

## Outdoor Above-Ground Private Swimming Pools, Spas & Hot Tubs

### 1. General

Pools & Spas (Hot Tubs) are contained areas of water 24" or more in depth or greater than 250 square feet of surface area. Spas are defined as having 850 gallons of water or less.

Check with your Home Owners Association to verify compliance with covenant standards.

### 2. Location and Placement:

- A. No swimming pool shall be placed closer to any foundation wall of any principal building or structure than the depth of said foundation wall and footing. A spa may be placed up to and adjacent to any principal building or structure, however if placed on a deck, certification of structural integrity by a licensed architect or engineer may be required by the Building Department.
- B. No wall of a swimming pool, spa or hot tub shall be located less than six (6) feet from any rear or side property line, ten (10) feet from any street right-of-way line or three (3) feet from any glazing.
- C. No swimming pool, spa or hot tub shall be placed in any easement.
- D. No swimming pool, spa or hot tub shall be located within a horizontal distance of ten (10) feet from any overhead utility or electrical wiring above ground & 5-feet away below ground.
  - 1. Pump motor receptacles and external disconnect switches on the property shall be located at least Five (5) feet from the inside walls of a pool, spa or hot tub and be in line-of-sight.
  - 2. At least one 125-volt convenience receptacle shall be located a minimum of 18 " above grade, 10-feet from but not more than 20-feet from the inside wall of a pool.
  - 3. All 125-volt receptacles located within twenty (20) feet of the side walls of a pool or spa shall be protected by a ground-fault circuit interrupter.
- E. In general, private pools, spas and hot tubs shall not occupy required front or side yards. Corner lots, double frontage lots and lots of unusual configuration have separate requirements. Please contact the Building Department for further information.

### 3. Enclosure and Fencing:

- A. Private swimming pools shall be enclosed with an enclosure or fence not less than four (4) feet in height above the ground. **For above-ground swimming pools, the pool side shall count towards the minimum required fence height.** Such enclosure or fencing shall be designed so as to make the swimming pool inaccessible to children. Enclosures and fences shall be designed to withstand a horizontal concentrated load of two-hundred (200) pounds applied on a one (1) square-foot area at any point of the enclosure or fence.
- B. All barriers shall comply with the following:
  - 1. The barrier shall begin at finished ground level, or shall be mounted on top of the pool structure. Where the barrier is mounted on the pool structure, the opening between the top surface of the pool frame and the bottom of the barrier shall not allow passage of a 4-inch diameter sphere.
  - 2. Openings in the barrier shall not allow passage of a 4-inch diameter sphere.
  - 3. Solid barriers shall not contain indentations or protrusions.
  - 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, the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed 1-3/4 inches in width. Decorative cutouts shall not exceed 1-3/4 inches 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 or more, spacing between vertical members shall not exceed 4 inches. Decorative cutouts shall not exceed 1-3/4 inches in width.
  - 6. Maximum mesh size for chain link fences shall be a 1-1/4 inch square unless the fence is provided with slats fastened at the top or the bottom which reduce the openings to not more

than 1 3/4 inches.

7. Where the barrier is composed of diagonal members, such as a lattice fence, the maximum opening formed by the diagonal members shall be not more than 1-3/4 inches.
8. Access gates shall comply with the requirements of the above and shall be equipped to accommodate a locking device. Pedestrian access gates shall open outwards away from the pool and shall be self-closing and have a self-latching device. Access gates shall be a minimum of four (4) feet high with:
  - a.) The release mechanism located on the pool side of the gate at least 3 inches below the top of the gate.
  - b.) The gate and barrier shall not have an opening greater than 1/2 inch within 18 inches of the release mechanism.
9. Where a wall of a *dwelling unit* (house), serves as part of the barrier and contains a door that provides direct access to the pool, **ONE of the following shall apply:**
  - a.) 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 audible warning shall commence not more than 7 seconds after the door and door screen, if present, are opened and shall sound continuously for a minimum of 30 seconds. The alarm shall have a minimum sound pressure rating of 85 dBA at 10 feet and the sound of the alarm shall be distinctive from other household sounds such as smoke alarms, telephones and door bells. The alarm shall automatically reset under all conditions. The alarm shall be equipped with manual means, such as touchpads or switches, to deactivate temporarily the alarm for a single opening from either direction. Such deactivation shall last for not more than 15 seconds. The deactivation touchpads or switches shall be located at least 54 inches above the threshold of the door.
  - b.) All doors with direct access to the pool through the wall shall be equipped with a self-closing and self-latching device with the release mechanism located a minimum of 54 inches above the floor. Swinging doors shall open away from the pool area.
  - c.) The pool shall be equipped with a power safety cover. When in a closed position, the cover shall be capable of holding a weight of 485 pounds, and shall not have any openings that allow passage of a 4-1/2 inch sphere and shall incorporate a system to drain standing water that collects on the cover. The cover control switch shall be permanently installed and be key-operated and of a spring-loaded or momentary-contact type. When the switch is released, the operation of the cover shall stop instantly and be capable of reversing direction immediately. The switch shall be in the line of sight of the complete pool cover.
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 fixed or removable ladder or steps, the ladder or steps shall be surrounded by a barrier which meets the requirements of items 1 through 9 above. **A removable ladder shall not constitute an acceptable alternative to enclosure requirements.**

### **Exemptions:**

Spas and hot tubs equipped with an approved listed safety cover are exempt from enclosure and fencing requirements.

### **Required Submissions:**

1. One (1) Site Plan indicating all checklist items.
2. Two (2) sets of Barrier Specifications (can include manufacturer diagrams for portions thereof).
3. One (1) set of Pool Equipment Specifications.
4. Written Homeowners Association approval must accompany the permit application if required.

# **ABOVE-GROUND POOL SUBMITTAL CHECKLIST – ITEMS REQUIRED FOR PERMIT**

Refer to the Building Officials & Code Administrators 1996 (BOCA) Code and the Village of Lindenhurst informational pool handouts “Outdoor Above-Ground Private Swimming Pools, Spas & Hot Tubs” & “Understanding Pool Barriers” for specific detailed information

**Site plan** – A plat of survey (1”=20’ minimum) indicating the following properly scaled, dimensioned and noted:

- Exact pool location
- Pool height above grade
- Property lines
- Retaining walls
- Barrier specifications at access ladder or from other elements such as a deck railing, house wall, change in grade, etc.
- Latch specifications
- Electric specifications for ground-fault receptacles
- Electric specifications for the pump
- Electric specifications for wiring & conduit
- Utility clearances
- Minimum pool zoning clearances are 6-feet from side yards and rear yards and not in any easements, whichever dimension is larger
- Heater piping specifications
- Pool equipment location
- Buildings
- Easements
- Deck stairs & outside steps
- Walks
- Patios
- Decks

**Pool Equipment Specifications** – Provide manufacturers specifications for the following equipment:

- Pool
- Pump including cord length
- Filter
- Heater
- Time clock
- Manufactured barriers, stairs, ladder, enclosures or combinations thereof

**Failure to include all required information will delay processing of the permit.**

# EXAMPLE POOL

## SUBMISSION

(ABOVE GROUND ONLY, BELOW GROUND

IN GROUND POOLS MUST SHOW BONDING PLAN)

YOUR REQUIREMENTS MAY DIFFER

IF DECK PROVIDE PLANS PER HANDOUT

DISTANCE FROM ALL UTILITIES OVERHEAD & UNDERGROUND

SIDEYARD SETBACK

CORRECT DISTANCE FROM HOUSE (HANDOUT ITEM 2A)

GROUND-FAULT CONVENIENCE OUTLET 20- FEET OR LESS FROM EDGE OF POOL BUT MIN. 10- FEET AWAY

EXISTING UTILITY LINES - ABOVE OR BELOW GROUND?

4' FENCE WITH SELF-CLOSING SELF-LATCHING GATE WITH NO OPENINGS GREATER THAN 1/2" WITHIN 18" OF LATCH LOCATED 3" FROM TOP ON INSIDE

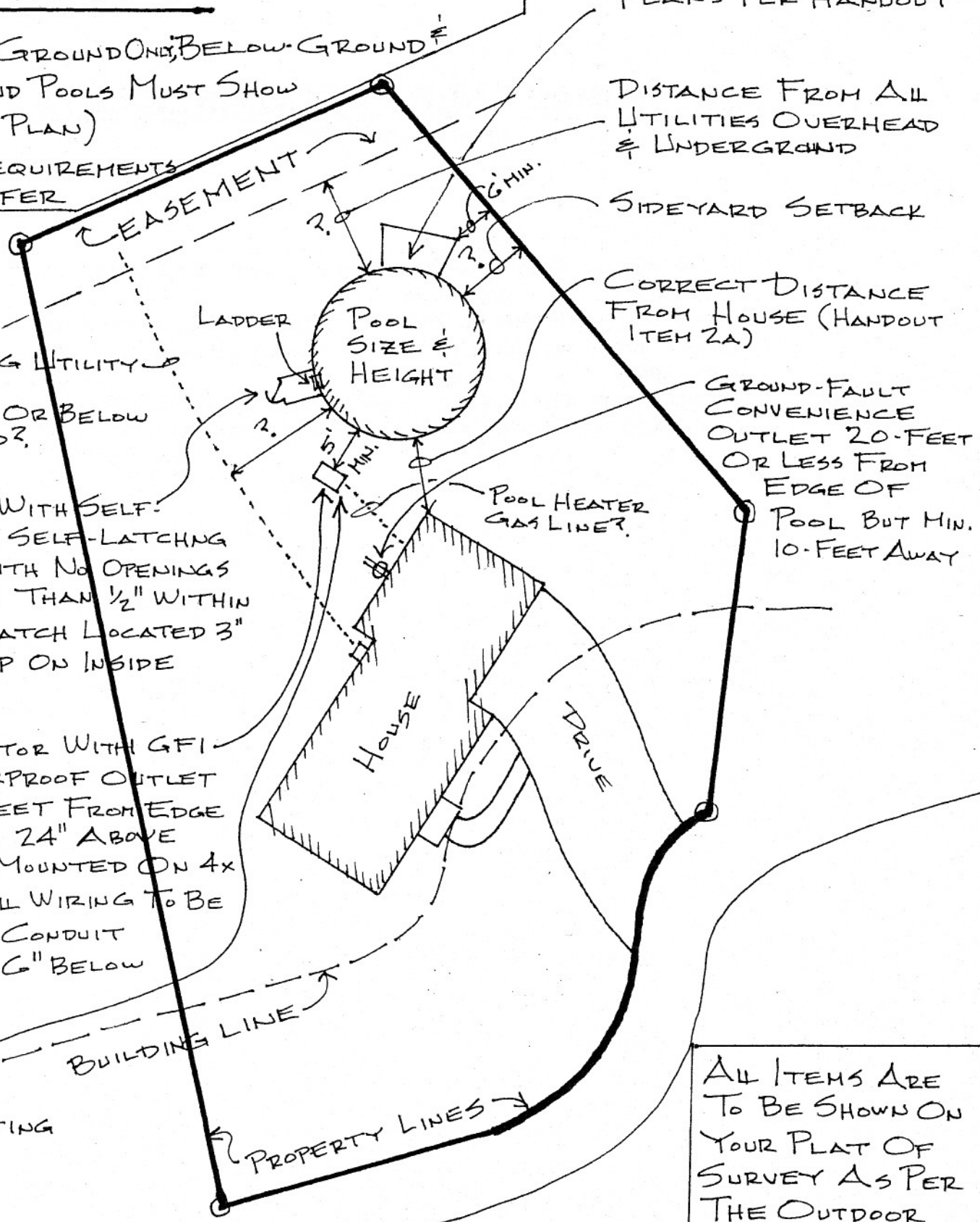
PUMP MOTOR WITH GFI WEATHERPROOF OUTLET MIN. 5- FEET FROM EDGE OF POOL 24" ABOVE GROUND MOUNTED ON 4x POST - ALL WIRING TO BE IN RIGID CONDUIT MINIMUM 6" BELOW GRADE

GAS HEATING UNIT?

**DRAFT**

STREET

ALL ITEMS ARE TO BE SHOWN ON YOUR PLAT OF SURVEY AS PER THE OUTDOOR POOL HANDOUT  
→ DO NOT RETURN THIS EXAMPLE



# **ADDITIONAL ENERGY REQUIREMENTS**

Revised April 27, 2005

1. All swimming pools that have heaters must have an on/off switch on the heater, which must be accessible.
2. All swimming pools must be fitted with covers unless it can be proven that 20% or more of the pool is heated by non-depletable sources (such as solar energy).
3. Time clocks must be provided for all circulation pumps. These can usually be mounted at the same location as the electric receptacle for the pump.