

SWIMMING POOL AND HOT TUB PERMIT GUIDE

Scope and purpose:

This document is intended to provide and illustrate information for achieving the minimum compliance standards for codes adopted by the Village of Beach. It is not intended to replace the specific building codes. Building and electrical codes shall prevail whenever there is a conflict between this document and the adopted codes.

Permit Requirements:

- ☐ A Plat of Survey
- ☐ Pool location on the lot—See sketch shown in this packet
- ☐ Pool dimensions
- ☐ Provide drawings or plans indicating the construction of the pool.
- ☐ Provide details on the safety barriers
- ☐ Provide details on the electrical installation

Definitions:

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

GFCI: Ground-Fault Circuit Interrupter. A circuit breaker or receptacle designed to de-energize the circuit in a line to ground fault.

Swimming pool: Any vessel capable of containing 24 inches or deeper of water. This includes but is not limited to any above ground, in-ground, on-ground pools; permanent or storable pools; spas and hot tubs.

Pool Location:

The location of the proposed pool and barriers must be indicated on a copy of the plat of survey of the property. Pools must be located in the rear yard and setback a minimum of 6 feet from all property lines. Setbacks for a corner parcel are a minimum of 30 feet on the abutting sides.

Provide complete data of the total lot coverage. This will include the square footage of pool, deck, patio, off-street parking, garage, house and other accessory structures.

Indicate the location of all above grade and buried utilities on the plat of survey, including the water, sewer, gas, telephone, electric and data services. Contact JULIE at 800-892-0123 to confirm utility locations.

Any changes to a piece of property with a septic field requires a Property Alteration from the Lake County Health Department.

Equipment:

Provide manufacture's specification on the pump, filter and heater. Specifications should include voltage and amperage ratings of the equipment.

Provide detailed information regarding how the electrical power will be supplied to the pool equipment. Extension cords are not permitted. All proposed electrical outlets shall be GFCI protected and installed per the 2017 National Electrical Code.

A single locking type receptacle that supplies electric power for the pump shall be located between 5 and 10 feet from the pool wall and protected by a GFCI. A general purpose GFCI outlet shall be installed between 10 and 20 feet from the pool.

No switching devices shall be located within 5 feet of the pool.

Any underwater lighting installed shall be listed for such purpose and not be capable of creating a shock hazard.

All metal parts (ladders, fences, rebar or wire mesh in concrete pad, etc.) shall be bonded with a solid number 8 copper wire. All connections shall be made by exothermic weld, listed pressure connector or listed clamp.

Clearances:

There shall not be any overhead electrical service lines located horizontally within 10 feet of the pool wall. Underground wiring shall not be permitted under the pool or within the area extending 5 feet horizontally from the pool wall.

Underground electrical circuits for the pool shall be buried not less than 6 inches below the finished grade if installed in a metal raceway, or not less than 18 inches if a non-metallic raceway is utilized.

Barrier details:

Pools shall be protected by a barrier of not less than 48 inches.

If a ladder is the only means of accessing the pool water, the ladder shall be completely removable or designed with a locking device to prevent unsupervised access to the pool.

If the proposed barrier is a fence, provide the height, location and specifications for the fence. The gate must be self-closing and self-latching.

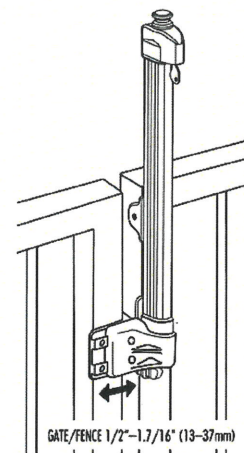
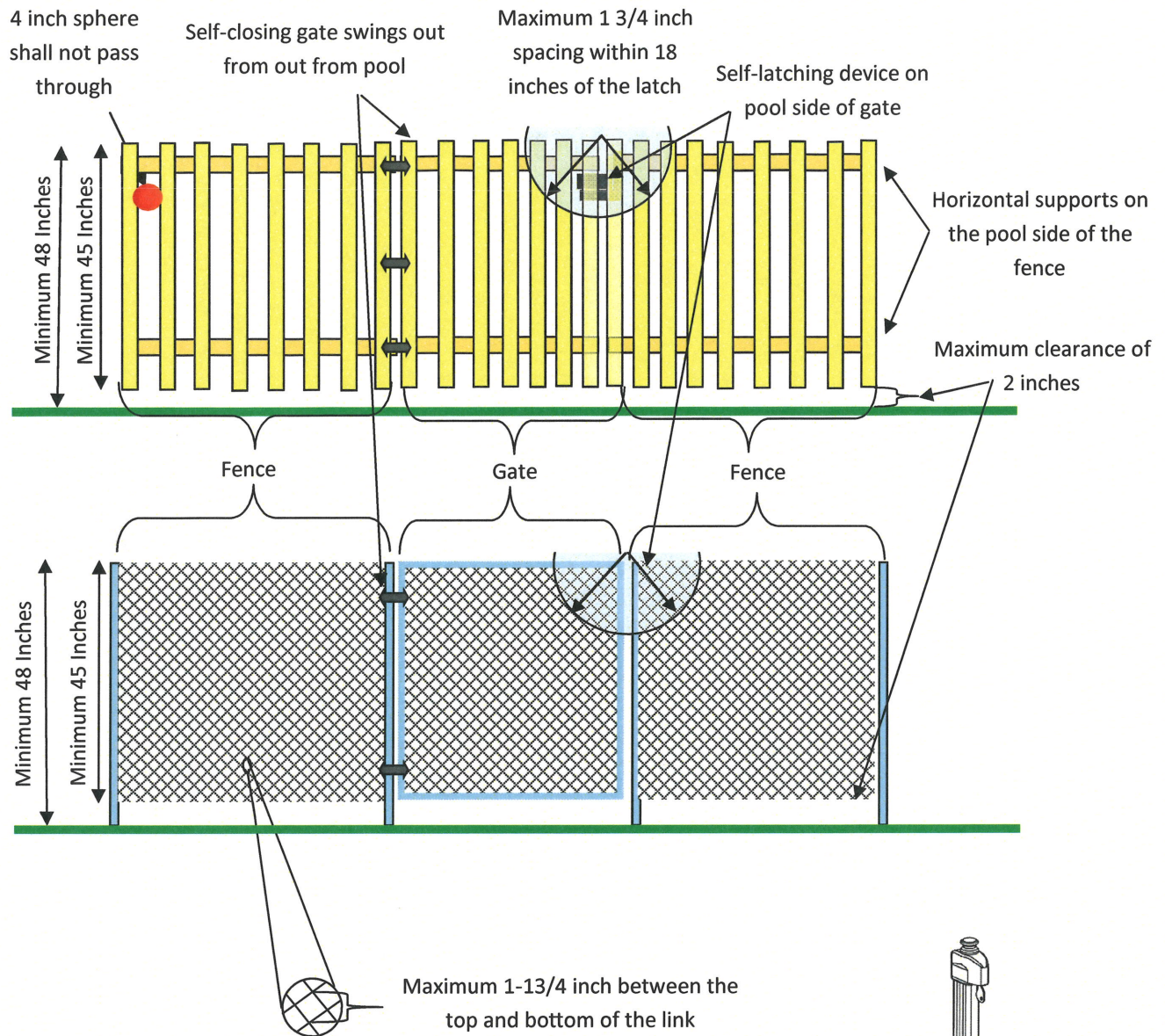
If the house serves as part of the barrier, one or more of the following shall be provided; (a) a self-closing and self-latching gate to separate the pool from any access doors of the house (b) a safety cover is included (c) an alarm system on the door.

Decks:

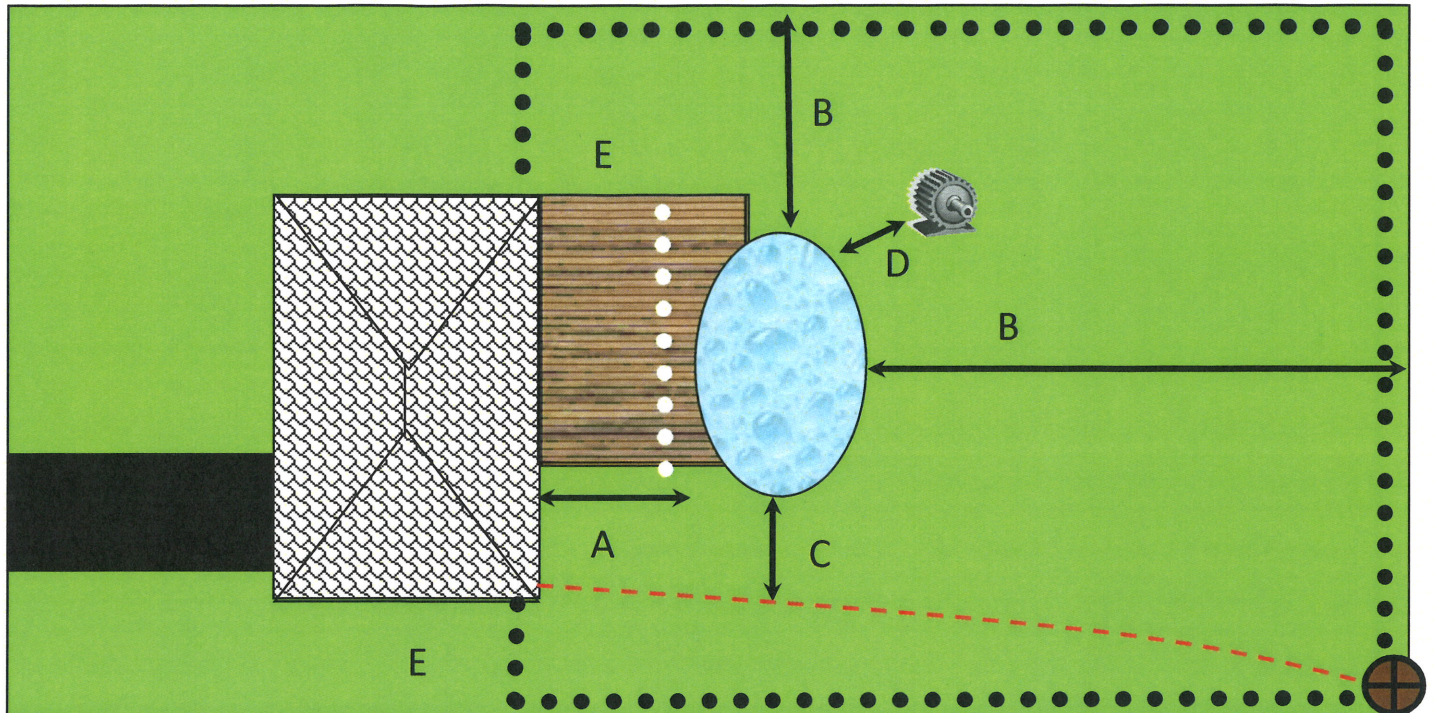
A separate permit is required for the construction of a deck for the pool. The permit shall include a scaled plan and elevation drawing for the deck. Drawings shall include the location and size of all footings, beams, floor joist, decking materials, guard-rails, access stairs and connection details.

Decks must be slip resistant. All deck edges shall be radiused, tapered, or otherwise designed to eliminate sharp corners.

Approved safety barriers



Alternate latching device to achieve minimum 54 inch height



A = Distance to House

B = Distance to Property Lines

C = Distance to Utilities

D = Distance to Electrical Equipment

E = Indicate Barrier Protection

F = Depth of Electrical Supply

