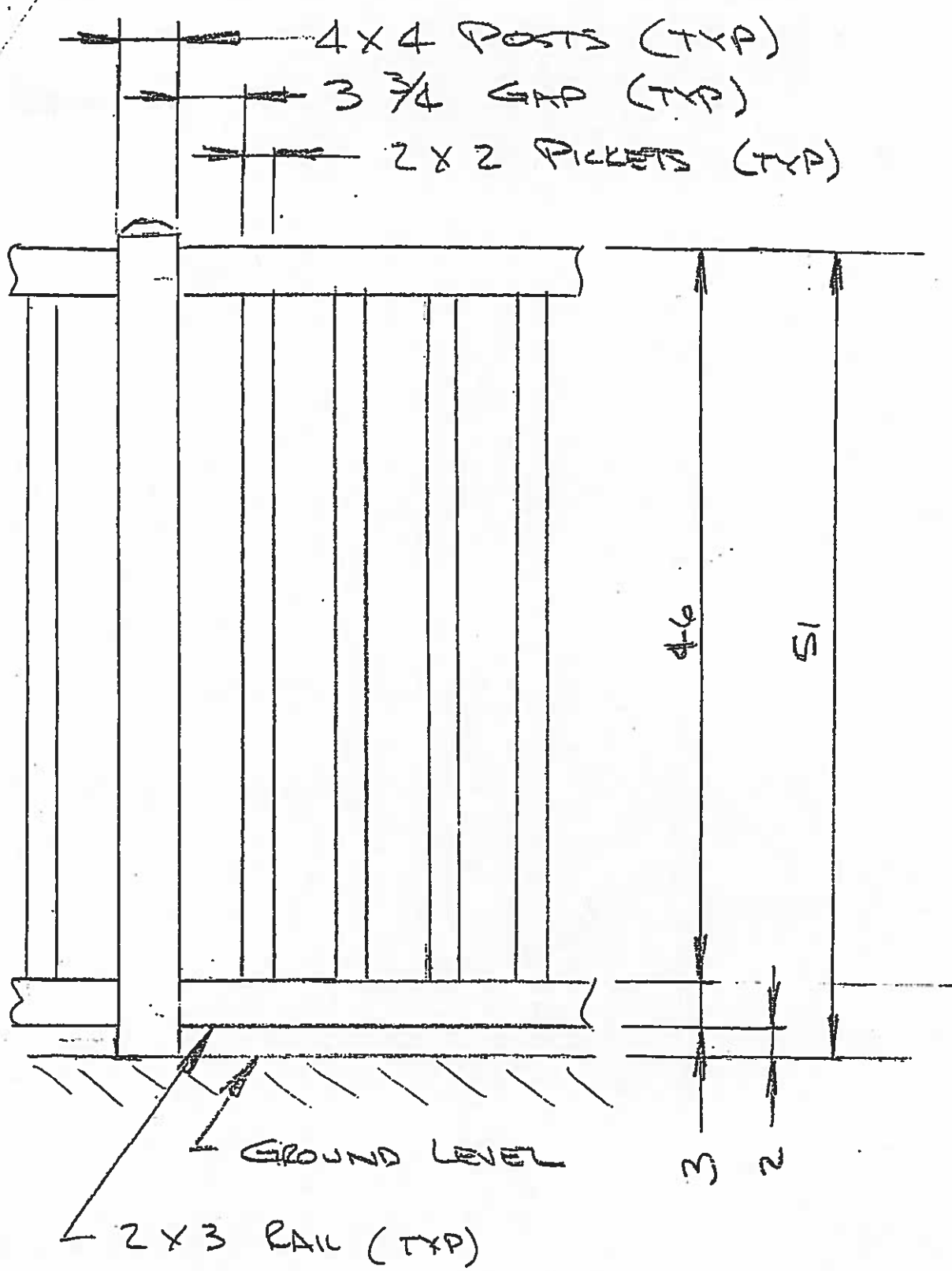
# EXAMPLE ONLY



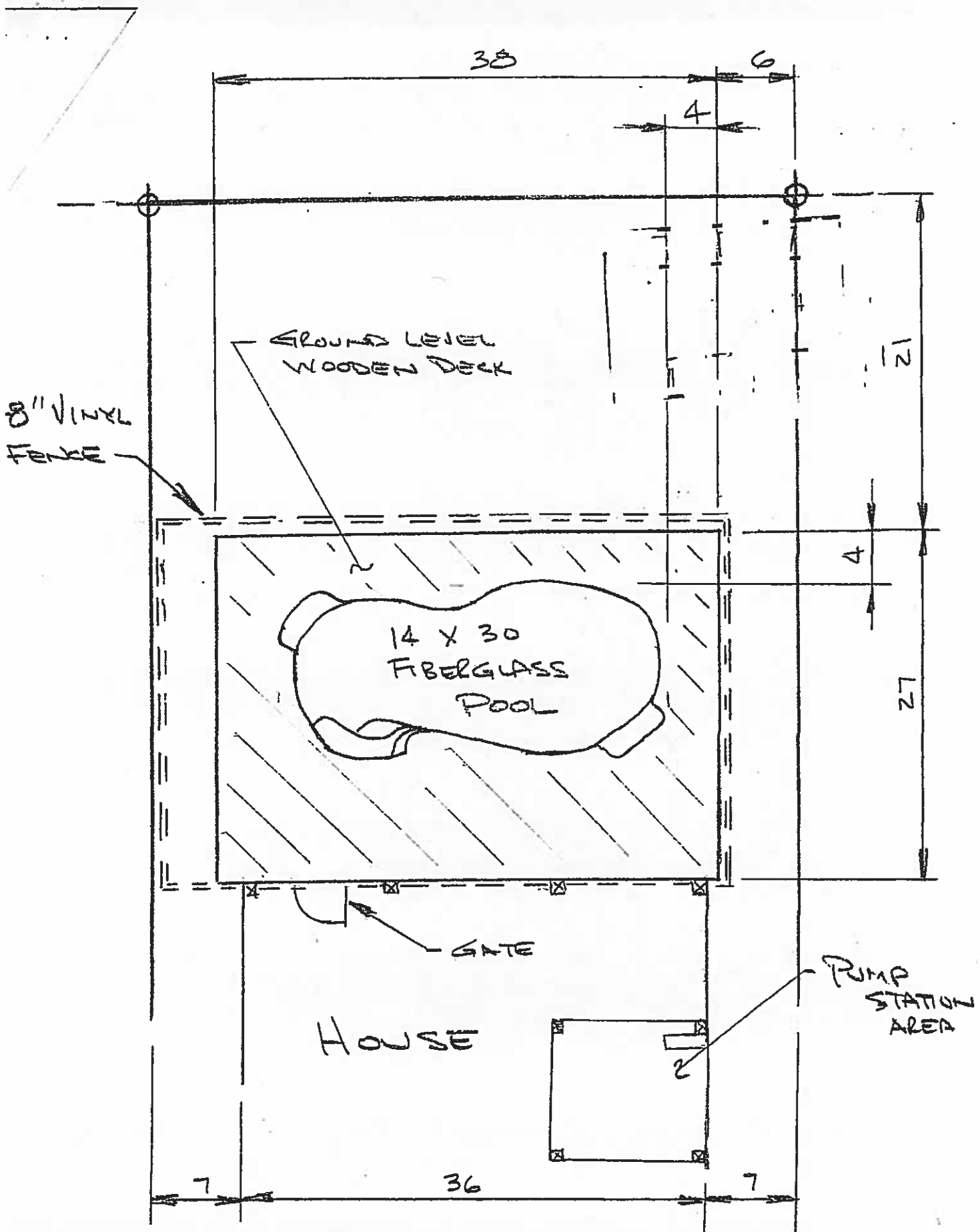
## WIRING PLAN

### KEY :

- x - BONDING WIRE
- - - - - 12VAC



VINYL FENCE DETAIL



PLAN VIEW